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REPORT

OF THE

CHIEF OF THE WEATHER BUREAU

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* * * * * * * *

Of the Annual Report of the Chief of the Weather Bureau, four thousand copies; one thousand copies for the Senate, two thousand copies for the House, and one thousand copies for the Bureau.

LETTER OF TRANSMITTAL.

OCTOBER 15, 1902.

SIR: I have the honor to submit a report on the operations of the Weather Bureau during the fiscal year that ended June 30, 1902.

Respectfully,

WILLIS L. MOORE,
Chief United States Weather Bureau

HON. JAMES WILSON,
Secretary of Agriculture.

23492

CONTENTS.

	Page.
PART I.—Administrative report	VII
Forecasts and warnings	IX
Distribution of forecasts and warnings	X
Equipment and inspection of voluntary stations	XII
Cotton and sugar and rice services	XII
Corn and wheat service	XII
California fruit and wheat service	XII
Climate and crop publications	XII
The weather service in Cuba	XIII
The Monthly Weather Review	XIII
Carnegie Institute	XVII
Aerial research	XVII
Solar heat and atmospheric absorption	XVII
Barometry	XVII
Nephoscopic observations	XVIII
Vapor tension and precipitation	XVIII
Loss of life by lightning	XVIII
Wind velocity and fluctuations of water level on Lake Erie	XVIII
Convention of Weather Bureau officials	XIX
Wireless telegraphy	XIX
Instruments	XX
Observatory buildings	XXII
Library	XXIII
Telegraph lines	XXIV
Publications	XXV
PART II.—Climatology—Hourly averages of atmospheric pressure, temperature, and wind from records of automatic instruments at 28 stations	1
List of observing stations	3
Table I. Latitude, longitude, elevation, etc., of Weather Bureau stations	3–7
Table II. Changes in Weather Bureau stations during 1901	7
Explanation of the tables	8–9
Average pressure in inches and thousandths for each hour of seventy-fifth meridian time	10–23
Average temperature for each hour of seventy-fifth meridian	26–39
Wind—average hourly velocity	42–55
PART III.—Climatology—Monthly and annual meteorological summaries for Weather Bureau stations	57
Explanation of the tables	58–60
Monthly and annual pressures for 1900, corrected to the mean of 24 hourly observations	61–63
Annual meteorological summaries for the year ending December 31, 1901	64–149
PART IV.—Climatology—Monthly and annual means and extremes of temperature and dates of first and last killing frost	151–186
PART V.—Climatology—Monthly and annual precipitation	187–227
Monthly and seasonal snowfall	228–243
PART VI.—Miscellaneous meteorological tables and reports	245
Sunshine, 1901	247–267
Excessive precipitation at Weather Bureau stations in the United States and the West Indies, 1901	268–275
Highest and lowest temperatures recorded at Weather Bureau stations from the beginning of observations to the end of 1901	276–287
Normal daily temperature for a number of selected stations in the United States	289
Mean maximum and mean minimum temperatures	311
Mean monthly and annual relative humidity	317
Meteorological observations at stations of the Weather Bureau in the West Indies during 1901	321

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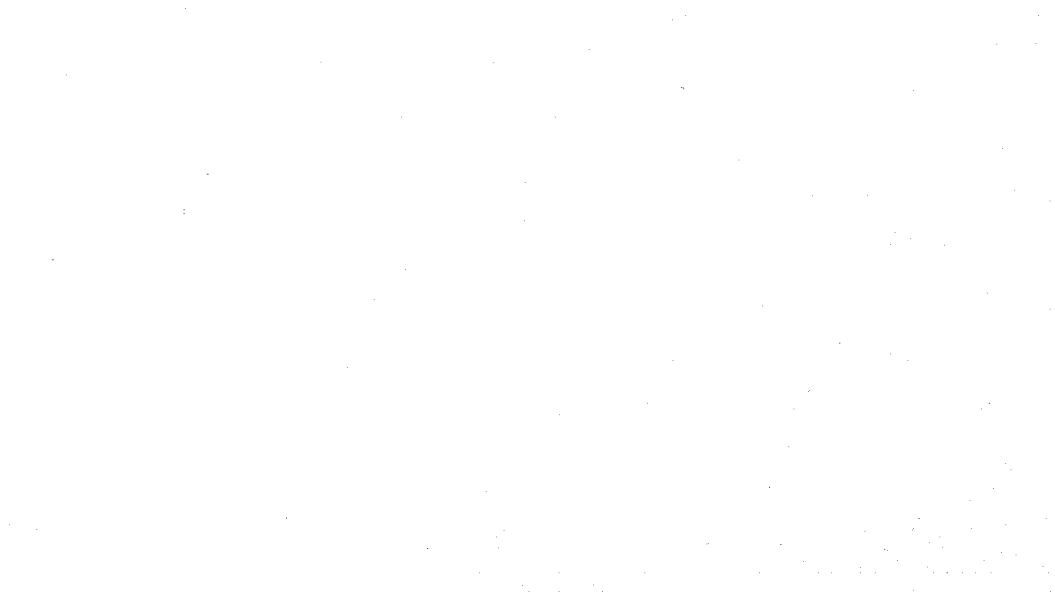
PART I.

ADMINISTRATIVE REPORT.



REPORT OF THE CHIEF OF WEATHER BUREAU, 1901-1902.

FORECASTS AND WARNINGS.

The most important tropical storm of the year appeared as a feeble disturbance in the subtropical region north of Cuba August 9, 1901. It advanced thence over the southern part of the Florida peninsula during the 10th and 11th, and recurved westward over the Gulf of Mexico by the morning of the 12th. Moving westward the storm increased greatly in intensity during the 13th and 14th, and during the 14th and 15th it recurved northward over the Louisiana coast attended by gales of hurricane force. Warnings in connection with this storm were begun on the 10th. The estimated damage to property along the Louisiana coast amounted to over $1,000,000, and according to the estimate of the secretary of the Mobile Chamber of Commerce the value of property saved by the warnings of the Weather Bureau aggregated several millions of dollars.

The North Atlantic and West Indian forecast and storm-warning service was continued in successful operation during the year. Forecasts for the first three days out of steamers bound for European ports were issued daily at 8 a. m. and 8 p. m., and American and European shipping interests were notified of the character and probable course of the more severe storms that passed eastward from the American coast.

The following letter, dated November 15, 1901, addressed by the secretary of Lloyd's, London, to the Chief of the United States Weather Bureau, at Washington, indicates the degree of interest that is being taken in the Weather Bureau warnings by representatives of the commercial and shipping interests of the North Atlantic:

> I am instructed to express to you the best thanks of the committee of Lloyd's for the forecasts of bad weather in the Atlantic with which you have been so good as to allow them to be favored, and I am desired to convey to you the congratulations of my committee on the infallibility of the predictions that have been supplied by these forecasts.

On the morning of November 1, 1901, the following message was telegraphed to the Weather Bureau offices at Hamilton, Bermuda; New York, N. Y.; Philadelphia, Pa., and Boston, Mass.:

> Severe disturbance moving northward east of Turks Island will probably pass near Bermuda Saturday.

The following article from the Bermuda Colonist, of November 6, 1901, verifies the accuracy of the advices furnished:

> The hurricane that was predicted by the Washington Weather Bureau for Saturday arrived on time and raged around the islands for twenty-four hours. All the incoming steamers were delayed in consequence, and those that were southward bound, the New York mail steamer especially, experienced exceedingly heavy weather. The growing crops throughout the colony have suffered somewhat, and the storm damage to property has been considerable. The principal damage reported has been occasioned to government property about the islands in the Great Sound, where the prisoners of war are interned, and it is said that the preliminary estimate of the damage reaches the sum of £2,000. Reports from the westward state that the contractors for the dock-yard extension works have also sustained some loss; a large boat used for conveying laborers foundered and a large quantity of balk timber got adrift.

The first general frost-bearing cool wave of the fall of 1901 swept from the northeastern Rocky Mountain slope southward to Arkansas and Tennessee and eastward to the North Atlantic coast States, from September 17 to 20. Ample warnings were distributed throughout the districts visited by the frosts of the period referred to.

The cold waves of December, 1901, were exceptionally severe in the Lake region, the central valleys, and the Southern States. The following are among press comments made regarding these cold waves:

The Montgomery, Ala., Advertiser of December 10, 1901:

The cold-wave warning was issued fully thirty-six hours in advance of the cold changes; it was telegraphed to all the important towns of the State, from which points it was distributed by mail. It is learned that the information was posted in over 1,500 places in the State yesterday morning, which demonstrates the very thorough and rapid system the Weather Bureau now has for getting such warnings before those who are actually interested.

Pacific Rural Press, San Francisco, December 17, 1901:

There has been some injury in the citrus fruit and winter vegetable districts, but, thanks to the early warnings of the Weather Bureau, those who know how to burn and smoke as a preventive from frost effects saved much property and gave a new demonstration of the efficacy of the protective measures which have been brought to high development in California.

The New Orleans Times-Democrat, December 17, 1901, editorial:

The Weather Bureau gave ample notice of the coming of the cold wave, and its predictions have seldom been more accurate as to the extent of the wave, the territory that would be affected by it, and the degree of cold the thermometer would record; and this warning did much to prevent any serious damage to the cane crop from the freeze by giving the planters time to prepare for it.

Pittsburg Post, December 16, 1901, editorial:

Much credit is due the Pittsburg station of the United States Weather Bureau for its truthful and timely predictions in the recent sudden changes of weather in this section. Warnings far in advance of the first local intimation of a cold snap were sent to shippers of perishable goods, and thus much damage was averted that otherwise would have resulted. When the continuous rains and heavy snows set in, warnings were also sent out notifying property holders of the imminent danger of a flood.

The following warnings, telegraphed from Washington to Jacksonville for distribution in Florida, resulted in the protection of more than $1,000,000 worth of fruit, vegetables, and other property, and a direct saving of $540,000:

WASHINGTON, D. C., *December 19, 1901.*

Center of low moving rapidly southeastward over Gulf. Minimum temperature to-night in central and north Florida will equal last night, and outlook is for lower temperature Friday night. All precautions against damage by cold justified for next two nights.

WASHINGTON, D. C., *December 20, 1901.*

Temperature will fall to about 20° at Jacksonville to-night, with temperature below freezing in the interior as far south as Jupiter. Emergency warnings and notify postmasters.

The floods of the Upper Ohio River in December, 1901, are referred to by the Pittsburg Gazette, of December 16, 1901, as follows:

The disaster to a large fleet of coal boats on the river last night is shown to be not chargeable to the weather service, which sent early warning of the coming of the high waters.

The destructive floods in the Appalachian Mountain streams during the closing days of February, 1902, were anticipated by the following warning, telegraphed February 23 from Washington to Weather Bureau stations in Pennsylvania and West Virginia for distribution:

Warmer weather indicated for next two days, with conditions favorable for rain by Monday night. These conditions will be most favorable for a general breaking up of ice in the mountain rivers and streams of Pennsylvania, western Maryland, and West Virginia. Notify all interests concerned that danger from flood in low-lying land is imminent.

DISTRIBUTION OF FORECASTS AND SPECIAL WARNINGS.

Much attention has been given to the mail distribution of daily forecasts through the rural free delivery, and a substantial increase was made in this direction, although during the latter part of the year our efforts were greatly hampered by lack of funds for the purchase of the necessary supplies for carrying on this important work.

There were in operation August 1, 1902, 10,025 rural free-delivery routes serving approximately 1,000,000 families, of which but 105,000 families (about 10 per cent), served by about 1,000 routes, could be furnished with the forecasts of the Weather Bureau from the funds available for that purpose.

The Post-Office Department estimates that there will be in operation by July 1, 1903, 15,000 routes serving approximately 1,500,000 families. With the necessary funds it would be possible to make the distribution of the daily forecasts of the Weather Bureau coextensive with the rural free delivery itself. For the distribution of forecasts by this means alone it would require not less than 450,000,000 blank forms for the routes that will be in operation on July 1, 1903. The purchase of these forms, together with the necessary printing appliances and the employment of the assistance required, will cost, it is estimated, not less than $100,000.

The following statement shows the geographic extent of this work, as well as the increase over the distribution of the previous year:

States.	At Government expense.			Without expense to United States by—					
	Daily forecasts.	Special warning only.	Emergency warning.	Mail, daily.	Rural free delivery, daily.	Railway telegraph service, daily.	Railway train service, daily.	Telephone.	
								Daily forecasts.	Special warning.
Alabama	29	6	152	900	857	31	12	15	28
Arizona	3	1	0	0	0	0	0	4	4
Arkansas	27	7	118	528	236	6	0	72	75
California	113	13	0	2,359	2,090	356	0	150	186
Colorado	19	17	81	959	1,201	2	7	4	23
Connecticut	14	4	52	979	2,225	12	151	3	0
Delaware	10	0	25	73	890	30	0	0	0
District of Columbia	0	0	0	1,478	0	0	0	13	0
Florida	27	113	95	891	0	96	0	41	117
Georgia	40	37	268	1,568	2,045	141	41	26	348
Idaho	13	1	0	478	101	0	17	0	8
Illinois	117	28	524	3,424	7,196	127	459	175	711
Indiana	124	9	242	1,978	5,856	43	287	38	84
Indian Territory	8	0	5	154	0	0	0	0	0
Iowa	155	32	480	1,917	10,842	12	0	451	542
Kansas	66	8	217	808	3,802	29	15	3	0
Kentucky	39	37	102	1,928	75	21	0	400	407
Louisiana	24	37	71	735	125	0	0	11	49
Maine	23	5	46	1,569	1,920	0	77	3	18
Maryland	29	7	89	1,523	1,619	129	0	11	38
Massachusetts	25	22	71	3,647	2,770	0	331	16	61
Michigan	110	30	443	4,980	4,847	459	457	43	295
Minnesota	57	16	217	1,802	2,062	5	0	534	564
Mississippi	29	10	75	639	0	16	0	42	82
Missouri	102	11	280	4,204	7,323	31	0	558	323
Montana	21	3	24	638	0	0	0	12	19
Nebraska	63	12	241	1,087	1,777	0	0	37	81
Nevada	3	0	0	148	0	0	0	0	0
New Hampshire	18	1	39	682	2,730	0	31	0	0
New Jersey	29	27	127	1,181	255	176	0	40	34
New Mexico	5	2	0	15	0	7	0	7	30
New York	127	58	407	6,986	9,811	333	168	339	941
North Carolina	59	19	214	994	395	1	16	36	59
North Dakota	13	12	104	16	150	0	0	0	0
Ohio	145	92	407	7,812	22,381	38	17	1,456	4,609
Oklahoma	9	2	15	172	0	0	0	0	0
Oregon	20	2	0	795	745	0	104	0	3
Pennsylvania	68	23	345	3,922	200	827	0	1,967	768
Rhode Island	4	0	13	102	250	0	28	0	4
South Carolina	33	5	125	1,106	513	36	23	16	240
South Dakota	40	31	111	684	400	0	0	70	232
Tennessee	43	10	305	1,577	1,100	31	2	81	120
Texas	57	68	278	1,479	2,933	159	0	396	407
Utah	16	60	0	204	340	0	0	3	17
Vermont	11	1	50	598	175	9	13	1	1
Virginia	39	9	109	1,540	228	63	96	1,158	1,230
Washington	24	2	0	721	916	0	29	3	3
West Virginia	21	11	74	1,194	7	37	26	21	44
Wisconsin	69	16	447	1,802	1,733	1	16	40	66
Wyoming	6	4	8	90	40	16	0	1	1
July 1, 1902	2,146	921	7,096	74,327	105,161	3,280	2,423	8,297	12,872
July 1, 1901	1,958	985	7,096	[1]110,103	0	3,280	2,423	8,297	12,872
Changes	188	—64	0						

[1] Including rural free delivery.

EQUIPMENT AND INSPECTION OF VOLUNTARY STATIONS.

The inspection of voluntary stations was undertaken on a more extensive scale than in any previous year in the history of the Bureau, and for the first time an allowance for this purpose was made each section, $1,940 having been apportioned among the several sections according to their needs. It became necessary, however, before the end of the year to cancel the authority to use the unexpended balances on account of the uncertainty of being able to continue the inspections under the conditions prescribed. All amounts not used, therefore, by May 15, were turned in to be applied to other purposes for which the Bureau had urgent need. Less than $600 of the amount allotted for the inspection of stations was used, but with this comparatively small amount 268 stations were inspected at an average cost of $1.94 per station. The experience gained during the year in this line will prove of decided advantage in the following year, for which an increased allowance has been made and all of which will doubtless be expended.

While 230 new voluntary stations have been established, the total number at the close of the year was but little greater than at the end of the preceding year, as 209 stations were discontinued. Efforts have been mainly directed toward the improvement of the equipment and exposure of instruments at stations already established, rather than toward an increase in the number of stations. A very gratifying improvement in the character of the observations has followed. There can be no doubt that the voluntary observers of the Bureau, as a rule, now more thoroughly understand their duty and perform the same with more painstaking care than ever before. A large number of thermometers of various makes have been replaced by the standard tested instruments of the Weather Bureau, and many rain gauges not of the Weather Bureau pattern have been replaced by those corresponding to the regular station equipment. In the work of establishing voluntary stations and improving the equipment of those already established, there have been issued during the year 607 maximum thermometers, 388 minimum thermometers, 313 thermometer shelters, and about 200 rain gauges.

COTTON AND SUGAR AND RICE SERVICES.

Four cotton-region stations have been discontinued and 18 established, 7 of the new stations being placed in the important cotton fields of Texas. These new stations constitute a valuable addition to the cotton-region service. The increase is highly appreciated by those interested in cotton. The number of sugar and rice region stations remains unchanged, there being 8 such stations. The total number of cotton and sugar and rice stations at the close of the year was 148.

CORN AND WHEAT SERVICE.

Two new stations were established and none discontinued, the total number being 133.

CALIFORNIA FRUIT AND WHEAT SERVICE.

This service was inaugurated during the latter part of the previous year, at the close of which there were 8 stations. The period covered by the reports extends from June 1 to August 31. Before the resumption of the service for 1902 12 new stations were established, the total number now reporting being 20. This service has proved very popular; it supplies information of much value to the fruit and wheat interests of California. Daily bulletins are issued by the official at San Francisco giving the maximum and minimum temperatures and rainfall for the series of stations, the bulletins being identical in character with those of the corn and wheat and cotton region services.

CLIMATE AND CROP PUBLICATIONS.

The standard of the monthly section reports has been fully maintained, and in instances improved. The value of these is now more fully recognized, and the demand for them is constantly increasing. These reports are issued with promptness, and it rarely occurs that a section bulletin is not issued before the close of the month succeeding that for which it forms the record.

The weekly climate and crop bulletins are in greater demand than at any previous time. No material change has been made in the form of the bulletins issued by the several sections. The editors of agricultural and commercial papers avail themselves largely of these bulletins.

Recognizing the importance of preserving the section publications in the most careful manner, nearly $1,500 was expended during the year in binding at each center a complete file of all the section reports issued by the several sections. We have now, therefore, at every climate and crop center, bound in substantial manner, a complete file of the reports of each and every section, so that every climate and crop service section center is prepared to place at the disposal of inquirers detailed climate and crop information from every part of the United States.

THE WEATHER SERVICE IN CUBA.

The work that the Weather Bureau has carried on in Cuba may be divided into two classes:

1. The climate and crop service, which is concerned with Cuba alone.

2. The storm-warning service, of which the observation stations in Cuba form only a part of the general system operated primarily for the benefit of the commerce of the Gulf and South Atlantic coasts and the West Indies.

The Cuban section of the climate and crop service of the Weather Bureau has been turned over to the secretary of agriculture of the Cuban Republic. It consisted of 25 voluntary observation stations, each one of which was equipped with a set of thermometers, a rain gage, an instrument shelter, and the necessary forms for the rendering of reports; it had also 86 crop correspondents.

The voluntary observers and the crop correspondents reported to Habana, and gave to the section director the data that enabled him to publish a monthly climatological report of the island and a weekly bulletin showing the condition of crops in the various provinces.

That portion of our storm-warning service located on the island of Cuba consists of an observatory at Habana, one at Cienfuegos, one at Puerto Principe, and one at Santiago. The protection of our own seaports on the Gulf and South Atlantic coasts against the approach of West Indian hurricanes renders it desirable to have a few observation stations on the island of Cuba.

A mutually beneficial cooperation has been proposed, whereby the Cuban Republic might be given the benefit of our extensive system of cable-reporting stations in return for the privilege of maintaining the four stations hereinbefore referred to.

In accordance with the request of the Cuban Government the Weather Bureau is still making forecasts for the island and cabling them to all of the commercial ports of the Republic. These warnings can only be made by some official having daily access to the extensive system of observations collected by the United States Government from the islands and mainland around and about the Gulf of Mexico and the Caribbean Sea.

Observations taken only on the island of Cuba would not cover an area of sufficient extent to render possible the making of the most accurate warnings. The Weather Bureau has in its possession the necessary data on which the most reliable forecasts and warnings for Cuba can be made, and has been glad to render this service to the Cuban Government.

THE MONTHLY WEATHER REVIEW.

The Monthly Weather Review has been published as regularly as practicable, but the number for the month of April, 1902, was kept waiting in order to include therein an important memoir on "Rainfall and charts of rainfall," to be illustrated with a special edition of the relief map of the United States, to be furnished by the cooperation of the United States Geological Survey. The Review for the month of May was also delayed for about two weeks in order to include therein a plate of the bolograph spectrum furnished by the kindness of Prof. S. P. Langley, Secretary of the Smithsonian Institution. The July Review appeared on time.

As the Monthly Weather Review continues to be recognized as an important medium for the diffusion of knowledge of the results of work in all branches of climatology and meteorology, no pains have been spared to make it a credit to the Government. The general appearance of the Review has been improved by the introduction of new type and a quality of paper that

allows the insertion of illustrations in the text, thereby diminishing the general cost of printing. I asked Professor Abbe to prepare a brief statement of the articles most important to meteorological science that have appeared during the past year. I would make a special mention of the following, which I take from his report:

(1) Byron McFarland: "The thunderstorm—a new explanation of one of its phenomena." In this the author maintains that the descending mass of cool air accompanying the rain, by reason of its greater density and pressure, causes the sudden rise in the barometer that generally accompanies a thunderstorm.

(2) Marcel Brillouin: "Historical introduction to his collection of original memoirs on the general circulation of the atmosphere." This is an excellent critical review of important publications on the movements of the atmosphere. The author especially enforced the necessity of studying the atmosphere in connection with the real surface of the earth, and not the ideal uniform globe that is generally considered by mathematicians.

(3) Frank W. Very: "The Solar constant." This is an admirable review of the present state of our knowledge of the amount of heat received by the atmosphere from the sun, and the amounts absorbed and radiated by the air. Professor Very also gives some fundamental suggestions as to the method of investigating this subject, which is so important to meteorology. This article has been very favorably noticed by European reviewers.

(4) H. H. Kimball: "Ice caves and frozen wells." This embodies the results of a personal examination of several cases in which ice is formed and preserved under ground. Mr. Kimball gives a satisfactory general explanation of the meteorological conditions necessary to this formation of ice, showing that, in general, caves, wells, and porous ground are cooled by the percolation of cold air to such an extent that the cold ground will freeze any water that may subsequently flow into it. He cites cases of stalactites and stalagmites of ice in deserted iron mines. Taken in connection with the exhaustive descriptive work by E. S. Balch, of Philadelphia, we have now a very satisfactory idea of the process by which ice caves, ice beds, and frozen wells are formed throughout the world, and the former hypotheses, especially that which referred them back to the Glacial age, must now be abandoned.

(5) H. H. Kimball: "The general circulation of the atmosphere," especially in the Arctic regions. In this memoir, which was a thesis for the degree of M. S., the author shows the great contrast between the theories of Ferrel, Oberbeck, and Helmholtz on the one hand, and those of Bigelow and Teisserenc de Bort on the other. He then collects and charts all available observations of the movements of the highest cirrus clouds in northern latitudes, and shows that they demonstrate the existence of a rather weak movement of the surface wind westward for latitudes north of 65°, with modifications introduced by the low barometric pressures in the North Atlantic and Bering Sea. It is probable that these modifications are appreciable, because in northern latitudes the cirri are low down, and above these there should be a stronger current from the west eastward.

(6) Prof. C. F. Marvin: "The measurement of sunshine and the preliminary examination of Angström's pyrheliometer." This paper not only introduced Angström's electric compensation pyrheliometer to the attention of American physicists, but shows how it can be best used to advance meteorological research. Three copies of this instrument have been purchased by the Weather Bureau and carefully compared before being intrusted to the hands of the respective observers. Professor Marvin's paper gives the results of these comparisons, from which it appears that the amount of heat received from the sun per minute, per square centimeter, by a surface normal to the solar rays and outside of the earth's atmosphere, is about 3.1 gram calories and that measurements made at sea level are liable to an uncertainty of about 1 per cent.

(7) O. L. Fassig: "The westward movement of the daily barometric wave." This is a short article accompanied by important charts, showing that the principal features in the diurnal curve of local variations of barometric pressure move westward around the globe daily.

(8), (9) Mark S. W. Jefferson: "The reduction of records of rain gauges." This article calls attention to the unsatisfactory condition of our knowledge of the distribution of rainfall. The author suggests certain modifications in the methods of preparing rainfall charts. As this

subject is of the greatest interest in relation to agriculture, irrigation, engineering, and general meteorology, correspondence was invited on this subject. Professor Abbe prepared an extensive "symposium" on "Rainfall and charts of rainfall," which appeared as a supplement to the Monthly Weather Review for April, 1902. In this symposium the latest rainfall charts by Prof. A. J. Henry, of the United States Weather Bureau, for the years 1871–1901, inclusive, and by Mr. Henry Gannett, of the United States Geological Survey, for the years 1871–1893, appeared, accompanied by a relief map of the United States, which must be studied in connection with the rainfall. The correspondence and extracts published in this symposium explain the methods of preparing rainfall charts, and show some of the errors of those who would apply hypothetical corrections for altitude, or would, from the presence of forests and lakes, infer a special increase of rainfall. The whole discussion emphasizes the extreme importance of a large increase in the number of our rainfall stations, in order that the Weather Bureau may satisfactorily respond to the general public demand for information as to rainfall and snowfall.

(10) Maxwell Hall: "The sun-spot period and the temperature and rainfall of Jamaica." In this paper the author shows that since 1883 there has been a close parallelism between the mean maximum temperatures at Kingston and the curve of sun-spot numbers. There is also some show of parallelism between this sun-spot curve and that of the general rainfall for Jamaica.

(11) A. Wolfer: In order to facilitate the study of solar relations, Professor Abbe reprinted in the Monthly Weather Review for November, 1901, the complete table of "Wolf's relative sun-spot numbers." This led to a correspondence with Prof. A. Wolfer, of Zurich, who stated that, as the successor to Professor Wolf, he had undertaken to revise the original series of sun-spot numbers and incorporate all newly discovered data. This revision was, therefore, published with some remarks by Wolfer in the Monthly Weather Review for April, 1902, simultaneously with its publication in Switzerland. This constitutes a most welcome addition to our knowledge of sun-spot phenomena and while, on the one hand, it will undoubtedly stimulate research into the relations between the sun and the earth, it will, on the other hand, serve to refute many erroneous hypotheses and bring us nearer to the truth.

(12) Albert Matthews: "Indian summer." This is the result of an exhaustive search in the literature of England and America; the author shows that the term Indian summer first appeared in 1794, at which time it was probably in general use throughout the United States. This memoir has excited very general commendation, coupled with expressions of surprise at finding that we know so little about the origin of the term and the reason for its adoption.

(13) S. P. Langley: "The Astrophysical observatory of the Smithsonian Institution." In this article Professor Langley first describes his bolometer and his laborious, but successful, efforts to secure a bolograph made by automatic methods. The article is illustrated by a remarkably fine reproduction of Langley's original bolograph spectrum. The author calls attention to the important meteorological bearings of his studies with the bolometer. That, in fact, our seasonal weather changes and probably also the irregularities of climate from year to year are dependent upon the absorption of solar heat by the carbonic-acid gas and the aqueous vapor in the atmosphere. The absorption is greatest in Washington in August. Similar results have been attained with the actinometer of Crova at Montpellier, and, especially, by the visual observations of aqueous absorption lines in the spectrum, as conducted by L. E. Jewell at the Johns Hopkins University and published in 1896 in Bulletin 16 of the United States Weather Bureau. There can, therefore, no longer be any doubt but that by means of these instruments meteorologists at sea level are able to gauge the average and the special absorptive powers of the whole atmosphere above them. The bolograph and actinometer must, therefore, form an important adjunct in every important meteorological observatory.

(14) F. H. Brandenburg, W. V. Brown, and Prof. E. B. Garriott: "On the classification and index of weather maps and weather types as an aid to forecasting." These three articles on this subject have shown practicable methods of attaining an end that is greatly to be desired. Professor Garriott especially calls attention to the fact that types of formations and movements of the same general character, extending over periods of several days, are much more important than types of individual weather maps or weather conditions. It is to be hoped that

the great importance of this subject will stimulate further efforts in this line, but they will hardly attain complete success unless they are carried out in sympathy with correct views of the general circulation of the atmosphere. It is this latter question that offers the fundamental difficulty in all weather forecasting, and especially in long-range forecasts. An article by Professor Abbe in the December Review, "The physical basis of long-range forecasts," explains the general character and difficulties of the problem in popular language, and suggests an appropriate method of treating the general circulation of the atmosphere, as disturbed by the presence of land and water on this globe. But the most important work on this subject is that of Professor Bigelow mentioned below.

(15) Prof. F. H. Bigelow: "Studies on the statics and kinematics of the atmosphere in the United States."

Paper I. "A new barometric system for the United States, Canada, and the West Indies."

Paper II. "Method of observing and discussing the motions of the atmosphere."

Paper III. "The observed circulation of the atmosphere in high and low areas."

Paper IV. "Review of Ferrel's and Oberbeck's theories of the local and general circulations."

Paper V. "Relations between the general circulation and the cyclones and anticyclones."

Paper VI. "Certain mathematical formulæ useful in meteorological discussions."

This series of papers, published in the Monthly Weather Reviews for January–June, 1902, are important contributions. They constitute a complete summary of Professor Bigelow's researches into the physics of the earth's atmosphere and also give us a general idea of nearly all that has thus far been accomplished in this field of work. This study involves a knowledge of the conditions prevailing at and above ordinary cloud levels; therefore, the author has discussed the movements of the atmosphere, the formation of clouds, the temperatures and moistures observed by the highest balloon ascensions. He not only summarizes all the work that is published in detail in his International Cloud Report and his System of Barometry, but he prepares the way for a proper reduction of the observations of temperature, moisture, and wind made at Weather Bureau stations and for drawing of daily weather maps for several successive levels in the atmosphere. He finds that with increasing altitude above 10,000 meters, the rate of diminution of temperature steadily diminishes, but recognizes that the accurate measurement of the temperature of the air in the highest strata is a very difficult process and that all efforts to secure reliable results deserve the hearty support of meteorologists.

Among the most important papers accepted but still awaiting publication in the Monthly Weather Review are the two following:

(1) W. A. Bentley: "A report on microphotographs of snow crystals secured during the winter of 1901–2." For twenty years Mr. Bentley has devoted himself to the study of snow crystals. His collection of microphotographs taken in Jericho, Vt., surpasses the sum total of all that has been done by all others in the world, and must form the basis of all future study into the reasons for the great variety of forms that occur. It seems likely that each snowflake contains within itself traces of the processes that it has had to undergo in its journey from the clouds to the earth. Therefore the crystals should tell us of the atmospheric conditions in the regions whence they came. From this point of view it is evidently important to encourage Mr. Bentley in his labor of love. It is to be hoped that a physicist of sufficient ability may be found to associate himself with Mr. Bentley in this work and to carry it on to its successful conclusion.

(2) J. W. Sandström: "On the construction of isobaric charts." This memoir has been prepared under the general supervision of Prof. V. Bjerknes, of the University of Stockholm, and is believed to present important novelties in practical meteorology. Mr. Sandström has made special use of the splendid series of observations in the free air obtained by the Weather Bureau by means of the Marvin kite and meteorograph, during the summer of 1898. It seems likely that his studies, taken in connection with those of Professor Bigelow, will indicate the proper method of utilizing daily records from kites and balloons as supplementary to observations of the clouds by means of the nephoscope. Mr. Sandström's memoir was written in German, and is now being translated by Professor Abbe for publication.

Professor Abbe states that his duties as dean of the scientific staff and editor of the Monthly Weather Review have been greatly lightened by the valuable assistance of Mr. H. H. Kimball as assistant editor of the Review.

The recent publication of the important "Lehrbuch der Meteorologie," by Prof. Dr. Julius Hann, of Vienna, marks an important epoch in the history of meteorology. It constitutes a fairly complete summary of the present condition of our knowledge in all branches of observational meteorology with many valuable suggestions as to the theories and explanations of the phenomena. Professor Abbe has continued the translation of this work as rapidly as other duties would permit; but it is a large undertaking and can not be finished within the coming year.

CARNEGIE INSTITUTION.

The establishment of the Carnegie Institution for research gave its trustees occasion to address to the Chief of the Weather Bureau a request for suggestions as to work in meteorology. This question was submitted to the board of research that had already been organized by the Chief of that Bureau. After considering its report a letter was prepared to the trustees of the Carnegie Institution, in which it was especially urged that that organization should occupy only those fields of research in meteorology that are outside of the specified duties of the official governmental meteorological offices of this country and Europe. It especially called attention to the fact that large portions of the earth's surface, both land and ocean, are as yet unprovided for, and that large problems are especially appropriate to the Carnegie Institution.

The trustees have requested Professor Abbe to act as their general adviser on matters pertaining to meteorology.

AERIAL RESEARCH.

There has been inaugurated a programme of aerial research in the upper strata of the atmosphere. Professor Abbe has been given charge of this work, with the privilege of calling upon Professors Marvin, Bigelow, and others for assistance. The first duty in connection with this work has been to correspond with manufacturers of hydrogen and with instrument makers and special aeronautic experts in the United States and Europe, in order to ascertain what is at present considered practicable and best. There is every prospect that we shall be able to send up some sounding balloons with meteorographs during the coming year. Meanwhile the most laborious part of the preparatory work falls upon Professor Marvin and will take nearly all of his time for six months to come.

SOLAR HEAT AND ATMOSPHERIC ABSORPTION.

In July, 1901, the Bureau received three copies of Angström's Electric Compensation Pyrheliometer, which instrument is intended to measure in calories the amount of heat received by radiation from any distant source, including, of course, the sun. It is intended to use these three instruments in carrying out researches on the amount of solar heat and of atmospheric absorption and allied questions. One of them is kept as a standard at the Weather Bureau and may be used in Washington; the others are now located, respectively, in Baltimore, in care of Prof. J. S. Ames, and the other in Providence, R. I., in care of Prof. Carl Barus. Numerous investigations must be carried on by these physicists as preliminary to the main object of our research. Articles published in the Monthly Weather Review by Prof. C. F. Marvin and Prof. F. W. Very and by Mr. C. G. Abbott and Prof. S. P. Langley have given a general idea of the scope that the investigation must take.

BAROMETRY.

The work on the barometry of the United States and Canada has been completed by Prof. Frank H. Bigelow, and the tables for the reduction of sea level have been in operation since January 1, 1902, with results which seem to be quite satisfactory. The work of preparing and

checking the station tables for reductions to the 3,500-foot and the 10,000-foot planes is complete, and the individual tables will be issued during July, to be expanded at the stations, so that they will be ready for use in the autumn, as soon as the circulation begins to be vigorous.

NEPHOSCOPIC OBSERVATIONS.

A very valuable set of nephoscope observations in the West Indies Islands has been secured, beginning May, 1899, and extending to May, 1902, at 11 stations. The circulation of the atmosphere in the tropical zone has never been carefully mapped out, and these observations for the first time afford us the necessary data for discussing these problems. In view of the popular interest in the distribution of the ashes ejected from the volcanoes in May and June, it is very opportune that the prevailing currents of air in the upper strata should be accurately determined. The computations on this work have been begun. Similarly nephoscope observations will soon be commenced in the Pacific and Plateau districts, in order to supplement those made in 1896–97 for the international commission.

VAPOR TENSION AND PRECIPITATION.

It has become necessary to discuss the Weather Bureau observations on the vapor tension throughout the United States, in view of the fact that no attempt has ever been made to construct any normals, or to determine the seasonal variation of the precipitation as depending upon this element. These computations will necessarily involve a careful treatment of the wet and dry bulb temperatures and a consideration of the troublesome psychrometric problems that are involved.

LOSS OF LIFE IN THE UNITED STATES BY LIGHTNING.

In Bulletin No. 30 the information collected from all parts of the country during the past ten years has been brought together and summarized by Prof. A. J. Henry. It is shown in this publication that destructive lightning strokes occur with greater frequency in some parts of the country than in others; that the region of greatest frequency is in the Ohio Valley, the lower Lake region, and the middle Atlantic States, and that, considering the sparsity of the population, the number of fatalities in the middle Rocky Mountain region and the upper Missouri Valley is surprisingly large. A study of the data has also enabled the Bureau to formulate a few simple precautions against danger from lightning stroke that are here reiterated:

It is not judicious to stand under or near trees during thunderstorms, in the doorway of barns, near chimneys and fireplaces or timbers that lead directly to the room. Neither should one stand near the point of entrance of telegraph and telephone wires. (The latter should invariably be provided with lightning arresters and ground wires.) It is not advisable to huddle under wagons, thrashing machines, or under frame structures surmounted by a flagpole. A wire clothesline should not be attached to a dwelling house under any circumstances; rather suspend it between two neighboring trees or posts.

WIND VELOCITY AND FLUCTUATIONS OF WATER LEVEL ON LAKE ERIE.

Strong westerly winds on Lake Erie pile up the water in the harbor of Buffalo at the eastern end of the lake, the rise in level at times being so great as to be detrimental to navigation and injurious to wharf property. The establishment under the direction of the Chief of Engineers, U. S. Army, of self-recording water-level guages in Buffalo Harbor and at the western end of the lake, and the hearty cooperation of that official with the Bureau, has made it possible for Professor Henry to study the relations between the force and direction of the wind and sudden changes in the level of lake waters.

It was found that with westerly wind velocities of less than 50 miles per hour at the eastern end of the lake the changes of level in Buffalo Harbor were not great enough to menace navigation; when, however, the velocity of westerly winds passes beyond 50 miles per hour wharf property is always more or less exposed to danger from flooding. The height to which the water will rise depends partly upon the strength, duration, and suddenness of the westerly winds

and partly upon the season of the year. The winds of the warm season seldom prevail long enough to cause an overflow. It was also found that while the crest of the rise in lake level and the maximum velocity of the wind generally coincided in point of time the water would begin to fall as soon as the crest was reached, regardless of the force of the wind, and that it would continue to fall and then rise again, in a series of oscillations up and down, until the normal level was restored.

The relations between the velocity of the wind and dangerous changes in water level seem to be sufficiently definite to attempt to forecast them for the benefit of local interests, both at Buffalo and the western end of the lake, where a knowledge of the change in depth of water in the channel at the mouth of the Detroit River would be of great value to vessel interests.

CONVENTION OF WEATHER BUREAU OFFICIALS.

The triennial convention of Weather Bureau officials met at Milwaukee, Wis., August 27–29, 1901. There were in attendance one hundred of the directing officials of the Bureau, representing every section of the country and every branch of the weather service. The entire scientific staff, consisting of seven professors, was present and took part in the proceedings. The Secretary of Agriculture honored the convention with his presence just before its close, and in a few well-chosen remarks congratulated the convention on the achievements of the weather service and the high standard of its personnel. The citizens of Milwaukee gave the members of the convention and their guests a banquet at the Pfister Hotel on the evening of the last day of the convention. The banquet was presided over by Hon. E. C. Wall, president of the chamber of commerce. The Press Club of Milwaukee also generously entertained the convention at a reception one evening during its stay in the city.

Much work valuable to the Government service was accomplished by this gathering together of the leading officials of the Bureau. The report of the convention has been printed as Bulletin No. 31. It comprises 250 pages and contains all of the papers read before and discussed by the convention. This report will be read and studied by the officials of the Bureau who were not in attendance at the convention. By thus printing and disseminating a complete report of the convention the younger observers and officials of the Bureau are given nearly as much benefit as though they had been in attendance. The printed report contains so many valuable papers and discussions that it will be found of great interest to many who are interested in meteorological problems and who are not connected with the Government. The esprit de corps and the devotion to their chosen profession of the officials of the Weather Bureau are well shown by the fact that, although it was required that they bear the expense of attendance upon the convention, except for transportation, practically all of the prominent officials of the Bureau were in attendance, and many others were anxious to go who could not be spared from their official duties.

WIRELESS TELEGRAPHY.

Experiments in space, or wireless telegraphy, were begun January 1, 1900, in accordance with the orders of the Secretary of Agriculture and carried on under the directions of the Chief of the Weather Bureau. Prof. R. A. Fessenden was placed in immediate charge of the work and continued in that capacity until July 30, 1902, when he was succeeded by Mr. A. H. Thiessen.

While much valuable information has been secured and a fairly satisfactory experimental system devised, I am not able to report such progress in the investigation as would justify the Department in dispensing with its coast telegraph lines or the cables that connect certain islands with the mainland.

The hot-wire receiver, or boloscope, was found to be the most sensitive of any yet used in the experiments. Its action was positive, and during the early spring it gave excellent results; messages were transmitted with a rapidity almost equal to that of the ordinary telegraph. Quite satisfactory tests were made before a board from the Army and one from the Navy. It was thought that the Bureau had finally devised a receiver that would take the place of all

others in use; but as the season advanced into summer and unstable atmospheric electrical conditions became more frequent it was found that the minute platinum loops on which the active principle of the boloscope depended would frequently burn out after a connection was made with a vertical wire.

It has so far been found impossible to send messages any appreciable distance over land or fresh water, or to attune the transmitter to the receiver so as to overcome the difficulties of interference should a second transmitter generate electric waves within the same field. I am of the opinion that the use of wireless telegraphy in its present state is limited to the transmission of messages between moving ships and between ships and the land, and that wherever permanent communication is required the cable or the land wire is the more reliable means of communication and probably the more economical.

Our experiments during the past year were conducted over a course between Manteo and Cape Hatteras, a distance of about 50 miles.

ECLIPSE METEOROLOGY AND ALLIED PROBLEMS.

The track of the total solar eclipse of May 28, 1900, crossed the Southern States from New Orleans to Norfolk and afforded an unusual opportunity for studying some of the physical problems connected with the effects of solar radiation in the earth's atmosphere. The observations made in the eclipse track have been discussed by Prof. Frank H. Bigelow and the results appear in Bulletin I, Weather Bureau, 1902, "Eclipse Meteorology and Allied Problems." It is there shown what preliminary meteorological observations should be made for determining the position of eclipse stations. Professor Bigelow also shows that the so-called "eclipse cyclone" does not exist in the atmosphere and that the shadow bands are an absorption of light effect on the sun's crescent which is confined to the lowest layers of the atmosphere. A review of the scientific status of the problems of solar physics follows, in which the parallelism between the meteorology of the atmosphere of the sun and that of the earth is indicated.

INSTRUMENTS.

Nearly all stations are now fully equipped with automatic instruments recording wind velocity and direction, the temperature and pressure of the air, and the duration of sunshine and rainfall. The extensive and thorough inspection of stations that has been made within the last two years has resulted in numerous recommendations by the inspectors which, in the main, have been carried out and which have necessitated the replacing of old automatic apparatus with that of the most approved type. We have been obliged to postpone the equipment of some stations already listed to be supplied, but it is expected that these will receive attention during the next few months.

It is considered, in the present connection, that a station is fully equipped with automatic instruments whenever records of the following meteorological conditions are continuously and automatically produced, namely: Wind velocity, wind direction, temperature, pressure, rainfall, duration of sunshine.

On June 30, 1902, there were in operation 191 stations at which at least one meteorological element was automatically recorded, and in order to set forth graphically the present status of the equipment of stations, these may be separated into the following classes:

(*a*) Stations completely equipped as defined above	124
(*b*) Stations awaiting equipment as supplies become available	24
(*c*) Stations maintained by agents where the equipment is necessarily simple and hence incomplete.	9
(*d*) Special display, or other stations, at which records of some particular element, generally wind velocity only, is desired	17
(*e*) Regular stations now partly equipped, but which are of small importance, or so circumstanced that further additions to the present equipment are not considered desirable or necessary	17
Total	191

(*f*) New stations announced but not yet established.

In connection with the 124 stations quoted as completely equipped, it should be remarked that in addition to the automatic registers and apparatus constituting a complete equipment, 105 of

the 124 stations are provided with a special so-called instrument stand, on which the automatic registers are installed to advantage, including an extra anemometer, a whirling apparatus, maximum and minimum thermometers, and a glass sunshine recorder; all arranged to exhibit these devices to visitors, etc. In order to still further improve the equipment and furnishing of stations, a series of 26 climatic and meteorologic charts were prepared and printed and sets issued to stations about two years ago. Some of these were bound, some framed separately and hung up on the walls of the offices, but finally during the past year a special set of swinging frames of ornamental pattern was designed, and about 79 stations have thus far been supplied with them. Stations with ample wall space have displayed the charts in separate frames. There are about 20 stations of this number at which 15 or more of the charts are so displayed (in wall frames). We thus have 124 stations completely equipped with automatic instruments, and the greater part of them provided in addition with special instrument stands, framed climatic charts, and extra instruments arranged for exhibit. It must be noticed that of those not equipped with instrument stands, charts, etc., many, such as the West Indian stations for example, and some in the United States, do not really require or can not use this part of the standard outfit.

Referring again to the classified list above, it appears that if we exclude classes (*c*), (*d*), and (*e*), the stations of which do not require further equipment, and class (*f*), which pertains to the future, there remain—

One hundred and twenty-four stations of the Bureau now fully equipped and 24 stations in process of equipment.

On the whole, it may be stated that the latter are now about one-half equipped; that is to say, about twelve complete sets of apparatus will be required to complete the equipment. It is confidently expected that the entire equipment at all stations will thus be completed during the current fiscal year.

STORM-WARNING EQUIPMENT.

The work of extending the equipment of steel towers and high-power lanterns of improved type at important storm-warning stations has also constituted an important piece of work assigned to the Instrument Division, which is directed by Professor Marvin, and this was pushed energetically during the year as far as funds would permit. In all 54 towers have been distributed to storm-warning stations, of which number 4 were to regular stations for special purposes. Of those issued only 3 have not yet been erected, owing to unavoidable delays in procuring satisfactory sites and the exorbitant nature of bids for erection.

The funds available for this work during the past year were too limited to permit of the purchase of the high-power lanterns and certain other accessories required with the towers, hence none was provided. Moreover, the first six months of the past year have been mostly consumed, of necessity, in the manufacture, shipment, and installation of the towers, hence the plan was adopted of spending the sum available mostly for towers and their installation, leaving the matter of lanterns and accessories to be supplied this year. Provision for this has already been made, but the storm-warning fund will permit of no considerable extension of the work beyond finishing out matters left over from last year.

There are now 109 storm-warning and 9 special stations at which the steel towers have been installed. Of these 48 now need lanterns, which will be issued as soon as delivered by the contractor.

TESTING AND ADJUSTING INSTRUMENTS.

This important work has grown to very great proportions with the large extensions of the service during the past few years.

All automatic instruments and registers, not only new instruments, but old ones that have been repaired, are most carefully tested in actual work and adjusted before the instruments are put in operation at stations. But few of the observers have that intimate knowledge of the theory of all these apparatus or the skill that is required to set in order instruments that may be generally out of adjustment. This delicate and important work is performed, under the direction of Professor Marvin, in a most conscientious and intelligent manner by Mr. Chas. B. Tuch, whose skill and long experience with meteorological apparatus renders his service of the greatest value.

The comparison of thermometers likewise involves a large amount of painstaking, technical work. During the year about 1,400 thermometers were inspected and compared. The temperatures at which comparisons are made range from 40° below zero to 112° above, and thermometers are compared at points every 10° along the scale, with the exception of maximum thermometers, which are not compared at below 32°. This means at least nine readings on every thermometer and four to six additional readings at low temperatures on all mercurial and alcohol thermometers, making an average of about thirteen readings for each thermometer. This work and that of deducing and tabulating the corrections from the thousands of readings involved is performed in the most satisfactory manner by Mr. Samuel A. Potter.

It is only by such a rigid system of inspection, testing, comparison, and adjustment of instrumental apparatus that a high standard of excellence and accuracy can be maintained, and it may fairly be affirmed that the instruments of the United States Weather Bureau are unsurpassed in respect to their uniform excellence and accuracy by similar instruments anywhere.

MACHINE SHOP.

During the past year the old, antiquated foot lathes, formerly constituting the entire equipment of our repair shop, were replaced by new power-driven lathes and some other machinery.

The repair work on instruments fell considerably in arrears during the period of transition from the old to the new machinery, not only because of the time required in the installation and refitting of the shop, but from the fact that the complete utility of the new machinery depends upon securing a multitude of special tools, cutters, dies, jigs, etc., suited to the particular work in hand; and a great deal of time was expended in the construction of such special tools. Therefore the full value of our improved equipment will only be realized as these special accessories multiply and become more varied with continued work.

For many years we have had but two skilled mechanics in the machine shop, and in the meantime the number of complex automatic instruments at stations has increased from 10 or 15 pieces for the entire service to about 800 now in actual use throughout the service. Some of these are exposed to all degrees of weather conditions and all are subject to more or less deterioration and wear with use. An increase in the force of skilled mechanics is much needed in order to properly keep up the repair work on the great number of instruments now in use.

INSTRUMENTAL RESEARCH WORK.

The routine operations of the instrument division have so wholly absorbed the time, thought, and energies of Prof. C. F. Marvin, the able chief of the division, and the persons engaged therein, as to leave little opportunity for serious application to the several unsolved technical problems involved in the construction and operation of meteorological apparatus. In former years the volume of routine work was much smaller and less exacting than at present, but we earnestly look forward to a time in the near future when the burden of routine duties shall diminish because of the completed state of the instrumental and storm-warning equipments; then our experts will be able to devote at least a portion of their time to special problems.

Professor Marvin expresses high appreciation of the conscientious application and ability with which Mr. D. T. Maring, the assistant chief of the instrument division, has assisted him.

OBSERVATORY BUILDINGS.

In the act making appropriations for the Department of Agriculture for the fiscal year ended June 30, 1902, approved March 2, 1901, Congress included an item for the purchase of a site and erection of a small brick and wooden building at each of the following-named stations for the use of the Weather Bureau, at the amonnts set opposite each, viz: Atlantic City, N. J., $6,000; Hatteras, N. C., $5,000; Fort Canby, Wash., $4,000; Port Crescent, Wash., $3,000; Tatoosh Island, Washington, $5,000, and Point Reyes, Cal., $3,000; and for the purchase and laying of a cable between the mainland and Tatoosh Island, Washington, including general

repairs to telegraph line from Port Crescent to Tatoosh Island, Washington, $20,000; in all, $46,000, with the proviso that if any of the money for these several buildings and cable remained unexpended it might be used in the repair, improvement, and equipment of the buildings owned by the Government and occupied by the Weather Bureau at Cape Henry, Virginia, Bismarck, N. Dak., Kittyhawk, N. C., and Jupiter, Fla.

Under this authority the work was immediately taken up by the Weather Bureau, and the following buildings were erected during the year at the total cost set opposite each, viz:

Atlantic City, N. J.	$6,000.00
Hatteras, N. C.	5,000.00
Fort Canby (North Head), Wash.	3,992.63
Port Crescent, Wash.	1,000.00
Tatoosh Island, Washington	4,950.00
Point Reyes, Cal.	2,989.90
	23,932.53

In addition, the following buildings were also repaired, improved, and equipped and supplies purchased therefor at the total cost set opposite each, viz:

Bismarck, N. Dak.	$7,064.14
Jupiter, Fla.	3,358.00
Kittyhawk, N. C.	125.00
Cape Henry, Virginia	5,104.25
Supplies, instruments, etc.	1,647.64
	17,279.03

In regard to the above, however, it may be proper to add that the buildings at Port Crescent, Wash., and Jupiter, Fla., are still in course of construction, but it is expected that they will be completed within the next three months.

It was deemed advisable not to lay a cable between Tatoosh Island and the mainland, Washington, but instead to build a span wire across, in order that the balance of the money thus created might be used in the repair and improvement of the buildings above mentioned. General repairs, however, are now being made to the telegraph line from Port Crescent to Tatoosh Island, Washington, at an approximate cost of $3,000, which leaves a balance of about $1,768.44 to be covered into the Treasury. Only such portion of this special appropriation has been expended as has been absolutely necessary for the work in question, and while the unexpended balance can be used for the purchase of supplies for any of the buildings named, I have felt it my duty not to incur any additional expense against this fund, as I believed that the buildings in question were sufficiently well equipped to meet the needs of the Weather Bureau.

The press has spoken in high terms of the benefit that the buildings will be to the marine and other interests.

In view of the complimentary criticisms from the public and the economy to the Government in owning its own buildings, thereby saving the amounts now paid for rent of office quarters, I recommended that an additional appropriation of $50,000 be asked from Congress for the purchase of sites and the erection of not less than six buildings during the fiscal year ending June 30, 1903, which you approved, and Congress has made an appropriation of the amount named. The places that have been selected for these new buildings, with your approval, are Yellowstone Park, Wyo.; Amarillo, Tex.; Modena, Utah; Key West and Sand Key, Fla., and South Farallone Island, Cal. There has been some difficulty in providing sites for the buildings at Modena and Amarillo, and it is not believed that it will be practicable to erect these buildings before next spring.

LIBRARY.

No change has been made in the ordinary routine of the library. The facility with which the library can be consulted has been greatly enhanced by the completion of the transcribing of the author index on better size cards (standard library). Work has been begun on a subject

index, a most important adjunct to a library, and one the need of which has been acutely felt for years past. No unforeseen interruption occurring, this much-needed index should be completed within the current fiscal year. Conjointly with this subject index of books, author and subject indexes of the meteorological contents of the periodicals currently received have also been started. Bibliography is imperative in scientific research, and as soon as the present exigencies admit, more attention will be devoted to the subject of meteorological bibliography, and the endeavor will be made to close the hiatus caused by the suspension of our bibliographic work some ten years ago to its partial resumption within the last year.

The number of volumes in the library has been increased during the year by 782 accessions, most of which are meteorological reports of other weather services. Many of these works can not be accommodated for lack of space, but remain in sacks and packages stored on the floor. Arrangements, therefore, will soon be made to assign additional room to the library. The Bureau now especially encourages the study of meteorology, not only in the public schools but also in the colleges and the universities of the country. This action is attracting the attention of teachers and students to the central office. It is a place for study, a place where the advantages of the collected data of the world may be obtained, and it is the only place of the sort in this country. In modern research work two instrumentalities stand out coequal and coimportant—library and laboratory—the library, from which to learn what other workers have thought and done; the laboratory, in which to do that which oneself thinks out. The use made by our own officials of the library may be best shown by the fact that there are at present more than 350 volumes charged to and in use in the different divisions and sections of the office. No record has ever been kept of daily calls for books, but it is not improbable that more than a thousand books are taken out of the library for consultation annually. Having what we believe to be the largest and most complete meteorological library extant, it should be our aim to make it the most useful.

EXAMINATIONS.

There have been held during the year 71 examinations—36 of employees not previously examined in any branch, and 35 of employees that had passed the first-grade examinations and who were taking the examinations prescribed for one or more of the other grades or had failed in some branch in which previously examined. It is believed that the purposes of the examinations could be greatly aided if the questions as marked, together with the reasons for the marking, could be submitted to the examinee, and the supervising examiner has been instructed to do so in the future. To tell one that one is in error is of course valuable, but to tell one how he comes to be in error is more valuable—it is educative.

TELEGRAPH LINES.

No change has taken place since the last annual report in the total mileage (367 miles) of telegraph and telephone lines owned and operated by the Weather Bureau, no new lines having been built nor any old ones abandoned during the year.

No extensive line repairs have been needed except on the Tatoosh Island section, where general repairs are now under way, preparatory to the reestablishment of telegraphic communication with the new station about to be erected on that island. A wire span, supported on steel towers, is in course of erection between the island and the mainland, in lieu of a submarine cable which, as costly experience during past years has demonstrated, can not be economically maintained in that locality.

Nineteen nautical miles of two-conductor cable, laid by the Signal Service of the Army in 1898, between Block Island and Narragansett Pier, R. I., were recently transferred to this Bureau. This cable has been out of working order since last January. It was our purpose to recover it, replace the defective parts, and relay it so as to parallel our old Block Island cable, for use in case of an accident to the latter. On taking it up it was found to be too badly worn to justify the expense of again putting it down, and an appropriation of $40,000 is recommended for the purchase and the laying of a new cable and the purchase of ground and erection of necessary buildings at each of the two termini.

The total "this line" receipts from commercial telegrams transmitted over Weather Bureau lines during the year were $2,326.17, an increase of $597.68 over last year's receipts.

The total number of whole days and fractional parts of a day, respectively, on which telegraphic communication over Weather Bureau lines was interrupted is as follows:

	Whole days.	Fractional days.
Port Crescent to Neah Bay, Washington	10	55
San Francisco to Point Reyes, Cal	26	15
Edgartown to Nantucket, Mass	0	0
Block Island to Narragansett, Rhode Island	2	4
Norfolk, Va., to Hatteras, N. C	5	47
Alpena to Middle Island, Michigan	1	6
Alpena to Thunder Bay Island, Michigan	0	0

Under acts passed by the last Congress, specifications and plans are being prepared for purchasing and laying about 50 statute miles (more or less) of submarine telegraph cables, to connect Sand Key, Florida, with Key West, Fla.; South Manitou Island, Michigan, with Glenhaven, Mich., and the Farallone Islands, California, with San Francisco, Cal., via Point Reyes, Cal. A teredo-proof, one-conductor cable, with rubber insulation and twelve No. 8 guard wires, will be used for the Sand Key connection, and gutta-percha cables, with twelve No. 5 guard wires, for the others.

A short telephone line, to connect the new station at North Head, Wash., with the lines terminating at Fort Canby, Wash., is now under construction.

PUBLICATIONS DIVISION.

Total output.

Forecast cards:	Pieces.
Manila	15,785,760
Paper	2,370,105
Station maps	4,087,792
Station forms, all kinds	2,738,130
Weather maps, Washington	539,772
Climate and crop bulletins	140,089
Monthly weather reviews	52,750
Lake charts	44,500
Snow and ice bulletins	31,043
Total	25,789,941

These figures relate only to work done within the division, and do not include miscellaneous printing for the Bureau done under authority of over 800 orders. They mean that 25,750,000 pieces, weighing more than 270 tons, were here printed, cut, bound, or otherwise made into suitable packages, wrapped, and mailed.

Work done at the Government Printing Office.

Forecast cards:	Pieces.
Manila	13,000,000
Paper	13,000,000
Station maps	3,450,000
Total	29,450,000

These were also mailed to stations.

Other printing done at the Government Printing Office includes 2 quarto bulletins, aggregating 2,700 copies; 7 octavo bulletins, aggregating 24,500 copies, and 625,000 miscellaneous forms.

To the above quantities are to be added 2,250,000 blank forecast cards, manila, shipped direct by the contractor to stations, and 2,000,000 paper forecast cards printed here previous to, but mailed after, June 30, 1902.

ILLUSTRATIONS.

	Page.
Chart showing the highest temperature observed at Weather Bureau stations	287
Chart showing lowest temperatures observed at Weather Bureau stations	287
Chart showing mean relative humidity for—	
January	320
July	320
The year	320

PART II.

LIST OF OBSERVING STATIONS AND CHANGES THEREIN DURING 1901.

HOURLY AVERAGES OF ATMOSPHERIC PRESSURE, TEMPERATURE, AND WIND FROM THE RECORDS OF AUTOMATIC INSTRUMENTS AT TWENTY-EIGHT STATIONS.

9235—02——1

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LIST OF OBSERVING STATIONS.

The following table contains the geographic coordinates of the several stations whose summaries are published in Part III, the adopted height of the barometer cistern above mean sea level, and of other instruments above ground, the difference between local mean, and standard time, and the date on which observations began. The standard time used by the Weather Bureau in all of its synchronous work is that of the seventy-fifth meridian (Eastern time), which standard is always understood, unless otherwise expressed.

The elevations given are for January 1, 1901, except at stations established subsequent to that date. (See Table II.) All elevations are the results of precise levels. Changes made during 1901 are given in the second set of figures.

The significance of the bold-face letter or letters following the name of station is as follows:

P=continuous records of pressure (on December 31, 1901);
T=continuous records of temperature (on December 31, 1901);
W=continuous records of wind (direction and velocity) (on December 31, 1901);
V=continuous records of wind (velocity only) (on December 31, 1901);
R=continuous records of rainfall (on December 31, 1901);
S=continuous records of sunshine (on December 31, 1901).

Stations having no letter make an observation of temperature, precipitation, direction of the wind, and the state of the weather daily at 8 p. m.

Summary of stations in operation during the year.

Taking two observations daily (all elements)	145
Taking one observation daily (all elements)	21
Taking one observation daily (temperature, rainfall, wind, and weather)	10
Taking one observation daily (temperature and rainfall only, *cotton region*)	135
Taking one observation daily (temperature and rainfall only, *corn and wheat region*)	131
Taking one observation daily (temperature and rainfall only, *fruit and wheat region*)	8
Taking one observation daily (river and rainfall only)	121
Taking one observation daily (rainfall only)	40
Total paid stations	611
Voluntary stations, about	2,800
Grand total	3,411

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS.

Stations.	Latitude.	Longitude.	Local meridian time, faster or slower than 75th meridian.	Elevation Dec. 31, 1901. Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.	Observations began.	Date of changes in elevation.
	° ′	° ′	*h. m.*	*Feet.*	*Feet.*	*Feet.*	*Feet.*		
Abilene, **P T W**	32 23	99 40	1 39 S.	1,738	45	36	54	Sept. 14, 1885	
Albany, **P T W R S**	42 39	73 45	05 F.	97	84	99	113	Dec. 22, 1873	
					102	100	115	.....	Oct. 7, 1901
Alpena, **P T W R S**	45 05	83 30	34 S.	609	63	54	80	Sept. 10, 1872	
Amarillo, **P T V**	35 13	101 50	1 47 S.	3,676	54	46	61	Jan. 1, 1892	
Astoria, **P V**	46 11	124 00	3 16 S.	20	57	36	64	Nov. 1, 1883	
Atlanta, **P T W R S**	33 45	84 23	38 S.	1,174	139	132	156	Sept. 25, 1878	
					190	182	216	.....	Aug. 16, 1901
Atlantic City, **P T W R S**	39 22	74 25	02 F.	52	68	58	76	Dec. 10, 1873	
Augusta, **P T W**	33 28	81 54	28 S.	180	89	54	103	Nov. 2, 1870	
Baker City, **T V**	44 50	117 50	2 51 S.	3,471	53	40	58	July 9, 1889	
Baltimore, **P T W R S**	39 18	76 37	06 S.	123	68	73	82	Jan. 1, 1871	

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS—Continued.

Stations.	Latitude.	Longitude.	Local meridian time faster or slower than 75th meridian.	Elevation Dec. 31, 1901. Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.	Observations began.	Date of changes in elevation.
	° ′	° ′	h. m.	Feet.	Feet.	Feet.	Feet.		
Binghamton, P T W R S	42 08	75 55	04 S.	869	79	71	90	Oct. 1, 1896	
Bismarck, P T W R S	46 47	100 38	1 43 S.	1,674	16	2	29	Sept. 15, 1874	
Block Island, V	41 10	71 36	14 F.	26	11	3	70	Sept. 1, 1880	
Boise, P T W R S	43 37	116 08	2 45 S.	2,739	61	51	68	July 1, 1877	
Boston, P T W R S	42 21	71 04	16 F.	125	115	154	181	Nov. 1, 1870	
Buffalo, P T W R S	42 53	78 53	16 S.	767	178	168	206	....do	
Cairo, P T W R S	37 00	89 10	57 S.	356	87	80	93	June 1, 1871	
Cape Henry, V	36 56	76 00	04 S.	18	5	3	33 58	Dec. 15, 1873	Aug. 15, 1901
Cape May, T V	38 56	74 51	01 F.	17	47	39	51	July 16, 1897	
Carson City, P T W R S	39 10	119 46	2 59 S.	4,720	82	77	92	Dec. 1, 1887	
Charleston, P T W R S	32 47	79 56	20 S.	48	14	76	92	Jan. 5, 1871	
Charlotte, P T W R S	35 13	80 51	23 S.	773	68	60	76	Oct. 6, 1878	
Chattanooga, P T W S	35 04	85 14	41 S.	762	106	98	112	Sept. 12, 1875	
Cheyenne, P T W R S	41 08	104 48	1 59 S.	6,088	56	49	64	Nov. 1, 1870	
Chicago, P T W R S	41 53	87 37	50 S.	823	241	238	274	....do	
Cincinnati, P T W R S	39 06	84 30	38 S.	628	152	145	157	....do	
Cleveland, P T W R S	41 30	81 42	27 S.	762	190	161 163	201	....do	Feb. 1, 1901
Columbia, Mo., P T W R S	38 57	92 20	1 09 S.	784	4	3	84	Aug. 21, 1889	
Columbia, S. C., P T W R S	34 00	81 03	24 S.	351	5 114	3 107	122	June 5, 1887	Feb. 15, 1901
Columbus, P T W R S	39 58	83 00	32 S.	824	87	81	100	July 1, 1878	
Concordia, V	39 35	97 41	1 31 S.	1,398	42	34	47	May 1, 1885	
Corpus Christi, P T W R S	27 49	97 25	1 30 S.	20	42 48	34 38	50 53	Feb. 1, 1887	July 10, 1901
Davenport, P T W R S	41 30	90 38	1 03 S.	606	71	64	79	May 24, 1871	
Denver, P T W R S	39 45	105 00	2 00 S.	5,291	79	74	151	Nov. 19, 1871	
Des Moines, P T W R S	41 35	93 37	1 14 S.	861	84	75	88	July 29, 1877	
Detroit, P T W R S	42 20	83 03	32 S.	730	160 153	147	190 193	Nov. 1, 1870	Apr. 10, 1901
Dodge, P T W R S	37 45	100 00	1 40 S.	2,509	44	36	52	Sept. 15, 1874	
Dubuque, P T W S	42 30	90 44	1 03 S.	698	101	92	109	July 2, 1873	
Duluth, P T W R	46 47	92 06	1 08 S.	702	95	90	116	Nov. 1, 1870	
Eagle, P T V	64 46	141 12	4 25 S.	a 573	6	3	26	Aug. 16, 1899	Closed Oct. 31, 1901.
Eastport, P T W R S	44 54	66 59	32 F.	76	69	62	74	Apr. 1, 1873	
Elkins, P T W R S	38 53	79 49	19 S.	1,940	41	34	50	Jan. 1, 1899	
El Paso, P T W	31 47	106 30	2 06 S.	3,762	10	2	110	Apr. 1, 1878	
Erie, P T W R S	42 07	80 05	20 S.	713	92	82	102	May 25, 1873	
Escanaba, P T W R S	45 48	87 05	48 S.	612	43	37	57	May 24, 1871	
Eureka, P T V S	40 48	124 11	3 17 S.	62	62	53	69 80	Jan. 1, 1887	Dec. 16, 1901
Evansville, P T W R	37 58	87 33	50 S.	431	72	66	82	Dec. 1, 1897	
Flagstaff, T W	35 12	111 37	2 26 S.	6,907	12	3	25	Sept. 9, 1898	
Fort Smith, P T W R S	35 22	94 24	1 18 S.	457	79	72	94	Apr. 13, 1879	
Fort Worth, P T W R S	32 43	97 15	1 29 S.	670	106	3	114	Sept. 1, 1898	
Fresno, P T W R S	36 43	119 49	2 59 S.	330	67	54	70	Aug. 18, 1887	
Galveston, P T W R S	29 18	94 50	1 19 S.	54	106	98	112	Apr. 19, 1871	
Grand Haven, P T W S	43 05	86 13	45 S.	632	55 54	48	92	May 24, 1871	July 24, 1901
Grand Junction, P T W R S	39 09	108 33	2 14 S.	4,608	43	36	51	Jan. 1, 1899	
Greenbay, T V	44 31	88 00	52 S.	617	49	41	57	Sept. 1, 1886	
Hannibal, P T V R	39 41	91 20	1 05 S.	534	75	68	110	Apr. 16, 1892	
Harrisburg, P T W R S	40 16	76 52	07 S.	374	94	87	104	July 1, 1888	
Hatteras, P W R	35 15	75 40	03 S.	11	17	3	42	Dec. 1, 1880	
Havre, P T W	48 34	109 40	2 19 S.	2,505	46	38	53	May 16, 1892	
Helena, P T W S	46 34	112 04	2 28 S.	4,110	88	80	93 94	Apr. 1, 1880	Nov. 6, 1901
Houghton, P T W S	47 03	88 34	54 S.	668	66	57	74	Aug. 26, 1900	
Huron, P T W R S	44 21	98 14	1 33 S.	1,306	56	52	67	July 1, 1881	
Independence, P T W S	36 48	118 12	2 53 S.	3,910	51	43	58	Dec. 1, 1894	
Indianapolis, P T W R S	39 46	86 10	45 S.	822	154	146	164	Feb. 10, 1871	
Ithaca, P T W R S	42 27	76 29	6 S.	836					
Jacksonville, P T W R S	30 20	81 39	27 S.	43	69	59	84	Sept. 11, 1871	
Jupiter, P W R S	26 57	80 07	20 S.	28	10	3	30	Jan. 1, 1888	
Kalispell, P T W R S	48 10	114 25	2 38 S.	2,965	45	37	51	May 3, 1899	

a Barometric determination.

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS—Continued.

Stations.	Latitude.	Longitude.	Local meridian time faster or slower than 75th meridian.	Elevation Dec. 31, 1901.				Observations began.	Date of changes in elevation.
				Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.		
	° ′	° ′	h. m.	Feet.	Feet.	Feet.	Feet.		
Kansas City, P T W R S...	39 05	94 37	1 18 S.	963	78	81	95	Apr. 21, 1873	
Keokuk, V	40 22	91 26	1 06 S.	614	63	56	78	July 16, 1871	
Key West, P T W R S.....	24 34	81 49	27 S.	22	43	34	50	Nov. 1, 1870	
Kittyhawk, V	36 00	75 42	03 S.	8	12	2	30	Jan. 15, 1875	
Knoxville, P T W R S.....	35 56	83 58	36 S.	1,004	10	3	88	Jan. 20, 1871	
La Crosse, P T V	43 49	91 15	1 05 S.	714	70	61	78	Oct. 15, 1872	
Lander, P T V	42 50	108 45	2 15 S.	5,372	28 26	17	36	Aug. 1, 1891	Sept. 3, 1901
Lansing, P T W R S.....	42 44	84 32	38 S.	881	72	3	79	Feb. 1, 1895	
Lewiston, P T W R S.....	46 25	117 02	2 48 S.	757	52	45	61	Oct. 1, 1900	
Lexington, P T W R S.....	38 02	84 33	38 S.	989	75	68	102	Oct. 1, 1872	
Lincoln, P T W R S.....	40 49	96 45	1 27 S.	1,189	75	4	84	Aug. 8, 1894	
Little Rock, P T W R S....	34 45	92 06	1 08 S.	357	93	85	100	Apr. 21, 1873	
Los Angeles, P T W R S...	34 03	118 15	2 53 S.	338	74	66	82	July 1, 1877	
Louisville, P T W R S.....	38 15	85 45	43 S.	525	114	107	136	Sept. 11, 1871	
Lynchburg, P T W	37 25	79 09	17 S.	681	83	76	88	May 24, 1871	
Macon, P T W R S.....	32 50	83 38	35 S.	370	93	86	99	Apr. 8, 1899	
Marquette, P T W	46 34	87 24	50 S.	734	79	69	116	May 11, 1871	
Memphis, P T W R.....	35 09	90 03	1 00 S.	397	140	134	154	Feb. 28, 1871	
Meridian, P T W R S.....	32 21	88 40	55 S.	375	84	3	93	Sept. 1, 1889	
Miles City, P V	46 25	105 49	2 03 S.	2,371	42	33	50	Oct. 1, 1891	
Milwaukee, P T W R S....	43 02	87 54	52 S.	681	124	116	142	Nov. 1, 1870	
Minneapolis, P T W S.....	44 59	93 18	1 13 S.	.....	99	95	208	Nov. 6, 1890	
Mobile, P T V	30 41	88 02	52 S.	57	88	78	96	Nov. 7, 1870	
Modena, V	37 48	113 54	2 36 S.	5,479	10	2	38	Jan. 1, 1901	
Montgomery, P T W R S...	32 23	86 18	45 S.	223	100	70	112	Nov. 9, 1870	
Moorhead, P T W	46 52	96 44	1 27 S.	935	54	44	60	Jan. 31, 1881	
Mount Tamalpais, P T W S.	37 56	122 35	3 10 S.	2,375	11	5	18	Sept. 2, 1898	
Nantucket, P T W R.....	41 17	70 06	20 F.	12	43	38	85	Oct. 18, 1886	
Narragansett Pier	41 19	71 17	15 F.	.....	10	1	38	Apr. 1, 1882	
Nashville, P T W R S.....	36 10	86 47	47 S.	546	122	115	131	Nov. 1, 1870	
Neah Bay, P V	48 22	124 32	3 18 S.	50	7	2	24 50	July 12, 1898	Sept. 14, 1901
New Haven, P T W R S...	41 18	72 56	08 F.	106	117	110	140	Dec. 10, 1872	
New Orleans, P T W R S ..	29 58	90 04	1 00 S.	51	88	78	121	Nov. 1, 1870	
New York, P T W R S.....	40 43	74 00	04 F.	314	108	304	350	.....do	
Norfolk, P T W R S.....	36 51	76 17	05 S.	91	102	96	111	Jan. 1, 1871	
Northfield, P T W R S.....	44 10	72 41	09 F.	876	15	2	65	Mar. 1, 1887	
North Platte, T V	41 08	100 45	1 43 S.	2,821	43	35	52	Sept. 18, 1874	
Oklahoma City, P T W R S.	35 26	97 33	1 30 S.	1,214	54	46	62	Nov. 1, 1890	
Omaha, P T W R S.....	41 16	95 56	1 24 S.	1,105	115	107	121	Nov. 1, 1870	
Oswego, P T V	43 29	76 35	06 S.	335	76	68	87 91	.....do	Apr. 12, 1901
Palestine, P V	31 45	95 40	1 23 S.	510	73	68	79	Dec. 3, 1881	
Parkersburg, P T W R S...	39 16	81 36	26 S.	638	77	69	84	July 1, 1888	
Pensacola, T V	30 25	87 13	49 S.	56	78	79	90 96	Oct. 27, 1879	Aug. 31, 1901
Philadelphia, P T W R S...	39 57	75 09	01 S.	117	168	166	184	Jan. 1, 1871	
Phoenix, T W S	33 28	112 00	2 28 S.	1,108	47 50	39 40	57 56	Aug. 6, 1895	Aug. 1, 1901
Pierre, P V	44 22	100 21	1 41 S.	1,572	43	37	50	July 1, 1891	
Pittsburg, P T W R S.....	40 32	80 02	20 S.	842	116	101	123	Nov. 1, 1870	
Pocatello, P T W R S.....	42 52	112 29	2 30 S.	4,482	48 46	39 37	56 54	July 1, 1899	June 30, 1901
Point Reyes Light, V.....	38 11	122 51	3 11 S.	.....	12	1	16	Mar. 1, 1889	
Port Crescent, V	48 08	123 41	3 15 S.	259	13	2	20	Oct. 1, 1898	
Port Huron, P T W S.....	43 00	82 26	30 S.	638	70	63	120	July 25, 1874	
Portland, Me., P T W R S..	43 39	70 15	19 F.	103	81	75	117	Jan. 15, 1871	
Portland, Oreg., P T W R S.	45 32	122 43	3 11 S.	154	203	145	213	Nov. 1, 1870	
Pueblo, P T W R S.....	38 18	104 36	1 58 S.	4,685	80	71	86	July 1, 1888	
Raleigh, P T W R S.....	35 45	78 37	14 S.	376	93	85	101	Apr. 1, 1884	
Rapid City, P T V.....	44 04	103 12	1 53 S.	3,234	46	35	50	Jan. 24, 1881	
Redbluff, T V	40 10	122 15	3 09 S.	332	50	40	56	July 1, 1877	
Richmond, P T W R.....	37 32	77 27	10 S.	144	82	76	90	Oct. 5, 1897	
Rochester, P T W R S.....	43 08	77 42	11 S.	523	81	78	90 102	Nov. 1, 1870	Mar. 29, 1901
Roseburg, P T W R S.....	43 13	123 20	3 13 S.	518	56	48	67	July 15, 1877	

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS—Continued.

Stations.	Latitude.	Longitude.	Local meridian time faster or slower than 75th meridian.	Elevation Dec. 31, 1901. Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.	Observations began.	Date of changes in elevation.
	° ′	° ′	h. m.	*Feet.*	*Feet.*	*Feet.*	*Feet.*		
Sacramento, PTW	38 35	121 30	3 06 S.	69	106	100	117	July 1, 1877	
St. Louis, PTWRS	38 38	90 12	1 01 S.	567	111	100	210	Nov. 1, 1870	
St. Paul, PTWRS	44 58	93 03	1 12 S.	837	114	93	124	.....do.....	
Salt Lake City, PTWRS	40 46	111 54	2 28 S.	4,366	105	97	110	Mar. 19, 1874	
San Antonio, PW	29 27	98 28	1 34 S.	701	67	58	77	Jan. 2, 1876	
					80	72	91	.....	Mar. 1, 1901
San Diego, PTWRS	32 43	117 10	2 49 S.	87	94	86	102	Nov. 1, 1871	
Sandusky, PTWRS	41 25	82 40	31 S.	629	62	55	70	Aug. 2, 1877	
San Francisco, PTWRS	37 48	122 26	3 10 S.	155	161	154	167	Feb. 2, 1871	
San Luis Obispo, PV	35 18	120 39	3 03 S.	201	10	3	46	June 1, 1885	
Santa Fe, PTWS	35 41	105 57	2 04 S.	7,013	47	39	50	Nov. 20, 1871	
Sault Ste. Marie, PTWRS	46 30	84 21	37 S.	614	40	35	61	Aug. 5, 1877	
Savannah, PTWRS	32 05	81 05	24 S.	65	79	74	89	Jan. 1, 1871	
Scranton, PTWS	41 24	75 42	03 S.	805	111	102	119	Aug. 17, 1900	
Seattle, PTWRS	47 38	122 20	3 09 S.	123	114	107	121	May 1, 1893	
Shreveport, PTV	32 30	93 40	1 15 S.	249	77	76	84	Sept. 3, 1871	
Sioux City, PTV	42 29	96 24	1 26 S.	1,135	96	86	164	Dec. 1, 1887	
Spokane, PTWRS	47 40	117 25	2 50 S.	1,943	99	90	107	Feb. 1, 1881	
Springfield, Ill., PWRS	39 48	89 39	59 S.	644	82	76	93	July 1, 1879	
Springfield, Mo., PTWRS	37 12	93 18	1 13 S.	1,324	100	3	103	June 3, 1882	
					98	.....	104	.....	Jan. 8, 1901
Tacoma, PTWS	47 16	122 23	3 10 S.	213	113	104	120	May 1, 1897	
Tampa, PTWRS	27 57	82 27	30 S.	34	60	51	67	Mar. 13, 1890	
Taylor, PTWS	30 35	97 20	1 29 S.	583	55	48	63	Nov. 13, 1901	
Toledo, PTWRS	41 40	83 34	34 S.	628	123	112	127	Nov. 1, 1870	
Topeka, TWRS	39 03	95 41	1 23 S.	.....	81	73	89	June 1, 1887	
Twin	48 12	123 56	3 16 S.	.....	5	4	.....	Mar. 3, 1899	
Valentine, PTWRS	42 50	100 32	1 42 S.	2,598	39	30	40	Sept. 1, 1885	
Vicksburg, PTWRS	32 22	90 53	1 04 S.	247	62	53	74	Sept. 10, 1871	
Walla Walla, V	46 02	118 20	2 53 S.	1,000	65	56	73	Dec. 1, 1885	
Washington City, PTWRS	38 54	77 03	08 S.	112	59	42	76	Nov. 1, 1870	
Wichita, V	37 41	97 20	1 29 S.	1,358	78	71	85	July 1, 1888	
Williston, PTV	48 09	103 35	1 54 S.	1,875	15	2	31	Nov. 24, 1893	
Wilmington, PTWRS	34 14	77 57	12 S.	78	82	76	90	Jan. 1, 1871	
Winnemucca, PV	40 58	117 43	2 51 S.	4,344	59	52	70	July 1, 1877	
Yankton, TWRS	42 54	97 28	1 30 S.	1,233	52	45	58	Apr. 1, 1873	
Yuma, V	32 45	114 36	2 38 S.	141	16	2	50	Oct. 4, 1875	
WEST INDIAN STATIONS.									
St. Kitts.									
Basseterre, PTWRS	17 18	62 43	49 F.	29	41	39	54	Aug. 25, 1898	
Barbados.									
Bridgetown, PTWRS	13 04	59 37	1 2 F.	30	57	49	65	Aug. 15, 1898	
Cuba.									
Cienfuegos, PTWRS	22 11	80 33	22 S.	52	62	53	67	Apr. 28, 1899	
Havana, PTWRS	23 09	82 21	29 S.	57	87	79	105	Feb. 1, 1899	
Puerto Principe, PTWRS	21 23	77 56	12 S.	352	55	46	62	June 24, 1899	
Santiago de Cuba, PTWRS	19 55	75 50	03 S.	82	26	19	31	Aug. 11, 1898	
					46	39	52	.....	Sept. 9, 1901
Jamaica.									
Kingston, PTWRS	17 58	76 48	07 S.	286	38	38	52	Aug. 16, 1898	
Trinidad.									
Port of Spain, PTWRS	10 35	61 30	54 F.	40	65	48	66	Aug. 7, 1898	

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS—Continued.

Stations.	Latitude.	Longitude.	Local meridian time faster or slower than 75th meridian.	Elevation Dec. 31, 1901.				Observations began.	Date of changes in elevation.
				Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.		
Dominica.	° ′	° ′	*h. m.*	*Feet.*	*Feet.*	*Feet.*	*Feet.*		
Roseau, **P T W R S**	15 17	61 23	54 F.	25	37	32	47	Oct. 20, 1898	
Porto Rico.									
San Juan, **P T W R S**	18 29	66 07	36 F.	82	48	40	90	Nov. 1, 1898	
Santo Domingo.									
Santo Domingo, **P T W R S**	18 28	69 53	20 F.	57	37	30	44	.....do	
Curaçao.									
Willemstad, **P T W R S**	12 06	68 56	24 F.	75	39	32	46	Aug. 9, 1898	
Turks Island.									
Grand Turk, **P V**	21 21	71 07	16 F.	11	6	2	20	July 1, 1900	
Bermuda.									
Hamilton, **P**	32 16	64 46	41 F.	14	.....	.....	35	Dec. 17, 1900	

TABLE II.—CHANGES IN WEATHER BUREAU STATIONS DURING 1901.

ESTABLISHED.

Stations.	Latitude.	Longitude.	Date of establishment.
	° ′	° ′	
Modena, Utah	37 48	113 54	Jan. 1
Taylor, Tex	30 35	97 20	Nov. 13
COTTON.			
Ardmore, Ind. T	34 4	97 5	July 1
Chandler, Okla	35 40	96 55	Do.
Durant, Ind. T	33 57	96 20	Do.
Holdenville, Ind. T	35 5	96 30	Do.
Mangum, Okla	34 49	99 29	Do.
Marlow, Ind. T	34 35	97 50	Do.
Muskogee, Ind. T	35 45	95 25	Do.
Selma, Ala	32 25	87 4	Aug. 1
Shawnee, Okla	35 20	96 57	July 1
Stillwater, Okla	36 10	97 5	Do.
Weatherford, Okla	35 25	98 50	Do.
CORN AND WHEAT.			
Estherville, Iowa	43 24	94 50	Apr. 1
Keosauqua, Iowa	40 44	91 57	Do.
Montevideo, Minn	44 55	95 45	Do.
Storm Lake, Iowa	42 38	95 11	May 1
FRUIT AND WHEAT.			
Hanford, Cal	36 17	119 32	July 16
Hollister, Cal	36 51	121 37	Do.
Napa, Cal	38 18	122 17	Do.
Palermo, Cal	39 30	121 30	Do.
Riverside, Cal	34 0	117 20	Do.
San Jose, Cal	37 20	121 52	Do.
Santa Maria, Cal	34 58	120 29	Do.
Ventura, Cal	34 27	119 8	Do.
SPECIAL RIVER.			
Booth, Tex	29 40	95 56	May 10
Bowling Green, Ky	36 58	86 25	Dec. 1
Clarion, Pa	41 14	79 24	Nov. 1
Cumberland, Md	39 39	78 45	Sept. 1
Eagle Pass, Tex	28 40	100 29	Jan. 1
Frankfort, Ky	38 12	84 53	Mar. 20
Highbridge, Ky			Do.
Laredo, Tex	27 33	99 27	Jan. 1
Warfield, Ky	37 45	82 20	Nov. 15
New Madrid, Mo	36 30	89 30	Mar. 1
Riverton, Va	38 57	78 11	Sept. 1
Saltsburg, Pa	40 31	79 26	Nov. 1
Williamson, Ky	36 47	84 10	Do.

DISCONTINUED.

Eagle, Alaska	64 46	141 12	Oct. 31
COTTON.			
Pineapple, Ala	31 53	87 2	July 31
SPECIAL RIVER.			
Arlington, Mo	37 59	91 57	July 2
Lock No. 4, Ala	33 30	86 10	Oct. 31
Philippi, W. Va	39 15	80 5	Nov. 30
SPECIAL RAINFALL.			
Cumberland, Md	39 39	78 45	Aug. 31

EXPLANATION OF THE TABLES.

(ALFRED J. HENRY, *Professor of Meteorology.*)

Pressure.—The barograph in use at the Washington station is described on page 43, Report of the Chief of the Weather Bureau, 1891–92. Richard barographs are in use at the remaining stations.

The readings of the mercurial barometer at 8 a. m. and 8 p. m. are adopted as the standard of reference, and corrections for intermediate hours, interpolated from the known differences at 8 a. m. and 8 p. m., are applied to the curve throughout the twenty-four hours. The averages given in the tables are therefore those of the standard mercurial barometer at 8 a. m. and 8 p. m., seventy-fifth meridian time, respectively, corrected for temperature, instrumental error, and reduced to standard gravity, and the corrected barograph readings for the remaining hours.

The corrections applied to individual hourly readings vary in magnitude. The average is about 0.02 of an inch, while in extreme cases it may be 0.06 or 0.08 of an inch, depending somewhat upon the skill of the observer in keeping the instrument in adjustment.

The hourly values are read off to the nearest hundredth of an inch, but the averages in the tables are given to thousandths of an inch, in conformity with the plan adopted in the Monthly Weather Review.

The probable uncertainty in the figures here given, due to errors in reading from the barograph sheets, and any systematic error of the barograph, not wholly eliminated by the comparison at 8 a. m. and 8 p. m., is about 0.02 of an inch.

Temperature.—The mean hourly temperatures given in the tables have been deduced from thermographs described and figured in the Report of the Chief of the Weather Bureau, 1891–92, page 29. These instruments are placed in the standard shelter with other thermometers, and are checked daily for time errors, and for agreement with the standard dry-bulb thermometer of the whirled psychrometer at 8 a. m. and 8 p. m. and with the readings of the maximum and minimum thermometers.

In transcribing the hourly values the readings of the dry-bulb thermometer at 8 a. m. and 8 p. m. are adopted as the standard of reference, and these readings are given in the appropriate columns of the tables. Corrections for intermediate hours, interpolated from the known differences at 8 a. m., 8 p. m., and the time of occurrence of the daily maximum and minimum temperatures, respectively, are applied to the curve throughout the twenty-four hours, thus making it conform as closely as practicable to the readings of standard thermometers. The averages given in the tables are therefore those of the standard dry-bulb thermometer at 8 a. m. and 8 p. m., and the corrected thermograph readings for intermediate hours.

The means of the daily maximum and minimum temperatures have been derived from readings of standard self-registering maximum and minimum thermometers.

In general, the magnitude of the corrections applied is about 1° F., although a number of instruments accord with the standard dry-bulb thermometer within less than a degree.

Wind.—The arithmetical means of the hourly movement of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism described and illustrated in the Report of the Chief of the Weather Bureau, 1891–92, page 19, follow the temperature tables in this report. No corrections have been applied to reduce the registered velocities to true velocities.

In studying the diurnal variation of wind movement the following facts should be kept in mind. In graduating the dials of the various sizes of Robinson anemometers it has been assumed by the makers that the centers of the cups move only one-third as fast as the wind, although numerous experiments have demonstrated that cups and arms of various proportions require different formulæ and tables of reduction even in perfectly steady motion. Professor Marvin has shown that for ordinary gusty winds, when the anemometer cups rapidly vary their rate of rotation, the movement of inertia of the revolving parts is a most important factor. The instruments having the least inertia record most truly, and those having large inertia exceed these in proportion as the gusts are stronger; consequently the anemometer records are liable to be too large in the gusty winds of the daytime as compared with the more steady winds of nighttime. No correction for this inertia error has been determined, nor can be, unless we have simultaneous records with two anemometers having different moments of inertia; therefore the apparent diurnal variation of wind velocity includes a slight inertia error, which is probably periodic in character between the winds of daytime and nighttime.

While the gustiness of the ordinary wind—that is, its sudden and momentary fluctuations of velocity—must be regarded as highly variable, yet in practical anemometry it is not possible to do more than make an average allowance for its effect upon an anemometer.

For the ordinary gusty winds of the free atmosphere Professor Marvin adopts the following equation, expressing the relation between the motion of the cups and the velocity of the wind at any moment:

$$\text{Log. } V = 0.500 + 0.9012 \log. v;$$

where V is velocity of wind in miles per hour and v is the linear velocity (also in miles per hour) of the cup centers. This equation applies strictly to anemometers that have 4-inch hemispherical brass cups on arms 6.72 inches long, whose revolving parts weigh about 590 grams (22 ounces) and have a moment of inertia of about 50,000 C. G. S. units.

The following table gives the corrected velocities corresponding to observed velocities up to 90 miles per hour. The tabular values corresponding to indicated velocities greater than 60 miles per hour are uncertain, as direct experiments were not made at the higher velocity:

WIND VELOCITIES, AS INDICATED BY WEATHER BUREAU ANEMOMETER, CONVERTED TO TRUE VELOCITIES (IN MILES PER HOUR).

Indicated velocity.	0	1	2	3	4	5	6	7	8	9
0						5.1	6.0	6.9	7.8	8.7
10	9.6	10.4	11.3	12.1	12.9	13.8	14.6	15.4	16.2	17.0
20	17.8	18.6	19.4	20.2	21.0	21.8	22.6	23.4	24.2	24.9
30	25.7	26.5	27.3	28.0	28.8	29.6	30.3	31.1	31.8	32.6
40	33.3	34.1	34.8	35.6	36.3	37.1	37.8	38.5	39.3	40.0
50	40.8	41.5	42.2	43.0	43.7	44.4	45.1	45.9	46.6	47.3
60	48.0	48.7	49.4	50.2	50.9	51.6	52.3	53.0	53.8	54.5
70	55.2	55.9	56.6	57.3	58.0	58.7	59.4	60.1	60.8	61.5
80	62.2	62.9	63.6	64.3	65.0	65.8	66.4	67.1	67.8	68.5
90	69.2									

The maximum wind velocity, in miles per hour, for a five-minute period, is given in the column headed "Max. vel."

The figures under the several headings, "N.," "NE.," etc., indicate the number of hours that the wind blew from the direction given at the top of the column.

References—H=Adopted height of barometer above sea level; H_1=Actual height of barometer above sea level; h_t=Height of thermometer above ground; h_a=Height of anemometer cups above ground.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BISMARCK, N. DAK.

[λ=46° 47′ N.; φ=100° 38′ W.; local time, 1^h 43^m slow; H=1,674 ft.]

1901.	1^h a. m.	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	Noon.	1^h p. m.
Jan	28.233	.231	.228	.227	.224	.224	.220	.222	.219	.220	.217	.218	.202
Feb	28.348	.349	.349	.348	.344	.341	.346	.350	.356	.358	.352	.351	.346
Mar	28.186	.188	.185	.184	.179	.178	.181	.185	.187	.187	.185	.182	.177
Apr	28.272	.273	.271	.272	.275	.278	.283	.285	.289	.283	.279	.274	.259
May	28.198	.205	.210	.211	.215	.221	.231	.233	.234	.230	.222	.212	.198
June	28.069	.068	.069	.063	.075	.075	.078	.084	.092	.094	.094	.092	.087
July	28.160	.157	.160	.162	.165	.177	.179	.181	.189	.184	.182	.179	.169
Aug	28.255	.257	.257	.262	.265	.268	.275	.280	.284	.284	.282	.279	.266
Sept	28.205	.206	.209	.209	.211	.215	.218	.221	.224	.222	.221	.215	.205
Oct	28.266	.268	.271	.272	.270	.271	.273	.274	.281	.285	.284	.282	.272
Nov	28.326	.324	.319	.323	.320	.322	.323	.324	.334	.339	.339	.339	.328
Dec	28.241	.239	.232	.232	.231	.227	.225	.228	.230	.231	.232	.233	.225
Year	28.230	.230	.230	.230	.231	.233	.236	.239	.243	.243	.241	.238	.228

BOSTON, MASS.

[λ=42° 21′ N.; φ=71° 4′ W.; local time, 16^m fast; H=125 ft.]

Jan	29.806	.810	.813	.808	.809	.816	.826	.835	.845	.848	.834	.805	.787
Feb	29.605	.605	.600	.559	.603	.611	.617	.622	.624	.616	.608	.591	.578
Mar	29.765	.754	.748	.750	.757	.767	.778	.783	.785	.783	.774	.764	.750
Apr	29.833	.828	.823	.823	.829	.839	.849	.857	.862	.864	.862	.856	.852
May	29.762	.753	.749	.749	.758	.767	.773	.777	.778	.780	.775	.767	.763
June	29.822	.820	.818	.823	.829	.845	.847	.847	.844	.841	.835	.826	.820
July	29.807	.805	.800	.800	.807	.816	.824	.830	.829	.827	.823	.814	.805
Aug	29.905	.901	.902	.902	.908	.917	.925	.930	.932	.934	.927	.922	.915
Sept	29.921	.915	.916	.917	.920	.927	.936	.943	.945	.942	.933	.921	.909
Oct	29.975	.974	.971	.971	.974	.977	.987	.995	.998	.993	.983	.968	.950
Nov	29.786	.783	.781	.781	.786	.789	.798	.807	.808	.805	.793	.778	.768
Dec	29.925	.926	.926	.917	.913	.913	.918	.918	.918	.917	.897	.878	.872
Year	29.826	.823	.821	.817	.824	.832	.840	.845	.847	.846	.837	.824	.814

BUFFALO, N. Y.

[λ=42° 53′ N; φ=78° 73′ W; local time, 16^m slow; H=767 ft.]

Jan	29.127	.126	.133	.128	.125	.129	.135	.139	.148	.153	.155	.142	.120
Feb	29.088	.086	.084	.083	.084	.087	.093	.101	.106	.108	.109	.099	.090
Mar	29.044	.046	.043	.036	.037	.038	.045	.044	.049	.048	.047	.039	.026
Apr	29.193	.189	.187	.189	.192	.202	.211	.213	.214	.216	.208	.203	.190
May	29.052	.044	.039	.040	.045	.053	.059	.065	.067	.067	.065	.059	.053
June	29.141	.138	.136	.138	.146	.154	.162	.162	.170	.169	.165	.162	.156
July	29.137	.137	.135	.136	.145	.153	.164	.169	.171	.167	.168	.163	.154
Aug	29.197	.196	.192	.194	.199	.209	.219	.222	.227	.230	.230	.225	.214
Sept	29.226	.223	.223	.225	.234	.240	.247	.248	.252	.255	.250	.244	.235
Oct	29.266	.266	.265	.267	.276	.284	.290	.299	.305	.302	.298	.289	.271
Nov	29.189	.193	.192	.191	.195	.195	.202	.210	.212	.212	.210	.196	.187
Dec	29.156	.159	.163	.158	.156	.165	.174	.175	.185	.190	.187	.170	.159
Year	29.151	.150	.149	.149	.153	.159	.167	.171	.176	.176	.174	.166	.155

CHICAGO, ILL.

[λ=41° 53′ N; φ=87° 37′ W; local time, 50^m slow; H=823 ft.]

Jan	29.148	.141	.143	.143	.143	.139	.139	.141	.146	.154	.160	.158	.136
Feb	29.160	.160	.160	.160	.158	.159	.162	.170	.172	.179	.184	.183	.175
Mar	28.959	.954	.944	.933	.926	.922	.918	.931	.929	.932	.936	.940	.939
Apr	29.214	.210	.207	.203	.203	.207	.216	.230	.236	.243	.242	.243	.236
May	29.019	.015	.010	.008	.008	.014	.020	.028	.030	.032	.034	.030	.028
June	29.066	.065	.064	.065	.073	.080	.089	.094	.098	.093	.097	.095	.090
July	29.101	.097	.097	.096	.099	.104	.110	.120	.123	.123	.126	.126	.123
Aug	29.147	.144	.142	.142	.144	.147	.154	.156	.163	.166	.168	.163	.162
Sept	29.158	.157	.159	.162	.166	.172	.182	.188	.190	.190	.190	.183	.175
Oct	29.224	.224	.224	.225	.229	.234	.239	.248	.251	.252	.249	.240	.225
Nov	29.236	.234	.237	.235	.235	.238	.242	.252	.260	.264	.262	.256	.242
Dec	29.140	.135	.138	.137	.136	.135	.135	.145	.148	.155	.160	.150	.135
Year	29.131	.128	.127	.126	.127	.129	.134	.142	.146	.149	.151	.147	.139

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BISMARCK, N. DAK.

[Correction applied to reduce to standard gravity, −.02 inch.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.183	.169	.163	.169	.180	.187	.194	.208	.210	.214	.220	.208	.374	.056	Jan.
.333	.317	.307	.304	.308	.317	.322	.333	.337	.343	.346	.338	.472	.216	Feb.
.169	.159	.146	.143	.143	.148	.155	.166	.170	.180	.187	.173	.294	.064	Mar.
.241	.225	.213	.206	.206	.212	.217	.231	.246	.256	.264	.255	.351	.153	Apr.
.187	.175	.166	.158	.155	.152	.154	.165	.176	.187	.198	.196	.272	.109	May.
.080	.072	.069	.059	.052	.046	.046	.054	.059	.065	.068	.071	.167	.966	June.
.162	.152	.144	.135	.124	.123	.124	.128	.138	.150	.156	.157	.240	.069	July.
.257	.245	.234	.226	.218	.215	.216	.229	.244	.253	.257	.255	.333	.162	Aug.
.194	.180	.175	.169	.168	.169	.169	.183	.193	.195	.198	.199	.315	.078	Sept.
.259	.248	.244	.242	.245	.249	.252	.261	.264	.268	.269	.252	.357	.169	Oct.
.316	.305	.301	.304	.308	.313	.316	.318	.322	.320	.319	.321	.451	.174	Nov.
.217	.211	.210	.216	.226	.233	.237	.243	.245	.246	.248	.231	.371	.103	Dec.
.216	.205	.198	.194	.194	.197	.200	.210	.217	.223	.228	.221	.333	.110	Year.

BOSTON, MASS.

[Correction applied to reduce to standard gravity, −.01 inch.]

.780	.783	.787	.790	.800	.807	.805	.809	.808	.805	.799	.809	.984	.629	Jan.
.569	.568	.573	.582	.596	.608	.617	.624	.626	.627	.626	.604	.724	.495	Feb.
.739	.731	.727	.732	.740	.749	.754	.754	.751	.746	.742	.755	.901	.611	Mar.
.846	.843	.845	.842	.843	.849	.858	.860	.857	.855	.853	.847	.945	.746	Apr.
.759	.756	.756	.754	.755	.763	.766	.774	.775	.772	.766	.764	.853	.673	May.
.814	.806	.798	.795	.798	.804	.810	.823	.826	.828	.826	.823	.895	.755	June.
.795	.788	.783	.780	.782	.786	.791	.803	.806	.807	.807	.805	.872	.734	July.
.908	.901	.897	.894	.890	.898	.908	.917	.918	.918	.916	.912	.979	.844	Aug.
.897	.889	.885	.887	.892	.900	.909	.917	.919	.922	.923	.916	.008	.828	Sept.
.938	.936	.938	.945	.954	.962	.968	.975	.979	.978	.977	.969	.085	.856	Oct.
.762	.764	.768	.779	.786	.792	.794	.797	.795	.793	.788	.787	.895	.682	Nov.
.871	.880	.888	.900	.908	.918	.921	.925	.925	.929	.923	.909	.048	.771	Dec.
.806	.804	.804	.807	.812	.820	.825	.832	.832	.832	.829	.825	.932	.719	Year.

BUFFALO, N. Y.

[Correction applied to reduce to standard gravity, −.01 inch.]

.110	.110	.113	.115	.121	.130	.132	.133	.129	.127	.121	.129	.294	.956	Jan.
.084	.080	.085	.090	.094	.105	.108	.112	.113	.110	.107	.096	.202	.982	Feb.
.017	.002	.995	.991	.998	.010	.020	.031	.039	.037	.038	.030	.164	.900	Mar.
.182	.177	.175	.178	.182	.187	.194	.202	.200	.197	.196	.195	.281	.106	Apr.
.050	.041	.035	.035	.033	.038	.041	.049	.050	.049	.047	.049	.127	.966	May.
.151	.143	.134	.128	.128	.133	.135	.147	.151	.156	.154	.148	.208	.084	June.
.147	.137	.125	.116	.115	.115	.115	.128	.134	.139	.137	.142	.204	.076	July.
.207	.195	.192	.187	.182	.186	.188	.199	.202	.200	.203	.204	.257	.144	Aug.
.227	.218	.213	.211	.215	.217	.224	.233	.238	.237	.233	.232	.310	.150	Sept.
.263	.258	.256	.258	.259	.263	.263	.266	.265	.261	.259	.273	.374	.154	Oct.
.180	.182	.187	.192	.200	.204	.204	.201	.199	.195	.194	.197	.307	.085	Nov.
.154	.159	.165	.171	.175	.180	.182	.185	.182	.181	.175	.171	.307	.024	Dec.
.148	.142	.140	.139	.142	.147	.150	.157	.158	.157	.155	.156	.253	.052	Year.

CHICAGO, ILL.

[Correction applied to reduce to standard gravity, −.01 inch.]

.122	.119	.118	.125	.128	.137	.134	.138	.138	.137	.133	.138	.273	.996	Jan.
.159	.148	.147	.147	.151	.158	.162	.167	.171	.172	.172	.164	.269	.050	Feb.
.935	.928	.929	.932	.938	.945	.956	.961	.965	.968	.968	.941	.085	.808	Mar.
.229	.218	.210	.204	.204	.203	.207	.208	.212	.211	.207	.217	.314	.114	Apr.
.024	.013	.006	.003	.004	.004	.005	.006	.014	.017	.016	.016	.091	.938	May.
.081	.076	.071	.063	.058	.055	.058	.065	.071	.077	.073	.076	.135	.007	June.
.114	.108	.100	.087	.079	.077	.076	.087	.101	.106	.105	.104	.159	.040	July.
.156	.148	.140	.135	.130	.129	.132	.142	.146	.149	.149	.148	.203	.092	Aug.
.162	.154	.142	.139	.138	.138	.139	.148	.152	.154	.157	.162	.236	.092	Sept.
.213	.203	.199	.201	.206	.210	.215	.217	.221	.225	.226	.225	.307	.139	Oct.
.232	.225	.226	.227	.231	.234	.233	.233	.235	.234	.232	.239	.324	.125	Nov.
.125	.121	.126	.136	.140	.147	.154	.157	.158	.164	.164	.143	.257	.036	Dec.
.129	.122	.118	.117	.117	.120	.123	.127	.132	.134	.134	.131	.221	.036	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

CINCINNATI, OHIO.

[λ=39° 6′ N.; φ=84° 30′ W.; local time, 38m slow; H=628 ft.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.410	.408	.412	.412	.412	.413	.422	.428	.435	.442	.443	.430	.406
Feb	29.389	.391	.395	.392	.394	.402	.409	.415	.430	.431	.433	.428	.404
Mar	29.244	.240	.233	.225	.224	.226	.232	.238	.237	.235	.234	.229	.217
Apr	29.375	.366	.359	.358	.362	.365	.380	.387	.395	.400	.398	.394	.384
May	29.205	.200	.200	.200	.206	.215	.225	.226	.228	.227	.221	.215	.205
June	29.309	.308	.304	.306	.316	.323	.334	.337	.345	.346	.344	.340	.328
July	29.321	.319	.319	.320	.332	.342	.355	.361	.364	.363	.358	.349	.333
Aug	29.329	.325	.322	.325	.329	.338	.350	.355	.361	.361	.357	.351	.335
Sept	29.385	.386	.390	.394	.402	.411	.425	.432	.438	.439	.434	.425	.407
Oct	29.487	.489	.487	.486	.494	.500	.511	.519	.532	.534	.527	.516	.493
Nov	29.486	.485	.485	.480	.480	.484	.495	.504	.512	.513	.511	.498	.477
Dec	29.385	.385	.390	.389	.389	.387	.395	.402	.411	.421	.425	.413	.388
Year	29.360	.358	.358	.357	.362	.367	.378	.384	.391	.393	.390	.382	.365

CLEVELAND, OHIO.

[λ=41° 38′ N.; φ=81° 42′ W.; local time, 27m slow; H=762 ft.]

Jan	29.180	.184	.191	.190	.187	.188	.195	.195	.205	.213	.207	.190	.169
Feb	29.161	.164	.166	.170	.172	.175	.177	.178	.194	.195	.192	.189	.176
Mar	29.059	.054	.042	.037	.039	.040	.041	.040	.041	.038	.031	.020	.010
Apr	29.212	.205	.203	.205	.211	.219	.229	.229	.233	.233	.228	.223	.217
May	29.045	.039	.040	.041	.049	.057	.064	.069	.070	.069	.064	.060	.054
June	29.155	.145	.145	.150	.159	.168	.175	.182	.187	.187	.187	.184	.176
July	29.155	.157	.159	.166	.172	.180	.186	.186	.190	.188	.190	.187	.177
Aug	29.200	.197	.197	.198	.203	.214	.225	.228	.233	.236	.234	.227	.218
Sept	29.228	.229	.230	.232	.237	.244	.260	.263	.272	.273	.269	.265	.254
Oct	29.303	.301	.301	.307	.314	.320	.330	.338	.339	.336	.330	.320	.305
Nov	29.254	.256	.254	.251	.255	.257	.262	.269	.274	.274	.271	.259	.247
Dec	29.192	.199	.205	.203	.202	.202	.210	.207	.219	.225	.220	.209	.193
Year	29.179	.178	.178	.179	.183	.189	.196	.199	.205	.206	.202	.194	.183

DETROIT, MICH.

[λ=42° 20′ N.; φ=83° 3′ W.; local time, 32m slow; H=730 ft.]

Jan	29.204	.202	.204	.201	.201	.202	.206	.212	.214	.218	.222	.210	.188
Feb	29.199	.196	.196	.194	.194	.199	.201	.208	.212	.218	.220	.217	.210
Mar	29.073	.071	.061	.050	.048	.051	.051	.051	.053	.053	.046	.040	.030
Apr	29.278	.270	.263	.261	.264	.272	.283	.291	.290	.295	.294	.285	.278
May	29.088	.081	.077	.077	.078	.085	.092	.097	.100	.096	.093	.091	.085
June	29.170	.164	.162	.164	.167	.174	.184	.193	.197	.196	.199	.196	.190
July	29.183	.181	.183	.180	.184	.193	.200	.206	.208	.208	.212	.208	.199
Aug	29.222	.220	.220	.221	.225	.233	.239	.250	.253	.255	.255	.249	.240
Sept	29.257	.255	.253	.256	.262	.268	.281	.289	.289	.294	.292	.284	.273
Oct	29.312	.317	.317	.319	.324	.332	.337	.345	.351	.350	.345	.338	.322
Nov	29.293	.289	.293	.292	.295	.295	.300	.304	.311	.312	.316	.306	.291
Dec	29.219	.220	.229	.224	.222	.221	.228	.231	.239	.245	.247	.233	.220
Year	29.208	.206	.205	.203	.205	.210	.217	.223	.226	.228	.228	.221	.210

DODGE, KANS.

[λ=37° 45′ N.; φ=100° W.; local time, 1h 40m slow; H=2,509 ft.]

Jan	27.454	.451	.450	.456	.458	.456	.457	.456	.466	.474	.486	.485	.471
Feb	27.455	.457	.456	.454	.451	.451	.457	.455	.465	.474	.478	.480	.474
Mar	27.297	.296	.296	.291	.287	.289	.295	.296	.301	.304	.302	.297	.282
Apr	27.386	.388	.385	.388	.387	.389	.397	.402	.407	.409	.410	.402	.391
May	27.335	.333	.330	.330	.329	.333	.339	.342	.351	.353	.352	.348	.338
June	27.289	.291	.291	.290	.294	.300	.306	.303	.308	.311	.304	.299	.287
July	27.379	.379	.379	.378	.380	.383	.391	.392	.404	.408	.406	.400	.387
Aug	27.436	.437	.435	.432	.432	.433	.438	.444	.455	.461	.458	.454	.441
Sept	27.375	.379	.379	.376	.381	.382	.387	.394	.401	.404	.407	.401	.387
Oct	27.489	.490	.491	.493	.494	.500	.505	.505	.513	.521	.521	.512	.498
Nov	27.531	.530	.527	.528	.525	.521	.520	.518	.525	.531	.534	.526	.510
Dec	27.414	.412	.412	.418	.419	.416	.416	.418	.420	.425	.434	.433	.424
Year	27.403	.404	.403	.403	.403	.404	.409	.410	.418	.423	.424	.420	.408

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

CINCINNATI, OHIO.

[Correction applied to reduce to standard gravity, −.02 inch.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.388	.376	.379	.386	.390	.398	.404	.407	.404	.405	.403	.409	.532	.276	Jan.
.383	.371	.368	.370	.376	.382	.388	.392	.398	.399	.396	.397	.503	.265	Feb.
.206	.198	.195	.199	.206	.218	.227	.242	.249	.251	.251	.227	.345	.113	Mar.
.375	.363	.355	.351	.352	.357	.360	.375	.375	.374	.374	.372	.480	.272	Apr.
.196	.182	.176	.174	.168	.174	.176	.192	.196	.197	.197	.200	.272	.129	May.
.321	.304	.292	.287	.286	.294	.299	.314	.327	.325	.328	.317	.374	.263	June.
.321	.299	.290	.280	.278	.287	.294	.309	.320	.326	.327	.324	.378	.267	July.
.323	.306	.297	.290	.288	.292	.298	.316	.325	.330	.333	.326	.377	.275	Aug.
.392	.372	.363	.356	.356	.356	.361	.375	.380	.386	.387	.394	.462	.325	Sept.
.476	.462	.455	.450	.454	.461	.467	.476	.483	.485	.487	.489	.572	.406	Oct.
.466	.456	.459	.462	.469	.478	.481	.485	.487	.486	.485	.484	.580	.388	Nov.
.378	.372	.370	.377	.379	.387	.395	.400	.402	.404	.407	.394	.514	.266	Dec.
.352	.338	.333	.332	.334	.340	.346	.357	.362	.364	.365	.361	.449	.270	Year.

CLEVELAND, OHIO.

[Correction applied to reduce to standard gravity, −.01 inch.]

.160	.162	.165	.172	.180	.183	.186	.185	.181	.176	.169	.184	.327	.022	Jan.
.166	.160	.164	.170	.176	.180	.180	.179	.179	.177	.178	.176	.288	.043	Feb.
.005	.004	.003	.014	.028	.035	.040	.057	.056	.058	.058	.035	.169	.917	Mar.
.212	.206	.204	.204	.205	.209	.214	.217	.215	.213	.210	.215	.311	.113	Apr.
.052	.044	.037	.033	.033	.037	.041	.051	.050	.044	.043	.049	.121	.964	May.
.174	.161	.156	.153	.146	.151	.155	.164	.168	.173	.171	.166	.221	.103	June.
.165	.155	.146	.138	.137	.138	.142	.155	.159	.162	.159	.165	.225	.100	July.
.210	.200	.192	.186	.181	.183	.185	.199	.201	.201	.202	.206	.259	.149	Aug.
.245	.235	.230	.228	.228	.230	.234	.243	.240	.237	.234	.243	.322	.167	Sept.
.295	.286	.284	.283	.288	.292	.295	.298	.296	.295	.297	.306	.403	.199	Oct.
.240	.243	.250	.252	.258	.262	.263	.262	.262	.256	.255	.258	.359	.150	Nov.
.187	.189	.195	.200	.203	.206	.212	.210	.209	.208	.211	.205	.336	.065	Dec.
.176	.170	.169	.169	.172	.176	.179	.185	.185	.183	.182	.184	.278	.083	Year.

DETROIT, MICH.

[Correction applied to reduce to standard gravity, −.01 inch.]

.175	.172	.180	.185	.186	.196	.200	.200	.197	.197	.197	.199	.354	.040	Jan.
.194	.189	.186	.189	.194	.202	.208	.211	.217	.216	.214	.203	.313	.086	Feb.
.020	.018	.018	.024	.033	.045	.057	.067	.071	.075	.075	.049	.191	.929	Mar.
.270	.261	.255	.257	.257	.260	.266	.270	.272	.270	.272	.272	.372	.177	Apr.
.082	.075	.067	.066	.065	.067	.078	.082	.089	.085	.083	.083	.160	.001	May.
.179	.175	.164	.159	.156	.156	.161	.166	.181	.184	.183	.176	.236	.116	June.
.188	.175	.167	.160	.157	.160	.161	.169	.179	.186	.187	.185	.249	.120	July.
.229	.221	.208	.204	.201	.200	.207	.217	.225	.224	.226	.227	.287	.164	Aug.
.263	.250	.247	.240	.240	.246	.251	.259	.260	.262	.260	.264	.337	.185	Sept.
.307	.296	.289	.285	.291	.295	.300	.301	.302	.303	.303	.316	.419	.196	Oct.
.283	.277	.283	.284	.291	.295	.298	.301	.297	.293	.292	.295	.398	.186	Nov.
.212	.209	.214	.217	.224	.230	.235	.235	.235	.239	.241	.228	.360	.098	Dec.
.200	.193	.189	.189	.191	.196	.202	.206	.210	.211	.211	.208	.306	.108	Year.

DODGE, KANS.

[Correction applied to reduce to standard gravity, −.02 inch.]

.444	.422	.408	.405	.405	.406	.422	.430	.432	.436	.442	.445	.563	.327	Jan.
.454	.429	.416	.414	.415	.422	.434	.444	.454	.461	.462	.450	.590	.307	Feb.
.269	.253	.240	.234	.233	.237	.255	.267	.279	.288	.289	.278	.431	.146	Mar.
.375	.360	.342	.328	.327	.331	.345	.356	.372	.382	.388	.377	.471	.274	Apr.
.325	.310	.297	.285	.282	.279	.285	.297	.312	.327	.331	.323	.405	.239	May.
.274	.257	.243	.234	.226	.219	.229	.243	.261	.276	.278	.276	.351	.189	June.
.371	.351	.335	.320	.311	.308	.320	.334	.351	.373	.384	.368	.431	.289	July.
.426	.406	.387	.370	.360	.355	.364	.380	.398	.415	.425	.418	.484	.345	Aug.
.369	.349	.329	.313	.309	.311	.324	.339	.358	.366	.370	.366	.445	.269	Sept.
.478	.459	.445	.442	.439	.443	.461	.471	.479	.486	.491	.484	.555	.410	Oct.
.484	.463	.455	.453	.457	.470	.491	.501	.508	.514	.518	.506	.637	.397	Nov.
.400	.382	.373	.375	.377	.384	.401	.409	.414	.416	.419	.409	.538	.277	Dec.
.389	.370	.356	.348	.345	.347	.361	.373	.385	.395	.400	.392	.492	.289	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

EASTPORT, ME.

[λ=40° 54′ N.; φ66° 59′ W.; local time, 32m fast. H=76 ft.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.801	.804	.807	.805	.810	.816	.828	.838	.852	.857	.846	.828	.810
Feb	29.484	.482	.481	.482	.481	.482	.486	.493	.501	.507	.500	.488	.475
Mar	29.794	.784	.772	.768	.769	.774	.777	.788	.798	.801	.803	.801	.794
Apr	29.968	.966	.963	.965	.970	.976	.985	.990	.001	.006	.002	.996	.990
May	29.835	.833	.831	.832	.839	.845	.850	.855	.856	.858	.855	.847	.838
June	29.861	.860	.860	.862	.867	.871	.873	.878	.878	.876	.872	.863	.854
July	29.843	.841	.837	.838	.843	.850	.856	.862	.861	.859	.854	.848	.840
Aug	29.954	.950	.948	.948	.952	.959	.968	.973	.975	.976	.975	.972	.967
Sept	29.932	.930	.930	.933	.938	.945	.951	.954	.958	.955	.946	.938	.928
Oct	29.981	.979	.979	.980	.985	.990	.996	.999	.999	.999	.988	.978	.969
Nov	29.767	.771	.770	.770	.773	.777	.783	.788	.793	.791	.778	.768	.759
Dec	29.947	.950	.955	.951	.950	.955	.956	.962	.971	.972	.958	.940	.918
Year	29.847	.846	.844	.844	.848	.853	.859	.865	.870	.871	.865	.856	.845

GALVESTON, TEX.

[λ=20° 18′ N.; φ=94° 50′ W.; local time, 1h 19m slow. H=54 ft.; H1=69 ft.]

Jan	30.081	.076	.071	.066	.065	.068	.077	.082	.100	.115	.126	.126	.105
Feb	30.008	.006	.002	.996	.990	.994	.003	.012	.025	.037	.045	.044	.030
Mar	29.925	.918	.914	.902	.899	.902	.910	.921	.931	.942	.948	.949	.940
Apr	29.953	.949	.944	.940	.937	.943	.954	.971	.980	.987	.992	.996	.985
May	29.824	.818	.805	.802	.804	.806	.821	.833	.843	.852	.859	.858	.852
June	29.864	.858	.852	.850	.855	.862	.877	.887	.895	.904	.898	.898	.892
July	29.883	.879	.872	.867	.872	.875	.888	.898	.908	.916	.920	.922	.919
Aug	29.841	.840	.835	.833	.835	.839	.847	.862	.873	.881	.886	.888	.881
Sept	29.873	.869	.864	.860	.858	.861	.870	.883	.891	.902	.911	.910	.900
Oct	30.042	.039	.036	.032	.034	.042	.049	.056	.070	.083	.088	.087	.067
Nov	30.107	.104	.101	.097	.094	.095	.102	.109	.125	.135	.142	.139	.120
Dec	30.013	.007	.006	.006	.005	.002	.006	.021	.035	.048	.059	.051	.033
Year	29.951	.947	.942	.938	.937	.941	.950	.961	.973	.984	.990	.989	.977

HAVRE, MONT.

[λ=48° 34′ N.; φ=109° 40′ W.; local time, 2h 19m slow. H=2.505 ft.]

Jan	27.295	.296	.293	.291	.298	.298	.297	.299	.304	.305	.315	.332	.337
Feb	27.436	.441	.444	.446	.446	.446	.449	.450	.450	.450	.456	.460	.456
Mar	27.297	.293	.291	.287	.280	.276	.275	.275	.274	.273	.276	.280	.283
Apr	27.318	.321	.325	.326	.326	.328	.331	.336	.341	.346	.345	.341	.336
May	27.276	.274	.271	.272	.275	.279	.289	.295	.298	.300	.299	.294	.291
June	27.274	.275	.276	.274	.273	.275	.278	.281	.281	.281	.277	.270	.262
July	27.280	.281	.285	.286	.295	.300	.304	.311	.316	.316	.312	.308	.305
Aug	27.381	.384	.383	.385	.391	.396	.400	.406	.416	.422	.425	.422	.412
Sept	27.332	.334	.333	.331	.328	.327	.327	.327	.332	.338	.339	.337	.337
Oct	27.371	.374	.380	.382	.384	.386	.392	.396	.403	.409	.413	.414	.409
Nov	27.348	.351	.349	.346	.350	.348	.348	.347	.347	.356	.360	.361	.358
Dec	27.324	.325	.320	.317	.317	.317	.320	.322	.323	.324	.336	.348	.349
Year	27.328	.329	.329	.329	.330	.331	.334	.337	.340	.343	.346	.347	.345

KANSAS CITY, MO.

[λ=39° 5′ N.; φ=94° 37′ W.; local time, 1h 18m slow. H=963 ft.]

Jan	29.076	.069	.065	.064	.062	.060	.065	.076	.089	.101	.115	.123	.105
Feb	29.117	.111	.110	.108	.100	.099	.107	.115	.120	.132	.140	.141	.132
Mar	28.857	.850	.847	.837	.841	.846	.854	.858	.870	.877	.882	.881	.876
Apr	29.048	.047	.041	.039	.039	.040	.050	.064	.073	.075	.079	.075	.066
May	28.910	.907	.903	.905	.903	.905	.913	.922	.929	.935	.935	.935	.928
June	28.906	.906	.906	.908	.908	.915	.923	.931	.937	.942	.936	.932	.920
July	28.950	.947	.942	.944	.949	.958	.970	.977	.986	.987	.987	.980	.972
Aug	28.996	.997	.999	.001	.002	.004	.012	.019	.029	.030	.035	.031	.022
Sept	29.001	.000	.002	.006	.006	.010	.021	.031	.035	.042	.043	.037	.024
Oct	29.104	.105	.107	.105	.108	.113	.121	.128	.135	.140	.146	.141	.130
Nov	29.161	.161	.161	.162	.162	.160	.162	.170	.179	.186	.190	.189	.170
Dec	29.045	.037	.033	.037	.038	.037	.039	.050	.057	.063	.073	.078	.060
Year	29.014	.011	.010	.010	.010	.012	.020	.028	.037	.042	.047	.045	.034

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

EASTPORT, ME.

[Correction applied to reduce to standard gravity, 0.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.805	.799	.797	.802	.805	.808	.808	.808	.803	.799	.794	.814	.995	.603	Jan.
.466	.465	.469	.479	.488	.496	.501	.506	.510	.507	.506	.489	.600	.378	Feb.
.785	.777	.775	.777	.781	.787	.792	.791	.786	.778	.773	.784	.935	.623	Mar.
.984	.977	.974	.973	.978	.987	.996	.000	.998	.996	.992	.985	.063	.903	Apr.
.830	.824	.820	.818	.824	.831	.859	.845	.845	.841	.841	.839	.931	.741	May.
.850	.842	.836	.831	.835	.841	.848	.856	.859	.861	.857	.858	.929	.791	June.
.832	.824	.818	.815	.816	.822	.828	.837	.840	.842	.843	.840	.914	.771	July.
.962	.958	.956	.954	.955	.959	.966	.974	.975	.974	.971	.963	.033	.887	Aug.
.920	.914	.911	.908	.911	.917	.922	.926	.926	.926	.927	.931	.029	.858	Sept.
.962	.959	.961	.969	.974	.978	.981	.984	.983	.982	.985	.981	.103	.853	Oct.
.757	.759	.763	.770	.774	.777	.776	.775	.773	.770	.767	.773	.890	.650	Nov.
.910	.907	.911	.915	.921	.929	.933	.935	.936	.933	.930	.941	.088	.764	Dec.
.839	.834	.833	.834	.838	.844	.849	.853	.853	.851	.849	.850	.959	.734	Year.

GALVESTON, TEX.

[Correction applied to reduce to standard gravity, −.04 inch.]

.073	.051	.043	.043	.045	.048	.056	.067	.077	.085	.089	.077	.172	.996	Jan.
.002	.979	.963	.960	.960	.971	.981	.986	.996	.004	.009	.000	.111	.896	Feb.
.920	.912	.881	.872	.866	.866	.876	.886	.902	.910	.913	.909	.017	.816	Mar.
.977	.962	.944	.934	.927	.928	.934	.941	.955	.964	.969	.957	.028	.885	Apr.
.841	.827	.809	.798	.787	.782	.787	.792	.803	.810	.814	.818	.875	.762	May.
.885	.875	.866	.853	.844	.837	.840	.846	.856	.867	.873	.868	.917	.814	June.
.909	.896	.882	.869	.856	.852	.857	.858	.865	.876	.884	.884	.932	.834	July.
.865	.852	.836	.823	.813	.805	.812	.817	.831	.837	.840	.845	.892	.795	Aug.
.884	.869	.854	.846	.845	.847	.852	.862	.873	.880	.878	.873	.922	.828	Sept.
.047	.030	.021	.017	.017	.025	.028	.039	.049	.052	.049	.046	.101	.003	Oct.
.100	.083	.072	.068	.074	.079	.086	.096	.105	.108	.106	.102	.171	.041	Nov.
.006	.985	.977	.976	.980	.988	.998	.007	.018	.025	.030	.012	.121	.915	Dec.
.959	.943	.929	.922	.918	.919	.926	.933	.944	.952	.954	.949	.022	.882	Year.

HAVRE, MONT.

[Correction applied to reduce to standard gravity, +.01 inch.]

.333	.315	.304	.300	.300	.297	.295	.296	.295	.292	.295	.303	.427	.163	Jan.
.444	.431	.417	.411	.407	.410	.411	.415	.418	.422	.428	.435	.574	.282	Feb.
.284	.273	.265	.261	.264	.268	.272	.277	.287	.296	.300	.279	.413	.162	Mar.
.326	.315	.305	.292	.285	.282	.282	.286	.296	.311	.314	.317	.421	.205	Apr.
.285	.278	.275	.267	.261	.256	.255	.262	.267	.277	.277	.278	.376	.167	May.
.258	.249	.243	.237	.234	.232	.234	.242	.253	.265	.270	.262	.337	.193	June.
.295	.284	.274	.263	.255	.251	.249	.248	.251	.268	.279	.284	.341	.212	July.
.400	.387	.375	.361	.351	.345	.339	.345	.356	.369	.372	.384	.460	.291	Aug.
.330	.321	.316	.310	.307	.313	.315	.320	.330	.331	.336	.327	.422	.240	Sept.
.397	.379	.363	.360	.355	.352	.352	.353	.356	.357	.360	.379	.478	.267	Oct.
.350	.335	.327	.327	.329	.330	.334	.338	.345	.349	.352	.345	.470	.214	Nov.
.340	.325	.320	.315	.319	.321	.322	.319	.320	.317	.314	.324	.455	.177	Dec.
.337	.324	.315	.309	.306	.305	.305	.308	.314	.321	.325	.326	.431	.214	Year.

KANSAS CITY, MO.

[Correction applied to reduce to standard gravity, −.02 inch.]

.081	.065	.059	.056	.059	.062	.062	.066	.069	.069	.067	.074	.183	.949	Jan.
.119	.101	.094	.093	.094	.101	.105	.111	.115	.118	.119	.113	.239	.985	Feb.
.867	.847	.838	.834	.832	.839	.846	.855	.861	.863	.863	.855	.997	.711	Mar.
.053	.042	.029	.019	.014	.015	.018	.027	.039	.046	.048	.045	.144	.946	Apr.
.921	.910	.898	.883	.878	.873	.875	.879	.889	.898	.900	.904	.980	.831	May.
.910	.893	.880	.870	.858	.854	.857	.860	.873	.893	.902	.901	.973	.819	June.
.960	.944	.928	.915	.905	.900	.897	.906	.924	.942	.953	.947	.008	.879	July.
.011	.997	.981	.969	.960	.956	.953	.964	.976	.986	.994	.997	.049	.936	Aug.
.011	.992	.974	.967	.961	.959	.962	.975	.992	.999	.001	.002	.067	.920	Sept.
.113	.094	.085	.079	.077	.080	.087	.093	.097	.103	.107	.108	.174	.035	Oct.
.151	.133	.123	.120	.120	.124	.129	.133	.137	.144	.146	.153	.262	.043	Nov.
.040	.029	.023	.030	.036	.044	.051	.057	.063	.065	.063	.048	.169	.925	Dec.
.020	.004	.993	.986	.983	.984	.987	.994	.003	.010	.014	.012	.104	.915	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KEY WEST, FLA.

[λ=24° 34′ N.; φ=81° 46′ W.; local time, 27m slow. H=22 ft.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	30.070	.066	.058	.052	.050	.056	.066	.081	.093	.105	.104	.091	.068
Feb	30.025	.020	.011	.008	.009	.016	.029	.042	.054	.064	.066	.054	.026
Mar	30.053	.043	.033	.027	.026	.035	.048	.061	.071	.074	.075	.066	.047
Apr	29.987	.975	.965	.963	.967	.979	.994	.008	.016	.020	.023	.019	.006
May	29.898	.889	.881	.879	.883	.890	.903	.911	.915	.916	.918	.914	.904
June	29.943	.935	.928	.929	.932	.938	.950	.960	.966	.967	.968	.961	.952
July	29.957	.947	.940	.940	.941	.944	.955	.962	.972	.975	.978	.974	.966
Aug	29.979	.970	.962	.957	.956	.961	.970	.978	.984	.989	.991	.990	.983
Sept	29.912	.903	.892	.887	.889	.898	.908	.922	.928	.933	.935	.927	.911
Oct	29.942	.935	.928	.925	.926	.934	.945	.958	.970	.974	.975	.963	.944
Nov	30.060	.054	.048	.046	.049	.054	.068	.079	.097	.104	.100	.085	.062
Dec	30.036	.033	.027	.024	.022	.027	.037	.058	.071	.079	.079	.064	.035
Year	29.988	.981	.973	.970	.971	.978	.989	.002	.011	.017	.018	.009	.992

MARQUETTE, MICH.

[λ=46° 34′ N.; φ=87° 24′ W.; local time, 50m slow. H=734 ft.; H_1=709 ft]

Jan	29.154	.154	.156	.155	.148	.145	.150	.153	.154	.159	.163	.158	.142
Feb	29.188	.188	.188	.186	.186	.189	.192	.192	.198	.200	.200	.202	.192
Mar	29.077	.078	.070	.064	.057	.060	.064	.068	.067	.070	.072	.071	.068
Apr	29.370	.367	.367	.369	.371	.379	.392	.394	.395	.396	.400	.398	.383
May	29.162	.155	.155	.158	.164	.170	.177	.184	.187	.186	.185	.183	.177
June	29.108	.107	.103	.106	.119	.122	.128	.136	.140	.139	.130	.126	.129
July	29.155	.153	.149	.149	.153	.159	.165	.168	.171	.173	.173	.167	.157
Aug	29.216	.214	.214	.216	.219	.225	.235	.239	.245	.245	.247	.246	.240
Sept	29.220	.219	.217	.217	.218	.221	.229	.231	.233	.236	.235	.231	.224
Oct	29.221	.217	.211	.210	.213	.216	.221	.224	.227	.229	.230	.226	.215
Nov	29.253	.258	.267	.299	.269	.271	.275	.278	.281	.280	.282	.275	.265
Dec	29.145	.145	.151	.145	.148	.149	.159	.156	.162	.169	.171	.163	.149
Year	29.189	.188	.187	.190	.189	.192	.199	.202	.205	.207	.207	.204	.195

MEMPHIS, TENN.

[λ=35° 9′ N.; φ=90° 8′ W.; local time, 1h slow. H=897 ft.]

Jan	29.722	.717	.717	.717	.719	.725	.727	.738	.754	.766	.775	.771	.746
Feb	29.708	.710	.711	.716	.712	.719	.728	.736	.752	.757	.755	.756	.728
Mar	29.542	.545	.542	.534	.535	.540	.554	.567	.572	.585	.585	.581	.565
Apr	29.627	.621	.619	.620	.624	.630	.643	.660	.664	.674	.674	.668	.653
May	29.480	.470	.467	.467	.469	.475	.487	.497	.508	.509	.508	.509	.497
June	29.556	.552	.547	.548	.556	.568	.577	.588	.599	.604	.606	.602	.588
July	29.565	.564	.562	.564	.570	.579	.590	.601	.609	.614	.615	.611	.599
Aug	29.544	.539	.538	.537	.541	.546	.558	.569	.579	.582	.587	.583	.573
Sept	29.618	.620	.620	.618	.618	.629	.644	.659	.665	.673	.673	.667	.653
Oct	29.742	.740	.737	.736	.740	.743	.750	.761	.774	.782	.785	.781	.762
Nov	29.776	.771	.772	.773	.772	.778	.789	.803	.812	.818	.818	.809	.783
Dec	29.668	.664	.670	.671	.669	.671	.676	.689	.699	.707	.714	.702	.675
Year	29.629	.626	.625	.625	.627	.633	.644	.656	.666	.673	.675	.670	.652

NEW ORLEANS, LA.

[λ=29° 58′ N.; φ=90° 4′ W.; local time, 1h slow. H=51 ft.]

Jan	30.100	.097	.097	.096	.096	.099	.107	.123	.138	.145	.151	.138	.115
Feb	30.023	.021	.018	.016	.016	.028	.039	.051	.062	.071	.076	.066	.043
Mar	29.957	.955	.950	.944	.945	.953	.965	.978	.995	.002	.003	.999	.980
Apr	29.959	.954	.948	.949	.956	.966	.980	.996	.003	.006	.007	.999	.984
May	29.841	.833	.830	.832	.838	.848	.861	.868	.875	.878	.876	.871	.859
June	29.907	.899	.894	.876	.904	.918	.926	.932	.938	.938	.938	.936	.928
July	29.914	.908	.907	.910	.916	.927	.935	.949	.950	.951	.953	.951	.944
Aug	29.877	.872	.867	.866	.868	.875	.887	.895	.900	.905	.908	.902	.889
Sept	29.910	.906	.903	.902	.907	.913	.925	.935	.940	.943	.943	.939	.928
Oct	30.059	.057	.054	.053	.057	.065	.076	.085	.098	.105	.108	.099	.083
Nov	30.128	.125	.124	.125	.126	.132	.141	.153	.165	.172	.172	.162	.139
Dec	30.034	.029	.027	.029	.028	.030	.040	.048	.060	.069	.070	.060	.034
Year	29.976	.971	.968	.966	.971	.980	.990	.001	.010	.015	.017	.010	.994

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KEY WEST, FLA.

[Correction applied to reduce to standard gravity, —.05 inch.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.046	.038	.033	.035	.039	.047	.062	.070	.078	.081	.078	.065	.133	.012	Jan.
.008	.993	.986	.985	.987	.995	.014	.025	.031	.034	.034	.021	.089	.959	Feb.
.028	.013	.999	.994	.996	.002	.018	.033	.045	.048	.046	.037	.109	.969	Mar.
.993	.976	.963	.954	.954	.958	.972	.986	.995	.997	.995	.986	.037	.932	Apr.
.892	.875	.863	.852	.851	.860	.877	.886	.894	.898	.896	.889	.930	.842	May.
.941	.927	.920	.914	.913	.923	.938	.946	.954	.958	.956	.942	.980	.905	June.
.957	.945	.938	.933	.932	.936	.946	.955	.961	.965	.963	.953	.989	.921	July.
.971	.959	.947	.943	.942	.949	.959	.969	.979	.985	.984	.969	.007	.932	Aug.
.899	.883	.872	.870	.875	.883	.897	.911	.918	.920	.917	.904	.943	.863	Sept.
.928	.915	.906	.905	.913	.923	.935	.946	.955	.954	.948	.939	.985	.898	Oct.
.044	.033	.027	.030	.037	.046	.057	.068	.074	.074	.070	.061	.112	.016	Nov.
.015	.006	.003	.005	.011	.021	.037	.048	.054	.057	.050	.038	.100	.985	Dec.
.977	.964	.955	.952	.954	.962	.976	.987	.995	.998	.995	.984	.034	.936	Year.

MARQUETTE, MICH.

[Correction applied to reduce to standard gravity, 0.]

.131	.129	.136	.141	.148	.153	.156	.152	.150	.144	.144	.149	.304	.990	Jan.
.181	.175	.180	.185	.192	.201	.204	.203	.200	.196	.193	.192	.281	.095	Feb.
.065	.060	.061	.066	.074	.080	.087	.095	.098	.098	.095	.073	.215	.939	Mar.
.376	.367	.365	.362	.360	.359	.357	.365	.367	.363	.366	.374	.454	.288	Apr.
.175	.167	.162	.157	.148	.147	.150	.155	.158	.157	.157	.166	.256	.066	May.
.129	.124	.123	.115	.106	.107	.109	.112	.116	.112	.110	.119	.186	.024	June.
.156	.152	.153	.149	.150	.157	.154	.161	.164	.165	.165	.159	.233	.072	July.
.235	.225	.219	.216	.214	.212	.215	.222	.223	.225	.224	.226	.289	.155	Aug.
.214	.208	.202	.201	.198	.199	.205	.210	.214	.213	.212	.217	.213	.114	Sept.
.208	.214	.206	.212	.215	.222	.224	.221	.220	.220	.215	.218	.338	.091	Oct.
.251	.275	.245	.244	.247	.247	.235	.244	.244	.249	.247	.259	.375	.115	Nov.
.145	.148	.158	.165	.166	.168	.169	.167	.169	.170	.173	.159	.278	.030	Dec.
.189	.187	.184	.184	.185	.188	.189	.192	.194	.193	.192	.193	.294	.082	Year.

MEMPHIS, TENN.

[Correction applied to reduce to standard gravity, —.03 inch.]

.716	.699	.690	.692	.690	.694	.698	.705	.709	.718	.718	.722	.818	.626	Jan.
.694	.678	.665	.661	.664	.664	.675	.682	.694	.701	.707	.707	.804	.599	Feb.
.545	.525	.513	.504	.500	.503	.506	.514	.525	.541	.543	.540	.660	.418	Mar.
.638	.623	.605	.600	.598	.596	.598	.615	.625	.629	.625	.630	.720	.519	Apr.
.488	.478	.465	.459	.452	.448	.451	.463	.470	.475	.474	.478	.537	.415	May.
.577	.562	.547	.539	.529	.530	.535	.544	.559	.565	.563	.564	.616	.511	June.
.582	.567	.545	.535	.529	.527	.533	.543	.561	.565	.566	.571	.619	.517	July.
.555	.540	.524	.515	.506	.504	.511	.525	.537	.543	.546	.545	.600	.486	Aug.
.634	.620	.606	.603	.597	.595	.599	.613	.620	.622	.620	.629	.680	.570	Sept.
.741	.729	.721	.719	.720	.726	.733	.742	.747	.746	.748	.746	.809	.689	Oct.
.768	.755	.749	.749	.753	.760	.763	.770	.773	.774	.772	.778	.857	.700	Nov.
.658	.647	.644	.649	.661	.679	.676	.687	.687	.687	.686	.676	.791	.555	Dec.
.633	.619	.606	.602	.600	.601	.606	.617	.626	.630	.630	.632	.709	.550	Year.

NEW ORLEANS, LA.

[Correction applied to reduce to standard gravity, —.04 inch.]

.089	.074	.068	.066	.069	.076	.085	.094	.102	.106	.107	.102	.181	.029	Jan.
.021	.003	.997	.995	.993	.998	.004	.012	.015	.021	.021	.025	.112	.940	Feb.
.960	.942	.928	.919	.918	.921	.925	.935	.944	.947	.949	.955	.042	.870	Mar.
.968	.952	.936	.927	.923	.924	.934	.950	.964	.967	.969	.963	.045	.882	Apr.
.846	.831	.815	.805	.799	.802	.805	.820	.830	.831	.831	.838	.889	.784	May.
.916	.903	.890	.881	.879	.882	.889	.892	.913	.921	.922	.910	.952	.861	June.
.926	.912	.900	.893	.888	.892	.893	.898	.909	.915	.915	.919	.965	.872	July.
.879	.865	.854	.850	.847	.853	.858	.869	.879	.881	.882	.876	.924	.826	Aug.
.911	.897	.889	.882	.884	.890	.898	.910	.920	.920	.916	.913	.954	.873	Sept.
.062	.046	.039	.034	.035	.041	.049	.058	.066	.068	.066	.065	.116	.017	Oct.
.116	.101	.095	.093	.097	.104	.113	.123	.128	.132	.132	.129	.192	.070	Nov.
.017	.005	.003	.006	.011	.021	.034	.045	.047	.051	.049	.035	.145	.938	Dec.
.976	.961	.951	.946	.945	.950	.957	.967	.976	.980	.980	.978	.043	.914	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

NEW YORK, N. Y.

[λ=40° 43′ N.; φ=74° W.; local time, 4m fast. H=314 ft.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.644	.645	.644	.642	.639	.644	.655	.665	.670	.671	.661	.644	.620
Feb	29.514	.514	.509	.512	.520	.524	.532	.542	.546	.547	.537	.526	.501
Mar	29.568	.567	.560	.562	.569	.576	.586	.593	.595	.594	.587	.578	.562
Apr	29.598	.593	.587	.586	.592	.601	.609	.612	.614	.615	.607	.599	.591
May	29.543	.541	.538	.540	.545	.554	.564	.571	.571	.572	.567	.559	.550
June	29.649	.647	.647	.651	.658	.666	.673	.678	.678	.675	.671	.664	.655
July	29.625	.621	.617	.620	.627	.634	.643	.647	.650	.651	.648	.642	.628
Aug	29.706	.704	.703	.705	.710	.718	.724	.731	.733	.735	.730	.723	.713
Sept	29.733	.730	.727	.728	.734	.744	.752	.757	.761	.760	.751	.740	.726
Oct	29.807	.805	.805	.806	.813	.818	.826	.834	.834	.830	.820	.805	.787
Nov	29.650	.649	.648	.649	.652	.654	.659	.661	.662	.661	.652	.638	.623
Dec	29.718	.718	.716	.710	.702	.702	.705	.712	.724	.730	.723	.708	.693
Year	29.646	.644	.642	.643	.647	.653	.661	.667	.670	.670	.663	.652	.637

PHILADELPHIA, PA.

[λ=39° 57′ N.; φ=75° 9′ W.; local time, 1m slow. H=117 ft.]

Jan	29.890	.892	.891	.886	.886	.889	.899	.911	.920	.925	.921	.901	.883
Feb	29.801	.801	.800	.803	.808	.815	.824	.838	.843	.841	.835	.821	.799
Mar	29.809	.806	.803	.804	.814	.820	.829	.842	.842	.838	.831	.818	.799
Apr	29.825	.817	.814	.812	.815	.821	.828	.831	.831	.832	.824	.814	.808
May	29.760	.755	.755	.757	.765	.775	.783	.788	.791	.792	.784	.773	.763
June	29.867	.871	.872	.877	.885	.900	.899	.905	.903	.899	.895	.886	.874
July	29.838	.836	.833	.838	.843	.850	.857	.864	.863	.864	.858	.852	.841
Aug	29.906	.906	.909	.912	.916	.925	.932	.936	.939	.941	.933	.924	.914
Sept	29.947	.943	.945	.948	.954	.967	.973	.980	.982	.979	.969	.957	.943
Oct	30.043	.041	.040	.045	.053	.059	.069	.078	.078	.075	.065	.049	.031
Nov	29.906	.906	.905	.902	.906	.907	.914	.926	.928	.927	.920	.900	.887
Dec	29.953	.955	.953	.945	.940	.948	.955	.965	.976	.984	.977	.956	.940
Year	29.879	.877	.877	.877	.882	.890	.897	.905	.908	.908	.901	.888	.874

PITTSBURG, PA.

[λ=40° 32′ N.; φ=80° 2′ W.; local time, 20m slow. H=842 ft.]

Jan	29.104	.100	.105	.106	.103	.104	.115	.121	.128	.136	.136	.122	.099
Feb	29.069	.070	.070	.071	.075	.078	.086	.091	.101	.107	.106	.101	.087
Mar	28.991	.991	.988	.979	.980	.984	.987	.993	.993	.991	.983	.971	.952
Apr	29.095	.088	.084	.084	.084	.092	.100	.104	.104	.107	.102	.093	.081
May	28.961	.957	.955	.957	.960	.967	.975	.978	.977	.974	.969	.960	.948
June	29.088	.085	.086	.089	.096	.105	.111	.115	.117	.111	.106	.099	.089
July	29.094	.087	.086	.086	.091	.098	.111	.117	.119	.114	.108	.103	.093
Aug	29.124	.121	.118	.119	.123	.132	.139	.146	.147	.147	.141	.131	.117
Sept	29.168	.164	.163	.166	.172	.182	.192	.200	.203	.202	.196	.188	.176
Oct	29.248	.245	.244	.245	.251	.259	.267	.279	.283	.280	.274	.261	.243
Nov	29.188	.181	.182	.182	.183	.181	.186	.190	.195	.194	.196	.185	.170
Dec	29.128	.127	.131	.129	.125	.125	.130	.139	.145	.150	.152	.137	.117
Year	29.105	.101	.101	.101	.105	.109	.117	.123	.126	.126	.122	.113	.098

PORTLAND, OREG.

[λ=45° 32′ N.; φ=122° 43′ W.; local time, 3h 11m slow. H=154 ft.]

Jan	29.901	.902	.901	.897	.897	.902	.898	.895	.893	.896	.898	.906	.916
Feb	29.891	.892	.894	.892	.891	.889	.884	.881	.882	.882	.891	.898	.904
Mar	29.963	.969	.971	.972	.976	.974	.972	.975	.979	.982	.981	.988	.989
Apr	29.928	.932	.935	.934	.933	.934	.934	.937	.941	.946	.951	.952	.951
May	29.851	.858	.863	.863	.865	.867	.869	.877	.883	.887	.890	.887	.884
June	29.920	.924	.925	.926	.924	.927	.927	.931	.937	.940	.941	.937	.933
July	29.849	.855	.860	.863	.867	.869	.872	.880	.886	.891	.895	.894	.892
Aug	29.828	.836	.843	.846	.850	.852	.855	.859	.867	.873	.882	.884	.880
Sept	29.813	.815	.818	.817	.818	.820	.821	.821	.826	.831	.837	.839	.841
Oct	29.912	.916	.918	.918	.917	.916	.913	.915	.918	.921	.926	.933	.937
Nov	29.891	.894	.893	.891	.889	.889	.885	.883	.888	.890	.896	.903	.906
Dec	30.073	.078	.081	.081	.083	.087	.088	.085	.088	.091	.095	.099	.105
Year	29.902	.906	.908	.908	.909	.910	.910	.912	.916	.919	.924	.927	.928

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

NEW YORK, N. Y.

[Correction applied to reduce to standard gravity, −.01 inch.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.614	.613	.617	.624	.631	.640	.646	.651	.650	.647	.642	.642	.800	.484	Jan.
.487	.483	.486	.494	.507	.519	.529	.534	.540	.538	.533	.520	.629	.408	Feb.
.549	.538	.534	.536	.541	.549	.555	.558	.558	.552	.550	.563	.697	.428	Mar.
.584	.578	.580	.583	.589	.601	.612	.615	.614	.613	.610	.599	.711	.502	Apr.
.542	.531	.526	.522	.522	.529	.538	.546	.550	.550	.546	.547	.630	.451	May.
.646	.638	.633	.629	.631	.636	.642	.654	.661	.661	.660	.654	.714	.597	June.
.620	.613	.609	.604	.605	.609	.613	.623	.626	.628	.624	.626	.685	.567	July.
.706	.696	.688	.684	.685	.689	.699	.707	.711	.714	.714	.709	.764	.650	Aug.
.719	.711	.706	.707	.709	.719	.728	.733	.739	.742	.740	.733	.808	.653	Sept.
.779	.775	.776	.782	.788	.796	.803	.805	.808	.810	.809	.805	.907	.701	Oct.
.617	.619	.621	.630	.640	.647	.654	.657	.657	.657	.653	.646	.750	.547	Nov.
.687	.690	.698	.710	.714	.724	.729	.731	.731	.728	.724	.714	.851	.578	Dec.
.629	.624	.623	.625	.630	.638	.646	.651	.654	.653	.650	.646	.746	.547	Year.

PHILADELPHIA, PA.

[Correction applied to reduce to standard gravity, −.01 inch.]

.872	.869	.872	.876	.885	.890	.895	.895	.897	.897	.891	.893	.045	.735	Jan.
.783	.778	.780	.782	.791	.800	.808	.814	.820	.819	.819	.809	.912	.694	Feb.
.783	.774	.767	.769	.770	.778	.784	.787	.789	.791	.793	.802	.926	.671	Mar.
.801	.795	.794	.796	.805	.815	.828	.835	.836	.833	.833	.818	.935	.725	Apr.
.750	.739	.733	.729	.727	.732	.740	.750	.756	.761	.759	.759	.846	.668	May.
.867	.855	.851	.850	.853	.860	.867	.879	.883	.884	.884	.878	.937	.822	June.
.826	.816	.811	.807	.811	.820	.828	.838	.840	.841	.839	.837	.893	.779	July.
.905	.895	.890	.889	.891	.896	.905	.914	.917	.918	.915	.914	.964	.859	Aug.
.933	.926	.923	.926	.932	.939	.946	.955	.958	.957	.958	.952	.025	.876	Sept.
.017	.011	.009	.013	.024	.033	.037	.044	.048	.045	.044	.044	.145	.941	Oct.
.879	.883	.885	.892	.900	.907	.910	.913	.914	.911	.910	.906	.003	.803	Nov.
.933	.937	.939	.946	.954	.962	.968	.969	.967	.965	.959	.956	.096	.809	Dec.
.862	.856	.854	.856	.862	.869	.876	.883	.885	.885	.884	.881	.977	.782	Year.

PITTSBURG, PA.

[Correction applied to reduce to standard gravity, −.01 inch.]

.080	.079	.083	.088	.098	.105	.112	.111	.107	.105	.100	.106	.246	.960	Jan.
.070	.062	.062	.066	.075	.088	.094	.095	.095	.093	.087	.083	.195	.957	Feb.
.932	.925	.923	.927	.936	.953	.965	.975	.980	.985	.989	.970	.093	.850	Mar.
.071	.061	.059	.065	.069	.074	.083	.093	.094	.094	.097	.087	.182	.998	Apr.
.936	.926	.924	.924	.928	.932	.941	.953	.961	.960	.960	.953	.035	.877	May.
.077	.072	.065	.060	.061	.063	.071	.086	.096	.102	.100	.090	.141	.033	June.
.080	.065	.053	.047	.050	.052	.060	.071	.083	.087	.091	.085	.140	.032	July.
.106	.091	.079	.078	.078	.080	.089	.101	.114	.120	.124	.115	.171	.060	Aug.
.163	.153	.146	.140	.142	.146	.151	.165	.171	.176	.176	.171	.240	.103	Sept.
.228	.219	.215	.216	.219	.226	.234	.241	.245	.245	.242	.236	.344	.155	Oct.
.161	.157	.160	.167	.175	.184	.189	.197	.196	.194	.191	.183	.189	.088	Nov.
.102	.098	.108	.113	.119	.129	.133	.140	.140	.142	.145	.129	.265	.993	Dec.
.084	.076	.073	.074	.079	.086	.094	.102	.107	.109	.108	.102	.195	.009	Year.

PORTLAND, OREG.

[Correction applied to reduce to standard gravity, 0.]

.919	.912	.895	.885	.882	.888	.888	.889	.895	.901	.899	.898	.996	.799	Jan.
.906	.902	.890	.879	.873	.871	.874	.874	.877	.882	.888	.887	.980	.788	Feb.
.987	.978	.969	.955	.947	.942	.935	.937	.941	.947	.956	.966	.062	.853	Mar.
.943	.933	.924	.914	.904	.895	.890	.888	.891	.902	.911	.925	.008	.833	Apr.
.880	.871	.862	.851	.843	.834	.827	.827	.830	.837	.849	.861	.929	.772	May.
.928	.923	.916	.908	.899	.891	.886	.884	.887	.891	.905	.917	.969	.850	June.
.886	.877	.870	.860	.849	.838	.829	.825	.828	.835	.845	.863	.916	.787	July.
.874	.863	.851	.835	.821	.805	.795	.792	.793	.799	.812	.841	.891	.768	Aug.
.841	.835	.829	.819	.810	.803	.797	.797	.797	.802	.810	.819	.886	.737	Sept.
.937	.932	.920	.908	.900	.893	.889	.890	.895	.901	.905	.914	.977	.836	Oct.
.905	.901	.895	.893	.891	.891	.889	.891	.892	.894	.896	.893	.988	.789	Nov.
.106	.095	.080	.072	.066	.070	.071	.072	.073	.077	.079	.083	.174	.973	Dec.
.926	.918	.908	.898	.890	.885	.881	.880	.883	.889	.896	.906	.981	.815	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

ST. LOUIS, MO.

[λ=38° 38′ N.; φ=90° 12′ W.; local time, 1h 1m slow. H=567 ft.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.484	.480	.485	.487	.479	.474	.480	.489	.498	.509	.517	.512	.487
Feb	29.510	.508	.508	.503	.500	.501	.506	.513	.523	.529	.528	.520	.502
Mar	29.261	.258	.246	.234	.232	.238	.243	.251	.259	.267	.274	.275	.267
Apr	29.455	.451	.449	.449	.453	.459	.472	.480	.489	.493	.494	.482	.471
May	29.282	.276	.275	.276	.278	.285	.295	.303	.307	.308	.306	.300	.288
June	29.331	.329	.329	.332	.340	.351	.360	.372	.376	.374	.371	.364	.354
July	29.359	.356	.355	.358	.365	.375	.388	.396	.406	.403	.403	.398	.383
Aug	29.368	.364	.362	.363	.368	.378	.392	.399	.402	.405	.406	.395	.383
Sept	29.419	.422	.423	.424	.430	.437	.449	.461	.464	.466	.461	.451	.434
Oct	29.526	.528	.526	.527	.531	.538	.545	.555	.565	.571	.568	.562	.545
Nov	29.559	.557	.560	.561	.562	.566	.573	.581	.594	.600	.602	.597	.575
Dec	29.457	.450	.453	.453	.450	.449	.451	.459	.471	.480	.487	.485	.467
Year	29.418	.415	.414	.414	.416	.421	.430	.438	.446	.451	.451	.445	.430

ST. PAUL, MINN.

[λ=44° 58′ N.; φ=93° 3′ W.; local time, 1h 12m slow. H=837 ft.]

Jan	29.107	.109	.110	.118	.117	.116	.114	.117	.123	.128	.134	.137	.121
Feb	29.164	.166	.169	.171	.170	.175	.180	.181	.191	.199	.205	.203	.197
Mar	28.944	.942	.939	.938	.932	.937	.943	.949	.955	.963	.965	.965	.959
Apr	29.208	.208	.209	.211	.214	.219	.230	.240	.240	.240	.237	.230	.215
May	29.031	.030	.027	.029	.031	.035	.045	.052	.057	.055	.051	.048	.038
June	28.978	.974	.974	.972	.975	.977	.985	.990	.990	.990	.983	.981	.975
July	29.020	.018	.022	.020	.018	.025	.035	.035	.043	.045	.043	.044	.034
Aug	29.108	.109	.107	.110	.113	.120	.132	.137	.146	.147	.148	.147	.134
Sept	29.078	.079	.079	.080	.083	.086	.093	.100	.104	.102	.103	.098	.088
Oct	29.132	.135	.142	.143	.146	.151	.156	.159	.168	.174	.178	.173	.164
Nov	29.213	.215	.218	.223	.223	.224	.227	.226	.228	.233	.231	.227	.210
Dec	29.100	.099	.100	.109	.112	.116	.118	.122	.132	.139	.147	.152	.139
Year	29.090	.090	.091	.094	.094	.098	.105	.109	.115	.118	.119	.117	.106

SALT LAKE CITY, UTAH.

[λ=40° 46′ N.; φ=111° 54′ W.; local time, 2h 28m slow. H=4,366 ft.]

Jan	25.691	.691	.685	.683	.688	.687	.683	.680	.686	.695	.702	.710	.725
Feb	25.617	.621	.624	.624	.624	.620	.619	.622	.625	.635	.644	.648	.649
Mar	25.636	.635	.632	.629	.625	.620	.619	.623	.630	.636	.643	.652	.652
Apr	25.549	.549	.550	.551	.550	.551	.556	.569	.578	.587	.592	.595	.591
May	25.495	.498	.500	.499	.503	.507	.511	.516	.526	.534	.537	.537	.535
June	25.513	.512	.513	.512	.514	.517	.524	.532	.541	.548	.553	.551	.546
July	25.536	.535	.535	.539	.546	.550	.560	.569	.583	.593	.600	.606	.595
Aug	25.650	.651	.657	.653	.653	.656	.662	.670	.684	.692	.698	.669	.696
Sept	25.543	.544	.550	.553	.555	.553	.559	.566	.576	.585	.588	.591	.588
Oct	25.700	.701	.703	.707	.706	.706	.709	.714	.721	.729	.736	.738	.735
Nov	25.737	.740	.743	.742	.747	.746	.747	.749	.755	.761	.769	.774	.775
Dec	25.742	.747	.745	.746	.750	.753	.750	.749	.755	.759	.760	.770	.772
Year	25.617	.619	.620	.620	.622	.622	.625	.630	.638	.646	.652	.653	.655

SAN DIEGO, CAL.

[λ=32° 43′ N.; φ=117° 10′ W.; local time, 2h 49m slow. H=87 ft.]

Jan	29.973	.975	.969	.966	.965	.961	.953	.951	.958	.965	.975	.989	.000
Feb	29.908	.910	.909	.906	.901	.892	.888	.892	.898	.906	.916	.922	.929
Mar	29.913	.913	.912	.909	.904	.899	.896	.899	.904	.914	.922	.929	.932
Apr	29.920	.919	.918	.914	.906	.900	.897	.902	.912	.924	.929	.936	.938
May	29.853	.851	.848	.841	.834	.831	.830	.835	.843	.852	.859	.863	.865
June	29.817	.815	.805	.801	.793	.790	.789	.793	.801	.811	.817	.819	.820
July	29.747	.746	.741	.735	.731	.729	.729	.734	.743	.755	.762	.764	.763
Aug	29.808	.808	.807	.801	.794	.791	.791	.797	.808	.817	.822	.826	.825
Sept	29.786	.786	.783	.782	.776	.774	.773	.777	.787	.797	.805	.809	.809
Oct	29.872	.870	.867	.867	.863	.857	.856	.862	.869	.878	.889	.893	.889
Nov	29.965	.966	.965	.962	.960	.958	.958	.961	.966	.977	.988	.995	.999
Dec	29.971	.975	.968	.964	.964	.963	.957	.955	.960	.969	.982	.993	.996
Year	29.878	.878	.874	.871	.866	.862	.860	.863	.871	.880	.889	.895	.897

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

ST. LOUIS, MO.

[Correction applied to reduce to standard gravity, −.02 inch.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.465	.452	.451	.453	.454	.460	.464	.471	.474	.475	.473	.478	.592	.356	Jan.
.480	.465	.466	.468	.474	.485	.494	.502	.509	.514	.514	.501	.612	.386	Feb.
.255	.247	.247	.246	.250	.254	.264	.268	.273	.274	.269	.256	.390	.116	Mar.
.459	.444	.434	.431	.427	.427	.430	.438	.446	.450	.452	.456	.554	.347	Apr.
.278	.266	.253	.245	.243	.243	.247	.257	.269	.272	.274	.276	.342	.210	May.
.341	.327	.313	.304	.293	.292	.303	.310	.324	.332	.334	.336	.387	.273	June.
.367	.351	.337	.326	.318	.319	.322	.331	.347	.358	.362	.362	.417	.303	July.
.368	.351	.335	.325	.320	.321	.330	.376	.359	.364	.367	.366	.422	.305	Aug.
.414	.397	.388	.383	.381	.382	.391	.405	.412	.415	.414	.422	.490	.351	Sept.
.525	.510	.502	.499	.498	.505	.512	.518	.525	.528	.530	.531	.599	.462	Oct.
.554	.537	.532	.532	.533	.538	.540	.541	.544	.548	.548	.560	.650	.454	Nov.
.450	.440	.440	.444	.449	.459	.465	.470	.476	.478	.478	.461	.573	.342	Dec.
.413	.399	.392	.388	.387	.390	.397	.407	.413	.417	.418	.417	.502	.325	Year.

ST. PAUL, MINN.

[Correction applied to reduce to standard gravity, 0.]

.105	.091	.085	.085	.090	.091	.094	.094	.094	.093	.093	.107	.248	.946	Jan.
.182	.165	.158	.161	.161	.165	.170	.167	.167	.169	.166	.175	.269	.066	Feb.
.952	.942	.938	.940	.943	.950	.957	.960	.964	.963	.962	.950	.061	.833	Mar.
.202	.191	.182	.174	.172	.171	.175	.181	.188	.190	.194	.205	.285	.116	Apr.
.029	.021	.013	.005	.000	.997	.995	.005	.018	.026	.029	.028	.117	.939	May.
.964	.957	.949	.946	.941	.941	.940	.946	.957	.969	.973	.968	.038	.898	June.
.029	.021	.018	.010	.004	.994	.995	.004	.013	.022	.026	.022	.095	.945	July.
.125	.114	.102	.092	.088	.079	.077	.084	.099	.105	.108	.114	.178	.028	Aug.
.078	.063	.053	.044	.045	.047	.047	.053	.059	.064	.065	.075	.166	.975	Sept.
.149	.135	.131	.126	.125	.127	.129	.128	.131	.135	.135	.145	.226	.045	Oct.
.194	.180	.175	.175	.178	.184	.190	.193	.194	.197	.198	.206	.333	.078	Nov.
.125	.114	.111	.112	.116	.118	.117	.121	.121	.121	.123	.120	.241	.979	Dec.
.095	.083	.076	.072	.072	.072	.074	.078	.084	.088	.089	.093	.188	.987	Year.

SALT LAKE CITY, UTAH.

[Correction applied to reduce to standard gravity, −.02 inch.]

.723	.702	.685	.675	.676	.675	.675	.678	.683	.684	.685	.689	.776	.602	Jan.
.647	.633	.620	.615	.615	.615	.614	.622	.629	.632	.635	.627	.702	.533	Feb.
.650	.642	.630	.621	.613	.607	.606	.609	.613	.618	.619	.628	.722	.528	Mar.
.584	.573	.559	.547	.535	.531	.528	.530	.534	.541	.545	.557	.636	.464	Apr.
.524	.515	.500	.487	.478	.476	.473	.472	.475	.486	.499	.503	.569	.424	May.
.538	.532	.524	.513	.504	.493	.484	.481	.481	.490	.502	.517	.579	.437	June.
.586	.573	.558	.543	.531	.524	.517	.514	.517	.529	.540	.553	.612	.488	July.
.690	.678	.664	.648	.634	.627	.622	.619	.625	.637	.642	.659	.706	.606	Aug.
.579	.565	.552	.538	.528	.523	.518	.515	.521	.533	.539	.553	.613	.468	Sept.
.726	.708	.691	.686	.681	.678	.683	.687	.692	.696	.701	.706	.760	.641	Oct.
.760	.742	.729	.720	.721	.724	.728	.732	.734	.737	.741	.744	.818	.654	Nov.
.759	.745	.727	.720	.716	.719	.724	.729	.731	.736	.741	.743	.838	.633	Dec.
.647	.634	.620	.609	.603	.599	.598	.599	.603	.610	.616	.623	.694	.540	Year.

SAN DIEGO, CAL.

[Correction applied to reduce to standard gravity, −.03 inch.]

.992	.968	.949	.939	.932	.933	.937	.942	.949	.958	.964	.961	.018	.911	Jan.
.925	.908	.892	.881	.878	.873	.876	.884	.893	.903	.911	.900	.965	.839	Feb.
.931	.917	.907	.895	.885	.876	.877	.879	.888	.898	.905	.904	.953	.856	Mar.
.935	.926	.917	.905	.897	.891	.892	.893	.898	.911	.918	.912	.958	.869	Apr.
.864	.860	.855	.846	.835	.831	.826	.825	.831	.840	.851	.844	.880	.808	May.
.817	.812	.808	.803	.797	.788	.783	.782	.792	.798	.806	.803	.838	.768	June.
.761	.752	.746	.738	.734	.724	.718	.717	.725	.733	.747	.741	.778	.705	July.
.820	.811	.804	.794	.786	.780	.777	.779	.788	.797	.807	.802	.833	.770	Aug.
.804	.794	.785	.773	.765	.759	.760	.761	.766	.777	.783	.782	.817	.750	Sept.
.882	.869	.854	.847	.841	.843	.844	.850	.857	.865	.872	.865	.907	.825	Oct.
.988	.966	.949	.940	.937	.936	.941	.946	.953	.958	.963	.962	.012	.920	Nov.
.988	.964	.943	.933	.930	.935	.938	.946	.955	.961	.968	.962	.024	.908	Dec.
.892	.879	.867	.858	.851	.847	.847	.851	.858	.867	.875	.870	.915	.827	Year

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN FRANCISCO, CAL.

[λ=37° 48′ N.; φ=122° 26′ W.; local time, 3h 10m slow. H=155 ft.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.957	.959	.959	.952	.953	.953	.947	.942	.944	.952	.959	.973	.985
Feb	29.904	.902	.900	.899	.897	.893	.890	.889	.892	.900	.913	.920	.927
Mar	29.975	.973	.971	.972	.967	.958	.957	.958	.967	.977	.990	.996	.998
Apr	29.927	.925	.924	.920	.915	.910	.909	.910	.919	.930	.938	.943	.943
May	29.847	.847	.845	.840	.936	.932	.833	.835	.845	.853	.857	.862	.863
June	29.802	.801	.797	.791	.786	.784	.785	.790	.800	.811	.820	.821	.820
July	29.750	.750	.748	.744	.741	.742	.745	.750	.762	.774	.782	.786	.787
Aug	29.807	.810	.808	.804	.800	.800	.801	.805	.818	.829	.837	.844	.847
Sept	29.770	.767	.768	.768	.765	.761	.762	.762	.772	.787	.796	.800	.805
Oct	29.871	.871	.871	.875	.871	.865	.865	.872	.879	.890	.904	.911	.910
Nov	29.953	.956	.956	.953	.952	.951	.949	.952	.957	.966	.981	.991	.995
Dec	30.050	.054	.049	.046	.046	.047	.043	.040	.043	.053	.060	.072	.084
Year	29.884	.885	.883	.880	.877	.875	.874	.875	.883	.894	.903	.910	.914

SANTA FE, N. MEX.

[λ=35° 41′ N.; φ=105° 57′ W.; local time, 2h 4m slow. H=7,013 ft.]

Jan	23.276	.273	.266	.264	.262	.258	.254	.255	.263	.271	.285	.296	.285
Feb	23.179	.177	.174	.173	.168	.162	.163	.166	.175	.186	.195	.200	.199
Mar	23.165	.166	.162	.159	.152	.149	.150	.150	.159	.168	.173	.175	.169
Apr	23.202	.202	.201	.199	.197	.196	.203	.215	.224	.228	.231	.232	.223
May	23.237	.234	.226	.223	.222	.222	.231	.234	.243	.248	.246	.244	.235
June	23.272	.273	.272	.271	.270	.270	.275	.279	.288	.294	.291	.290	.284
July	23.372	.373	.370	.370	.369	.369	.375	.385	.393	.398	.397	.397	.386
Aug	23.435	.435	.430	.429	.428	.428	.431	.438	.446	.449	.449	.448	.438
Sept	23.313	.310	.309	.306	.306	.308	.312	.323	.332	.338	.345	.348	.339
Oct	23.367	.369	.369	.369	.367	.367	.372	.375	.383	.393	.397	.399	.389
Nov	23.360	.361	.358	.358	.354	.352	.352	.357	.362	.369	.375	.381	.372
Dec	23.235	.233	.226	.226	.224	.221	.218	.221	.228	.234	.243	.251	.240
Year	23.284	.284	.280	.279	.277	.275	.278	.283	.291	.298	.302	.305	.297

SAVANNAH, GA.

[λ=32° 5′ N.; φ=81° 5′ W.; local time, 24m slow. H=65 ft.]

Jan	30.040	.036	.039	.040	.038	.042	.053	.061	.071	.077	.074	.056	.026
Feb	29.981	.979	.974	.974	.980	.988	.001	.009	.022	.029	.029	.018	.991
Mar	29.972	.968	.964	.963	.967	.978	.991	.001	.007	.007	.003	.990	.968
Apr	29.904	.899	.897	.896	.902	.917	.931	.933	.938	.942	.937	.924	.913
May	29.793	.786	.781	.781	.785	.795	.809	.816	.818	.818	.815	.807	.797
June	29.931	.926	.924	.927	.934	.943	.953	.965	.970	.971	.967	.961	.948
July	29.950	.942	.936	.935	.939	.948	.959	.969	.973	.975	.974	.968	.957
Aug	29.947	.939	.935	.935	.938	.946	.957	.967	.973	.978	.978	.968	.953
Sept	29.941	.935	.931	.931	.936	.945	.961	.970	.976	.977	.975	.965	.947
Oct	30.058	.053	.051	.051	.057	.066	.080	.091	.102	.106	.101	.088	.065
Nov	30.071	.070	.070	.069	.070	.074	.088	.096	.109	.112	.100	.080	.055
Dec	30.031	.029	.032	.034	.030	.038	.047	.059	.067	.075	.074	.051	.024
Year	29.968	.964	.961	.961	.965	.973	.986	.995	.002	.006	.002	.990	.970

WASHINGTON, D. C.

[λ=38° 54′ N.; φ=77° 3′ W.; local time, 8m slow. H=112 ft.]

Jan	29.916	.918	.919	.916	.915	.918	.928	.938	.954	.963	.959	.939	.912
Feb	29.856	.860	.862	.862	.870	.879	.888	.899	.907	.907	.901	.880	.855
Mar	29.816	.819	.816	.818	.824	.838	.850	.856	.858	.854	.843	.829	.813
Apr	29.837	.830	.825	.826	.827	.830	.839	.842	.846	.849	.840	.830	.824
May	29.755	.751	.747	.748	.756	.767	.772	.780	.782	.780	.775	.762	.751
June	29.870	.868	.868	.872	.881	.893	.902	.909	.910	.912	.907	.900	.888
July	29.850	.846	.842	.843	.849	.855	.861	.869	.871	.874	.872	.868	.856
Aug	29.905	.903	.901	.900	.901	.911	.918	.922	.927	.931	.929	.925	.918
Sept	29.948	.946	.943	.943	.951	.960	.970	.978	.984	.982	.977	.967	.950
Oct	30.052	.055	.053	.055	.062	.072	.083	.092	.094	.091	.083	.063	.042
Nov	29.954	.955	.954	.951	.955	.959	.970	.978	.981	.981	.971	.948	.931
Dec	29.967	.966	.967	.966	.965	.973	.984	.995	.005	.006	.004	.982	.970
Year	29.894	.893	.891	.892	.896	.905	.914	.922	.927	.928	.922	.908	.892

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN FRANCISCO, CAL.

[Correction applied to reduce to standard gravity—.02 inch.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.985	.966	.947	.933	.929	.924	.923	.924	.930	.935	.940	.949	.023	.871	Jan.
.927	.916	.901	.889	.885	.884	.885	.891	.898	.904	.914	.901	.959	.841	Feb.
.997	.989	.975	.962	.956	.948	.945	.946	.950	.957	.966	.969	.028	.909	Mar.
.941	.933	.927	.918	.904	.898	.896	.893	.896	.908	.917	.919	.969	.865	Apr.
.864	.861	.856	.847	.839	.835	.834	.831	.834	.940	.946	.845	.897	.791	May.
.820	.815	.808	.799	.791	.783	.775	.772	.772	.778	.788	.796	.835	.749	June.
.788	.784	.777	.765	.756	.745	.737	.732	.735	.742	.752	.757	.799	.709	July.
.846	.838	.834	.817	.802	.792	.784	.783	.789	.798	.807	.812	.852	.770	Aug.
.799	.789	.779	.764	.753	.746	.742	.741	.744	.757	.762	.769	.820	.716	Sept.
.905	.889	.875	.863	.856	.850	.846	.849	.856	.865	.871	.874	.922	.818	Oct.
.994	.973	.960	.947	.941	.936	.933	.939	.944	.950	.957	.958	.016	.892	Nov.
.077	.054	.037	.025	.018	.018	.018	.021	.027	.035	.040	.044	.109	.981	Dec.
.912	.901	.890	.877	.869	.863	.860	.860	.865	.872	.880	.883	.936	.826	Year.

SANTA FE, N. MEX.

[Correction applied to reduce to standard gravity—.03 inch.]

.267	.255	.236	.235	.235	.240	.250	.259	.264	.269	.272	.262	.332	.207	Jan.
.186	.167	.154	.149	.150	.152	.168	.176	.180	.184	.189	.174	.257	.090	Feb.
.160	.141	.127	.115	.110	.109	.114	.124	.134	.142	.146	.147	.229	.072	Mar.
.210	.197	.188	.172	.166	.166	.169	.177	.192	.207	.213	.200	.255	.142	Apr.
.223	.210	.204	.191	.184	.182	.180	.189	.203	.221	.229	.219	.285	.155	May.
.275	.263	.249	.240	.227	.218	.223	.228	.240	.260	.269	.263	.317	.199	June.
.373	.360	.348	.337	.333	.328	.331	.338	.351	.369	.378	.367	.409	.312	July.
.426	.410	.397	.380	.375	.370	.372	.384	.403	.420	.428	.419	.467	.365	Aug.
.328	.311	.299	.281	.274	.266	.273	.281	.294	.301	.306	.308	.357	.256	Sept.
.375	.349	.344	.336	.331	.331	.336	.345	.350	.361	.367	.364	.412	.317	Oct.
.356	.336	.323	.318	.321	.327	.337	.345	.349	.355	.358	.352	.416	.295	Nov.
.220	.201	.194	.195	.197	.201	.211	.221	.228	.233	.238	.222	.301	.156	Dec.
.283	.266	.255	.246	.242	.241	.247	.256	.266	.277	.283	.275	.336	.214	Year.

SAVANNAH, GA.

[Correction applied to reduce to standard gravity—.03 inch.]

.008	.997	.998	.999	.007	.020	.028	.036	.041	.047	.046	.037	.138	.943	Jan.
.966	.953	.952	.955	.962	.971	.980	.990	.996	.997	.992	.987	.066	.901	Feb.
.949	.934	.926	.924	.928	.936	.942	.949	.957	.960	.959	.964	.062	.868	Mar.
.897	.882	.873	.871	.871	.885	.895	.907	.910	.912	.913	.906	.990	.831	Apr.
.785	.768	.757	.749	.750	.761	.772	.783	.788	.790	.789	.787	.847	.727	May.
.939	.928	.921	.916	.916	.923	.932	.946	.950	.950	.948	.941	.984	.895	June.
.943	.929	.921	.917	.913	.924	.930	.940	.950	.952	.950	.946	.989	.900	July.
.943	.929	.921	.920	.920	.927	.936	.948	.954	.956	.954	.947	.985	.911	Aug.
.933	.919	.914	.915	.919	.926	.935	.950	.954	.953	.949	.944	.996	.894	Sept.
.052	.038	.035	.036	.040	.049	.055	.062	.066	.065	.061	.064	.130	.997	Oct.
.037	.026	.024	.027	.038	.050	.058	.067	.072	.075	.077	.067	.140	.996	Nov.
007	.001	.002	.005	.006	.016	.026	.034	.041	.043	.042	.034	.135	.932	Dec.
.955	.942	.937	.936	.939	.949	.957	.968	.973	.975	.973	.969	.038	.900	Year.

WASHINGTON, D. C.

[Correction applied to reduce to standard gravity—.02 inch.]

.896	.894	.894	.898	.908	.915	.922	.924	.924	.924	.915	.921	.070	.766	Jan.
.836	.828	.827	.831	.842	.852	.859	.867	.872	.874	.871	.866	.967	.745	Feb.
.795	.780	.765	.764	.768	.780	.787	.796	.798	.799	.801	.811	.933	.674	Mar.
.818	.807	.807	.810	.812	.818	.829	.838	.839	.840	.843	.829	.944	.733	Apr.
.739	.726	.715	.711	.710	.718	.726	.738	.744	.747	.754	.748	.839	.659	May.
.879	.869	.859	.854	.854	.857	.861	.873	.880	.881	.880	.880	.931	.823	June.
.842	.827	.821	.819	.818	.822	.826	.839	.845	.847	.849	.846	.899	.791	July.
.908	.895	.889	.887	.883	.883	.891	.901	.905	.908	.908	.906	.954	.862	Aug.
.938	.925	.921	.922	.926	.929	.938	.948	.952	.953	.955	.950	.023	.881	Sept.
.025	.015	.011	.013	.020	.028	.041	.048	.053	.056	.054	.053	.150	.950	Oct.
.923	.921	.924	.929	.936	.944	.949	.952	.952	.951	.955	.951	.049	.847	Nov.
.961	.957	.962	.963	.969	.976	.981	.980	.980	.980	.974	.976	.113	.823	Dec.
.880	.870	.866	.867	.870	.877	.884	.892	.895	.897	.897	.895	.989	.796	Year.

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AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BISMARCK, N. DAK.

[λ=46° 47′ N.; φ=100° 38′ W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	11.0	10.6	9.8	9.3	9.1	8.6	7.9	8.3	7.9	8.1	9.9	12.5	15.5
Feb	6.8	6.2	5.8	4.9	4.3	3.9	3.1	2.9	2.3	4.0	7.5	11.1	14.5
Mar	24.4	23.6	22.7	22.2	21.6	21.2	20.6	20.5	20.8	22.8	25.4	28.5	31.2
Apr	40.7	39.5	38.4	37.4	36.9	36.1	35.6	36.8	38.5	41.9	45.4	48.5	51.1
May	55.4	53.9	52.8	51.2	50.2	48.7	48.4	51.7	56.1	60.3	64.3	67.1	69.5
June	59.2	57.8	56.7	55.5	54.7	54.0	54.0	56.0	57.7	60.3	62.5	64.8	66.5
July	68.1	66.7	65.7	65.2	64.3	63.6	63.4	64.8	67.4	70.6	73.7	75.9	77.7
Aug	64.1	62.9	62.3	61.2	60.2	59.5	58.6	58.9	61.5	65.5	69.1	72.5	75.6
Sept	51.3	50.2	49.5	48.5	47.7	47.1	46.6	45.8	46.8	49.3	52.0	55.3	75.9
Oct	44.6	43.7	42.9	41.8	41.0	40.5	40.0	39.6	40.1	43.0	47.1	51.4	55.2
Nov	25.7	24.9	24.5	23.7	23.1	22.8	22.6	22.2	21.9	22.9	25.2	28.8	32.0
Dec	14.7	14.0	13.3	12.9	12.5	11.9	11.6	11.7	11.6	12.0	13.2	15.2	16.7
Year	38.8	37.8	37.0	36.2	35.5	34.8	34.4	34.9	36.0	38.4	41.3	44.3	47.0

BOSTON, MASS.

[λ=42° 21′ N.; φ=71° 4′ W.]

Jan	26.5	26.1	25.7	25.2	25.0	24.8	24.8	25.2	25.8	26.9	28.3	30.1	31.1
Feb	21.2	20.5	20.0	19.5	19.0	18.8	18.9	20.1	21.8	23.4	26.0	28.0	29.4
Mar	33.1	33.0	32.8	32.5	32.2	32.5	32.8	33.7	35.0	36.4	37.7	39.1	39.7
Apr	41.3	40.7	40.5	40.4	40.3	40.5	41.4	42.9	43.7	44.2	44.8	45.2	45.1
May	51.4	50.6	50.2	49.9	49.5	50.0	51.4	52.9	54.5	55.4	55.6	55.7	56.3
June	62.3	61.6	60.8	60.3	60.1	61.1	63.7	66.5	68.8	70.7	72.0	72.9	73.2
July	69.0	68.2	67.6	67.4	67.1	67.9	69.4	71.2	72.8	74.2	75.3	76.7	77.3
Aug	67.4	66.6	66.2	65.5	65.3	65.4	67.2	69.2	70.8	72.3	73.5	74.1	74.3
Sept	61.4	60.8	60.2	59.8	59.5	59.1	60.4	62.6	65.1	66.8	68.7	70.5	71.7
Oct	50.2	49.3	48.6	48.2	47.9	47.6	48.0	50.5	53.1	55.2	57.5	59.6	60.7
Nov	35.1	34.5	34.0	33.6	33.5	33.3	33.5	34.5	36.0	37.8	39.9	41.2	42.0
Dec	30.5	30.1	30.0	29.7	29.5	29.5	29.5	30.0	31.0	32.6	34.1	35.5	36.4
Year	45.8	45.2	44.7	44.3	44.1	44.2	45.1	46.6	48.2	49.7	51.1	52.4	53.1

BUFFALO, N. Y.

[λ=42° 53′ N.; φ=78° 53′ W.]

Jan	26.1	25.9	25.6	25.4	25.3	24.9	25.0	25.0	25.5	26.2	26.8	27.5	28.3
Feb	17.0	16.5	16.1	15.9	15.5	15.2	14.8	14.8	16.0	17.1	18.1	19.2	20.1
Mar	30.6	30.3	30.3	30.3	29.9	29.2	29.1	29.8	30.9	31.6	32.5	33.6	34.7
Apr	42.0	41.7	41.2	40.7	40.4	40.1	40.9	42.2	44.6	46.1	47.5	48.6	49.3
May	51.2	50.8	50.6	50.4	50.1	50.0	51.1	52.2	54.1	55.0	55.5	56.4	57.4
June	62.6	61.8	61.2	61.0	60.8	61.4	62.7	64.1	65.6	66.7	67.8	68.9	69.9
July	71.1	70.6	70.3	70.0	69.4	69.7	70.6	72.0	73.4	74.4	75.5	76.2	77.2
Aug	68.3	67.9	67.2	66.8	66.1	65.8	66.9	68.5	70.7	72.1	73.7	75.2	75.4
Sept	61.8	61.4	60.8	60.5	59.9	59.6	59.6	60.9	62.5	64.4	66.2	67.4	68.2
Oct	51.0	50.7	50.5	50.1	49.6	49.1	48.8	49.4	50.9	52.4	54.1	55.4	56.5
Nov	35.3	35.0	34.7	34.5	34.5	34.6	34.6	34.4	34.4	35.4	36.3	37.2	38.1
Dec	29.1	29.1	28.6	28.3	28.1	27.7	27.8	27.9	28.0	28.1	29.3	29.8	30.5
Year	45.5	45.1	44.8	44.5	44.1	43.9	44.3	45.1	46.4	47.5	48.6	49.6	50.5

CHICAGO, ILL.

[λ=41° 53′ N.; φ=87° 37′ W.]

Jan	24.3	24.0	24.1	23.9	23.5	23.4	23.5	23.8	24.2	24.5	25.3	26.3	27.3
Feb	15.9	15.4	15.0	14.3	14.1	13.8	13.5	13.9	14.0	15.0	16.5	17.9	19.4
Mar	32.1	32.2	31.5	31.1	30.6	30.9	31.0	31.8	32.3	33.2	33.7	34.4	34.9
Apr	43.8	43.6	43.4	43.1	42.7	42.7	42.5	43.3	43.9	44.8	45.1	45.6	45.7
May	52.2	51.8	51.2	50.8	50.5	50.1	50.3	51.5	52.7	53.5	54.5	55.0	54.8
June	66.9	66.1	65.1	63.9	63.3	63.3	64.3	66.3	67.3	68.9	69.5	69.8	70.7
July	74.5	74.1	73.5	72.7	71.5	70.8	71.5	73.3	75.4	77.2	77.7	79.0	80.7
Aug	70.0	69.7	69.2	68.5	68.0	67.7	67.7	69.2	70.2	71.8	72.5	73.4	73.9
Sept	62.7	62.2	61.3	60.7	59.8	59.1	58.8	60.1	62.2	63.8	64.8	65.8	67.1
Oct	52.7	52.0	51.1	50.4	49.7	49.1	49.1	50.1	51.8	54.1	56.0	58.2	59.3
Nov	36.6	36.3	35.5	35.0	34.5	34.3	34.3	34.6	35.4	36.5	37.8	39.1	39.8
Dec	23.6	23.4	22.8	22.6	22.3	22.0	21.9	22.4	22.1	22.4	23.0	24.0	24.8
Year	46.3	45.9	45.3	44.8	44.2	43.9	44.0	45.0	46.0	47.1	48.0	49.0	49.9

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BISMARCK, N. DAK.

[h_t=16 ft.; local time, 1h 43m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
18.1	20.0	22.0	22.3	21.2	18.5	16.8	15.3	14.3	13.3	12.2	13.4	25.7	3.6	Jan.
17.1	19.1	20.5	21.1	20.5	18.3	15.8	13.2	11.7	10.2	9.1	10.6	22.3	0.4	Feb.
30.0	34.6	35.1	35.5	35.3	34.4	32.4	29.5	27.7	26.3	25.1	27.3	37.6	18.0	Mar.
53.3	55.4	56.8	57.2	56.5	55.5	53.7	49.3	46.6	44.9	43.2	45.8	58.6	34.6	Apr.
71.1	72.4	73.0	73.0	72.7	72.0	71.1	66.0	61.6	59.3	47.2	61.6	74.9	47.1	May.
67.9	68.8	69.6	70.8	70.8	70.1	68.6	66.5	63.8	61.9	60.1	62.4	72.9	52.6	June.
79.5	81.1	82.2	83.2	82.8	82.0	80.1	76.8	73.4	71.3	69.9	72.9	84.2	62.2	July.
77.8	79.5	79.9	80.5	80.3	79.1	77.5	73.5	70.0	67.7	65.3	69.3	82.3	57.3	Aug.
60.0	61.5	63.3	63.9	63.6	62.5	59.9	56.8	55.1	53.4	51.6	54.2	65.1	44.4	Sept.
57.8	59.5	60.5	60.3	59.2	56.1	53.0	49.4	47.5	46.6	45.4	48.6	61.7	37.5	Oct.
35.0	36.8	37.8	37.7	35.6	32.8	31.3	29.7	28.7	28.0	26.9	28.4	40.1	19.0	Nov.
18.0	18.9	19.3	19.3	18.3	17.2	15.9	15.6	14.9	14.6	14.3	14.9	22.5	6.9	Dec.
48.8	50.6	51.7	52.1	51.4	49.9	48.0	45.1	42.9	41.5	39.2	42.4	54.0	32.0	Year.

BOSTON, MASS.

[h_t=115 ft.; local time, 16m fast.]

31.7	31.8	31.4	30.7	29.9	29.3	28.8	28.2	27.8	27.0	26.6	27.9	34.6	20.5	Jan.
30.2	30.2	29.4	28.5	27.2	25.8	24.8	24.0	23.2	22.3	21.9	23.9	31.1	17.4	Feb.
40.3	40.6	40.4	39.7	38.4	37.3	36.5	35.6	35.2	34.5	33.9	36.0	42.9	29.5	Mar.
45.4	45.0	44.6	44.3	44.5	44.2	44.0	43.4	43.1	42.7	42.3	43.1	48.0	39.0	Apr.
56.5	56.8	57.1	56.9	56.9	55.9	54.9	54.2	53.6	52.9	52.3	53.8	61.0	47.6	May.
73.2	73.3	73.6	73.5	72.3	70.5	68.7	67.3	66.0	64.7	63.9	67.5	77.2	59.1	June.
78.3	78.7	78.8	78.5	77.5	75.2	74.0	72.5	71.7	70.8	69.9	72.9	81.5	65.4	July.
74.9	74.9	74.8	74.4	73.5	72.0	70.9	70.1	69.5	68.6	68.0	70.4	77.4	64.0	Aug.
72.3	72.0	71.4	70.4	69.0	67.1	65.9	64.8	63.8	62.8	61.9	65.3	73.7	57.2	Sept.
61.4	61.5	60.7	59.6	57.8	56.0	54.9	53.7	52.6	51.6	50.7	54.0	63.2	45.6	Oct.
42.4	42.0	41.2	40.1	38.9	38.0	37.4	37.0	36.4	35.5	34.6	37.2	43.6	30.9	Nov.
37.2	36.6	36.1	35.7	34.9	34.3	33.6	32.8	32.4	31.6	30.9	32.7	39.5	25.3	Dec.
53.6	53.6	53.3	52.7	51.7	50.5	49.5	48.6	47.9	47.1	46.4	48.7	56.1	41.8	Year.

BUFFALO, N. Y.

[h_t=178 ft.; local time, 16m slow.]

28.6	28.6	28.4	28.3	27.8	27.5	27.2	26.6	26.3	26.2	25.8	26.6	32.6	20.5	Jan.
20.6	20.8	20.5	20.2	19.4	19.0	18.8	18.4	18.1	17.6	17.5	17.8	23.0	12.7	Feb.
35.0	35.9	35.9	35.9	34.8	33.7	33.4	32.8	32.5	31.8	31.5	32.3	39.9	25.4	Mar.
51.1	51.0	50.7	50.4	49.4	47.3	46.4	44.5	43.9	43.5	43.0	45.3	53.5	38.1	Apr.
57.4	57.6	57.5	56.7	56.0	55.0	54.5	53.7	53.0	52.6	52.0	43.8	60.7	47.8	May.
69.9	70.5	70.5	70.1	69.3	68.1	67.4	65.8	65.0	64.2	63.5	65.8	73.0	59.0	June.
77.8	78.5	78.7	78.7	78.2	76.9	76.1	74.3	73.2	72.3	71.5	74.0	80.2	67.5	July.
76.3	76.3	76.1	75.1	74.5	72.8	71.8	70.3	69.5	68.9	68.7	71.0	78.6	64.4	Aug.
68.5	68.9	68.9	68.4	67.4	66.2	65.4	64.2	63.6	62.7	62.1	64.1	70.6	57.8	Sept.
56.8	57.3	57.2	56.5	55.6	54.6	53.9	52.9	52.5	51.6	51.3	52.9	59.7	45.9	Oct.
38.6	38.9	38.5	38.0	37.4	37.0	36.8	36.0	35.6	35.4	35.0	36.1	41.5	31.0	Nov.
30.7	30.8	30.6	30.1	29.6	29.3	29.3	28.9	28.9	28.7	28.5	29.1	35.0	23.2	Dec.
50.9	51.3	51.1	50.7	50.0	49.0	48.4	47.4	46.8	46.3	45.9	47.4	54.0	41.1	Year.

CHICAGO, ILL.

[h_t=241 ft.; local time, 50m slow.]

28.0	28.8	29.0	28.5	28.2	27.7	27.3	26.8	26.4	25.7	25.2	25.8	32.8	19.2	Jan.
20.1	20.7	21.5	21.7	21.3	20.4	19.8	18.8	18.2	17.5	17.2	17.3	23.2	10.9	Feb.
35.3	36.0	36.8	36.5	35.5	34.4	34.1	33.5	33.3	32.9	32.7	33.4	40.8	27.5	Mar.
45.8	46.1	46.4	46.9	46.7	45.8	45.1	45.0	45.3	45.2	45.1	44.7	50.0	40.1	Apr.
55.7	56.5	56.8	55.7	55.8	54.3	54.2	53.0	53.5	52.6	52.0	53.3	61.0	47.2	May.
71.8	73.5	73.8	73.9	72.6	71.3	70.2	69.7	69.4	68.7	68.3	68.7	77.3	60.9	June.
81.4	81.1	81.5	81.5	81.4	80.1	79.3	76.8	76.2	75.2	74.2	76.7	85.5	69.3	July.
73.7	73.4	73.9	73.7	72.7	72.3	71.5	71.0	70.6	70.4	70.3	71.1	76.6	66.5	Aug.
67.8	68.2	68.3	67.9	67.7	66.5	65.9	65.2	64.9	64.2	63.4	64.1	70.9	57.7	Sept.
60.1	60.6	60.8	60.4	59.6	58.2	57.5	55.9	55.0	53.9	53.1	54.9	63.2	47.5	Oct.
41.0	41.4	41.6	41.0	40.2	39.4	39.1	37.9	37.3	37.0	36.7	37.6	44.0	31.3	Nov.
25.3	26.0	26.2	26.2	25.8	25.7	25.6	24.8	24.6	24.0	23.7	24.0	29.3	18.7	Dec.
50.5	51.0	51.4	51.2	50.6	49.7	49.1	48.2	47.9	47.3	46.8	47.6	54.5	41.4	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

CINCINNATI, OHIO.

[λ=39° 6′ N.; φ=84° 30′ W.]

1901	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	31.8	31.5	30.8	30.4	30.1	29.7	29.3	30.2	30.3	31.4	33.2	34.5	36.1
Feb	25.3	24.6	23.8	23.4	22.9	22.5	22.2	22.5	22.8	24.4	26.4	28.1	29.6
Mar	40.4	39.9	39.1	38.7	38.2	37.6	37.9	38.8	40.0	41.4	42.9	44.7	46.3
Apr	47.0	46.1	45.1	44.4	43.6	43.0	42.9	43.7	46.2	48.8	51.3	53.0	54.4
May	58.5	57.7	56.8	56.1	55.1	54.5	55.2	57.2	60.3	62.6	64.8	66.3	67.7
June	70.1	68.7	68.0	67.5	66.9	66.6	67.7	69.6	72.9	74.7	76.8	78.5	80.4
July	77.8	76.8	75.6	74.6	73.6	73.0	73.8	76.5	79.7	83.0	85.5	87.2	89.4
Aug	72.9	72.0	71.0	70.0	69.2	68.5	68.4	69.9	72.7	75.6	78.1	80.1	81.7
Sept	64.2	63.1	62.2	61.5	60.7	60.2	59.6	60.9	63.8	66.4	70.2	72.0	74.3
Oct	53.5	52.7	51.4	50.6	49.3	48.5	48.0	48.5	51.2	55.2	60.0	63.1	65.2
Nov	38.2	37.7	36.8	36.2	35.8	35.7	35.5	36.3	37.2	39.1	41.6	43.2	45.5
Dec	29.5	28.9	28.5	28.1	27.7	27.4	27.2	27.4	27.5	28.5	29.9	31.1	32.4
Year	50.8	50.0	49.1	48.5	47.8	47.3	47.3	48.5	50.4	52.6	55.1	56.8	58.6

CLEVELAND, OHIO.

[λ=41° 30′ N.; φ=81° 42′ W.]

Jan	27.7	27.2	26.9	26.7	26.5	26.5	26.3	26.1	26.3	26.9	27.7	28.7	29.4
Feb	19.1	18.7	17.9	17.1	16.5	16.0	15.6	15.6	16.0	17.5	18.9	20.1	20.6
Mar	34.2	34.1	33.9	33.5	33.4	32.8	32.9	33.1	34.0	35.5	35.9	37.0	37.9
Apr	42.3	41.7	41.2	41.0	40.7	40.5	41.2	41.6	43.3	44.7	44.8	45.4	45.2
May	53.7	53.1	52.9	52.3	51.6	51.9	52.5	53.9	55.9	57.2	58.3	56.9	57.1
June	64.3	63.9	63.1	62.9	62.6	62.5	63.4	65.4	67.5	69.4	69.9	70.3	70.3
July	74.0	72.8	71.7	71.5	70.7	70.5	71.6	73.2	75.7	77.3	77.9	78.2	78.1
Aug	69.8	68.8	68.3	67.5	66.6	66.5	67.1	68.1	70.5	72.4	73.8	73.9	74.4
Sept	62.0	61.4	60.8	60.0	59.3	58.6	58.3	59.2	61.7	64.0	65.7	66.9	67.6
Oct	51.0	50.2	49.8	49.3	48.6	48.2	48.1	48.6	50.8	53.5	55.5	57.2	58.3
Nov	37.1	37.0	36.5	36.4	36.3	36.6	35.8	35.6	36.3	37.4	38.3	39.4	39.9
Dec	27.2	27.0	26.2	25.7	25.5	25.2	24.8	24.7	24.9	26.2	27.6	28.6	29.7
Year	46.9	46.3	45.8	45.3	44.9	44.6	44.8	45.4	46.9	48.5	49.5	50.2	50.7

DETROIT, MICH.

[λ=42° 20′ N.; φ=83° 3′ W.]

Jan	24.1	24.0	23.9	23.8	23.2	23.4	23.2	23.5	23.2	24.0	25.0	25.7	26.8
Feb	15.5	15.0	14.8	14.2	13.8	13.6	13.2	13.0	13.4	14.7	16.8	18.4	19.8
Mar	30.3	29.7	29.2	29.2	29.3	29.4	29.4	29.7	30.5	31.8	33.3	34.5	35.5
Apr	43.2	42.8	42.4	41.7	41.6	41.0	41.2	43.1	44.8	46.8	48.8	50.8	52.1
May	52.9	52.1	51.4	50.8	50.4	50.1	50.8	52.6	54.4	56.8	58.7	60.0	61.1
June	64.2	63.3	62.5	61.6	61.1	61.3	62.7	65.0	67.4	70.0	70.9	72.1	73.4
July	71.9	70.9	69.8	69.2	68.6	68.8	69.9	72.3	74.5	77.5	79.1	81.1	82.4
Aug	68.0	67.3	66.6	66.1	65.5	64.9	65.8	67.9	69.8	71.8	73.7	75.4	76.5
Sept	60.3	59.7	59.4	58.8	58.7	58.3	58.2	59.3	62.0	64.7	66.9	68.8	70.2
Oct	49.2	48.5	47.5	47.1	46.4	45.9	45.8	46.7	49.3	51.6	54.1	56.6	58.3
Nov	34.8	34.7	34.3	33.8	33.6	33.3	33.1	33.5	34.4	35.7	37.4	38.2	39.0
Dec	24.6	24.4	24.3	23.7	23.5	23.2	22.9	23.0	23.2	24.2	25.8	26.9	27.8
Year	44.9	44.4	43.8	43.3	43.0	42.8	43.0	44.1	45.6	47.5	49.2	50.7	51.9

DODGE, KANS.

[λ=37° 45′ N.; φ=100° 0′ W.]

Jan	28.3	27.3	25.9	24.9	24.1	23.5	23.5	22.2	21.1	22.8	29.2	35.4	39.4
Feb	25.2	24.4	23.9	23.2	22.9	23.2	23.1	22.3	22.2	24.5	28.6	31.4	34.1
Mar	37.2	36.1	35.0	34.0	33.0	32.2	31.1	30.0	32.1	36.8	41.9	44.9	47.8
Apr[a]													
May[a]													
June[b]	71.8	70.3	69.1	68.1	67.0	66.4	66.1	69.0	72.3	76.4	80.8	84.6	87.6
July	75.4	74.3	72.3	71.7	70.3	69.3	69.3	72.5	77.3	82.1	86.6	89.5	92.0
Aug	71.7	70.8	69.5	68.6	67.5	66.2	65.9	66.6	71.0	76.2	80.9	83.5	86.2
Sept	63.6	62.7	61.8	60.9	60.8	60.0	59.2	59.4	61.8	65.5	69.3	72.3	75.5
Oct	54.0	53.3	52.3	51.0	50.0	49.3	48.9	48.8	50.2	54.9	60.3	63.9	67.4
Nov	41.6	40.3	38.9	37.1	36.9	36.4	35.7	35.2	35.1	38.9	46.1	50.6	54.0
Dec	27.2	27.1	26.8	25.0	24.8	24.3	24.1	23.4	23.0	24.3	29.4	35.2	38.7
Year													

[a] No record. [b] Record for 21 days.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

CINCINNATI, OHIO.

[h_t=152 ft.; local time, 38m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901
36.9	37.9	38.2	37.8	37.2	35.4	34.7	33.9	33.5	33.0	32.5	33.4	41.3	25.1	Jan.
30.6	32.2	32.6	32.6	31.8	30.9	30.5	29.4	28.4	27.2	26.4	27.1	34.9	19.6	Feb.
47.2	48.9	49.1	48.8	47.9	46.6	45.6	44.1	42.7	41.7	40.8	42.9	52.4	34.2	Mar.
55.2	56.3	56.5	57.0	56.4	55.7	54.9	52.9	51.5	50.1	49.1	50.2	58.6	41.2	Apr.
68.3	68.6	69.1	69.3	68.8	67.6	66.2	64.1	62.7	60.9	59.7	62.4	71.2	53.8	May.
82.0	82.8	82.5	82.3	81.3	79.8	78.1	76.0	74.8	73.4	72.1	74.7	84.2	65.8	June.
90.7	91.8	91.3	91.2	89.7	87.6	86.1	83.1	81.6	80.0	78.7	82.4	92.9	71.9	July.
82.8	83.7	83.8	83.3	82.9	81.7	79.8	77.4	76.3	75.0	74.0	76.3	85.4	67.9	Aug.
75.5	76.8	77.2	77.3	76.8	74.8	72.9	70.8	68.9	67.2	66.3	68.4	78.1	59.1	Sept.
66.4	67.6	67.9	67.5	66.4	63.8	62.0	59.5	58.1	56.5	55.1	57.8	68.7	46.3	Oct.
46.3	46.9	46.7	46.1	45.1	43.1	42.3	41.0	40.1	39.2	38.4	40.6	48.7	33.3	Nov.
33.5	34.4	34.6	34.4	33.7	33.1	32.5	31.6	30.9	30.1	29.8	30.5	38.0	24.0	Dec.
59.6	60.7	60.8	60.6	59.8	58.3	57.1	55.3	54.1	52.9	51.9	53.9	62.9	45.2	Year.

CLEVELAND, OHIO.

[h_t=190 ft.; loca time, 27m slow.]

29.6	29.9	30.3	30.2	29.8	29.4	29.2	28.9	28.7	28.5	28.1	28.2	34.7	21.9	Jan.
21.2	21.7	21.9	22.1	21.8	21.5	21.2	21.0	20.6	20.1	19.8	19.3	25.5	13.5	Feb.
38.9	38.7	39.2	39.0	38.2	37.5	37.3	36.8	36.2	35.7	35.5	35.9	44.7	28.6	Mar.
45.9	46.4	47.1	47.6	47.8	46.9	46.6	46.1	45.5	44.6	43.9	44.2	50.5	38.4	Apr.
57.0	57.7	57.8	58.3	58.3	57.4	57.3	56.1	55.0	54.6	54.1	55.5	62.6	49.0	May.
70.0	70.3	70.6	71.0	71.3	71.4	70.8	69.7	68.5	67.4	66.4	67.6	75.0	60.7	June.
78.6	78.7	79.5	80.7	80.3	80.3	79.2	77.3	76.1	75.1	74.0	76.0	83.3	69.1	July.
74.4	74.7	74.3	74.5	74.8	74.4	73.5	72.6	71.8	71.1	70.3	71.4	77.2	65.1	Aug.
68.2	68.7	69.4	69.3	68.9	67.6	66.2	64.9	64.1	63.2	62.3	64.1	71.4	56.8	Sept.
59.1	59.0	59.6	59.3	58.2	56.5	55.5	53.8	53.1	52.2	51.8	53.6	61.9	45.6	Oct.
40.0	40.3	40.2	40.1	39.8	39.2	38.9	38.3	38.4	37.2	36.7	38.0	43.3	33.0	Nov.
29.8	30.3	30.2	30.2	30.0	29.5	29.2	28.7	28.4	27.8	27.4	27.7	34.5	21.8	Dec.
51.1	51.4	51.7	51.9	51.6	51.0	50.4	49.5	48.9	48.1	47.5	48.5	55.4	42.0	Year.

DETROIT, MICH.

[h_t=160 ft.; local time, 32m slow.]

27.2	27.8	27.6	27.5	27.2	26.6	26.7	26.0	25.6	25.0	24.4	25.2	31.1	19.1	Jan.
20.6	21.0	21.3	21.1	20.6	19.8	19.2	18.4	17.7	17.0	16.2	17.0	22.4	10.5	Feb.
36.5	37.2	37.2	37.0	36.5	35.2	34.1	33.1	32.2	31.7	31.2	32.6	40.8	25.6	Mar.
52.9	53.3	53.6	53.4	52.6	50.6	48.8	47.4	46.4	45.6	44.8	47.1	55.4	40.0	Apr.
61.6	62.3	62.1	62.0	61.0	59.7	58.1	56.5	55.0	54.5	53.5	56.2	64.6	48.6	May.
74.7	75.2	76.4	75.9	74.9	73.8	72.3	69.8	68.1	67.1	66.0	68.7	77.8	59.9	June.
83.4	84.2	84.0	83.7	82.3	80.6	78.3	76.2	74.7	73.3	72.1	76.2	86.2	67.4	July.
77.3	77.8	78.2	77.9	76.5	75.4	73.7	72.0	70.9	69.9	68.8	71.6	79.8	64.0	Aug.
71.3	71.4	71.8	71.2	69.3	66.7	65.4	63.5	62.3	61.6	60.6	64.2	73.0	56.6	Sept.
59.9	60.7	60.9	59.7	57.5	55.5	54.3	53.1	52.3	51.4	50.1	52.6	62.2	43.5	Oct.
39.7	39.9	39.8	39.1	38.5	37.4	37.3	36.0	35.5	35.0	34.6	36.2	42.1	30.6	Nov.
28.2	28.9	29.0	28.5	27.6	26.9	26.7	26.1	25.4	25.0	24.5	25.6	31.2	19.5	Dec.
52.8	53.3	53.5	53.1	52.0	50.7	49.6	48.2	47.2	46.4	45.6	47.8	55.6	40.4	Year.

DODGE, KANS.

[h_t= 44 ft.; local time, 1h 40m slow.]

42.2	44.8	46.5	47.0	46.1	42.2	37.4	34.7	33.0	31.5	30.6	32.7	48.8	18.7	Jan.
35.8	37.4	38.7	39.4	39.1	37.1	33.5	31.1	29.9	27.8	26.8	29.4	41.5	18.8	Feb.
49.7	51.1	51.9	52.7	52.4	50.3	46.4	42.6	40.9	39.1	37.8	41.1	56.2	27.9	Mar.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.8	40.7	Apr.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75.8	48.8	May.
90.4	91.2	91.1	91.1	89.5	86.9	84.3	80.9	78.2	75.7	73.6	78.4	90.7	62.8	June.
93.2	94.7	95.4	95.2	93.9	90.8	88.9	84.7	80.9	78.3	77.2	82.3	96.5	68.4	July.
88.3	89.6	90.8	90.8	90.1	88.1	85.7	80.7	77.7	75.1	73.3	78.1	92.2	64.8	Aug.
77.6	79.6	80.6	80.9	79.4	77.0	73.7	70.3	67.8	66.1	64.8	68.8	82.0	57.2	Sept.
69.1	70.3	70.9	70.3	69.5	65.1	61.3	58.5	56.9	55.5	54.1	58.6	72.5	47.2	Oct.
57.1	58.7	59.3	59.4	56.6	51.5	48.0	45.5	44.4	43.2	42.2	45.5	60.6	31.7	Nov.
40.8	42.1	42.6	42.7	41.0	36.4	34.0	32.0	30.7	29.4	28.3	31.4	46.1	19.3	Dec.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69.0	42.2	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

EASTPORT, ME.

[λ=44° 54′ N.; φ=66° 59′ W.]

1901	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	19.6	19.4	19.1	18.7	18.1	17.8	17.6	18.1	18.3	19.0	19.9	21.0	21.8
Feb	18.0	17.5	16.9	16.3	15.9	15.3	15.3	16.0	17.4	18.9	20.6	21.8	22.8
Mar	28.8	28.2	27.3	27.2	27.1	26.9	27.0	27.7	29.0	30.3	31.4	32.2	32.7
Apr	38.2	37.9	37.5	37.2	37.3	38.0	39.0	40.0	40.7	41.7	42.6	43.3	43.8
May	42.5	42.2	42.0	41.9	42.1	43.0	44.3	45.7	46.9	48.1	48.9	50.1	50.7
June	51.7	51.4	50.2	50.0	50.5	52.1	54.5	56.3	58.4	60.0	60.7	60.9	61.8
July	58.1	57.5	57.0	56.5	56.7	58.3	60.7	63.5	64.9	66.7	68.2	68.8	69.4
Aug	57.5	56.7	56.3	55.8	56.1	57.1	58.9	61.1	62.8	64.0	65.5	66.7	67.9
Sept	52.7	52.6	52.2	51.9	51.7	51.9	53.5	55.7	57.7	59.6	61.4	62.3	62.9
Oct	44.9	44.5	44.3	44.0	43.9	43.9	44.8	46.2	48.2	49.5	51.0	51.5	51.7
Nov	33.2	33.0	32.5	32.2	32.0	31.4	31.2	31.9	32.8	33.7	34.8	35.8	36.8
Dec	28.3	28.3	28.0	27.7	27.3	27.1	27.1	27.5	28.0	28.8	29.9	30.6	31.0
Year	39.5	39.1	38.6	38.3	38.2	38.6	39.5	40.8	42.1	43.4	44.6	45.4	46.1

GALVESTON, TEX.

[λ=29° 18′ N.; φ=94° 50′ W.]

Jan	55.9	55.6	55.4	55.2	54.9	54.6	54.5	54.8	54.4	55.4	57.1	58.2	59.3
Feb	53.8	53.6	53.5	52.9	52.6	52.7	52.5	52.4	52.2	53.1	54.0	54.6	55.5
Mar	60.4	59.8	59.5	59.1	58.9	58.6	58.4	58.3	59.1	60.0	61.1	62.5	63.5
Apr	64.7	64.4	64.0	63.7	63.4	63.4	63.3	63.3	63.8	65.4	66.7	67.7	68.5
May	72.8	72.4	72.1	71.6	71.4	71.0	70.7	71.5	71.9	72.9	74.3	75.8	76.7
June	79.5	79.2	79.0	78.7	78.5	78.2	77.9	78.8	80.0	81.0	82.0	83.1	83.5
July	82.1	82.1	81.7	81.4	81.0	80.7	80.1	80.7	81.7	82.4	84.2	85.0	85.3
Aug	82.6	82.3	82.1	81.8	81.3	80.8	80.0	80.9	81.4	82.6	83.8	84.7	86.0
Sept	77.9	77.6	77.4	76.9	76.0	75.8	75.2	75.3	75.8	76.6	77.9	78.8	79.8
Oct	71.8	71.4	70.7	70.6	70.5	70.2	69.7	69.5	70.0	71.5	72.8	73.7	74.7
Nov	63.2	62.9	62.8	62.5	62.2	61.8	61.6	61.3	61.5	62.2	63.5	64.6	65.7
Dec	53.4	53.0	52.8	52.3	51.7	51.3	51.0	51.0	50.6	51.1	52.3	53.3	54.5
Year	68.2	67.9	67.6	67.2	66.9	66.6	66.2	66.5	66.9	67.8	69.1	70.2	71.1

HAVRE, MONT.

[λ=48° 34′ N.; φ=109° 40′ W.]

Jan	15.1	15.4	15.0	15.5	15.2	15.1	15.5	15.7	14.9	14.5	15.7	17.8	20.4
Feb	12.5	12.7	11.5	10.8	10.0	10.0	9.4	9.6	9.4	10.2	13.3	15.6	18.4
Mar	30.5	29.6	28.8	28.4	28.4	28.3	28.4	28.6	29.2	31.0	34.1	37.0	39.0
Apr	41.1	39.1	37.3	36.3	35.3	34.4	33.8	33.8	36.3	40.7	44.2	47.1	49.4
May	55.1	54.1	52.4	50.9	49.8	49.0	49.0	49.5	52.9	55.2	58.8	61.4	63.7
June	51.6	50.2	49.2	48.4	47.2	46.5	47.5	48.3	51.8	53.7	56.3	58.2	60.3
July	65.8	64.4	62.2	61.2	59.6	58.1	57.6	58.5	63.0	66.2	70.3	73.4	76.7
Aug	65.4	63.3	61.4	60.0	58.1	57.1	55.8	55.6	59.2	63.3	68.2	71.3	74.8
Sept	48.1	47.3	46.3	45.4	44.5	43.9	43.7	43.4	43.9	45.8	49.1	51.5	53.8
Oct	44.8	43.8	42.6	41.9	40.9	40.0	39.5	39.4	38.9	42.5	48.9	52.6	56.5
Nov	30.7	30.2	29.0	29.0	28.2	27.4	27.7	27.6	27.5	29.3	32.4	35.1	39.1
Dec	26.2	25.9	25.4	25.5	25.5	25.7	25.3	25.3	25.2	24.9	25.7	27.3	28.9
Year	40.6	39.7	38.4	37.8	36.9	36.3	36.1	36.3	37.7	39.8	43.1	45.7	48.4

KANSAS CITY, MO.

[λ=39° 5′ N.; φ=94° 37′ W.]

Jan	33.0	32.4	31.7	31.4	31.0	30.3	29.7	29.3	28.8	29.0	30.8	33.3	35.8
Feb	25.7	25.1	24.4	23.8	23.5	22.9	22.4	22.3	22.0	22.9	24.3	26.2	28.2
Mar	40.2	39.5	38.9	38.2	37.6	36.9	36.6	36.3	36.4	38.1	39.7	41.6	43.1
Apr	51.6	50.4	49.7	48.8	48.0	47.3	46.6	47.0	48.6	51.1	53.8	55.6	57.3
May	61.3	60.3	59.5	58.2	57.2	56.9	56.5	57.5	59.9	62.5	65.2	66.5	67.7
June	75.3	74.2	72.7	71.4	70.2	69.4	68.8	*70.5	73.1	76.4	79.3	62.4	85.0
July	83.1	82.2	81.2	80.2	79.5	78.4	77.7	79.1	81.5	85.1	88.0	90.6	92.7
Aug	75.7	74.8	73.5	72.5	71.5	70.5	70.1	71.2	72.8	76.2	79.5	82.7	84.4
Sept	65.8	64.6	63.0	62.5	61.8	61.2	60.4	60.6	61.7	64.1	67.5	70.1	72.5
Oct	58.4	57.4	56.5	56.0	55.0	54.2	53.7	53.6	54.2	56.9	60.3	63.0	65.8
Nov	42.6	41.5	40.7	39.8	39.3	38.7	38.3	37.8	37.7	39.3	41.8	45.5	48.1
Dec	27.2	26.6	26.2	26.0	25.6	25.4	25.1	25.1	24.9	25.7	27.1	28.8	29.8
Year	53.3	52.4	51.5	50.7	50.0	49.3	48.8	49.2	50.1	52.3	54.8	57.2	59.2

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

EASTPORT, ME.

[h_t=69 ft; local time, 32m fast.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901
22.3	22.5	22.2	21.9	21.3	20.9	20.6	20.1	19.6	19.4	19.0	19.9	26.6	12.4	Jan.
23.7	24.1	23.6	22.8	22.1	21.4	21.0	20.3	19.6	18.9	18.4	19.5	25.6	13.0	Feb.
33.4	33.6	33.4	32.8	32.3	31.8	31.6	31.2	30.8	30.3	30.0	30.3	36.1	23.6	Mar.
44.5	44.3	44.2	44.0	43.0	42.1	41.8	40.4	39.6	39.0	38.6	40.8	46.5	36.3	Apr.
51.1	50.9	50.4	49.8	48.7	46.8	46.3	45.6	44.9	44.1	43.5	46.3	53.8	40.6	May.
61.5	62.4	61.2	60.6	59.0	56.7	56.1	54.4	53.9	53.2	53.2	56.3	66.4	48.4	June.
67.7	68.0	67.0	66.0	63.8	62.3	61.9	60.1	59.6	58.8	58.3	62.5	71.8	53.4	July.
67.8	67.8	67.4	66.1	63.6	62.1	61.1	49.2	58.6	58.3	57.7	61.5	70.0	54.0	Aug.
62.8	62.5	61.7	60.2	58.5	57.2	56.5	55.2	54.7	53.7	53.2	56.8	65.2	49.5	Sept.
52.0	52.0	50.9	49.5	48.7	48.0	47.5	46.7	45.9	45.5	45.2	47.5	54.4	41.6	Oct.
37.1	37.0	36.3	35.7	35.1	34.6	34.3	33.4	32.9	32.4	32.3	33.9	39.0	29.0	Nov.
31.3	31.1	30.6	30.1	29.7	29.2	28.9	28.7	28.7	28.7	28.5	29.0	35.7	22.7	Dec.
46.3	46.4	45.7	45.0	43.8	42.8	42.3	41.3	40.7	40.2	39.8	42.0	49.3	35.4	Year.

GALVESTON, TEX.

[h_t=106 ft.; local time, 1h 19m slow.]

59.7	60.0	59.9	59.7	59.1	58.3	58.0	57.2	56.8	56.6	56.4	57.0	61.9	52.3	Jan.
56.4	56.8	57.0	57.1	57.0	56.3	56.2	55.6	55.3	54.9	54.8	54.6	60.2	49.1	Feb.
63.6	64.4	64.8	65.0	64.5	63.7	63.1	62.3	62.0	61.5	61.1	61.5	66.6	56.3	Mar.
68.9	69.2	69.6	69.4	69.2	68.3	66.8	66.3	65.9	65.6	65.4	66.1	70.9	61.6	Apr.
77.5	77.7	77.6	77.5	76.8	75.9	74.5	73.8	73.6	73.4	73.1	74.0	79.0	70.3	May.
84.7	84.9	84.8	84.3	83.7	83.1	81.8	81.0	80.5	80.3	79.9	81.2	86.0	77.4	June.
85.9	86.5	86.4	86.2	85.6	84.7	83.9	83.2	83.0	82.7	82.2	83.3	88.2	78.2	July.
86.2	86.4	86.5	86.1	85.9	85.3	84.1	83.7	83.0	82.8	82.6	83.5	89.0	78.8	Aug.
80.4	80.3	80.3	80.5	79.8	79.6	78.9	78.6	78.5	78.4	78.0	78.1	82.0	73.5	Sept.
74.9	75.4	75.5	75.4	74.7	73.9	73.2	72.8	72.6	72.4	71.9	72.5	76.8	68.6	Oct.
66.0	66.4	67.0	66.8	66.5	65.7	65.1	64.7	64.3	63.7	63.4	64.0	68.5	58.9	Nov.
55.1	55.7	56.2	56.6	56.3	55.6	55.1	54.5	53.9	53.4	53.2	53.5	59.7	46.7	Dec.
71.6	72.0	72.1	72.1	71.6	70.9	70.1	69.5	69.1	68.8	68.5	69.1	74.1	64.3	Year.

HAVRE, MONT.

[h_t=46 ft.; local time, 2h 19m slow.]

22.0	23.5	23.7	23.6	22.8	20.8	19.4	18.1	17.3	16.8	16.5	17.9	26.8	8.2	Jan.
19.8	21.0	21.6	22.1	22.1	19.6	18.4	16.6	15.6	14.9	14.0	15.0	24.7	4.3	Feb.
40.8	42.6	43.0	43.7	43.0	41.6	40.8	36.9	34.5	33.2	31.7	34.7	45.9	24.5	Mar.
51.2	52.9	54.4	55.0	55.3	54.7	54.1	50.1	47.2	45.3	43.8	44.7	57.1	31.4	Apr.
65.2	66.2	67.5	68.0	68.3	67.8	67.4	64.2	61.3	58.0	56.6	58.8	70.7	46.9	May.
61.1	62.8	63.6	64.0	64.0	63.4	63.0	61.0	58.8	55.4	53.3	55.8	66.5	45.5	June.
79.1	81.0	82.7	83.7	83.5	83.0	82.0	78.7	75.5	70.6	68.5	71.1	85.2	56.6	July.
77.3	79.7	81.2	82.2	82.4	81.4	81.4	77.8	73.7	69.5	66.9	69.5	84.1	54.4	Aug.
55.6	57.0	57.3	57.6	57.8	56.9	56.1	52.4	50.4	49.2	48.1	50.2	59.9	41.1	Sept.
59.5	62.1	63.1	63.5	62.3	58.3	56.9	51.5	49.5	47.8	46.5	49.7	65.1	35.9	Oct.
41.9	43.1	43.4	42.2	40.3	37.8	36.7	34.6	33.5	32.0	30.7	33.7	45.9	22.9	Nov.
29.5	31.1	31.6	31.6	30.6	29.5	29.0	28.2	27.7	27.6	27.5	27.5	36.5	19.8	Dec.
50.2	51.9	52.8	53.1	52.7	51.2	50.4	47.5	45.4	43.4	42.0	44.0	55.7	32.6	Year.

KANSAS CITY, MO.

[h_t=78 ft.; local time, 1h 18m slow.]

37.9	39.6	40.5	40.9	39.7	38.2	37.3	36.0	35.3	34.5	33.5	34.2	43.5	25.9	Jan.
29.5	30.9	31.9	32.2	31.6	30.8	29.9	29.0	28.3	27.6	26.9	26.8	34.2	19.2	Feb.
44.7	46.3	47.2	48.3	48.1	47.3	45.4	44.0	42.9	42.1	41.0	41.7	51.8	32.6	Mar.
58.6	59.2	60.1	60.4	60.2	59.7	58.5	57.0	55.8	54.7	53.8	53.9	62.9	44.9	Apr.
68.9	70.3	70.5	71.1	71.0	70.3	68.9	67.1	65.2	63.4	62.1	64.1	72.5	55.2	May.
87.2	88.8	89.6	89.8	89.3	86.9	85.4	83.2	81.0	79.2	77.2	79.4	90.7	67.8	June.
94.5	95.9	96.8	96.9	95.7	95.2	93.7	91.2	89.1	86.7	84.7	87.5	98.3	75.9	July.
85.9	87.2	88.0	88.0	88.0	86.7	84.6	82.3	80.2	78.3	76.8	79.2	89.5	69.1	Aug.
74.6	75.9	77.1	77.6	77.1	75.8	72.9	71.2	69.3	68.1	66.9	68.4	78.4	59.3	Sept.
67.8	69.4	70.3	70.4	69.5	67.2	65.0	63.0	61.5	60.3	59.0	61.2	71.6	51.9	Oct.
50.1	51.4	52.8	53.1	52.2	50.8	49.2	47.6	46.4	44.8	43.6	44.7	54.6	35.0	Nov.
31.2	32.1	32.4	32.5	31.6	30.4	29.6	28.8	28.3	27.9	27.4	28.2	35.2	21.7	Dec.
60.9	62.2	63.1	63.4	62.8	61.6	60.0	58.4	56.9	55.6	54.4	55.8	65.3	46.5	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KEY WEST, FLA.

[λ = 24° 34′ N.; φ = 81° 49′ W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	67.4	66.9	66.6	66.4	66.3	66.2	66.0	66.6	67.4	68.3	69.1	69.5	69.7
Feb	65.9	65.6	65.2	65.0	65.1	65.0	64.5	65.3	66.9	67.5	68.2	69.0	69.3
Mar	68.1	67.8	67.5	67.2	67.1	66.9	67.5	68.2	70.1	70.7	71.5	71.9	72.8
Apr	70.7	70.4	70.1	69.9	69.8	69.2	70.1	70.8	71.2	71.9	72.5	73.5	73.6
May	74.4	74.3	74.0	73.8	74.0	74.4	76.4	77.5	78.7	79.1	79.7	80.0	80.3
June	79.1	78.5	78.3	78.3	78.1	78.5	79.8	81.2	81.7	82.4	82.8	83.3	82.5
July	79.9	79.8	79.4	78.8	78.8	79.2	80.4	81.7	82.2	83.5	84.4	84.5	84.7
Aug	79.9	79.5	79.0	79.1	79.5	79.4	80.9	82.2	82.7	83.9	84.1	83.9	84.7
Sept	80.0	79.5	79.7	79.7	79.7	79.8	81.0	81.9	82.8	83.3	84.2	84.1	84.3
Oct	77.6	77.1	77.2	76.9	76.9	76.5	77.1	77.8	78.6	79.1	79.6	80.2	80.7
Nov	69.7	69.4	69.3	69.1	68.7	68.3	68.4	69.2	70.2	70.8	71.3	71.8	72.1
Dec	66.4	66.1	65.9	65.8	65.5	65.6	65.6	66.3	67.3	68.1	68.9	69.3	69.8
Year	73.3	72.9	72.7	72.5	72.5	72.4	73.1	74.1	75.0	75.7	76.4	76.8	77.0

MARQUETTE, MICH.

[λ = 46° 34′ N.; φ = 87° 24′ W.]

Jan	17.8	17.5	17.5	17.4	17.2	17.1	16.6	16.6	16.7	16.9	17.6	18.8	19.8
Feb	12.6	12.3	12.0	11.6	11.0	10.6	10.1	9.8	10.3	11.5	13.4	14.8	15.9
Mar	23.3	23.2	22.7	22.7	22.4	22.2	21.7	22.0	22.0	22.6	23.3	24.1	24.5
Apr	40.2	39.5	38.9	38.2	37.1	37.7	38.4	39.5	40.5	42.2	43.4	44.1	43.6
May	47.4	47.2	46.2	45.9	45.4	45.2	46.4	47.7	48.2	48.7	49.4	49.3	49.6
June	58.5	57.9	57.2	56.9	56.3	56.2	57.1	59.2	58.9	59.4	61.7	62.5	61.4
July	64.6	64.5	64.0	63.5	63.3	63.3	64.0	65.3	66.6	67.6	68.5	69.4	70.3
Aug	63.5	63.2	62.9	62.6	62.3	61.9	62.3	64.3	65.4	66.3	67.2	67.5	67.6
Sept	55.2	55.0	54.5	54.4	54.1	54.0	54.1	55.4	56.7	58.1	59.2	60.1	60.6
Oct	46.9	46.8	46.4	46.0	45.6	45.5	45.2	45.6	46.3	47.5	48.6	49.6	50.5
Nov	31.6	31.3	30.4	30.7	30.6	30.4	30.3	30.2	30.2	30.6	31.3	32.0	32.4
Dec	20.9	20.5	20.2	20.1	19.8	19.5	19.5	19.3	19.2	19.6	20.5	21.5	22.6
Year	40.2	39.9	39.4	39.2	38.8	38.6	38.8	39.6	40.1	40.9	42.0	42.8	43.2

MEMPHIS, TENN.

[λ = 35° 9′ N.; φ = 90° 3′ W.]

Jan	44.9	43.9	43.5	43.0	42.5	41.9	41.5	41.0	40.7	41.6	43.0	45.2	46.8
Feb	40.4	39.4	38.5	37.8	37.2	36.2	35.6	35.2	35.2	36.6	38.5	41.1	42.8
Mar	49.5	49.1	48.5	47.6	47.0	46.3	45.4	45.4	45.8	47.6	49.5	51.7	53.7
Apr	55.6	55.0	54.3	53.2	52.5	51.8	51.5	52.5	53.6	55.6	57.5	60.0	62.0
May	66.2	65.3	64.1	63.0	62.4	61.7	61.2	63.1	64.8	67.5	69.3	71.2	72.4
June	76.2	74.9	74.2	73.1	72.4	71.7	72.2	74.9	77.2	79.4	81.2	83.2	85.0
July	79.8	78.5	77.5	76.7	75.8	74.6	75.0	77.7	79.4	81.7	84.2	87.4	89.2
Aug	75.6	74.7	74.2	73.5	72.9	72.4	72.2	73.3	75.4	77.9	79.7	81.3	83.1
Sept	69.4	68.6	67.8	67.1	66.2	65.5	65.0	65.4	67.8	70.7	73.0	75.1	77.1
Oct	61.0	60.0	59.3	58.4	57.7	57.0	56.6	56.5	58.8	62.3	65.4	68.4	70.5
Nov	48.9	48.0	47.4	46.4	45.6	44.8	44.2	43.6	43.5	46.2	48.8	52.0	54.3
Dec	36.8	36.1	35.8	35.6	35.1	34.5	33.9	33.8	33.4	34.4	35.8	37.9	39.3
Year	58.7	57.8	57.1	56.3	55.6	54.9	54.5	55.2	56.3	58.5	60.5	62.9	64.7

NEW ORLEANS, LA.

[λ = 29° 58′ N.; φ = 90° 4′ W.]

Jan	52.5	52.0	51.4	50.9	50.7	50.5	50.4	50.5	51.8	54.8	57.2	59.1	60.5
Feb	51.2	50.3	49.8	49.8	49.7	49.2	48.9	49.1	50.8	52.7	54.4	56.0	56.9
Mar	57.9	57.3	56.9	56.2	55.6	55.4	54.8	55.1	57.4	59.9	62.1	64.4	66.1
Apr	61.5	61.0	60.3	59.6	59.2	59.0	59.1	59.8	62.5	64.9	67.1	68.6	70.6
May	69.2	68.6	68.0	67.5	67.1	66.9	67.7	68.5	73.0	75.7	77.7	79.3	80.9
June	75.9	75.3	75.1	74.8	74.6	75.1	76.4	77.5	81.6	83.7	85.3	86.4	87.0
July	77.9	77.5	77.3	77.1	76.8	77.0	78.2	79.5	82.4	83.9	84.9	85.7	87.1
Aug	77.3	76.9	76.6	76.4	76.3	76.4	77.2	77.9	81.2	82.9	84.6	85.4	86.1
Sept	74.2	73.8	73.2	72.9	72.6	72.3	72.1	73.2	76.8	78.9	80.7	81.8	81.9
Oct	67.1	66.4	65.6	64.9	64.3	63.8	63.4	64.0	66.6	69.7	72.2	74.3	75.3
Nov	56.0	55.2	54.5	53.7	53.3	52.7	52.5	52.5	54.6	57.6	61.2	63.2	64.2
Dec	49.2	48.9	48.7	48.3	47.9	47.5	47.1	47.4	47.7	49.1	51.4	53.7	55.3
Year	64.2	63.6	63.1	62.7	62.3	62.2	62.3	62.9	65.5	67.8	69.9	71.5	72.7

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KEY WEST, FLA.

[$h_t = 43$ ft.; local time. 27m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
70.3	69.8	69.3	68.5	67.7	67.5	67.5	67.5	67.5	67.3	67.1	67.8	71.8	64.4	Jan.
69.4	69.2	69.1	68.6	67.7	66.9	67.0	66.6	66.4	66.3	66.4	66.9	72.1	62.6	Feb.
73.0	73.2	72.9	72.1	71.0	70.0	69.8	68.9	68.9	68.6	68.7	69.8	75.1	65.2	Mar.
73.6	73.8	73.5	72.8	72.1	71.1	70.9	70.9	70.8	70.8	70.5	71.4	75.2	68.5	Apr.
80.0	80.0	79.9	79.0	78.3	77.2	76.9	76.5	76.5	75.7	75.6	77.1	81.6	72.6	May.
82.8	83.6	83.7	83.1	82.1	81.0	80.4	79.5	79.5	79.4	79.4	80.8	85.4	76.3	June.
84.3	83.8	83.6	82.5	82.1	81.0	81.2	80.5	80.4	80.1	80.0	81.5	86.3	76.6	July.
84.2	84.5	84.0	83.6	83.0	81.7	81.3	80.0	80.0	80.1	80.1	81.7	86.1	76.4	Aug.
84.1	83.9	83.3	81.3	80.9	80.6	80.7	80.5	80.3	80.6	80.1	81.5	86.1	76.7	Sept.
81.0	80.6	80.6	80.0	79.4	78.9	79.1	78.6	78.3	77.8	77.6	78.6	81.8	75.8	Oct.
71.9	72.0	71.7	71.1	70.3	70.4	70.6	70.0	69.9	69.8	69.6	70.2	73.7	67.2	Nov.
69.6	69.4	69.0	68.1	67.4	67.1	67.2	66.7	66.6	66.5	66.4	67.3	71.8	63.4	Dec.
77.0	77.0	76.7	75.9	75.2	74.4	74.4	73.8	73.7	73.6	73.5	74.6	78.9	70.5	Year.

MARQUETTE, MICH.

[$h_t = 79$ ft.; local time, 50m slow.]

20.6	21.0	20.8	20.3	19.9	19.2	19.1	19.0	19.0	18.7	18.5	18.5	24.4	13.1	Jan.
16.5	17.1	17.5	17.5	16.9	16.0	15.2	14.7	14.3	13.9	13.5	13.7	18.5	8.1	Feb.
24.6	24.7	24.9	25.0	25.2	25.0	24.7	24.3	24.0	23.9	23.6	23.6	28.6	18.7	Mar.
45.0	45.3	44.3	44.1	43.8	43.1	42.6	41.5	40.9	40.6	40.6	41.5	49.3	35.0	Apr.
50.1	50.0	51.2	51.0	51.1	51.4	50.1	49.1	48.5	49.0	48.2	48.6	55.6	42.8	May.
61.6	60.4	61.1	62.0	62.4	61.8	60.9	59.5	59.3	59.1	58.8	59.6	67.9	53.0	June.
70.8	71.4	71.4	70.3	69.7	67.6	67.0	65.7	65.4	65.0	64.8	66.8	76.0	59.9	July.
68.1	68.5	69.1	69.3	68.6	68.1	66.9	65.7	65.2	64.6	63.7	65.6	71.6	59.8	Aug.
61.0	60.8	60.8	61.1	60.4	59.3	57.9	57.2	56.8	56.2	55.7	57.4	64.0	51.0	Sept.
51.5	52.0	51.9	51.3	50.3	49.2	48.4	47.6	47.6	47.4	47.3	48.1	56.0	41.5	Oct.
32.6	32.8	32.8	32.7	32.2	31.9	31.9	31.5	31.3	31.4	31.3	31.5	36.5	27.3	Nov.
23.3	23.4	23.3	23.0	22.6	22.1	21.7	21.5	21.2	20.7	20.3	21.1	25.8	16.1	Dec.
43.8	44.0	44.1	44.0	43.6	42.9	42.2	41.4	41.1	40.9	40.5	41.3	47.8	35.5	Year.

MEMPHIS, TENN.

[$h_t = 140$ ft.; local time, 1h slow.]

48.9	50.3	51.5	51.6	51.4	50.0	49.1	48.2	47.5	46.5	45.7	45.8	53.8	39.0	Jan.
44.6	45.8	46.8	47.1	47.0	46.0	44.9	43.8	42.9	42.3	41.4	41.1	48.8	34.3	Feb.
55.5	57.0	58.0	58.3	57.9	56.8	55.5	54.4	52.3	51.5	50.1	51.4	60.3	43.1	Mar.
63.9	65.2	65.9	65.6	64.9	63.6	62.5	60.8	59.7	58.6	57.4	58.5	67.7	50.4	Apr.
73.7	74.4	74.9	75.3	74.5	73.6	72.4	70.9	69.5	68.3	66.9	68.6	77.2	60.2	May.
86.5	87.4	88.2	87.4	86.7	85.9	84.7	82.0	80.3	79.3	77.7	80.1	89.7	70.9	June.
90.6	92.3	91.9	91.9	91.1	89.3	88.1	85.9	83.9	82.5	81.0	83.6	94.1	74.3	July.
84.5	84.9	84.9	85.4	84.5	83.7	82.0	80.5	78.9	77.4	76.3	78.7	87.5	71.0	Aug.
78.4	79.3	79.6	79.7	79.1	77.7	75.6	74.2	72.7	71.8	70.4	72.4	80.4	64.3	Sept.
72.0	72.8	73.2	72.9	71.7	69.5	68.0	66.1	64.7	63.5	61.9	64.5	74.2	55.4	Oct.
55.9	57.3	58.1	57.8	56.8	55.4	54.2	52.9	51.9	50.7	49.5	50.6	59.6	41.8	Nov.
40.7	41.5	42.4	42.6	42.2	40.4	40.1	39.5	38.5	38.1	37.4	37.7	45.7	30.0	Dec.
66.3	67.4	68.0	68.0	67.3	66.0	64.8	63.3	61.9	60.9	59.6	61.1	69.9	52.9	Year.

NEW ORLEANS, LA.

[$h_t = 88$ ft.; local time, 1h slow.]

61.5	62.1	62.3	61.0	59.3	58.1	57.3	55.2	54.4	53.5	52.7	55.4	63.8	47.4	Jan.
57.5	58.6	58.7	58.4	57.5	56.4	55.3	54.0	53.2	52.8	52.0	53.5	60.5	46.3	Feb.
67.4	68.5	68.6	67.8	66.5	64.8	63.5	61.5	60.6	59.9	59.0	61.1	69.7	52.9	Mar.
71.7	72.5	73.1	72.9	72.0	70.3	68.4	65.9	64.8	63.4	62.4	65.4	74.7	57.5	Apr.
82.0	82.7	82.6	82.2	80.9	79.3	77.4	73.8	72.3	71.1	70.1	74.4	84.4	65.9	May.
87.1	87.5	86.9	85.7	84.6	83.5	82.3	79.7	78.4	77.7	77.0	80.8	90.1	73.6	June.
86.1	86.4	86.0	85.2	84.0	82.9	82.1	80.6	79.9	79.0	78.2	81.5	90.1	75.0	July.
86.2	85.9	86.7	86.0	84.5	81.8	81.0	79.8	78.9	78.5	77.8	80.9	89.4	74.9	Aug.
82.3	82.7	82.7	82.4	81.2	79.0	77.9	76.6	75.8	75.1	74.6	77.3	85.1	71.2	Sept.
76.2	76.3	76.4	76.0	74.7	72.4	71.1	69.7	68.8	68.2	67.5	69.8	77.4	62.7	Oct.
65.2	65.7	65.8	64.7	63.0	60.6	59.7	58.2	57.5	56.8	56.3	58.5	67.4	51.5	Nov.
56.3	57.2	57.0	56.5	55.5	53.7	52.3	51.7	50.8	50.3	49.6	51.4	60.6	43.5	Dec.
73.3	73.8	73.9	73.2	72.0	70.2	69.0	67.2	66.3	65.5	64.8	67.5	76.1	60.2	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

NEW YORK, N. Y.

[λ = 40° 43′ N.; φ = 74° W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	30.6	30.5	30.1	29.6	29.3	29.1	29.2	29.4	29.8	30.4	31.5	32.4	33.1
Feb	24.2	23.7	23.3	22.7	22.4	22.0	21.9	22.0	22.9	24.1	25.6	26.9	28.0
Mar	36.3	35.8	35.4	35.0	35.0	35.2	35.3	36.0	37.0	38.2	39.2	40.9	41.6
Apr	45.3	44.9	44.8	44.5	44.5	44.4	45.1	46.5	48.0	49.7	51.5	52.5	53.2
May	55.0	54.5	54.0	53.7	53.9	54.1	54.7	55.8	57.6	59.2	60.5	61.6	62.4
June	66.7	65.6	64.9	64.7	64.1	64.2	65.6	67.8	69.3	72.0	74.1	76.0	76.2
July	74.3	73.3	73.1	72.8	72.5	72.6	73.1	74.2	75.5	77.6	79.7	81.3	82.1
Aug	72.2	71.8	71.4	71.0	70.8	70.8	71.4	72.5	74.8	76.3	77.4	78.3	78.9
Sept	65.5	64.8	64.3	64.0	63.4	63.4	64.0	65.5	67.7	69.7	70.9	72.1	72.9
Oct	53.4	52.4	51.8	51.1	50.7	50.5	50.4	52.0	53.4	55.6	57.5	59.6	60.9
Nov	37.9	37.6	37.3	37.0	36.7	36.8	36.6	37.4	38.1	39.2	40.6	41.7	42.2
Dec	32.7	32.5	32.3	31.9	32.0	31.9	31.7	31.6	31.6	32.8	34.4	35.5	36.3
Year	49.5	49.0	48.6	48.2	47.9	47.9	48.2	49.2	50.5	52.1	53.6	54.9	55.6

PHILADELPHIA, PA.

[λ = 39° 57′ N.; φ = 75° 9′ W.]

Jan	31.2	31.0	30.8	30.6	30.2	30.3	30.2	30.7	31.5	32.5	33.7	35.3	36.4
Feb	24.6	23.9	23.6	23.0	22.8	22.5	22.4	23.5	25.0	26.6	28.5	29.8	31.1
Mar	38.1	37.5	37.2	37.0	36.9	36.6	36.9	37.7	39.1	40.9	42.7	44.5	45.7
Apr	44.8	44.4	44.0	43.6	43.6	44.1	45.6	47.2	48.8	50.7	52.8	54.4	55.5
May	56.2	55.5	55.0	54.7	54.4	54.4	55.8	57.3	58.7	60.1	61.8	63.1	64.7
June	66.6	65.8	65.1	64.5	64.0	65.1	67.1	68.9	71.7	74.6	76.2	78.2	79.2
July	74.5	73.8	73.3	72.8	72.8	73.3	74.6	76.6	78.6	81.0	82.6	84.1	84.9
Aug	72.6	72.0	71.7	70.9	70.3	70.2	71.4	73.3	74.9	76.0	78.3	80.0	81.4
Sept	65.6	65.0	64.3	63.8	63.3	62.7	63.7	65.5	67.9	70.2	72.3	74.6	75.5
Oct	52.5	51.7	51.4	50.7	50.3	49.9	50.5	52.1	54.2	56.5	59.3	61.6	63.3
Nov	38.8	38.2	37.9	37.6	37.3	37.2	37.5	38.5	39.8	41.3	43.0	44.4	45.7
Dec	33.5	33.4	33.0	32.7	32.5	32.5	32.3	32.4	33.2	34.6	36.2	37.7	38.7
Year	49.9	49.4	48.9	48.5	48.2	48.2	49.0	50.3	52.0	53.8	55.6	57.3	58.5

PITTSBURG, PA.

[λ = 40° 32′ N.; φ = 80° 2′ W.]

Jan	31.6	31.4	31.1	30.8	30.2	29.8	29.2	29.8	29.5	30.1	31.4	32.3	33.7
Feb	23.2	23.0	22.7	22.2	21.9	21.6	21.0	21.4	21.4	22.5	24.2	25.4	26.8
Mar	38.8	38.1	37.7	37.1	36.5	36.5	36.5	37.0	37.9	39.4	41.8	43.5	45.0
Apr	45.0	44.2	43.5	43.0	42.3	42.1	42.1	43.5	45.3	48.1	50.0	52.1	53.9
May	57.7	56.7	55.8	55.0	54.5	54.2	54.4	56.5	58.7	61.5	64.2	66.0	67.6
June	65.9	65.4	64.5	63.9	63.4	62.9	63.7	66.4	68.8	71.8	74.7	76.7	78.4
July	74.4	73.2	72.5	71.8	71.5	71.0	71.3	73.2	75.9	78.0	80.6	82.7	84.3
Aug	70.4	69.6	68.9	68.4	67.6	67.2	67.6	69.5	72.0	74.5	77.1	78.9	80.7
Sept	62.4	61.8	61.1	60.4	59.8	59.3	59.1	60.6	62.7	65.5	68.4	70.4	72.1
Oct	52.0	51.4	50.5	49.6	48.6	48.2	47.9	48.7	50.5	54.5	58.9	61.5	63.5
Nov	37.8	37.6	37.5	36.8	36.5	36.1	36.2	36.4	36.8	38.1	39.6	40.8	42.0
Dec	31.4	31.0	30.8	30.6	30.7	30.5	30.3	30.0	29.7	30.5	32.1	33.6	34.8
Year	49.2	48.6	48.0	47.5	47.0	46.6	46.6	47.8	49.1	51.2	53.6	55.3	56.9

PORTLAND, OREG.

[λ = 45° 32′ N.; φ = 122° 43′ W.]

Jan	38.8	38.3	38.2	37.8	37.6	37.0	36.9	37.2	36.7	36.5	36.5	37.1	37.7
Feb	42.1	42.1	41.8	41.1	40.7	40.4	40.0	39.9	39.4	39.1	38.8	39.4	41.3
Mar	45.9	45.2	44.2	43.8	43.2	42.6	42.3	41.9	40.7	40.3	40.5	42.0	44.3
Apr	47.9	46.7	45.7	44.8	43.4	42.6	42.3	41.9	41.4	41.7	43.8	45.5	48.1
May	55.5	54.5	53.1	52.2	51.0	50.4	49.8	49.4	48.9	49.7	51.3	53.0	54.9
June	56.6	55.7	54.8	53.6	52.9	52.4	51.6	51.2	51.1	52.1	53.3	54.7	56.3
July	62.1	60.5	59.3	58.2	57.1	55.8	54.8	53.7	53.3	54.9	56.5	58.2	60.3
Aug	68.8	67.2	65.4	63.5	61.8	60.8	59.4	58.5	57.1	57.7	59.5	61.6	64.0
Sept	57.3	56.0	55.3	54.2	53.2	52.7	52.3	51.7	51.0	50.8	51.6	53.6	56.1
Oct	58.6	57.4	56.5	55.4	54.8	54.0	53.3	52.7	52.4	51.9	52.4	53.9	56.3
Nov	47.9	47.3	47.2	47.1	46.8	46.7	46.7	45.9	45.7	45.0	45.1	45.7	47.0
Dec	41.0	40.9	40.5	40.3	40.4	40.4	40.4	39.9	39.2	38.9	38.8	39.2	39.8
Year	51.9	51.0	50.2	49.3	48.6	48.0	47.5	47.0	46.4	46.6	47.3	48.7	50.5

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

NEW YORK, N. Y.

[h_t=108 ft.; local time, 4m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
34.1	34.6	34.5	34.2	33.3	32.7	32.3	31.5	31.1	30.7	30.3	31.4	37.2	25.8	Jan.
29.0	29.6	29.9	29.4	28.2	27.2	26.8	26.1	25.8	25.4	25.0	25.5	30.8	20.4	Feb.
42.4	42.7	42.9	42.5	41.5	40.0	39.4	38.9	38.0	37.7	37.3	38.5	45.1	32.1	Mar.
54.1	54.4	53.8	52.8	51.4	49.5	48.7	48.0	47.7	47.0	46.6	48.7	55.5	43.4	Apr.
63.2	63.5	63.1	62.5	61.4	59.3	58.2	57.2	56.5	55.8	55.2	58.0	65.4	51.8	May.
76.9	77.1	77.5	76.7	75.0	73.3	71.9	70.9	70.0	68.9	68.3	70.7	79.8	62.9	June.
82.7	82.9	82.3	80.6	79.7	78.3	77.6	76.4	75.8	75.3	74.6	77.0	85.2	71.0	July.
79.5	79.7	79.5	78.9	77.7	75.7	75.0	74.2	73.9	73.3	72.8	74.9	81.7	69.5	Aug.
74.0	74.3	73.9	72.9	71.4	70.1	69.2	68.0	67.3	66.5	65.7	68.4	75.3	61.6	Sept.
62.2	62.2	61.8	60.9	59.9	58.6	57.9	56.8	55.9	54.6	53.9	56.0	63.5	48.6	Oct.
42.9	43.2	43.0	42.4	41.5	40.6	40.0	39.2	38.8	38.1	37.7	39.4	44.7	34.7	Nov.
37.0	37.6	37.4	36.8	35.9	35.1	35.1	34.2	33.8	33.5	33.0	34.0	40.6	28.3	Dec.
56.5	56.8	56.6	55.9	54.7	53.4	52.7	51.8	51.2	50.6	50.0	51.9	58.7	45.8	Year.

PHILADELPHIA, PA.

[h_t=168 ft.; local time, 1m slow.]

37.2	37.1	36.9	35.7	34.8	34.0	33.6	32.6	32.0	31.5	31.0	33.0	39.1	27.1	Jan.
32.0	32.5	32.5	31.3	30.1	29.3	28.9	27.7	27.0	26.4	25.7	27.1	33.8	20.5	Feb.
47.0	47.0	46.8	45.9	44.7	43.2	42.7	41.7	40.9	39.8	38.9	41.2	50.2	33.4	Mar.
56.0	56.2	55.8	54.7	53.5	51.4	50.5	48.5	47.7	46.9	46.3	49.5	57.4	42.8	Apr.
65.9	66.7	67.2	66.7	65.5	63.3	61.6	59.7	58.3	57.6	56.7	60.0	68.5	52.5	May.
80.1	80.7	80.8	79.8	78.1	75.8	73.8	71.7	70.5	69.4	68.4	72.3	82.2	63.0	June.
85.5	85.6	85.0	83.8	82.6	80.6	79.1	77.3	76.3	75.5	74.7	78.7	87.4	71.1	July.
82.1	82.4	82.2	81.0	79.6	77.4	76.1	74.7	73.8	73.3	73.1	75.8	84.2	69.6	Aug.
76.6	76.8	76.1	74.4	72.1	70.8	69.6	68.1	67.2	66.7	66.0	69.1	77.7	61.3	Sept.
64.8	65.2	64.5	62.8	60.9	59.2	58.2	56.0	55.1	54.1	53.2	56.6	66.2	48.0	Oct.
46.3	46.1	45.8	44.7	43.4	42.3	41.8	40.6	40.1	39.3	38.7	41.1	47.5	35.0	Nov.
39.6	39.8	39.6	38.5	37.7	36.9	36.5	35.5	35.0	34.5	34.1	35.4	43.0	28.8	Dec.
59.4	59.7	59.4	58.3	56.9	55.4	54.4	52.8	52.0	51.2	50.6	53.3	61.4	46.1	Year.

PITTSBURG, PA.

[h_t=116 ft.; local time, 20m slow.]

34.9	35.8	35.9	35.5	34.6	33.6	33.3	32.8	32.5	32.0	31.4	32.2	39.2	25.8	Jan.
27.6	28.2	28.1	27.7	26.9	26.0	25.1	24.7	24.2	24.0	24.0	24.3	31.5	17.8	Feb.
46.2	47.1	47.1	46.8	45.8	44.7	43.6	41.9	41.1	40.4	39.7	41.3	50.6	32.5	Mar.
55.0	55.8	55.8	55.4	55.0	53.5	52.0	50.2	48.9	47.8	46.8	48.8	57.8	40.4	Apr.
68.5	68.3	68.5	68.3	66.6	65.6	64.4	62.8	61.0	59.6	58.5	61.5	70.9	53.0	May.
79.1	80.0	78.9	78.5	77.2	75.8	73.6	71.3	70.2	69.1	67.7	71.2	82.1	61.4	June.
85.6	86.6	86.5	85.0	84.2	82.7	80.8	79.4	77.8	76.8	75.2	78.4	88.3	69.5	July.
81.3	80.5	80.8	81.1	80.0	77.9	76.6	75.0	73.5	72.4	71.3	74.3	83.6	66.4	Aug.
72.7	73.3	73.3	73.1	72.4	70.2	68.3	65.9	64.6	63.4	62.5	66.0	75.0	58.0	Sept.
64.6	65.5	65.5	65.0	63.5	61.0	59.1	57.5	55.8	54.6	53.4	56.3	67.3	46.1	Oct.
42.9	43.3	43.4	43.3	42.3	40.9	39.9	38.8	38.5	38.0	37.2	39.2	45.4	33.1	Nov.
35.8	35.9	36.2	35.8	35.0	34.0	33.5	33.1	32.5	32.1	31.6	32.6	39.6	26.3	Dec.
57.8	58.4	58.3	58.0	57.0	55.5	54.2	52.8	51.7	50.8	49.9	52.2	60.9	44.2	Year.

PORTLAND, OREG.

[h_t=203 ft.; local time, 3h 11m slow.]

39.0	40.3	41.3	42.6	43.2	43.3	42.5	41.3	40.7	40.1	39.6	39.2	44.7	34.3	Jan.
42.8	44.2	45.2	46.0	46.6	46.7	46.2	45.2	44.4	43.5	43.3	42.5	48.9	37.2	Feb.
46.7	48.5	49.9	50.5	51.2	51.3	50.9	50.3	48.9	47.5	46.5	45.8	53.7	39.4	Mar.
49.9	52.0	53.1	54.1	55.1	55.4	54.9	54.3	53.3	51.5	50.0	48.3	57.3	40.3	Apr.
56.3	58.7	60.2	61.7	62.3	62.9	62.8	62.6	61.1	59.0	57.5	55.8	65.0	48.4	May.
57.7	59.8	60.8	62.2	63.1	63.3	62.7	62.2	61.3	59.8	58.1	57.0	65.4	50.7	June.
62.3	64.5	66.5	68.5	70.2	71.1	71.3	71.3	69.5	67.2	64.6	62.1	72.8	52.9	July.
66.5	69.7	72.6	75.6	77.7	79.2	78.9	78.0	75.9	73.5	71.0	67.7	80.2	56.7	Aug.
58.6	61.2	63.2	64.5	65.5	65.7	65.1	63.6	61.7	59.8	58.3	57.6	67.0	49.6	Sept.
58.3	61.1	63.4	64.9	66.1	66.0	64.8	63.5	61.9	60.6	59.5	58.3	67.1	51.1	Oct.
48.2	49.7	50.5	51.7	52.0	51.9	51.0	49.9	49.5	48.8	48.2	46.8	53.8	43.0	Nov.
40.3	41.3	41.8	42.6	43.2	43.1	42.5	42.1	41.7	41.2	40.9	40.9	45.3	36.9	Dec.
52.2	54.2	55.7	57.1	58.0	58.3	57.8	57.0	55.8	54.4	53.1	51.8	60.1	45.0	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

ST. LOUIS, MO.

[λ=38° 38′ N.; φ=90° 12′ W.]

1901	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	34.4	34.1	33.5	33.1	32.8	32.5	32.4	32.3	32.4	33.1	35.1	36.6	38.7
Feb	29.1	28.4	27.9	27.5	26.8	26.4	26.1	25.8	26.1	27.2	28.7	30.6	32.9
Mar	42.1	41.6	41.2	41.1	40.9	40.8	40.7	41.2	42.0	43.1	44.5	46.0	47.0
Apr	51.8	51.0	50.2	49.5	48.5	47.8	47.8	48.7	50.6	52.9	55.0	56.8	58.2
May	63.4	62.2	61.0	60.1	58.9	58.2	58.5	60.0	62.7	65.0	67.8	69.7	71.3
June	75.0	74.2	73.4	72.8	72.0	71.6	72.5	74.0	76.4	79.0	82.3	84.4	86.5
July	82.8	81.5	80.5	79.5	78.3	77.4	78.3	80.0	83.3	86.0	89.3	91.8	93.9
Aug	75.9	75.0	73.8	72.6	71.5	70.6	70.8	72.1	75.1	78.5	81.9	83.5	86.1
Sept	67.6	66.5	65.5	64.5	63.6	62.7	62.4	63.3	66.6	70.7	73.9	76.4	78.7
Oct	58.5	57.4	56.1	55.4	54.3	53.5	52.9	53.1	55.7	59.3	63.2	65.9	68.5
Nov	42.4	41.7	40.9	40.5	39.7	38.9	38.1	37.5	37.7	39.7	42.1	45.4	47.7
Dec	29.3	28.9	28.4	28.2	27.8	27.5	27.2	27.5	27.3	27.9	29.1	30.2	31.0
Year	54.4	53.5	52.7	52.1	51.3	50.7	50.6	51.3	53.0	55.2	57.7	59.8	61.7

ST. PAUL, MINN.

[λ=44° 58′ N.; φ=93° 3′ W.]

Jan	15.6	14.9	14.3	13.7	13.2	13.0	13.0	12.5	11.8	11.4	12.1	13.9	15.7
Feb	12.1	11.4	10.5	9.9	9.0	8.2	7.5	7.0	6.1	6.4	8.5	10.8	13.4
Mar	28.3	28.0	27.8	27.3	26.6	26.0	25.5	25.3	25.0	26.1	27.8	29.3	31.0
Apr	47.3	46.1	44.8	44.1	43.1	42.3	41.5	41.6	43.1	46.0	49.1	51.5	53.8
May	56.7	55.6	54.5	53.7	52.8	51.8	51.5	52.6	54.9	57.3	60.4	62.2	64.2
June	65.6	65.0	63.9	63.2	62.6	62.0	61.9	62.8	65.2	67.6	70.0	71.9	73.6
July	73.9	73.1	72.0	71.0	70.5	69.6	69.4	70.5	72.7	75.0	77.3	79.5	81.8
Aug	68.8	67.5	66.0	65.2	64.4	63.6	62.9	63.2	65.3	69.1	72.1	74.5	77.0
Sept	56.7	55.7	54.8	54.1	53.4	52.8	52.2	52.1	53.3	55.8	58.4	60.6	63.1
Oct	50.1	49.6	48.8	47.9	47.1	46.3	45.4	44.6	44.7	46.7	49.5	52.3	54.9
Nov	29.5	29.0	28.5	28.3	27.9	27.4	27.1	26.7	26.3	27.0	28.9	30.9	32.6
Dec	15.7	15.1	14.4	14.1	14.0	13.3	12.9	12.9	12.3	12.3	13.6	15.1	17.1
Year	43.4	42.6	41.7	41.0	40.4	39.7	39.2	39.3	40.1	41.7	44.0	46.0	48.2

SALT LAKE CITY, UTAH.

[λ=40° 46′ N.; φ=111° 54′ W.]

Jan	30.5	31.1	30.5	29.6	29.7	29.2	28.8	29.5	28.8	28.9	30.6	32.2	34.4
Feb	33.1	32.5	32.1	32.1	31.9	31.8	30.9	31.4	30.7	31.0	31.9	34.0	36.7
Mar	37.3	37.0	36.3	35.7	35.3	34.7	34.1	34.9	34.4	35.0	37.8	40.3	42.3
Apr.[a]								42.3					
May[a]								55.3					
June[b]	63.3	62.4	60.8	59.8	58.0	58.0	56.9	57.8	60.2	63.4	67.0	69.3	72.6
July	77.4	75.7	73.7	73.1	72.4	70.9	69.4	69.2	70.9	73.5	77.7	81.1	85.3
Aug	73.0	71.1	69.9	69.5	69.0	68.4	68.3	67.9	68.2	70.3	73.5	76.6	79.1
Sept	60.0	58.1	56.6	56.3	55.6	55.1	53.6	54.2	53.2	55.6	60.6	64.5	68.1
Oct	52.6	51.7	51.0	50.1	50.0	49.0	48.9	49.3	48.3	49.3	52.6	56.5	60.0
Nov	42.6	42.2	41.6	41.3	40.6	41.0	40.3	40.3	40.0	39.6	41.4	44.3	47.6
Dec	31.2	30.2	30.3	29.8	29.4	29.3	29.4	29.0	29.2	28.8	29.1	30.8	33.3
Year													

[a] No record. [b] For 20 days.

SAN DIEGO, CAL.

[λ=32° 43′ N.; φ=117° 10′ W.]

Jan	53.9	53.5	53.1	52.8	52.5	52.1	51.8	51.7	51.3	51.0	51.7	54.4	58.1
Feb	54.9	54.8	54.3	53.8	53.4	53.3	53.0	52.5	52.6	52.0	53.9	56.4	59.3
Mar	57.5	56.9	56.0	55.4	55.2	54.8	54.8	54.0	54.2	54.6	57.6	60.9	63.3
Apr	56.1	55.3	54.8	54.3	54.1	54.0	54.0	53.7	53.6	54.4	56.2	57.7	59.4
May	58.8	58.5	58.4	58.3	58.1	57.8	57.6	57.3	57.1	58.2	58.9	59.9	61.0
June	60.8	60.5	60.3	60.1	59.9	59.8	59.7	59.6	59.6	60.1	61.0	62.0	63.3
July	63.9	63.7	63.5	63.3	63.2	63.0	62.9	62.6	62.5	62.8	63.6	64.8	66.3
Aug	66.6	66.3	65.7	65.4	65.3	65.1	64.9	64.6	64.5	64.9	65.9	67.7	69.5
Sept	63.4	63.1	62.7	62.5	62.2	62.2	62.2	61.6	61.6	61.7	62.8	63.8	65.4
Oct	61.1	60.6	59.9	59.7	59.6	59.0	58.9	58.7	58.5	58.8	60.3	61.5	64.1
Nov	57.6	57.2	57.1	57.0	56.6	56.6	56.3	55.7	55.3	55.7	57.5	59.7	62.9
Dec	54.1	53.6	52.9	52.4	52.0	51.2	51.2	51.5	50.9	51.1	52.8	56.3	61.6
Year	59.1	58.7	58.2	57.9	57.7	57.4	57.3	57.0	56.8	57.1	58.5	60.4	62.8

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

ST. LOUIS, MO.

[h_t=111 ft.; local time, 1h 1m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Midn.	Mean.	Mean max.	Mean min.	1901
40.0	41.3	41.9	41.8	41.1	40.2	39.2	37.9	37.2	36.4	35.9	36.4	44.8	29.7	Jan.
34.1	35.0	35.6	35.6	35.0	33.9	32.9	32.2	31.5	30.6	30.2	30.4	37.5	24.4	Feb.
47.8	48.4	48.5	48.0	47.6	46.7	46.1	45.4	44.7	43.7	43.2	44.3	52.3	37.2	Mar.
59.3	60.9	61.3	61.3	60.7	59.6	58.6	57.4	56.5	55.2	54.2	54.7	62.9	45.9	Apr.
72.5	73.8	74.4	73.9	72.8	71.4	70.0	68.3	66.7	65.5	64.3	66.4	75.2	57.3	May.
87.9	88.6	88.8	89.3	88.1	85.7	84.1	81.7	80.2	78.7	77.1	80.2	90.3	70.8	June.
94.8	96.0	96.0	95.0	93.6	92.0	90.6	88.5	87.0	84.9	83.7	86.9	97.8	76.9	July.
87.3	88.5	88.8	88.7	88.1	86.5	85.0	81.7	80.1	78.3	76.9	79.9	90.0	70.0	Aug.
80.1	80.7	81.1	80.2	78.5	76.9	75.3	73.2	71.8	70.3	68.9	71.6	82.0	61.5	Sept.
69.4	70.0	70.1	68.8	67.3	65.8	64.6	62.8	61.4	60.1	59.1	61.4	71.7	51.9	Oct.
49.4	50.8	51.5	50.6	49.5	48.4	47.6	46.5	45.2	44.1	43.3	44.1	52.6	35.4	Nov.
32.0	33.0	33.6	33.5	32.7	31.9	31.4	30.8	30.1	29.6	29.2	29.9	36.7	23.7	Dec.
62.9	63.9	64.3	63.9	62.9	61.6	60.4	58.9	57.7	56.4	55.5	57.2	66.2	48.7	Year.

ST. PAUL, MINN.

[h_t=114 ft.; local time, 1h 12m slow.]

17.0	18.5	19.8	20.6	20.8	20.0	19.4	18.8	17.7	17.2	16.5	15.9	24.4	8.1	Jan.
15.0	16.6	17.9	18.6	18.6	18.2	17.0	15.9	15.4	14.5	13.7	12.6	20.0	5.1	Feb.
32.3	33.2	33.7	34.1	33.8	33.1	32.5	31.6	30.8	29.9	29.1	29.5	36.3	23.3	Mar.
55.2	56.6	57.2	57.9	57.7	57.4	56.3	54.1	52.4	50.9	49.6	50.0	59.7	40.4	Apr.
65.7	67.1	67.9	68.3	68.5	67.9	66.7	64.6	62.2	59.8	58.3	60.2	70.2	50.1	May.
74.8	75.4	75.9	76.1	75.3	75.0	74.4	73.1	70.6	68.8	67.4	69.3	78.7	60.4	June.
83.7	84.9	85.1	85.4	84.4	83.8	83.2	81.1	78.5	76.6	75.0	77.4	87.7	68.2	July.
78.5	80.0	80.8	80.7	80.7	80.1	78.6	75.8	73.3	71.4	69.8	72.1	82.2	62.1	Aug.
64.8	66.2	66.8	66.9	66.7	66.0	64.2	62.2	61.1	59.4	58.0	59.4	68.3	51.1	Sept.
56.5	58.1	59.1	59.5	58.9	57.3	55.4	53.5	52.4	51.5	50.5	51.7	60.6	42.7	Oct.
34.1	35.6	36.2	36.6	36.1	34.6	33.5	32.0	31.3	30.6	29.8	30.9	38.9	23.2	Nov.
18.0	18.9	19.5	19.8	19.5	18.9	18.4	17.5	17.0	16.2	15.6	15.9	23.0	8.5	Dec.
49.6	50.9	51.7	52.0	51.8	51.0	50.0	48.4	46.9	45.6	44.4	45.4	54.2	36.9	Year.

SALT LAKE CITY, UTAH.

[h_t=105 ft.; local time, 2h 28m slow.]

35.9	37.2	38.0	38.4	38.0	37.0	35.3	33.9	33.5	32.8	32.6	32.8	41.4	25.6	Jan.
37.6	38.6	39.2	38.8	38.4	38.2	37.2	36.0	35.2	34.9	34.4	34.5	41.4	28.8	Feb.
43.4	44.5	44.6	44.9	45.2	45.3	44.2	41.5	39.5	38.4	38.0	39.4	48.8	31.3	Mar.
.....	.....	.....	.....	.....	.....	55.9	.....	.....	.....	.....	.....	59.7	39.4	Apr.
.....	.....	.....	.....	.....	.....	70.0	.....	.....	.....	.....	.....	73.6	52.3	May.
73.6	75.2	75.4	76.3	76.4	76.4	76.2	75.4	71.7	67.8	65.4	67.5	76.3	53.7	June.
87.5	89.8	90.6	90.6	91.0	90.5	90.0	88.3	84.6	80.7	79.6	80.6	93.5	66.8	July.
81.3	82.8	84.6	84.8	85.1	84.6	83.2	81.1	77.6	74.9	73.8	75.8	87.6	64.5	Aug.
70.0	71.9	73.0	73.9	74.1	73.3	72.2	69.2	65.6	63.1	61.1	63.3	75.2	50.7	Sept.
62.0	63.3	63.7	63.5	63.3	62.3	60.5	57.2	56.0	54.7	53.3	55.4	65.5	45.7	Oct.
50.0	51.9	52.7	53.0	52.6	49.7	48.0	46.1	45.2	44.1	43.1	45.0	55.0	36.8	Nov.
35.2	36.5	36.9	37.3	37.0	35.9	34.3	33.3	32.8	31.8	31.3	32.2	39.3	26.2	Dec.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63.1	43.5	Year.

SAN DIEGO, CAL.

[h_t=94 ft.; local time, 2h 49m slow.]

60.3	61.1	61.2	61.2	60.6	59.6	58.8	57.5	56.3	55.3	54.7	55.6	62.7	49.7	Jan.
60.6	61.8	62.4	62.0	62.2	61.8	60.6	59.0	57.8	56.7	56.2	56.9	63.9	51.1	Feb.
64.5	65.1	64.7	64.8	64.9	64.1	63.3	61.8	60.5	59.3	58.1	59.4	67.1	53.0	Mar.
59.9	60.7	61.0	61.5	61.3	60.8	60.0	59.1	58.1	57.5	56.9	57.3	62.1	52.8	Apr.
61.3	62.4	62.4	62.7	62.4	61.8	61.3	60.8	60.1	59.5	59.3	59.7	63.3	56.8	May.
64.2	64.6	64.8	65.0	65.1	65.0	64.5	63.9	63.0	63.4	61.4	62.2	66.2	58.8	June.
66.7	68.0	68.3	68.4	68.4	68.4	68.2	67.5	66.7	65.5	64.6	65.3	69.5	62.0	July.
70.4	71.0	71.3	71.5	71.0	70.8	70.2	69.6	68.5	67.6	67.0	67.7	72.3	64.2	Aug.
66.2	67.5	67.9	68.3	68.4	68.0	66.9	66.1	65.1	64.4	63.8	64.5	68.7	61.0	Sept.
65.4	66.6	66.8	66.5	65.9	65.9	65.2	63.6	63.1	62.3	61.7	62.2	68.3	57.4	Oct.
64.6	65.4	66.0	65.9	65.4	64.1	62.4	61.3	59.9	58.8	58.2	59.9	67.6	54.1	Nov.
63.9	65.1	65.2	64.6	63.6	62.0	60.2	58.3	56.9	55.8	54.8	56.7	67.2	48.3	Dec.
64.0	64.9	65.2	65.2	64.9	64.4	63.5	62.4	61.3	60.5	59.7	60.6	66.6	55.8	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN FRANCISCO, CAL.

[λ=37° 48′ N.; φ=122° 26′ W.]

1901	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	48.9	48.5	48.2	47.4	46.9	46.7	46.7	47.9	46.9	46.2	46.6	47.1	48.2
Feb	50.6	50.0	49.5	48.9	48.4	48.3	48.1	49.5	48.0	47.5	48.3	49.4	50.9
Mar	54.0	53.3	52.6	52.0	51.0	50.5	50.0	51.7	49.8	50.2	52.3	54.2	56.4
Apr	49.3	48.8	48.1	47.4	46.6	46.4	46.3	47.6	46.1	47.4	49.7	52.1	54.4
May	51.3	50.5	50.2	49.7	49.5	49.3	49.4	50.1	48.7	50.1	51.6	53.5	55.1
June	51.9	51.4	51.1	50.9	50.4	50.1	50.0	50.9	50.3	53.1	56.0	58.2	61.0
July	52.4	51.8	51.5	50.9	50.3	50.2	50.0	51.2	50.1	51.9	53.9	56.1	57.7
Aug	53.7	53.2	53.3	53.2	53.0	53.0	53.0	53.7	52.4	53.2	54.6	55.7	57.3
Sept	55.2	54.7	54.5	54.2	53.7	53.8	53.6	54.8	53.6	54.0	56.0	57.7	59.5
Oct	58.9	58.1	57.5	56.8	56.6	56.3	55.9	56.8	55.8	55.9	57.3	59.1	62.1
Nov	55.5	55.0	54.5	54.2	53.8	53.8	53.4	54.2	53.4	53.1	53.6	54.5	55.7
Dec	51.3	50.3	49.6	49.1	48.7	48.5	48.1	48.9	48.1	47.9	48.5	49.7	51.4
Year	52.8	52.1	51.7	51.2	50.7	50.6	50.4	51.4	50.3	50.9	52.4	53.9	55.8

SANTA FE, N. MEX.

[λ=35° 41′ N.; φ=105° 57′ W.]

Jan	27.5	26.8	26.4	26.1	25.8	25.2	24.3	24.7	23.8	25.1	29.5	32.0	35.0
Feb	31.1	30.8	30.5	30.1	29.5	29.0	27.9	27.9	26.9	29.5	32.6	34.6	36.7
Mar	35.4	34.3	33.4	32.8	31.4	30.3	29.1	28.6	30.0	34.7	37.1	38.6	40.8
Apr	42.8	42.1	41.0	40.4	39.4	38.3	36.6	37.2	41.2	44.3	46.9	49.2	51.0
May	51.7	50.5	49.8	49.1	47.9	46.9	46.1	49.0	51.7	53.8	56.2	58.4	60.6
June	61.5	60.4	58.8	57.6	56.4	55.8	55.2	57.8	63.1	65.3	67.5	69.6	71.5
July	65.4	64.7	63.7	62.9	61.5	61.0	59.5	61.8	65.9	68.5	70.6	72.8	74.5
Aug	64.4	63.9	62.7	61.4	60.7	60.1	59.0	59.5	63.6	66.8	69.6	71.7	73.8
Sept	57.7	57.1	56.3	55.2	64.0	53.4	52.2	51.8	54.9	58.7	61.1	63.2	65.4
Oct	48.8	47.8	46.6	46.0	44.7	44.3	43.6	43.2	45.1	49.7	52.6	54.6	56.5
Nov	38.8	38.2	38.0	57.1	36.4	35.8	35.4	34.9	34.7	35.0	42.2	44.9	46.6
Dec	30.0	29.7	29.5	28.3	27.2	26.9	26.4	26.0	25.0	27.5	31.2	33.7	36.5
Year	46.3	45.5	44.7	43.9	42.9	42.2	41.3	41.9	43.8	46.6	49.8	51.9	54.1

SAVANNAH, GA.

[λ=32° 5′ N.; φ=81° 5′ W.]

Jan	48.4	47.7	47.0	46.3	45.8	45.5	45.4	45.2	46.5	49.4	52.4	54.8	56.6
Feb	45.8	45.5	44.8	44.5	43.8	43.5	43.0	43.2	44.8	47.0	49.9	52.3	54.1
Mar	53.8	53.4	52.8	52.3	51.6	51.2	50.8	52.0	55.1	58.5	60.9	62.8	63.9
Apr	56.8	56.3	55.6	54.8	54.2	53.4	53.9	56.1	59.3	61.7	63.6	65.3	66.7
May	68.7	67.9	67.5	66.8	66.3	65.8	66.7	69.5	73.3	76.3	78.7	80.1	81.1
June	73.7	73.2	72.7	72.6	72.2	72.0	73.4	75.6	78.4	80.3	82.2	83.6	84.9
July	76.7	76.3	76.0	75.5	75.4	75.1	76.2	78.4	80.5	82.8	84.5	85.6	86.4
Aug	75.7	75.2	75.2	74.8	74.2	74.3	75.2	77.5	80.0	81.9	82.7	83.5	84.8
Sept	72.9	72.4	72.0	71.4	71.0	70.6	70.8	72.6	75.8	78.1	80.1	81.5	82.5
Oct	62.5	61.7	60.9	60.2	59.7	59.1	58.9	59.8	64.3	68.0	70.7	72.3	73.4
Nov	50.2	49.1	48.4	48.0	47.4	46.9	46.6	47.2	50.3	53.9	57.0	59.0	60.8
Dec	47.1	46.3	45.5	44.4	43.7	43.4	43.2	43.3	44.8	47.8	50.7	52.8	54.5
Year	61.0	60.4	59.9	59.3	58.8	58.4	58.7	60.0	62.8	65.5	67.8	69.5	70.8

WASHINGTON, D. C.

[λ=38° 54′ N.; φ=77° 3′ W.]

Jan	33.0	32.2	31.9	31.7	31.0	31.0	30.7	30.9	32.1	33.9	35.7	37.3	38.3
Feb	26.9	26.0	25.1	24.8	24.5	24.0	23.9	24.9	26.6	28.8	31.6	33.4	34.6
Mar	41.5	40.5	39.3	38.7	38.1	38.1	37.7	39.6	41.8	44.3	46.5	48.7	49.9
Apr	46.2	45.5	44.6	44.1	43.4	43.4	45.1	47.8	49.1	50.7	52.7	54.4	55.5
May	57.3	56.5	55.7	55.2	54.6	55.0	56.7	59.0	60.9	62.8	64.9	66.9	67.9
June	65.6	65.1	64.4	64.0	63.3	64.1	66.5	69.9	72.5	74.6	77.0	78.1	79.5
July	73.6	73.2	72.7	72.2	72.0	72.3	74.2	77.2	80.1	82.5	84.2	85.4	86.7
Aug	71.6	70.9	70.4	69.8	69.1	68.9	70.4	73.1	75.5	77.5	79.4	80.5	81.6
Sept	61.5	61.0	60.6	60.3	59.8	59.2	60.2	64.3	67.7	70.5	72.7	74.5	75.0
Oct	48.8	48.5	47.7	47.3	47.4	47.2	47.3	50.3	53.5	57.1	60.4	62.7	64.3
Nov	37.9	37.6	36.6	36.0	35.5	34.7	34.8	36.6	39.3	42.0	44.1	45.7	47.0
Dec	32.2	31.3	30.9	30.5	29.8	29.4	29.3	29.9	31.4	33.6	36.0	37.6	38.8
Year	49.7	49.0	48.3	47.9	47.4	47.3	48.1	50.3	52.5	54.9	57.1	58.8	59.9

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN FRANCISCO, CAL.

[h_t=161 ft.; local time, 3h 10m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Midn.	Mean.	Mean max.	Mean min.	1901.
49.3	50.6	52.2	53.0	53.5	53.5	52.8	51.8	51.1	50.5	49.8	49.3	54.6	45.0	Jan.
52.4	53.9	55.7	56.7	57.0	56.7	55.9	54.9	53.8	52.9	52.4	51.6	57.9	46.6	Feb.
58.1	59.6	60.7	61.1	60.8	59.5	59.0	57.4	56.0	55.0	54.4	55.0	62.7	48.9	Mar.
55.6	56.2	56.0	55.9	55.5	54.6	53.8	52.5	51.2	50.2	49.8	50.9	58.1	45.6	Apr.
56.7	57.3	57.3	58.3	58.2	57.3	56.7	55.8	54.2	53.0	52.2	53.2	59.6	48.2	May.
62.1	62.1	62.3	61.6	61.3	59.8	58.9	56.9	54.9	53.3	52.4	55.5	64.2	49.2	June.
59.2	59.7	60.4	60.4	60.0	58.9	58.2	56.6	55.0	53.8	53.3	54.7	62.0	49.3	July.
58.5	59.7	60.5	60.0	59.8	58.6	57.8	56.2	55.2	54.4	54.1	55.6	61.1	51.7	Aug.
61.6	62.6	63.1	62.6	61.8	60.4	59.6	58.2	57.3	56.1	55.8	57.3	64.2	52.8	Sept.
64.4	66.4	67.4	66.8	66.1	64.8	63.1	61.9	60.6	60.2	59.5	60.4	69.0	54.8	Oct.
57.5	59.1	60.2	61.1	61.0	59.9	58.8	57.7	57.1	56.8	56.3	56.3	62.2	52.3	Nov.
53.0	54.8	56.4	57.5	57.8	57.0	55.8	54.7	53.9	52.9	52.2	51.9	58.6	47.2	Dec.
57.4	58.5	59.4	59.6	59.4	58.4	57.5	56.2	55.0	54.1	53.5	54.3	61.2	49.3	Year.

SANTA FE, N. MEX.

[h_t=47 ft.; local time, 2h 4m slow.]

36.1	37.5	38.6	38.9	38.1	35.6	32.4	29.9	29.0	28.4	28.1	30.2	40.5	21.5	Jan.
37.7	39.1	40.3	41.2	40.7	39.3	37.4	34.8	33.4	32.3	32.1	33.6	43.4	25.1	Feb.
42.8	44.6	46.1	46.5	46.2	44.8	43.0	39.8	38.3	37.1	36.3	37.6	48.6	27.2	Mar.
52.5	53.6	54.2	55.1	55.3	53.9	53.2	49.5	47.1	45.4	44.9	46.5	57.8	35.4	Apr.
62.0	62.9	62.2	62.1	62.4	61.3	61.1	58.6	55.5	53.7	52.9	55.3	66.8	44.6	May.
72.9	74.0	74.7	75.7	75.4	75.1	73.8	70.9	67.4	65.2	63.9	66.2	77.9	53.5	June.
76.4	76.5	76.4	76.6	75.4	73.6	72.9	71.2	69.0	67.8	66.5	69.0	80.5	59.3	July.
75.8	76.1	76.5	76.8	75.7	74.6	73.5	69.7	67.4	66.2	65.1	68.1	79.5	58.1	Aug.
66.5	67.8	69.2	69.9	70.1	68.1	66.1	61.5	59.7	59.2	58.2	60.7	72.2	50.2	Sept.
58.1	59.6	60.8	60.5	60.0	58.6	55.4	52.5	51.4	50.6	49.6	51.7	62.6	41.9	Oct.
47.6	49.1	50.2	51.1	50.2	47.3	43.1	40.8	40.1	39.2	38.5	41.6	52.8	32.8	Nov.
38.4	39.9	40.7	40.9	40.4	37.1	34.2	32.3	31.2	30.6	30.5	32.3	43.5	22.2	Dec.
55.6	56.7	57.5	57.9	57.5	55.8	53.8	51.0	49.1	48.0	47.2	49.4	60.5	39.3	Year.

SAVANNAH, GA.

[h_t=79 ft.; local time, 24m slow.]

57.4	57.8	57.7	56.9	54.5	53.0	52.0	50.8	50.0	49.2	48.4	50.8	59.9	42.7	Jan.
55.1	55.9	56.1	55.5	53.8	52.0	50.6	49.1	48.2	47.6	46.9	48.9	57.6	40.5	Feb.
64.5	65.0	64.8	63.5	61.5	59.4	58.2	56.9	56.3	55.7	54.9	57.5	66.8	49.1	Mar.
67.5	67.9	67.8	66.8	65.5	62.9	61.5	60.0	59.1	58.2	57.3	60.5	69.3	52.0	Apr.
81.1	81.3	80.8	79.8	77.9	75.4	73.5	71.7	70.8	70.2	69.5	73.4	83.0	65.0	May.
84.6	84.2	83.5	82.0	80.6	78.8	77.5	76.3	75.8	75.2	74.8	77.8	86.4	71.0	June.
86.8	86.4	85.6	84.4	82.4	80.8	79.9	78.6	78.1	77.8	77.2	80.3	88.7	74.0	July.
83.9	82.8	82.2	81.3	80.0	78.6	77.6	76.9	76.6	76.3	75.9	78.6	86.3	73.2	Aug.
82.8	82.7	82.2	81.2	79.2	76.9	76.1	75.2	74.4	73.6	73.2	76.2	84.2	69.5	Sept.
74.1	74.5	74.0	72.6	69.9	68.0	67.1	65.7	64.8	64.0	63.3	66.2	75.3	58.2	Oct.
62.0	62.4	61.6	59.7	57.4	55.8	54.8	53.3	52.2	51.6	50.6	53.6	63.4	45.2	Nov.
55.5	55.6	54.7	53.4	51.4	50.3	49.5	49.0	48.5	48.0	47.4	48.8	57.9	41.0	Dec.
71.3	71.4	70.9	69.8	67.8	66.0	64.9	63.6	62.9	62.3	61.6	64.4	73.2	56.8	Year.

WASHINGTON, D. C.

[h_t=59 ft.; local time, 8m slow.]

39.2	39.8	39.5	38.9	38.1	36.6	35.6	34.4	33.9	32.9	32.4	34.6	41.7	27.1	Jan.
35.6	36.2	36.4	35.2	34.2	32.4	31.6	30.2	29.1	28.6	28.2	29.7	37.9	21.6	Feb.
50.7	51.1	51.7	51.3	50.3	48.3	46.8	45.1	43.8	42.7	42.6	44.6	54.9	35.2	Mar.
56.6	57.3	57.5	56.8	55.9	54.1	52.7	51.1	50.3	49.0	47.9	50.5	58.6	42.5	Apr.
68.9	69.9	70.0	69.9	68.9	67.1	64.6	62.5	61.1	59.3	57.9	62.2	72.1	52.9	May.
79.9	81.0	81.0	80.8	79.5	77.1	74.1	71.8	70.1	68.5	67.4	72.3	82.8	61.9	June.
87.3	87.1	86.3	85.2	83.4	80.9	79.2	77.1	75.7	74.8	74.0	79.1	89.2	70.4	July.
82.6	82.5	82.3	81.3	80.7	78.7	76.6	75.1	74.0	73.0	72.1	75.7	83.9	68.2	Aug.
76.0	76.0	75.9	75.1	72.4	69.3	67.2	65.2	63.7	63.1	62.1	67.2	77.4	57.3	Sept.
65.8	66.5	66.4	65.3	62.7	58.3	55.3	53.5	52.0	50.8	49.7	55.4	67.6	43.6	Oct.
47.4	47.8	47.5	46.3	45.3	43.5	41.9	40.4	39.5	38.7	38.2	41.0	49.5	31.7	Nov.
39.8	40.1	39.8	38.7	37.5	36.3	34.9	34.2	33.5	32.9	32.5	34.2	43.3	26.2	Dec.
60.8	61.3	61.2	60.4	59.1	56.9	55.0	53.4	52.2	51.2	50.4	53.9	63.2	44.9	Year.

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WIND—VELOCITY AND FREQUENCY.

BISMARCK, N. DAK.

[λ=46° 47′ N.; φ=100° 38′ W.] [Seventy-fifth Meridian Time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.....	10.5	9.9	8.6	9.3	9.4	9.2	10.0	9.3	9.0	9.1	9.7	11.2	11.4	12.2	13.1	13.3	12.7
Feb	6.2	6.4	7.1	7.8	7.7	8.1	8.8	8.0	8.4	8.6	10.7	11.5	12.9	13.1	13.2	13.8	14.0
Mar	10.2	9.8	9.3	9.4	8.8	8.9	9.6	9.6	9.0	9.5	9.9	10.7	12.7	13.1	14.1	14.5	14.6
Apr	10.9	11.0	10.4	9.3	8.8	8.9	9.2	8.6	10.0	11.8	13.3	13.9	15.6	15.4	15.8	16.8	16.2
May	8.8	8.9	8.9	8.8	8.3	7.7	7.5	8.4	9.8	11.4	12.6	13.6	15.2	15.2	15.2	15.2	14.4
June ...	7.6	6.4	6.9	7.1	7.0	6.9	8.1	8.9	10.2	11.1	11.4	12.7	12.9	13.7	14.5	14.4	14.2
July	8.1	7.4	7.1	6.5	6.7	6.8	7.7	8.2	8.9	9.6	10.7	10.8	11.7	11.4	11.1	11.5	11.1
Aug	5.5	5.8	6.5	6.0	5.8	6.0	6.7	6.2	6.8	7.4	8.0	9.1	10.1	10.5	10.3	10.2	10.5
Sept....	7.8	7.1	7.9	7.9	8.0	8.4	8.7	8.6	8.9	10.7	12.1	13.0	14.5	15.6	15.7	15.8	15.4
Oct.....	5.9	5.5	6.5	5.9	5.8	5.2	5.3	5.8	5.8	6.6	8.7	10.2	11.8	12.8	13.6	14.4	13.3
Nov	6.4	6.2	6.9	7.2	6.6	7.4	7.4	6.6	6.9	7.4	7.8	8.4	9.6	10.3	10.9	11.4	10.6
Dec	8.2	8.3	7.5	7.2	7.6	7.7	7.9	7.4	7.2	8.0	8.2	9.2	10.5	11.4	12.0	12.1	11.5
Year ...	8.0	7.7	7.8	7.7	7.5	7.6	8.1	8.0	8.4	9.3	10.3	11.2	12.4	12.9	13.3	13.6	13.2

BOSTON, MASS.

[λ=42° 21′ N.; φ=71° 4′ W.]

Jan.....	11.5	11.9	12.2	11.9	12.1	11.6	11.4	12.0	12.2	12.6	12.9	12.5	12.9	13.2	12.8	12.8	12.2
Feb	13.8	13.4	13.5	13.8	13.5	13.8	13.9	14.0	15.6	17.9	18.2	17.9	18.4	18.6	18.1	18.4	17.5
Mar	12.1	12.4	12.5	12.2	12.2	12.2	12.7	13.4	13.6	14.1	14.4	13.8	14.2	14.3	14.5	14.7	13.7
Apr	11.6	12.0	12.0	12.0	11.1	11.7	12.4	12.6	13.0	13.0	13.5	13.0	13.8	14.0	14.2	13.1	12.6
May	10.4	9.8	9.8	9.4	9.5	9.9	10.0	10.6	11.0	11.1	12.0	13.1	13.1	13.3	13.2	13.4	12.6
June ...	8.6	9.2	9.1	8.9	8.3	8.4	8.7	9.4	9.4	10.2	10.6	11.6	11.7	12.1	12.4	12.1	12.1
July	8.0	8.1	7.7	7.5	7.2	7.2	7.8	8.1	8.5	9.3	10.3	10.7	11.1	11.2	11.0	11.2	10.7
Aug	7.0	6.9	6.7	6.5	6.4	6.4	6.6	7.4	8.1	8.5	8.8	9.5	9.8	9.6	10.3	9.4	9.3
Sept....	8.1	8.0	7.8	7.9	7.8	7.4	7.7	8.0	8.7	9.5	9.9	10.6	11.1	11.4	11.1	10.6	9.8
Oct.....	9.4	9.1	9.6	9.7	9.8	9.8	9.4	9.5	11.0	11.0	11.8	11.7	12.5	13.2	12.7	12.3	11.2
Nov	11.9	11.8	11.7	12.2	12.1	11.9	11.7	12.4	13.0	13.0	13.4	14.1	14.6	14.4	14.5	13.6	13.7
Dec	11.1	10.9	11.0	10.8	11.0	11.0	11.5	11.3	11.4	11.7	12.1	12.0	12.4	12.6	13.1	12.8	12.1
Year ...	10.3	10.3	10.3	10.2	10.1	10.1	10.3	10.7	11.3	11.8	12.3	12.5	13.0	13.2	13.2	12.9	12.3

BUFFALO, N. Y.

[λ=42° 53′ N.; φ=78° 53′ W.]

Jan.....	15.5	14.9	16.1	16.9	16.6	16.3	16.5	16.1	16.4	17.4	18.0	18.3	18.6	18.4	18.5	18.0	17.5
Feb	17.5	15.9	16.4	16.6	16.0	15.8	16.2	15.8	15.9	16.8	18.2	18.8	19.4	19.5	19.9	19.0	18.1
Mar	17.6	16.3	16.0	16.5	15.6	16.0	16.5	17.0	18.1	17.9	19.2	19.2	20.0	19.5	20.9	20.6	20.6
Apr	12.3	11.8	12.0	11.8	11.6	11.1	11.2	11.5	12.5	13.2	13.6	14.0	15.2	14.8	15.1	14.9	13.7
May	10.2	11.0	11.1	10.8	10.5	10.6	11.0	11.2	11.5	12.2	13.4	13.5	14.2	14.0	13.9	14.8	14.2
June ...	10.6	10.7	11.1	11.2	11.3	11.3	11.5	11.4	11.9	12.7	13.5	14.0	14.2	15.3	15.7	14.5	13.3
July	10.5	11.0	10.6	10.5	10.5	10.3	10.0	10.4	11.1	12.4	12.9	13.9	15.0	15.1	16.0	15 7	14.7
Aug	9.0	8.3	7.9	7.9	8.6	7.8	8.0	8.5	8.8	9.3	10.0	10.3	11.0	11.4	11.2	11.9	12.3
Sept....	12.9	11.8	11.2	11.7	11.0	11.7	11.1	11.4	12.2	12.9	13.3	13.2	14.1	14.0	15.1	14.8	14.1
Oct.....	14.9	14.9	14.4	14.4	14.4	14.6	14.5	14.4	14.0	15.0	15.7	15.7	16.5	16.9	17.2	17.4	16.5
Nov	17.4	16.6	16.7	16.4	16.1	16.2	16.1	15.4	15.6	14.8	15.1	15.6	16.4	16.1	16.4	16.5	16.2
Dec.....	15.9	15.3	15.9	16.8	16.8	15.8	15.8	14.9	14.7	14.4	15.3	15.1	14.6	14.9	14.4	14.6	14.5
Year ...	13.7	13.2	13.3	13.5	13.2	13.1	13.2	13.2	13.6	14.1	14.8	15.1	15.8	15.8	16.2	16.1	15.5

CHICAGO, ILL.

[λ=41° 53′ N.; φ=87° 37′ W.]

Jan.....	18.5	17.3	17.4	18.1	17.8	17.3	17.9	17.1	17.6	18.1	18.4	18.9	19.6	18.9	19.2	19.4	20.0
Feb	16.1	16.0	15.1	15.3	14.6	14.4	15.0	15.5	16.5	16.9	17.0	17.5	18.4	18.2	18.3	18.1	18.1
Mar	18.5	19.5	20.1	19.5	20.0	20.6	19.8	20.0	20.7	21.3	21.5	20.7	22.8	22.1	21.9	21.4	21.1
Apr	18.1	17.4	17.2	17.2	17.0	17.3	17.3	16.8	16.4	17.2	17.9	18.9	19.5	20.1	20.1	20.1	19.9
May	14.7	14.6	15.3	14.1	13.3	13.7	14.3	14.0	15.1	16.3	16.6	16.8	17.7	18.2	17.6	19.1	18.5
June ...	15.3	13.7	12.8	12.5	13.6	13.7	13.8	12.7	13.2	13.6	13.7	14.9	15.9	15.4	16.3	17.0	17.7
July	16.0	15.4	15.0	14.5	14.0	14.5	14.4	14.6	14.7	15.3	14.9	14.3	14.7	15.9	15.7	16.6	16.2
Aug	12.8	12.8	11.9	11.7	13.1	13.5	14.2	13.9	13.7	13.6	14.2	13.6	14.3	14.5	15.5	15.0	15.3
Sept....	16.5	16.9	17.1	15.9	15.5	14.4	15.1	14.5	14.4	15.2	15.9	16.6	18.6	18.5	18.1	18.1	18.9
Oct.....	18.0	18.3	17.6	17.7	18.1	17.6	17.8	18.0	17.8	18.3	18.5	18.5	19.4	19.7	19.5	19.2	18.6
Nov	14.7	14.7	14.5	14.7	14.1	14.1	13.8	13.3	14.2	15.3	16.0	16.0	16.7	17.2	16.9	17.2	16.7
Dec	16.3	15.8	15.3	15.7	15.4	15.0	15.2	15.1	14.9	15.0	15.2	15.1	15.8	16.3	16.6	16.9	16.2
Year ...	16.3	16.0	15.8	15.6	15.5	15.5	15.7	15.5	15.8	16.3	16.6	16.8	17.8	17.9	18.0	18.2	18.1

WIND—VELOCITY AND FREQUENCY.

BISMARCK, N. DAK.

[h_a=29 ft.; local time, 1h 43m slow.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1901.
12.6	12.3	11.3	10.8	10.5	10.4	10.4	10.7	46	47	39	106	89	44	15	81	320	3	Jan.
13.1	11.9	9.6	8.2	7.2	6.9	6.5	9.6	46	56	50	42	36	11	72	23	379	3	Feb.
14.2	13.2	11.5	10.0	8.7	9.5	9.9	10.9	44	145	75	133	107	42	18	16	200	8	Mar.
16.0	15.3	12.8	11.9	11.3	11.0	11.3	12.3	46	98	62	158	229	43	10	10	110	0	Apr.
14.4	13.9	12.7	10.3	9.0	8.8	9.1	11.2	44	54	105	151	251	70	14	8	89	2	May.
14.6	13.4	12.1	9.6	7.4	7.2	7.1	10.2	36	120	65	118	68	32	38	76	200	3	June.
10.6	10.8	10.5	9.3	8.8	8.8	9.4	9.3	48	83	116	205	148	46	12	26	106	2	July.
9.9	9.7	8.9	7.3	7.1	6.2	5.5	7.8	36	123	75	145	121	77	27	47	116	13	Aug.
13.3	12.2	10.6	8.9	7.9	8.0	8.0	10.6	35	58	47	115	149	81	18	63	179	10	Sept.
12.0	9.2	8.1	7.3	6.7	5.5	5.8	8.2	34	61	15	65	81	87	84	84	254	13	Oct.
9.3	8.3	8.5	8.0	7.1	7.2	7.1	8.1	36	39	56	112	124	87	7	10	274	11	Nov.
10.8	9.7	9.0	8.6	8.1	7.7	8.1	8.9	34	27	23	53	74	51	21	106	378	11	Dec.
12.6	11.7	10.5	9.2	8.3	8.1	8.2	9.8	48	911	728	1,403	1,477	671	336	550	2,605	79	Year.

BOSTON, MASS.

[h_a=181 ft.; local time, 16m fast.]

11.9	11.3	11.6	11.9	11.4	11.6	11.7	12.1	28	155	33	21	25	36	118	178	178	0	Jan.
15.4	15.0	14.8	14.3	14.7	14.6	14.4	15.6	43	13	11	1	0	5	68	309	265	0	Feb.
13.4	12.8	12.6	12.4	12.7	12.6	12.4	13.2	36	47	92	96	18	41	142	178	130	0	Mar.
12.2	11.5	11.1	11.0	11.0	11.9	11.2	12.3	40	118	317	166	21	10	13	27	48	0	Apr.
11.9	11.5	10.8	10.5	10.2	10.1	10.4	11.1	36	35	200	127	43	72	113	99	55	0	May.
11.2	10.8	10.2	9.7	9.3	8.8	8.8	10.1	30	29	42	95	38	70	228	157	61	0	June.
9.8	9.4	8.7	8.8	9.2	8.4	8.2	9.1	34	52	111	117	58	48	215	120	23	0	July.
9.1	8.5	8.5	7.7	7.3	7.3	7.4	8.0	26	54	32	167	72	86	182	113	37	1	Aug.
9.2	8.9	9.2	9.2	8.5	8.6	9.0	9.1	29	78	47	43	32	64	207	159	89	1	Sept.
10.7	10.5	10.6	10.4	9.9	9.2	9.1	10.6	36	38	8	41	38	74	215	146	184	0	Oct.
12.5	12.2	12.0	11.6	11.4	10.8	10.9	12.6	60	81	74	6	8	13	96	188	254	0	Nov.
12.8	12.4	13.0	12.7	12.8	12.4	11.9	11.9	44	114	40	24	54	74	129	124	185	0	Dec.
11.7	11.2	11.1	10.8	10.7	10.5	10.4	11.3	60	814	1,007	904	407	593	1,726	1,798	1,509	2	Year.

BUFFALO, N. Y.

[h_a=206 ft.; local time, 16m slow.]

17.0	17.3	17.6	16.9	16.2	16.2	16.0	17.0	64	49	46	57	22	97	118	245	110	0	Jan.
17.1	17.8	17.8	17.9	18.3	18.0	16.8	17.5	42	27	10	45	19	18	135	342	76	0	Feb.
20.2	18.5	17.8	17.9	17.7	17.9	17.8	18.1	60	40	59	94	49	90	160	198	54	0	Mar.
13.5	12.4	11.8	11.6	11.6	11.4	11.5	12.7	39	154	145	135	47	44	103	30	62	0	Apr.
12.9	12.0	11.6	11.7	11.4	11.6	11.0	12.1	46	43	108	121	78	26	241	120	7	0	May.
13.3	12.3	11.5	11.2	11.3	11.2	10.4	12.3	40	16	23	84	24	83	282	197	11	0	June.
13.5	12.1	11.5	12.9	12.2	11.9	10.9	12.3	40	50	83	123	15	44	233	184	12	0	July.
11.8	10.6	10.2	9.7	10.0	9.9	9.5	9.7	39	69	68	145	43	98	167	107	40	7	Aug.
13.7	12.3	12.7	12.5	12.9	12.6	12.8	12.8	53	33	65	62	36	87	200	190	45	2	Sept.
15.3	14.9	16.0	16.7	15.9	15.3	15.8	15.5	56	77	22	27	20	135	234	154	75	0	Oct.
16.1	16.5	16.5	16.1	16.4	16.7	16.8	16.2	48	96	37	43	28	30	102	232	152	0	Nov.
15.2	15.3	15.5	16.1	15.6	15.7	15.5	15.4	54	64	42	53	45	120	160	179	77	4	Dec.
15.0	14.3	14.2	14.3	14.1	14.0	13.7	14.3	64	718	708	989	426	872	2,135	2,178	721	13	Year.

CHICAGO, ILL.

[h_a=274 ft.; local time, 50m slow.]

18.7	19.5	18.8	18.3	18.6	19.0	18.6	18.5	53	69	47	27	23	130	118	163	167	0	Jan.
17.5	17.0	16.8	17.2	17.3	16.2	15.7	16.6	58	36	32	61	66	39	56	201	181	0	Feb.
22.1	22.4	21.3	20.8	19.9	18.5	17.8	20.6	56	68	121	69	81	59	138	121	87	0	Mar.
19.7	19.5	19.2	19.1	19.1	18.7	18.9	18.4	56	186	262	106	65	45	14	26	16	0	Apr.
17.7	18.4	16.0	14.7	15.0	15.1	14.7	15.9	48	132	244	77	66	60	44	75	46	0	May.
17.3	16.6	14.9	12.8	13.6	14.3	14.0	14.5	54	20	122	98	103	130	104	90	53	0	June.
16.3	15.8	14.2	14.3	14.9	15.2	15.1	15.1	56	48	162	82	74	87	157	84	50	0	July.
15.3	15.1	13.5	13.4	13.0	12.9	13.3	13.8	44	57	314	130	80	54	65	25	19	0	Aug.
17.8	17.5	15.9	15.8	15.5	17.1	16.7	16.5	48	55	92	36	109	166	103	90	69	0	Sept.
16.5	15.8	16.7	17.1	17.6	18.4	18.3	18.0	50	52	91	33	25	119	160	165	99	0	Oct.
15.9	15.5	15.2	14.7	14.8	15.1	14.9	15.3	50	82	53	26	23	141	103	103	189	0	Nov.
15.7	15.9	15.7	15.7	15.5	16.1	15.7	15.7	48	62	46	20	39	140	142	151	144	0	Dec.
17.5	17.4	16.5	16.2	16.2	16.4	16.1	16.6	58	867	1,586	765	754	1,170	1,204	1,294	1,120	0	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

CINCINNATI, OHIO.

[λ=39° 6′ N.; φ=84° 30′ W.] [Seventy-fifth Meridian Time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.....	8.3	8.1	8.0	8.3	7.6	7.9	7.6	8.2	8.2	8.7	9.9	10.0	10.4	10.8	11.0	11.2	10.4
Feb	8.8	9.0	8.6	9.0	8.0	8.3	8.2	9.0	9.4	9.9	10.8	11.6	12.5	12.7	12.9	12.5	12.0
Mar	10.3	10.3	9.3	9.2	8.8	8.5	8.5	8.6	10.4	11.2	12.4	12.3	13.0	13.5	13.4	13.2	13.2
Apr	7.4	7.3	7.6	7.3	7.0	6.9	7.6	8.4	9.2	9.7	10.5	11.3	11.8	11.4	11.3	11.2	10.8
May	4.8	4.7	4.7	4.6	4.9	4.5	4.7	5.9	6.9	7.4	8.5	9.2	9.7	9.4	10.1	9.9	9.1
June....	4.3	4.8	3.9	3.1	3.2	3.3	3.7	4.3	5.2	6.7	7.0	7.4	8.2	8.4	8.9	9.3	8.8
July....	4.2	4.4	3.8	3.7	4.0	4.5	4.6	5.1	6.0	6.8	7.7	8.2	9.0	8.5	9.4	10.1	10.3
Aug	5.1	4.4	4.3	4.3	4.5	4.7	4.7	5.4	6.0	6.6	7.0	7.5	8.3	8.4	8.5	8.3	7.9
Sept....	4.7	4.9	4.6	4.3	4.0	3.9	4.5	5.1	5.8	6.5	7.2	7.5	8.1	8.4	8.6	8.6	8.0
Oct.....	4.3	3.7	3.5	4.0	3.8	4.1	3.8	4.3	5.1	6.0	7.2	7.8	8.9	9.1	8.8	9.3	9.1
Nov	7.1	6.8	6.1	6.3	5.8	5.9	6.3	6.8	7.3	8.0	9.3	10.0	11.3	10.7	11.5	11.3	10.0
Dec.....	7.4	7.2	7.0	6.7	6.5	6.6	7.0	7.2	7.7	8.3	8.9	9.0	9.9	9.4	9.4	9.5	8.6
Year....	6.4	6.3	6.0	5.9	5.7	5.8	5.9	6.5	7.3	8.0	8.9	9.3	10.1	10.1	10.3	10.4	9.8

CLEVELAND, OHIO.

[λ=41° 30′ N.; φ=81° 42′ W.]

Jan.....	19.4	19.2	18.9	18.5	18.6	18.7	17.6	17.5	18.0	18.5	17.9	18.6	18.4	18.6	18.2	17.5	16.8
Feb	17.2	16.7	16.0	14.9	14.2	13.7	14.6	15.1	15.5	16.0	15.9	17.1	18.9	19.3	19.1	18.9	17.8
Mar	17.3	17.1	16.5	16.9	17.5	18.1	18.3	18.0	18.1	18.2	19.9	19.5	18.9	19.8	19.0	18.2	18.8
Apr	13.0	12.5	13.5	14.6	14.8	14.3	14.4	15.6	15.9	15.9	15.5	15.5	16.5	16.0	15.5	15.3	14.5
May	13.1	11.8	11.6	11.5	11.2	10.7	10.9	10.8	11.7	11.4	11.8	12.5	13.9	14.3	14.6	14.5	14.0
June....	10.9	11.2	12.2	12.1	11.4	11.1	11.1	11.1	10.9	11.1	11.3	10.6	11.6	12.5	13.3	11.8	11.2
July....	10.9	11.1	11.4	11.2	10.7	10.4	10.0	10.9	11.5	11.4	12.4	13.4	13.3	14.1	13.7	13.9	13.3
Aug	11.3	11.0	11.6	11.2	12.0	11.5	11.4	10.6	10.9	11.3	11.3	11.3	12.1	13.2	12.0	12.0	12.1
Sept....	14.4	14.7	13.3	12.0	11.8	12.0	12.8	13.4	12.8	12.7	13.0	13.4	14.6	14.2	13.4	12.3	12.4
Oct.....	16.6	16.5	16.2	15.0	15.0	15.7	15.9	16.0	15.6	15.0	15.9	16.4	15.5	16.2	16.1	15.5	14.8
Nov	20.5	19.8	19.5	19.4	18.9	18.0	18.2	18.0	18.0	17.9	17.8	18.2	18.3	19.0	19.4	19.0	18.6
Dec.....	16.3	15.8	15.4	15.0	14.7	14.5	14.8	15.4	15.5	16.1	16.9	16.8	16.0	16.3	15.3	14.7	14.6
Year....	15.1	14.8	14.7	14.4	14.2	14.1	14.2	14.4	14.5	14.6	15.0	15.3	15.7	16.1	15.8	15.3	14.9

DETROIT, MICH.

[λ=42° 20′ N.; φ=83° 3′ W.]

Jan.....	12.0	12.3	11.8	11.6	11.7	11.5	11.8	11.7	12.3	12.7	13.5	13.9	14.3	14.4	13.8	13.5	12.7
Feb	11.6	11.2	10.8	11.0	10.8	11.0	11.2	11.4	11.2	11.6	12.5	14.0	15.0	15.4	15.7	15.9	15.0
Mar	13.4	13.0	13.	13.3	14.0	14.0	15.0	15.3	16.2	16.2	17.0	16.1	16.8	17.1	17.6	16.7	16.3
Apr	11.2	11.2	10.6	10.3	11.2	10.9	11.4	11.5	12.0	12.3	12.7	13.6	14.1	14.4	14.3	14.3	14.6
May	8.9	9.0	9.6	9.6	9.4	9.6	9.3	10.0	10.2	10.9	12.2	12.8	13.5	14.1	13.7	13.9	13.8
June ...	8.4	8.2	7.6	7.7	7.9	6.9	7.4	8.4	9.3	9.9	10.3	10.6	11.8	11.7	11.8	11.9	11.7
July....	8.6	9.2	8.9	8.3	8.6	9.0	8.8	9.1	9.2	9.8	11.2	12.0	12.8	13.4	13.5	12.6	12.3
Aug	7.7	7.6	7.5	7.2	7.3	7.9	8.0	8.4	8.9	8.9	9.7	10.1	10.4	11.1	11.0	10.6	10.5
Sept....	9.8	10.5	10.3	10.0	10.0	9.6	9.2	8.8	9.5	10.5	11.1	11.4	12.3	12.5	13.2	12.7	11.8
Oct.....	11.4	10.9	10.8	10.3	10.1	10.3	10.4	10.5	11.1	12.7	13.4	13.4	14.1	14.5	14.7	14.8	14.2
Nov	11.6	11.3	11.1	10.6	10.6	10.2	10.1	10.4	10.8	12.1	13.0	13.3	14.2	13.9	13.8	13.8	12.8
Dec	10.7	11.5	11.0	10.5	10.4	10.6	10.2	9.7	10.1	10.5	11.2	11.8	12.7	12.2	12.3	11.7	11.3
Year ...	10.4	10.5	10.3	10.0	10.2	10.1	10.2	10.4	10.9	11.5	12.3	12.8	13.5	13.7	13.8	13.5	13.1

DODGE, KANS.

[λ=37° 45′ N.; φ=100° W.]

Jan.....	8.8	8.4	8.5	8.4	7.2	7.3	8.5	8.2	7.2	7.5	9.4	11.0	12.7	12.8	14.0	14.0	13.5
Feb	6.8	7.1	7.9	8.1	8.7	9.3	9.6	9.0	8.8	9.2	10.4	11.9	12.1	12.5	12.5	11.9	11.8
Mar	12.0	11.4	11.2	12.3	12.8	12.4	11.2	10.8	10.9	13.6	15.5	15.8	16.9	17.3	17.9	18.5	18.3
Apr	11.1	11.1	11.7	11.5	11.4	11.1	11.0	10.6	12.4	15.3	16.6	17.2	17.1	16.9	16.9	17.3	17.9
May	6.7	6.7	6.6	7.1	6.8	5.8	5.4	6.1	8.0	9.8	10.7	11.3	11.4	11.4	12.1	12.6	12.8
June....	13.8	13.1	12.3	11.3	10.7	9.6	10.3	10.7	14.7	16.2	17.0	17.5	16.4	16.7	16.8	17.9	18.5
July....	10.0	9.1	7.8	7.2	6.7	6.3	7.2	8.0	11.2	13.6	14.9	16.1	16.8	16.3	16.9	17.1	16.9
Aug	8.4	7.5	5.9	5.6	5.6	5.6	5.4	5.7	7.1	9.5	11.2	11.5	11.5	11.7	11.7	12.2	12.3
Sept....	11.4	10.3	10.3	10.4	10.0	10.6	9.5	9.5	11.5	14.9	16.3	16.6	17.0	16.6	17.2	17.7	18.1
Oct.....	9.0	8.8	8.8	8.1	8.5	8.1	7.9	7.6	8.2	10.5	12.5	13.5	14.6	14.5	13.8	13.5	13.4
Nov	7.8	8.4	7.8	7.9	8.1	7.6	7.3	7.1	7.2	7.9	10.1	11.7	13.1	12.7	12.5	12.2	12.0
Dec	9.2	9.7	9.8	9.1	9.9	10.2	10.3	9.4	8.8	9.9	10.9	12.3	14.5	15.0	15.6	15.5	14.5
Year ...	9.6	9.3	9.0	8.9	8.9	8.7	8.6	8.6	9.7	11.5	13.0	13.9	14.5	14.5	14.8	15.0	15.0

WIND—VELOCITY AND FREQUENCY—Continued.

CINCINNATI, OHIO.

[h_a=157 ft.; local time, 38m slow.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1901.
9.8	9.8	9.4	9.2	9.5	8.8	8.7	9.2	41	48	56	44	118	35	184	107	146	6	Jan.
11.1	10.4	9.6	10.1	10.1	8.9	8.5	10.1	34	22	40	72	67	16	102	146	207	0	Feb.
12.2	11.4	10.5	10.1	10.4	9.9	9.7	10.8	48	20	35	32	136	42	229	113	136	1	Mar.
10.0	9.2	7.9	7.9	7.4	7.0	6.9	8.9	36	105	122	82	87	5	45	43	222	9	Apr.
8.2	8.1	6.8	5.7	5.2	5.6	4.7	6.8	29	103	112	35	65	46	120	95	143	25	May.
8.0	7.1	6.4	5.4	5.4	4.7	4.4	5.9	52	39	65	52	173	61	164	63	84	19	June.
10.0	9.5	7.9	5.6	5.7	5.3	5.0	6.6	42	37	104	73	143	68	178	58	82	1	July.
7.8	6.7	6.3	5.4	4.9	4.9	5.0	6.1	36	92	108	86	198	81	100	32	45	2	Aug.
7.7	6.9	5.8	5.1	5.2	4.8	4.7	6.0	26	84	87	66	195	32	84	44	99	29	Sept.
8.0	6.2	5.9	5.0	4.4	4.3	4.5	5.9	28	34	49	60	168	60	138	100	90	45	Oct.
9.0	9.2	8.9	8.2	7.4	7.0	6.9	8.2	30	62	39	53	139	24	93	93	209	8	Nov.
8.5	8.7	9.1	8.9	8.4	8.1	8.0	8.2	36	76	64	50	142	68	132	71	140	1	Dec.
9.2	8.6	7.9	7.2	7.0	6.6	6.4	7.7	52	722	881	705	1,631	538	1,569	965	1,603	146	Year.

CLEVELAND, OHIO.

[h_a=201 ft.; local time, 27m slow.]

16.7	17.2	18.1	18.3	19.0	18.3	18.5	18.2	60	51	32	12	148	141	141	152	67	0	Jan.
16.8	15.6	15.5	16.3	16.5	17.2	17.4	16.5	49	5	32	21	51	75	201	201	86	0	Feb.
16.6	14.7	16.0	15.5	16.3	17.2	17.3	17.7	53	57	64	21	142	140	136	104	80	0	Mar.
14.9	14.1	13.7	13.7	12.7	12.6	12.4	14.5	60	188	87	66	106	24	9	92	148	0	Apr.
13.9	12.4	11.1	11.1	11.9	11.9	13.0	12.3	48	181	133	36	111	71	52	86	74	0	May.
10.9	9.5	8.2	8.8	9.8	10.3	10.8	11.0	40	98	47	35	186	102	66	124	62	0	June.
11.9	11.1	10.9	10.2	10.6	11.4	11.5	11.7	51	145	79	24	89	148	94	103	62	0	July.
11.2	10.5	10.5	11.3	12.2	12.2	12.0	11.5	42	168	85	66	209	69	43	25	79	0	Aug.
11.6	9.9	10.1	10.6	11.3	12.8	13.3	12.6	36	70	62	46	208	105	83	80	66	0	Sept.
14.3	13.8	14.7	16.5	16.6	16.8	17.1	15.7	56	74	41	12	207	156	118	82	54	0	Oct.
18.6	18.9	18.1	19.1	19.5	20.4	20.2	18.9	60	24	27	5	98	88	170	165	143	0	Nov.
14.2	14.6	15.5	16.3	16.5	16.5	16.7	15.6	48	68	16	13	135	173	181	86	72	0	Dec.
14.3	13.5	13.5	14.0	14.4	14.8	15.0	14.7	60	1,129	705	357	1,690	1,292	1,294	1,300	993	0	Year.

DETROIT, MICH.

[h_a=198 ft.; local time, 32m slow.]

12.6	12.1	12.7	13.0	12.4	12.8	12.4	12.7	48	70	35	25	26	91	172	173	150	2	Jan.
13.6	13.2	12.5	12.6	12.2	12.0	12.0	12.6	33	29	44	22	16	33	158	239	131	0	Feb.
15.8	15.0	14.3	13.6	14.0	13.0	12.9	15.0	48	57	67	82	60	60	194	111	113	0	Mar.
13.5	13.1	12.2	12.3	11.5	11.2	10.8	12.3	52	250	180	85	58	28	37	25	55	2	Apr.
13.0	12.2	10.7	9.9	9.6	9.6	9.5	11.0	40	96	211	94	28	44	122	99	50	0	May.
11.3	10.6	8.9	8.0	8.0	8.3	8.4	9.4	30	38	69	91	65	88	155	129	84	1	June.
12.4	11.4	10.0	9.2	9.2	8.9	8.8	10.3	40	59	138	94	31	58	185	124	53	2	July.
10.7	9.2	7.9	7.6	8.2	8.2	8.1	8.9	28	100	149	131	72	92	96	49	53	2	Aug.
11.2	10.8	10.2	11.4	11.6	11.4	10.3	10.8	38	74	102	48	50	86	142	117	100	0	Sept.
13.0	11.7	12.0	11.9	12.1	12.4	12.1	12.2	56	58	60	42	22	108	236	136	82	0	Oct.
11.9	12.4	12.3	12.3	12.6	12.1	11.7	12.0	37	71	25	12	32	58	108	165	249	0	Nov.
10.6	11.2	11.1	11.3	11.4	11.5	10.8	11.1	37	81	37	35	37	88	223	140	103	0	Dec.
12.5	11.9	11.2	11.1	11.1	11.0	10.6	11.5	56	983	1,117	761	497	834	1,829	1,507	1,223	9	Year.

DODGE, KANS.

[h_a=52 ft.; local time, 1h 40m slow.]

11.9	9.3	8.1	8.5	8.3	8.3	8.1	9.6	41	127	53	13	88	95	57	58	249	4	Jan.
11.8	10.0	8.2	8.5	7.6	7.2	6.7	9.5	34	113	97	22	123	5	50	53	209	0	Feb.
17.5	16.8	13.8	11.6	10.9	11.4	11.5	13.8	52	64	48	32	132	15	66	55	328	4	Mar.
17.4	16.6	14.9	11.9	12.1	11.5	11.5	13.9	48	39	55	62	348	8	31	30	144	3	Apr.
13.2	12.0	10.2	7.6	6.7	6.9	6.1	8.9	42	140	107	31	238	41	23	30	129	5	May.
19.2	18.6	18.2	15.7	15.3	15.1	15.3	15.0	49	45	35	32	438	61	45	13	51	0	June.
16.9	17.9	16.8	14.1	11.1	9.9	9.7	12.4	56	15	42	29	494	123	17	2	9	13	July.
12.2	12.5	10.7	8.5	8.6	9.0	8.8	9.1	36	94	96	86	322	45	35	14	39	13	Aug.
18.1	17.6	15.1	13.5	12.8	12.2	11.8	13.7	42	47	76	54	381	45	30	8	75	4	Sept.
12.5	10.5	8.8	8.5	8.5	8.3	7.9	10.3	48	76	82	52	214	92	54	64	97	13	Oct.
11.1	8.3	7.9	8.2	7.8	8.1	8.1	9.2	37	78	41	29	181	59	88	65	161	18	Nov.
12.3	8.7	7.6	7.6	7.8	8.9	8.9	10.7	44	70	41	13	115	13	64	122	298	8	Dec.
14.5	13.2	11.7	10.4	9.8	9.7	9.5	11.3	56	908	773	455	3,074	602	560	514	1,789	85	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

EASTPORT, ME.

[λ=44° 54′ N.; φ=66° 59′ W.] [Seventy-fifth Meridian Time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.	14.9	14.9	14.7	13.6	14.3	14.2	14.1	14.3	14.6	15.0	14.4	13.8	13.7	13.8	14.1	13.2	12.6
Feb	14.5	15.0	14.9	14.4	14.0	14.6	14.1	13.2	13.5	13.5	14.0	14.6	13.9	13.2	13.1	13.9	12.8
Mar	12.7	12.3	13.1	13.5	13.9	12.7	12.7	12.8	11.9	11.6	12.2	12.6	13.2	13.7	14.4	13.7	13.2
Apr	12.7	12.8	13.4	13.3	13.1	13.0	13.5	14.1	14.2	14.8	14.8	15.1	15.3	16.2	16.1	15.9	16.0
May	8.3	8.4	8.4	8.4	8.3	8.5	9.2	9.9	10.4	11.2	12.5	12.7	13.0	13.7	13.9	13.5	12.8
June	7.0	6.7	6.8	7.1	7.2	6.9	7.3	6.9	8.5	9.1	10.0	10.4	10.5	10.8	10.3	10.5	10.5
July	5.1	5.3	5.2	4.8	4.9	4.9	5.0	5.5	6.5	6.7	7.7	8.4	9.3	9.6	9.8	9.5	8.6
Aug	6.3	6.2	5.4	5.5	6.1	5.8	5.5	6.2	6.7	7.1	7.9	9.0	10.0	10.5	10.4	10.4	9.4
Sept	7.6	7.2	7.3	7.1	7.0	6.5	6.5	6.7	7.4	8.1	8.9	9.6	10.5	10.6	10.5	10.7	9.9
Oct	9.3	8.7	8.7	8.9	9.2	9.5	9.1	9.1	10.1	11.1	11.3	11.7	11.4	12.1	11.8	11.0	9.5
Nov	13.1	13.1	12.6	12.6	12.8	13.5	14.1	14.3	14.2	13.5	13.8	13.3	12.8	13.6	13.1	12.5	12 1
Dec	12.4	12.2	11.8	12.0	12.8	13.1	13.1	14.2	15.1	14.6	14.6	15.0	14.9	14.8	13.5	12.2	11.3
Year	10.3	10.2	10.2	10.1	10.3	10.3	10.4	10.6	11.1	11.4	11.8	12.2	12.4	12.7	12.6	12.2	11.6

GALVESTON, TEX.

[λ=29° 18′ N.; φ=94° 50′ W.]

Jan.	13.3	12.7	12.4	11.7	11.7	11.9	12.5	12.3	11.6	11.7	11.7	11.7	12.0	11.8	12.4	12.5	12.0
Feb	13.4	13.1	13.1	13.4	14.0	13.8	13.5	13.6	12.9	12.9	13.1	13.6	14.0	13.9	14.3	14.1	14.4
Mar	14.2	14.4	13.6	13.6	13.0	13.2	13.4	13.8	14.1	14.6	14.9	15.2	16.0	16.1	16.4	16.1	15.1
Apr	13.0	13.1	12.6	11.7	11.2	11.2	10.9	11.2	12.3	13.4	14.3	14.0	15.0	14.9	15.1	15.0	15.2
May	12.5	12.9	12.1	10.9	10.9	10.6	9.6	9.3	10.2	10.5	10.7	10.8	11.9	11.7	12.5	13.1	12.6
June	11.3	11.7	11.7	10.8	10.0	9.1	8.4	7.9	8.7	9.2	9.7	10.3	11.6	11.1	11.4	11.7	11.8
July	10.1	10.5	10.4	9.9	9.4	8.7	8.6	8.5	8.7	9.0	9.5	9.5	10.7	11.4	11.1	11.5	11.6
Aug	8.5	8.8	8.6	8.4	7.8	7.5	7.7	7.8	8.0	8.3	8.7	8.5	9.3	9.6	10.2	10.3	10.7
Sept	11.3	11.2	11.1	11.2	10.2	10.8	10.9	11.0	10.8	11.7	12.4	12.9	14.2	13.3	12.8	12.0	12.2
Oct	9.8	10.3	10.6	10.6	10.2	9.9	10.1	10.8	11.5	11.8	12.4	12.9	13.6	13.4	12.9	12.6	12.1
Nov	12.3	11.6	11.9	11.9	12.0	11.5	11.6	11.9	12.0	12.2	12.9	12.8	12.9	12.1	11.9	11.3	10.9
Dec	13.1	13.1	12.8	12.5	13.1	13.0	12.9	13.7	13.5	14.1	14.6	14.1	14.3	13.8	13.7	13.7	12.9
Year	11.9	12.0	11.7	11.4	11.1	10.9	10.8	11.0	11.2	11.6	12.1	12.2	13.0	12.8	12.9	12.8	12.6

HAVRE, MONT.

[λ=48° 34′ N.; φ=109° 40′ W.]

Jan.	11.9	13.0	13.2	14.1	13.9	13.0	13.9	13.9	13.6	12.5	11.4	10.8	12.5	13.6	14.6	14.6	14.0
Feb	8.6	9.8	9.1	8.9	8.9	10.0	9.2	9.2	9.4	9.5	9.7	10.9	12.4	13.4	13.0	12.6	12.6
Mar	7.3	8.1	8.3	8.2	8.8	8.7	8.6	8.9	9.4	10.2	11.5	12.6	13.8	14.0	14.0	14.3	14.4
Apr	7.3	6.6	6.9	5.8	6.4	6.8	7.0	7.0	7.0	8.8	10.6	10.9	11.1	11.6	12.1	12.2	12.3
May	7.4	7.0	8.8	8.5	7.3	7.1	7.5	7.6	7.4	9.0	9.1	9.4	9.8	10.9	11.7	11.5	11.3
June	6.8	6.8	6.8	6.7	6.7	6.5	7.3	7.6	9.2	11.0	12.3	12.7	13.3	13.8	13.3	13.1	12.3
July	5.2	6.0	6.7	6.0	5.5	5.0	5.1	5.7	6.7	8.0	9.1	8.8	9.0	9.2	9.3	9.9	9.9
Aug	6.6	7.4	7.2	6.5	6.2	6.2	5.3	5.6	5.8	7.9	8.7	9.5	8.9	8.7	8.8	8.6	8.6
Sept	7.6	7.5	7.4	7.7	7.3	7.0	7.3	7.6	7.4	7.2	8.6	9.1	10.5	11.0	11.5	12.1	11.7
Oct	6.8	7.7	7.3	6.7	6.5	6.5	6.5	6.9	6.9	7.3	8.9	10.9	12.3	11.9	11.5	11.3	11.7
Nov	8.3	8.1	7.9	7.8	8.0	7.4	7.9	8.2	8.3	8.0	8.6	9.9	11.4	12.1	13.3	12.8	12.1
Dec	13.2	12.9	13.0	13.5	12.6	13.2	12.9	12.2	12.4	13.2	13.9	13.1	14.2	13.9	14.6	14.4	13.2
Year	8.1	8.4	8.6	8.4	8.2	8.1	8.2	8.4	8.6	9.4	10.2	10.7	11.6	12.0	12.3	12.3	12.0

KANSAS CITY, MO.

[λ=39° 5′ N.; φ=94° 37′ W.]

Jan.	7.7	8.0	8.0	8.1	8.8	8.4	8.4	8.1	7.7	8.6	9.9	9.9	10.3	10.6	10.6	10.8	10.2
Feb	7.1	7.2	6.9	6.2	7.0	7.0	7.1	6.9	7.0	7.8	8.5	9.4	9.1	9.3	10.3	10.5	10.1
Mar	8.8	9.8	9.9	10.3	9.7	10.0	10.5	10.3	11.5	13.0	13.7	13.9	14.5	14.8	14.8	15.4	15.4
Apr	7.4	7.0	6.8	7.1	6.8	6.2	6.2	7.1	7.9	9.4	10.2	10.4	10.6	10.7	10.9	10.6	10.2
May	6.5	6.7	6.5	6.3	5.4	5.3	5.5	6.2	6.9	7.9	9.5	10.5	10.4	10.1	10.3	10.0	10.1
June	8.3	8.4	8.2	7.3	7.3	7.1	6.5	7.5	8.7	9.5	10.6	10.3	11.5	11.7	11.8	11.7	12.0
July	8.2	7.3	6.7	6.3	6.3	6.3	6.2	6.2	6.8	7.2	7.2	7.9	8.2	8.3	8.2	8.5	8.8
Aug	4.5	4.6	4.7	5.0	4.7	4.7	4.6	5.1	5.6	6.5	6.1	6.8	7.3	7.2	7.2	7.0	6.9
Sept	7.1	6.4	6.4	6.1	6.4	6.2	6.1	6.1	7.0	8.1	8.4	9.3	9.4	9.7	9.6	9.6	9.4
Oct	6.9	6.5	6.0	6.2	6.5	6.9	6.3	6.6	6.8	7.5	8.1	8.7	9.4	10.0	9.9	10.3	9.2
Nov	7.8	8.1	8.4	8.6	8.5	8.4	8.2	8.3	8.0	8.4	8.9	9.4	10.1	9.5	9.3	9.3	9.3
Dec	8.4	7.8	7.3	7.8	7.8	7.7	7.8	7.4	8.4	8.8	9.4	10.0	10.5	9.8	9.6	9.6	9.7
Year	7.4	7.3	7.2	7.1	7.1	7.0	7.0	7.2	7.7	8.6	9.2	9.7	10.1	10.1	10.2	10.3	10.1

WIND—VELOCITY AND FREQUENCY—Continued.

EASTPORT, ME.

[h_s=74 ft.; local time, 32^m fast.] [Seventy-fifth Meridian Time.]

6^h	7^h	8^h	9^h	10^h	11^h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1901.
12.9	12.5	12.5	12.6	13.9	14.9	15.1	13.9	44	159	112	32	43	9	32	163	186	8	Jan.
12.6	13.2	12.8	13.5	13.8	14.0	14.1	13.8	38	97	33	6	2	0	33	226	273	2	Feb.
12.9	12.4	12.6	12.6	12.9	13.1	13.4	12.9	50	149	109	62	65	22	109	137	84	7	Mar.
15.2	14.7	15.1	14.3	13.6	13.3	12.8	14.3	54	71	202	251	97	33	30	8	1	29	Apr.
12.0	11.1	10.1	10.2	9.1	9.2	8.5	10.6	42	83	95	119	62	107	207	54	8	9	May.
8.6	6.9	6.7	7.3	9.2	7.1	6.7	8.2	36	75	63	47	26	105	277	89	13	25	June.
7.8	7.1	6.2	5.3	5.1	4.7	4.6	6.6	26	118	71	21	26	66	207	184	34	17	July.
8.6	8.1	7.0	6.5	5.8	5.7	6.2	7.3	32	89	80	21	25	97	292	95	17	28	Aug.
9.2	8.4	8.5	8.1	8.4	7.8	8.0	8.4	28	124	60	34	17	52	216	135	75	7	Sept.
8.4	8.0	8.7	9.8	9.8	9.7	9.0	9.8	35	130	13	1	14	68	233	165	106	14	Oct.
12.1	12.3	13.2	13.7	13.3	12.6	13.5	13.1	50	197	104	36	21	9	69	96	184	4	Nov.
12.0	11.6	12.2	12.4	12.0	11.9	12.4	13.0	48	196	87	15	38	58	96	149	79	24	Dec.
11.0	10.5	10.5	10.5	10.4	10.3	10.4	11.0	54	1,488	1,029	645	436	626	1,801	1,501	1,060	174	Year.

GALVESTON, TEX.

[h_s=112 ft.; local time, 1^h 19^m slow.]

12.2	11.6	12.2	12.2	12.3	12.5	12.5	12.1	33	143	45	59	266	87	35	18	91	0	Jan.
14.4	13.8	13.9	14.2	13.7	13.9	14.0	13.7	40	163	110	56	167	66	15	10	85	0	Feb.
14.3	13.6	13.4	13.9	13.9	14.5	14.7	14.4	48	75	38	19	287	132	34	24	135	0	Mar.
14.5	14.0	13.8	13.6	13.2	13.5	12.7	13.3	44	27	42	131	198	71	76	26	147	2	Apr.
13.6	13.4	13.0	13.1	13.1	13.3	12.6	11.9	38	75	17	14	363	156	37	21	61	0	May.
11.7	11.8	12.0	11.3	11.1	11.0	11.6	10.7	42	28	23	52	412	133	36	14	22	0	June.
10.6	10.7	10.6	9.9	10.2	10.0	9.7	10.0	40	31	44	51	331	162	69	29	27	0	July.
10.3	9.5	9.3	8.4	8.6	8.9	9.5	8.8	27	57	33	15	227	252	75	50	35	0	Aug.
11.8	11.0	10.2	10.2	10.8	11.3	11.2	11.5	30	69	173	236	154	73	6	2	6	1	Sept.
11.5	10.4	9.6	9.5	9.5	9.9	10.4	11.1	42	73	177	260	158	6	0	0	68	2	Oct.
10.6	10.8	11.8	12.3	11.9	13.2	13.3	12.0	38	98	154	82	204	98	19	14	51	0	Nov.
12.4	12.2	12.5	13.5	13.8	13.8	13.1	13.3	42	95	73	78	148	121	18	30	181	0	Dec.
12.3	11.9	11.9	11.8	11.8	12.2	12.1	11.9	48	934	929	1,053	2,915	1,357	420	238	909	5	Year.

HAVRE, MONT.

[h_s=53 ft.; local time, 2^h 19^m slow.]

12.7	11.5	10.8	11.0	11.6	11.9	11.3	12.7	49	23	114	41	9	8	327	138	84	0	Jan.
12.8	11.9	10.4	9.1	9.1	8.6	8.9	10.3	48	21	144	59	10	5	234	144	48	7	Feb.
13.7	11.9	9.5	8.1	6.3	5.7	6.1	10.1	38	20	133	43	20	13	278	142	92	3	Mar.
12.9	12.4	11.8	10.5	8.9	8.4	7.6	9.3	44	37	180	58	44	37	154	127	82	1	Apr.
11.1	11.5	10.5	9.5	8.4	8.3	7.5	9.1	39	24	133	68	56	35	155	137	131	5	May.
11.6	11.7	11.4	10.6	8.9	7.5	6.7	9.8	34	16	101	60	21	12	232	163	114	1	June
9.9	9.7	9.3	9.7	8.3	6.7	5.6	7.7	44	34	156	95	87	25	112	132	100	3	July.
8.2	7.9	8.6	8.5	6.6	6.5	6.7	7.5	40	22	224	91	72	33	111	102	85	4	Aug.
11.8	10.4	9.6	8.8	7.4	7.4	7.8	8.8	46	30	159	120	29	14	126	124	108	10	Sept.
10.7	9.2	8.4	6.9	6.5	7.3	7.5	8.5	50	12	83	49	31	21	232	198	109	9	Oct.
10.5	9.4	8.5	8.8	9.0	8.5	8.2	9.3	44	11	192	58	4	12	213	171	52	7	Nov.
12.4	12.1	11.7	12.0	12.0	12.8	13.2	13.0	48	13	137	8	2	9	324	169	82	0	Dec.
11.5	10.8	10.0	9.5	8.6	8.3	8.1	9.7	50	263	1,756	750	385	224	2,498	1,747	1,087	50	Year.

KANSAS CITY, MO.

[h_s=95 ft.; local time, 1^h 18^m slow.]

9.4	8.3	7.8	8.1	8.5	8.0	7.9	8.8	30	138	23	12	97	118	115	55	184	2	Jan.
9.5	9.4	8.0	7.8	8.0	7.9	7.5	8.1	32	127	68	60	67	30	76	50	194	0	Feb.
14.2	12.8	11.1	10.5	10.1	10.2	9.5	11.9	40	112	63	26	60	160	90	64	167	2	Mar.
10.0	4.2	8.2	7.2	7.5	8.0	7.6	8.5	34	147	50	166	161	95	11	7	75	8	Apr.
9.6	9.6	8.4	7.1	6.8	7.1	6.5	7.9	29	175	126	35	137	68	53	31	114	5	May.
11.5	11.1	10.4	8.7	8.0	8.0	8.5	9.4	33	54	47	54	97	257	112	29	68	2	June.
8.9	8.1	7.4	6.3	6.4	7.0	7.4	7.3	30	60	48	43	141	211	163	31	39	8	July.
6.3	6.1	5.5	4.6	4.7	5.1	5.0	5.7	24	169	178	82	75	117	32	16	70	5	Aug.
8.3	7.3	6.0	5.8	5.9	6.1	6.3	7.4	30	86	86	48	137	197	46	40	78	2	Sept.
8.4	7.3	6.5	6.9	7.0	7.2	6.9	7.6	29	93	46	61	81	180	112	56	111	4	Oct.
8.4	7.2	7.0	7.6	7.9	8.0	8.0	8.5	35	114	55	52	77	122	74	26	198	2	Nov.
9.0	8.8	8.4	8.7	8.9	8.5	8.4	8.7	32	146	60	30	70	130	101	31	176	0	Dec.
9.5	8.8	7.9	7.4	7.5	7.6	7.5	8.3	40	1,421	850	669	1,200	1,685	985	436	1,474	40	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

KEY WEST, FLA.

[λ=24° 34′ N ; φ=81° 49′ W.] [Seventy-fifth Meridian Time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.....	11.5	11.0	11.7	11.4	11.8	11.5	11.9	11.6	11.7	12.7	12.8	12.7	13.0	12.3	12.2	12.3	12.4
Feb	11.4	11.6	12.0	11.3	11.4	11.2	11.3	10.8	11.5	12.7	12.3	11.9	12.9	11.7	12.0	11.8	11.5
Mar	11.2	10.9	10.3	10.6	10.9	10.8	10.9	11.0	11.7	12.3	12.9	12.5	12.5	12.4	12.7	12.1	12.5
Apr	12.1	12.4	12.7	12.4	12.7	13.0	13.6	12.9	13.1	13.1	12.7	11.9	11.7	11.4	11.5	11.5	11.2
May	5.4	5.5	5.5	5.6	5.3	5.4	6.0	6.1	6.8	7.1	7.5	8.0	8.5	8.5	8.3	7.6	7.2
June ...	7.7	7.3	6.7	6.7	6.3	6.3	6.4	7.2	8.0	8.9	9.0	8.6	9.0	8.4	8.3	8.3	8.3
July	7.6	7.3	7.4	7.1	6.6	6.8	6.9	7.8	8.7	9.3	9.8	9.5	9.8	9.5	8.7	8.7	9.1
Aug	6.6	5.9	5.5	5.6	5.3	5.6	6.1	7.3	8.3	8.2	9.1	8.9	8.5	8.5	8.0	8.0	7.7
Sept	7.9	7.7	7.9	7.7	7.5	7.2	7.6	8.8	9.4	9.8	10.0	9.8	10.4	9.8	9.4	8.7	8.2
Oct.....	14.9	14.4	14.7	14.5	14.9	14.9	14.8	14.4	15.0	15.3	15.7	15.3	15.1	14.9	15.0	14.3	14.2
Nov	11.6	12.0	12.2	12.3	12.5	12.1	12.3	11.9	12.7	13.2	13.2	12.8	12.5	11.7	11.7	11.1	11.3
Dec	11.5	10.5	10.4	10.1	10.0	9.5	9.7	9.5	9.4	9.9	10.8	11.3	12.1	12.3	12.7	12.7	11.5
Year ...	10.0	9.7	9.8	9.6	9.6	9.5	9.8	9.9	10.5	11.0	11.3	11.1	11.3	11.0	10.9	10.6	10.4

MARQUETTE, MICH.

[λ=46° 34′ N.; φ=87° 24′ W.]

Jan.....	13.9	14.6	14.6	14.2	14.1	14.3	15.0	15.3	14.5	14.1	13.8	13.0	12.3	12.3	11.2	11.6	11.7
Feb	10.2	10.1	10.5	10.8	11.7	11.3	11.4	12.4	11.8	11.4	11.3	11.7	11.8	11.8	11.8	11.4	11.1
Mar	11.6	12.5	12.4	12.9	12.6	13.2	13.6	13.5	13.0	12.6	12.5	12.7	12.8	12.5	13.3	13.5	12.9
Apr	8.0	7.6	7.0	7.2	7.2	7.8	8.2	8.7	8.7	9.7	10.6	10.5	11.0	10.5	10.8	10.9	10.5
May	7.9	7.6	7.2	7.2	7.5	8.3	7.7	8.6	9.4	9.3	10.6	11.4	11.9	12.1	11.6	11.0	10.5
June ...	8.4	9.6	9.3	9.4	8.7	7.5	7.1	8.4	9.5	9.8	11.2	12.3	9.9	9.2	8.8	8.7	8.6
July	8.0	9.0	9.5	9.8	9.2	8.3	8.0	9.2	9.7	10.7	10.9	9.9	10.7	11.4	11.1	10.2	10.1
Aug	10.1	11.3	10.7	10.0	9.9	10.9	9.9	8.7	9.3	9.4	9.9	9.9	10.1	10.3	9.8	9.3	9.1
Sept	10.8	11.2	10.5	10.1	10.1	10.8	10.6	11.4	11.4	11.9	12.7	11.9	12.6	13.3	13.0	12.7	12.3
Oct.....	12.3	12.5	12.6	12.2	13.0	13.1	12.8	12.5	12.5	13.0	12.5	12.2	13.4	14.2	14.4	14.0	12.6
Nov	13.0	12.7	12.1	12.1	11.6	13.3	13.2	13.4	13.6	13.8	14.2	14.2	14.2	13.6	12.6	12.7	12.7
Dec	11.6	12.2	11.8	11.4	11.4	11.9	11.5	11.4	11.7	11.1	11.4	11.7	12.4	12.5	11.9	11.3	10.3
Year ...	10.5	10.9	10.7	10.6	10.6	10.9	10.8	11.1	11.3	11.4	11.8	11.8	11.9	12.0	11.7	11.4	11.0

MEMPHIS, TENN.

[λ=35° 9′ N.; φ=90° 3′ W.]

Jan.....	10.3	10.8	10.3	11.2	11.1	10.5	10.3	10.5	10.7	11.6	12.6	12.8	12.5	12.9	13.3	13.7	13.0
Feb	10.8	11.2	10.8	11.0	10.9	10.4	9.9	9.9	9.4	10.2	10.5	10.2	10.8	12.0	12.0	12.3	12.3
Mar	15.2	14.7	15.0	15.0	14.3	13.8	13.8	13.8	15.4	17.2	17.0	16.8	17.6	17.2	17.7	17.4	16.9
Apr	10.6	11.0	11.8	11.5	10.7	10.4	10.2	11.2	12.5	12.3	12.3	12.6	12.5	12.2	12.4	12.8	12.9
May	7.0	7.5	7.0	7.1	6.7	6.9	7.5	7.0	7.3	8.0	8.6	9.5	10.7	10.6	10.2	10.1	10.6
June ...	6.4	7.2	6.4	6.2	6.4	6.3	5.8	6.1	6.9	6.7	7.3	7.5	8.0	8.3	7.7	9.1	9.5
July	6.9	6.6	6.6	5.9	6.1	6.0	6.1	6.2	7.0	7.0	7.5	7.9	9.0	8.9	9.6	10.0	10.5
Aug	6.5	7.1	6.6	6.0	5.8	6.0	5.3	5.6	6.2	6.5	7.3	8.5	8.6	9.3	9.6	10.0	9.5
Sept	8.8	9.0	8.0	7.1	6.8	7.0	8.0	8.1	7.6	8.4	8.5	8.7	8.9	9.0	9.2	8.9	9.1
Oct.....	8.1	7.5	7.1	7.3	6.9	6.9	7.5	7.5	7.0	7.5	8.3	8.1	8.9	8.5	8.6	8.5	7.6
Nov	8.9	9.1	9.5	10.0	9.5	9.3	9.0	8.6	8.5	9.5	9.6	9.7	9.7	10.0	10.1	9.9	10.0
Dec	11.3	11.6	10.7	10.8	10.9	11.5	11.2	11.0	10.8	11.7	12.1	11.5	12.0	12.1	12.1	12.0	11.7
Year ...	9.2	9.4	9.2	9.1	8.8	8.8	8.7	8.8	9.1	9.7	10.1	10.3	10.8	10.9	11.0	11.2	11.1

NEW ORLEANS, LA.

[λ=29° 58′ N.; φ=90° 4′ W.]

Jan.....	8.8	8.9	8.2	7.4	7.3	7.3	7.2	7.0	7.5	8.0	8.3	9.8	11.0	10.4	10.5	10.4	10.3
Feb	9.0	8.5	8.7	8.8	9.1	9.1	8.9	9.1	9.6	10.5	10.8	11.1	12.2	11.2	11.1	11.2	10.9
Mar	9.5	9.6	9.5	9.5	9.4	8.9	8.5	8.1	9.4	10.6	12.0	12.7	14.3	14.2	14.1	14.1	14.4
Apr	7.8	6.9	7.3	6.7	7.2	7.4	7.2	7.5	8.8	9.6	10.3	10.4	11.5	12.0	12.2	12.3	12.2
May	7.1	6.5	5.9	5.3	5.1	5.0	5.1	5.1	6.4	8.0	8.8	8.8	9.6	9.7	9.8	10.1	10.5
June ...	6.0	5.3	4.7	4.5	4.6	4.1	4.3	4.8	6.4	7.1	7.4	7.3	8.6	8.4	8.3	8.3	8.4
July	5.6	5.4	5.4	5.0	5.0	4.6	4.6	5.0	6.6	7.2	7.2	7.8	8.0	8.6	9.0	9.1	8.9
Aug	5.4	5.8	6.0	5.7	5.7	5.1	4.9	5.4	6.5	8.1	8.4	8.6	9.8	9.8	9.3	8.8	8.7
Sept	7.0	6.9	6.7	6.8	7.4	7.6	7.6	8.1	9.1	9.8	9.7	9.4	10.0	10.1	10.0	10.3	9.6
Oct.....	6.6	7.0	7.3	7.5	7.6	7.7	7.7	7.9	8.3	8.8	9.3	9.2	9.8	9.8	10.2	9.4	8.6
Nov	6.9	7.6	7.5	7.9	7.7	7.5	7.7	8.0	8.3	9.8	9.8	9.6	10.3	10.0	10.0	10.0	9.4
Dec	9.8	9.4	9.3	9.6	9.5	8.8	9.5	9.4	10.1	10.5	10.9	11.7	12.0	12.6	12.7	12.5	12.2
Year ...	7.5	7.3	7.2	7.1	7.1	6.9	6.9	7.1	8.1	9.0	9.4	9.7	10.6	10.6	10.6	10.5	10.3

WIND—VELOCITY AND FREQUENCY—Continued.

KEY WEST, FLA.

[h_a=50 ft.: local time, 27m slow.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1901.
11.1	11.5	11.6	11.6	11.4	11.9	11.9	11.9	36	126	288	93	110	30	8	12	77	0	Jan.
11.0	10.2	10.1	10.5	11.0	10.9	10.4	11.4	48	135	204	101	126	32	8	4	57	5	Feb.
11.5	11.1	10.4	12.0	11.6	11.1	10.8	11.5	48	94	163	130	199	36	10	9	103	0	Mar.
11.0	12.1	12.1	11.7	12.1	11.8	11.5	12.2	35	92	149	104	84	15	38	17	221	0	Apr.
7.4	7.1	6.2	6.1	5.9	5.8	5.5	6.6	31	167	65	110	128	41	80	64	79	10	May.
8.3	8.3	7.8	8.2	7.6	7.6	7.5	7.8	35	12	100	280	197	119	7	2	3	0	June.
9.0	9.0	8.0	7.9	8.0	7.6	7.5	8.2	26	14	115	366	227	21	0	0	0	1	July.
7.0	7.0	7.0	6.9	7.4	7.4	6.9	7.2	36	37	108	175	237	80	24	19	63	1	Aug.
7.4	7.5	7.7	7.7	8.1	8.3	8.0	8.4	35	20	170	243	217	54	1	0	15	0	Sept.
13.7	14.1	14.5	15.1	15.3	16.1	15.1	14.8	35	79	515	51	59	4	1	13	22	0	Oct.
10.5	10.7	11.0	11.2	11.0	10.8	10.7	11.8	32	175	399	21	41	6	15	2	61	0	Nov.
10.9	11.1	11.0	10.7	10.8	10.5	10.6	10.8	34	97	283	166	79	14	12	16	77	0	Dec.
9.9	10.0	9.8	10.0	10.0	10.0	9.7	10.2	48	1,048	2,559	1,840	1,704	452	204	158	778	17	Year.

MARQUETTE, MICH.

[h_a=116 ft.: local time, 50m slow.]

11.7	11.6	12.9	13.6	13.4	13.5	13.8	13.4	43	14	19	14	64	94	124	183	232	0	Jan.
10.4	9.1	9.3	9.5	9.5	9.8	10.2	10.8	36	13	15	28	53	27	97	224	211	4	Feb.
12.4	11.1	10.7	11.4	11.1	10.8	11.2	12.4	62	62	196	58	41	22	65	117	182	1	Mar.
9.0	8.2	7.8	7.7	7.7	8.6	8.3	8.8	38	52	38	51	72	60	59	77	306	5	Apr.
9.5	8.2	7.5	7.3	8.6	9.7	9.0	9.2	32	79	59	62	69	32	44	45	349	5	May.
8.5	8.7	7.2	6.2	6.5	6.9	7.4	8.7	44	58	48	86	146	69	112	60	136	5	June.
8.9	7.6	6.3	5.1	6.4	7.4	7.7	9.0	68	51	60	70	97	68	122	81	190	5	July.
8.5	6.7	5.4	5.4	7.1	9.0	9.9	9.2	33	84	47	64	76	68	135	120	145	5	Aug.
12.2	11.1	11.3	10.8	10.7	10.7	10.4	11.4	43	62	70	49	84	63	150	108	133	1	Sept.
11.3	10.5	10.3	11.4	12.8	12.7	12.2	12.6	42	57	48	9	46	91	154	148	190	1	Oct.
11.6	11.9	12.7	12.5	12.8	12.4	12.9	12.9	41	37	31	5	41	101	90	153	262	0	Nov.
10.6	11.2	12.6	12.9	13.2	12.8	11.9	11.8	39	15	10	1	47	127	121	194	227	2	Dec.
10.4	9.7	9.5	9.5	10.0	10.4	10.4	10.8	68	584	641	497	836	822	1,273	1,510	2,563	34	Year.

MEMPHIS, TENN.

[h_a=154 ft.; local time, 1h slow.]

11.9	10.2	9.7	9.8	10.3	10.5	10.1	11.3	42	96	60	34	81	153	136	30	154	0	Jan.
11.6	10.2	9.9	9.8	10.8	10.6	10.1	10.7	48	124	112	32	36	56	119	42	151	0	Feb.
17.1	15.7	14.9	14.2	14.8	14.7	14.9	15.6	75	41	63	16	73	189	112	88	162	0	Mar.
12.3	11.6	10.8	9.7	9.8	9.4	9.7	11.4	52	117	164	72	102	47	50	50	116	2	Apr.
10.1	8.6	6.7	6.6	6.7	7.2	6.8	8.1	47	107	96	33	69	77	145	48	167	2	May.
9.7	9.2	7.5	7.2	6.3	6.5	6.4	7.3	48	60	68	45	50	159	182	71	73	12	June.
10.0	8.2	7.0	6.2	6.4	6.3	5.9	7.4	34	67	64	22	57	150	186	51	140	7	July.
9.6	8.8	7.3	6.9	7.2	7.7	7.3	7.5	39	91	130	85	76	98	140	40	79	5	Aug.
8.6	6.9	6.9	7.3	8.2	8.7	9.2	8.2	35	60	149	136	112	92	71	25	64	11	Sept.
6.8	6.1	7.0	7.3	7.6	8.1	8.1	7.6	26	79	87	58	128	100	107	60	116	9	Oct.
8.2	7.1	8.3	8.6	8.2	8.7	9.5	9.1	36	111	103	31	68	134	87	30	149	7	Nov.
10.5	10.7	9.7	10.0	10.1	9.9	10.8	11.1	40	120	70	39	149	134	58	12	162	0	Dec.
10.5	9.4	8.8	8.6	8.9	9.0	9.1	9.6	75	1,073	1,166	603	1,001	1,389	1,393	547	1,533	55	Year.

NEW ORLEANS, LA.

[h_a=121 ft.; local time, 1h slow.]

9.8	8.6	7.9	8.5	8.5	8.2	8.7	8.7	30	173	96	49	87	108	106	48	72	5	Jan.
10.1	9.5	9.4	9.3	9.1	9.5	9.1	9.8	30	171	165	31	87	72	68	20	54	4	Feb.
13.6	11.8	10.8	10.4	10.8	10.8	9.5	11.1	39	102	44	16	131	169	92	58	128	4	Mar.
11.7	11.0	10.0	9.6	8.8	8.9	8.2	9.4	44	93	102	52	108	85	51	56	163	10	Apr.
9.8	9.7	9.1	8.1	8.6	7.4	7.4	7.8	26	75	32	9	54	178	199	102	87	8	May.
8.7	8.8	7.9	6.7	6.5	6.4	5.8	6.6	35	62	112	63	209	159	41	31	40	3	June.
7.6	7.5	6.0	5.5	5.6	5.6	5.5	6.5	29	52	112	36	156	113	115	76	77	7	July.
9.0	8.4	7.7	6.5	6.5	6.2	5.6	7.2	49	63	100	23	113	114	145	107	76	3	Aug.
8.4	8.2	7.5	6.8	7.3	7.0	7.5	8.3	24	58	304	56	154	85	41	10	8	4	Sept.
7.1	5.7	5.5	5.3	5.4	5.5	6.0	7.6	25	130	324	62	88	20	7	21	73	19	Oct.
7.7	7.0	7.4	7.0	7.2	6.7	6.6	8.2	34	134	231	29	143	41	49	18	69	6	Nov.
11.1	10.1	10.2	10.3	10.6	11.0	10.3	10.6	36	127	142	23	157	76	76	39	104	0	Dec.
9.6	8.9	8.3	7.8	7.9	7.8	7.5	8.5	49	1,240	1,764	449	1,487	1,220	990	586	951	73	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

NEW YORK, N. Y.

[λ=40° 43′ N.; φ=74° W. [Seventy-fifth Meridian Time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.....	16.6	16.7	16.5	16.0	15.9	15.9	16.7	16.4	16.4	17.0	18.8	19.2	19.6	20.3	20.0	21.1	19.4
Feb	22.4	21.9	22.5	21.7	21.4	19.6	19.4	19.9	22.4	22.9	23.4	23.7	25.0	25.8	27.0	25.6	25.2
Mar	18.8	17.1	16.6	16.3	16.5	16.7	16.2	16.9	17.4	17.2	17.5	17.3	17.7	18.2	18.8	19.3	20.1
Apr	16.1	15.3	16.2	17.1	17.1	17.1	16.3	18.0	18.3	17.1	18.0	18.2	18.7	18.7	18.9	17.9	18.5
May	11.3	10.2	10.2	10.8	11.0	11.5	12.2	12.3	12.7	13.1	14.3	14.6	14.6	14.9	15.0	15.6	15.1
June ...	8.6	8.6	9.0	8.8	8.7	8.9	8.7	9.0	8.7	10.0	10.4	11.3	12.3	13.1	13.9	14.3	13.8
July....	8.8	9.5	8.5	8.4	8.1	8.1	8.1	8.4	9.4	9.5	8.5	8.4	8.8	10.0	9.8	10.2	10.4
Aug	8.7	8.3	7.9	7.8	8.2	7.7	7.5	7.6	8.3	8.8	9.5	9.1	10.2	10.4	10.6	11.2	10.9
Sept....	9.2	9.4	8.9	8.6	8.7	8.8	8.6	9.5	10.0	10.6	10.4	10.8	10.5	10.5	9.7	10.5	11.2
Oct.....	11.9	11.4	10.5	10.4	10.7	11.1	10.8	11.7	12.1	12.4	13.5	13.6	14.2	14.1	14.9	15.2	13.8
Nov	16.4	16.5	16.6	16.0	17.1	17.3	17.5	17.4	18.7	20.7	21.6	20.6	21.1	20.9	20.7	20.9	20.3
Dec	15.4	15.6	14.6	14.8	15.6	14.8	14.2	14.5	15.4	15.5	17.1	16.5	17.4	17.0	16.3	16.0	16.0
Year ...	13.7	13.4	13.2	13.1	13.2	13.1	13.0	13.5	14.2	14.6	15.2	15.3	15.8	16.2	16.3	16.5	16.2

PHILADELPHIA, PA.

[λ=39° 57′ N.; φ= 75° 9′ W.]

Jan.....	9.9	9.8	9.9	9.5	10.0	10.4	10.3	10.2	11.1	12.2	12.9	13.2	14.0	13.2	13.6	12.5	11.7
Feb	12.7	12.0	12.2	12.1	11.7	11.5	11.7	11.5	12.5	13.6	14.5	14.6	15.1	15.0	14.8	14.6	13.9
Mar	12.4	11.7	11.6	11.1	11.8	11.3	11.6	11.9	12.7	12.9	12.7	13.0	14.4	15.5	15.6	16.0	16.2
Apr	12.7	12.6	13.1	13.5	13.1	12.8	13.4	14.4	15.2	15.2	15.0	15.5	16.5	16.3	16.0	15.7	15.3
May	8.8	8.3	7.9	8.4	8.4	8.6	9.6	10.0	11.2	11.3	12.2	12.3	13.4	13.1	13.1	13.6	13.7
June ...	7.1	6.9	7.0	7.0	6.5	6.4	7.7	8.6	8.8	9.4	9.6	10.8	11.2	11.5	11.7	11.3	11.1
July....	7.8	7.4	7.6	7.2	7.2	7.5	7.9	8.6	9.9	9.9	9.7	10.6	11.5	11.5	12.1	12.3	12.1
Aug	6.5	6.4	6.4	6.3	6.7	7.1	7.9	8.8	9.2	9.2	9.0	9.9	9.9	10.7	10.6	11.0	11.2
Sept....	6.3	6.7	6.3	7.1	7.2	7.3	8.0	8.5	9.5	9.5	9.7	10.0	10.7	10.8	10.3	10.5	9.8
Oct.....	8.3	8.0	8.0	7.8	7.8	7.8	8.4	9.5	10.1	11.0	11.5	11.2	11.6	11.6	11.6	11.5	10.7
Nov	11.3	10.8	11.1	11.4	10.7	11.2	11.8	12.0	13.5	14.3	14.0	14.4	14.7	14.4	14.2	13.5	12.9
Dec	11.5	10.8	10.5	9.8	9.8	10.3	10.7	10.9	11.6	12.6	13.2	13.4	13.0	12.6	12.3	11.9	11.5
Year ...	9.6	9.3	9.3	9.3	9.2	9.4	9.9	10.4	11.2	11.8	12.0	12.4	13.0	13.0	13.0	12.9	12.5

PITTSBURG, PA.

[λ=40° 32′ N.; φ=80° 2′ W.] [Seventy-fifth Meridian Time.]

Jan.....	7.9	7.2	7.8	7.6	7.5	7.8	7.5	7.9	7.6	7.6	8.1	8.4	8.7	8.7	8.6	8.3	8.0
Feb	8.0	7.9	7.7	7.9	7.8	7.9	8.0	8.1	8.3	9.2	9.9	9.9	10.7	10.5	10.6	10.3	9.9
Mar	6.5	6.7	5.9	6.5	6.8	6.7	7.3	7.1	8.0	9.4	9.7	9.7	10.0	10.0	9.8	9.5	8.7
Apr	5.7	5.3	5.2	5.2	5.0	5.0	5.2	5.7	5.9	6.5	7.1	7.6	7.3	7.5	7.8	7.7	7.6
May	3.7	4.1	4.1	4.4	4.1	4.1	5.1	5.3	5.6	5.5	6.2	7.2	7.7	8.0	7.8	7.6	7.2
June ...	3.5	3.3	3.3	3.2	4.1	3.5	4.1	4.6	5.1	5.4	6.0	6.8	8.0	7.6	8.1	7.3	7.5
July....	4.6	4.1	4.1	3.8	3.8	4.1	4.3	4.3	5.0	5.5	5.9	6.2	6.5	7.2	7.0	6.6	6.7
Aug	3.4	3.4	3.2	3.3	3.4	3.4	3.8	4.1	5.0	5.2	5.8	5.7	6.2	6.7	6.4	6.2	5.5
Sept....	3.8	4.0	3.8	3.8	3.5	3.6	3.6	3.9	4.7	5.1	5.9	6.1	6.7	6.7	6.8	6.8	6.4
Oct.....	4.5	4.3	3.9	3.8	4.2	4.1	4.2	4.3	4.6	5.4	6.2	7.1	7.8	7.5	7.6	7.3	7.0
Nov	7.0	6.8	6.7	6.6	6.6	6.7	6.9	6.7	6.8	6.8	7.7	7.9	8.2	8.0	7.7	7.4	7.1
Dec.....	6.4	6.3	6.2	6.2	6.5	6.6	6.5	6.3	6.4	6.7	7.2	6.6	7.5	7.2	7.2	6.5	5.9
Year ...	5.4	5.3	5.2	5.2	5.3	5.3	5.5	5.7	6.1	6.5	7.1	7.4	7.9	8.0	8.0	7.6	7.3

PORTLAND, OREG.

[λ=45° 32′ N.; φ=122° 43′ W.]

Jan.....	9.4	9.4	8.6	9.0	9.2	8.7	8.6	8.5	9.5	9.5	9.1	8.7	9.4	10.5	11.7	11.4	10.9
Feb	8.4	8.3	8.9	8.5	8.4	9.2	9.1	8.1	8.6	8.9	9.8	9.9	11.0	11.1	11.5	12.1	12.8
Mar	7.6	8.2	8.4	8.7	8.7	8.3	8.2	7.5	8.1	7.1	7.5	9.1	9.3	10.1	9.9	10.6	11.2
Apr	8.6	8.2	7.5	7.9	7.5	7.5	8.3	8.5	8.8	8.2	8.8	9.9	10.2	10.6	11.3	10.9	10.4
May	8.2	7.1	7.6	7.4	6.5	6.5	7.1	6.7	6.8	7.8	8.7	8.6	9.0	9.8	9.3	8.9	9.2
June ...	8.1	7.4	5.5	5.5	5.6	5.8	5.9	5.5	5.9	6.6	7.4	7.2	7.4	7.1	7.5	7.7	8.5
July....	10.4	8.6	7.8	6.0	6.0	6.4	6.1	5.3	5.6	6.2	7.6	7.8	7.9	7.8	7.5	7.8	8.3
Aug	11.2	9.0	7.6	6.5	6.1	5.8	6.1	5.7	5.5	5.6	6.8	7.4	8.2	8.3	8.4	8.5	9.0
Sept....	7.9	8.4	7.7	6.5	6.8	7.4	6.7	7.0	7.2	7.5	7.6	8.0	9.4	9.5	10.3	10.8	10.5
Oct.....	6.8	6.6	6.6	6.7	6.4	7.1	7.2	6.9	6.7	7.0	6.4	6.6	7.0	7.1	7.0	7.4	8.0
Nov	8.0	8.5	8.0	8.6	8.7	8.5	8.9	8.9	8.8	8.7	8.7	8.8	8.7	8.9	9.5	9.2	8.5
Dec.....	9.5	8.6	9.1	8.6	8.2	7.5	6.9	6.7	7.2	6.9	7.0	7.0	7.7	8.5	9.0	8.8	8.8
Year ...	8.7	8.2	7.8	7.5	7.3	7.4	7.4	7.1	7.4	7.5	8.0	8.2	8.8	9.1	9.4	9.5	9.7

WIND—VELOCITY AND FREQUENCY—Continued.

NEW YORK, N. Y.

[h_s=350 ft.; local time, 4m fast.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1901.
18.7	18.4	17.7	17.0	17.0	17.2	16.7	17.7	72	53	99	26	19	32	93	115	307	0	Jan.
23.2	22.5	21.7	21.8	21.6	20.4	20.9	22.6	70	15	14	8	5	9	53	158	410	0	Feb.
19.9	19.8	20.0	19.7	19.3	19.0	19.5	18.2	62	34	96	78	61	48	98	88	241	0	Mar.
18.6	18.0	17.3	16.2	15.9	16.0	15.8	17.3	52	102	197	102	84	21	32	9	173	0	Apr.
14.5	14.5	14.0	14.6	14.1	12.3	11.0	13.1	62	28	165	70	152	93	101	49	86	0	May.
13.6	12.3	11.3	11.4	10.8	10.9	9.3	10.7	40	16	46	40	116	150	140	92	120	0	June.
10.5	9.7	9.7	9.2	8.7	8.3	8.8	9.1	66	37	107	88	78	84	208	80	62	0	July.
10.4	10.3	10.1	9.7	9.6	9.0	8.6	9.2	39	58	118	80	145	98	165	47	93	0	Aug.
10.6	9.9	10.4	10.8	10.1	10.2	8.9	9.9	40	77	88	41	60	117	110	104	123	0	Sept.
12.8	11.9	13.1	13.2	13.5	12.9	12.8	12.6	59	40	54	34	76	76	183	64	217	0	Oct.
20.2	19.4	17.9	18.3	18.0	17.5	16.9	18.7	72	58	51	16	10	18	80	124	363	0	Nov.
16.5	17.2	17.3	17.3	17.5	16.7	16.3	16.1	66	93	68	41	68	82	112	92	188	0	Dec.
15.8	15.3	15.0	14.9	14.7	14.2	13.8	14.6	72	611	1,103	624	874	828	1,315	1,022	2,383	0	Year.

PHILADELPHIA, PA.

[h_s=184 ft.; local time, 1m slow.]

10.8	10.7	10.6	10.6	10.0	9.4	9.7	11.1	41	109	91	32	28	35	133	47	269	0	Jan.
12.2	12.6	12.0	11.6	11.8	12.4	12.2	12.9	42	34	14	25	10	10	65	72	442	0	Feb.
14.6	13.3	12.5	12.1	12.7	12.7	12.5	13.0	36	51	115	87	35	36	138	46	236	0	Mar.
14.3	14.4	13.5	13.4	12.6	12.6	12.2	14.1	39	149	168	107	62	19	51	20	144	0	Apr.
13.3	12.4	11.9	10.8	9.9	9.5	8.6	10.8	36	27	155	107	74	79	127	74	101	0	May.
11.9	11.3	9.9	9.7	8.3	8.5	8.1	9.2	34	26	51	57	63	112	179	92	140	0	June.
11.3	10.8	9.6	9.1	8.3	7.7	7.7	9.4	34	34	108	74	66	84	228	93	57	0	July.
10.2	9.6	8.5	7.7	7.4	6.9	6.5	8.5	33	61	108	153	79	95	162	33	53	0	Aug.
8.7	8.1	7.8	7.4	7.2	7.3	6.6	8.4	28	124	111	69	68	61	109	78	99	1	Sept.
9.7	9.2	8.5	8.7	8.8	8.1	7.6	9.5	30	84	57	44	73	82	146	114	143	1	Oct.
11.6	12.1	11.5	11.2	11.0	11.4	10.8	12.3	48	101	60	10	6	37	75	88	343	0	Nov.
11.0	11.5	11.4	11.7	12.0	11.6	11.6	11.6	41	118	81	40	53	103	102	31	216	0	Dec.
11.6	11.3	10.6	10.3	10.0	9.8	9.5	10.9	48	918	1,119	805	617	753	1,515	788	2,243	2	Year.

PITTSBURG, PA.

[h_s=123 ft.; local time, 20m slow.] [Seventy-fifth Meridian Time.]

8.0	7.0	6.8	7.0	7.3	7.3	7.2	7.7	26	50	27	35	49	54	140	71	318	0	Jan.
9.4	8.8	8.2	7.9	7.9	8.2	7.7	8.8	27	7	10	20	54	12	75	111	383	0	Feb.
8.3	7.7	7.2	6.7	6.9	6.7	6.4	7.8	26	34	28	35	99	42	160	77	269	0	Mar.
7.2	6.7	6.0	6.3	6.0	5.8	5.5	6.3	20	127	45	60	103	23	19	14	329	0	Apr.
6.9	6.5	5.2	5.5	4.7	4.4	4.2	5.6	26	122	31	41	115	31	96	66	242	0	May.
6.3	5.7	5.1	4.7	3.9	4.0	3.8	5.2	30	90	35	66	73	47	173	75	158	3	June.
6.3	5.5	5.0	4.8	4.8	4.8	4.8	5.2	20	63	29	39	63	21	173	135	219	2	July.
5.9	4.8	4.8	4.5	4.4	3.8	3.5	4.7	30	93	55	58	113	74	143	60	135	13	Aug.
5.5	4.9	4.6	4.4	4.3	4.0	3.8	4.9	20	108	74	28	101	48	102	55	195	9	Sept.
6.1	5.2	5.2	5.4	5.0	5.1	4.7	5.4	26	103	74	16	39	64	142	74	226	6	Oct.
6.7	7.5	7.2	7.0	6.8	7.1	7.2	7.1	24	44	26	10	48	28	85	99	380	0	Nov.
6.2	5.7	6.0	6.1	5.9	5.8	6.3	6.4	29	100	33	12	108	97	94	70	227	3	Dec.
6.9	6.3	5.9	5.9	5.7	5.6	5.4	6.3	30	941	467	420	965	541	1,402	907	3,081	36	Year.

PORTLAND, OREG.

[h_s=213 ft.; local time, 3h 11m slow.]

10.4	9.6	9.1	8.3	8.0	7.8	9.8	9.4	52	26	30	61	188	207	41	34	155	2	Jan.
12.0	12.2	9.8	9.2	8.6	8.0	8.2	9.7	41	28	113	62	103	117	61	47	140	1	Feb.
10.4	10.2	10.3	8.8	6.5	6.6	7.1	8.7	34	28	24	19	116	169	112	99	172	5	Mar.
10.5	10.6	11.1	11.1	9.8	9.0	9.5	9.4	44	26	11	8	116	154	91	61	246	7	Apr.
9.4	8.7	8.6	8.5	9.3	9.4	8.2	8.2	30	34	21	28	157	100	72	48	281	3	May.
8.5	9.7	10.2	10.7	9.8	9.6	9.4	7.6	28	33	12	13	61	97	95	96	306	7	June.
8.2	8.9	9.5	10.0	10.6	9.6	9.9	7.9	27	39	11	9	84	55	45	38	458	5	July.
9.5	10.5	10.7	10.7	11.3	12.5	12.3	8.5	27	39	4	9	61	38	15	16	554	8	Aug.
9.7	9.7	9.9	9.4	8.8	8.4	8.5	8.5	42	30	41	18	96	135	41	41	313	5	Sept.
7.5	7.3	6.9	6.9	7.7	7.5	7.3	7.0	36	10	12	12	132	120	44	112	289	13	Oct.
7.7	7.4	7.5	7.0	6.6	6.6	7.8	8.3	44	15	33	45	179	191	64	103	88	2	Nov.
8.5	8.3	9.0	8.9	9.0	8.5	8.9	8.2	44	16	13	41	200	169	63	71	170	1	Dec.
9.4	9.4	9.4	9.1	8.8	8.6	8.9	8.4	52	324	325	325	1,493	1,552	744	766	3,172	59	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

ST. LOUIS, MO.

[λ=38° 38′ N.; φ=90° 12′ W.] [Seventy-fifth Meridian Time.]

1900.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.....	11.0	10.8	9.7	9.5	9.7	9.8	10.1	10.9	10.9	11.1	11.5	11.6	12.2	12.7	12.9	12.8	12.2
Feb	10.5	10.2	10.6	10.5	10.7	10.3	9.5	9.8	9.9	9.9	10.2	10.4	12.1	12.9	13.2	13.1	12.9
Mar	12.8	12.7	12.5	12.8	12.0	12.0	12.3	12.4	12.4	13.9	15.0	15.5	16.1	16.7	17.0	16.5	17.2
Apr	9.7	9.4	9.4	9.5	9.2	8.7	8.7	9.5	10.0	10.6	11.4	11.6	11.8	12.1	12.6	12.6	12.7
May	7.9	8.5	8.6	9.0	8.5	7.9	8.5	9.3	9.6	9.9	10.7	10.9	11.3	11.8	12.3	12.3	12.7
June ...	8.3	8.1	7.9	7.9	8.1	7.8	7.1	7.6	8.4	9.7	10.2	10.7	10.7	10.6	10.5	10.9	11.0
July....	7.4	7.2	7.2	7.1	7.2	7.3	7.2	7.6	8.2	8.4	8.8	8.1	8.8	8.8	8.9	9.6	10.0
Aug	6.3	6.8	6.8	6.5	6.8	7.0	6.2	6.4	6.7	7.0	7.5	7.9	8.4	8.8	8.8	9.1	9.5
Sept	5.4	5.4	5.2	4.6	4.9	4.8	4.8	4.7	5.2	5.9	7.1	7.9	8.2	8.2	8.2	8.1	8.4
Oct.....	6.5	6.9	6.9	6.9	6.7	6.5	6.7	7.3	7.8	8.4	8.6	9.4	10.1	9.9	10.1	9.6	9.4
Nov	8.5	8.2	7.9	8.1	8.4	8.5	9.1	9.8	9.6	10.5	10.4	10.8	11.3	10.9	10.7	10.7	10.4
Dec.....	10.1	9.9	10.2	9.7	9.2	9.1	9.2	9.8	10.2	10.4	10.9	10.4	10.7	10.6	11.0	11.3	10.6
Year ...	8.7	8.7	8.6	8.5	8.4	8.3	8.3	8.8	9.1	9.6	10.2	10.4	11.0	11.2	11.4	11.4	11.4

ST. PAUL, MINN.

[λ=44° 53′ N.; φ=93° 3′ W.]

Jan.....	8.3	7.9	7.8	7.7	7.8	7.7	7.6	7.9	8.0	7.9	8.9	9.6	10.5	11.4	11.4	11.1	10.7
Feb	8.4	7.5	7.7	7.4	7.8	7.6	7.5	7.5	8.0	8.5	9.1	9.3	9.9	10.1	10.6	11.0	11.4
Mar	9.0	8.4	8.3	8.0	8.3	8.6	8.8	9.1	9.8	10.1	10.8	11.5	12.4	12.3	12.3	11.6	11.8
Apr	5.4	5.1	4.9	5.2	5.1	5.4	5.7	6.1	6.4	6.6	7.8	8.6	9.2	9.1	9.5	9.9	10.1
May	5.7	5.3	5.3	5.1	5.0	5.2	5.5	6.0	6.8	8.2	8.9	9.4	9.9	9.7	10.0	10.2	10.1
June ...	5.4	5.8	6.1	5.5	5.5	5.4	5.5	5.9	7.3	8.0	8.6	9.6	10.2	11.1	10.9	10.7	10.4
July....	5.8	5.5	5.2	5.0	5.3	5.4	5.8	6.4	7.0	7.9	8.4	8.6	8.9	9.1	9.1	9.6	9.8
Aug	4.7	4.6	3.9	4.7	4.4	4.5	4.5	4.8	5.3	5.8	6.7	7.5	7.9	8.5	8.4	8.5	7.6
Sept	6.1	5.9	6.0	6.6	6.6	7.2	7.2	6.8	7.7	8.3	8.7	9.2	9.6	10.1	10.5	10.3	10.1
Oct.....	6.9	6.3	6.3	6.5	6.3	6.2	6.5	6.8	7.3	8.3	8.8	9.2	9.7	10.0	10.0	10.1	9.6
Nov	7.6	8.0	7.7	7.2	7.9	7.7	7.9	8.4	8.5	9.3	9.6	10.0	10.2	10.2	10.7	10.5	10.1
Dec.....	6.7	6.6	6.6	6.7	7.2	7.7	7.8	7.4	8.0	7.8	8.2	8.8	9.4	9.4	9.1	9.0	8.9
Year ...	6.7	6.4	6.3	6.3	6.4	6.6	6.7	6.9	7.5	8.1	8.7	9.3	9.8	10.1	10.2	10.2	10.0

SALT LAKE CITY, UTAH.

[λ=40° 46′ N.; φ=111° 54′ W.]

Jan.....	4.1	3.6	4.2	4.1	4.5	4.0	4.4	5.0	4.7	4.6	4.5	4.5	5.2	6.3	6.6	7.2	8.2
Feb	3.0	2.6	3.1	3.0	2.5	2.9	2.9	2.8	2.6	2.5	2.8	3.3	4.1	5.5	7.1	7.0	7.0
Mar	4.3	4.1	4.1	3.9	4.3	4.2	3.6	3.7	3.6	4.1	5.5	6.6	8.3	9.5	9.2	10.6	10.4
Apr	5.5	5.5	6.0	5.5	5.4	5.0	5.5	5.7	4.9	5.5	7.3	9.4	11.2	11.9	11.6	11.1	11.6
May	6.2	5.7	5.2	5.0	4.9	4.8	4.9	5.1	4.9	5.5	7.0	8.1	8.8	9.6	10.5	10.3	11.2
June ...	6.4	5.3	4.1	3.9	3.7	3.9	4.4	4.3	2.9	3.2	4.3	6.0	7.5	9.2	10.8	11.6	11.2
July....	6.4	5.0	4.7	4.9	5.2	4.8	4.4	4.2	3.5	3.5	3.8	5.0	5.5	6.4	7.2	7.8	9.8
Aug	5.3	4.9	5.2	4.4	4.3	4.3	4.5	4.2	3.6	3.5	4.0	4.8	6.2	7.5	8.0	8.1	8.5
Sept	5.5	4.9	4.9	4.6	4.8	5.3	5.5	4.9	4.5	3.8	4.2	5.9	8.3	9.5	10.5	10.6	11.3
Oct.....	3.8	3.8	3.7	3.3	3.7	3.5	3.5	3.5	3.6	3.4	2.7	3.7	5.3	7.2	7.9	9.0	9.6
Nov	4.2	4.4	4.5	4.1	4.2	4.3	4.0	4.1	4.4	4.4	4.0	3.8	4.7	5.8	7.1	7.2	7.8
Dec	4.4	4.6	4.8	4.5	3.9	3.5	4.0	3.9	3.5	3.1	3.1	3.5	4.8	5.9	6.5	7.5	6.8
Year ...	4.9	4.5	4.5	4.3	4.3	4.2	4.3	4.3	3.9	3.9	4.4	5.4	6.7	7.9	8.6	9.0	9.4

SAN DIEGO, CAL.

[λ=32° 43′ N.; φ=117° 10′ W.]

Jan.....	4.0	4.4	4.8	5.1	5.5	5.2	5.2	4.8	4.8	5.2	4.6	4.3	4.6	4.8	6.0	7.5	7.9
Feb	4.9	5.5	5.4	5.0	5.0	4.6	4.8	5.3	5.6	5.4	5.4	4.6	5.9	6.7	8.2	9.4	10.0
Mar	3.9	4.3	4.5	4.8	4.7	4.9	4.6	5.3	5.2	4.8	4.5	4.6	6.2	7.5	8.9	10.5	10.5
Apr	3.5	4.0	4.2	4.3	4.5	4.4	4.2	4.5	4.0	4.0	4.0	4.5	6.4	8.5	9.8	10.5	10.6
May	4.1	4.3	3.9	3.8	4.1	4.2	4.5	4.7	4.7	4.3	4.5	6.1	7.8	8.5	9.3	10.0	10.2
June ...	3.1	2.8	3.0	3.1	3.1	3.0	3.4	3.7	3.3	3.9	4.6	5.9	7.9	9.6	10.4	10.7	10.2
July....	3.3	2.7	2.4	2.1	2.3	2.4	2.3	2.2	2.5	2.8	3.3	5.1	7.5	8.5	9.4	9.9	10.0
Aug	3.4	2.8	3.0	2.8	2.7	2.4	2.5	2.8	2.8	3.2	3.5	5.3	8.4	9.7	10.6	11.0	11.2
Sept	2.9	2.8	2.6	2.7	2.7	2.9	3.0	3.1	3.4	3.5	3.8	4.6	6.8	8.8	10.2	11.1	11.1
Oct.....	3.4	3.5	3.6	3.2	3.6	3.0	3.2	3.0	2.9	2.7	3.2	3.8	6.2	7.7	9.7	10.6	9.9
Nov	2.8	3.2	2.8	2.9	3.7	3.4	2.9	3.0	3.0	3.2	2.6	2.6	3.8	5.6	7.3	8.6	9.8
Dec	3.4	3.8	4.1	4.1	3.5	4.2	4.1	3.9	4.3	4.4	3.9	2.4	3.1	4.1	6.3	7.9	8.8
Year ...	3.6	3.7	3.7	3.7	3.8	3.7	3.7	3.9	3.9	4.0	4.0	4.5	6.2	7.5	8.8	9.8	10.0

WIND—VELOCITY AND FREQUENCY—Continued.

ST. LOUIS, MO.

[h_a=210 ft.; local time, 1h 1m slow.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1901.
10.9	10.3	10.5	11.1	11.3	11.5	11.2	11.1	37	63	48	26	80	191	45	157	134	0	Jan.
12.4	11.4	10.5	10.8	10.3	10.6	10.0	10.9	45	[1]56	[1]24	[1]62	[1]41	[1]38	[1]10	[1]87	[1]85	[1]0	Feb.
15.6	14.8	13.5	12.8	13.2	12.7	12.3	14.0	53	52	26	41	53	202	82	174	114	0	Mar.
12.8	12.0	11.4	10.3	10.0	9.7	9.9	10.6	43	161	104	155	110	47	16	43	84	0	Apr.
12.3	11.1	10.1	9.4	8.8	8.5	8.2	9.9	39	137	126	60	42	94	60	148	76	1	May.
10.8	10.9	9.6	8.9	8.5	8.8	9.2	9.3	45	50	51	57	49	276	110	74	52	1	June.
9.4	9.8	8.4	7.8	7.2	7.7	7.9	8.2	33	80	75	114	60	223	77	72	40	3	July.
9.6	9.0	8.4	8.2	7.8	7.2	6.8	7.6	30	157	193	79	62	124	34	40	52	3	Aug.
8.5	6.8	6.8	6.2	6.3	6.2	5.7	6.4	45	66	80	50	77	266	44	54	56	27	Sept.
9.2	8.1	7.9	7.5	7.0	6.7	6.7	8.0	27	122	55	36	44	259	68	79	68	13	Oct.
9.5	8.6	8.6	9.2	9.3	9.4	9.1	9.5	36	117	32	23	60	193	45	68	168	14	Nov.
10.9	10.8	11.0	10.7	10.5	10.7	10.1	10.3	27	102	24	35	72	224	51	85	151	0	Dec.
11.0	10.3	9.7	9.4	9.2	9.1	8.9	9.6	53	1,163	838	738	750	2,137	642	1,081	1,080	62	Year.

[1] For 403 hours.

ST. PAUL, MINN.

[h_a=124 ft.; local time, 1h 12m slow.]

10.4	9.2	8.1	8.4	8.4	8.4	8.2	8.9	34	71	22	14	161	69	62	62	280	3	Jan.
10.9	9.4	8.1	7.9	7.8	7.9	8.4	8.7	26	33	5	14	105	58	50	86	312	9	Feb.
10.8	10.1	8.9	9.1	8.5	9.0	8.6	9.8	38	167	132	57	83	19	42	58	183	3	Mar.
10.0	9.2	8.2	7.0	6.5	6.2	5.7	7.2	30	90	79	82	239	42	35	12	126	15	Apr.
10.2	9.6	8.4	7.1	6.4	6.3	5.9	7.5	30	105	157	73	110	53	48	34	155	9	May.
10.0	9.5	8.9	7.5	7.1	6.4	6.0	7.8	56	26	22	47	198	169	82	90	73	13	June.
9.1	8.4	8.0	6.4	6.0	5.6	5.7	7.2	36	88	62	102	157	118	71	29	114	3	July.
7.6	6.8	6.2	6.4	5.5	5.5	5.0	6.1	23	104	34	22	164	134	89	45	135	17	Aug.
8.6	7.2	6.3	6.6	6.3	6.6	6.6	7.7	34	72	63	62	118	144	88	62	96	15	Sept.
8.5	7.0	6.1	6.9	7.0	7.2	7.2	7.7	25	66	4	14	88	136	173	66	187	10	Oct.
8.3	8.0	7.9	7.8	7.8	8.0	7.8	8.6	31	78	21	37	101	163	40	35	232	13	Nov.
8.1	7.7	8.0	7.9	7.4	7.4	7.4	7.9	30	85	10	11	109	122	55	89	260	3	Dec.
9.4	8.5	7.8	7.4	7.1	7.0	6.9	7.9	56	985	611	535	1,633	1,227	835	668	2,153	113	Year.

SALT LAKE CITY, UTAH.

[h_a=110 ft.; local time, 2h 28m slow.]

7.5	6.9	5.3	3.9	3.5	3.8	3.9	5.0	40	52	15	34	217	141	64	103	95	23	Jan.
6.5	6.4	4.9	4.4	3.4	2.9	2.6	4.0	21	71	36	42	121	83	66	99	122	32	Feb.
9.9	8.8	7.4	5.9	5.5	5.2	5.0	6.2	32	90	67	37	172	78	45	70	178	7	Mar.
11.9	11.6	9.5	7.9	6.7	5.8	4.8	7.8	37	106	71	27	190	93	51	50	128	4	Apr.
11.2	11.1	9.9	7.1	6.7	6.2	6.3	7.3	45	64	85	93	172	85	24	43	163	15	May.
11.5	10.5	8.5	6.8	6.7	6.5	6.3	6.6	54	119	108	62	126	45	28	36	192	4	June.
10.0	10.7	9.5	7.9	6.8	7.0	6.7	6.3	44	42	88	62	277	106	45	29	92	3	July.
8.8	7.9	7.5	6.4	6.4	5.4	5.1	5.8	30	41	89	76	278	77	40	41	101	1	Aug.
11.8	11.5	9.1	6.5	7.0	6.5	5.9	7.0	40	57	99	65	254	56	26	32	130	1	Sept.
9.2	7.8	6.3	4.3	4.3	3.6	3.6	5.0	36	41	76	66	297	55	23	36	142	8	Oct.
7.9	6.9	4.7	3.4	3.4	4.2	4.4	4.9	36	40	42	85	297	47	34	60	106	9	Nov.
6.4	5.5	5.0	4.9	4.4	5.3	5.7	4.8	50	57	32	56	276	88	56	44	122	13	Dec.
9.4	8.8	7.3	5.8	5.4	5.2	5.0	5.9	54	780	808	705	2,677	954	502	643	1,571	120	Year.

SAN DIEGO, CAL.

[h_a=102 ft.; local time, 2h 49m slow.]

7.7	7.1	5.6	4.2	3.7	3.7	4.0	5.2	24	89	137	94	75	57	65	38	183	6	Jan.
10.2	10.2	8.8	7.3	5.7	5.0	5.3	6.4	35	80	135	53	54	64	67	72	145	2	Feb.
9.9	9.2	8.2	6.9	5.3	3.6	3.7	6.1	24	70	106	101	43	52	90	89	185	8	Mar.
10.5	9.8	8.8	7.4	5.2	4.3	3.4	6.1	26	57	32	56	32	62	159	156	164	2	Apr.
9.8	9.5	8.5	7.5	6.3	5.5	4.5	6.3	24	12	21	5	22	68	191	219	195	11	May.
9.6	8.9	8.3	7.8	6.5	5.0	4.1	5.9	18	32	13	2	17	99	233	164	143	17	June.
9.7	8.9	8.7	7.9	6.6	5.4	3.8	5.4	20	32	13	3	6	47	224	130	265	24	July.
11.0	10.3	9.4	8.2	6.5	5.2	4.2	6.0	23	85	11	1	1	19	75	187	353	12	Aug.
10.5	9.8	9.0	7.8	5.6	3.9	3.0	5.6	19	105	33	4	26	48	107	92	284	21	Sept.
9.2	8.3	7.1	5.4	4.0	3.6	3.3	5.2	22	93	53	41	29	60	59	124	253	32	Oct.
9.5	9.0	6.9	3.8	2.8	3.2	3.4	4.6	21	145	147	28	10	16	28	66	250	30	Nov.
9.0	8.1	6.5	4.5	3.7	3.5	3.6	4.8	27	104	202	88	25	31	36	44	194	20	Dec.
9.7	9.1	8.0	6.6	5.2	4.3	3.9	5.6	35	904	903	476	340	623	1,334	1,381	2,614	185	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

SAN FRANCISCO, CAL.

[λ=37° 48′ N.; φ=122° 26′ W.] [Seventy-fifth Meridian Time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.....	6.8	6.5	6.9	6.5	6.2	6.4	7.0	7.4	6.8	6.6	6.8	6.9	7.6	8.1	7.8	7.6	8.2
Feb	6.5	6.1	6.0	5.8	5.1	5.0	4.6	4.4	4.8	5.1	5.5	6.5	7.2	7.2	7.0	7.1	7.8
Mar	9.7	9.1	8.2	8.0	8.0	8.1	7.6	7.1	7.0	5.9	6.5	7.2	7.8	8.7	10.1	11.9	13.8
Apr	11.2	9.7	8.7	8.1	7.7	7.0	6.7	6.2	6.1	5.9	6.7	7.9	8.0	10.4	13.4	16.3	18.3
May....	11.1	10.8	9.9	10.1	9.0	8.2	8.0	8.1	7.9	8.3	8.3	8.7	10.1	11.6	14.0	16.8	18.4
June ...	12.9	11.3	10.2	9.8	9.5	8.4	8.2	7.8	7.0	6.4	7.3	7.7	8.4	11.8	15.6	19.6	22.1
July....	13.5	12.3	11.1	10.1	9.6	9.5	8.6	8.7	8.5	8.4	8.9	9.1	10.0	12.7	16.2	19.8	22.2
Aug	12.4	11.5	9.9	9.0	8.3	8.3	7.8	7.8	8.0	7.5	8.1	9.0	9.6	11.8	14.4	16.3	19.3
Sept....	9.3	8.3	7.8	7.7	7.3	6.9	5.9	5.6	5.1	5.6	6.4	7.1	7.5	9.5	12.4	15.2	17.4
Oct.....	7.5	6.3	6.7	5.6	5.2	5.0	4.6	4.7	4.6	4.5	5.4	5.5	6.2	6.7	7.6	10.3	13.1
Nov	6.1	5.5	4.6	4.0	4.7	4.5	5.3	4.9	5.4	5.5	5.6	6.7	7.1	6.9	6.7	6.6	8.1
Dec	5.4	5.6	5.8	5.9	6.0	6.3	6.1	6.3	5.9	6.4	6.6	7.6	7.6	7.3	7.0	7.3	7.8
Year ...	9.4	8.6	8.0	7.6	7.2	7.0	6.7	6.6	6.4	6.3	6.8	7.5	8.1	9.4	11.0	12.9	14.7

SANTA FE, N. MEX.

[λ=35° 41′ N.; φ=105° 57′ W.]

Jan.....	5.7	6.1	5.5	5.5	5.3	5.5	5.4	5.8	5.9	5.1	6.2	7.2	8.0	9.2	8.9	9.2	9.6
Feb	4.9	4.8	4.7	5.0	4.8	4.8	4.8	5.6	5.0	5.2	6.3	7.6	8.1	8.0	8.3	8.0	8.4
Mar	7.1	6.7	6.7	6.4	6.0	5.9	5.3	5.3	6.1	7.4	9.4	11.4	12.0	12.0	12.8	13.1	13.2
Apr	7.5	7.3	7.3	6.2	5.8	5.5	4.5	4.4	4.5	5.5	7.8	9.8	11.5	12.5	12.8	13.0	12.3
May....	6.8	6.8	6.2	5.8	5.7	5.0	4.6	4.4	5.4	6.2	7.1	8.3	9.5	10.0	11.2	11.1	10.8
June ...	6.5	5.9	5.2	4.8	4.8	4.8	4.4	4.4	4.2	5.2	6.4	7.4	8.9	9.8	10.9	10.6	10.4
July....	6.0	5.7	5.8	5.0	4.2	3.7	3.3	2.8	2.4	3.0	4.3	5.2	5.8	6.4	7.7	9.1	8.8
Aug	6.5	5.8	5.5	4.7	3.8	3.6	3.3	3.9	3.7	3.7	4.6	5.5	6.7	6.8	7.5	7.8	8.0
Sept....	6.3	6.2	6.3	5.4	5.4	4.5	4.5	4.2	3.6	4.4	6.7	7.3	8.2	9.2	9.2	8.9	8.9
Oct.....	5.9	5.7	4.6	3.7	3.4	3.1	3.2	3.6	3.1	3.7	5.3	6.3	7.8	8.8	8.5	8.7	8.9
Nov	3.5	3.8	3.6	3.8	4.1	3.6	3.9	4.1	3.7	4.7	5.1	6.3	8.0	9.3	9.1	8.8	8.1
Dec	5.9	6.2	6.0	6.2	6.1	6.2	6.1	5.8	5.4	6.0	7.2	9.1	10.3	11.2	10.8	9.7	8.7
Year ...	6.0	5.9	5.6	5.2	5.0	4.7	4.4	4.5	4.4	5.0	6.4	7.6	8.7	9.4	9.8	9.8	9.7

SAVANNAH, GA.

[λ=32° 5′ N.; φ=81° 5′ W.]

Jan.....	7.8	7.8	7.7	7.1	7.8	8.0	8.2	8.1	8.4	9.4	9.5	9.5	10.6	10.7	10.1	10.1	10.0
Feb	7.0	6.8	6.8	7.2	7.1	6.7	6.5	6.5	7.4	8.4	8.8	9.0	9.6	9.7	10.1	9.6	9.6
Mar	7.7	8.6	8.1	7.7	7.3	7.2	6.9	7.4	9.1	10.1	11.0	11.6	12.3	12.6	13.1	13.2	12.7
Apr	7.0	6.9	7.5	7.1	7.3	7.1	7.6	9.0	10.7	11.7	12.0	12.1	12.3	12.6	12.9	13.2	13.1
May....	5.7	6.1	5.4	5.9	6.0	5.9	5.6	6.8	7.6	7.4	8.0	8.5	9.6	10.7	11.4	12.0	12.4
June ...	5.3	5.6	5.8	5.0	4.5	4.7	5.4	5.9	6.3	6.5	7.2	7.6	8.4	9.2	9.3	9.1	9.3
July....	5.0	4.7	4.3	4.1	4.2	4.6	4.8	5.8	6.6	6.8	6.9	6.9	7.0	7.7	9.2	9.1	9.4
Aug	3.9	4.0	3.8	3.8	4.1	4.1	3.9	5.0	5.9	6.8	7.6	7.8	8.6	9.4	9.4	9.5	9.5
Sept....	6.5	6.8	6.8	6.4	6.9	6.4	6.4	7.6	9.1	9.9	10.2	10.1	10.0	10.1	10.1	9.9	9.8
Oct.....	5.3	5.9	6.4	6.3	6.1	6.1	6.3	7.0	7.9	8.6	9.0	9.5	9.3	8.7	8.6	8.8	7.5
Nov	6.2	6.0	6.6	6.5	7.0	7.2	6.8	6.9	7.1	7.8	8.7	8.6	8.1	8.6	8.6	8.9	8.0
Dec.....	7.5	7.4	7.7	7.5	7.6	7.7	7.3	7.5	7.7	8.6	9.1	8.8	9.4	9.3	9.8	9.7	8.6
Year....	6.2	6.4	6.4	6.2	6.3	6.3	6.3	7.0	7.8	8.5	9.0	9.2	9.6	9.9	10.2	10.3	10.0

WASHINGTON, D. C.

[λ=38° 54′ N.; φ=77° 3′ W.]

Jan.....	7.9	7.6	7.2	6.6	6.4	6.3	6.6	7.2	7.8	8.8	10.0	11.0	10.7	11.1	10.8	10.5	9.1
Feb	8.2	8.8	8.8	7.5	8.0	7.9	8.0	8.1	9.6	11.9	12.6	13.7	13.7	13.2	13.9	13.0	12.4
Mar	7.6	7.7	7.3	6.3	5.7	5.5	5.7	7.0	8.3	9.8	11.5	12.5	12.5	12.7	12.8	13.1	12.9
Apr	8.9	8.2	8.4	8.0	8.3	8.6	9.1	10.3	11.8	11.7	12.4	13.8	13.7	13.6	13.5	12.9	12.2
May....	4.8	4.6	4.5	5.1	4.6	4.3	5.1	6.4	6.7	7.8	8.0	8.2	9.3	9.5	9.1	9.5	9.5
June ...	3.4	3.2	3.3	3.3	3.4	3.2	3.6	4.7	6.3	6.7	6.4	7.1	7.6	8.5	8.5	8.3	8.1
July....	3.5	3.2	3.0	3.2	3.6	3.8	4.0	5.1	5.5	6.2	7.0	7.0	6.9	7.4	8.0	8.0	7.8
Aug	3.5	3.2	3.3	3.3	3.2	3.4	3.7	4.4	5.6	6.4	6.5	7.4	7.9	8.1	7.7	7.6	7.0
Sept....	2.9	2.8	3.4	3.6	3.3	3.7	3.9	4.4	6.0	7.3	8.1	8.2	8.0	7.6	7.6	6.9	6.7
Oct.....	3.4	3.8	3.5	3.3	3.7	4.0	3.7	4.4	5.8	7.2	7.7	8.7	9.1	9.2	9.3	8.8	7.0
Nov	7.1	6.4	6.9	7.3	7.2	6.2	6.3	6.8	8.0	10.3	11.9	13.4	13.5	13.1	12.6	11.6	9.6
Dec.....	6.5	6.5	6.2	6.8	7.4	7.2	6.7	6.6	6.9	8.3	9.3	10.0	9.8	10.0	9.8	9.5	8.1
Year....	5.6	5.5	5.5	5.4	5.4	5.3	5.5	6.3	7.4	8.5	9.3	10.1	10.2	10.3	10.3	10.0	9.2

WIND—VELOCITY AND FREQUENCY—Continued.

SAN FRANCISCO, CAL.

[h_a=167 ft.; local time, 3h 10m slow.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1901.
8.7	8.3	8.4	8.6	8.9	8.1	8.0	7.5	57	171	56	23	152	46	33	126	135	2	Jan.
8.7	9.0	8.7	8.5	8.2	6.6	6.1	6.6	35	128	35	20	136	55	63	144	81	10	Feb.
14.2	15.5	15.9	14.3	14.1	12.2	11.0	10.1	37	126	26	10	13	22	57	393	89	8	Mar.
19.8	20.5	20.6	19.2	16.9	15.9	13.2	11.8	37	45	8	13	58	44	193	316	43	0	Apr.
19.7	20.1	19.5	18.0	16.1	14.3	12.6	12.5	34	20	9	13	27	21	227	411	15	1	May.
23.9	23.4	23.8	23.3	22.0	17.9	16.1	13.9	39	0	5	5	21	11	252	419	5	2	June.
23.3	23.6	23.6	22.7	21.3	18.4	16.3	14.5	39	4	3	3	11	25	420	276	0	2	July.
21.2	21.5	21.8	20.4	18.7	16.8	14.4	13.1	36	0	2	1	3	13	444	281	0	0	Aug.
19.0	19.8	19.8	18.9	16.4	13.5	11.7	11.0	36	14	9	2	19	24	376	264	2	10	Sept.
15.1	15.7	16.2	14.3	11.0	8.6	7.6	8.3	30	52	16	23	48	43	188	302	53	19	Oct.
8.3	8.7	9.1	8.2	7.2	6.9	6.4	6.4	29	83	23	35	139	70	132	139	87	12	Nov.
8.0	7.8	7.2	6.3	5.9	6.0	5.9	6.6	29	350	20	30	52	37	57	117	80	1	Dec.
15.8	16.2	16.2	15.2	13.9	12.1	10.8	10.2	57	993	212	178	679	411	2,442	3,188	590	67	Year.

SANTA FE, N. MEX.

[h_a=50 ft.; local time, 2h 4m slow.]

8.7	6.8	4.6	4.6	4.8	4.8	5.3	6.4	26	147	120	51	108	62	86	11	141	18	Jan.
7.9	7.5	5.8	4.2	4.5	4.6	5.2	6.0	27	113	70	47	117	92	65	17	128	23	Feb.
12.1	11.9	9.7	7.2	7.1	7.2	7.1	8.7	35	83	87	69	77	51	102	43	226	6	Mar.
12.1	12.1	10.5	8.1	6.7	7.7	7.7	8.5	43	35	58	108	187	36	103	25	114	4	Apr.
10.9	10.9	9.8	9.4	8.1	7.2	7.5	7.9	29	56	104	111	120	91	117	27	104	14	May.
10.6	11.4	10.7	10.2	7.4	7.0	7.1	7.5	33	57	43	85	151	102	167	31	75	9	June.
9.5	9.8	9.8	8.9	6.8	6.1	6.3	6.1	29	43	90	133	185	107	100	22	51	13	July.
7.9	8.3	8.5	7.2	7.0	6.9	6.5	6.0	28	80	130	124	112	106	81	20	82	9	Aug.
8.3	8.5	6.3	5.1	5.4	6.4	6.3	6.5	27	46	56	97	190	141	118	18	45	9	Sept.
8.3	6.5	5.3	5.9	7.4	6.5	5.6	5.8	27	58	110	85	214	80	78	15	85	19	Oct.
7.4	5.2	3.2	3.8	4.1	4.0	3.6	5.2	25	82	125	105	120	67	78	16	113	14	Nov.
8.3	6.9	5.9	5.9	5.9	5.7	5.7	7.1	34	129	118	39	147	61	51	21	169	9	Dec.
9.3	8.8	7.5	6.7	6.3	6.2	6.2	6.8	43	929	1,111	1,054	1,728	1,046	1,146	266	1,333	147	Year.

SAVANNAH, GA.

[h_a=89 ft.; local time, 24m slow.]

8.6	7.8	7.7	7.7	7.6	7.4	7.7	8.6	28	170	121	32	18	15	125	133	129	1	Jan.
8.2	6.5	6.3	6.5	6.4	6.2	6.4	7.6	24	156	38	50	26	21	46	209	126	0	Feb.
11.2	9.5	8.8	9.2	9.0	8.6	7.9	9.6	38	45	11	20	23	130	225	191	98	1	Mar.
11.2	8.6	7.4	7.2	7.5	6.8	6.9	9.4	36	126	52	48	62	77	66	182	107	0	Apr.
11.2	8.6	8.5	8.4	7.2	7.0	6.3	8.0	35	36	18	40	34	145	194	235	38	4	May.
9.0	8.0	7.0	6.3	5.3	5.2	5.5	6.7	30	85	33	114	77	134	183	68	21	5	June.
9.0	7.3	6.6	6.3	5.9	5.9	5.6	6.4	26	70	24	20	47	132	360	73	14	4	July.
8.5	7.2	6.0	5.3	5.1	4.9	4.7	6.2	27	28	48	60	69	265	200	46	13	15	Aug.
8.9	8.1	7.0	6.6	6.2	6.2	6.5	8.0	27	81	205	66	29	106	155	51	25	2	Sept.
6.5	5.9	5.9	5.5	5.5	5.7	5.6	7.0	20	212	306	81	29	19	29	35	24	9	Oct.
6.5	6.1	6.3	6.1	5.8	6.0	6.0	7.1	31	215	111	52	28	15	32	173	88	6	Nov.
7.9	7.4	7.5	7.7	7.5	7.5	7.0	8.1	31	131	96	92	30	52	144	106	86	7	Dec.
8.9	7.6	7.1	6.9	6.6	6.4	6.3	7.7	38	1,355	1,063	675	472	1,111	1,759	1,502	769	54	Year.

WASHINGTON, D. C.

[h_a=76 ft.; local time, 8m slow.]

7.3	6.9	6.5	6.5	6.6	6.3	6.5	8.0	39	67	98	30	43	151	16	49	267	23	Jan.
10.5	9.9	10.2	10.2	10.8	9.2	8.9	10.4	38	80	21	37	30	66	21	93	314	10	Feb.
11.5	9.9	9.7	8.6	8.6	8.7	8.4	9.4	34	48	76	67	86	142	33	61	222	9	Mar.
11.2	9.7	8.8	8.8	8.7	8.5	8.3	10.4	36	94	126	81	93	46	14	30	221	15	Apr.
8.8	7.3	5.9	5.3	5.1	4.8	4.6	6.6	28	45	132	103	122	124	26	27	143	22	May.
7.5	5.8	4.8	4.6	3.8	3.9	3.6	5.4	30	32	94	30	132	190	69	44	109	20	June.
6.7	5.7	4.9	4.8	4.9	4.2	3.7	5.3	28	64	101	38	56	206	111	68	85	15	July.
5.9	4.5	4.1	3.6	3.6	3.7	3.2	5.0	20	81	77	77	101	243	62	12	67	24	Aug.
5.3	3.9	3.5	4.2	3.6	2.9	3.1	5.0	30	107	154	56	33	136	58	30	106	40	Sept.
5.0	4.2	4.5	4.0	4.1	3.4	3.5	5.5	26	55	79	52	126	114	39	36	192	51	Oct.
8.0	8.1	8.2	7.3	6.9	7.3	7.2	8.8	36	59	42	24	13	97	26	121	316	22	Nov.
7.0	7.0	6.9	6.9	6.3	7.0	6.9	7.7	38	81	57	31	94	117	25	33	271	35	Dec.
7.9	6.9	6.5	6.2	6.1	5.8	5.7	7.3	39	813	1,057	626	929	1,632	500	604	2,313	286	Year.

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PART III.

MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR ONE HUNDRED AND SEVENTY-ONE WEATHER BUREAU STATIONS.

EXPLANATION OF THE TABLES.

(ALFRED J. HENRY, Professor of Meteorology.)

For the detailed account of the method of reducing the observed barometric pressures the reader is referred to the "Report on the barometry of the United States, Canada, and the West Indies," to be found in the Annual Report of the Chief of the Weather Bureau, 1900–1901, Volume II.

Pressure.—Two mercurial barometers of the well-known Fortin cistern, or a modified form thereof, are used at each station. One of these, the "station barometer," is used in making all regular observations; the other, the "extra," is held in reserve in case of emergency, except that once each month five simultaneous comparative readings are made on the two instruments for purposes of check upon the deterioration of either instrument.

Each barometer, before issue to station, is compared with the substandard at Washington, and a certificate or correction card furnished showing the several constant corrections that must be applied to the readings of the instrument in order to derive therefrom the actual pressure of the air in standard units at a specified elevation Each observation as made, therefore, is corrected by the application of the following corrections:

(1) Correction for scale errors, capillarity, etc.

(2) Correction to standard gravity, comprising both a latitude and altitude term.

(3) Correction for removal—a correction applied after small changes in the elevation of the office, to reduce observations to the elevation adopted for the epoch 1900.

Corrections 1, 2, and 3 are constant for any one station and are combined in a single sum.

(4) Correction for the temperature of the scale and mercurial column.

The monthly mean pressures given in the summary are deduced from the corrected observations of pressure at 8 a. m. and 8 p. m., seventy-fifth meridian time, by taking the mean thereof and applying thereto a correction to reduce to the mean of 24-hourly observations.

The extremes are selected from a consideration of the 8 a. m., the 8 p. m., and all special observations made during the month, but these are not reduced to the mean of 24-hourly observations.

The homogeneous system of pressures.—In the report on barometry mentioned above, which comprises a discussion of the Weather Bureau observations for the years 1873–1899, inclusive, it was shown that a "residual-reduction" correction is required for several stations in order to produce a system of homogeneous pressures or smooth isobars on any selected plane, as the sea-level plane, the 3,500-foot plane, or the 10,000-foot plane.

The corrections required to reduce a given observed barometric reading to a true air pressure are fully specified above under 1, 2, 3, and 4. The additional corrections required to reduce the pressure thus obtained to any desired plane, as the sea-level plane for example, are:

(5) B_0.—B. The free air Laplacean reduction from the station to any other level, including the gravity term, but not the aqueous vapor tension.

(6) C . $\Delta\theta$. H. The correction of the free air reduction for the Plateau effect.

(7) e_1. The correction for the moisture mixed with the dry air.

(8) Δ A. The local correction for certain stations to reduce them to a homogeneous system.

These four corrections to the actual station pressure are united in a "Table of reductions to sea-level" prepared for the several stations. The table was computed for the mean temperature of the air column θ; the relation between the diurnal surface temperature t, and that of the air column θ was determined, and the argument adjusted so as to transfer it from θ to t. The arguments of the table are the diurnal surface temperature t and the actual station pressure B, while the body of the table gives the reduced sea-level pressure in inches. The surface temperature is determined by the customary formula $t = \frac{8\text{ a. m.} + 8\text{ p. m.}}{2}$, when two observations are taken, or by $t = \frac{\text{Max.} + \text{Min.}}{2}$, when only one observation is taken each day.

Corrections 5, 6, 7, and 8 constitute solely the reduction required to pass from a given observed air pressure at one elevation to the corresponding pressure that would be observed at another elevation.

We have, finally, in order to produce an entirely homogeneous system of pressures one remaining correction, viz:

(9) The reduction to the mean of 24-hourly observations.

These diurnal corrections, collected by months for the several stations, are found in Table 27 of the Annual Report, 1900–1901, "Diurnal corrections of barometric pressure taken at a few selected hours to the mean of 24-hourly observations." This reduction of the mean monthly and yearly pressures is necessary in order to make the annual results comparable with the system derived from the discussion of the years 1873–1899, inclusive, also for the comparison of international observations where different sets of selected hours have been employed, and for the study of all cosmical problems.

Since the daily 8 a. m. and 8 p. m. pressures are used in the preparation of maps for the purpose of forecasting, they are not changed by the addition of correction to the mean of 24 hours. The mean monthly pressures recorded in the annual summary tables have the correction to the mean of 24-hourly observations applied to them. The highest and lowest actual station pressure are given without change.

It should be noted that the diurnal correction was not applied to the mean monthly and yearly pressures published in the Annual Report of the Chief of the Weather Bureau for 1900–1901.

This has now been done and the corrected values for that year are given in a special table that appears on page 61 of this report. It will be understood that the monthly and annual means given in the special table are comparable with the series 1873–1899, published in Volume II of the 1900–1901 report.

Temperature.—The temperature of the air at 8 a. m. and 8 p. m., seventy-fifth meridian time, is obtained by the use of the whirled dry-bulb thermometer. The latter is a part of the whirled psychrometer and is mounted in the wooden roof thermometer shelter adopted in 1885. The means of these observations are given in the columns headed 8 a. m. and 8 p. m., respectively.

The maximum temperature is obtained by the use of the Negretti and Zambra mercurial thermometer, having a constriction in the bore of the tube below the scale. The minimum temperature is obtained by the use of the ordinary Rutherford alcohol minimum thermometer. Both instruments are read and the values recorded twice daily at 8 a. m. and 8 p. m., seventy-fifth meridian time, and are set twice daily at 8 a. m. and 8 p. m. The extremes given in the summaries are for the civil day, midnight to midnight, seventy-fifth meridian time. The monthly means have been obtained by dividing the sum of the mean maximum and mean minimum temperatures by 2.

Moisture.—The monthly means of the dew-point, relative humidity, and vapor pressure are given as computed directly from the original daily observations.

In using the tables by means of which the amount of atmospheric moisture is computed from the readings of the whirled psychrometer, that one which gives the influence on the psychrometer of the prevailing pressure has been neglected. Caution should be exercised in using the published vapor pressure, dew-point, and relative humidity for high stations as computed by tables appropriate for low stations. The accuracy at present attained is confessedly below the demands of special laboratory studies, the needs of climatologists, and others, but answers fairly well for the use of forecast officials in the current daily routine of weather predictions.

The rain gages used at the regular Weather Bureau stations have a circular catchment area of about 8 inches diameter, and the snow, hail, or sleet caught within them is melted and measured as water. The rain gage proper is set within an inclosing cylinder 8 inches in diameter and 2 feet high, which serves as an overflow attachment in the case of heavy rains and as a snow gage in the winter season.

The sum total of the depth of rain and melted snow is measured to within 0.01 inch at 8 a. m. and 8 p. m., seventy-fifth meridian time, daily. By adding the amounts recorded at these two regular observations is obtained the total precipitation for the twenty-four hours preceding 8 p. m. of the meteorological day to which it is accredited.

The snow caught and retained in the gage is melted and measured as water. No correction is applied for the snow that is lost out of the gage by the eddying action of the wind; consequently in some cases the record is less than would be given if the observer had measured cylinders of snow cut from the spots representing the average snowfall on the ground. When it is known that the catch of the snow gage is markedly deficient an independent ground measurement is made and used as the official record. The loss of both rain and snow caused by high winds is undoubtedly larger at the regular telegraph stations of the Weather Bureau than is the case at the voluntary stations, whose gages are located in the open country and near the ground, but this loss does not appear to be so large as to make the monthly and annual sums derived from these two classes of gages wholly inconsistent with each other; on the contrary, except at a few stations, the differences between the annual rainfall at city and country gages are not larger than is plausibly due to actual differences in the geographical distribution of rain.

By the maximum precipitation in twenty-four hours is meant the greatest measurement for any twenty-four consecutive hours; it does not refer to the rate of rainfall for twenty-four hours, as deduced from short, heavy showers.

The number of days with precipitation amounting to 0.01 and 0.04 inch, respectively, relates to the rainfall from 8 p. m. to 8 p. m. and not from midnight to midnight.

The cloudiness recorded in the summaries is derived from personal observations. The proportion of sky covered with clouds is estimated by the observer at 8 a. m. and 8 p. m., seventy-fifth meridian time, on a scale of 0–10. The two simultaneous observations can not be combined into a daily mean in the present state of our knowledge of the diurnal variation in cloudiness, and are therefore given separately. In order, however, to obtain a general record of the sunshine as affecting the growth of plants, the observer keeps some memoranda of the cloudiness, sufficient to enable him at the end of the day to assign a percentage representing the average condition of the sky from sunrise to sunset; the resulting average for each month is given in the column of "daylight."

The number of days that were clear, as given under "number of days, etc.," includes those on which the daylight cloudiness was 0, 1, 2, or 3 tenths; the days partly cloudy are those on which the daylight cloudiness was 4, 5, 6, or 7 tenths; the cloudy days were those having 8, 9, or 10 tenths of cloudiness during daylight.

Wind.—The velocity of the wind is recorded at all Weather Bureau stations; the direction and velocity are recorded at about two-thirds of the stations on what is known as the "triple register." The records from 28 of the stations that are furnished with triple registers will be found in Part II. On some of these instruments the direction of the wind is recorded every five minutes, while on the latest pattern a record is made every minute.

The maximum velocities given are for five-minute periods.

A wind velocity of 40 miles per hour is considered a gale.

Number of days.—The number of days with snow includes all of those on which at least 0.01 inch of melted snow, corresponding to about one-tenth of an inch of unmelted snow, has fallen in the twenty-four hours preceding 8 p. m.

The number of days with hail includes all of those on which at least a trace of hail fell.

No record is made of deposits of dew.

The number of days with fog includes all of those on which fog prevailed for at least an hour, and was dense enough to obscure objects 1,000 feet distant.

References and abbreviations.—H=height of barometer cistern above mean sea level on January 1, 1900, that being the elevation to which all previous readings have been reduced. It is designated as the "station, or adopted, elevation." At stations where a change has been made in the elevation of the barometer since January 1, 1900, a corresponding correction has been applied to the observed reading, thereby reducing all values to the "station, or adopted, elevation." H_1=actual height of the barometer above mean sea level. The actual elevation and the station, or adopted, elevation are identical, except at stations where the barometer has been moved since January 1, 1900. H_t=height of thermometer above ground; h_r=height of rain gage above ground; h_a=height of anemometer above ground.

[SPECIAL TABLE.]

MONTHLY AND ANNUAL PRESSURES FOR 1900, CORRECTED TO THE MEAN OF 24 HOURLY OBSERVATIONS.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Abilene, Tex	28.269	.183	.206	.061	.133	.081	.149	.172	.164	.198	.283	.283	.182
Albany, N. Y	29.934	.898	.889	.891	.841	.819	.832	.905	.961	.068	.911	.955	.909
Alpena, Mich	29.291	.272	.344	.390	.298	.303	.269	.367	.384	.450	.326	.320	.334
Amarillo, Tex	26.286	.179	.240	.107	.226	.220	.258	.260	.278	.263	.315	.292	.244
Astoria, Oreg	30.081	.109	.974	.033	.034	.008	.023	.050	.....	.....	.....	.....	.....
Atlanta, Ga	28.868	.795	.813	.774	.783	.752	.852	.883	.875	.874	.883	.873	.835
Atlantic City, N. J	30.015	.964	.950	.946	.909	.909	.942	.973	.029	.116	.007	.037	.983
Augusta, Ga	29.928	.870	.856	.812	.812	.785	.852	.864	.882	.906	.915	.933	.868
Baker City, Oreg	26.557	.484	.438	.374	.418	.406	.410	.423	.429	.427	.489	.587	.454
Baltimore, Md	29.951	.896	.888	.884	.840	.831	.856	.895	.941	.029	.918	.966	.908
Binghamton, N. Y	29.066	.998	.034	.074	.024	.029	.044	.115	.147	.235	.067	.093	.077
Bismarck, N. Dak	28.254	.264	.281	.231	.156	.145	.150	.108	.218	.183	.325	.237	.213
Block Island, R. I	29.987	.945	.930	.933	.911	.910	.928	.987	.039	.122	.979	.007	.973
Boise, Idaho	27.333	.248	.171	.068	.118	.080	.077	.098	.125	.175	.259	.370	.185
Boston, Mass	29.862	.823	.806	.815	.803	.781	.795	.871	.921	.022	.863	.880	.854
Buffalo, N. Y	29.157	.107	.158	.193	.125	.130	.141	.212	.244	.313	.157	.185	.177
Cairo, Ill	29.742	.654	.700	.608	.597	.527	.628	.670	.687	.696	.756	.740	.667
Cape May, N. J	30.080	.029	.010	.009	.966	.964	.989	.016	.074	.159	.054	.101	.038
Carson City, Nev	25.364	.319	.246	.179	.234	.251	.252	.255	.242	.266	.319	.414	.278
Cedar City, Utah	24.328	.235	.235	.104	.238	.261	.251	.274	.265	.276	.337	.436	.270
Charleston, S. C	30.091	.047	.028	.989	.984	.964	.027	.031	.044	.057	.077	.093	.036
Charlotte, N. C	29.263	.206	.201	.190	.183	.168	.232	.256	.279	.317	.268	.285	.237
Chattanooga, Tenn	29.330	.248	.272	.211	.216	.166	.264	.300	.302	.315	.336	.333	.274
Cheyenne, Wyo	23.999	.864	.970	.907	.014	.048	.059	.049	.048	.016	.025	.008	.001
Chicago, Ill	29.151	.102	.152	.154	.089	.087	.098	.152	.183	.207	.174	.160	.142
Cincinnati, Ohio	29.411	.337	.378	.360	.315	.284	.353	.402	.421	.456	.423	.435	.381
Cleveland, Ohio	29.197	.140	.192	.221	.147	.147	.175	.240	.266	.316	.205	.236	.207
Columbia, Mo	29.255	.173	.223	.132	.120	.086	.146	.175	.208	.204	.279	.245	.187
Columbus, Ohio	29.171	.109	.153	.162	.106	.083	.138	.193	.217	.262	.190	.211	.166
Concordia, Kans	28.618	.550	.580	.456	.475	.453	.464	.467	.527	.500	.646	.604	.528
Corpus Christi, Tex	30.089	.027	.000	.851	.904	.841	.920	.964	.915	.961	.081	.113	.972
Davenport, Iowa	29.406	.364	.392	.357	.295	.275	.290	.335	.390	.384	.429	.402	.360
Denver, Colo	24.738	.623	.706	.619	.721	.746	.748	.734	.748	.729	.765	.759	.720
Des Moines, Iowa	29.170	.139	.143	.089	.047	.033	.038	.062	.119	.094	.198	.150	.107
Detroit, Mich	29.216	.168	.222	.245	.168	.170	.187	.255	.280	.336	.221	.251	.227
Dodge, Kans	27.456	.355	.425	.285	.358	.340	.357	.351	.400	.378	.477	.457	.387
Dubuque, Iowa	29.303	.272	.300	.279	.213	.208	.204	.247	.299	.292	.338	.295	.271
Duluth, Minn	29.222	.261	.268	.298	.204	.190	.144	.175	.219	.209	.307	.223	.227
Eastport, Me	29.855	.851	.794	.790	.835	.810	.811	.910	.948	.054	.887	.871	.868
Elkins, W. Va	27.972	.899	.920	.984	.971	.965	.039	.091	.100	.131	.004	.995	.006
El Paso, Tex	26.231	.148	.144	.047	.113	.102	.132	.151	.159	.188	.272	.272	.163
Erie, Pa	29.238	.187	.239	.270	.195	.197	.215	.280	.310	.372	.234	.272	.251
Escanaba, Mich	29.300	.300	.363	.394	.304	.298	.263	.335	.349	.391	.355	.315	.331
Eureka, Cal	30.081	.145	.006	.982	.023	.962	.932	.975	.953	.967	.976	.101	.009
Evansville, Ind	29.634	.561	.590	.540	.505	.440	.536	.584	.611	.618	.647	.637	.575
Flagstaff, Ariz	23.366	.274	.312	.190	.343	.387	.388	.424	.375	.366	.406	.392	.352
Fort Smith, Ark	29.634	.533	.584	.433	.460	.387	.492	.527	.519	.539	.628	.615	.529
Fort Worth, Tex	29.401	.328	.338	.190	.234	.165	.260	.296	.270	.299	.408	.410	.300
Fresno, Cal	29.783	.754	.631	.591	.574	.493	.431	.515	.540	.625	.689	.845	.623
Galveston, Tex	30.051	.979	.981	.841	.876	.810	.908	.952	.873	.924	.044	.051	.941
Grand Haven, Mich	29.309	.272	.336	.351	.267	.272	.273	.340	.366	.405	.338	.333	.322
Grand Junction, Colo	25.494	.347	.349	.214	.321	.321	.296	.351	.373	.393	.482	.525	.372
Greenbay, Wis	29.342	.334	.375	.391	.299	.303	.276	.340	.367	.397	.382	.348	.346
Hannibal, Mo	29.512	.456	.486	.415	.373	.339	.392	.428	.476	.481	.532	.521	.451
Harrisburg, Pa	29.680	.612	.622	.632	.577	.572	.590	.639	.690	.779	.649	.693	.645
Hatteras, N. C	30.082	.040	.018	.009	.987	.981	.027	.019	.080	.115	.076	.109	.045
Havre, Mont	27.333	.343	.380	.295	.257	.246	.277	.262	.348	.264	.413	.343	.313
Helena, Mont	25.835	.766	.806	.738	.764	.758	.785	.766	.821	.767	.860	.859	.794
Houghton, Mich	(a)	.....	.....	.....	.....	.....	.....	.....	.269	.288	.288	.226	.....
Huron, S. Dak	28.651	.659	.645	.586	.533	.526	.502	.475	.587	.534	.712	.633	.587

a The base number is 29 inches.

MONTHLY AND ANNUAL PRESSURES FOR 1900, CORRECTED TO THE MEAN OF 24 HOURLY OBSERVATIONS—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Independence, Cal	26.079	.005	.944	.853	.906	.903	.893	.909	.935	.960	.055	.132	.964
Indianapolis, Ind	29.180	.110	.162	.150	.102	.071	.129	.174	.212	.228	.199	.196	.159
Jacksonville, Fla	30.062	.031	.013	.968	.959	.933	.016	.023	.991	.982	.060	.063	.008
Jupiter, Fla	30.027	.054	.016	.979	.947	.946	.020	.024	.943	.916	.023	.039	.994
Kalispell, Mont	26.981	.914	.913	.856	.877	.855	.875	.876	.922	.881	.997	.009	.913
Kansas City, Mo	29.088	.021	.055	.949	.942	.916	.959	.985	.020	.005	.106	.072	.010
Keokuk, Iowa	29.428	.374	.410	.346	.300	.275	.308	.341	.389	.383	.450	.431	.370
Key West, Fla	30.049	.070	.029	.977	.946	.948	.012	.025	.915	.921	.028	.047	.997
Kittyhawk, N. C.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Knoxville, Tenn	29.049	.972	.993	.948	.954	.917	.021	.051	.061	.074	.063	.060	.014
La Crosse, Wis	29.262	.254	.264	.272	.203	.204	.177	.211	.266	.254	.304	.250	.243
Lander, Wyo	24.668	.547	.617	.547	.626	.639	.663	.634	.651	.633	.674	.693	.633
Lewiston, Idaho	(a)	.....	.....	.....	.....	.....	.....	.....	.....	.173	.283	.353	.....
Lexington, Ky	29.004	.928	.963	.960	.931	.893	.883	.030	.040	.060	.021	.027	.987
Lincoln, Nebr	28.808	.763	.778	.678	.665	.651	.656	.658	.727	.686	.833	.780	.724
Little Rock, Ark	29.756	.657	.705	.572	.586	.508	.621	.664	.650	.665	.755	.735	.656
Los Angeles, Cal	29.701	.666	.616	.601	.578	.558	.504	.584	.567	.606	.647	.729	.613
Louisville, Ky	29.529	.456	.500	.456	.420	.369	.452	.497	.521	.542	.541	.543	.486
Lynchburg, Va	29.336	.276	.266	.267	.259	.249	.302	.327	.372	.439	.345	.361	.317
Macon, Ga	29.734	.675	.664	.623	.620	.579	.674	.693	.690	.691	.727	.732	.675
Marquette, Mich	29.120	.137	.219	.271	.174	.167	.127	.194	.209	.239	.216	.158	.186
Memphis, Tenn	29.714	.621	.671	.557	.563	.480	.598	.641	.637	.650	.726	.706	.630
Meridian, Miss	29.735	.645	.677	.576	.591	.504	.644	.683	.645	.642	.739	.720	.650
Miles City, Mont	27.492	.470	.505	.363	.360	.352	.385	.354	.443	.418	.557	.487	.432
Milwaukee, Wis	29.288	.256	.306	.328	.244	.247	.235	.289	.323	.349	.319	.293	.290
Mobile, Ala	30.079	.005	.012	.933	.927	.859	.982	.016	.954	.962	.074	.067	.989
Montgomery, Ala	29.897	.817	.830	.750	.748	.690	.807	.837	.807	.811	.893	.889	.815
Moorhead, Minn	29.019	.067	.047	.016	.938	.922	.895	.867	.962	.929	.105	.014	.982
Mount Tamalpais, Cal	27.630	.646	.538	.503	.536	.506	.472	.515	.516	.553	.578	.679	.556
Nantucket, Mass	29.998	.948	.942	.940	.930	.927	.945	.005	.054	.137	.001	.016	.987
Nashville, Tenn	29.555	.467	.507	.429	.423	.362	.462	.509	.513	.525	.562	.550	.489
Neahbay, Wash	29.968	.022	.901	.978	.965	.920	.973	.986	.987	.835	.916	.945	.950
New Haven, Conn	29.917	.868	.854	.862	.829	.824	.839	.897	.951	.048	.894	.927	.892
New Orleans, La	30.078	.999	.015	.912	.918	.845	.967	.004	.939	.955	.073	.063	.981
New York, N. Y	29.705	.652	.639	.648	.615	.618	.637	.684	.740	.830	.682	.725	.681
Norfolk, Va	30.008	.957	.928	.930	.890	.885	.927	.935	.997	.056	.982	.024	.960
Northfield, Vt	29.020	.990	.974	.023	.995	.987	.001	.104	.132	.232	.031	.042	.044
North Platte, Nebr	27.138	.054	.104	.014	.045	.037	.025	.016	.089	.050	.161	.122	.071
Oklahoma, Okla	28.810	.708	.767	.608	.660	.610	.686	.706	.706	.724	.818	.802	.707
Omaha, Nebr	28.899	.859	.868	.787	.761	.749	.754	.734	.825	.787	.923	.868	.820
Oswego, N. Y	29.630	.583	.616	.641	.575	.563	.567	.651	.687	.780	.616	.656	.630
Palestine, Tex	29.592	.499	.505	.367	.421	.336	.436	.479	.427	.487	.583	.587	.477
Parkersburg, W. Va	29.414	.354	.377	.380	.324	.299	.363	.405	.429	.485	.419	.451	.392
Pensacola, Fla	30.081	.002	.004	.941	.925	.861	.982	.016	.961	.961	.070	.067	.989
Philadelphia, Pa	29.956	.903	.889	.890	.845	.836	.860	.908	.961	.053	.923	.974	.916
Phoenix, Ariz	28.883	.825	.763	.708	.686	.650	.622	.686	.704	.763	.869	.928	.757
Pierre, S. Dak	28.377	.380	.379	.291	.248	.234	.231	.191	.309	.276	.444	.373	.311
Pittsburg, Pa	29.139	.071	.102	.124	.066	.056	.108	.158	.187	.252	.136	.171	.131
Pocatello, Idaho	25.603	.470	.459	.332	.431	.416	.437	.425	.446	.493	.571	.643	.477
Port Crescent, Wash	29.757	.803	.693	.773	.763	.738	.780	.789	.774	.655	.726	.734	.749
Port Huron, Mich	29.321	.279	.340	.372	.290	.296	.295	.370	.395	.458	.337	.359	.343
Portland, Me	29.844	.822	.787	.804	.806	.774	.778	.875	.920	.035	.856	.865	.847
Portland, Oreg	29.949	.985	.840	.874	.878	.832	.835	.878	.877	.812	.866	.953	.882
Pueblo, Colo	25.325	.186	.264	.166	.280	.291	.282	.270	.307	.291	.341	.330	.278
Raleigh, N. C	29.713	.664	.643	.629	.609	.601	.646	.661	.709	.757	.706	.731	.672
Rapid City, S. Dak	26.594	.535	.591	.532	.537	.546	.566	.516	.594	.581	.662	.612	.572
Redbluff, Cal	29.790	.783	.632	.606	.599	.523	.454	.522	.569	.624	.687	.842	.636
Richmond, Va	29.951	.901	.876	.883	.832	.820	.861	.883	.942	.018	.940	.970	.906
Rochester, N. Y	29.426	.376	.418	.453	.383	.377	.385	.465	.500	.578	.419	.452	.436
Roseburg, Oreg	29.529	.572	.408	.430	.447	.412	.398	.453	.450	.425	.443	.552	.460

a The base number is 29 inches.

MONTHLY AND ANNUAL PRESSURES FOR 1900, CORRECTED TO THE MEAN OF 24 HOURLY OBSERVATIONS—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Sacramento, Cal	30.076	.055	.913	.879	.871	.798	.731	.810	.836	.909	.966	.138	.915
St. Louis, Mo	29.488	.412	.456	.376	.347	.305	.379	.415	.452	.454	.497	.489	.422
St. Paul, Minn	29.111	.133	.125	.118	.041	.040	.001	.016	.093	.065	.184	.113	.087
Salt Lake City, Utah	25.756	.645	.612	.475	.580	.556	.558	.564	.590	.630	.706	.789	.622
San Antonio, Tex	29.362	.293	.279	.138	.202	.138	.223	.265	.219	.268	.376	.389	.263
San Diego, Cal	29.970	.912	.853	.880	.879	.815	.767	.836	.817	.850	.884	.958	.868
Sandusky, Ohio	29.352	.293	.347	.361	.282	.280	.310	.375	.401	.451	.355	.383	.349
San Francisco, Cal	29.983	.994	.870	.847	.855	.805	.744	.807	.802	.867	.896	.039	.876
San Luis Obispo, Cal	29.899	.898	.814	.810	.781	.747	.698	.770	.747	.793	.833	.943	.811
Santa Fe, N. Mex	23.262	.145	.219	.114	.274	.320	.340	.354	.340	.306	.323	.281	.273
Sault Ste. Marie, Mich	29.254	.234	.321	.372	.275	.272	.236	.334	.333	.405	.294	.270	.300
Savannah, Ga	30.054	.007	.989	.950	.949	.921	.994	.002	.001	.009	.045	.057	.998
Scranton, Pa	(a)	.....	.....	.....	.....	.....	.....	.....	.227	.315	.158	.190	.....
Seattle, Wash	29.953	.980	.866	.911	.903	.868	.887	.905	.913	.814	.895	.952	.904
Shreveport, La	29.878	.774	.808	.666	.699	.612	.738	.778	.735	.764	.870	.865	.766
Sioux City, Iowa	28.852	.837	.833	.771	.736	.732	.706	.699	.781	.737	.888	.817	.782
Spokane, Wash	28.068	.026	.962	.923	.928	.893	.891	.910	.951	.925	.032	.080	.966
Springfield, Ill	29.401	.333	.376	.323	.282	.248	.305	.345	.384	.384	.410	.397	.349
Springfield, Mo	28.689	.591	.657	.557	.572	.529	.618	.650	.655	.640	.697	.675	.628
Tacoma, Wash	29.861	.889	.772	.818	.801	.770	.789	.814	.821	.735	.805	.860	.811
Tampa, Fla	30.052	.046	.019	.973	.939	.927	.011	.024	.947	.936	.046	.055	.998
Toledo, Ohio	29.349	.294	.350	.367	.286	.286	.313	.382	.407	.457	.360	.385	.353
Valentine, Nebr	(b)	.....	.....	.240	.242	.237	.236	.205	.294	.255	.362	.288	.....
Vicksburg, Miss	29.851	.758	.793	.671	.690	.612	.746	.785	.739	.757	.859	.842	.759
Walla Walla, Wash	29.054	.055	.933	.906	.905	.860	.846	.886	.918	.904	.017	.079	.947
Washington, D. C	29.978	.921	.911	.905	.854	.846	.873	.907	.957	.051	.945	.996	.929
Wichita, Kans	28.673	.582	.639	.497	.529	.497	.545	.550	.585	.584	.686	.660	.586
Williston, N. Dak	28.015	.036	.074	.981	.913	.912	.920	.898	.988	.958	.111	.006	.984
Wilmington, N. C	30.029	.986	.961	.938	.928	.920	.968	.973	.010	.037	.016	.042	.984
Winnemucca, Nev	25.781	.714	.655	.568	.626	.615	.614	.623	.641	.668	.732	.827	.672
Yankton, S. Dak	28.781	.776	.763	.698	.655	.654	.618	.608	.708	.649	.825	.744	.706
Yuma, Ariz	29.863	.812	.723	.680	.636	.585	.548	.614	.608	.726	.833	.922	.712
West Indian stations.													
Basseterre, St. Kitts	29.949	.003	.982	.948	.955	.962	.965	.954	.917	.886	.879	.964	.947
Bridgetown, Barbados	29.891	.954	.931	.909	.912	.934	.914	.912	.893	.858	.848	.914	.906
Cienfuegos, Cuba	29.966	.988	.....	.881	.871	.888	.926	.931	.857	.852	.932	.962	.....
Grand Turk, Turks Island	(c)	.....	.....	.....	.....	.....	.026	.025	.956	.939	.995	.050	.....
Havana, Cuba	29.990	.009	.974	.919	.887	.897	.946	.959	.866	.867	.961	.984	.938
Kingston, Jamaica	(a)	.682	.658	.627	.612	.612	.640	.637	.596	.575	.608	.659	.....
Port of Spain, Trinidad	29.840	.890	.870	.858	.866	.891	.870	.877	.866	.829	.820	.877	.863
Puerto Principe, Cuba	29.818	.698	.667	.622	.597	.606	.646	.642	.581	.559	.624	.670	.644
Roseau, Dominica	29.914	.968	.945	.917	.926	.943	.931	.926	.903	.869	.859	.936	.920
San Juan, P. R	29.908	.956	.934	.889	.895	.896	.926	.912	.867	.835	.842	.921	.898
Santiago de Cuba, Cuba	29.879	.915	.892	.852	.833	.834	.874	.868	.818	.800	.838	.892	.858
Santo Domingo, S. D	29.946	.991	.970	.922	.917	.921	.956	.942	.888	.862	.880	.945	.928
Willemstad, Curaçao	28.813	.848	.811	.798	.796	.800	.814	.811	.783	.753	.768	.833	.802

a The base number is 29 inches. b The base number is 27 inches. c The base number is 30 inches.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901.

ABILENE, TEX.

[λ=32° 23′ N.; φ=99° 40′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	28.283	28.62	27.86	40.5	53.5	61.0	37.3	49.2	81	15	32	33	70	48	.193	.203	0.03	0.02	5.0	3.0	5.3
February	28.253	28.63	27.72	34.1	47.3	53.9	32.2	43.0	77	13	28	32	78	60	.156	.185	1.44	.66	5.3	4.9	5.9
March	28.116	28.68	27.64	45.5	63.1	69.4	42.3	55.8	88	23	30	29	56	30	.177	.167	.72	.60	3.4	3.4	3.9
April	28.169	28.45	27.60	52.3	69.2	74.7	50.3	62.5	87	36	42	41	69	40	.281	.274	.98	.74	4.1	4.4	4.3
May	28.057	28.52	27.78	62.8	75.7	82.1	59.5	70.8	96	47	55	54	76	50	.436	.429	7.17	2.51	4.6	4.4	4.9
June	28.090	28.27	27.85	73.2	89.5	92.8	71.2	82.0	99	56	61	55	65	32	.586	.442	T.	T.	3.8	2.5	3.5
July	28.152	28.31	27.94	75.5	89.6	95.4	73.9	84.6	101	67	64	57	69	36	.606	.482	.28	.22	2.7	4.2	4.2
August	28.149	28.34	27.94	75.2	90.6	95.8	73.7	84.8	103	66	63	57	67	34	.578	.473	.81	.72	3.6	3.1	4.1
September	28.148	28.45	27.88	67.4	80.4	86.4	66.5	76.4	96	52	59	58	75	49	.526	.507	1.81	1.48	5.0	4.4	4.9
October	28.276	28.56	28.04	59.9	73.4	79.6	59.0	69.3	92	45	53	52	78	49	.408	.397	.61	.34	3.2	3.7	4.5
November	28.323	28.63	27.96	47.7	59.1	67.4	45.8	56.6	81	33	42	44	81	59	.279	.304	1.50	.89	4.3	1.9	4.2
December	28.243	28.82	27.85	36.4	47.9	57.0	33.3	45.2	80	9	28	29	72	50	.161	.176	.36	.33	2.7	1.9	3.9
Year	28.188	28.82	27.60	55.9	69.9	76.3	53.8	65.0	103	9	46	45	71	45	.361	.337	15.71	2.51	4.0	3.5	4.5

ALBANY, N. Y.

[λ=42° 39′ N.; φ=73° 45′ W.]

January	29.894	30.67	29.00	20.3	25.6	31.9	16.5	24.2	44	− 6	16	19	82	74	.096	.107	1.59	.74	6.6	5.4	6.1
February	29.767	30.28	29.39	14.1	20.8	26.1	12.2	19.2	40	0	8	13	76	69	.063	.078	.56	.54	4.2	4.3	4.6
March	29.803	30.31	29.29	30.0	33.8	40.3	25.4	32.8	52	6	25	26	80	73	.139	.149	4.14	1.67	6.9	7.8	7.2
April	29.881	30.41	29.36	45.6	51.6	57.6	41.4	49.5	84	31	37	40	73	68	.225	.254	4.66	1.70	7.5	7.3	7.0
May	29.769	30.10	29.37	55.3	60.5	67.3	50.8	59.0	80	41	47	50	75	70	.333	.371	4.79	.92	7.1	6.4	6.2
June	29.849	30.13	29.60	66.7	72.5	80.3	60.1	70.2	99	49	56	58	68	63	.463	.520	3.14	1.36	4.4	4.2	4.4
July	29.830	30.19	29.64	71.7	77.3	85.7	66.0	75.8	98	57	64	66	78	68	.606	.640	4.26	1.25	5.6	5.5	5.4
August	29.925	30.16	29.68	68.6	73.8	81.5	64.5	73.0	89	58	62	64	79	72	.555	.601	4.51	2.90	5.8	5.5	5.9
September	29.958	30.45	29.46	60.0	65.9	74.4	55.6	65.0	91	38	54	58	82	76	.438	.497	2.96	.69	4.2	3.3	4.8
October	30.016	30.57	29.45	46.3	52.8	62.2	42.3	52.2	78	29	40	42	79	68	.260	.282	2.48	2.02	4.7	2.2	4.3
November	29.887	30.36	29.21	31.2	34.5	41.2	27.8	34.5	63	11	27	29	84	80	.151	.164	2.02	1.25	6.6	5.7	6.6
December	29.961	30.49	29.36	23.3	28.1	34.6	19.0	26.8	63	− 7	20	24	87	83	.126	.140	5.42	1.80	6.0	5.3	7.0
Year	29.878	30.67	29.00	44.4	49.8	56.9	40.1	48.5	99	− 7	38	41	79	72	.288	.317	40.53	2.90	5.8	5.2	5.8

ALPENA, MICH.

[λ=45° 5′ N.; φ=83° 30′ W.]

January	29.287	29.98	28.45	18.9	21.9	26.9	14.0	20.4	44	− 8	16	18	86	84	.092	.101	1.20	.40	9.2	7.5	7.7
February	29.303	29.80	28.90	9.9	17.5	23.0	7.2	15.1	32	− 4	8	13	89	80	.059	.076	.35	.20	6.2	5.3	6.0
March	29.181	29.57	28.58	22.9	27.6	32.8	18.2	25.5	44	− 5	19	22	86	79	.110	.123	3.25	.92	7.5	6.3	7.5
April	29.470	29.87	29.03	40.2	43.7	50.0	34.8	42.4	65	23	33	34	78	70	.199	.204	1.51	.62	6.1	6.7	6.4
May	29.249	29.69	28.89	49.3	52.1	59.0	42.1	50.6	68	33	44	45	84	78	.299	.305	2.70	1.15	6.5	6.8	6.8
June	29.286	29.56	28.97	59.5	61.7	69.9	52.0	61.0	95	38	52	53	79	74	.412	.415	1.11	.41	5.3	6.3	5.2
July	29.299	29.60	28.94	67.5	70.4	77.2	60.0	68.6	98	52	60	60	77	71	.518	.523	3.95	1.19	4.9	6.4	5.4
August	29.373	29.58	29.06	63.0	66.3	72.5	56.0	64.2	87	48	58	58	85	77	.492	.501	2.25	.69	5.1	5.5	5.3
September	29.378	29.86	28.78	54.9	59.7	67.3	50.4	58.8	90	35	50	51	83	74	.367	.390	3.36	1.30	5.9	5.2	5.5
October	29.388	29.80	28.80	43.4	47.6	55.7	39.0	47.4	76	24	38	40	83	76	.243	.258	3.06	1.15	7.4	5.0	6.6
November	29.383	29.85	28.77	31.1	33.9	38.4	27.2	32.8	58	12	27	28	82	77	.146	.155	.85	.31	8.6	8.0	8.7
December	29.325	29.72	28.72	20.8	23.6	29.2	17.6	23.4	44	1	18	20	87	84	.105	.115	1.64	.82	8.7	7.4	8.8
Year	29.327	29.98	28.45	40.1	43.8	50.2	34.9	42.5	98	− 8	35	37	83	77	.254	.264	25.23	1.30	6.8	6.4	6.7

AMARILLO, TEX.

[λ=35° 13′ N.; φ=101° 50′ W.]

January	26.272	26.58	25.91	30.0	45.2	53.9	26.0	40.0	73	4	17	18	58	37	.093	.100	.03	.02	4.2	3.1	4.5
February	26.240	26.57	25.77	25.7	37.4	45.5	22.0	33.8	72	6	22	24	85	59	.118	.130	.48	.22	4.0	4.3	4.8
March	26.144	26.63	25.64	34.9	52.0	58.5	31.4	45.0	82	18	21	18	57	29	.112	.102	.02	.02	3.2	2.6	3.4
April	26.212	26.50	25.69	43.0	61.2	66.8	40.8	53.8	84	26	33	32	69	41	.201	.206	4.80	2.90	4.2	4.4	4.2
May	26.176	26.60	25.85	53.8	67.1	71.8	51.3	61.6	85	39	48	46	81	51	.337	.324	5.99	1.83	4.0	5.4	4.2
June	26.178	26.40	25.94	64.2	82.0	86.0	60.3	73.2	97	49	53	52	68	37	.410	.398	.92	.70	2.1	2.1	2.1
July	26.276	26.43	26.02	68.4	83.5	88.4	66.0	77.2	96	62	59	56	73	42	.502	.447	1.56	.67	3.7	4.5	3.9
August	26.304	26.47	26.08	66.2	82.4	88.0	64.7	76.4	96	60	59	56	79	43	.501	.458	3.03	.94	3.8	3.5	3.3
September	26.243	26.50	25.94	58.9	71.3	78.4	57.0	67.7	88	42	53	51	82	53	.425	.399	2.19	.61	4.6	4.0	4.0
October	26.341	26.64	26.13	50.5	62.7	70.1	48.8	59.4	80	33	45	46	82	56	.306	.317	3.26	2.19	3.9	3.8	3.8
November	26.346	26.63	26.09	39.3	50.7	59.9	36.6	48.2	73	31	33	34	78	57	.192	.206	2.00	1.12	3.2	2.3	4.0
December	26.242	26.68	25.86	29.3	38.7	48.3	25.6	37.0	74	−1	20	21	76	51	.111	.112	.04	.02	3.4	2.8	3.2
Year	26.248	26.68	25.64	47.0	61.2	68.0	44.2	56.1	97	−1	39	38	74	46	.276	.266	24.42	2.90	3.7	3.6	3.8

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901.

ABILENE, TEX.

[H=1,738 ft.; h_t=45 ft.; h_r=36 ft.; h_a=54 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Wind. By self-register. Prevailing direction.	Wind. By self-register. Maximum velocity.	Wind. By self-register. Direction at time of maximum velocity.	Wind. By self-register. Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	8.5	S.	28	NW.	0	7	1	1	16	16	8	1	12	0	10	12	9	2	0	0	0	0	1	0	9	0	0
February	9.1	NW.	36	W.	0	10	4	2	10	7	3	5	15	0	7	11	10	9	8	5	0	0	0	0	11	2	0
March	12.8	NW.	42	W.	2	8	1	1	12	11	9	7	13	0	16	11	4	3	3	0	1	0	0	0	2	3	0
April	11.2	SE.	50	W.	2	2	2	6	26	11	4	2	7	0	14	7	9	4	3	0	1	0	0	0	0	3	0
May	9.0	SE.	36	NW.	0	9	7	6	20	7	4	2	7	0	11	10	10	10	9	0	4	0	0	4	0	11	0
June	11.0	SE.	31	SW.	0	2	2	0	46	6	2	0	2	0	18	12	0	0	0	0	0	0	0	26	0	1	0
July	8.7	SE.	31	NE.	0	2	5	7	33	11	1	2	1	0	15	11	5	3	2	0	0	0	0	30	0	8	0
August	6.5	SE.	48	NW.	1	9	7	6	26	8	2	2	2	0	13	11	7	3	2	0	0	0	0	29	0	2	0
September	8.5	SE.	29	NE.	0	3	2	5	36	6	3	0	5	0	12	9	9	6	3	0	0	0	0	8	0	4	0
October	8.6	SE.	30	SE.	0	7	1	2	38	7	3	3	1	0	15	8	8	5	4	0	0	0	0	1	0	3	0
November	8.6	SE.	32	N.	0	11	1	1	17	17	0	3	9	1	13	13	4	4	3	0	0	0	0	0	0	2	0
December	9.9	NW.	31	NW.	0	11	1	1	14	8	4	4	19	0	16	9	6	2	1	1	1	1	2	0	11	1	0
Year	9.4	SE.	50	W.	5	81	34	38	294	115	43	31	93	1	160	124	81	51	38	6	7	1	3	98	33	40	0

ALBANY, N. Y.

[H=97 ft.; h_t=102 ft.; h_r=100 ft.; h_a=115 ft.]

January	8.7	N.	33	S.	0	16	2	1	2	13	0	8	20	0	10	8	13	12	8	7	0	1	15	0	31	0	0
February	9.4	W.	32	W.	0	9	1	1	9	9	2	13	21	0	12	10	6	2	1	2	0	0	22	0	28	0	0
March	9.5	S.	46	SE.	1	14	2	0	0	25	1	11	9	0	5	9	17	13	9	4	0	1	2	0	24	0	0
April	8.6	N.	29	N.	0	25	4	2	3	8	1	7	10	0	8	1	21	16	12	0	0	0	0	0	2	0	0
May	7.5	S.	30	N.	0	11	5	1	8	23	1	5	8	0	11	5	15	17	17	0	1	0	0	0	0	4	0
June	7.4	S.	36	SE.	0	6	2	0	8	26	0	10	8	0	13	13	4	11	7	0	0	0	0	5	0	6	0
July	6.5	S.	26	N.	0	12	1	0	10	22	1	7	9	0	9	16	6	15	10	0	0	0	0	8	0	12	0
August	6.2	S.	24	S.	0	13	2	1	9	23	0	8	6	0	8	11	12	14	11	0	0	0	0	0	0	5	0
September	5.9	S.	32	N.	0	13	1	0	2	23	2	8	11	0	15	5	10	10	8	0	0	0	0	1	0	2	0
October	7.7	S.	30	SE.	0	6	4	1	10	22	3	4	12	0	17	10	4	6	3	0	0	1	0	0	2	1	0
November	7.3	NW.	24	W.	0	6	5	2	3	12	3	8	21	0	9	3	18	11	5	5	0	2	4	0	21	0	0
December	8.0	NW.	36	SE.	0	16	5	1	6	12	2	8	12	0	3	12	16	12	10	8	0	2	11	0	25	0	0
Year	7.7	S.	46	SE.	1	147	34	10	61	218	16	97	147	0	120	103	142	139	101	26	1	7	54	14	133	30	0

ALPENA, MICH.

[H=609 ft.; h_t=63 ft.; h_r=54 ft.; h_a=80 ft.]

January	12.2	W.	38	E.	0	3	3	2	1	7	13	20	13	0	6	4	21	14	9	14	0	0	23	0	31	0	0
February	10.2	W.	33	NW.	0	2	2	1	3	3	5	21	19	0	7	7	14	7	2	7	0	0	27	0	28	0	0
March	14.2	E.	54	SE.	4	6	7	15	4	1	10	9	10	0	6	4	21	11	11	9	0	0	13	0	29	1	0
April	10.4	N.	31	NE.	0	20	12	4	11	1	1	0	11	0	9	3	18	6	5	2	0	0	0	0	11	0	0
May	9.6	NE.	33	NE.	0	11	16	6	9	4	1	5	10	0	6	7	18	15	12	0	0	1	0	0	0	5	0
June	8.7	SE.	35	SE.	0	7	0	9	24	3	1	7	8	1	11	8	11	12	8	9	0	0	0	1	0	8	0
July	8.8	SE.	32	N.	0	6	3	9	14	2	5	6	16	1	12	9	10	14	8	0	0	0	0	2	0	7	0
August	7.3	SE.	41	NW.	1	2	3	6	16	7	6	6	16	0	13	6	12	13	10	0	0	0	0	0	0	7	0
September	9.9	NW.	42	W.	1	6	5	5	6	12	7	8	10	1	8	11	11	10	7	0	0	1	0	0	0	4	0
October	10.4	NW.	39	SE.	0	6	1	0	6	7	14	16	12	0	6	11	14	16	11	2	0	0	0	0	6	1	0
November	12.3	NW.	34	NW.	0	0	1	1	2	6	11	14	25	0	2	5	23	9	6	6	0	0	3	0	24	0	0
December	9.6	W.	42	NW.	1	2	2	0	2	8	10	22	16	0	1	7	23	9	6	9	0	0	17	0	29	0	0
Year	10.3	NW.	54	SE.	7	71	55	58	98	61	84	134	166	3	87	82	196	136	95	49	0	2	83	3	158	33	0

AMARILLO, TEX.

[H=3,676 ft.; h_t=54 ft.; h_r=46 ft.; h_a=61 ft.]

January	13.7	SW.	44	SW.	3	5	10	3	7	5	19	4	9	0	13	10	8	2	0	1	0	0	1	0	24	0	0
February	15.0	SW.	44	SW.	3	9	8	1	9	7	14	0	8	0	10	12	6	4	3	2	0	3	3	0	25	1	0
March	18.5	SW.	55	NW.	10	10	5	2	7	4	18	3	12	1	19	8	4	1	0	1	0	0	0	0	18	0	0
April	18.9	SE.	80	NW.	9	4	4	2	19	10	13	3	5	0	15	7	8	9	8	2	2	0	0	0	4	5	0
May	18.4	SE.	51	SW.	4	3	11	1	16	7	11	1	12	0	15	10	6	10	10	0	2	0	0	0	0	8	0
June	19.2	S.	72	SW.	7	1	1	1	17	20	18	0	2	0	22	8	0	3	2	0	2	0	0	0	8	7	0
July	16.1	S.	41	S.	2	0	2	2	20	20	15	0	3	0	15	11	5	8	8	0	0	0	0	0	12	13	0
August	11.9	SE.	41	NW.	1	2	7	2	24	14	11	0	2	0	19	11	1	11	9	0	0	0	0	0	10	15	0
September	17.1	SE.	44	SW.	5	0	6	1	21	10	19	0	2	1	13	11	6	8	7	0	0	0	0	0	0	9	0
October	15.1	SE.	42	N.	2	5	5	1	19	8	15	1	8	0	15	12	4	6	5	0	1	0	0	0	0	4	0
November	14.5	SW.	47	N.	1	2	8	2	12	6	18	3	9	0	13	13	4	4	4	0	0	0	0	0	4	1	0
December	15.8	NW.	48	N.	6	7	4	3	9	5	12	5	17	0	21	5	5	2	0	2	0	0	5	0	25	0	0
Year	15.8	SW.	80	NW.	53	48	71	21	180	116	183	20	89	2	190	118	57	68	56	8	7	3	9	30	100	63	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

ASTORIA, OREG.

[λ=46° 11′ N.; φ=124° 00′ W.]

Month.	Pressure.	Temperature.								Moisture.								
		Extremes.		Mean.					Extremes.	Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January						45.5	36.2	40.9	54	30							10.84	2.72	6.5	7.2	6.9
February						48.0	36.4	42.2	58	28							9.49	2.46	6.5	6.9	6.4
March						50.9	39.4	45.2	62	33							8.59	1.76	5.7	6.1	6.4
April						53.1	39.7	46.4	62	34							7.84	2.44	6.5	7.1	6.2
May						57.7	45.8	51.8	78	39							3.23	1.78	7.3	6.7	6.6
June						59.4	48.2	53.9	76	42							3.14	.80	8.0	7.4	7.5
July						63.8	50.6	57.2	70	43							1.12	.92	7.3	4.8	5.3
August						66.7	53.5	60.0	84	49							.06	.04	8.2	4.0	3.9
September						63.2	50.1	56.7	81	45							4.71	1.48	6.2	5.1	5.2
October						62.6	51.5	57.1	74	46							4.38	1.14	6.6	6.7	6.1
November						55.2	44.3	49.8	64	38							14.56	4.42	7.6	8.2	8.2
December						47.6	37.8	42.7	56	30							9.91	2.38	6.5	7.1	6.9
Year						56.1	44.4	50.3	84	28							77.87	4.42	6.9	6.4	6.3

ATLANTA, GA.

[λ=33° 45′ N.; φ=84° 23′ W.]

January	28.858	29.40	28.39	38.7	46.5	52.4	35.9	44.2	66	23	33	36	80	68	.205	.227	5.95	2.69	6.1	4.0	5.1
February	28.810	29.10	28.56	34.1	43.5	49.5	32.6	41.0	68	19	26	29	72	58	.148	.171	4.04	2.58	5.3	4.8	5.3
March	28.751	29.17	28.28	45.3	55.1	61.4	41.8	51.6	75	17	38	38	76	54	.252	.247	5.71	2.69	5.8	3.6	5.0
April	28.751	29.20	28.36	49.3	57.5	63.0	46.5	54.8	85	36	40	42	71	60	.250	.273	5.27	2.74	5.2	5.5	6.3
May	28.639	28.85	28.39	62.9	71.1	79.2	59.5	69.4	89	47	53	52	72	55	.413	.399	7.55	4.86	4.9	5.4	4.5
June	28.798	28.96	28.59	72.0	78.1	86.3	67.1	76.7	95	59	64	65	77	66	.603	.621	3.10	1.05	5.4	5.3	4.0
July	28.798	28.96	28.64	74.4	81.1	90.1	70.6	80.4	98	62	68	68	82	66	.693	.682	5.37	2.76	5.7	5.7	4.4
August	28.786	28.90	28.62	71.0	76.0	84.1	68.0	76.0	91	65	67	67	88	75	.662	.664	9.83	3.84	5.9	6.2	6.1
September	28.820	29.00	28.64	64.3	71.6	78.5	62.0	70.2	88	49	59	60	84	68	.516	.522	3.76	2.33	3.7	3.8	4.4
October	28.932	29.15	28.56	54.7	64.6	71.5	52.2	61.8	80	41	45	45	71	52	.311	.316	.59	.40	2.4	0.6	2.4
November	28.899	29.18	28.56	40.8	49.5	56.1	38.4	47.2	76	25	31	30	68	49	.188	.178	.99	.49	4.3	1.9	4.1
December	28.818	29.16	28.23	35.9	41.7	48.0	31.6	39.8	68	6	31	32	82	68	.201	.206	7.61	4.58	5.1	5.0	5.7
Year	28.805	29.40	28.23	53.6	61.4	68.3	50.5	59.4	98	6	46	47	77	62	.370	.376	59.77	4.86	4.8	4.3	4.8

ATLANTIC CITY, N. J.

[λ=39° 22′ N.; φ=74° 26′ W.]

January	29.948	30.64	29.12	31.8	33.8	39.8	27.5	33.6	56	7	26	26	78	74	.149	.153	3.16	1.60	5.3	4.7	4.8
February	29.870	30.31	29.51	24.1	28.6	34.6	20.9	27.8	49	13	17	18	72	64	.097	.101	.94	.70	3.5	3.1	4.4
March	29.869	30.34	29.24	38.0	40.3	46.9	33.4	40.2	60	12	32	34	79	80	.189	.203	3.31	1.05	5.3	5.6	6.0
April	29.863	30.39	29.21	45.0	45.5	50.5	40.7	45.6	57	35	40	40	82	81	.246	.247	3.46	.81	6.2	6.2	6.9
May	29.817	30.10	29.42	54.5	54.1	61.0	49.6	55.3	78	40	50	50	86	86	.364	.359	5.11	1.12	5.5	5.4	6.4
June	29.947	30.16	29.71	65.9	65.5	72.6	60.3	66.4	94	50	60	61	84	86	.539	.548	.98	.57	3.1	3.6	3.9
July	29.905	30.13	29.76	75.7	73.7	81.1	69.8	75.4	96	61	71	70	86	88	.768	.734	1.89	.49	4.9	5.2	5.2
August	29.982	30.14	29.83	73.6	73.3	77.8	69.4	73.6	85	62	68	69	84	88	.699	.717	5.88	3.21	4.3	4.7	3.8
September	30.012	30.41	29.62	67.3	68.8	74.1	62.2	68.2	83	49	61	62	81	79	.550	.564	2.33	.77	3.9	3.2	3.8
October	30.106	30.53	29.60	54.2	57.6	63.4	48.4	55.9	78	36	48	49	80	75	.351	.374	1.18	1.15	3.0	2.6	3.5
November	29.966	30.40	29.28	37.9	41.3	47.6	33.6	40.6	64	20	31	33	75	71	.183	.193	2.09	2.05	4.6	4.5	5.4
December	30.022	30.45	29.45	32.6	36.1	41.5	28.1	34.8	57	12	29	31	84	82	.171	.190	6.00	1.33	5.0	4.3	5.5
Year	29.942	30.64	29.12	50.0	51.6	57.6	45.3	51.4	96	7	44	45	81	80	.359	.365	36.33	3.21	4.6	4.4	5.0

AUGUSTA, GA.

[λ=33° 28′ N.; φ=81° 54′ W.]

January	29.906	30.53	29.44	39.6	49.4	56.1	37.3	46.7	73	28	34	37	82	62	.212	.235	4.59	1.30	4.6	2.6	4.3
February	29.851	30.17	29.56	37.5	49.1	54.6	35.6	45.1	73	19	31	32	78	52	.186	.187	4.16	1.94	4.6	4.7	4.1
March	29.809	30.30	29.30	47.6	58.7	65.3	44.0	54.6	80	23	40	39	77	50	.280	.263	5.60	2.81	5.3	3.3	4.6
April	29.779	30.24	29.41	51.1	61.2	66.7	46.0	56.4	83	38	42	40	73	49	.276	.257	3.86	1.42	3.9	3.8	4.3
May	29.647	29.88	29.43	66.6	74.6	83.0	61.8	72.4	91	51	60	58	79	59	.521	.482	5.29	1.94	3.7	5.1	4.6
June	29.807	30.01	29.62	74.3	80.9	87.3	69.6	78.4	98	60	68	68	82	66	.700	.682	3.71	1.59	4.9	6.4	5.2
July	29.805	29.98	29.64	77.0	82.5	91.1	73.2	82.2	99	70	71	71	82	69	.761	.752	3.44	1.30	4.3	5.6	4.7
August	29.812	29.92	29.69	74.8	78.6	87.4	71.3	79.4	92	66	72	71	90	79	.775	.768	8.68	2.62	6.1	5.6	5.9
September	29.835	30.05	29.54	68.9	75.3	83.3	65.5	74.4	92	56	64	64	84	69	.603	.616	5.03	4.41	4.0	2.5	3.9
October	29.902	30.21	29.54	54.9	64.4	74.8	51.5	63.2	86	39	49	54	82	69	.364	.426	1.61	1.41	1.8	1.0	1.9
November	29.944	30.23	29.62	41.6	51.6	60.6	38.9	49.8	79	25	36	37	83	61	.227	.237	1.09	.42	4.0	2.4	3.2
December	29.897	30.27	29.30	38.1	47.7	53.7	35.0	44.4	73	13	34	40	86	74	.277	.271	3.88	1.85	5.5	4.2	5.9
Year	29.838	30.53	29.30	56.0	64.5	72.0	52.5	62.2	99	13	50	51	82	63	.428	.431	50.94	4.41	4.4	3.9	4.4

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

ASTORIA, OREG.

[H=20 ft.; h_t=57 ft.; h_r=36 ft.; h_a=64 ft.]

Month.	Wind.														Number of days.													
	By self-register.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.					Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January		E.				1	10	19	5	5	9	6	5	2	5	10	16	22	20	3	2	1	0	0	1	1	0
February		E.				1	12	18	3	4	9	4	5	0	7	7	14	16	15	1	1	1	0	0	4	0	0
March		NW.				2	6	8	1	7	9	12	17	0	6	14	11	22	20	0	1	2	0	0	0	1	0
April		NW.				1	4	4	2	5	16	8	20	0	7	8	15	17	13	0	0	1	0	0	0	0	0
May		SW.				1	3	1	1	7	25	9	15	0	6	10	15	17	11	0	0	0	0	0	0	0	0
June		NW.				2	1	2	0	6	15	10	24	0	4	6	20	17	15	0	0	3	0	0	0	0	0
July		NW.				2	1	1	0	9	11	6	32	0	8	18	5	7	4	0	0	0	0	0	0	0	0
August		SW.				2	1	0	0	9	23	11	16	0	16	9	6	2	1	0	0	2	0	0	0	0	0
September		NW.				3	5	8	2	12	8	6	16	0	11	8	11	12	11	0	0	0	0	0	0	0	0
October		S.				0	6	6	7	16	15	7	5	0	10	4	17	15	10	0	0	4	0	0	0	0	0
November		NE.				0	16	6	9	5	15	6	3	0	0	8	22	25	23	0	2	1	0	0	0	1	0
December		NE.				0	28	7	1	11	6	5	4	0	8	4	19	17	16	0	0	1	0	0	2	0	0
Year		NW.				15	93	80	31	96	161	90	162	2	88	106	171	189	159	4	6	16	0	0	7	3	0

ATLANTA, GA.

[H=1,174 ft.; H_1=1,218 ft.; h_t=190 ft.; h_r=182 ft.; h_a=216 ft.]

January	12.8	NW.	45	NW.	3	4	7	7	3	2	7	7	25	0	11	10	10	13	12	0	0	0	0	0	12	0	0
February	13.6	NW.	43	NW.	2	3	1	4	1	3	5	13	26	0	9	11	8	8	7	1	0	0	1	0	12	1	0
March	13.1	SW.	40	NW.	1	0	1	3	8	9	15	12	13	1	11	11	9	11	8	0	0	2	1	0	5	2	0
April	13.1	NW.	56	NW.	2	1	5	5	11	2	3	7	26	0	11	5	14	11	7	0	1	0	0	0	4	0	0
May	9.1	NW.	47	NW.	1	1	2	4	5	3	9	15	23	0	10	15	6	9	7	0	0	0	0	0	8	0	0
June	7.0	SW.	37	NE.	0	4	7	4	7	8	10	7	12	1	13	15	2	13	8	0	0	0	0	7	0	10	0
July	6.7	NW.	37	NE.	0	5	8	4	12	5	15	3	10	0	14	14	3	10	8	0	0	0	0	17	0	16	0
August	7.5	SE.	43	SE.	2	2	6	7	20	10	5	3	9	0	5	19	7	19	15	0	0	3	0	2	0	12	0
September	10.5	E.	31	S.	0	4	10	21	5	6	2	4	8	0	16	7	7	10	7	0	0	2	0	0	0	0	0
October	10.6	NW.	33	SE.	0	8	6	17	9	4	0	0	18	0	23	6	2	3	3	0	0	0	0	0	0	1	0
November	13.8	NW.	37	NW.	0	7	5	5	5	2	3	5	28	0	15	10	5	4	4	1	0	1	0	0	4	0	0
December	14.7	NW.	56	NW.	3	1	1	9	10	8	8	5	20	0	10	8	13	14	11	2	0	5	5	0	13	0	0
Year	11.0	NW.	56	NW.	14	40	59	90	96	62	82	81	218	2	148	131	86	125	97	4	1	13	7	26	46	54	0

ATLANTIC CITY, N. J.

[H=52 ft.; h_t=68 ft.; h_r=58 ft.; h_a=76 ft.]

January	12.5	NW.	60	NW.	1	14	9	0	3	3	8	8	17	0	10	14	7	10	8	4	0	5	3	0	20	0	0
February	15.1	NW.	55	NW.	4	4	1	1	1	0	5	8	36	0	12	11	5	6	3	4	0	1	11	0	28	0	0
March	12.9	NW.	38	NW.	0	3	3	11	3	4	15	9	14	0	6	12	13	14	8	2	0	6	1	0	8	2	0
April	14.6	NE.	44	NE.	3	9	14	7	8	2	8	0	12	0	6	9	15	13	8	0	0	7	0	0	0	0	0
May	11.0	SW.	42	NW.	1	3	13	8	5	10	13	2	8	0	6	12	13	13	11	0	1	11	0	0	0	6	0
June	9.7	SW.	24	S.	0	2	5	8	1	6	23	9	6	0	15	12	3	5	3	0	0	5	0	1	0	0	0
July	8.8	SW.	36	NW.	0	4	4	7	3	6	28	6	4	0	8	17	6	12	10	0	0	0	0	2	0	8	0
August	8.9	SW.	26	SW.	0	5	6	13	5	9	23	0	1	0	15	11	5	9	8	0	0	0	0	0	0	2	0
September	9.4	SW.	30	NE.	0	12	12	6	4	2	12	6	6	0	15	11	4	12	8	0	0	2	0	0	0	3	0
October	10.2	SW.	31	SW.	0	9	5	7	5	3	11	9	13	0	15	12	4	4	1	0	0	2	0	0	0	0	0
November	12.0	NW.	41	SE.	1	7	3	3	0	1	4	16	26	0	8	12	10	3	3	0	0	1	1	0	11	0	0
December	12.3	N.	41	NW.	2	15	3	1	4	7	10	7	15	0	10	11	10	10	9	2	0	2	8	0	16	0	0
Year	11.4	SW.	60	NW.	12	87	78	72	42	53	160	80	158	0	126	144	95	111	80	12	1	42	24	3	83	21	0

AUGUSTA, GA.

[H=180 ft.; h_t=89 ft.; h_r=54 ft.; h_a=103 ft.]

January	7.0	NW.	38	NW.	0	4	7	2	5	3	7	13	20	1	16	7	8	10	7	0	0	1	0	0	6	0	0
February	6.7	NW.	27	W.	0	5	3	2	4	5	3	19	15	0	13	9	6	6	5	1	0	0	0	0	10	0	0
March	8.5	W.	32	W.	0	2	0	4	5	13	10	20	7	1	13	9	9	9	8	0	0	0	0	0	4	3	0
April	8.2	NW.	28	W.	0	8	8	0	8	1	2	10	23	0	17	4	9	8	5	0	0	0	0	0	0	0	0
May	5.9	W.	38	N.	0	4	4	1	8	10	9	17	9	0	10	15	6	12	8	0	0	0	0	4	0	9	0
June	5.3	SE.	32	N.	0	4	5	4	7	14	9	10	7	0	9	14	7	11	7	0	0	0	0	9	0	5	0
July	5.4	S.	30	S.	0	5	4	2	7	12	18	7	6	1	11	15	5	11	8	0	0	0	0	17	0	6	0
August	5.0	SE.	36	SW.	0	3	6	7	20	14	2	7	2	1	7	17	7	18	17	0	0	0	0	5	0	6	0
September	6.3	NE.	46	NE.	1	12	23	3	3	5	4	5	4	1	16	8	6	6	5	0	0	1	0	6	0	1	0
October	5.3	NW.	24	NW.	0	11	12	6	3	1	3	4	21	1	24	4	3	4	3	0	0	0	0	0	0	1	0
November	6.6	NW.	28	W.	0	8	10	2	2	2	3	14	18	1	19	6	5	5	5	0	0	1	0	0	9	0	0
December	6.5	NW.	30	W.	0	4	9	4	5	5	8	10	15	2	7	11	13	13	10	1	0	3	4	0	14	0	0
Year	6.3	NW.	46	NE.	1	70	91	37	77	85	78	136	147	9	162	119	84	113	88	2	0	6	4	41	43	31	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

BAKER CITY, OREG.

[λ=44° 50′ N.; φ=117° 50′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	26.457	26.95	26.00	26.1	32.7	36.6	22.8	29.7	48	1	21	24	80	68	.115	.127	0.80	0.32	5.4	6.6	6.3
February	26.450	26.91	25.98	25.9	34.1	36.6	23.7	30.2	47	5	22	25	83	67	.122	.137	1.83	.40	6.9	7.4	7.8
March	26.480	26.95	25.95	30.5	42.9	46.6	29.2	37.9	60	22	24	26	76	53	.128	.148	.97	.20	5.8	8.2	7.5
April	26.430	26.79	26.02	33.5	49.5	52.3	32.5	42.4	67	24	24	24	68	41	.131	.131	.92	.52	5.4	6.6	6.1
May	26.388	26.70	26.11	44.8	62.4	66.7	44.3	55.5	80	32	38	38	76	43	.233	.242	1.03	.23	6.8	8.3	7.3
June	26.427	26.62	26.25	43.3	60.5	63.7	43.2	53.4	79	29	34	35	71	41	.204	.215	.96	.36	5.4	7.3	7.1
July	26.400	26.56	26.13	52.1	79.6	81.4	51.6	66.5	93	38	34	37	51	23	.201	.226	.02	.02	1.5	1.9	1.8
August	26.454	26.58	26.30	55.9	81.7	84.4	54.7	70.0	94	44	36	37	59	28	.219	.228	.24	.12	2.7	3.2	3.2
September	26.402	26.70	25.98	43.1	60.0	63.1	41.5	52.3	81	32	31	36	72	44	.201	.212	1.16	.36	4.5	4.3	5.3
October	26.530	26.87	26.15	42.1	61.2	65.9	40.2	53.0	77	25	33	36	70	42	.189	.213	.35	.32	3.5	4.5	4.5
November	26.521	26.80	26.19	35.3	44.3	49.2	32.6	40.9	58	20	27	28	72	52	.147	.150	.70	.33	6.0	8.1	7.9
December	26.592	27.02	26.00	26.4	31.0	35.8	22.9	29.4	47	12	22	25	81	76	.118	.135	1.66	.41	5.1	6.8	6.6
Year	26.461	27.02	25.95	38.2	53.3	56.9	36.6	46.8	94	1	29	31	71	48	.167	.180	10.64	.52	4.9	6.1	6.0

BALTIMORE, MD.

[λ=39° 18′ N.; φ=76° 37′ W.]

January	29.889	30.61	29.14	31.3	35.3	41.6	28.2	34.9	64	14	25	26	76	70	.137	.150	2.45	1.37	6.8	4.3	6.1
February	29.828	30.23	29.44	24.7	30.3	36.8	22.2	29.5	49	14	15	18	65	59	.087	.100	.65	.50	4.3	3.5	4.3
March	29.786	30.22	29.21	38.7	44.7	52.0	35.5	43.8	74	18	33	35	80	69	.197	.216	3.58	1.55	6.2	5.3	5.1
April	29.801	30.33	28.97	48.1	52.2	57.7	43.7	50.7	86	37	36	40	66	65	.216	.247	5.53	1.83	6.3	6.9	6.5
May	29.726	30.03	29.42	59.3	63.3	69.8	53.8	61.8	83	47	50	53	74	72	.375	.413	3.67	.80	8.2	6.6	6.3
June	29.858	30.08	29.63	71.7	74.4	82.0	63.2	72.6	99	52	60	63	68	69	.538	.592	.90	.49	4.0	5.5	4.4
July	29.818	30.04	29.66	78.4	79.5	89.1	71.8	80.4	103	64	69	71	75	76	.720	.760	6.18	2.00	5.3	6.0	5.6
August	29.883	30.06	29.72	74.5	76.8	83.8	69.6	76.7	93	61	67	68	78	76	.668	.704	6.73	3.28	6.1	4.9	5.5
September	29.931	30.33	29.54	66.4	68.5	77.3	59.6	68.4	92	46	59	61	77	77	.514	.548	2.50	.60	4.8	2.5	5.3
October	30.033	30.47	29.53	52.4	56.6	66.3	47.1	56.7	81	37	43	45	72	67	.298	.318	1.52	1.06	3.1	1.5	3.6
November	29.918	30.34	29.25	38.4	42.2	49.1	34.6	41.8	65	24	30	33	71	71	.170	.196	2.26	2.04	4.8	3.9	5.6
December	29.950	30.38	29.38	31.2	35.5	42.0	28.3	35.2	65	11	27	29	84	76	.158	.173	7.07	2.88	4.4	3.5	5.4
Year	29.868	30.61	28.97	51.3	54.9	62.3	46.5	54.4	103	11	43	45	74	71	.340	.368	43.04	3.28	5.4	4.5	5.3

BASSETERRE, ST. KITTS, WEST INDIES.

[λ=17° 18′ N.; φ=62° 43′ W.]

January	29.950	30.15	29.82	78.2	75.6	82.1	72.5	77.3	85	68	68	68	71	78	.680	.686	3.31	1.04	4.5	3.3	4.7
February	29.978	30.10	29.90	78.2	75.2	82.4	71.3	76.8	84	68	68	68	71	79	.681	.685	2.06	1.11	4.5	2.7	3.9
March	29.981	30.11	29.84	79.0	76.3	82.8	72.7	77.8	85	68	67	67	66	74	.655	.668	.81	.24	3.7	2.0	2.8
April	29.922	30.04	29.85	80.5	77.8	84.6	74.3	79.4	86	68	69	69	68	74	.702	.708	1.42	.75	3.7	1.8	3.6
May	29.908	30.01	29.83	81.8	79.4	85.4	76.0	80.7	87	69	72	72	72	78	.783	.783	1.17	.35	5.7	3.2	5.5
June	29.954	30.05	29.91	82.0	79.5	84.7	74.7	79.7	86	71	73	72	74	79	.806	.795	7.08	2.84	6.7	4.6	6.3
July	29.924	30.02	29.86	82.1	79.7	85.2	75.8	80.5	87	71	73	73	75	80	.818	.812	6.18	2.21	5.8	5.1	5.5
August	29.922	30.02	29.84	82.6	81.0	86.6	76.5	81.6	88	71	73	73	74	78	.821	.818	3.47	.58	4.9	4.3	4.3
September	29.884	29.96	29.76	83.2	79.9	86.7	75.9	81.3	89	72	74	74	74	83	.888	.894	8.28	4.01	5.3	4.8	4.4
October	29.822	29.94	29.65	83.0	78.4	86.4	74.9	80.6	88	68	74	74	74	86	.840	.827	7.78	1.71	5.3	5.1	5.0
November	29.879	30.01	29.71	81.3	77.8	84.3	74.9	79.6	87	69	73	72	76	83	.809	.792	16.80	6.69	5.0	4.7	4.8
December	29.906	30.02	29.84	79.5	76.9	82.8	73.1	78.0	84	70	70	70	73	79	.786	.728	2.79	.61	4.4	3.9	4.5
Year	29.919	30.15	29.65	81.0	78.1	84.5	74.4	79.4	89	68	71	71	72	79	.764	.761	61.15	6.69	5.0	3.8	4.6

BINGHAMTON, N. Y.[a]

[λ=42° 8′ N.; φ=75° 55′ W.]

January	29.029	29.71	28.25	21.9	.....	32.4	17.9	25.2	47	— 4	17	.....	79	.....	.099	.....	.76	.30	7.8	.....	7.1
February	28.935	29.35	28.60	14.0	.....	24.1	9.8	17.0	37	— 8	8	.....	76	.....	.062	.....	1.09	.45	7.0	.....	5.8
March	28.949	29.24	28.56	29.3	.....	40.3	24.1	32.2	57	0	23	.....	75	.....	.131	.....	2.95	.76	7.1	.....	7.3
April	29.042	29.58	28.57	41.8	.....	54.1	37.7	45.9	80	27	35	.....	76	.....	.208	.....	4.20	1.29	7.2	.....	6.9
May	28.939	29.29	28.64	53.4	.....	65.9	48.2	57.0	84	36	47	.....	80	.....	.329	.....	5.49	1.09	7.0	.....	6.4
June	29.050	29.29	28.84	64.5	.....	78.6	57.2	67.9	93	42	58	.....	79	.....	.494	.....	1.77	.78	4.6	.....	4.9
July	29.041	29.34	28.88	71.1	.....	84.3	64.0	74.2	96	52	66	.....	84	.....	.645	.....	3.47	1.78	5.7	.....	5.6
August	29.113	29.31	28.91	65.1	.....	78.3	60.3	69.3	86	47	61	.....	87	.....	.541	.....	3.76	1.24	6.8	.....	6.6
September	29.148	29.55	28.74	55.1	.....	72.1	51.3	61.7	86	33	52	.....	89	.....	.400	.....	3.10	.93	3.5	.....	5.1
October	29.193	29.66	28.79	43.6	.....	60.9	39.9	50.4	75	27	38	.....	81	.....	.241	.....	1.46	.96	4.3	.....	4.8
November	29.060	29.44	28.48	29.9	.....	38.9	25.7	32.3	61	12	27	.....	87	.....	.146	.....	2.31	.86	8.5	.....	8.1
December	29.079	29.53	28.57	23.4	.....	33.9	18.4	26.2	65	— 6	20	.....	85	.....	.120	.....	5.41	2.36	7.0	.....	7.3
Year	29.048	29.71	28.25	42.8	.....	55.3	37.9	46.6	96	— 8	38	.....	82	.....	.285	.....	35.77	2.36	6.4	.....	6.3

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

BAKER CITY, OREG.

[H=3,471 ft.; H_1=3,464 ft.; h_t=53 ft.; h_r=40 ft.; h_a=58 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Wind. By self-registers. Prevailing direction.	Wind. By self-registers. Maximum velocity.	Wind. By self-registers. Direction at time of maximum velocity.	Wind. By self-registers. Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Aurora.
	Miles.		*Mi.*																								
January	6.5	S.	32	SW.	0	1	1	0	13	21	12	1	12	1	8	5	18	12	6	9	0	0	6	0	29	0	0
February	5.2	SE.	25	NW.	0	3	3	0	17	14	0	0	10	9	4	4	20	13	10	6	0	1	7	0	20	0	0
March	5.8	S.	32	SW.	0	8	1	2	9	16	8	3	14	1	2	11	18	13	7	10	0	0	0	0	24	0	0
April	7.0	SE.	32	NW.	0	6	6	0	17	11	7	1	12	0	7	10	13	8	5	4	0	0	0	0	17	0	0
May	6.5	NW.	26	S.	0	10	3	1	12	12	3	1	18	2	3	8	20	10	8	0	0	0	0	0	0	2	0
June	5.8	NW.	24	SW.	0	8	8	1	8	16	2	0	19	3	3	11	16	10	7	1	0	0	0	0	2	4	0
July	6.0	S.	24	NW.	0	9	5	0	12	19	3	1	13	0	26	1	4	1	0	0	0	0	0	3	0	0	0
August	5.7	S.	20	E.	0	6	5	1	12	20	3	1	14	0	19	6	6	3	3	0	0	0	0	6	0	1	0
September	5.7	NW.	24	SW.	0	10	0	1	12	10	6	1	19	1	11	7	12	10	6	0	0	0	0	0	0	1	0
October	5.5	S.	20	SW.	0	5	3	0	14	18	5	1	13	3	15	5	11	4	2	0	0	0	0	0	2	0	0
November	5.6	SE.	23	SE.	0	2	2	1	35	6	7	0	6	1	2	5	23	7	3	1	0	0	0	0	15	0	0
December	5.3	NW.	33	SW.	0	1	6	0	18	9	3	0	22	3	7	7	17	12	8	6	0	1	11	0	25	0	0
Year	5.9	SE.	33	SW.	0	69	38	7	179	172	59	10	172	24	107	80	178	103	65	37	0	2	24	9	134	8	0

BALTIMORE, MD.

[H=123 ft.; h_t=68 ft.; h_r=73 ft.; h_a=82 ft.]

January	5.1	W.	24	W.	0	10	6	5	5	2	6	21	7	0	7	12	12	6	6	2	0	0	3	0	22	0	0
February	6.0	W.	22	SW.	0	5	1	3	1	1	7	21	16	1	12	12	4	4	3	2	0	0	5	0	27	0	0
March	6.7	W.	25	E.	0	3	3	12	6	1	11	19	7	0	11	11	9	12	10	1	0	1	1	0	7	2	0
April	7.5	N.	24	NE.	0	16	8	11	9	1	1	5	7	2	8	4	18	14	10	0	0	0	0	0	0	0	0
May	5.9	E.	24	SE.	0	6	7	15	11	3	7	7	4	2	6	9	16	14	12	0	0	3	0	0	0	3	0
June	4.5	SE.	22	N.	0	3	7	7	13	5	13	5	4	3	13	11	6	7	5	0	0	1	0	6	0	4	0
July	5.0	SW.	24	NE.	0	7	10	4	8	1	22	7	3	0	6	15	10	11	8	0	0	0	0	18	0	10	0
August	4.2	S.	21	NE.	0	9	4	13	10	12	7	2	4	1	8	14	9	11	9	0	0	0	0	1	0	3	0
September	4.6	N.	17	W.	0	12	12	9	6	5	7	2	7	0	9	12	9	12	9	0	0	0	0	1	0	5	0
October	4.1	SE.	19	W.	0	10	7	8	8	5	7	9	8	0	20	5	6	5	4	0	0	2	0	0	0	0	0
November	6.0	W.	32	NE.	0	4	2	3	2	3	9	19	18	0	10	8	12	4	3	1	0	3	0	0	9	0	0
December	5.0	NW.	27	W.	0	11	4	6	10	3	5	8	15	0	12	6	13	12	10	2	0	6	9	0	16	0	0
Year	5.4	W.	32	NE.	0	96	71	96	89	42	102	125	100	9	122	119	124	112	89	8	0	16	18	26	81	27	0

BASSETERRE, ST. KITTS, WEST INDIES.

[H = 29 ft.; h_t = 41 ft.; h_r = 39 ft.; h_a = 54 ft.]

January	9.4	NE.	25	E.	0	13	20	21	1	6	0	0	1	0	11	15	5	14	9	0	0	0	0	0	0	0	0
February	7.7	E.	34	E.	0	3	16	24	4	4	1	3	0	1	12	16	0	14	10	0	0	0	0	0	0	0	0
March	9.9	E.	24	E.	0	1	19	39	1	0	1	0	1	0	23	8	0	11	7	0	0	0	0	0	0	0	0
April	8.0	E.	21	E.	0	6	11	29	6	4	1	0	3	0	15	15	0	7	5	0	0	0	0	0	0	0	0
May	8.8	E.	24	E.	0	2	8	42	6	3	1	0	0	0	3	24	4	14	8	0	0	0	0	0	0	0	0
June	10.3	E.	27	SE.	0	1	17	34	8	0	0	0	0	0	1	20	9	22	20	0	0	0	0	0	0	4	0
July	11.1	E.	38	SE.	0	0	24	32	6	0	0	0	0	0	7	19	5	17	15	0	0	0	0	0	0	3	0
August	9.9	E.	27	SE.	0	0	18	41	3	0	0	0	0	0	14	17	0	23	15	0	0	0	0	0	0	3	0
September	8.3	NE.	47	SE.	1	4	26	21	1	4	2	1	1	0	14	12	4	20	15	0	0	0	0	0	0	3	0
October	6.2	NE.	34	SW.	0	18	23	7	2	6	6	3	2	0	11	12	8	19	19	0	0	0	0	0	0	2	0
November	8.3	E.	34	SW.	0	4	20	27	1	3	2	2	1	0	12	12	6	19	15	0	0	0	0	0	0	0	0
December	9.7	E.	25	E.	0	2	28	32	0	0	0	0	0	0	12	18	1	23	16	0	0	0	0	0	0	0	0
Year	9.0	E.	47	SE.	1	49	230	349	39	30	14	9	9	1	135	188	42	203	154	0	0	0	0	0	0	12	0

BINGHAMTON, N. Y.

[H=875 ft.; h_t=79 ft.; h_r=71 ft.; h_a=90 ft.]

January	7.5	NW.	28	N.	0	6	3	2	1	2	2	4	11	0	5	10	16	16	6	11	0	1	12	0	27	0	0
February	9.0	NW.	31	N.	0	3	3	2	1	0	2	11	6	0	5	13	10	11	6	11	0	0	22	0	28	0	0
March	8.6	NW.	34	SE.	0	2	3	5	6	0	0	3	9	3	5	6	20	17	11	10	0	0	8	0	23	0	0
April	7.3	NE.	25	NE.	0	5	10	2	3	1	1	1	5	2	7	3	20	14	11	3	0	0	0	0	6	0	0
May	6.2	W.	32	NW.	0	2	5	5	6	1	1	7	4	0	7	10	14	19	18	0	0	0	0	0	0	5	0
June	5.5	W.	24	SW.	0	5	4	6	4	1	0	9	1	0	12	10	8	11	8	0	0	0	0	4	0	7	0
July	4.7	W.	27	N.	0	2	6	6	1	0	2	8	4	2	6	18	7	12	7	0	0	2	0	4	0	9	0
August	4.6	E.	22	W.	0	0	8	9	5	1	0	4	1	3	5	13	13	14	10	0	0	6	0	0	0	9	0
September	4.8	E.	26	W.	0	4	5	10	1	1	2	3	3	1	12	8	10	9	7	0	0	10	0	0	0	8	0
October	5.8	W.	26	S.	0	1	8	8	4	2	1	4	6	2	12	11	8	6	5	0	0	5	0	0	4	1	0
November	7.5	NW.	28	W.	0	1	3	4	1	1	1	7	10	2	2	9	19	15	9	10	0	2	5	0	25	0	0
December	6.7	W.	35	SW.	0	2	4	9	3	2	0	5	5	1	4	8	19	18	13	14	0	1	11	0	24	0	0
Year	6.5	W.	35	SW.	0	33	57	68	36	12	12	66	65	16	82	119	164	162	111	59	0	27	58	8	187	34	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

BISMARCK, N. DAK.

[λ=46° 47′ N.; φ=100° 38′ W.]

Month.	Pressure.			Temperature.							Moisture.								Cloudiness.		
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.				
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	28.210	28.75	27.57	8.3	16.8	25.7	3.6	14.6	52	−20	2	6	75	59	.056	.060	0.08	0.01	4.4	3.2	3.7
February	28.338	28.82	27.75	3.0	15.8	22.3	0.4	11.4	56	−16	−4	6	71	64	.036	.068	.16	.08	3.6	2.8	3.7
March	28.173	28.71	27.69	20.6	32.3	37.6	18.0	27.8	63	− 9	14	19	74	56	.087	.109	.96	.46	6.0	5.3	4.7
April	28.254	28.63	27.81	36.8	53.8	58.6	34.6	46.6	89	13	30	35	78	52	.177	.216	.36	.26	6.1	6.0	5.0
May	28.196	28.87	27.86	51.6	71.1	74.9	47.1	61.0	91	26	42	44	70	42	.277	.302	.04	.04	2.3	2.0	2.7
June	28.070	28.43	27.73	56.0	68.6	72.9	52.6	62.8	87	31	51	52	83	59	.382	.417	5.17	1.36	6.3	5.0	5.8
July	28.156	28.43	27.90	64.9	80.1	84.2	62.2	73.2	106	50	59	63	82	58	.509	.581	3.24	1.34	4.9	2.5	3.8
August	28.252	28.47	27.94	59.0	77.5	82.3	57.3	69.8	98	47	53	57	81	52	.404	.475	1.01	.60	4.2	2.9	3.5
September	28.196	28.63	27.54	45.8	60.0	65.1	44.4	54.8	95	22	41	46	84	63	.277	.328	1.47	.63	6.8	5.8	5.7
October	28.265	28.53	27.75	39.6	53.0	61.7	37.5	49.6	82	28	34	40	81	63	.202	.252	1.89	1.07	4.5	3.2	4.0
November	28.321	28.88	27.70	22.2	31.3	40.1	19.0	29.6	64	7	16	23	75	69	.089	.125	.30	.30	5.2	3.3	4.8
December	28.233	28.76	27.73	11.7	15.9	22.5	6.9	14.7	41	−26	6	6	74	62	.064	.065	.96	.54	6.2	4.6	6.9
Year	28.222	28.88	27.54	35.0	48.0	54.0	32.0	43.0	106	−26	29	33	77	58	.213	.249	15.59	1.36	5.0	3.9	4.5

BLOCK ISLAND, R. I.

[λ=41° 10′ N.; φ=71° 36′ W.]

January	29.923	30.65	29.01	30.1	31.6	36.3	25.3	30.8	50	2	23	23	74	70	.131	.133	1.95	1.01	6.2	5.4	5.6
February	29.761	30.28	29.37	22.9	26.1	30.0	20.2	25.1	39	10	13	14	63	58	.079	.084	.83	.48	3.5	2.4	2.9
March	29.874	30.35	29.31	34.6	35.1	40.7	30.4	35.6	52	13	28	30	77	82	.162	.173	5.60	2.61	5.7	5.2	5.8
April	29.903	30.45	29.21	41.4	41.7	46.6	38.3	42.4	59	33	37	38	84	88	.219	.282	6.53	1.33	7.2	7.2	7.5
May	29.860	30.14	29.49	50.5	49.5	56.6	45.8	51.2	72	36	46	46	87	89	.320	.312	5.98	2.37	4.7	4.6	5.7
June	29.954	30.20	29.69	61.5	60.6	67.9	55.7	61.8	86	47	56	56	83	86	.459	.460	2.56	1.59	2.8	2.8	2.7
July	29.928	30.24	29.76	68.7	67.8	75.1	63.5	69.3	86	55	65	65	89	91	.622	.620	1.24	.78	5.1	4.6	6.1
August	30.025	30.25	29.80	68.5	68.0	74.1	63.7	68.9	82	55	65	65	90	92	.628	.629	3.82	1.74	4.0	4.6	5.1
September	30.034	30.49	29.58	64.6	64.0	70.5	58.7	64.6	81	44	59	59	82	85	.515	.520	4.07	1.04	4.4	2.8	3.7
October	30.009	30.61	29.48	54.3	54.7	60.5	48.5	54.5	69	36	45	46	72	74	.319	.322	3.44	3.29	3.4	2.8	3.6
November	29.913	30.34	29.25	37.8	40.1	44.8	34.1	39.4	64	14	30	30	73	68	.178	.180	2.62	2.08	4.4	5.2	5.7
December	30.016	30.46	29.39	34.0	35.7	40.4	29.1	34.8	58	9	29	29	81	76	.181	.177	8.67	1.85	6.0	5.5	5.9
Year	29.941	30.65	29.01	47.4	47.9	53.6	42.8	48.2	86	2	41	42	80	80	.318	.321	47.26	3.29	4.8	4.4	5.0

BOISE, IDAHO.

[λ=43° 37′ N.; φ=116° 8′ W.]

January	27.243	27.72	26.77	32.0	38.0	41.8	27.8	34.8	53	10	26	28	78	67	.140	.154	1.56	.39	6.1	7.4	6.6
February	27.226	27.69	26.75	30.6	40.1	43.7	28.1	35.9	63	9	26	29	84	65	.149	.170	1.27	.50	5.9	7.1	6.9
March	27.225	27.69	26.77	34.2	49.8	53.2	31.9	42.6	69	25	28	27	80	43	.156	.150	1.13	.29	3.7	5.9	5.1
April	27.049	27.42	26.76	37.8	56.1	60.3	36.1	48.2	75	26	29	25	71	34	.162	.137	1.12	.63	5.5	6.5	5.9
May	27.066	27.40	26.72	49.3	71.9	75.5	47.9	61.7	92	33	41	36	73	30	.259	.222	.38	.22	5.0	6.6	5.7
June	27.110	27.31	26.90	48.6	71.4	74.1	46.8	60.4	91	30	37	32	64	24	.221	.186	T.	T.	4.4	5.0	4.8
July	27.051	27.28	26.80	56.0	80.8	82.5	57.0	74.8	101	43	38	36	50	15	.232	.224	T.	T.	1.7	1.8	1.7
August	27.119	27.26	26.99	62.1	89.3	92.3	60.5	76.4	104	49	41	42	48	21	.265	.280	.02	.01	2.4	3.3	2.7
September	27.103	27.38	26.74	47.3	68.0	71.8	44.6	58.2	88	36	35	37	66	35	.209	.225	.37	.19	3.9	3.5	4.1
October	27.251	27.56	26.91	46.2	64.4	69.7	44.0	56.8	85	38	39	41	76	46	.240	.261	1.70	1.08	2.9	4.5	3.8
November	27.284	27.59	26.94	38.9	48.8	55.7	33.8	44.8	67	22	30	32	70	53	.165	.182	.28	.06	4.5	6.8	5.8
December	27.352	27.79	26.74	30.9	38.1	43.4	27.9	35.6	55	18	26	29	83	69	.145	.161	1.76	.66	4.7	5.5	5.0
Year	27.173	27.79	26.72	43.0	60.6	64.5	40.5	52.5	104	9	33	33	70	42	.196	.196	9.59	1.08	4.2	5.3	4.8

BOSTON, MASS.

[λ=42° 21′ N.; φ=71° 4′ W.]

January	29.808	30.53	28.83	25.1	28.9	34.6	20.5	27.6	50	− 3	18	20	73	70	.106	.122	1.56	.88	6.3	4.7	5.9
February	29.606	30.13	29.18	20.2	24.8	31.1	17.4	24.2	47	10	11	12	64	58	.071	.074	.66	.50	3.3	3.3	4.2
March	29.754	30.29	29.17	33.8	36.4	42.9	29.5	36.2	58	9	25	28	69	71	.144	.158	6.58	2.30	6.0	7.2	6.7
April	29.843	30.38	29.19	43.0	44.0	48.0	39.0	43.5	75	33	35	37	78	81	.212	.226	7.43	2.42	7.4	6.9	7.9
May	29.761	30.07	29.38	52.9	54.9	61.0	47.6	54.3	84	38	46	45	80	74	.321	.312	6.31	1.86	6.5	6.3	6.5
June	29.818	30.13	29.57	66.6	68.7	77.2	59.1	68.2	97	49	56	56	71	66	.471	.474	1.31	.50	3.5	4.3	4.2
July	29.802	30.16	29.62	71.2	74.0	81.5	65.4	73.4	96	53	63	65	76	74	.577	.624	5.20	1.88	5.2	5.8	5.6
August	29.910	30.16	29.68	69.1	71.0	77.4	64.0	70.7	88	59	62	63	78	78	.552	.589	3.25	2.10	5.3	4.7	5.2
September	29.917	30.39	29.44	62.6	65.8	73.7	57.2	65.4	89	44	56	59	80	79	.469	.511	2.50	.62	4.9	3.8	4.4
October	29.971	30.51	29.32	50.6	54.9	63.2	45.6	54.4	76	35	44	47	79	76	.301	.340	3.02	2.13	3.8	2.7	4.1
November	29.788	30.19	29.10	34.5	37.4	43.6	30.9	37.2	65	12	28	30	77	74	.160	.172	2.41	1.91	5.9	5.0	6.5
December	29.908	30.40	29.34	30.0	33.7	39.5	25.3	32.4	64	9	26	26	82	73	.160	.157	8.49	2.28	6.5	4.7	6.5
Year	29.824	30.53	28.83	46.6	49.5	56.1	41.8	49.0	97	− 3	39	41	76	73	.295	.313	48.72	2.42	5.4	5.0	5.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

BISMARCK, N. DAK.

[H=1,674 ft.; h_t=16 ft.; h_r=2 ft.; h_a=29 ft.]

Month.	Wind.														Number of days.												
	By self-register.				Number of winds, 8 a. m. and 8 p. m.													Precipitation.						Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	.01 inch and over.	.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	10.7	NW.	46	NW.	3	2	4	10	6	3	1	10	26	0	20	6	5	3	0	3	0	0	18	0	30	0	0
February	9.6	NW.	46	NW.	2	3	7	4	2	0	6	0	31	0	18	5	5	3	2	3	0	0	22	0	28	0	0
March	10.9	NW.	44	NW.	3	11	7	11	9	2	2	2	16	2	18	4	9	6	4	5	0	0	6	0	30	0	0
April	12.3	SE.	46	S.	2	7	8	12	20	2	0	2	9	0	13	11	6	4	3	0	0	0	0	0	14	2	0
May	11.2	SE.	44	NW.	1	4	9	14	18	7	1	1	8	0	23	5	3	1	1	0	0	0	0	2	2	0	0
June	10.2	NW.	36	N.	0	11	4	9	6	1	3	8	18	0	8	20	7	14	10	0	0	0	0	0	1	7	0
July	9.3	E.	48	NW.	1	8	12	17	10	3	1	2	9	0	18	8	5	10	8	0	0	1	0	8	0	11	0
August	7.8	E.	36	NW.	0	10	10	12	6	8	3	4	7	2	18	11	2	4	2	0	0	0	0	5	0	3	0
September	10.6	NW.	35	NW.	0	4	4	12	12	6	0	6	15	1	8	13	9	10	6	0	0	0	0	2	2	4	0
October	8.2	NW.	34	NW.	0	3	2	6	5	8	6	6	24	2	17	8	6	6	5	0	0	0	0	0	6	0	0
November	8.1	NW.	36	NW.	0	4	4	12	9	7	0	0	24	0	12	11	7	1	1	1	0	0	7	0	29	0	1
December	8.9	NW.	34	W.	0	2	2	4	6	4	2	10	32	0	7	4	20	11	7	11	0	0	21	0	31	0	0
Year	9.8	NW.	48	NW.	12	69	73	123	109	51	25	51	222	7	175	106	84	73	49	23	0	1	74	17	173	27	1

BLOCK ISLAND, R. I.

[H=26 ft.; h_t=11 ft.; h_r=3 ft.; h_a=70 ft.]

January	22.3	NW.	60	NW.	12	7	10	3	1	2	6	10	23	0	9	12	10	11	9	6	0	2	8	0	25	0	0
February	25.1	NW.	59	NW.	9	0	0	2	0	0	4	11	39	0	16	10	2	4	2	4	0	0	17	0	27	0	0
March	19.8	W.	49	NW.	9	0	7	9	7	0	13	13	13	0	9	9	13	10	9	1	0	7	2	0	18	1	0
April	20.5	NE.	63	NE.	11	6	23	11	8	2	3	5	2	0	5	5	20	16	14	0	0	7	0	0	0	0	0
May	16.1	SW.	55	E.	3	2	12	11	5	7	17	3	5	0	10	9	12	16	12	0	0	13	0	0	0	2	0
June	13.5	SW.	48	E.	1	0	5	8	4	6	21	11	4	1	19	8	3	6	5	0	0	7	0	0	0	1	0
July	12.4	SW.	52	NW.	3	1	8	7	9	3	20	11	2	1	4	15	12	11	5	0	0	12	0	0	0	5	0
August	10.7	SW.	42	NW.	2	0	10	11	10	6	16	5	4	0	13	10	8	10	9	0	0	10	0	0	0	3	0
September	13.4	SW.	47	NE.	3	6	12	2	1	7	20	7	5	0	15	9	6	11	10	0	0	2	0	0	0	1	0
October	15.3	NW.	52	W.	2	5	6	5	6	3	15	7	15	0	17	10	4	6	3	0	0	0	0	0	0	0	0
November	21.3	NW.	81	NE.	10	6	8	1	0	0	8	9	28	0	7	11	12	6	4	2	0	1	2	0	10	0	0
December	19.6	NW.	77	NE.	8	7	10	5	4	5	9	9	13	0	10	7	14	13	12	4	0	1	9	0	18	0	0
Year	17.5	NW.	81	NE.	73	40	111	75	55	41	152	101	153	2	134	115	116	120	94	17	0	62	38	0	98	13	0

BOISE, IDAHO.

[H=2,739 ft.; h_t=61 ft.; h_r=51 ft.; h_a=68 ft.]

January	5.2	SE.	25	E.	0	2	4	6	19	6	5	9	11	0	6	11	14	12	11	6	0	2	3	0	24	0	0
February	4.0	SE.	24	SE.	0	4	5	1	13	3	3	17	10	0	4	10	14	13	9	3	0	3	1	0	18	0	0
March	6.2	NW.	29	S.	0	7	3	4	11	2	0	10	25	0	11	11	9	10	9	5	1	1	0	0	18	1	0
April	5.4	SE.	23	SE.	0	8	4	0	18	2	2	9	17	0	7	12	11	6	6	3	1	0	0	0	7	0	0
May	5.2	NW.	35	NE.	0	5	3	3	11	5	5	10	20	0	5	17	9	5	4	0	1	0	0	1	0	4	0
June	4.7	NW.	26	W.	0	3	3	2	8	5	5	8	26	0	10	13	7	0	0	0	0	0	0	1	1	0	0
July	3.6	NW.	15	S.	0	1	1	0	13	10	5	8	24	0	24	7	0	0	0	0	0	0	23	0	1	0	0
August	4.0	SE.	21	SW.	0	1	2	6	17	5	6	10	14	1	20	10	1	2	0	0	0	0	21	0	1	0	0
September	3.9	NW.	24	SW.	0	5	2	4	11	4	2	11	19	2	15	9	6	5	3	0	1	0	0	0	0	2	0
October	3.0	NW.	19	SE.	0	7	7	8	9	4	3	10	14	0	19	4	8	5	3	0	0	0	0	0	0	1	0
November	3.5	NW.	18	W.	0	6	2	6	17	2	3	5	19	0	6	16	8	6	5	0	0	0	0	0	11	0	0
December	3.5	NW.	24	NW.	0	5	0	4	15	5	6	9	18	0	13	11	7	9	7	1	0	0	0	0	21	1	0
Year	4.3	NW.	35	NE.	0	54	36	44	162	53	45	116	217	3	140	131	94	73	57	18	4	6	4	46	100	11	0

BOSTON, MASS.

[H=125 ft.; h_t=115 ft.; h_r=154 ft.; h_a=181 ft.]

January	12.1	NW.	28	NW.	0	14	4	1	2	3	13	14	11	0	11	4	16	10	5	7	0	0	10	0	29	0	0
February	15.6	W.	43	NW.	1	0	2	0	0	0	4	28	22	0	15	7	6	5	2	5	0	0	18	0	28	0	0
March	13.2	W.	36	S.	0	5	9	6	0	5	10	15	12	0	5	12	14	14	12	0	1	2	1	0	20	0	0
April	12.3	NE.	40	NE.	1	14	25	13	3	1	2	0	2	0	6	2	22	16	14	0	0	3	0	0	0	0	0
May	11.1	NE.	36	NE.	0	3	16	10	3	9	7	7	7	0	7	10	14	15	13	0	0	0	0	0	0	2	0
June	10.1	SW.	30	NE.	0	4	4	4	3	10	17	13	5	0	16	8	6	8	7	0	0	1	0	4	0	3	0
July	9.1	SW.	34	SW.	0	2	11	7	7	5	17	11	2	0	8	14	9	12	10	0	0	1	0	8	0	6	0
August	8.0	SW.	26	SW.	0	2	4	10	8	11	14	7	6	0	12	12	7	8	5	0	0	3	0	0	0	1	0
September	9.1	SW.	29	NW.	0	6	6	0	2	6	20	14	6	0	15	4	11	10	10	0	0	0	0	0	0	3	0
October	10.6	SW.	36	SW.	0	6	9	1	4	8	15	14	14	0	17	8	6	5	4	0	0	0	0	0	0	0	0
November	12.6	NW.	60	NE.	2	9	6	0	0	2	5	18	20	0	8	8	14	9	5	5	0	0	3	0	15	0	0
December	11.9	NW.	44	SE.	2	11	1	1	5	7	9	14	14	0	8	8	15	13	10	5	0	0	11	0	19	0	0
Year	11.3	W.	60	NE.	6	76	88	53	37	67	133	155	121	0	128	97	140	125	97	22	1	10	43	12	111	15	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

BRIDGETOWN, BARBADOS, WEST INDIES.

[λ = 13° 4′ N.; φ = 59° 37′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.	
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.917	30.07	29.82	80.6	76.2	83.9	71.6	77.8	86	68	69	70	69	80	.718	.726	2.36	1.26	8.4	0.8	4.0
February	29.950	30.05	29.88	80.2	75.6	84.2	70.4	77.3	86	67	67	68	66	78	.668	.690	.80	.22	2.5	1.5	5.1
March	29.940	30.06	29.88	80.5	76.3	84.5	72.5	78.5	87	69	68	69	67	78	.696	.700	.50	.21	4.3	1.1	5.1
April	29.899	30.00	29.86	82.0	76.9	85.3	71.8	78.6	87	68	69	70	65	78	.708	.721	2.05	.99	4.1	0.0	4.9
May	29.882	29.98	29.81	83.4	79.4	86.6	75.1	80.8	88	72	71	72	68	79	.771	.796	1.45	.52	4.3	2.1	5.2
June	29.914	30.00	29.86	82.7	78.5	85.8	74.7	80.2	88	71	73	74	73	85	.813	.825	9.34	2.25	5.6	4.7	7.5
July	29.882	29.98	29.78	82.1	78.9	85.9	74.8	80.4	88	70	74	74	78	86	.842	.838	13.69	5.73	5.0	2.0	5.8
August	29.887	30.00	29.80	83.3	79.0	86.8	74.4	80.6	89	71	74	74	75	85	.836	.840	14.96	8.79	3.8	2.3	5.3
September	29.866	29.94	29.75	84.3	79.3	87.2	75.1	81.2	90	70	75	75	74	87	.862	.869	9.37	2.77	4.0	3.7	5.7
October	29.822	29.93	29.68	84.0	79.2	86.6	74.5	80.6	90	72	74	74	73	84	.849	.837	9.36	2.68	4.3	3.1	5.6
November	29.850	29.97	29.77	83.7	79.3	86.4	75.1	80.8	88	71	73	73	71	82	.816	.821	2.32	.53	3.2	2.3	5.4
December	29.862	29.98	29.82	81.3	77.2	84.2	73.6	78.9	86	68	72	72	74	83	.783	.770	3.82	.99	5.2	3.7	5.5
Year	29.889	30.07	29.68	82.3	78.0	85.6	73.6	79.6	90	67	72	72	71	82	.780	.786	70.02	8.79	4.1	2.3	5.4

BUFFALO, N. Y.

[λ = 42° 53′ N.; φ = 78° 53′ W.]

January	29.127	29.83	28.47	25.0	27.2	32.6	20.5	26.6	48	− 2	19	21	75	77	.106	.120	3.31	.51	8.6	7.2	8.4
February	29.095	29.46	28.67	14.7	18.8	23.0	12.7	17.8	33	3	9	14	77	79	.063	.081	3.26	.78	8.4	7.7	7.6
March	29.022	29.33	28.65	29.6	33.4	39.9	25.4	32.6	62	1	23	27	76	77	.129	.156	3.03	.61	7.8	6.8	7.9
April	29.194	29.69	28.72	42.2	46.4	53.5	38.1	45.8	74	30	32	35	70	67	.188	.206	3.13	1.11	6.2	7.1	6.7
May	29.045	29.40	28.74	52.3	54.6	60.7	47.8	54.2	79	40	44	46	74	74	.296	.315	3.28	.64	6.8	7.4	6.8
June	29.142	29.38	28.86	64.2	67.4	73.0	59.0	66.0	87	44	56	56	75	70	.465	.478	1.39	.43	6.5	5.5	5.9
July	29.135	29.41	28.88	72.0	76.0	80.2	67.5	73.8	91	55	65	64	78	69	.622	.620	3.05	1.57	6.1	5.1	5.8
August	29.196	29.38	28.99	68.4	71.8	78.6	64.4	71.5	89	57	60	61	76	71	.531	.548	2.07	.54	6.0	6.6	6.9
September	29.227	29.64	28.72	60.9	65.4	70.6	57.8	64.2	80	42	54	54	77	69	.430	.445	3.29	1.24	5.4	3.0	6.3
October	29.272	29.67	28.86	49.4	53.8	59.7	45.9	52.8	76	34	41	42	73	66	.267	.278	1.29	.57	5.3	2.6	6.6
November	29.197	29.66	28.65	34.3	36.8	41.5	31.0	36.2	66	16	29	29	79	74	.159	.163	2.87	.94	8.7	7.9	8.4
December	29.169	29.53	28.73	27.9	29.3	35.0	23.2	29.1	64	6	23	23	81	77	.134	.133	5.52	1.94	9.5	7.4	8.5
Year	29.152	29.83	28.47	45.1	48.4	54.0	41.1	47.6	91	− 2	38	39	76	72	.282	.295	35.49	1.94	7.1	6.2	7.2

CAIRO, ILL.

[λ = 37° 0′ N.; φ = 89° 10′ W.]

January	29.740	30.20	29.28	34.8	42.5	48.0	31.6	39.8	66	15	29	30	79	62	.168	.179	1.52	.49	4.6	4.4	5.5
February	29.743	30.22	29.17	28.5	37.9	41.6	26.8	34.2	68	15	24	26	80	62	.130	.142	1.78	1.21	5.7	6.2	6.2
March	29.537	30.08	28.86	41.9	49.5	55.0	38.6	46.8	75	15	33	34	71	60	.204	.218	3.62	1.23	4.6	6.1	6.1
April	29.676	30.03	28.95	48.7	59.1	63.2	46.0	54.6	87	35	40	42	74	56	.259	.268	2.70	1.65	5.7	6.4	6.1
May	29.498	29.81	29.23	59.5	70.2	75.2	56.7	66.0	89	15	53	55	80	60	.411	.440	2.90	1.12	5.4	5.5	5.7
June	29.587	29.80	29.42	72.1	83.2	88.6	68.7	78.6	96	55	65	68	79	61	.624	.687	.91	.83	4.7	3.5	4.7
July	29.596	29.78	29.44	76.6	87.0	93.7	73.2	83.4	106	62	69	69	77	56	.706	.723	4.57	3.36	2.5	3.2	3.0
August	29.585	29.77	29.28	71.0	79.7	85.4	68.6	77.0	97	64	66	68	86	69	.651	.690	3.83	1.66	3.8	3.5	4.0
September	29.665	29.94	29.34	63.3	73.2	80.3	61.5	70.9	92	42	59	60	86	65	.517	.545	1.66	1.08	2.6	2.6	2.9
October	29.782	30.05	29.17	52.3	63.2	72.2	50.6	61.4	84	42	47	50	84	64	.338	.374	3.40	2.98	2.0	3.0	3.0
November	29.814	30.24	29.49	38.7	49.0	55.8	36.5	46.2	76	22	32	33	77	54	.186	.193	1.77	1.17	3.4	2.7	3.7
December	29.720	30.28	29.24	28.9	33.5	39.8	25.3	32.6	66	− 4	25	27	86	77	.156	.163	4.02	2.67	6.9	5.5	6.4
Year	29.662	30.28	28.86	51.4	60.7	66.6	48.7	57.6	106	− 4	45	47	80	62	.362	.385	31.68	3.36	4.3	4.4	4.8

CAPE HENRY, VA.

[λ = 36° 56′ N.; φ = 76° 00′ W.]

January						48.7	34.9	41.8	74	22							2.30	.84			6.5
February						41.4	28.4	34.9	59	20							.94	.42			4.6
March						58.6	40.4	49.5	76	17							4.39	1.42			6.1
April						55.4	43.8	49.6	66	35							6.51	1.80			7.0
May						69.3	55.1	62.2	86	45							3.45	1.16			6.9
June						79.7	65.4	72.6	94	56							4.94	2.69			5.1
July						88.5	72.0	80.2	101	65							4.06	1.12			6.0
August						84.1	71.2	77.6	93	66							10.90	2.84			5.2
September						79.5	67.8	73.6	94	58							5.82	2.84			5.3
October						68.4	54.7	61.6	81	42							1.73	1.43			4.4
November						52.6	40.4	46.5	73	24							1.50	.94			4.2
December						50.8	33.2	42.0	71	20							4.12	.92			5.9
Year						64.8	50.6	57.7	101	17							50.66	2.84			5.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

BRIDGETOWN, BARBADOS, WEST INDIES.

[H = 30 ft.; h_t = 57 ft.; h_r = 49 ft.; h_a = 65 ft.]

Month.	Wind.														Number of days.													
	By self-register.				Number of winds, 8 a. m. and 8 p. m.													Precipitation.					Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	8.4	E.	24	SE.	0	0	20	25	17	0	0	0	0	0	16	12	3	10	8	0	0	0	0	0	0	0	0
February	8.0	E.	24	E.	0	0	20	32	4	0	0	0	0	0	12	5	11	12	6	0	0	0	0	0	0	0	0
March	9.0	E.	25	E.	0	0	28	29	5	0	0	0	0	0	10	14	7	12	4	0	0	0	0	0	0	0	0
April	7.9	E.	20	SE.	0	0	8	33	18	0	0	0	0	1	10	14	6	10	6	0	0	0	0	0	0	0	0
May	9.3	E.	25	E.	0	0	14	28	20	0	0	0	0	0	11	10	10	13	10	0	0	0	0	0	0	0	0
June	9.1	E.	25	SW.	0	0	15	30	14	1	0	0	0	0	1	9	20	27	17	0	0	0	0	0	0	0	0
July	8.7	E.	36	E.	0	2	16	31	11	0	1	0	1	0	12	10	9	23	17	0	0	0	0	0	0	0	0
August	7.9	E.	52	S.	1	1	17	34	9	0	0	0	0	1	14	6	11	21	15	0	0	0	0	0	0	0	0
September	7.0	E.	36	SW.	0	0	14	20	14	4	5	1	1	1	11	7	12	18	13	0	0	0	0	0	0	0	0
October	6.2	SE.	24	S.	0	1	7	15	28	4	3	0	2	2	12	7	12	19	14	0	0	0	0	0	0	0	0
November	8.7	E.	24	E.	0	0	5	41	14	0	0	0	0	0	7	16	7	15	12	0	0	0	0	0	0	0	0
December	8.4	E.	24	E.	0	0	18	42	2	0	0	0	0	0	10	8	13	20	12	0	0	0	0	0	0	0	0
Year	8.2	E.	52	S.	1	4	182	360	156	9	9	1	4	5	126	118	121	200	134	0	0	0	0	0	0	36	0

BUFFALO, N. Y.

[H = 767 ft.; h_t = 178 ft.; h_r = 168 ft.; h_a = 206 ft.]

January	17.0	W.	64	W.	9	4	3	4	3	7	11	19	11	0	0	9	22	25	18	19	0	3	15	0	30	0	0
February	17.5	W.	42	SW.	5	1	0	4	1	4	15	26	5	0	0	14	14	23	16	23	0	0	27	0	28	0	0
March	18.1	W.	60	W.	11	6	2	9	5	6	13	17	4	0	4	7	20	22	16	17	0	2	5	0	26	0	0
April	12.7	N.	39	S.	0	9	15	11	4	4	8	1	8	0	7	10	13	12	9	5	0	3	0	0	2	0	0
May	12.1	SW.	46	SW.	1	4	6	13	7	3	25	4	0	0	7	8	16	16	12	0	0	3	0	0	0	3	0
June	12.3	SW.	40	W.	1	1	1	10	2	7	27	11	1	0	3	24	3	9	6	0	1	0	0	0	0	7	0
July	12.3	SW.	40	W.	1	4	9	12	1	2	24	9	1	0	4	22	5	10	8	0	0	0	0	0	0	5	0
August	9.7	SW.	39	SW.	0	7	8	10	2	14	10	6	5	0	4	13	14	13	10	0	0	0	0	0	0	9	0
September	12.8	SW.	53	SW.	5	2	6	4	4	10	12	18	4	0	10	10	10	9	6	0	0	0	0	2	0	5	0
October	15.5	SW.	56	W.	6	7	4	2	3	15	15	7	9	0	1	19	11	11	6	0	0	0	0	0	0	1	0
November	16.2	W.	48	W.	7	11	3	4	3	2	8	21	8	0	1	9	20	18	11	13	0	0	4	0	16	0	0
December	15.4	W.	54	SW.	6	3	3	8	4	8	14	15	7	0	0	11	20	21	15	17	0	2	11	0	21	0	0
Year	14.3	SW.	64	W.	52	59	60	91	39	82	182	154	63	0	41	156	168	189	133	94	1	13	62	2	123	26	0

CAIRO, ILL.

[H = 356 ft.; h_t = 87 ft.; h_r = 80 ft.; h_a = 93 ft.]

January	9.3	NW.	36	NW.	0	8	4	3	8	13	6	6	14	0	7	16	8	7	7	1	0	1	2	0	17	1	0
February	9.3	NW.	42	SW.	1	11	8	2	3	4	6	10	12	0	5	12	11	7	6	4	0	0	6	0	20	0	0
March	13.5	SW.	45	W.	3	3	4	2	3	15	16	7	12	0	9	9	13	14	11	2	1	1	0	0	6	3	0
April	10.5	NE.	48	W.	1	9	18	9	5	2	2	4	11	0	7	11	12	8	6	0	0	1	0	0	0	1	0
May	6.9	NE.	36	W.	0	10	12	3	6	7	11	6	6	1	6	15	10	10	7	0	0	0	0	0	0	7	0
June	6.7	SW.	28	NW.	0	5	5	3	6	11	22	5	3	0	9	18	3	4	1	0	0	0	0	12	0	9	0
July	5.5	SW.	34	S.	0	2	11	4	4	10	28	0	3	0	17	11	3	3	3	0	0	0	0	25	0	7	0
August	5.8	NE.	35	NE.	0	6	16	8	8	12	6	2	3	1	16	9	6	12	10	0	0	0	0	4	0	10	0
September	5.8	S.	32	N.	0	6	13	4	9	16	10	0	2	0	21	5	4	5	2	0	0	0	0	1	0	1	0
October	6.2	S.	36	NW.	0	8	8	4	7	18	8	2	4	3	17	12	2	8	6	0	0	0	2	0	0	1	0
November	7.8	N.	34	NW.	0	11	9	4	5	11	9	0	11	0	18	7	5	5	5	0	0	4	0	0	8	1	0
December	9.8	S.	38	N.	0	9	5	3	7	17	5	2	14	0	7	8	16	11	8	7	0	1	9	0	17	1	0
Year	8.1	S.	48	W.	5	88	113	49	71	136	129	44	95	5	139	133	96	94	72	14	1	10	17	42	68	42	0

CAPE HENRY, VA.

[H = 18 ft.; h_t = 33 ft.; h_r = 5 ft.; h_r = 3 ft.; h_a = 58 ft.]

January	15.1	S.	51	NW.	5	12	8	1	1	14	10	6	10	0	6	11	14	9	7	3	0	1	0	0	13	0	0
February	14.8	NW.	66	N.	5	7	4	3	9	8	8	8	9	0	13	8	7	9	6	4	0	0	2	0	18	0	0
March	13.2	S.	48	N.	2	7	1	0	8	20	8	8	10	0	7	12	12	10	8	1	1	5	1	0	6	5	0
April	16.4	NW.	44	N.	7	11	5	9	10	2	5	6	12	0	6	9	15	16	12	0	0	4	0	0	0	2	0
May	11.3	SE.	36	NE.	0	1	13	8	19	9	8	1	3	0	2	16	13	17	13	0	0	6	0	0	0	5	0
June	11.1	S.	52	NW.	1	0	8	3	9	20	13	5	2	0	11	12	7	8	8	0	0	1	0	5	0	4	0
July	12.2	SW.	70	NW.	4	2	7	4	8	18	21	0	2	0	9	11	11	14	10	0	0	0	0	14	0	8	0
August	9.8	S.	39	N.	0	8	2	1	8	24	13	2	4	0	13	10	8	14	13	0	0	1	0	3	0	10	0
September	13.8	NE.	56	NE.	2	10	24	1	4	6	11	1	3	0	10	14	6	9	6	0	0	0	0	2	0	5	0
October	13.5	NE.	44	N.	3	14	16	3	9	2	12	1	5	0	11	17	3	5	4	0	0	3	0	0	0	1	0
November	16.5	N.	53	N.	4	21	1	1	4	2	9	7	15	0	16	7	7	5	5	0	0	1	0	0	2	1	0
December	15.1	NW.	48	NW.	2	10	5	1	7	12	10	3	14	0	9	8	14	11	9	1	0	3	4	0	14	0	0
Year	13.6	S.	70	NW.	35	103	94	35	96	137	128	48	89	0	113	135	117	127	101	9	1	25	7	24	53	41	0

a By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

CAPE MAY, N. J.

[λ=38° 56′ N.; φ=74° 51′ W.]

Month.	Pressure.			Temperature.							Moisture.								Cloudiness.		
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.				
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	30.019	30.79	29.24	32.2	34.7	39.3	28.5	33.9	55	7	.....	.....	.....	.....	.....	.....	3.42	1.79	5.8	4.9	5.7
February	29.950	30.38	29.59	26.2	30.3	34.1	23.3	28.7	46	16	.....	.....	.....	.....	.....	.....	.85	.65	3.0	3.3	4.2
March	29.928	30.41	29.30	38.3	41.2	46.5	34.6	40.6	69	16	.....	.....	.....	.....	.....	.....	3.45	1.36	4.2	3.5	5.8
April	29.923	30.43	29.24	45.4	46.0	50.9	41.4	46.2	58	36	.....	.....	.....	.....	.....	.....	5.42	1.28	5.5	5.5	6.2
May	29.873	30.16	29.51	55.2	55.2	61.3	50.6	56.0	76	41	.....	.....	.....	.....	.....	.....	4.62	1.00	5.6	4.7	6.3
June	30.004	30.22	29.79	65.9	65.4	72.6	61.3	67.0	92	52	.....	.....	.....	.....	.....	.....	2.01	1.07	3.9	3.6	4.2
July	29.955	30.18	29.81	74.4	73.8	81.9	69.3	75.6	94	61	.....	.....	.....	.....	.....	.....	3.26	1.28	5.5	5.2	5.1
August	30.028	30.17	29.88	73.2	72.8	77.4	68.6	73.0	86	62	.....	.....	.....	.....	.....	.....	6.32	2.10	4.9	4.8	4.8
September	30.063	30.46	29.66	67.7	69.0	75.1	62.0	68.6	84	46	.....	.....	.....	.....	.....	.....	2.88	1.09	4.2	3.8	4.8
October	30.166	30.57	29.65	55.6	58.6	63.8	51.2	57.5	73	41	.....	.....	.....	.....	.....	.....	0.87	.82	3.2	3.0	3.6
November	30.038	30.47	29.39	40.1	43.5	47.9	36.4	42.2	65	24	.....	.....	.....	.....	.....	.....	2.32	2.11	5.0	4.3	5.2
December	30.079	30.49	29.51	32.5	36.1	41.5	29.1	35.3	54	13	.....	.....	.....	.....	.....	.....	4.87	1.39	4.6	4.4	5.2
Year	30.002	30.79	29.24	50.6	52.2	57.7	46.4	52.0	94	7	.....	.....	.....	.....	.....	.....	49.29	2.11	4.6	4.2	5.1

CARSON CITY, NEV.

[λ=39° 10′ N.; φ=119° 46′ W.]

January	25.284	25.64	24.91	30.1	38.6	44.8	25.7	35.2	58	3	24	28	81	67	.132	.156	2.14	1.04	4.1	5.8	5.6
February	25.251	25.74	24.74	27.0	40.2	45.9	23.8	34.8	67	− 8	25	33	92	77	.146	.190	2.32	1.04	5.3	7.3	7.1
March	25.309	25.65	24.88	33.3	49.2	53.2	29.7	41.4	74	22	26	31	77	52	.140	.175	.42	.36	3.6	4.4	4.5
April	25.238	25.47	24.88	34.1	52.8	57.0	30.6	43.8	68	17	27	29	76	43	.146	.162	.69	.43	4.0	3.9	4.1
May	25.207	25.46	24.94	42.8	62.7	67.0	39.9	53.4	79	30	34	38	74	42	.200	.230	1.61	.87	4.3	4.9	4.3
June	25.284	25.44	24.99	48.0	70.9	74.8	45.2	60.0	93	34	35	38	62	31	.212	.235	.23	.18	1.6	3.6	2.5
July	25.250	25.36	25.09	56.3	80.4	85.4	53.5	69.4	97	41	39	42	54	27	.245	.281	.02	.02	1.1	1.6	1.4
August	25.310	25.42	25.18	55.0	79.6	84.7	52.1	68.4	93	42	44	44	68	31	.303	.303	.38	.22	1.2	2.9	2.2
September	25.213	25.37	24.87	46.6	69.7	74.1	42.7	58.4	89	33	34	36	63	32	.195	.215	.40	.38	1.0	1.1	1.1
October	25.352	25.60	25.04	41.2	61.7	68.4	37.2	52.8	80	28	36	40	80	48	.210	.251	.73	.28	2.5	5.2	4.1
November	25.359	25.58	25.03	35.6	51.8	57.1	31.1	44.1	74	22	30	36	81	56	.170	.210	.87	.56	2.9	6.2	6.1
December	25.425	25.81	25.06	26.5	42.4	50.2	22.9	36.6	64	9	17	30	67	62	.098	.168	.86	.60	2.4	4.3	3.3
Year	25.286	25.81	24.74	39.7	58.3	63.6	36.2	49.9	97	− 8	31	35	73	47	.183	.214	10.67	1.04	2.8	4.3	3.9

CHARLESTON, S. C.

[λ=32° 47′ N.; φ=79° 56′ W.]

January	30.059	30.68	29.44	44.8	50.5	57.4	42.4	49.9	72	31	37	40	75	68	.236	.264	2.25	.90	4.5	4.1	4.7
February	30.011	30.34	29.63	42.2	48.3	54.9	40.1	47.5	76	23	34	36	73	65	.215	.225	3.58	.77	4.4	4.1	4.5
March	29.992	30.48	29.49	51.4	57.0	64.2	48.9	56.6	79	29	44	45	75	66	.313	.324	2.40	1.14	4.5	3.9	4.4
April	29.936	30.37	29.57	54.9	60.5	66.7	51.8	59.2	74	41	44	46	69	61	.302	.318	1.64	.72	3.0	4.1	4.2
May	29.810	30.05	29.54	69.2	72.3	80.0	65.8	72.9	94	57	62	64	79	75	.567	.595	4.30	1.92	4.2	5.0	4.5
June	29.969	30.15	29.78	75.4	77.1	82.9	71.6	77.2	96	68	70	71	83	83	.727	.766	4.15	2.17	6.0	6.8	5.5
July	29.967	30.14	29.73	79.1	80.9	87.1	75.4	81.2	93	71	73	74	81	80	.803	.835	5.53	1.63	6.5	6.5	5.9
August	29.978	30.08	29.86	79.0	79.8	85.1	76.1	80.6	88	72	73	73	82	81	.808	.821	4.95	1.22	5.4	5.7	5.7
September	29.970	30.13	29.70	74.0	76.9	83.2	71.3	77.2	90	61	68	70	81	78	.696	.734	.40	.11	5.0	5.1	5.1
October	30.089	30.35	29.63	61.4	67.6	74.2	59.2	66.7	84	50	54	58	77	73	.431	.503	.86	.52	4.1	3.2	3.8
November	30.074	30.37	29.71	47.4	54.0	61.3	45.0	53.2	78	32	38	41	69	63	.243	.278	.79	.44	2.6	2.7	3.0
December	30.053	30.41	29.49	43.6	48.6	56.4	40.8	48.6	72	21	37	41	78	76	.254	.293	1.85	.46	5.0	5.1	5.2
Year	29.992	30.68	29.44	60.2	64.5	71.1	57.4	64.2	96	21	53	55	77	72	.466	.496	32.70	2.17	4.6	4.7	4.7

CHARLOTTE, N. C.

[λ=35° 13′ N.; φ=80° 51′ W.]

January	29.238	29.90	28.69	36.5	44.0	50.0	33.1	41.6	69	22	29	30	74	58	.177	.185	2.38	.61	4.7	3.9	4.7
February	29.177	29.50	28.88	33.0	43.1	49.4	30.3	39.8	71	17	24	24	69	47	.136	.136	1.96	1.13	5.2	3.5	4.0
March	29.137	29.61	28.72	44.7	53.8	61.4	40.3	50.8	75	16	36	33	72	49	.236	.217	5.48	4.38	6.0	3.5	5.1
April	29.132	29.61	28.65	49.2	57.0	63.3	43.9	53.6	83	32	38	36	67	51	.232	.219	7.25	3.02	5.1	4.5	6.1
May	29.020	29.34	28.77	64.1	70.4	78.7	58.8	68.8	91	49	56	54	75	61	.453	.429	8.00	2.59	4.5	6.5	5.8
June	29.198	29.38	28.98	70.9	75.5	84.7	66.6	75.6	94	58	65	64	83	71	.632	.620	6.47	3.08	6.5	7.4	6.6
July	29.184	29.37	29.00	76.3	79.8	89.1	71.0	80.0	95	66	70	69	84	71	.733	.708	6.38	3.84	5.7	5.9	4.8
August	29.210	29.32	29.08	72.3	75.6	84.6	68.6	76.6	90	63	69	68	89	78	.704	.680	10.66	3.14	7.5	7.2	6.9
September	29.241	29.52	29.05	64.8	71.4	78.9	61.4	70.2	88	50	59	61	83	70	.523	.544	6.43	2.18	4.4	5.2	4.4
October	29.248	29.64	28.91	53.0	63.2	71.8	49.8	60.8	84	38	45	48	75	60	.315	.355	1.04	1.02	2.1	1.3	1.8
November	29.287	29.62	28.87	38.5	48.1	55.0	36.5	45.8	77	27	31	32	72	53	.181	.186	.98	.84	3.7	1.8	3.5
December	29.240	29.62	28.66	34.9	42.6	48.3	31.8	40.0	68	10	30	34	84	72	.191	.224	5.79	1.90	5.6	4.8	5.8
Year	29.193	29.90	28.65	53.1	60.4	67.9	49.3	58.6	95	10	46	46	77	62	.376	.375	62.82	4.38	4.9	4.5	4.9

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

CAPE MAY, N. J.

[H=17 ft.; h_t=47 ft.; h_r=39 ft.; h_a=51 ft.]

Month.	Wind.														Number of days.												
	By self-registers.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.				Maximum temp.		Minimum temperature below 32°.	Electricity.	
	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.		Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.7	NW.	38	NW.	0	12	9	2	1	6	7	10	15	0	8	16	7	8	7	3	0	2	3	0	22	0	0
February	11.8	NW.	35	NW.	0	5	1	3	0	4	4	12	27	0	11	13	4	5	5	3	1	1	12	0	26	0	0
March	10.0	W.	38	SE.	0	1	9	5	4	10	8	14	11	0	9	11	11	13	10	1	1	6	1	0	7	2	0
April	11.1	NE.	38	E.	0	9	14	7	7	5	3	4	11	0	7	10	13	12	11	0	0	4	0	0	0	0	0
May	8.3	S.	30	NW.	0	5	12	8	6	17	3	3	8	0	8	10	13	17	10	0	0	9	0	0	0	0	0
June	7.0	S.	21	NW.	0	1	12	4	4	15	13	6	5	0	13	12	5	4	3	0	0	6	0	1	0	0	0
July	6.1	SW.	30	W.	0	0	8	5	4	15	20	8	2	0	7	18	6	9	8	0	0	0	0	4	0	0	0
August	6.6	S.	21	E.	0	3	15	5	9	20	8	2	0	0	11	15	5	9	8	0	0	0	0	0	0	0	0
September	7.0	NE.	24	NE.	0	12	14	6	3	8	7	6	4	0	11	13	6	13	9	0	0	0	0	0	0	0	0
October	8.1	N.	27	W.	0	14	7	7	1	10	7	9	7	0	16	11	4	2	2	0	0	1	0	0	0	0	0
November	10.7	NW.	38	E.	0	14	2	2	0	2	4	11	25	0	7	15	8	5	4	1	0	0	0	0	6	0	0
December	9.3	N.	33	NW.	0	16	5	1	3	10	7	5	15	0	10	11	10	13	11	1	1	4	8	0	13	0	0
Year	8.8	NW.	38	NW.	0	92	108	55	42	122	91	90	130	0	118	155	92	110	88	9	3	33	24	5	74	2	0

CARSON CITY, NEV.

[H=4,720 ft.; h_t=82 ft.; h_r=77 ft.; h_a=92 ft.]

January	7.4	S.	61	SW.	2	7	3	6	6	15	13	6	6	0	10	11	10	11	10	7	0	0	1	0	26	0	0
February	6.3	SW.	42	W.	1	7	6	6	4	11	9	9	4	0	2	12	14	13	11	5	0	1	7	0	19	0	0
March	7.3	N.	46	SW.	2	8	10	3	2	9	6	14	10	0	12	9	10	6	2	3	0	0	0	0	23	0	0
April	8.7	SW.	48	SW.	2	6	6	2	0	9	10	19	8	0	12	15	3	4	3	1	0	0	0	0	18	0	0
May	6.6	W.	36	SW.	0	13	4	1	2	1	10	25	3	0	15	9	7	5	4	0	1	0	0	0	2	2	0
June	7.1	W.	32	SE.	0	4	0	1	1	5	15	23	11	0	20	7	3	3	1	0	0	0	0	2	0	3	0
July	7.1	W.	36	W.	0	1	1	0	5	9	15	28	3	0	24	5	2	1	0	0	0	0	0	7	0	1	0
August	5.5	W.	26	SW.	0	1	2	2	1	7	17	28	4	0	22	6	3	3	3	0	0	0	0	5	0	4	0
September	6.9	SW.	34	SW.	0	6	5	3	0	8	15	16	7	0	27	2	1	3	2	0	0	0	0	0	0	0	0
October	4.7	SW.	38	SW.	0	6	10	2	4	3	17	9	11	0	15	7	9	6	4	1	0	0	0	0	2	1	0
November	6.1	SW.	48	SW.	1	4	5	6	8	10	14	8	5	0	7	10	13	6	3	0	0	0	0	0	19	0	0
December	6.0	SW.	50	SW.	3	8	9	6	1	14	9	7	8	0	20	3	8	4	4	0	0	0	0	2	0	26	0	0
Year	6.6	SW.	61	SW.	11	71	61	41	34	102	150	192	80	0	186	96	83	65	47	17	2	1	10	14	185	11	0

CHARLESTON, S. C.

[H=48 ft.; h_t=14 ft.; h_r=76 ft; h_a=92 ft.]

January	11.9	N.	37	W.	0	13	10	2	1	4	9	11	12	0	13	9	9	7	6	0	0	1	0	0	1	0	0
February	10.1	W.	28	NW.	0	10	4	3	1	4	8	10	16	0	11	9	8	8	8	1	0	2	0	0	4	0	0
March	10.8	S.	35	S.	0	2	2	1	5	14	18	6	14	0	13	12	6	12	7	0	0	0	0	0	2	3	0
April	12.0	NW.	50	SE.	2	8	5	5	6	3	6	13	14	0	14	11	5	6	4	0	0	0	0	0	0	3	0
May	9.9	S.	44	SE.	1	3	1	5	6	13	15	16	3	0	9	19	3	11	8	0	0	2	0	1	0	8	0
June	9.1	S.	43	SE.	1	7	5	9	6	12	11	7	3	0	5	19	6	13	11	0	0	0	0	2	0	9	0
July	8.9	S.	32	SW.	0	4	1	3	2	26	13	9	4	0	6	17	8	16	12	0	0	0	0	7	0	11	0
August	8.5	S.	40	NE.	1	8	3	5	11	24	8	3	0	0	2	26	3	15	11	0	0	0	0	0	0	10	0
September	12.0	S.	43	NE.	2	13	12	5	3	13	7	4	3	0	9	14	7	8	5	0	0	2	0	4	0	2	0
October	11.1	NE.	28	NE.	0	20	23	5	2	2	5	0	5	0	15	10	6	7	4	0	0	3	0	0	0	2	0
November	10.0	N.	27	NE.	0	17	12	3	2	3	4	9	10	0	18	7	5	7	4	0	0	0	0	0	0	0	0
December	11.0	N.	34	S.	0	10	12	5	7	9	7	5	7	0	11	9	11	13	7	1	0	6	0	0	8	0	0
Year	10.4	S.	50	SE.	7	115	90	51	52	127	111	93	91	0	126	162	77	128	97	2	0	16	0	14	15	48	0

CHARLOTTE, N. C.

[H=773 ft.; h_t=68 ft.; h_r=60 ft.; h_a=76 ft.]

January	7.8	NE.	33	W.	0	2	16	2	0	14	13	5	9	1	13	8	10	9	9	0	0	1	0	0	14	0	0
February	7.7	SW.	28	NW.	0	5	10	1	4	10	13	1	12	0	13	8	7	6	6	1	0	0	1	0	15	0	0
March	9.7	S.	34	SW.	0	2	3	0	9	19	18	3	8	0	14	6	11	8	6	0	1	1	0	0	7	3	0
April	8.5	NW.	32	NW.	0	7	13	2	8	2	6	7	13	2	13	5	12	9	8	1	0	0	0	0	0	1	0
May	6.2	E.	32	SW.	0	7	9	11	5	8	10	9	3	0	7	13	11	13	11	0	0	2	0	1	0	9	0
June	5.4	S.	30	N.	0	3	6	8	9	20	7	5	1	1	3	17	10	14	10	0	0	0	0	6	0	11	0
July	6.1	SW.	30	SW.	0	6	5	5	6	8	22	5	5	0	15	7	9	14	10	0	0	0	0	14	0	12	0
August	5.1	S.	23	NE.	0	2	12	10	7	17	12	1	1	0	5	10	16	22	21	0	0	1	0	1	0	15	0
September	6.8	NE.	28	NW.	0	6	28	7	0	9	7	1	2	0	16	5	9	7	5	0	0	0	0	0	0	2	0
October	5.7	NE.	20	S.	0	7	27	7	5	5	8	1	2	0	24	6	1	2	1	0	0	0	0	0	0	0	0
November	6.5	N.	29	SW.	0	14	14	2	2	6	9	8	5	0	19	8	4	2	0	0	0	0	0	0	11	0	0
December	7.3	NE.	40	S.	1	4	21	3	3	12	15	1	3	0	13	2	16	16	11	2	0	2	6	0	15	0	0
Year	6.9	NE.	40	S.	1	65	164	58	58	130	140	47	64	4	155	90	120	124	100	4	4	4	7	22	62	53	0

[a] By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

CHATTANOOGA, TENN.

[λ=35° 4′ N.; φ=85° 14′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.				Extremes.			Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.324	29.82	28.85	36.6	44.3	50.1	33.2	41.6	67	23	30	31	77	60	.179	.186	5.30	2.88	5.8	3.0	5.1
February	29.290	29.64	28.96	32.4	43.3	48.1	30.4	39.2	71	20	24	24	69	48	.132	.138	1.71	1.29	5.6	4.7	5.0
March	29.184	29.63	28.77	43.7	53.5	59.4	40.1	49.8	76	13	35	35	73	53	.228	.227	8.46	2.73	5.7	4.3	5.2
April	29.217	29.63	28.73	49.4	58.5	63.1	45.7	54.4	87	38	39	38	69	51	.249	.234	5.36	2.63	5.6	5.8	5.8
May	29.079	29.53	28.82	61.4	70.8	77.8	56.4	67.1	89	50	53	51	75	55	.403	.388	6.08	3.19	4.4	5.2	5.3
June	29.219	29.39	29.03	71.1	79.7	87.4	66.2	76.8	98	54	65	66	80	63	.615	.641	1.24	.80	3.4	5.2	4.4
July	29.222	29.40	29.12	75.2	83.7	92.5	71.0	81.8	100	64	67	66	76	58	.661	.648	2.02	.69	2.4	5.2	3.7
August	29.206	29.34	28.97	70.3	76.9	84.5	67.3	75.9	98	62	67	66	88	72	.656	.650	9.67	2.63	6.1	5.6	5.8
September	29.268	29.48	29.07	63.2	71.8	78.4	60.5	69.4	88	47	59	60	87	68	.516	.537	3.77	2.25	4.2	3.4	4.2
October	29.383	29.64	28.95	51.0	63.2	72.5	48.8	60.6	83	38	46	49	83	61	.317	.353	.66	.62	1.9	1.4	2.4
November	29.370	29.71	29.01	38.2	49.9	56.5	35.8	46.2	76	23	31	31	74	49	.182	.185	1.10	.50	3.6	2.4	3.7
December	29.282	29.67	28.72	33.5	38.8	46.0	29.1	37.6	67	5	28	30	80	72	.183	.192	8.07	2.62	6.3	5.1	6.2
Year	29.254	29.82	28.72	52.2	61.2	68.0	48.7	58.4	100	5	45	46	78	59	.360	.365	58.44	3.19	4.6	4.3	4.7

CHEYENNE, WYO.

[λ=41° 8′ N.; φ=104° 48′ W.]

January	23.938	24.24	23.54	25.0	31.7	40.9	18.0	29.4	56	− 9	9	14	50	49	.067	.082	.13	.11	2.6	3.0	3.7
February	23.933	24.26	23.50	19.0	25.1	34.2	11.1	22.6	53	− 9	11	17	71	71	.074	.097	1.10	.26	4.1	5.0	5.2
March	23.866	24.25	23.48	26.0	35.1	42.2	21.4	31.8	62	3	15	18	63	54	.083	.099	1.54	.48	4.9	5.3	5.1
April	23.964	24.22	23.59	33.2	47.0	51.7	28.8	40.2	79	8	25	27	72	54	.137	.149	2.97	1.09	5.1	4.6	4.8
May	23.970	24.41	23.53	45.0	60.2	66.3	41.1	53.7	77	31	37	39	76	48	.227	.240	2.47	1.05	4.3	5.9	5.0
June	23.958	24.16	23.77	52.4	66.8	73.6	46.5	60.0	90	35	40	42	67	45	.257	.269	1.93	1.19	3.7	5.3	4.4
July	24.082	24.28	23.90	60.0	80.8	87.3	55.5	71.4	95	44	47	44	66	30	.235	.296	1.34	.80	1.8	3.3	2.7
August	24.158	24.26	23.98	55.5	73.0	81.3	53.3	67.3	93	47	46	46	74	42	.319	.320	.83	.35	3.2	5.4	5.0
September	24.011	24.26	23.68	44.6	63.1	70.9	42.0	56.4	82	30	34	31	68	34	.211	.192	.75	.50	3.4	3.9	3.5
October	24.104	24.36	23.77	36.0	51.6	61.6	34.3	48.0	72	28	27	30	64	46	.146	.167	.31	.19	3.8	2.9	3.3
November	24.066	24.29	23.74	33.3	41.5	53.8	26.1	40.0	66	12	17	21	53	44	.092	.109	T.	T.	4.2	2.5	3.4
December	23.925	24.30	23.61	24.8	27.7	35.8	16.7	26.2	57	−22	14	18	65	67	.085	.098	1.62	.58	3.6	2.8	5.2
Year	23.998	24.41	23.48	38.1	50.3	58.3	32.9	45.6	95	−22	27	29	66	49	.169	.176	14.99	1.19	3.7	4.2	4.3

CHICAGO, ILL.

[λ=41° 53′ N.; φ=87° 37′ W.]

January	29.133	29.76	28.54	23.8	27.2	32.8	19.2	26.0	54	− 5	20	22	86	80	.117	.124	1.15	.35	7.2	5.6	6.5
February	29.163	29.65	28.71	13.9	19.8	23.2	10.9	17.0	35	− 1	11	16	86	84	.071	.091	2.05	1.14	4.3	2.8	3.8
March	28.940	29.36	28.39	31.9	34.1	40.6	27.5	34.0	68	1	28	31	85	88	.160	.181	3.38	.80	7.7	6.9	7.0
April	29.215	29.60	28.46	43.3	45.0	50.0	40.1	45.0	83	30	36	38	77	76	.219	.234	.33	.15	5.1	4.5	4.5
May	29.013	29.40	28.66	51.4	54.1	61.0	47.2	54.1	87	41	46	49	82	84	.314	.357	2.18	1.04	6.0	4.8	5.9
June	29.073	29.28	28.83	66.4	70.2	77.3	60.9	69.1	97	43	59	62	78	77	.521	.576	2.42	1.03	3.9	4.6	3.7
July	29.096	29.32	28.84	73.4	79.3	85.5	69.3	77.4	103	56	64	64	73	62	.602	.612	4.25	1.56	3.9	2.7	3.2
August	29.143	29.34	28.84	69.2	71.5	76.6	66.5	71.6	90	58	61	63	77	76	.547	.586	2.00	.93	4.9	4.8	4.9
September	29.161	29.45	28.71	60.0	65.9	70.9	57.7	64.3	87	40	53	55	79	71	.416	.456	2.92	1.96	3.4	4.3	4.0
October	29.226	29.51	28.69	50.1	57.5	63.2	47.5	55.4	85	33	44	44	81	64	.299	.305	1.29	.57	3.7	2.7	3.6
November	29.236	29.66	28.76	34.6	39.2	44.0	31.3	37.6	66	16	29	30	81	72	.168	.174	.85	.34	5.1	4.8	5.6
December	29.145	29.52	28.68	22.4	25.5	29.3	18.7	24.0	57	−12	19	22	85	85	.122	.131	1.70	.81	7.5	5.8	6.7
Year	29.129	29.76	28.39	45.0	49.1	54.5	41.4	48.0	103	−12	39	41	81	77	.296	.319	24.52	1.96	5.2	4.5	5.0

CIENFUEGOS, CUBA, WEST INDIES.

[λ=22° 11′ N.; φ=80° 33′ W.]

January	29.984	30.38	29.82	63.8	70.0	80.0	59.8	69.9	86	50	59	62	84	77	.597	.574	1.84	.90	1.2	2.3	3.0
February	29.954	30.09	29.76	65.7	71.4	80.0	61.5	70.8	86	51	60	64	83	77	.532	.600	3.07	1.11	2.8	2.1	3.0
March	29.972	30.24	29.81	69.8	72.7	82.1	63.4	72.8	88	52	63	66	81	80	.593	.651	1.71	.86	2.3	2.0	2.2
April																					
May																					
June																					
July	29.688	30.01	29.79	78.6	78.1	88.8	72.9	80.8	93	69	73	72	83	84	.806	.799	6.41	1.93	3.0	5.8	5.0
August	29.897	29.97	29.76	78.5	79.0	89.3	73.2	81.2	94	71	72	73	82	82	.798	.807	2.78	.67	2.9	4.9	4.8
September	29.842	29.98	29.65	77.0	77.4	86.2	73.0	79.6	92	69	73	74	87	88	.802	.828	14.14	3.31	4.6	5.9	5.6
October	29.842	30.01	29.63	75.5	76.7	86.3	71.8	79.0	92	69	72	72	89	87	.781	.793	2.43	.40	2.6	3.8	3.8
November	29.965	30.12	29.83	66.3	69.3	81.1	62.4	71.8	87	53	61	62	84	77	.548	.559	T.	T.	2.0	1.4	2.5
December	29.954	30.15	29.78	67.0	69.4	78.7	64.5	71.6	85	53	62	63	85	80	.565	.587	1.79	1.19	4.4	3.7	4.3
Year																					

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

CHATTANOOGA, TENN.

[H=762 ft.; h_t=106 ft.; h_r=98 ft.; h_a=112 ft.]

Month.	Wind.													Number of days.											
	By self-registers.					Number of winds, 8 a. m. and 8 p. m.											Precipitation.				Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																						
January	7.9	NW.	39	NW.	0	6	10	0	6	9	8	5	18	0	11	11	9	9	8	0	0	3	0	0	16	0	0
February	8.6	NW.	32	NW.	0	6	5	0	3	4	10	11	17	0	10	10	8	4	4	0	0	0	2	0	17	0	0
March	10.6	SE.	40	S.	1	0	3	2	14	10	11	13	9	9	11	10	10	11	9	0	0	3	1	0	6	5	0
April	9.2	NW.	55	S.	1	6	12	4	6	3	7	6	16	0	11	7	12	10	7	0	0	0	0	0	0	2	0
May	6.5	SW.	33	NW.	0	3	4	1	3	1	22	19	9	0	10	13	8	11	8	0	0	2	0	0	0	9	0
June	5.4	SW.	33	SE.	0	7	4	2	6	7	22	4	8	0	12	15	3	9	5	0	0	1	0	11	0	13	0
July	5.8	SW.	36	SE.	0	5	7	6	10	6	16	5	7	0	14	16	1	9	7	0	0	0	0	24	0	17	0
August	6.6	SE.	37	SE.	0	1	12	5	15	9	8	2	9	1	7	14	10	21	17	0	0	2	0	5	0	12	0
September	5.2	NE.	34	NW.	0	13	16	3	5	6	8	4	5	0	17	4	9	8	7	0	0	4	0	0	0	5	0
October	5.0	SE.	31	SW.	0	4	9	3	13	5	9	10	8	1	21	8	2	2	2	0	0	12	0	0	0	1	0
November	6.7	NW.	36	NW.	0	4	10	1	7	2	9	10	17	0	13	15	2	4	3	0	0	7	0	0	10	0	0
December	7.6	N.	38	SW.	0	12	7	1	10	8	5	10	8	1	8	7	16	16	12	5	0	4	7	0	14	1	0
Year	7.0	SW.	55	S.	2	67	99	28	98	70	135	99	131	3	145	130	90	114	89	5	0	38	10	40	63	65	0

CHEYENNE, WYO.

[H=6,088 ft.; h_t=56 ft.; h_r=49 ft.; h_a=64 ft.]

January	13.6	NW.	52	NW.	8	8	1	1	2	2	11	19	18	0	13	14	4	2	1	2	0	0	8	0	28	0	0
February	10.7	NW.	54	NW.	2	9	2	2	3	5	7	7	21	0	11	8	9	10	8	10	0	1	11	0	27	0	0
March	14.5	NW.	49	NW.	6	11	1	1	2	2	8	7	30	0	13	8	10	11	8	11	0	0	5	0	28	0	0
April	10.1	NW.	36	NW.	0	13	3	0	4	10	8	10	12	0	13	9	8	9	8	8	0	0	2	0	20	0	0
May	9.9	S.	41	S.	2	9	3	4	10	11	5	6	14	0	10	14	7	12	8	0	2	0	0	0	1	9	0
June	9.4	NW.	42	NW.	2	8	6	3	5	6	8	7	16	1	12	14	4	12	7	0	1	0	0	0	0	9	0
July	8.2	S.	36	S.	0	3	2	6	8	10	8	8	16	1	20	9	2	6	5	0	0	1	0	10	0	9	0
August	8.5	NW.	45	NW.	1	6	3	3	3	13	5	9	20	0	7	17	7	9	5	0	0	0	0	1	0	12	0
September	9.6	S.	46	W.	4	5	4	2	5	16	3	12	13	0	18	9	3	5	4	0	1	1	0	0	3	4	0
October	9.7	NW.	41	NW.	1	7	4	0	5	7	5	10	24	0	17	11	3	3	2	1	0	0	0	0	14	1	0
November	10.8	NW.	46	NW.	2	5	1	0	0	3	12	18	21	0	14	15	1	0	0	0	0	0	0	0	26	0	0
December	13.8	NW.	66	W.	8	8	8	2	2	2	7	6	32	0	8	15	8	12	8	12	0	0	12	0	29	0	0
Year	10.7	NW.	66	W.	36	92	33	24	49	87	87	119	237	2	156	143	66	91	64	44	4	3	38	11	176	44	0

CHICAGO, ILL.

[H=823 ft.; h_t=241 ft.; h_r=238 ft.; h_a=274 ft.]

January	18.5	NW.	53	S.	6	5	3	1	3	8	16	11	15	0	10	6	15	8	7	5	0	1	17	0	30	0	0
February	16.6	W.	58	NE.	3	5	2	4	4	5	3	13	20	0	16	7	5	7	6	7	0	0	26	0	28	0	0
March	20.6	SW.	50	SE.	11	6	10	5	10	4	13	7	7	0	6	8	17	18	13	8	1	1	5	0	22	1	0
April	18.4	NE.	56	NE.	4	13	26	8	5	3	1	3	1	0	13	10	7	10	2	3	0	2	0	0	1	0	0
May	15.9	NE.	48	NE.	4	11	22	4	7	5	2	6	5	0	9	11	11	13	10	0	0	4	0	0	0	5	0
June	14.5	S.	54	S.	8	2	10	7	11	8	9	10	3	0	18	10	2	11	8	0	1	0	0	4	0	13	0
July	15.1	NE.	56	SE.	4	2	15	7	7	9	10	6	6	0	19	10	2	8	7	0	0	0	0	11	0	9	0
August	13.8	NE.	44	S.	1	6	28	10	5	7	4	1	1	0	9	15	7	7	5	0	0	1	0	1	0	5	0
September	16.5	S.	48	W.	3	3	9	2	9	15	5	7	10	0	17	5	8	6	5	0	0	0	0	0	0	3	0
October	18.0	W.	50	S.	5	4	7	2	4	10	12	15	8	0	18	8	5	7	5	0	0	1	0	0	0	1	0
November	15.3	NW.	50	S.	3	4	5	1	4	9	9	9	19	0	11	8	11	8	5	1	0	2	2	0	15	1	0
December	15.7	W.	48	S.	2	3	5	2	3	14	11	8	16	0	8	8	15	11	7	7	0	0	10	0	26	0	0
Year	16.6	NE.	58	NE.	54	64	142	53	72	97	95	96	111	0	154	106	105	114	80	31	2	12	60	16	122	38	0

CIENFUEGOS, CUBA, WEST INDIES.

[H=52 ft.; h_t=62 ft.; h_r=53 ft.; h_a=67 ft.]

January	7.4	NE.	25	NE.	0	10	42	2	1	2	2	2	1	0	19	11	1	5	3	0	0	1	0	0	0	0	0
February	7.8	NE.	26	W.	0	8	27	6	5	5	4	0	1	0	18	6	4	6	5	0	0	0	0	0	0	1	0
March	8.3	NE.	23	S.	0	7	30	4	3	12	4	0	2	0	26	3	2	5	3	0	0	0	0	0	0	2	0
April																											
May																											
June																											
July	6.5	NE.	29	NE.	0	3	33	15	8	2	2	1	3	0	9	18	4	19	17	0	0	0	0	9	0	14	0
August	5.9	NE.	20	NE.	0	2	30	21	4	2	1	1	1	0	8	21	2	15	14	0	0	0	0	10	0	15	0
September	6.4	NE.	32	SW.	0	1	28	15	9	4	1	1	1	0	7	16	7	23	20	0	0	0	0	4	0	9	0
October	4.8	NE.	19	NE.	0	2	52	5	1	0	1	1	0	0	17	12	2	18	8	0	0	0	0	3	0	3	0
November	7.4	NE.	24	NE.	0	2	52	4	0	0	1	0	0	1	21	8	1	0	0	0	0	0	0	0	0	0	0
December	8.5	NE.	24	SW.	0	12	42	5	0	0	1	1	1	0	16	10	5	7	5	0	0	0	0	0	0	1	0
Year																											

a By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

CINCINNATI, OHIO.

[λ=39° 06′ N.; φ=84° 30′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.				Extremes.			Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.411	29.97	28.96	30.2	34.6	41.3	25.1	33.2	62	6	24	26	78	71	.143	.149	0.87	0.31	7.2	5.5	6.7
February	29.396	29.81	28.83	22.5	30.5	34.9	19.6	27.2	56	8	18	22	80	70	.099	.127	1.35	.76	5.5	5.6	5.8
March	29.228	29.63	28.78	38.8	45.5	52.4	34.2	43.3	74	5	32	37	77	73	.195	.235	2.01	.62	7.3	6.7	7.4
April	29.367	29.79	28.71	43.7	55.0	58.6	41.2	49.9	85	30	37	36	78	56	.227	.228	1.93	.54	5.5	6.5	6.4
May	29.197	29.56	28.91	57.3	66.3	71.2	53.8	62.5	88	42	48	50	73	61	.343	.377	1.62	.79	5.5	5.5	5.6
June	29.313	29.52	29.11	69.5	78.0	84.2	65.8	75.0	97	48	62	63	78	61	.581	.590	2.27	.57	4.7	5.7	5.3
July	29.325	29.52	29.16	76.5	86.1	92.9	71.9	82.4	105	60	64	63	67	49	.612	.598	1.44	1.22	3.0	4.3	3.5
August	29.322	29.52	29.15	69.8	79.8	85.4	67.9	76.6	95	62	63	62	80	58	.583	.573	.88	.29	4.7	5.1	5.4
September	29.391	29.66	29.03	60.9	72.9	78.1	59.1	68.6	91	43	56	56	83	57	.457	.464	.92	.37	4.0	3.1	4.2
October	29.487	29.77	28.83	48.4	62.0	68.7	46.3	57.5	81	34	43	44	83	53	.290	.297	.59	.45	2.9	2.0	3.3
November	29.486	29.92	29.14	36.3	42.4	48.7	33.3	41.0	74	24	28	31	72	65	.156	.178	.74	.32	5.6	4.9	5.3
December	29.391	29.78	28.94	27.4	32.5	38.0	24.0	31.0	67	−7	23	25	84	75	.146	.157	3.37	1.52	7.7	6.4	7.0
Year	29.360	29.97	28.71	48.4	57.1	62.9	45.2	54.0	105	−7	42	43	78	62	.319	.331	17.99	1.52	5.3	5.1	5.5

CLEVELAND, OHIO.

[λ=41° 30′ N.; φ=81° 42′ W.]

January	29.183	29.83	28.63	26.1	29.1	34.7	21.9	28.3	56	7	19	22	72	73	.111	.124	1.18	.38	7.9	8.0	8.0
February	29.170	29.57	28.72	15.6	21.2	25.6	13.5	19.5	40	2	9	14	72	71	.065	.081	1.28	.61	6.9	6.1	6.9
March	29.032	29.31	28.60	33.0	37.3	44.7	28.6	36.6	70	0	26	28	74	68	.152	.165	2.93	.54	7.4	6.2	6.5
April	29.215	29.68	28.60	41.6	46.6	50.5	38.4	44.4	78	32	34	35	75	68	.198	.210	2.10	.59	6.9	5.9	5.5
May	29.049	29.44	28.79	58.9	57.4	62.6	49.0	55.8	82	39	46	47	76	72	.318	.335	2.78	1.04	5.4	5.8	5.5
June	29.161	29.40	28.90	65.5	70.8	75.0	60.7	67.8	92	42	58	58	77	66	.503	.512	3.55	1.31	5.0	5.7	5.3
July	29.160	29.37	28.94	73.2	79.1	83.3	69.1	76.2	92	58	64	65	75	63	.610	.621	3.77	1.54	4.2	4.9	3.8
August	29.209	29.39	28.98	68.1	73.5	77.2	65.1	71.2	92	56	61	62	79	69	.543	.568	6.31	1.99	5.1	4.9	5.5
September	29.243	29.52	28.79	59.3	66.2	71.4	56.8	64.1	80	46	54	55	83	68	.430	.443	7.38	4.97	4.7	3.9	4.6
October	29.308	29.67	28.72	48.6	55.6	61.9	45.6	53.8	76	35	39	41	71	58	.250	.264	.80	.43	5.2	3.2	4.7
November	29.257	29.67	28.85	35.6	38.8	43.3	33.0	38.2	67	24	29	28	76	66	.164	.156	2.42	.85	8.0	7.2	7.7
December	29.202	29.57	28.71	24.7	29.2	34.5	21.8	28.2	65	−6	19	22	78	72	.120	.131	4.21	1.69	7.0	6.3	7.3
Year	29.182	29.83	28.60	45.4	50.4	55.4	42.0	48.7	92	−6	38	40	76	68	.289	.301	38.71	4.97	6.1	5.7	5.9

COLUMBIA, MO.[a]

[λ=38° 57′ N.; φ=92° 20′ W.]

January	29.250	29.72	28.81	.....	34.9	44.2	25.2	34.7	71	0	....	27	....	71	.....	.148	2.32	1.97	.....	4.6	4.9
February	29.283	29.73	28.66	.....	28.6	34.8	18.3	26.6	52	4	....	22	....	74	.....	.118	1.79	.94	.....	4.5	5.3
March	29.039	29.60	28.36	.....	43.6	51.5	31.9	41.7	74	14	....	32	....	65	.....	.189	3.25	1.44	.....	5.7	7.1
April	29.216	29.52	28.57	.....	56.4	63.9	42.3	53.1	88	30	....	42	....	61	.....	.278	2.38	.83	.....	6.2	5.5
May	29.055	29.46	28.81	.....	67.5	75.8	51.2	63.5	89	34	....	52	....	59	.....	.391	.35	.19	.....	5.5	5.0
June	29.078	29.22	28.86	.....	83.3	92.2	64.7	78.4	104	48	....	66	....	57	.....	.650	1.23	.40	.....	4.3	4.4
July	29.112	29.24	28.85	.....	89.4	99.6	70.7	85.2	111	58	....	65	....	47	.....	.626	2.74	1.41	.....	4.5	3.8
August	29.143	29.27	28.95	.....	91.5	92.5	65.1	78.8	102	59	....	62	....	53	.....	.560	1.67	1.22	.....	3.5	3.6
September	29.174	29.41	28.84	.....	70.8	82.7	56.2	69.4	98	32	....	55	....	59	.....	.448	1.37	.64	.....	2.9	3.6
October	29.284	29.52	28.98	.....	60.6	73.1	47.3	60.2	89	31	....	48	....	65	.....	.348	1.16	.66	.....	2.4	4.7
November	29.319	29.68	28.96	.....	44.1	55.0	29.8	42.4	75	13	....	33	....	66	.....	.195	.80	.58	.....	3.7	3.9
December	29.240	29.78	28.83	.....	28.3	35.6	18.2	26.9	62	−23	....	24	....	83	.....	.145	2.29	.97	.....	6.1	6.2
Year	29.183	29.78	28.36	.....	57.4	66.7	43.4	55.1	111	−23	....	44	....	63	.....	.341	21.35	1.97	.....	4.5	4.8

COLUMBIA, S. C.

[λ=34° 00′ N.; φ=81° 03′ W.]

January	.....	.....	.....	.....	.....	55.9	35.6	45.8	75	25	....	....	....	....	.....	.....	3.34	.91	5.0	3.6	5.1
February	.....	.....	.....	.....	.....	63.8	32.2	48.0	75	19	....	....	....	....	.....	.....	3.11	1.41	5.2	4.0	5.2
March	.....	.....	.....	.....	.....	67.0	41.0	54.0	81	20	....	....	....	....	.....	.....	4.50	2.88	5.1	4.0	5.0
April	.....	.....	.....	.....	.....	65.8	46.6	56.2	83	37	....	....	....	....	.....	.....	4.04	1.74	4.6	3.8	5.3
May	.....	.....	.....	.....	.....	83.0	61.0	72.0	92	50	....	....	....	....	.....	.....	8.52	4.88	4.8	5.4	5.5
June	29.646	29.83	29.46	73.2	76.9	87.3	68.7	78.0	97	58	67	68	81	75	.660	.680	4.94	2.08	6.3	6.1	6.6
July	29.640	29.82	29.45	76.8	81.3	91.2	72.5	81.8	100	67	69	70	79	70	.717	.730	2.58	1.20	5.2	5.2	4.8
August	29.650	29.75	29.53	74.2	77.6	87.9	70.3	79.1	92	66	70	70	88	78	.745	.736	7.76	2.64	6.6	5.6	5.6
September	29.667	29.91	29.41	67.8	74.7	82.8	64.4	73.6	92	53	63	62	84	66	.585	.567	6.13	4.90	4.5	3.3	4.4
October	29.786	30.06	29.36	55.5	66.0	74.3	51.9	63.1	86	38	47	49	73	56	.338	.369	.47	.32	3.0	1.1	3.0
November	29.753	30.05	29.37	41.6	51.9	59.2	38.9	49.0	80	27	32	38	69	51	.194	.202	.95	.35	3.3	1.8	3.9
December	29.714	30.11	29.12	38.6	47.3	53.6	35.7	44.6	73	16	32	37	78	68	.215	.255	4.88	1.96	5.5	5.0	5.9
Year	.....	.....	.....	.....	.....	71.8	51.6	61.7	100	16	....	....	....	....	.....	.....	51.22	4.90	4.9	4.1	4.9

[a] 8 p. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

CINCINNATI, OHIO.

[H=628 ft.; h_t=152 ft.; h_r=145 ft.; h_a=157 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Aurora.
	Miles.		*Mi.*																								
January	9.2	SW.	41	W.	1	6	4	6	10	4	12	10	10	0	6	8	17	9	5	3	0	0	8	0	21	0	0
February	10.1	NW.	34	W.	0	2	3	7	7	0	9	12	16	0	7	11	10	11	8	8	1	0	13	0	26	1	0
March	10.8	SW.	48	SW.	1	0	4	2	10	5	15	11	15	0	6	3	22	13	8	3	0	0	2	0	12	2	0
April	8.9	NW.	36	N.	0	9	10	7	6	1	3	4	20	0	9	5	16	10	8	1	0	1	6	0	1	0	0
May	6.8	NW.	29	W.	0	9	9	5	5	4	10	7	13	0	9	10	12	15	9	0	0	0	0	0	0	4	0
June	5.9	SE.	52	NW.	1	5	4	5	16	9	10	5	6	0	10	13	7	13	9	0	0	0	0	8	0	13	0
July	6.6	SW.	42	SE.	1	3	12	6	14	7	8	5	7	0	16	13	2	4	4	0	0	0	0	23	0	10	0
August	6.1	SE.	36	SE.	0	10	7	11	16	7	7	2	2	0	7	16	8	9	8	0	0	0	0	2	0	5	0
September	6.0	SE.	26	W.	0	6	10	4	19	5	3	4	9	0	14	9	7	5	4	0	0	0	0	2	0	0	0
October	5.9	SE.	28	SE.	0	4	4	10	13	5	11	7	7	1	19	8	4	6	2	0	0	1	0	0	0	0	0
November	8.2	NW.	30	SW.	0	6	1	5	10	4	7	6	21	0	9	10	11	5	5	0	0	2	0	0	14	0	0
December	8.2	SE.	36	N.	0	7	4	7	12	5	8	8	11	0	7	7	17	11	9	5	0	2	9	0	15	0	0
Year	7.7	SE.	52	NW.	4	67	72	75	138	56	103	81	137	1	119	113	133	111	79	29	1	6	32	35	89	35	0

CLEVELAND, OHIO.

[H=762 ft.; h_t=190 ft.; h_r=163 ft.; h_a=201 ft.]

January	18.2	W.	60	NW.	8	6	3	1	12	10	14	9	7	0	3	7	21	17	10	13	0	0	13	0	28	0	0
February	16.5	SW.	49	W.	4	1	4	1	5	9	18	11	7	0	4	9	15	14	7	14	0	0	21	0	28	0	0
March	17.7	SE.	53	SW.	6	3	8	1	13	10	12	8	7	0	7	8	16	19	14	9	0	2	3	0	23	2	0
April	14.5	N.	60	N.	3	15	8	3	11	2	0	8	13	0	11	4	15	12	9	3	0	2	0	0	1	0	0
May	12.3	N.	48	SE.	4	17	12	2	9	6	7	6	3	0	9	12	10	14	12	0	0	1	0	0	0	8	0
June	11.0	SE.	40	W.	1	6	5	4	16	10	8	8	2	1	9	10	11	13	9	0	1	0	0	1	0	11	0
July	11.7	S.	51	NW.	3	9	9	0	11	13	10	7	3	0	16	10	5	10	6	0	0	0	0	6	0	10	0
August	11.5	SE.	42	NW.	1	9	12	7	20	6	1	0	7	0	9	12	10	11	11	0	0	0	0	1	0	10	0
September	12.6	SE.	36	SW.	0	4	10	2	19	7	13	2	3	0	13	6	11	10	9	0	0	0	0	0	0	2	0
October	15.7	SE.	56	W.	4	3	6	3	18	16	6	3	7	0	14	8	9	5	3	0	0	0	0	0	0	1	0
November	18.9	SW.	60	W.	6	2	3	0	11	6	17	6	15	0	4	5	21	14	10	7	0	0	0	0	13	1	0
December	15.6	SW.	48	SE.	5	6	1	0	13	12	17	6	7	0	5	7	19	14	9	10	0	0	10	0	22	0	0
Year	14.7	SE.	60	W.	45	81	81	24	158	107	123	74	81	1	104	98	163	153	109	56	1	5	47	8	115	45	0

COLUMBIA, MO.

[H=784 ft.; h_t=4 ft.; h_r=3 ft.; h_a=84 ft.]

January	9.4	NW.	40	NW.	1	4	1	3	1	5	5	4	8	0	15	4	12	5	3	2	0	0	4	0	25	2	0
February	9.4	NW.	40	NW.	1	4	0	4	2	1	3	6	8	0	12	5	11	7	6	6	0	0	10	0	27	0	0
March	12.9	SW.	43	W.	2	2	2	5	1	7	5	3	6	0	6	8	17	9	6	4	0	1	2	0	14	3	0
April	9.5	E.	33	NW.	0	2	10	8	3	1	0	3	3	0	12	5	13	9	7	3	0	0	0	0	3	2	0
May	7.9	N.	29	SW.	0	9	2	2	4	2	4	5	3	0	12	10	9	4	3	0	0	0	0	0	0	3	0
June	7.6	S.	30	NW.	0	0	2	6	3	10	6	0	3	0	14	8	8	7	6	0	0	0	0	19	0	11	0
July	6.3	S.	34	NE.	0	4	3	4	5	7	3	2	3	0	16	8	7	7	7	0	0	0	0	26	0	11	0
August	6.9	NE.	21	NW.	0	4	11	5	3	0	2	2	4	0	20	6	5	6	5	0	0	0	0	24	0	6	0
September	6.9	SE.	24	NW.	0	1	4	2	10	5	2	4	2	0	16	10	4	7	6	0	0	1	0	7	1	6	0
October	7.3	S.	25	NW.	0	5	2	4	3	5	3	5	4	0	15	8	8	8	4	0	0	0	0	0	1	1	0
November	8.7	NW.	36	SW.	0	2	2	2	5	5	3	4	7	0	15	7	8	4	3	1	0	0	0	0	16	1	0
December	8.6	NW.	32	NW.	0	6	2	4	4	5	3	4	3	0	9	7	15	9	7	5	0	2	8	0	27	1	0
Year	8.4	NW.	43	W.	4	48	41	49	44	53	39	42	54	0	162	86	117	82	63	21	0	4	24	76	114	47	0

COLUMBIA, S. C.

[H = 35 ft.; h_t = 114 ft.; h_r = 107 ft.; h_a = 122 ft.]

January	.....	NW.	.....	.....	.....	4	12	8	2	2	7	9	23	0	11	9	11	10	10	0	0	2	0	0	14	0	0
February	.....	NW.	.....	.....	.....	8	13	0	0	0	2	10	23	0	9	11	8	5	5	1	0	0	1	0	18	0	0
March	.....	SW.	.....	.....	.....	1	2	2	8	7	16	14	12	0	11	11	9	12	9	0	0	0	0	0	8	3	0
April	.....	NW.	.....	.....	.....	7	11	4	6	1	3	6	22	0	14	4	12	11	10	0	0	0	0	0	0	0	0
May	.....	SW.	.....	.....	.....	2	3	6	10	5	16	10	10	0	6	19	6	12	11	0	0	0	0	0	4	10	0
June	6.5	SE.	37	NW.	0	1	5	10	12	13	12	3	4	0	5	19	6	16	10	0	0	0	0	0	8	9	0
July	7.1	S.	36	SW.	0	3	6	3	9	9	18	9	5	0	9	21	1	12	10	0	0	0	0	18	0	9	0
August	6.2	SE.	34	SW.	0	4	5	7	24	14	5	1	2	0	4	23	4	16	16	0	0	0	0	0	8	12	0
September	8.3	NE.	30	SE.	0	9	28	3	6	3	7	2	1	1	16	9	5	6	4	0	0	0	0	0	5	2	0
October	7.4	NE.	22	W.	0	15	24	1	6	1	4	7	4	0	19	9	3	5	3	0	0	0	0	0	0	1	0
November	8.0	NW.	33	SW.	0	10	12	2	3	0	8	6	19	0	17	7	6	5	5	1	0	0	0	0	7	0	0
December	8.7	NE.	36	SW.	0	7	17	4	4	12	8	4	3	3	11	6	14	17	12	2	0	1	4	0	13	0	0
Year	.....	NE.	.....	.....	.....	71	138	45	90	67	106	81	128	4	132	148	85	127	105	4	0	3	5	43	60	46	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901.

COLUMBUS, OHIO.

[λ=39° 58′ N.; φ=83° 0′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.167	29.75	28.70	26.6	31.5	37.7	23.0	30.4	57	0	22	25	84	75	.129	.139	1.50	.48	6.8	5.3	6.9
February	29.155	29.56	28.65	19.0	25.9	31.0	16.0	23.5	44	5	15	19	81	74	.085	.105	.88	.58	6.5	6.8	6.3
March	29.006	29.36	28.53	35.6	42.0	49.5	31.7	40.6	74	2	28	32	75	70	.165	.193	1.82	.42	7.8	6.3	7.5
April	29.151	29.60	28.58	43.0	51.7	67.3	39.7	48.5	85	30	35	38	76	63	.213	.233	2.21	.49	6.1	6.6	6.2
May	28.992	29.36	28.73	56.3	63.2	71.0	51.2	61.1	86	40	47	47	76	61	.334	.340	4.24	1.96	6.2	6.9	6.8
June	29.115	29.33	28.90	67.7	74.2	84.0	62.9	73.4	99	44	61	63	81	69	.568	.597	6.31	2.43	5.1	5.9	4.6
July	29.118	29.32	28.94	73.6	82.3	91.1	68.7	79.9	104	56	66	66	76	58	.637	.641	1.23	.57	4.1	4.1	3.6
August	29.133	29.32	28.95	68.3	76.7	84.2	65.1	74.6	94	56	62	61	82	62	.570	.555	1.71	.90	5.3	5.5	5.8
September	29.194	29.43	28.79	58.8	68.8	76.5	56.6	66.6	90	40	53	54	83	62	.423	.438	2.10	.89	5.4	2.9	4.3
October	29.276	29.58	28.65	46.8	57.6	67.6	43.8	55.7	81	31	41	42	81	58	.268	.280	.33	.19	3.9	2.1	4.4
November	29.247	29.66	28.87	33.8	39.6	46.3	30.9	38.6	70	19	28	28	80	64	.157	.160	.59	.29	6.9	5.4	6.8
December	29.160	29.54	28.63	25.1	29.8	36.0	21.4	28.7	65	−7	22	24	88	80	.134	.146	3.61	1.50	6.8	5.8	7.2
Year	29.143	29.75	28.53	46.1	53.6	61.0	42.6	51.8	104	−7	40	42	80	66	.307	.319	26.53	2.43	5.9	5.3	5.9

CONCORDIA, KANS.

[λ=39° 35′ N.; φ=97° 41′ W.]

January	28.663	29.02	28.11	23.0	32.6	39.5	20.8	30.2	61	— 2	19	24	82	72	.104	.133	.24	.22	2.3	2.4	2.6
February	28.646	29.12	28.21	18.5	28.3	33.9	16.0	25.0	57	— 8	14	22	88	75	.090	.119	1.57	.78	4.6	5.0	4.9
March	28.386	29.02	27.69	31.5	44.0	50.5	28.9	39.7	78	13	26	34	80	69	.145	.197	1.29	.43	4.0	5.4	5.0
April	28.552	28.86	27.90	44.5	57.8	62.2	41.7	52.0	87	28	39	43	83	61	.250	.287	3.37	1.55	5.5	5.3	5.8
May	28.445	28.99	28.07	54.8	68.6	73.8	50.5	62.2	84	38	48	49	78	53	.340	.360	2.86	1.07	4.3	4.3	4.7
June	28.888	28.69	28.04	68.2	84.0	88.8	64.3	76.6	103	52	60	61	76	49	.531	.557	1.23	.59	4.3	3.8	4.5
July	28.454	28.70	28.20	77.0	93.7	99.5	72.2	85.8	104	60	62	60	62	36	.569	.539	1.73	.79	2.2	3.6	3.7
August	28.535	28.72	28.34	69.4	85.5	91.4	66.6	79.0	101	57	61	63	75	49	.544	.586	1.66	1.22	3.9	3.7	4.4
September	28.498	28.87	28.10	59.2	72.0	78.1	56.8	67.4	92	34	53	56	81	61	.419	.465	2.58	.70	5.3	3.6	4.7
October	28.618	28.93	28.33	49.4	62.3	71.8	47.7	59.8	85	32	45	49	84	64	.305	.362	1.30	.62	4.2	2.6	4.1
November	28.668	29.02	28.22	35.1	45.4	55.1	32.5	43.8	71	19	30	36	82	70	.175	.216	.44	.26	4.2	4.0	3.9
December	28.581	29.15	27.97	23.0	31.1	39.3	20.0	29.6	63	−10	19	25	84	78	.110	.143	T.	T.	4.4	4.8	4.7
Year	28.531	29.15	27.69	46.1	58.8	65.3	43.2	54.3	104	−10	40	44	79	61	.298	.330	18.27	1.55	4.1	4.0	4.4

CORPUS CHRISTI, TEX.

[λ=27° 49′ N.; φ=97° 25′ W.]

January	30.122	30.51	29.62	54.2	59.4	64.0	51.7	57.8	76	32	50	53	85	80	.383	.419	.75	.41	4.4	4.0	4.8
February	30.039	30.40	29.59	52.7	58.7	62.9	50.1	56.5	74	33	48	50	84	76	.353	.386	1.33	.81	6.0	5.8	6.0
March	29.936	30.60	29.33	60.1	67.4	73.7	58.5	66.1	96	42	54	54	80	65	.436	.441	.07	.04	4.0	2.8	2.9
April	29.983	30.27	29.57	65.5	70.6	74.6	63.7	69.2	90	52	59	60	92	71	.530	.537	.45	.33	5.1	4.2	4.4
May	29.840	30.16	29.61	71.9	76.5	79.8	70.1	75.0	95	60	67	67	85	75	.667	.683	1.39	1.00	4.2	4.1	4.3
June	29.900	30.04	29.71	78.3	81.6	85.6	76.2	80.9	96	67	73	74	84	78	.815	.846	1.00	.42	2.6	2.8	3.2
July	29.917	30.08	29.75	79.2	84.2	87.5	77.4	82.4	90	74	75	75	86	74	.862	.869	1.30	.74	2.3	2.9	3.7
August	29.902	30.04	29.72	79.1	85.5	90.4	77.1	83.8	98	74	75	75	87	71	.860	.863	2.53	1.64	1.3	2.2	2.1
September	29.893	30.12	29.68	75.9	80.7	84.6	73.9	79.2	90	60	72	72	86	76	.789	.803	7.15	2.10	3.0	3.4	4.2
October	30.065	30.24	29.76	70.3	76.5	80.1	69.0	74.6	91	62	66	66	84	70	.630	.643	.42	.42	2.1	1.7	2.4
November	30.137	30.43	29.88	62.4	68.2	73.3	60.4	66.8	83	48	57	60	83	77	.498	.528	.66	.52	3.6	3.1	4.4
December	30.060	30.72	29.53	50.5	59.4	66.6	46.3	56.4	86	20	46	49	84	71	.354	.384	.45	.22	3.2	2.5	2.6
Year	29.983	30.72	29.33	66.7	72.4	76.9	64.5	70.7	98	20	62	63	84	74	.598	.617	17.50	2.10	3.5	3.3	3.8

DAVENPORT, IOWA.

[λ=41° 30′ N.; φ=90° 38′ W.]

January	29.385	29.95	28.84	22.7	27.7	34.0	19.3	26.6	54	−3	19	22	86	78	.111	.122	1.10	.54	4.8	5.2	4.9
February	29.429	29.93	28.90	10.6	19.4	24.4	7.0	15.7	39	−7	9	14	91	79	.065	.084	1.59	.96	4.1	3.1	3.4
March	29.154	29.64	28.62	32.1	37.2	43.3	28.3	35.8	67	4	28	29	83	71	.158	.165	2.57	.92	7.5	6.5	6.6
April	29.431	29.83	28.55	43.6	56.2	60.1	40.9	50.5	87	29	36	37	74	52	.214	.229	.88	.32	5.0	6.8	5.0
May	29.227	29.72	28.92	55.3	66.2	71.2	51.4	61.3	88	40	47	46	74	52	.332	.326	1.37	.67	4.2	4.8	4.5
June	29.250	29.46	28.98	67.8	79.8	84.7	63.7	74.2	97	44	60	61	77	54	.542	.547	3.02	1.19	3.6	3.5	3.3
July	29.282	29.51	28.98	75.0	89.6	94.7	71.2	83.0	106	57	62	61	65	41	.567	.549	1.48	.96	1.7	2.2	1.9
August	29.344	29.57	29.13	67.0	79.0	84.6	63.8	74.2	92	52	59	59	76	52	.607	.505	.46	.19	3.1	2.5	3.4
September	29.354	29.63	28.90	57.8	69.1	75.3	55.5	65.4	93	36	52	52	82	58	.399	.409	2.29	.96	3.9	3.4	4.3
October	29.442	29.74	29.02	47.7	58.8	66.3	45.0	55.6	82	31	43	41	84	64	.287	.274	.45	.17	3.8	2.9	3.5
November	29.480	29.92	28.99	30.5	39.1	46.0	27.5	36.8	68	15	26	27	82	62	.146	.150	.79	.26	3.4	3.0	3.6
December	29.387	29.88	28.92	20.1	28.9	28.7	16.8	22.8	49	−13	18	20	90	83	.114	.118	1.33	1.04	5.2	7.0	6.5
Year	29.347	29.95	28.55	44.2	53.8	59.4	40.9	50.2	106	−13	38	39	80	61	.287	.290	17.33	1.19	4.2	4.2	4.2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901.

COLUMBUS, OHIO.

[H=824 ft.; h_t=87 ft.; h_r=81 ft.; h_a=100 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a.m. and 8 p.m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.2	SW.	34	W.	0	4	1	10	6	8	13	13	7	0	8	3	20	16	6	10	1	0	12	0	23	0	0
February	9.4	W.	27	NW.	0	1	3	4	4	3	17	14	10	0	6	11	11	10	4	9	0	0	14	0	27	1	0
March	10.7	SW.	42	SW.	1	2	2	7	8	7	15	13	8	0	4	8	19	17	13	6	1	0	2	0	14	2	0
April	9.1	NW.	29	E.	0	11	10	12	3	2	2	5	15	0	9	5	16	16	11	3	0	0	0	0	3	0	0
May	6.6	SW.	31	SW.	0	8	12	6	6	2	12	7	9	0	5	9	17	16	15	0	1	1	0	0	0	8	0
June	6.4	SW.	31	SW.	0	1	3	9	13	11	9	10	4	0	13	8	9	17	12	0	2	0	0	7	0	13	0
July	6.5	SW.	32	S.	0	4	12	5	4	9	17	4	7	0	16	13	2	8	5	0	0	0	0	19	0	10	0
August	6.9	S.	30	NE.	0	5	10	15	9	14	4	0	5	0	8	11	12	8	6	0	1	1	0	2	0	6	0
September	6.5	E.	21	SW.	0	5	7	11	11	4	4	7	9	2	14	10	6	8	7	0	0	0	0	0	0	2	0
October	6.6	W.	28	SW.	0	4	6	4	10	11	6	14	5	2	16	7	8	6	4	0	0	0	0	0	1	0	0
November	8.2	NW.	31	SW.	0	3	0	5	3	6	7	14	20	2	6	8	16	9	2	4	0	0	0	0	16	0	0
December	8.0	SW.	30	NW.	0	5	7	5	8	11	11	8	7	0	4	10	17	11	7	4	0	0	9	0	20	0	0
Year	7.8	SW.	42	SW.	1	53	73	93	85	88	117	109	106	6	109	103	153	142	92	36	6	2	37	28	104	42	0

CONCORDIA, KANS.

[H=1,398 ft.; h_t=42 ft.; h_r=34 ft.; h_a=47 ft.]

January	6.9	N.	24	N.	0	12	1	1	7	11	8	9	9	4	22	6	3	2	1	1	0	0	10	0	28	0	0
February	6.4	N.	30	N.	0	13	2	5	7	4	6	6	12	1	11	8	9	4	4	4	0	0	17	0	25	0	0
March	10.4	NW.	36	NW.	0	15	0	5	5	11	5	4	15	2	10	10	11	8	6	5	0	0	2	0	20	0	0
April	9.3	SE.	39	NW.	0	10	3	11	18	9	0	0	8	1	11	3	16	8	8	2	0	0	0	0	6	1	0
May	6.8	N.	25	SE.	0	12	2	12	9	7	0	9	8	3	13	11	7	10	9	0	2	1	0	0	0	3	0
June	9.7	S.	28	S.	0	2	0	10	12	28	2	3	3	0	11	16	3	5	5	0	0	0	0	11	0	5	0
July	7.6	S.	26	S.	0	4	2	1	6	10	2	1	0	6	16	12	3	6	5	0	1	0	0	30	0	5	0
August	5.4	SE.	28	N.	0	3	3	17	17	9	2	3	2	6	11	16	4	7	4	0	0	0	0	20	0	4	0
September	8.3	S.	31	S.	0	3	3	5	13	18	2	4	7	5	12	12	6	12	10	0	0	0	0	4	0	9	0
October	8.0	S.	32	S.	0	9	2	3	14	22	3	3	5	1	12	14	5	8	5	0	0	0	0	0	1	5	0
November	6.5	S.	30	S.	0	11	2	4	6	15	9	5	4	4	14	10	6	4	3	0	0	1	0	0	17	0	0
December	7.7	N.	24	NW.	0	14	8	2	4	11	10	3	10	0	15	5	11	0	0	0	0	0	9	0	27	0	0
Year	7.8	S.	39	NW.	0	108	28	76	118	185	49	50	83	33	158	123	84	74	60	12	3	2	38	65	124	32	0

CORPUS CHRISTI, TEX.

[H=20 ft.; H_1=27 ft.; h_t=48 ft.; h_r=38 ft.; h_a=53 ft.]

January	9.5	SE.	28	S.	0	13	7	4	17	12	1	0	8	0	12	7	12	7	4	0	0	1	0	0	0	0	0
February	11.8	N.	30	N.	0	15	7	5	14	4	1	1	9	0	9	4	15	10	5	0	0	2	0	0	0	0	0
March	14.4	SE.	36	SE.	0	9	4	4	23	13	5	0	4	0	21	4	6	2	1	0	0	0	0	2	0	1	0
April	15.1	SE.	36	NW.	0	5	2	4	37	3	3	2	4	0	12	10	8	6	3	0	0	0	0	1	0	2	0
May	14.3	SE.	48	NE.	1	8	1	1	39	8	2	3	0	0	13	12	6	4	2	0	0	0	0	1	0	2	0
June	14.4	SE.	45	E.	2	1	1	5	39	11	3	0	0	0	17	9	4	7	3	0	0	0	0	1	0	3	0
July	11.5	SE.	28	W.	0	3	0	6	29	13	7	2	2	0	13	16	2	6	5	0	0	0	0	2	0	5	0
August	9.6	SE.	24	SE.	0	0	1	1	29	14	6	3	7	1	23	8	0	6	6	0	0	0	0	13	0	2	0
September	10.5	E.	25	N.	0	11	7	17	12	6	3	0	2	2	12	13	5	15	10	0	0	0	0	0	0	4	0
October	9.9	SE.	24	N.	0	14	7	12	23	0	1	2	3	0	18	12	1	2	2	0	0	1	0	1	0	0	0
November	9.4	SE.	30	N.	0	17	5	10	18	6	1	1	2	0	9	15	6	4	3	0	0	2	0	0	0	0	0
December	10.3	N.	36	N.	0	16	3	4	13	8	3	2	13	0	18	11	2	3	2	0	1	0	0	0	4	1	0
Year	11.7	SE.	48	NE.	3	112	45	73	293	98	36	16	54	3	177	121	67	72	46	0	1	6	0	21	4	20	0

DAVENPORT, IOWA.

[H=606 ft.; h_t=71 ft.; h_r=64 ft.; h_a=79 ft.]

January	8.9	W.	34	W.	0	2	4	5	6	5	10	15	15	0	15	6	10	8	5	5	0	0	12	0	28	0	0
February	8.3	W.	30	N.	0	0	6	6	3	1	6	30	4	0	17	6	5	7	4	7	0	1	23	0	28	0	0
March	10.3	W.	35	NE.	0	4	8	8	6	1	10	14	11	0	7	8	16	11	9	6	0	0	1	0	19	0	0
April	7.8	NE.	29	E.	0	8	17	13	6	1	5	2	8	0	14	7	9	7	4	1	0	0	0	0	4	0	0
May	7.7	E.	36	W.	0	8	15	14	4	3	6	10	2	0	14	9	8	9	7	0	0	0	0	0	0	2	0
June	7.2	E.	36	SW.	0	1	5	13	8	13	7	11	2	0	17	11	2	11	7	0	0	0	0	10	0	9	0
July	6.9	S.	26	W.	0	2	5	19	5	14	7	6	4	0	25	5	1	5	4	0	0	0	0	25	0	4	0
August	5.8	NE.	23	SE.	0	10	14	18	6	1	5	1	7	0	16	11	4	5	3	0	0	0	0	5	0	3	0
September	7.2	S.	29	W.	0	1	8	12	10	11	6	10	2	0	16	3	11	8	6	0	0	0	0	2	0	1	0
October	7.1	W.	24	S.	0	2	4	5	5	9	12	16	8	1	17	8	6	8	3	0	0	1	0	0	2	0	0
November	7.5	W.	32	W.	0	7	4	2	9	6	6	16	10	0	18	6	6	4	4	1	0	0	1	0	23	0	0
December	7.1	W.	24	NW.	0	4	5	4	9	4	11	15	10	0	9	5	17	7	4	6	0	2	11	0	28	0	0
Year	7.6	W.	36	SW.	0	49	95	119	77	69	91	146	83	1	185	85	95	90	60	26	0	4	48	42	132	19	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

DENVER, COLO.

[λ=39° 45′ N.; φ=105° 0′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.				Extremes.			Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Maximum.	Minimum.	Monthly.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	24.686	25.01	24.35	27.6	38.3	47.5	21.1	34.3	65	−19	13	17	54	43	.083	.094	.05	.05	2.3	3.4	3.6
February	24.685	25.02	24.25	19.5	32.1	39.4	16.0	27.7	61	− 7	12	18	73	57	.081	.099	.06	.03	4.2	5.0	4.4
March	24.602	25.05	24.19	29.2	43.5	49.9	26.2	38.0	72	10	16	19	60	43	.090	.103	.88	.28	4.5	5.2	5.2
April	24.687	24.94	24.30	37.0	52.8	57.5	35.3	46.4	81	13	27	31	68	49	.148	.174	1.96	1.16	4.2	5.7	6.0
May	24.673	25.15	24.19	49.0	65.0	72.1	47.2	59.6	81	38	39	41	70	44	.243	.263	1.18	.36	4.3	6.6	5.4
June	24.648	24.88	24.41	54.8	76.5	82.2	52.8	67.5	96	43	44	44	69	36	.289	.296	2.09	1.77	3.2	4.6	3.8
July	24.767	25.00	24.59	62.5	85.5	92.3	60.9	76.6	99	55	49	48	63	30	.358	.339	.01	.01	0.5	4.1	2.4
August	24.851	24.96	24.68	60.5	78.4	86.6	59.4	73.0	100	53	50	49	70	40	.368	.357	1.30	.53	3.4	6.1	4.5
September	24.711	25.01	24.35	48.2	71.2	78.4	47.0	62.7	89	33	39	38	71	31	.246	.233	.22	.21	1.8	3.9	2.5
October	24.823	25.09	24.51	40.9	60.3	68.3	39.2	53.8	81	31	31	32	68	36	.174	.182	.46	.26	3.1	3.4	3.3
November	24.803	25.02	24.45	33.9	51.2	61.0	30.2	45.6	72	20	19	21	57	31	.104	.111	T.	T.	3.5	2.5	3.2
December	24.689	25.10	24.31	26.6	36.2	46.7	21.0	33.8	74	−14	17	20	70	55	.097	.106	.89	.44	3.5	4.0	4.5
Year	24.720	25.15	24.19	40.8	57.6	65.2	38.0	51.6	100	−19	30	32	66	41	.190	.196	9.10	1.77	3.2	4.5	4.0

DES MOINES, IOWA.

[λ=41° 35′ N.; φ=93° 37′ W.]

January	29.144	29.67	28.57	21.2	29.4	35.9	16.7	26.3	57	− 3	17	24	84	80	.101	.131	1.01	.59	4.8	4.4	5.2
February	29.200	29.70	28.57	14.0	24.1	28.6	11.4	20.0	44	− 8	11	18	84	77	.072	.099	1.11	.79	4.6	5.2	4.8
March	28.928	29.45	28.36	30.7	38.3	44.4	27.2	35.8	66	4	26	31	82	74	.146	.176	3.02	1.47	6.3	7.1	6.2
April	29.179	29.57	28.42	43.6	56.1	60.7	40.2	50.4	84	28	37	40	78	58	.229	.265	2.26	1.08	4.7	5.8	5.6
May	29.005	29.64	28.68	55.7	67.5	72.6	50.7	61.6	88	36	48	48	75	53	.338	.350	1.40	.52	3.7	4.9	4.8
June	28.984	29.27	28.73	66.8	80.0	84.3	62.4	73.4	98	42	60	63	78	57	.528	.587	2.41	.79	4.6	4.8	4.5
July	29.022	29.27	28.68	75.8	91.0	96.2	71.7	84.0	109	59	64	61	68	40	.607	.557	1.72	.78	3.1	3.6	3.5
August	29.107	29.30	28.92	66.5	81.9	87.1	62.9	75.0	95	56	59	60	77	50	.501	.538	.67	.16	3.5	2.9	4.4
September	29.091	29.40	28.70	56.8	68.6	75.3	54.3	64.8	93	36	51	55	83	64	.389	.446	2.60	1.22	5.5	4.1	5.5
October	29.190	29.49	28.90	47.4	59.4	67.6	44.7	56.2	83	30	42	47	81	64	.274	.332	2.14	1.43	4.4	3.1	4.5
November	29.238	29.66	28.70	31.0	41.0	48.3	27.0	37.6	67	13	26	32	80	69	.145	.182	.40	.40	3.8	2.2	4.1
December	29.148	29.68	28.66	18.9	23.8	29.2	14.6	21.9	47	−18	16	20	86	83	.103	.119	1.03	.30	6.0	5.9	6.1
Year	29.103	29.70	28.36	44.0	55.1	60.8	40.3	50.6	109	−18	38	42	80	64	.286	.315	19.77	1.47	4.6	4.5	4.9

DETROIT, MICH.

[λ=42° 20′ N.; φ=83° 03′ W.]

January	29.199	29.86	28.60	23.4	26.7	31.1	19.1	25.1	50	1	20	23	86	84	.113	.128	1.52	.53	8.1	7.2	8.1
February	29.200	29.64	28.76	18.0	19.2	22.4	10.5	16.4	34	− 1	10	14	85	79	.067	.080	1.64	1.08	6.9	5.7	6.5
March	29.046	29.38	28.54	29.7	34.2	40.8	25.6	33.2	66	2	25	28	82	76	.142	.159	1.80	.53	6.6	6.7	7.0
April	29.271	29.73	28.68	43.0	48.7	55.4	40.0	47.7	83	29	33	35	70	62	.195	.213	2.07	.96	5.3	6.0	5.6
May	29.082	29.45	28.78	52.7	58.2	64.6	48.6	56.6	85	36	44	47	75	68	.302	.335	2.76	.86	5.9	5.9	6.0
June	29.174	29.40	28.91	65.1	72.2	77.8	59.9	68.8	90	42	56	58	73	62	.474	.500	2.08	.82	4.4	5.5	4.8
July	29.182	29.41	28.91	72.2	78.3	86.2	67.4	76.8	94	56	63	64	74	63	.586	.607	5.50	1.64	3.8	4.5	3.4
August	29.225	29.42	28.94	68.0	73.8	79.8	64.0	71.9	88	56	61	61	80	66	.551	.543	3.20	2.29	4.6	5.0	4.6
September	29.265	29.60	28.74	59.3	65.4	73.0	56.6	64.8	88	40	53	53	80	65	.414	.417	1.65	1.00	4.1	4.2	4.1
October	29.316	29.67	28.68	46.7	54.4	62.2	43.5	52.8	78	28	41	41	82	68	.270	.270	1.90	1.32	3.7	2.8	3.8
November	29.292	29.73	28.90	33.6	37.4	42.1	30.6	36.4	68	16	29	29	82	72	.169	.166	1.00	.52	6.4	6.6	6.7
December	29.225	29.57	28.75	22.9	26.8	31.2	19.5	25.4	56	− 6	20	23	88	84	.120	.134	3.66	1.98	6.3	6.4	6.9
Year	29.206	29.86	28.54	44.1	49.6	55.6	40.4	48.0	94	− 6	38	40	80	70	.283	.296	28.78	2.29	5.5	5.5	5.6

DODGE CITY, KANS.

[λ=37° 45′ N.; φ=100° 0′ W.]

January	27.442	27.77	27.02	22.2	37.4	48.8	18.7	33.8	69	−11	18	24	81	58	.099	.132	.13	.13	3.3	3.3	3.9
February	27.447	27.85	26.88	22.3	33.4	41.5	18.8	30.2	69	− 2	19	24	88	69	.108	.131	.46	.34	5.2	4.4	5.5
March	27.281	27.85	26.72	30.0	46.4	56.2	27.9	42.0	85	14	23	26	74	54	.123	.158	.80	.32	3.3	3.8	4.3
April	27.380	27.64	26.80	43.0	57.7	64.8	40.7	52.8	87	24	38	42	85	62	.244	.281	3.45	1.14	4.9	4.8	5.1
May	27.329	27.81	26.98	52.9	68.5	75.8	48.8	62.3	87	35	47	48	82	52	.336	.352	1.75	.96	3.1	4.8	4.0
June	27.272	27.57	26.99	66.6	83.4	90.7	62.8	76.8	103	46	56	56	75	42	.493	.469	2.63	1.93	3.2	3.7	3.2
July	27.363	27.56	27.03	72.5	88.8	96.5	68.4	82.4	104	61	61	57	68	37	.544	.480	1.81	1.02	3.1	3.9	3.7
August	27.412	27.57	27.21	66.7	85.8	92.2	64.8	78.5	102	59	60	57	81	39	.528	.466	.71	.24	3.2	3.9	3.4
September	27.364	27.68	27.01	59.3	73.7	82.0	57.2	69.6	96	35	58	53	81	50	.429	.420	2.54	1.62	4.0	3.8	4.1
October	27.486	27.80	27.17	48.7	61.2	72.5	47.2	59.8	83	33	45	48	88	63	.309	.341	1.64	.71	3.6	3.5	3.5
November	27.505	27.84	27.16	35.2	48.0	60.6	31.7	46.2	76	22	30	33	82	67	.176	.193	.04	.03	3.6	3.4	3.8
December	27.410	27.89	26.96	23.3	34.0	46.1	19.3	32.7	71	− 4	18	23	81	65	.106	.126	.08	.02	3.2	4.5	4.5
Year	27.390	27.89	26.72	45.2	59.9	69.0	42.2	55.6	104	−11	39	41	80	54	.291	.296	16.06	1.93	3.6	3.9	4.1

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued

DENVER, COLO.

[H=5,291 ft.; h_t=79 ft.; h_r=74 ft.; h_a=151 ft.]

Month.	Wind.														Number of days.												
	By self-registers.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.					Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction.a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.0	SW.	45	NW.	1	5	5	3	1	16	18	2	12	0	19	9	3	2	0	2	0	0	5	0	26	0	0
February	7.2	SW.	43	NW.	1	5	14	6	5	11	10	2	3	0	10	13	5	3	0	3	0	0	10	0	26	0	0
March	10.3	SW.	61	NW.	3	7	6	6	4	9	13	1	16	0	11	10	10	7	7	7	0	0	1	0	21	0	0
April	8.8	SW.	36	W.	0	11	12	3	5	8	16	5	0	0	10	11	9	10	8	9	0	0	1	0	14	1	0
May	8.1	S.	50	S.	2	11	6	6	4	15	12	5	3	0	7	16	8	9	6	9	1	0	0	0	0	10	0
June	7.9	SW.	45	S.	1	10	6	1	7	9	19	4	4	0	15	11	4	7	4	0	0	0	0	6	0	10	0
July	7.9	SW.	38	N.	0	7	4	4	5	12	21	4	5	0	23	7	1	1	0	0	0	0	0	21	0	12	0
August	7.2	SW.	38	NW.	0	8	8	4	3	5	21	6	7	0	11	15	5	10	9	0	1	0	0	6	0	15	0
September	7.6	SW.	50	NW.	3	10	5	8	3	9	21	1	3	0	21	8	1	2	1	0	1	0	0	0	0	6	0
October	7.2	SW.	43	E.	2	8	8	6	5	10	17	3	5	0	18	10	3	5	3	1	0	1	0	0	2	2	0
November	8.0	SW.	45	NW.	1	6	4	8	3	10	19	5	5	0	18	9	3	0	0	0	0	0	0	0	19	0	0
December	9.5	SW.	52	N.	4	8	7	6	9	6	17	3	6	0	14	9	8	10	5	10	0	0	5	0	26	0	0
Year	8.2	SW.	61	NW.	18	96	85	61	54	120	204	41	69	0	177	128	60	66	43	32	3	1	22	33	134	56	0

DES MOINES, IOWA.

[H=861 ft.; h_t=84 ft.; h_r=75 ft.; h_a=88 ft.]

January	8.6	NW.	26	SW.	0	8	8	2	11	3	8	6	16	0	10	11	10	5	4	5	0	0	10	0	28	0	0
February	8.0	NW.	28	NE.	0	11	6	2	6	4	2	9	16	0	11	9	8	6	2	6	0	0	16	0	28	0	0
March	10.2	NW.	29	NW.	0	13	7	5	10	5	7	5	10	0	7	12	12	11	9	7	1	0	2	0	22	4	0
April	8.6	SE.	32	SW.	0	10	11	5	19	9	4	0	2	0	8	13	9	6	5	3	0	1	0	0	6	1	0
May	7.6	NE.	29	NW.	0	11	14	11	5	3	8	3	9	0	12	13	6	5	5	0	0	0	0	0	0	3	0
June	8.3	SW.	36	SW.	0	1	4	3	14	9	15	9	5	0	11	16	3	9	7	0	0	0	0	9	0	9	0
July	6.9	SW.	32	SW.	0	3	8	4	12	5	15	8	7	0	15	15	1	4	4	0	1	0	0	25	0	11	0
August	5.6	NE.	20	SE.	0	7	18	12	10	7	3	1	4	0	18	15	3	7	6	0	0	0	0	10	0	5	0
September	8.0	S.	32	SW.	0	4	7	8	9	14	3	6	9	0	9	12	9	8	7	0	0	0	0	2	0	6	0
October	7.4	SW.	33	SW.	0	11	5	1	7	5	12	10	10	1	13	9	9	5	5	0	0	0	0	0	2	5	0
November	7.7	NW.	42	SW.	1	8	9	1	6	7	8	3	18	0	17	9	4	1	1	1	0	0	1	0	22	0	0
December	7.5	NW.	25	NW.	0	9	10	3	4	8	4	11	13	0	7	13	11	9	8	8	0	0	16	0	29	0	0
Year	7.9	NW.	42	SW.	1	96	107	57	113	77	89	71	119	1	133	147	85	76	63	30	2	1	45	46	137	44	0

DETROIT, MICH.

[H=730 ft.; h_t=153 ft.; h_r=147 ft.; h_a=193 ft.]

January	12.7	W.	48	SW.	1	8	4	2	2	8	19	11	8	0	6	2	23	13	11	11	0	0	16	0	31	0	0
February	12.6	W.	33	NE.	0	3	2	3	1	4	14	17	12	0	7	7	14	10	5	10	0	1	27	0	28	0	0
March	15.0	SW.	48	SW.	2	4	9	5	5	6	19	6	8	0	6	6	19	13	10	8	0	1	3	0	27	0	0
April	12.3	N.	52	NE.	1	23	16	5	5	4	3	1	3	0	10	7	13	9	8	3	0	0	0	0	3	0	0
May	11.0	NE.	40	W.	1	7	21	5	2	3	12	8	4	0	5	16	10	13	10	0	1	0	0	0	0	4	0
June	9.4	SW.	30	W.	0	4	6	6	10	4	14	11	5	0	9	13	8	8	7	0	0	0	0	0	0	9	0
July	10.3	SW.	40	SW.	1	6	11	4	4	6	17	7	7	0	18	10	3	12	10	0	0	0	0	8	0	11	0
August	8.9	NE.	28	W.	0	10	13	8	9	8	8	4	2	0	10	15	6	10	6	0	0	0	0	0	0	6	0
September	10.8	SW.	38	SW.	0	7	7	3	8	7	7	9	12	0	13	13	4	7	4	0	0	0	0	0	0	3	0
October	12.2	SW.	56	S.	2	7	5	2	3	9	19	10	7	0	16	12	3	7	7	0	0	1	0	0	1	0	0
November	12.0	NW.	37	NW.	0	7	2	1	4	3	9	16	18	0	5	11	14	7	5	0	0	0	3	0	19	0	0
December	11.1	SW.	37	S.	0	11	0	4	3	7	18	13	6	0	8	6	17	8	7	6	0	4	12	0	27	0	0
Year	11.5	SW.	56	S.	8	97	96	48	56	69	159	113	92	0	113	118	134	117	90	38	1	7	61	8	136	33	0

DODGE CITY, KANS.

[H=2,509 ft.; h_t=44 ft.; h_r=36 ft.; h_a=52 ft.]

January	9.6	NW.	41	S.	2	16	4	1	8	8	2	6	17	0	14	14	3	1	1	1	0	0	3	0	30	0	0
February	9.5	NW.	34	NW.	0	12	9	1	10	1	3	5	15	0	8	12	8	8	3	6	0	3	10	0	26	0	0
March	13.8	NW.	52	NW.	4	5	4	3	9	3	5	7	26	0	19	7	5	8	3	5	0	1	0	0	22	0	0
April	13.9	SE.	48	NW.	3	5	5	4	27	1	4	2	11	1	18	7	10	10	7	3	0	1	0	0	7	1	0
May	8.9	SE.	42	SE.	1	14	10	1	20	2	0	5	10	0	17	9	5	6	5	0	0	1	0	0	0	8	0
June	15.0	SE.	40	SE.	1	4	2	3	36	8	2	1	4	0	21	7	2	6	5	0	2	1	0	14	0	7	0
July	12.4	SE.	56	SE.	1	3	2	3	35	11	2	1	1	4	19	11	1	4	3	0	0	1	0	28	0	10	0
August	9.1	SE.	36	NE.	0	5	10	8	22	5	4	3	4	1	20	10	1	7	7	0	0	1	0	20	0	11	0
September	13.7	SE.	42	SE.	1	6	5	4	34	4	2	0	5	0	12	14	4	8	8	0	0	1	0	7	0	6	0
October	10.3	SE.	48	SE.	2	8	7	2	20	6	4	7	6	2	19	9	3	8	6	0	1	2	0	0	0	5	0
November	9.2	SE.	37	SW.	0	9	4	2	16	5	5	6	11	2	17	11	2	2	0	0	0	0	0	0	17	0	0
December	10.7	NW.	44	NW.	1	7	5	1	11	1	3	11	22	1	15	10	6	6	0	3	0	2	6	0	28	0	0
Year	11.3	SE.	56	SE.	16	94	67	33	248	55	36	54	132	11	194	121	60	74	45	18	4	14	19	69	180	48	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

DUBUQUE, IOWA.

[λ=42° 30′ N.; φ=90° 44′ W.]

Month.	Pressure. Extremes. Monthly mean.	Pressure. Extremes. Maximum.	Pressure. Extremes. Minimum.	Temperature. Mean. 8 a. m.	Temperature. Mean. 8 p. m.	Temperature. Mean. Maximum.	Temperature. Mean. Minimum.	Temperature. Mean. Monthly.	Temperature. Extremes. Maximum.	Temperature. Extremes. Minimum.	Moisture. Dew point. 8 a. m.	Moisture. Dew point. 8 p. m.	Moisture. Relative humidity. 8 a. m.	Moisture. Relative humidity. 8 p. m.	Moisture. Vapor pressure. 8 a. m.	Moisture. Vapor pressure. 8 p. m.	Moisture. Precipitation. Total.	Moisture. Precipitation. Maximum in 24 hours.	Cloudiness. 8 a. m.	Cloudiness. 8 p. m.	Cloudiness. Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.281	29.86	28.64	19.4	25.5	31.0	16.3	23.6	52	—11	18	22	94	87	.104	.121	1.07	.41	4.8	4.7	5.2
February	29.334	29.84	28.81	8.9	18.8	23.5	5.3	14.5	38	—10	6	14	89	82	.058	.082	1.07	.48	4.1	3.3	3.4
March	29.073	29.52	28.55	29.5	34.9	40.2	25.5	32.8	65	— 2	26	26	85	72	.141	.147	2.88	.94	6.3	6.8	6.1
April	29.360	29.76	28.58	42.6	56.2	59.9	40.3	50.1	86	26	33	34	71	45	.198	.203	1.01	.54	4.9	5.1	4.5
May	29.155	29.68	28.81	54.2	65.7	70.4	50.1	60.2	88	38	45	45	71	51	.305	.313	3.10	.56	4.3	5.4	5.4
June	29.164	29.40	28.82	66.0	78.1	83.4	61.6	72.5	98	39	58	58	74	52	.494	.504	1.23	.31	3.5	3.7	4.1
July	29.194	29.43	28.87	74.5	88.5	93.8	70.5	82.2	106	54	61	60	64	41	.554	.532	2.31	1.86	2.6	3.4	3.1
August	29.268	29.48	29.00	65.5	79.7	84.6	62.6	73.6	92	52	56	56	73	46	.458	.457	.25	.17	3.2	3.1	3.4
September	29.261	29.54	28.78	55.7	67.0	72.0	53.5	62.8	91	38	50	52	81	61	.366	.395	3.72	1.22	4.6	4.5	5.4
October	29.341	29.66	28.93	46.9	57.0	64.2	44.5	54.4	80	31	40	40	79	54	.262	.256	1.64	.88	4.2	3.8	4.5
November	29.384	29.82	28.95	28.7	36.6	44.5	26.1	35.3	68	12	23	27	79	68	.130	.145	.67	.30	3.9	3.4	5.0
December	29.294	29.75	28.78	19.9	22.2	27.3	16.2	21.8	45	—17	15	18	82	84	.099	.109	1.44	1.32	7.4	5.7	7.4
Year	29.259	29.88	28.55	42.6	52.5	57.9	39.7	48.6	106	—17	36	38	78	62	.264	.272	20.39	1.86	4.5	4.4	4.8

DULUTH, MINN.

[λ=46° 47′ N.; φ=92° 06′ W.]

January	29.223	29.89	28.42	9.8	15.2	21.0	4.8	12.9	39	—19	6	8	84	72	.065	.070	.36	.15	6.4	3.5	5.4
February	29.287	29.84	28.82	5.2	14.6	18.4	3.4	10.9	34	—12	2	6	84	67	.046	.054	.72	.32	4.3	4.2	4.8
March	29.132	29.53	28.26	20.9	26.7	31.0	18.5	24.8	52	—15	18	20	87	74	.106	.110	1.95	.58	6.5	6.6	6.4
April	29.389	29.78	28.95	37.6	41.6	46.7	34.8	40.8	78	24	32	31	80	67	.185	.176	1.23	.69	5.3	5.8	5.5
May	29.204	29.83	28.79	46.2	52.1	57.5	42.1	49.8	82	34	39	41	77	68	.241	.260	.97	.55	5.1	4.5	4.8
June	29.115	29.47	28.62	53.6	60.6	65.1	49.4	57.2	86	40	48	50	83	70	.351	.373	9.09	3.58	5.3	5.5	6.2
July	29.186	29.42	28.90	62.3	68.9	73.5	58.2	65.8	98	48	56	56	83	67	.463	.462	4.39	1.18	4.7	5.1	5.4
August	29.247	29.53	28.98	62.7	70.0	74.6	61.1	67.8	87	52	56	56	80	64	.466	.465	1.70	.71	4.4	4.6	4.8
September	29.223	29.64	28.68	52.1	59.4	64.2	50.6	57.4	86	37	46	47	80	66	.319	.331	2.39	1.17	5.4	5.5	5.7
October	29.255	29.58	28.82	42.9	50.0	55.7	40.8	48.2	80	28	36	36	79	62	.225	.224	2.01	.86	4.4	3.8	4.5
November	29.330	29.76	28.85	25.7	31.0	35.6	23.1	29.4	52	11	21	24	82	75	.116	.135	1.28	.94	6.3	5.5	6.3
December	29.237	29.68	28.52	11.7	15.4	21.2	8.3	14.8	43	—26	8	9	83	75	.075	.076	.68	.26	5.6	6.0	6.0
Year	29.236	29.89	28.26	35.9	42.1	47.0	32.9	40.0	98	—26	31	32	82	69	.221	.228	26.68	3.58	5.3	5.0	5.5

EAGLE, ALASKA.

[λ=64° 46′ N.; φ=141° 12′ W.]

January	[a]28.96	29.78	27.99	—19.3	—17.1	— 6.4	—29.3	—17.8	32	—68	—22	—20	90	88	.025	.031	.42	.17	3.8	4.6	4.8
February	[a]29.32	29.79	28.63	—21.3	—15.7	— 1.7	—28.8	—15.2	28	—65	—24	—19	86	86	.021	.023	.55	.35	3.2	3.0	3.8
March	[a]28.85	29.71	27.98	1.6	5.2	21.1	—11.0	5.0	42	—49	— 2	— 1	85	74	.035	.037	.55	.32	6.7	4.4	5.8
April	[a]28.96	29.40	28.38	19.3	23.1	36.6	1.5	19.0	53	—26	11	11	67	57	.068	.068	.56	.45	4.9	5.8	5.4
May	[a]28.91	29.28	28.21	41.2	43.0	52.1	26.1	39.1	71	16	29	29	62	58	.158	.160	1.63	.84	5.2	5.1	5.3
June	[a]28.97	29.34	28.47	55.5	58.9	67.1	38.6	52.8	84	27	44	45	64	60	.283	.295	1.22	.35	6.4	6.6	6.8
July	[a]28.96	29.30	28.68	60.3	63.4	72.3	42.0	57.6	85	36	49	51	68	66	.358	.376	1.47	.46	4.8	5.3	5.7
August	[a]28.83	29.27	28.38	51.4	50.8	62.2	35.8	49.0	76	21	45	44	80	80	.301	.298	4.73	1.95	7.1	7.1	7.5
September[b]	[a]28.84	29.28	28.43		51.6	53.0	30.2	41.6	67	21							.84	.19		7.6	7.4
October[b]	[a]28.79	29.40	28.12		29.0	32.2	14.7	23.4	53	—22							1.06	.40		6.8	7.3
November																					
December																					
Year																					

EASTPORT, ME.

[λ=44° 54′ N.; φ=66° 59′ W.]

January	29.813	30.46	28.74	18.1	20.7	26.6	12.4	19.5	41	—15	13	16	79	80	.091	.096	4.80	1.08	6.5	6.4	7.1
February	29.486	30.00	28.99	15.9	20.9	25.6	13.0	19.3	40	5	10	15	77	75	.071	.087	1.65	.67	5.4	4.3	6.0
March	29.779	30.44	29.16	27.7	31.6	36.1	23.6	29.8	48	7	23	27	80	82	.129	.152	4.88	1.44	6.9	5.7	6.3
April	29.983	30.42	29.40	40.0	41.8	46.5	36.3	41.4	58	31	35	36	84	82	.209	.217	5.58	1.63	7.0	5.9	7.2
May	29.837	30.19	29.30	45.7	46.2	53.8	40.6	47.2	68	35	42	42	88	86	.269	.272	3.29	1.25	6.9	5.5	7.5
June	29.854	30.17	29.61	56.2	56.1	66.4	48.4	57.4	87	44	51	51	84	85	.383	.384	5.45	3.30	4.3	5.3	6.0
July	29.838	30.20	29.60	63.4	61.9	71.8	53.4	62.6	93	46	57	55	80	80	.468	.442	.91	.30	4.9	4.4	6.2
August	29.964	30.22	29.65	61.1	61.0	70.0	54.0	62.0	81	50	56	55	83	81	.445	.430	2.48	1.38	4.2	3.5	5.5
September	29.932	30.38	29.50	55.8	56.5	65.2	49.5	57.4	82	37	50	50	81	81	.371	.381	2.92	.95	4.6	4.1	5.4
October	29.980	30.56	29.23	46.3	47.6	54.4	41.6	48.0	64	32	40	41	80	80	.266	.270	1.72	.94	4.0	3.4	5.4
November	29.771	30.31	28.82	31.9	34.4	39.0	26.0	34.0	54	11	26	28	78	77	.148	.159	1.91	.84	6.9	6.1	7.0
December	29.937	30.49	29.11	27.5	29.0	35.7	22.7	29.2	54	4	23	24	82	80	.142	.144	6.02	1.51	7.3	4.9	6.6
Year	29.848	30.56	28.74	40.8	42.3	49.3	35.4	42.3	93	—15	36	37	81	81	.249	.253	41.61	3.30	5.7	5.0	6.4

[a] Not corrected to mean of 24 hours.

[b] 8 p. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

DUBUQUE, IOWA.

[H=698 ft.; h_t=101 ft.; h_r=92 ft.; h_a=109 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.0	NW.	38	NW.	0	0	4	5	10	8	4	9	22	0	13	8	10	8	7	7	0	1	16	0	29	0	0
February	7.6	NW.	32	NW.	0	6	3	0	11	2	8	13	12	1	18	4	6	6	4	6	0	0	24	0	28	0	0
March	9.6	NW.	36	NW.	0	3	7	7	5	8	5	9	17	1	8	8	15	12	8	7	0	3	4	0	23	0	0
April	7.9	E.	28	SE.	0	4	11	12	13	2	3	0	15	0	12	13	5	7	4	1	0	1	0	0	4	0	0
May	8.0	NW.	27	NW.	0	8	10	13	4	1	7	3	16	0	7	15	9	12	11	0	0	1	0	0	0	7	0
June	6.9	SE.	24	NW.	0	2	3	6	23	10	6	2	8	0	10	18	2	9	6	0	0	1	0	0	8	0	0
July	7.4	SE.	39	NW.	0	1	5	4	16	17	6	3	10	0	20	8	3	5	3	0	0	0	0	22	0	5	0
August	5.7	NW.	28	NW.	0	7	7	5	12	7	2	3	17	2	20	7	4	5	2	0	0	0	0	2	0	3	0
September	7.2	SE.	32	SE.	0	2	2	3	18	13	6	6	9	1	11	6	13	12	9	0	0	0	0	1	0	3	0
October	6.9	SW.	28	S.	0	1	2	3	8	13	17	9	11	1	15	8	8	6	6	0	1	2	0	0	2	2	0
November	8.1	NW.	34	NW.	0	2	4	0	14	6	4	9	21	0	10	12	8	4	3	3	0	0	2	0	24	0	0
December	7.3	NW.	28	NW.	0	4	4	1	12	6	4	9	22	0	3	9	19	10	2	9	0	1	13	0	28	0	0
Year	7.6	NW.	39	NW.	0	40	62	59	146	93	69	75	180	6	147	116	102	96	65	33	1	10	59	31	138	28	0

DULUTH, MINN.

[H=702 ft.; h_t=95 ft.; h_r=90 ft.; h_a=116 ft.]

January	9.1	SW.	48	NW.	3	9	2	5	0	3	18	10	15	0	7	17	7	10	3	10	0	0	26	0	31	0	0
February	9.9	NW.	36	NW.	0	4	10	1	0	0	8	14	19	0	12	9	7	9	3	9	0	0	27	0	28	0	0
March	14.2	NE.	42	NW.	1	8	29	6	0	0	6	4	9	0	8	9	14	12	7	11	0	0	16	0	31	0	0
April	8.2	NE.	36	NW.	0	3	42	2	2	1	2	1	6	1	11	9	10	6	4	0	0	0	0	0	7	0	0
May	10.0	NE.	43	NE.	1	6	43	4	0	0	3	1	5	0	12	14	5	9	4	0	0	4	0	0	0	3	0
June	9.2	NE.	42	NW.	1	2	29	4	1	0	6	5	13	0	4	15	11	16	12	0	0	3	0	0	0	12	0
July	9.4	NE.	36	NE.	0	7	35	4	0	1	9	3	2	1	11	11	9	12	9	0	1	1	0	4	0	13	0
August	8.4	NE.	32	NW.	0	7	22	3	0	2	11	6	11	0	7	19	5	10	6	0	0	0	0	0	0	7	0
September	10.3	NE.	40	NE.	1	7	22	1	1	2	11	9	7	0	11	6	13	6	5	0	1	0	0	0	0	2	0
October	9.7	NW.	32	SW.	0	7	14	1	1	0	12	5	18	4	14	13	4	10	6	0	0	0	0	0	2	2	0
November	10.5	SW.	56	NW.	3	3	6	1	1	3	21	7	18	0	9	6	15	8	4	6	0	0	10	0	28	0	0
December	9.6	NW.	39	NW.	0	3	3	1	3	6	22	4	19	1	11	3	17	10	6	10	0	0	27	0	31	0	0
Year	9.9	NE.	56	NW.	10	66	257	33	9	18	129	69	142	7	117	131	117	118	69	46	2	8	106	4	158	39	0

EAGLE, ALASKA.

[H=573 ft.; h_t=6 ft.; h_r=3 ft.; h_a=26 ft.]

January	1.7	SE.	34	NE.	0	0	13	3	14	3	1	7	5	16	13	8	10	8	4	8	0	0	31	0	31	0	3
February	6.4	E.	30	E.	0	1	7	13	4	4	2	7	3	15	15	6	7	4	2	4	0	0	28	0	28	0	5
March	4.4	E.	24	E.	0	3	10	10	4	6	5	9	8	7	9	8	14	9	4	9	0	0	21	0	31	0	4
April	5.2	W.	22	SE.	0	3	6	7	9	1	4	18	7	5	8	12	10	6	2	6	0	1	12	0	30	0	6
May	5.6	NE.	22	W.	0	5	16	7	10	1	1	8	13	1	11	8	12	9	8	3	2	0	0	0	25	0	0
June	5.4	E.	26	E.	0	5	10	15	6	0	6	3	12	3	3	13	14	11	7	1	2	0	0	0	4	6	0
July	4.8	W.	35	NW.	0	8	9	8	3	3	6	14	7	4	9	9	13	12	8	0	1	0	0	0	0	4	0
August	4.7	E.	25	SW.	0	0	4	15	13	2	4	15	8	1	2	10	19	17	18	0	1	2	0	0	8	1	0
September	.....	E.	.....	.....	.....	2	7	8	5	1	1	4	2	0	3	9	18	9	8	0	0	4	0	0	18	1	2
October	.....	NE.	.....	.....	.....	0	10	3	7	3	0	5	1	2	4	7	20	7	6	7	0	3	10	0	31	0	3
November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

EASTPORT, ME.

[H=76 ft.; h_t=69 ft.; h_r=62 ft.; h_a=74 ft.]

January	13.9	NW.	44	NE.	1	16	7	3	3	1	4	13	13	2	8	4	19	20	18	15	0	1	23	0	31	0	1
February	13.8	NW.	38	NE.	0	6	3	0	0	0	3	22	22	0	11	5	12	9	7	9	0	1	21	0	28	0	0
March	12.9	N.	50	SE.	2	12	7	4	7	1	13	11	6	1	12	4	15	19	18	11	0	0	5	0	26	0	0
April	14.3	E.	54	E.	5	8	19	15	10	2	3	0	0	3	8	3	19	15	13	0	0	2	0	0	3	0	0
May	10.6	SW.	42	NE.	1	7	11	9	2	5	20	6	1	1	5	8	18	13	11	1	0	0	8	0	0	1	0
June	8.2	SW.	36	S.	0	7	5	5	1	7	23	7	2	3	9	9	12	9	9	0	0	0	7	0	0	6	0
July	6.6	SW.	26	SW.	0	11	11	0	2	2	15	19	2	0	9	10	12	9	7	0	0	0	10	0	1	4	0
August	7.3	SW.	32	S.	0	9	6	3	1	4	29	8	0	2	12	10	9	9	8	0	0	0	10	0	0	2	0
September	8.4	SW.	28	N.	0	9	6	1	1	3	20	14	4	2	13	8	9	11	11	0	0	0	5	0	0	1	1
October	9.8	SW.	35	N.	0	10	1	0	0	5	21	15	8	2	13	5	13	9	7	1	1	6	0	0	1	0	1
November	13.1	N.	50	E.	3	14	9	3	1	0	7	6	20	0	4	9	17	13	9	1	2	5	0	0	14	0	1
December	13.0	N.	48	NE.	6	16	7	0	5	4	6	15	6	3	8	7	16	16	15	6	0	1	11	0	24	0	0
Year	11.0	SW.	54	E.	18	125	92	43	33	34	164	136	84	19	112	82	171	152	133	52	2	53	65	1	127	14	4

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

ELKINS, W. VA.

[λ=38° 53′ N.; φ=79° 49′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.				Extremes.			Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	27.949	28.49	27.35	27.3	30.9	40.2	21.2	30.7	57	— 3	23	25	84	78	.134	.142	3.65	.99	9.0	6.5	7.7
February	27.900	28.21	27.55	19.0	24.5	31.9	14.2	23.0	54	0	15	17	84	70	.091	.096	1.17	.30	7.9	6.4	6.7
March	27.842	28.14	27.46	34.9	40.8	49.5	28.5	39.0	72	0	29	32	79	72	.174	.192	3.50	.95	7.2	7.2	7.3
April	27.920	28.43	27.32	38.1	46.2	58.9	33.2	43.6	80	21	34	35	84	71	.195	.211	5.61	2.01	6.1	7.4	6.9
May	27.836	28.17	27.58	53.1	59.7	70.1	44.7	57.4	84	30	47	49	81	69	.333	.360	5.95	1.53	5.8	6.4	6.1
June	28.003	28.20	27.74	62.2	67.5	79.9	54.7	67.3	92	39	58	61	85	79	.488	.544	5.94	1.86	6.0	6.4	5.8
July	28.012	28.22	27.89	68.3	73.3	85.4	62.1	73.8	94	54	64	66	85	80	.589	.652	2.98	.69	5.7	5.5	5.8
August	28.028	28.18	27.89	63.3	68.7	81.3	58.6	70.0	89	50	60	63	91	82	.528	.572	4.23	.83	6.5	5.8	5.7
September	28.065	28.31	27.75	54.2	60.3	73.5	50.0	61.8	84	32	52	56	92	87	.397	.460	3.14	1.98	4.8	3.1	5.5
October	28.128	28.44	27.72	40.5	49.4	66.5	34.9	50.7	80	24	38	40	90	73	.233	.257	.50	.20	4.5	2.4	4.9
November	28.018	28.40	27.52	28.7	32.8	41.9	22.9	32.4	70	8	26	26	88	77	.141	.142	2.90	.95	7.8	5.7	7.5
December	27.955	28.24	27.46	24.9	29.2	39.7	19.4	29.6	66	— 6	22	26	90	87	.140	.159	6.92	2.79	8.7	6.9	7.6
Year	27.971	28.49	27.32	42.9	48.6	59.5	37.0	48.3	94	— 6	39	41	86	77	.287	.315	46.49	2.79	6.7	5.8	6.5

EL PASO, TEX.

[λ=31° 47′ N.; φ=106° 30′ W.]

January	26.249	26.53	25.99	35.3	54.0	60.5	33.6	47.0	72	20	21	23	55	32	.121	.132	.35	.21	3.2	4.2	4.0
February	26.161	26.50	25.82	39.1	57.1	62.4	37.0	49.7	80	26	29	27	68	36	.158	.151	.68	.17	2.8	3.9	4.1
March	26.119	26.48	25.76	41.1	64.1	68.8	40.1	54.4	84	30	20	14	43	15	.111	.087	.47	.32	1.2	2.7	2.6
April	26.121	26.29	25.86	47.1	71.0	76.8	45.7	61.2	89	33	25	17	43	15	.140	.104	.47	.47	2.8	3.0	3.3
May	26.061	26.42	25.79	60.1	82.4	86.2	59.0	72.6	95	49	35	25	41	14	.210	.143	.06	.05	2.1	3.0	2.4
June	26.074	26.23	25.90	65.8	89.5	94.5	64.5	79.5	103	49	34	30	35	14	.223	.184	.39	.20	1.1	3.0	1.9
July	26.141	26.29	25.97	70.0	86.6	93.4	68.8	81.1	100	64	57	52	66	34	.484	.410	1.05	.55	4.2	5.9	4.8
August	26.184	26.37	26.02	70.5	88.0	94.6	69.6	82.1	99	64	55	50	60	29	.446	.372	.34	.19	3.8	4.8	4.1
September	26.133	26.36	25.97	64.0	82.6	89.0	63.3	76.2	96	55	50	45	63	30	.382	.315	.82	.46	2.3	2.6	2.8
October	26.232	26.43	26.01	53.2	69.5	77.5	52.0	64.8	90	41	45	42	76	48	.311	.285	2.98	.86	3.1	3.7	3.7
November	26.287	26.54	26.10	43.8	59.5	68.5	41.6	55.0	79	35	37	37	79	45	.226	.224	1.05	.89	3.1	2.7	3.6
December	26.227	26.67	25.77	35.3	52.0	61.3	32.4	46.8	77	19	20	18	54	26	.108	.100	.03	.03	1.3	2.2	2.2
Year	26.166	26.67	25.76	52.1	71.4	77.8	50.6	64.2	103	19	36	32	57	28	.243	.209	8.68	.89	2.6	3.5	3.3

ERIE, PA.

[λ=42° 07′ N.; φ=80° 05′ W.]

January	29.214	29.88	28.57	26.4	28.7	35.4	22.3	28.8	54	3	23	24	86	83	.128	.135	1.30	.28	8.4	8.0	8.4
February	29.197	29.54	28.80	15.5	19.7	24.9	12.8	18.8	39	— 2	14	16	92	83	.080	.088	1.34	.44	7.8	6.9	7.8
March	29.087	29.35	28.72	31.6	34.6	41.9	26.3	34.1	66	— 1	27	31	82	85	.153	.180	1.99	.38	7.7	6.9	7.0
April	29.256	29.72	28.72	41.8	44.8	50.3	36.8	43.6	76	30	35	39	79	81	.211	.251	3.20	1.54	6.6	5.9	6.3
May	29.099	29.48	28.83	53.8	55.3	62.5	47.5	55.0	78	38	50	51	89	86	.373	.384	2.24	.65	6.0	6.3	6.7
June	29.211	29.46	28.93	65.8	68.7	74.8	59.2	67.0	88	43	60	62	83	80	.533	.567	2.48	.84	5.2	5.0	4.9
July	29.203	29.46	28.95	73.6	77.3	82.2	68.6	75.4	91	59	65	65	76	66	.632	.624	2.27	.73	5.3	4.7	4.1
August	29.250	29.42	29.06	69.0	71.6	77.7	64.5	71.1	87	56	61	64	76	76	.548	.594	5.37	1.89	5.2	5.2	5.6
September	29.285	29.64	28.80	60.9	64.2	71.8	57.0	64.2	83	44	54	55	79	73	.434	.446	2.99	.73	5.1	4.1	5.4
October	29.346	29.73	28.84	48.9	53.2	60.9	44.8	52.8	77	35	41	44	77	71	.270	.293	1.69	1.02	5.2	2.8	5.7
November	29.279	29.72	28.82	36.4	38.0	42.9	33.2	38.0	66	19	31	32	80	81	.178	.187	2.96	.98	8.1	7.3	8.2
December	29.242	29.58	28.78	27.4	29.4	35.4	23.4	29.4	65	0	25	24	91	81	.148	.146	3.84	1.08	8.3	7.0	8.1
Year	29.222	29.88	28.57	45.9	48.8	55.0	41.4	48.2	91	— 2	40	42	82	79	.307	.325	31.67	1.89	6.5	5.8	6.5

ESCANABA, MICH.

[λ=45° 48′ N.; φ=87° 05′ W.]

January	29.301	29.97	28.49	14.4	18.4	25.2	9.8	17.5	36	— 9	13	16	95	91	.084	.094	.74	.25	5.1	6.7	7.7
February	29.340	29.88	28.94	5.7	14.6	21.5	2.0	11.8	31	— 8	5	10	98	82	.058	.067	.36	.15	5.4	4.0	5.6
March	29.191	29.53	28.52	19.6	24.3	31.1	14.8	23.0	44	— 9	18	20	91	86	.101	.113	3.35	.80	7.8	6.4	7.8
April	29.496	29.92	28.98	36.6	43.3	49.6	32.3	41.0	65	19	30	30	75	61	.171	.178	.90	.60	4.9	5.1	5.3
May	29.275	29.79	28.91	48.7	52.6	58.9	42.8	50.8	74	32	42	43	80	71	.277	.279	2.26	.87	5.9	5.4	6.3
June	29.255	29.56	28.90	59.9	63.3	70.2	53.4	61.8	83	37	54	56	82	78	.439	.464	3.17	.92	5.8	5.1	5.8
July	29.292	29.56	28.91	66.1	70.5	75.8	60.8	68.3	88	46	60	61	83	74	.582	.568	7.45	2.16	4.8	6.5	5.9
August	29.361	29.57	29.01	63.1	68.4	74.0	57.4	65.7	81	48	58	60	84	75	.492	.533	3.24	.94	4.0	3.9	4.4
September	29.356	29.74	28.67	53.7	58.5	64.6	48.8	56.7	82	34	50	51	86	78	.366	.393	2.15	.75	5.4	5.8	6.3
October	29.371	29.75	28.90	43.8	47.7	54.9	38.3	46.6	71	28	40	40	87	74	.258	.253	3.82	1.47	7.1	2.8	5.9
November	29.405	29.88	28.93	30.1	32.7	38.4	25.8	32.1	53	15	27	28	88	84	.150	.156	1.84	.81	7.4	7.2	8.2
December	29.315	29.70	28.67	17.6	22.5	27.5	14.2	20.8	41	—13	17	20	96	89	.103	.114	.69	.41	8.0	6.9	7.5
Year	29.330	29.97	28.49	38.3	43.1	49.3	33.4	41.3	88	—13	34	36	87	79	.252	.266	29.97	2.16	6.0	5.4	6.4

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

ELKINS, W. VA.

[H=1,940 ft.; h_t=41 ft.; h_r=34 ft.; h_a=50 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	5.6	W.	35	W.	0	10	2	0	3	5	10	20	9	3	1	13	17	18	14	11	0	2	9	0	28	0	0
February	6.8	W.	27	W.	0	4	1	0	0	5	8	28	8	2	4	12	12	17	9	16	0	0	13	0	27	0	0
March	7.4	W.	36	S.	0	5	1	0	4	14	12	21	5	6	1	12	18	21	14	8	0	0	2	0	20	0	0
April	4.9	NW.	27	S.	0	13	7	4	5	5	2	10	14	0	7	6	17	16	14	8	0	2	0	0	11	0	0
May	4.2	N.	27	SE.	0	17	4	2	6	4	5	10	12	2	7	13	11	19	14	0	2	3	0	0	1	8	0
June	3.4	S.	32	S.	0	4	1	5	5	16	11	3	15	0	4	20	6	18	15	0	0	5	0	1	0	16	0
July	3.3	SW.	20	W.	0	10	6	3	6	9	12	6	8	2	7	15	9	13	8	0	1	12	0	6	0	16	0
August	2.7	N.	22	N.	0	13	5	5	4	9	12	4	5	5	5	20	6	17	12	0	0	13	0	0	0	10	0
September	3.3	SE.	19	W.	0	6	5	1	11	4	8	10	8	7	8	14	8	8	5	0	0	17	0	0	0	2	0
October	3.2	W.[a]	25	S.	0	5	2	0	2	6	10	14	7	16	12	16	3	4	3	0	0	11	0	0	14	1	0
November	4.8	W.	31	W.	0	13	1	0	0	4	4	24	8	6	4	10	16	13	11	11	0	2	7	0	28	0	0
December	4.3	N.	32	W.	0	13	2	1	3	11	6	11	9	6	0	15	16	17	12	10	0	1	9	0	26	0	0
Year	4.5	W.	36	S.	0	113	37	21	49	92	100	161	108	49	60	166	139	181	131	64	3	68	40	7	155	53	0

EL PASO, TEX.

[H=3,762 ft.; h_t=10 ft.; h_r=2 ft.; h_a=110 ft.]

January	9.1	NW.	39	NE.	0	3	7	5	5	3	3	16	20	0	14	10	7	5	2	0	0	0	0	0	14	0	0
February	11.4	NW.	50	NW.	4	3	6	10	3	2	4	12	16	0	9	16	3	7	6	0	1	0	0	0	6	1	0
March	15.3	NW.	58	W.	10	1	4	8	2	1	4	21	21	0	18	12	1	3	2	0	1	0	0	0	4	0	0
April	12.4	NW.	74	W.	4	2	9	5	8	1	5	18	12	0	17	9	4	1	1	1	0	0	0	0	0	1	0
May	13.9	NW.	72	NE.	6	2	0	11	4	2	6	18	19	0	21	10	0	1	1	0	0	0	0	8	0	0	0
June	11.2	W.	65	NW.	5	0	10	11	4	2	7	12	14	0	22	8	0	3	2	0	0	0	0	23	0	2	0
July	9.4	E.	60	NE.	5	0	27	19	9	1	0	1	5	0	6	19	6	7	5	0	0	0	0	27	0	7	0
August	8.9	E.	42	SE.	1	1	9	24	7	0	0	6	15	0	10	20	1	4	3	0	0	0	0	30	0	4	0
September	9.7	E.	38	NW.	0	1	16	13	4	1	5	4	16	0	20	7	3	5	4	0	0	0	0	17	0	1	0
October	8.5	NE.	48	NW.	1	2	18	10	6	6	3	6	11	0	18	5	8	11	9	0	0	1	0	0	0	2	0
November	8.4	NW.	51	NE.	1	0	10	11	3	1	3	10	22	0	14	15	1	3	2	0	1	0	0	0	0	2	0
December	10.3	NW.	52	W.	2	1	9	8	1	1	3	20	24	0	21	8	2	1	0	1	0	0	0	0	15	0	0
Year	10.7	NW.	74	W.	39	16	125	130	56	21	43	144	195	0	190	139	36	51	37	2	3	1	0	105	39	20	0

ERIE, PA.

[H=713 ft.; h_t=92 ft.; h_r=82 ft.; h_a=102 ft.]

January	13.4	SW.	41	SW.	3	10	1	2	1	6	21	9	12	0	0	7	24	20	12	14	0	0	13	0	25	0	0
February	12.1	W.	32	NW.	0	2	0	3	2	3	10	22	14	0	1	10	17	16	10	16	0	0	22	0	28	0	0
March	14.5	W.	52	S.	3	4	7	3	3	8	11	17	9	0	6	5	20	17	14	8	0	1	5	0	25	1	0
April	8.6	NE.	34	NE.	0	9	14	3	3	7	0	15	9	0	10	5	15	14	9	4	0	2	0	0	6	0	0
May	9.3	NE.	33	NE.	0	3	16	5	3	7	8	17	2	1	7	8	16	13	10	0	0	3	0	0	0	2	0
June	8.6	W.	28	NW.	0	1	6	6	3	9	10	21	4	0	12	12	6	9	7	0	0	0	0	0	0	4	0
July	9.3	W.	28	SW.	0	2	11	8	0	3	11	22	5	0	14	15	2	7	6	0	0	0	0	2	0	3	0
August	7.9	S.	26	SW.	0	8	6	13	4	16	9	2	3	1	10	10	11	13	11	0	0	0	0	0	0	9	0
September	9.9	S.	31	S.	0	3	4	7	3	15	13	9	6	0	12	7	11	10	9	0	0	0	0	0	0	2	0
October	11.6	SW.	40	S.	1	8	2	5	1	15	16	11	4	0	9	13	9	9	7	0	4	0	0	0	0	2	0
November	13.7	NW.	38	NW.	0	16	1	3	1	4	14	4	17	0	4	4	22	21	15	8	2	0	2	0	12	0	0
December	12.1	SW.	41	S.	1	10	3	4	0	15	15	12	3	0	1	6	24	16	11	12	1	0	11	0	21	0	0
Year	10.9	W.	52	S.	8	76	71	62	24	108	138	161	88	2	86	102	177	165	121	62	7	6	53	2	117	23	0

ESCANABA, MICH.

[H=612 ft.; h_t=43 ft.; h_r=37 ft.; h_a=57 ft.]

January	9.2	W.	38	N.	0	6	2	0	2	8	11	18	15	0	4	8	19	10	7	8	0	0	22	0	31	0	0
February	7.7	NW.	30	NW.	0	10	2	1	2	4	12	11	14	0	7	12	9	7	6	7	0	0	28	0	28	0	0
March	11.3	N.	38	W.	0	19	9	1	3	6	5	7	11	1	5	7	19	13	11	9	0	2	15	0	29	0	0
April	7.5	N.	33	N.	0	31	5	0	7	5	3	0	8	1	12	6	12	4	4	1	0	2	0	0	16	0	0
May	9.5	N.	37	N.	0	36	4	4	6	7	2	2	1	0	8	7	16	11	10	0	0	3	0	0	0	1	0
June	7.5	SE.	28	N.	0	8	6	3	14	14	6	3	5	1	7	13	10	11	10	0	0	3	0	0	0	8	0
July	8.0	S.	37	NW.	0	15	7	3	3	15	4	3	12	0	8	14	9	16	13	0	0	3	0	0	0	13	0
August	7.7	S.	31	N.	0	14	3	1	6	17	6	1	13	1	15	9	7	9	7	0	1	1	0	0	0	6	0
September	9.2	S.	30	SW.	0	8	7	3	0	15	10	4	12	1	8	8	14	12	9	0	0	3	0	0	0	2	0
October	9.0	W.	33	N.	0	3	4	1	1	14	10	11	17	1	7	12	12	10	8	0	0	0	0	0	6	1	0
November	10.6	NW.	34	N.	0	3	2	1	4	4	15	9	22	0	4	2	24	11	6	7	0	1	5	0	24	1	0
December	8.4	W.	35	NW.	0	3	2	2	3	8	12	19	13	0	4	9	18	9	4	8	0	0	14	0	30	0	0
Year	8.8	N.	38	W.	0	156	53	20	51	117	96	88	143	6	89	107	169	123	95	40	1	18	84	0	164	32	0

[a] By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

EUREKA, CAL.

[λ=40° 48′ N.; φ=124° 11′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	30.022	30.35	29.56	44.5	50.4	52.9	41.9	47.4	62	33	41	45	87	82	.259	.308	9.93	2.40	5.6	5.3	5.7
February	29.975	30.36	29.56	46.2	52.5	55.4	43.7	49.6	68	31	42	46	86	80	.283	.322	7.41	1.72	5.8	7.6	6.7
March	30.114	30.36	29.63	46.1	52.5	54.2	44.1	49.2	75	39	42	44	85	74	.266	.287	3.86	1.25	4.4	5.2	4.9
April	30.056	30.25	29.55	43.6	51.3	53.3	42.1	47.7	62	34	40	42	87	72	.248	.271	4.08	1.14	5.9	4.0	4.6
May	29.995	30.25	29.69	49.3	54.0	56.0	48.4	52.2	63	44	45	47	87	79	.305	.327	1.50	.56	7.2	5.8	5.9
June	30.026	30.18	29.79	49.9	55.8	57.3	49.5	53.4	63	42	46	48	88	76	.317	.343	.12	.12	5.4	3.5	4.0
July	29.949	30.10	29.74	51.9	57.7	59.7	51.3	55.5	69	46	48	50	89	76	.342	.367	.03	.02	6.8	3.7	4.2
August	29.945	30.10	29.76	51.9	56.8	58.7	51.2	55.0	65	48	49	51	92	82	.353	.378	T.	T.	6.5	5.2	6.3
September	29.892	30.15	29.50	52.3	58.4	59.7	51.3	55.5	65	44	50	51	91	76	.356	.369	4.26	1.52	5.6	4.8	4.5
October	30.012	30.26	29.73	52.2	57.9	60.6	51.1	55.8	76	46	49	52	91	82	.351	.392	2.43	1.55	5.3	4.9	5.5
November	30.036	30.27	29.65	50.3	56.0	58.4	47.5	53.0	70	38	46	49	85	77	.309	.346	3.96	1.16	5.6	6.3	5.9
December	30.189	30.52	29.75	43.4	51.8	53.7	41.4	47.6	64	32	40	45	88	78	.254	.302	4.43	1.27	3.4	4.5	4.7
Year	30.018	30.52	29.50	48.5	54.6	56.7	47.0	51.8	76	31	45	48	88	78	.304	.334	42.04	2.40	5.6	5.0	5.2

EVANSVILLE, IND.[a]

[λ=37° 58′ N.; φ=87° 33′ W.]

January	29.638	30.12	29.26	32.6	.....	45.0	29.7	37.4	66	14	29	....	85	....	.165	.....	1.05	.40	6.0	.....	3.8
February	29.647	30.10	29.28	25.9	.....	38.6	24.3	31.4	65	13	22	....	84	....	.120	.....	1.34	.60	4.7	.....	4.1
March	29.416	29.91	28.84	40.4	.....	54.0	36.9	45.4	76	12	35	....	80	....	.215	.....	3.46	1.22	5.5	.....	5.1
April	29.580	29.95	29.04	46.8	.....	61.4	43.9	52.6	82	32	40	....	79	....	.254	.....	2.99	1.90	5.2	.....	4.7
May	29.397	29.71	29.12	59.3	.....	74.0	55.6	64.8	89	45	51	....	75	....	.379	.....	1.00	.34	4.3	.....	3.7
June	29.498	29.72	29.34	71.9	.....	88.4	68.0	78.2	99	53	64	....	78	....	.610	.....	4.25	1.53	3.1	.....	2.4
July	29.510	29.69	29.42	77.8	.....	95.2	73.7	84.4	107	58	67	....	70	....	.667	.....	.18	.16	1.6	.....	1.6
August	29.497	29.68	29.28	76.6	.....	86.6	67.7	77.2	95	60	64	....	79	....	.594	.....	2.07	1.02	2.7	.....	2.7
September	29.580	29.86	29.30	63.0	.....	81.5	60.1	70.8	95	42	57	....	81	....	.474	.....	1.82	.92	2.9	.....	1.9
October	29.683	29.96	29.23	52.2	.....	71.6	50.0	60.8	83	38	47	....	82	....	.331	.....	4.48	4.18	2.5	.....	2.4
November	29.703	30.14	29.37	36.9	.....	52.7	34.8	43.8	73	23	32	....	82	....	.185	.....	1.71	.98	3.0	.....	1.8
December	29.606	30.10	29.16	27.2	.....	37.4	23.5	30.4	65	− 6	24	....	86	....	.149	.....	4.65	2.53	6.0	.....	5.6
Year	29.563	30.14	28.84	50.4	.....	65.5	47.4	56.4	107	− 6	44	....	80	....	.345	.....	29.00	4.18	4.0	.....	3.8

FLAGSTAFF, ARIZ.

[λ=35° 12′ N.; φ=111° 37′ W.]

January	23.344	23.57	23.07	20.9	34.4	42.4	17.9	30.2	56	− 4	....	....	....	....	.....	.....	2.85	1.70	4.1	5.4	....
February	23.276	23.61	22.83	25.4	37.5	41.5	21.8	31.6	56	0	....	....	....	....	.....	.....	8.36	2.40	5.6	6.5	....
March	23.273	23.61	22.96	24.5	42.4	47.8	21.6	34.7	63	5	....	....	....	....	.....	.....	.94	.42	2.1	4.8	....
April	23.275	23.44	22.97	28.5	52.9	57.3	27.5	42.4	69	13	....	....	....	....	.....	.....	.22	.08	3.7	4.3	....
May	23.289	23.41	23.09	36.8	60.4	65.1	36.3	50.7	72	22	....	....	....	....	.....	.....	2.27	.77	3.5	5.3	....
June	23.334	23.48	23.19	42.8	72.5	76.1	40.5	58.3	92	30	....	....	....	....	.....	.....	.02	.02	2.0	3.1	....
July	23.418	23.55	23.29	56.2	78.5	84.2	54.5	69.4	91	42	....	....	....	....	.....	.....	3.02	1.04	4.2	5.3	....
August	23.479	23.61	23.36	53.4	73.4	80.1	52.5	66.3	86	44	....	....	....	....	.....	.....	1.52	.65	5.6	6.8	....
September	23.370	23.49	23.13	39.8	69.4	74.6	38.8	56.7	83	24	....	....	....	....	.....	.....	.15	.15	0.7	2.5	....
October	23.415	23.55	23.16	35.7	56.4	63.4	33.3	48.4	78	25	....	....	....	....	.....	.....	1.90	.59	4.0	5.1	....
November	23.448	23.63	23.20	27.1	46.8	56.9	24.1	40.0	64	14	....	....	....	....	.....	.....	.09	.04	2.8	3.9	....
December	23.368	23.62	22.95	22.2	37.6	48.6	17.0	32.8	65	0	....	....	....	....	.....	.....	.14	.10	1.9	3.3	....
Year	23.357	23.63	22.83	34.6	55.2	61.4	32.2	46.8	92	− 4	....	....	....	....	.....	.....	21.48	2.40	3.4	4.7	....

FORT SMITH, ARK.

[λ=35° 22′ N.; φ=94° 24′ W.]

January	29.628	30.04	29.17	37.6	49.3	55.2	35.5	45.4	72	20	30	30	73	50	.172	.186	.96	.82	5.1	3.6	5.2
February	29.622	30.03	29.13	33.5	45.0	51.6	32.1	41.8	70	20	28	32	80	62	.158	.186	.78	.44	6.9	6.0	5.9
March	29.432	30.06	28.82	43.0	55.3	61.2	40.1	50.6	84	18	37	42	78	62	.235	.285	3.44	1.18	8.7	6.1	4.5
April	29.537	29.89	28.90	51.4	64.2	69.3	48.6	59.0	88	33	47	52	86	66	.338	.338	3.35	1.44	4.6	5.4	5.0
May	29.383	29.79	29.15	62.2	74.5	79.8	59.1	69.4	89	46	58	67	85	78	.480	.659	2.52	1.00	4.1	5.1	4.0
June	29.447	29.64	29.23	72.8	85.1	90.6	68.5	79.6	96	55	66	67	79	56	.639	.674	1.44	.86	1.8	2.6	3.6
July	29.472	29.66	29.25	76.9	89.4	97.9	72.3	85.1	106	66	68	67	76	52	.696	.668	3.23	2.04	2.3	4.7	3.7
August	29.459	29.63	29.26	72.7	86.7	93.8	70.5	82.2	101	64	67	66	83	52	.670	.648	.58	.57	2.7	2.8	3.2
September	29.506	29.78	29.22	63.6	79.0	85.9	61.8	73.8	95	46	57	56	79	47	.483	.468	.42	.26	2.7	3.2	3.3
October	29.636	29.93	29.23	55.4	69.9	78.1	53.8	66.0	90	37	50	50	84	52	.372	.376	1.98	1.34	2.8	2.9	3.4
November	29.683	30.06	29.34	43.9	56.4	63.0	42.0	52.5	78	27	37	38	78	51	.236	.248	2.19	.60	4.2	2.9	4.2
December	29.580	30.22	29.14	31.7	41.3	48.9	28.8	38.8	67	6	26	28	79	61	.153	.172	1.88	1.05	4.8	4.0	4.7
Year	29.532	30.22	28.82	53.7	66.3	72.9	51.1	62.0	106	6	48	50	80	57	.386	.414	22.77	2.04	3.8	4.1	4.2

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

EUREKA, CAL.

[H=62 ft.; h_t=60 ft.; h_r=52 ft.; h_a=80 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	6.7	SE.	43	NW.	1	7	4	4	17	11	6	1	11	1	10	8	13	18	16	0	2	1	0	0	0	0	0
February	5.2	SE.	33	N.	0	5	5	5	11	6	7	9	6	2	6	5	17	19	17	0	2	4	0	0	2	1	0
March	6.7	SE.	37	N.	0	15	4	1	16	1	9	8	8	0	11	11	9	14	11	0	1	3	0	0	0	1	0
April	6.2	NW.	33	NE.	0	3	4	0	16	4	7	5	20	1	9	13	8	9	7	0	1	0	0	0	0	0	0
May	7.0	NW.	39	N.	0	11	3	3	8	3	3	6	23	2	8	11	12	12	9	0	0	2	0	0	0	1	0
June	9.1	NW.	36	NW.	0	12	1	1	1	1	3	6	34	1	16	7	7	1	1	0	0	0	0	0	0	0	0
July	6.6	NW.	28	NW.	0	4	2	0	5	6	2	6	33	4	15	10	6	2	0	0	0	0	0	0	0	0	0
August	4.6	NW.	15	NW.	0	6	1	1	2	4	15	16	17	0	5	14	12	0	0	0	0	5	0	0	0	0	0
September	5.5	SW.	31	NW.	0	3	3	1	6	6	18	4	18	1	7	17	6	9	9	0	0	2	0	0	0	0	0
October	4.0	NW.	33	W.	0	8	3	1	9	4	13	7	16	1	9	13	9	5	3	0	0	4	0	0	0	0	0
November	5.1	SE.	29	SE.	0	7	3	4	20	5	11	3	6	1	7	12	11	13	11	0	0	1	0	0	0	0	0
December	4.6	SE.	36	N.	0	13	4	1	18	3	11	2	8	2	13	9	9	10	9	0	0	0	0	0	1	0	0
Year	5.9	NW.	43	NW.	1	94	37	22	129	54	105	73	200	16	116	130	119	112	93	0	6	22	0	0	3	3	0

EVANSVILLE, IND.

[H=431 ft.; h_t=72 ft.; h_r=66 ft.; h_a=82 ft.]

January	7.4	NW.	30	S.	0	3	6	1	3	6	3	2	7	0	17	8	6	6	6	0	0	1	4	0	18	0	0
February	6.4	W.	30	SW.	0	4	4	2	2	1	4	6	5	0	12	10	6	9	5	6	0	0	6	0	25	1	0
March	10.8	S.	37	S.	0	2	1	2	5	8	4	7	2	0	12	5	14	13	7	3	0	0	1	0	8	2	0
April	8.1	N.	31	SW.	0	9	7	2	4	0	2	1	5	0	16	3	11	12	8	0	0	0	0	0	0	5	0
May	5.4	SW.	20	W.	0	5	6	3	1	2	6	5	3	0	17	8	6	9	8	0	0	0	0	0	0	7	0
June	6.2	S.	23	S.	0	1	6	1	6	8	4	0	4	0	22	6	2	12	7	0	0	0	0	13	0	7	0
July	5.7	S.	26	W.	0	3	6	1	3	11	2	3	2	0	25	6	0	2	1	0	0	0	0	26	0	6	0
August	5.8	NE.	23	NE.	0	4	10	4	2	6	3	0	2	0	22	2	7	8	7	0	0	0	0	8	0	4	0
September	5.6	NE.	35	SW.	0	5	7	5	5	2	2	0	4	0	23	6	1	8	6	0	0	0	0	4	0	1	0
October	6.9	S.	30	W.	0	6	2	3	5	8	2	3	2	0	22	5	4	3	3	0	0	1	0	0	0	1	0
November	6.5	NW.	39	S.	0	4	4	1	4	3	3	3	7	1	24	3	3	5	4	0	0	2	0	0	11	0	0
December	7.8	NW.	33	S.	0	4	5	1	4	6	2	3	6	0	12	5	14	9	8	4	0	0	9	0	20	0	0
Year	6.8	NE.	39	S.	0	50	64	26	44	61	37	33	49	1	224	67	74	97	70	13	0	4	20	51	82	28	0

FLAGSTAFF, ARIZ.

[H=6,907 ft.; h_t=12 ft.; h_r= 8 ft.; h_a=25 ft.]

January		SW.				3	8	8	7	2	13	12	8	1	9	11	11	7	7	5	0	0	3	0	28	0	0
February		W.				3	5	8	1	4	14	15	5	1	5	8	15	13	12	11	0	0	6	0	24	0	0
March		W.				8	10	6	0	4	10	12	12	0	13	6	12	6	4	5	1	0	0	0	30	0	0
April		SW.				14	3	4	2	2	18	11	6	0	13	8	9	6	4	6	0	0	0	0	21	0	0
May		SW.				6	3	2	0	3	25	9	12	2	8	13	10	7	5	2	1	0	0	0	5	0	0
June		SW.				4	2	1	1	3	25	9	11	4	17	8	5	1	0	0	0	0	0	2	3	0	0
July		NW.				12	1	0	1	2	13	11	20	2	10	6	15	12	11	0	0	0	0	2	0	0	0
August		NW.				5	5	4	1	4	4	16	18	5	0	19	12	15	7	0	0	0	0	0	0	0	0
September		SW.				6	0	1	1	3	22	15	11	1	21	8	1	1	1	0	0	0	0	0	3	0	0
October		NE.				6	12	11	3	6	10	3	9	2	10	14	7	9	8	2	0	0	0	0	15	1	0
November		E.				5	4	17	3	3	16	5	6	1	15	15	0	3	1	2	1	0	0	0	29	0	0
December		E.				7	8	14	6	0	8	12	7	0	19	9	3	3	1	2	1	0	2	0	31	0	0
Year		SW.				79	61	76	26	36	178	130	125	19	140	125	100	83	61	35	4	0	11	4	189	10	0

FORT SMITH, ARK.

[H=457 ft.; h_1=494 ft.; h_t=79 ft.; h_r=72 ft.; h_a=94 ft.]

January	9.1	E.	36	W.	0	3	11	14	3	5	8	5	12	1	13	3	15	4	2	0	0	0	0	0	12	0	0
February	9.2	NW.	44	W.	3	9	6	11	2	4	3	7	13	1	7	9	12	8	6	1	0	0	0	0	14	0	0
March	12.7	NW.	50	W.	4	2	7	9	5	9	11	5	13	1	9	14	8	6	5	0	0	0	0	0	7	3	0
April	10.9	E.	52	SW.	1	4	6	24	2	3	5	5	11	0	10	12	8	9	6	0	0	1	0	0	8	8	0
May	7.8	E.	37	W.	0	4	9	15	6	5	7	7	7	2	7	23	1	9	7	0	0	0	0	0	0	11	0
June	7.4	E.	50	NW.	1	5	5	24	10	11	3	2	0	0	12	17	1	3	3	0	0	1	0	18	0	6	0
July	5.9	E.	49	NW.	4	1	9	19	7	12	4	1	4	5	8	23	0	10	8	0	0	0	0	27	0	12	0
August	5.8	E.	25	NW.	0	11	10	13	4	9	8	0	6	1	13	17	1	3	2	0	0	2	0	26	0	8	0
September	7.7	E.	34	NW.	0	6	9	22	14	1	2	0	4	2	13	15	2	5	2	0	0	1	0	9	0	3	0
October	7.4	NE.	38	NW.	0	3	19	16	9	2	3	7	3	0	14	15	2	5	3	0	0	1	0	0	0	3	0
November	7.8	E.	32	NW.	0	5	7	18	4	7	4	3	12	0	9	17	4	7	7	0	1	1	0	0	2	5	0
December	10.6	E.	36	NW.	0	2	7	23	2	1	4	8	15	0	11	10	10	5	3	2	0	0	5	0	17	1	0
Year	8.9	E.	52	SW.	13	55	105	208	68	69	62	50	100	13	126	175	64	74	54	3	2	6	5	80	52	60	0

a By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

FORT WORTH, TEX.

[λ=32° 43′ N.; φ=97° 15′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.410	29.77	28.94	42.0	55.2	62.3	39.2	50.8	80	17	33	33	70	48	.208	.216	.08	.06	4.4	3.4	4.2
February	29.385	29.72	28.82	37.2	49.3	55.0	35.0	45.0	80	16	31	33	79	58	.182	.195	1.59	.46	4.6	5.4	5.5
March	29.223	29.85	28.68	46.2	63.1	70.0	43.4	56.7	90	24	34	31	62	34	.219	.190	1.57	.66	4.0	3.0	3.0
April	29.299	29.61	28.75	52.2	69.3	74.7	50.4	62.6	91	36	43	42	74	41	.299	.284	2.04	.82	4.7	3.9	4.3
May	29.151	29.58	28.88	62.8	77.2	82.4	60.6	71.5	95	47	56	57	81	53	.480	.490	4.50	1.46	5.1	5.3	4.6
June	29.199	29.37	28.99	73.1	87.9	92.8	71.2	82.0	101	58	66	63	78	45	.636	.578	.33	.27	3.4	2.3	2.9
July	29.232	29.36	29.03	76.8	90.2	96.6	73.9	85.2	105	63	68	63	75	43	.678	.583	1.99	1.06	2.9	3.9	4.2
August	29.217	29.39	29.01	75.3	91.1	97.2	73.8	85.5	108	67	66	63	74	42	.645	.582	1.29	.77	2.8	3.7	4.0
September	29.251	29.54	28.98	68.0	81.8	88.0	66.7	77.4	99	50	61	59	79	49	.574	.533	1.67	1.32	3.8	4.0	4.6
October	29.396	29.67	29.13	60.4	75.3	81.4	59.3	70.4	90	44	53	55	78	51	.419	.448	1.90	1.08	4.0	2.3	3.5
November	29.446	29.78	29.09	48.8	60.5	67.5	47.1	57.3	79	34	42	45	79	59	.290	.323	2.10	1.34	3.9	2.5	3.6
December	29.357	30.01	28.90	36.9	49.4	58.5	34.5	46.5	82	9	29	33	73	54	.176	.206	.59	.50	4.2	1.9	3.8
Year	29.297	30.01	28.68	56.6	70.9	77.2	54.6	65.9	108	9	48	48	75	48	.400	.386	19.65	1.46	4.0	3.5	4.0

FRESNO, CAL.

[λ=36° 43′ N.; φ=119° 49′ W.]

January	29.742	30.06	29.42	42.9	52.3	54.5	41.0	47.8	67	28	40	43	90	73	.255	.289	2.16	.61	4.2	5.5	7.2
February	29.693	30.00	29.32	46.1	57.0	59.3	44.1	51.7	75	33	44	46	92	68	.298	.324	2.35	.72	4.6	6.1	6.1
March	29.719	29.96	29.48	46.0	65.3	66.7	44.5	55.6	76	35	43	45	90	48	.283	.306	.34	.34	2.0	2.9	2.7
April	29.644	29.86	29.43	45.9	70.8	72.7	44.2	58.4	84	34	38	36	75	30	.232	.215	.55	.44	1.7	3.4	2.8
May	29.554	29.73	29.31	53.1	77.6	78.9	52.5	65.7	93	44	47	42	79	30	.320	.271	.50	.26	3.2	2.7	2.9
June	29.491	29.66	29.15	58.8	90.2	90.8	57.8	74.3	109	48	40	34	52	15	.252	.202	T.	T.	1.2	2.0	1.5
July	29.443	29.60	29.20	65.1	98.7	99.7	64.2	82.0	108	50	43	35	46	11	.278	.204	T.	T.	1.2	0.9	0.9
August	29.499	29.70	29.33	67.2	98.2	98.8	65.9	82.4	110	53	47	40	51	14	.326	.253	T.	T.	1.8	1.7	1.7
September	29.496	29.76	29.25	57.1	84.9	86.1	55.1	70.6	100	46	45	40	66	24	.305	.258	.59	.49	0.7	1.3	0.9
October	29.637	29.86	29.48	56.2	78.3	80.5	53.7	67.1	94	41	48	47	74	36	.335	.321	.56	.27	2.1	3.3	3.3
November	29.741	29.89	29.48	49.1	66.4	69.3	47.8	58.6	81	41	45	50	86	57	.297	.368	.86	.58	1.7	4.3	4.3
December	29.828	30.06	29.58	38.4	54.9	58.2	36.5	47.4	66	27	36	41	90	61	.215	.265	.16	.10	1.0	3.0	3.8
Year	29.624	30.06	29.15	52.2	74.6	76.3	50.6	63.5	110	27	43	42	74	39	.283	.273	8.07	.72	2.1	3.1	3.2

GALVESTON, TEX.

[λ=29° 18′ N.; φ=94° 50′ W.]

January	30.071	30.48	29.63	54.9	57.9	61.9	52.3	57.1	72	40	52	53	89	85	.402	.422	1.39	.63	5.7	4.1	5.8
February	29.997	30.31	29.55	52.4	56.2	60.2	49.1	54.6	73	34	49	51	90	84	.368	.386	2.24	1.52	5.9	6.7	6.8
March	29.901	30.51	29.42	58.2	63.0	66.6	56.3	61.4	77	39	53	58	84	84	.424	.493	1.96	.94	3.8	4.3	5.0
April	29.956	30.28	29.56	63.3	66.7	70.9	61.6	66.2	85	44	57	58	82	75	.490	.492	2.86	2.78	4.6	4.8	4.5
May	29.814	30.09	29.57	71.6	74.4	79.0	70.3	74.6	85	62	66	66	83	76	.652	.652	.46	.39	5.6	3.9	4.7
June	29.869	29.98	29.69	78.9	81.9	86.0	77.4	81.7	95	66	73	73	82	75	.807	.813	.85	.64	4.6	2.9	3.8
July	29.882	30.06	29.75	80.8	83.9	88.2	78.2	83.2	98	67	74	75	82	74	.851	.857	6.11	3.42	5.1	5.2	5.0
August	29.842	29.97	29.62	81.0	84.1	89.0	78.8	83.9	95	70	75	75	84	75	.879	.871	6.58	3.87	5.1	4.7	4.5
September	29.870	30.09	29.69	75.3	78.9	82.0	73.5	77.8	88	58	70	73	85	82	.756	.810	7.84	3.25	5.7	4.3	4.9
October	30.042	30.23	29.74	69.6	73.1	76.8	68.6	72.7	86	59	63	62	81	70	.585	.574	15.00	14.10	3.7	2.3	2.9
November	30.098	30.35	29.83	61.3	65.2	68.5	58.9	63.7	77	46	56	57	82	75	.474	.478	2.06	.84	4.0	3.2	5.1
December	30.011	30.59	29.49	51.0	55.1	59.7	46.7	53.2	72	25	46	51	85	86	.350	.393	3.98	2.81	4.8	3.6	5.2
Year	29.946	30.59	29.42	66.5	70.0	74.1	64.3	69.2	98	25	61	63	84	78	.586	.603	51.33	14.10	4.9	4.2	4.8

GRAND HAVEN, MICH.

[λ=43° 05′ N.; φ=86° 13′ W.]

January	29.295	29.96	28.70	24.7	26.2	31.8	19.1	25.4	46	2	21	22	86	83	.119	.119	1.96	.54	9.4	7.1	8.5
February	29.322	29.81	28.84	16.8	19.4	28.7	13.2	18.4	31	− 4	14	16	87	83	.079	.085	1.90	.58	8.5	7.4	7.2
March	29.126	29.54	28.65	30.0	31.7	37.1	25.2	31.2	59	4	26	28	86	85	.146	.159	3.71	.87	7.4	7.2	7.8
April	29.409	29.81	28.77	42.5	48.0	54.6	37.0	45.8	74	26	34	35	78	62	.205	.208	.65	.25	5.5	4.8	5.4
May	29.201	29.59	28.89	51.8	55.6	63.1	46.0	54.6	81	34	45	46	78	72	.302	.320	1.62	.57	5.9	6.2	6.4
June	29.262	29.51	29.02	62.9	68.2	74.5	57.2	65.8	92	39	56	59	80	73	.472	.518	2.16	.66	4.9	5.0	4.2
July	29.277	29.53	29.04	71.3	77.0	82.6	65.5	74.0	94	52	68	68	76	64	.594	.587	3.90	1.75	3.7	5.1	3.8
August	29.338	29.54	29.11	64.7	70.6	76.3	59.1	67.7	87	51	59	60	82	70	.509	.527	.42	.16	5.1	4.8	5.1
September	29.350	29.64	28.87	57.1	61.8	68.6	53.5	61.0	85	40	52	54	83	76	.394	.423	2.98	1.11	3.9	4.7	4.5
October	29.395	29.74	28.84	48.4	53.5	58.6	43.2	50.9	71	30	43	45	82	73	.289	.305	2.33	.69	6.0	4.3	4.9
November	29.402	29.84	28.87	34.3	37.7	43.1	30.6	36.8	62	25	29	31	82	77	.163	.178	1.75	.54	7.8	7.6	7.7
December	29.309	29.68	28.79	25.3	26.0	31.3	19.6	25.4	50	− 5	22	22	88	82	.129	.124	3.07	1.10	9.1	7.4	8.6
Year	29.307	29.96	28.65	44.2	48.0	53.8	39.1	46.4	94	− 5	39	40	82	75	.288	.296	26.45	1.75	6.4	6.0	6.1

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

FORT WORTH, TEX.

[H=670 ft.; h_1=106 ft.; h_r=3 ft.; h_a=114

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	12.0	SW.	36	N.	0	15	3	2	4	18	9	3	8	0	13	11	7	2	1	0	0	1	0	0	9	0	0
February	11.0	N.	36	W.	0	13	9	5	5	3	9	4	8	0	11	7	10	10	8	3	0	2	0	0	11	1	0
March	15.7	SW.	48	SW.	4	9	3	0	3	16	11	5	15	0	17	12	2	7	6	0	0	2	0	0	1	2	5	0
April	12.7	S.	48	NW.	1	6	4	8	14	11	5	3	9	0	16	7	7	5	5	0	0	0	0	0	1	0	4	0
May	11.3	S.	56	W.	2	6	7	5	7	18	8	3	8	0	11	14	6	11	8	0	1	0	0	0	1	0	11	0
June	12.6	S.	34	SW.	0	1	1	2	27	19	9	0	1	0	17	11	2	2	2	0	0	0	0	23	0	4	0	0
July	10.2	S.	46	W.	1	1	3	8	16	26	8	0	0	0	9	20	2	5	3	0	0	0	0	31	0	10	0	0
August	8.3	E.	36	SE.	0	7	9	15	13	10	2	2	3	1	14	13	4	5	4	0	0	0	0	27	0	3	0	0
September	9.7	SE.	34	SW.	0	3	7	12	24	12	2	0	0	0	10	17	3	3	3	0	0	1	0	13	0	5	0	0
October	10.0	S.	36	N.	0	1	6	4	18	17	5	5	6	0	13	17	1	3	3	0	0	0	0	0	0	2	0	0
November	11.2	S.	36	S.	0	9	6	5	9	14	8	4	5	0	17	7	6	3	3	0	0	2	0	0	0	1	0	0
December	13.4	NW.	38	S.	0	5	5	2	10	9	8	3	20	0	15	10	6	4	2	2	0	1	2	0	9	2	0	0
Year	11.5	S.	58	W.	8	76	63	68	150	173	84	32	83	1	163	146	56	60	48	5	3	7	2	97	31	48	0	

FRESNO, CAL.

[H=330 ft.; h_1=67 ft.; h_r=54 ft.; h_a=70 ft.]

January	4.5	NW.	20	W.	0	5	4	12	11	3	0	8	19	0	5	8	18	9	9	0	0	10	0	0	4	0	0
February	4.0	SE.	20	SE.	0	2	2	10	12	5	2	9	13	1	7	9	12	12	11	0	0	3	0	0	0	0	0
March	4.8	NW.	28	NW.	0	3	0	4	3	3	0	10	38	1	22	7	2	1	1	0	0	6	0	0	0	0	0
April	6.5	NW.	24	SW.	0	3	0	3	2	1	0	3	48	0	21	7	2	4	4	0	0	0	0	0	0	0	0
May	7.7	NW.	24	W.	0	2	2	3	0	0	1	0	54	0	21	4	6	3	3	0	0	0	0	2	0	1	0
June	8.0	NW.	24	NW.	0	0	0	2	0	0	0	2	56	0	23	7	0	0	0	0	0	0	0	16	0	0	0
July	6.6	NW.	24	NW.	0	2	0	1	1	0	3	4	51	0	29	1	1	0	0	0	0	0	0	29	0	0	0
August	6.2	NW.	17	NW.	0	0	1	0	0	0	1	8	51	1	26	4	1	0	0	0	0	0	0	28	0	0	0
September	5.6	NW.	26	NW.	0	0	2	4	1	2	0	8	43	0	27	1	2	3	2	0	0	0	0	11	0	0	0
October	4.2	NW.	17	N.	0	3	3	8	1	8	6	5	28	0	17	10	4	5	3	0	0	0	0	4	0	0	0
November	3.2	NW.	17	SE.	0	7	9	11	4	1	5	1	22	0	14	11	5	5	2	0	0	2	0	0	0	0	0
December	3.5	NW.	22	NW.	0	3	6	8	4	4	2	17	17	1	15	8	8	2	2	0	0	10	0	0	9	0	0
Year	5.4	NW.	28	NW.	0	30	29	66	39	27	20	75	440	4	227	77	61	44	37	0	0	31	0	90	13	1	0

GALVESTON, TEX.

[H=54 ft.; H_1=69 ft.; h_1=106 ft.; h_r=98 ft.; h_a=112 ft.]

January	12.1	SE.	33	NW.	0	12	3	5	26	4	3	1	8	0	9	12	10	8	5	0	0	1	0	0	0	0	0
February	13.7	SE.	40	N.	2	15	6	8	14	4	0	1	8	0	5	9	14	9	5	0	0	3	0	0	0	1	0
March	14.4	SE.	48	N.	2	5	5	2	21	14	4	2	9	0	14	6	11	6	4	0	0	2	0	0	0	1	0
April	18.3	SE.	44	NW.	2	1	5	11	18	3	7	2	11	2	15	6	9	4	2	0	0	1	0	0	0	2	0
May	11.9	SE.	38	N.	0	5	0	0	29	17	5	2	4	0	13	10	8	4	2	0	0	0	0	0	0	2	0
June	10.7	SE.	42	SE.	1	4	1	1	36	13	2	1	2	0	17	10	3	4	3	0	0	0	0	0	0	3	0
July	10.0	SE.	40	E.	1	0	5	2	30	10	8	2	5	0	7	20	4	8	8	0	0	0	0	4	0	8	0
August	8.8	S.	27	SW.	0	4	4	1	15	23	6	6	3	0	15	10	6	10	6	0	0	0	0	10	0	9	0
September	11.5	E.	30	SE.	0	6	15	17	11	8	0	1	2	0	12	8	10	10	9	0	0	0	0	0	0	2	0
October	11.1	E.	42	E.	1	8	10	25	14	0	0	0	5	0	22	6	3	4	4	0	0	1	0	0	0	1	0
November	12.0	SE.	38	N.	0	8	13	6	16	12	0	1	4	0	11	10	9	5	5	0	0	1	0	0	0	3	0
December	13.3	NW.	42	NW.	3	8	6	5	13	10	0	3	17	0	9	12	10	10	5	0	1	3	0	0	2	3	0
Year	11.9	SE.	48	N.	12	76	73	83	243	118	35	22	78	2	149	119	97	82	58	0	1	12	0	17	2	35	0

GRAND HAVEN, MICH.

[H=632 ft.; h_1=54 ft.; h_r=48 ft.; h_a=92 ft.]

January	14.5	NW.	47	NW.	2	12	6	5	6	7	6	6	14	0	2	4	25	19	12	16	0	0	14	0	30	0	0
February	13.6	NW.	35	W.	0	4	7	4	5	5	3	9	19	0	5	6	17	17	12	17	0	0	28	0	28	0	0
March	14.7	SW.	49	SW.	1	6	6	11	6	4	8	10	11	0	5	8	18	16	11	9	0	1	6	0	27	1	0
April	11.0	NW.	33	NW.	0	15	10	7	7	2	2	5	9	3	12	6	12	7	6	1	0	0	0	0	7	0	0
May	9.6	NE.	33	SW.	0	8	12	6	6	5	3	7	12	3	7	8	16	11	8	0	0	4	0	0	0	5	0
June	9.7	S.	36	S.	0	2	1	6	10	13	11	13	3	1	12	14	4	12	10	0	0	2	0	0	1	8	0
July	10.6	S.	38	S.	0	2	6	8	7	13	9	5	11	1	15	12	4	11	8	0	0	1	0	0	2	9	0
August	8.3	NW.	27	S.	0	8	8	11	2	7	5	6	12	3	13	8	10	9	5	0	0	1	0	0	0	4	0
September	11.1	SW.	37	SW.	0	5	6	5	12	8	10	7	7	0	13	9	8	12	8	0	0	1	0	0	0	2	0
October	12.5	S.	36	SW.	0	6	6	1	6	12	16	3	12	0	11	11	9	10	8	0	0	1	0	0	3	1	0
November	13.4	NW.	38	SW.	0	5	4	2	14	1	7	7	19	1	4	6	20	14	11	6	0	2	1	0	20	1	0
December	11.2	SE.	37	W.	0	7	3	5	12	5	10	7	9	4	1	7	23	16	14	13	0	0	11	0	28	0	0
Year	11.7	NW.	49	SW.	3	80	75	71	93	82	90	85	138	16	100	99	166	154	113	62	2	11	60	3	143	31	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

GRAND JUNCTION, COLO.

[λ=39° 09′ N.; φ=108° 33′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	25.473	25.88	25.08	19.0	31.9	40.2	16.5	28.4	54	0	12	16	71	51	.078	.094	.45	.36	3.5	4.3	4.2
February	25.353	25.75	24.84	27.9	40.5	46.8	26.2	36.5	64	14	22	26	76	56	.117	.139	.25	.13	4.6	6.4	6.0
March	25.319	25.78	24.91	30.7	47.9	54.0	28.6	41.3	70	22	19	18	60	34	.102	.102	.98	.35	3.8	4.8	4.7
April	25.303	25.52	24.97	41.5	58.5	65.1	38.7	51.9	82	16	26	28	57	35	.144	.153	1.65	.63	3.5	5.8	5.0
May	25.258	25.52	24.89	53.5	71.2	78.8	50.9	64.8	91	37	38	40	59	35	.236	.257	1.29	.84	3.7	6.7	5.1
June	25.253	25.50	25.03	59.6	81.4	86.0	55.5	70.8	102	46	33	26	40	18	.191	.149	.50	.41	3.2	4.1	3.4
July	25.328	25.56	25.17	68.8	92.6	97.9	66.0	82.0	103	54	42	40	38	18	.276	.270	.13	.06	1.8	3.5	2.4
August	25.430	25.62	25.25	65.3	82.9	89.8	63.1	76.4	100	56	50	48	61	35	.377	.353	2.36	.45	4.8	5.8	4.4
September	25.301	25.51	24.98	54.0	77.5	82.6	51.4	67.0	91	38	29	27	37	16	.162	.149	T.	T.	1.5	2.1	1.4
October	25.459	25.70	25.15	45.4	62.1	70.2	43.4	56.8	85	34	32	36	62	40	.186	.217	.35	.33	3.5	4.1	4.0
November	25.515	25.80	25.10	30.6	48.5	57.5	28.2	42.8	67	19	19	22	60	34	.102	.115	.02	.01	1.7	3.9	3.5
December	25.462	25.89	24.94	21.5	33.8	42.2	17.9	30.0	66	0	15	18	73	51	.085	.095	.21	.19	3.0	4.0	4.3
Year	25.371	25.89	24.84	43.2	60.7	67.6	40.5	54.1	103	0	28	29	58	35	.171	.174	8.19	.84	3.2	4.6	4.0

GREEN BAY, WIS.

[λ=44° 31′ N.; φ=88° 0′ W.]

January	29.330	30.00	28.60	16.0	20.6	26.3	11.1	18.7	43	— 7	10	14	76	74	.075	.085	.90	.46	7.2	5.2	7.2
February	29.366	29.89	28.90	6.7	16.7	21.7	4.4	13.0	31	— 6	1	10	78	71	.043	.064	.49	.23	5.9	4.5	5.5
March	29.179	29.57	28.65	23.9	28.9	33.8	20.0	26.9	46	— 4	18	22	75	71	.101	.117	2.75	.92	7.7	6.2	7.5
April	29.479	29.89	28.86	40.7	47.0	55.4	36.0	45.7	84	26	31	33	69	59	.180	.192	.51	.30	5.8	6.1	5.9
May	29.257	29.78	28.85	50.9	57.1	64.0	45.6	54.8	80	36	43	44	76	65	.287	.300	2.71	.92	6.5	6.5	6.8
June	29.253	29.54	28.90	62.8	69.9	77.1	56.0	66.6	96	39	56	57	80	65	.471	.487	3.80	1.40	6.1	6.3	6.7
July	29.290	29.55	29.03	69.5	75.9	83.5	63.9	73.7	99	50	61	63	76	65	.552	.587	4.11	1.90	4.2	6.1	6.1
August	29.362	29.58	29.02	63.4	73.2	79.9	59.1	69.5	90	49	58	58	83	61	.487	.495	1.58	.44	5.7	5.0	6.0
September	29.357	29.70	28.80	54.7	61.8	69.4	50.9	60.2	91	35	48	51	80	69	.347	.378	4.15	1.52	6.3	6.3	6.7
October	29.393	29.75	28.96	44.7	51.2	59.5	40.4	50.0	78	29	40	40	82	68	.257	.262	3.60	1.12	6.0	4.1	6.4
November	29.430	29.87	28.86	29.9	34.4	40.3	26.0	33.2	63	13	24	25	77	67	.130	.136	.80	.30	7.1	6.2	7.9
December	29.343	29.76	28.74	17.3	21.3	26.2	13.1	19.6	38	—20	13	16	80	76	.088	.098	1.06	.78	7.3	5.7	7.3
Year	29.337	30.00	28.60	40.0	46.5	53.1	35.5	44.3	99	—20	34	36	77	68	.252	.267	26.46	1.90	6.3	5.7	6.7

HANNIBAL, MO.[a]

[λ=39° 41′ N.; φ=91° 20′ W.]

January	29.508	30.05	29.14	27.8	.....	41.1	25.0	33.0	65	0	22	....	78	....	.123	.....	1.85	1.57	4.7	.....	4.2
February	29.538	30.06	29.00	19.9	.....	31.8	17.0	24.4	49	— 3	15	....	82	....	.094	.....	1.32	.66	4.6	.....	4.4
March	29.246	29.77	28.48	36.8	.....	49.2	32.4	40.8	72	12	29	....	73	....	.166	.....	2.78	1.62	6.4	.....	6.5
April	29.504	29.88	28.74	46.0	.....	61.9	42.6	52.2	88	29	38	....	73	....	.231	.....	1.55	.87	5.2	.....	4.8
May	29.307	29.76	29.07	58.3	.....	73.8	52.8	63.3	87	38	48	....	70	....	.344	.....	1.65	1.08	3.8	.....	4.1
June	29.350	29.58	29.19	71.7	.....	88.4	66.1	77.2	100	48	62	....	72	....	.565	.....	2.48	.80	4.1	.....	4.1
July	29.386	29.56	29.21	78.0	.....	97.1	72.5	84.8	108	59	62	....	60	....	.575	.....	1.95	1.04	2.5	.....	3.1
August	29.412	29.63	29.27	69.9	.....	89.3	66.0	77.6	98	57	60	....	72	....	.524	.....	.89	.75	2.7	.....	3.1
September	29.452	29.72	29.10	60.4	.....	79.9	57.6	68.8	93	36	54	....	79	....	.426	.....	1.83	1.61	3.5	.....	3.8
October	29.560	29.86	29.17	50.1	.....	70.8	47.1	58.7	87	30	42	....	75	....	.277	.....	.86	.28	4.6	.....	3.9
November	29.599	30.02	29.23	32.0	.....	52.3	28.5	40.4	75	9	27	....	83	....	.158	.....	.74	.52	4.2	.....	3.9
December	29.481	30.01	28.96	22.6	.....	34.1	19.2	26.6	61	—18	20	....	88	....	.125	.....	1.82	.69	6.6	.....	6.6
Year	29.444	30.06	28.48	47.8	.....	64.1	43.9	54.0	108	—18	40	....	75	....	.301	.....	19.72	1.62	4.4	.....	4.4

HARRISBURG, PA.[a]

[λ=40° 16′ N.; φ=76° 52′ W.]

January	29.621	30.29	28.86	25.5	.....	36.8	25.2	31.0	50	11	19	....	67	....	.106	.....	1.83	.68	7.2	.....	6.3
February	29.556	29.95	29.25	21.9	.....	31.4	19.2	25.3	43	11	11	....	61	....	.071	.....	.58	.38	6.0	.....	5.4
March	29.532	29.91	28.96	35.7	.....	47.8	32.1	40.0	71	7	26	....	66	....	.147	.....	3.60	1.43	7.1	.....	6.7
April	29.546	30.11	28.85	46.9	.....	57.0	43.2	50.1	86	33	34	....	62	....	.202	.....	2.88	1.17	6.6	.....	6.7
May	29.479	29.80	29.18	57.5	.....	68.8	52.9	60.8	85	44	47	....	70	....	.336	.....	5.96	1.81	7.0	.....	6.5
June	29.597	29.81	29.38	67.6	.....	81.0	61.5	71.2	97	48	58	....	72	....	.506	.....	1.13	.72	5.1	.....	5.1
July	29.563	29.80	29.43	75.3	.....	87.4	69.6	78.5	100	62	66	....	74	....	.649	.....	1.52	.43	6.0	.....	5.8
August	29.627	29.81	29.46	71.4	.....	82.3	67.2	74.8	90	59	64	....	78	....	.604	.....	2.99	1.72	6.7	.....	5.8
September	29.677	30.09	29.32	62.2	.....	75.6	57.1	66.4	87	43	55	....	78	....	.455	.....	2.16	.85	4.8	.....	4.3
October	29.766	30.22	29.38	49.4	.....	65.0	44.6	54.8	79	34	41	....	74	....	.272	.....	1.15	.81	4.0	.....	4.2
November	29.639	30.01	29.06	35.9	.....	44.6	32.4	38.5	64	22	26	....	66	....	.144	.....	1.29	.98	5.8	.....	6.1
December	29.665	30.12	29.10	27.8	.....	38.1	24.5	31.3	64	9	23	....	81	....	.135	.....	4.75	1.22	5.8	.....	6.3
Year	29.606	30.29	28.85	48.3	.....	59.6	44.1	51.9	100	7	39	....	71	....	.302	.....	29.81	1.81	6.0	.....	5.8

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

GRAND JUNCTION, COLO.

[H=4,608 ft.; h_t=43 ft.; h_r=36 ft.; h_a=51 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	4.1	NW.	20	S.	0	3	6	3	14	1	4	14	16	1	18	2	11	5	4	5	0	0	3	0	30	0	0
February	3.8	NW.	23	NW.	0	2	4	10	4	1	4	16	15	0	5	10	13	8	2	6	0	1	1	0	24	0	0
March	6.3	NW.	32	NW.	0	6	9	6	11	3	6	6	15	0	13	7	11	10	3	5	1	0	0	0	25	1	0
April	6.8	SE.	31	NW.	0	2	2	8	18	5	5	2	18	0	6	19	5	9	9	3	3	1	0	0	10	5	0
May	5.7	SE.	39	SW.	0	6	3	13	19	2	5	3	9	2	8	18	5	6	4	0	1	0	0	1	0	7	0
June	6.0	SE.	33	SW.	0	2	5	7	18	7	6	3	11	1	19	8	3	6	2	0	0	0	0	13	0	2	0
July	4.9	E.	29	SE.	0	2	3	12	19	0	5	6	14	1	22	9	0	3	2	0	0	0	0	31	0	11	0
August	5.0	E.	30	SW.	0	5	4	12	21	1	2	5	12	0	15	10	6	15	12	0	0	0	0	17	0	17	0
September	5.7	SE.	36	SW.	0	5	7	5	13	8	10	3	6	3	26	3	1	0	0	0	0	0	0	1	0	2	0
October	3.8	SE.	28	SW.	0	4	3	12	18	3	2	5	11	4	13	11	7	3	1	0	0	0	0	0	0	1	0
November	3.7	SE.	22	NW.	0	2	1	4	17	4	8	14	10	0	13	14	3	2	0	0	0	1	0	0	23	0	0
December	4.0	NW.	32	SW.	0	6	6	6	17	2	3	8	13	1	13	9	9	4	1	3	0	0	4	0	30	0	0
Year	5.0	SE.	39	SW.	0	45	53	98	189	37	60	85	150	13	171	120	74	71	40	22	5	3	8	63	142	46	0

GREEN BAY, WIS.

[H=617 ft.; h_t=49 ft.; h_r=41 ft.; h_a=57 ft.]

January	8.6	W.	35	SW.	0	6	2	0	5	16	12	18	3	0	6	8	17	10	5	9	0	0	22	0	31	0	0
February	8.1	SW.	32	N.	0	9	1	0	0	12	19	13	2	0	9	10	9	6	2	6	0	0	28	0	28	0	0
March	10.7	N.	43	SW.	1	23	9	1	4	8	4	10	3	0	5	9	17	15	12	10	0	1	9	0	29	1	0
April	7.1	N.	30	S.	0	32	4	7	4	6	0	3	4	0	10	7	13	5	4	1	0	0	0	0	14	1	0
May	8.5	N.	36	N.	0	25	10	2	10	2	4	2	7	0	6	7	18	12	11	0	0	0	0	0	0	3	0
June	7.1	SW.	41	SW.	1	7	3	7	13	5	14	6	5	0	2	16	12	12	9	0	0	1	0	3	0	11	0
July	7.1	N.	30	SW.	0	13	7	4	10	9	11	4	4	0	8	14	9	13	11	0	0	1	0	7	0	9	0
August	6.3	SE.	24	SW.	0	8	11	2	14	4	10	6	7	0	8	14	9	7	5	0	0	1	0	0	0	6	0
September	8.3	S.	34	SW.	0	9	7	3	7	15	13	1	5	0	7	6	17	14	10	0	1	2	0	1	0	3	0
October	8.4	SW.	30	NW.	0	10	2	4	5	10	21	9	1	0	6	16	9	8	7	0	0	2	0	0	7	2	0
November	8.8	N.	29	N.	0	17	1	0	7	8	12	5	10	0	4	7	19	8	4	3	0	0	5	0	25	0	0
December	7.2	SW.	28	N.	0	8	3	1	4	9	16	12	8	1	6	6	19	13	6	12	0	1	15	0	30	0	0
Year	8.0	N.	43	SW.	2	167	60	31	83	104	136	89	59	1	77	120	168	123	86	41	1	9	79	11	164	36	0

HANNIBAL, MO.

[H=534 ft.; h_t=75 ft.; h_r=68 ft.; h_a=110 ft.]

January	10.0	SW.	33	S.	0	1	3	1	2	4	10	4	6	0	14	8	9	4	4	2	0	0	4	0	25	1	0
February	9.3	NW.	29	N.	0	3	1	3	2	1	6	3	9	0	15	5	8	10	5	9	0	0	12	0	28	0	0
March	13.1	SW.	49	W.	2	3	2	2	2	3	7	6	6	0	7	9	15	11	7	4	0	0	2	0	13	2	0
April	9.1	NW.	33	NW.	0	5	4	7	5	0	1	0	8	0	11	10	9	9	7	1	0	0	0	0	3	1	0
May	9.3	E.	30	SW.	0	5	4	7	1	0	6	2	6	0	17	7	7	8	6	0	1	0	0	0	2	2	0
June	8.4	SW.	52	S.	2	3	2	6	3	5	10	0	1	0	14	14	2	11	8	0	1	0	0	14	0	9	0
July	8.1	SW.	36	SW.	0	1	1	7	1	4	15	1	1	0	19	10	2	7	6	0	0	0	0	26	0	19	0
August	6.7	NE.	33	NE.	0	8	8	5	2	2	2	2	2	0	19	11	1	2	2	0	0	0	0	13	0	3	0
September	7.9	S.	32	W.	0	2	3	7	3	7	3	2	3	0	15	11	4	5	3	0	0	2	0	3	0	2	0
October	8.4	SW.	30	S.	0	5	2	4	2	2	13	2	1	0	14	12	5	8	7	0	0	1	0	0	1	1	0
November	9.0	W.	48	S.	1	5	1	5	0	3	4	6	5	1	13	12	5	5	3	1	0	2	0	0	18	0	0
December	8.4	SW.	32	S.	0	4	2	2	3	5	7	1	7	0	7	9	15	11	8	7	0	2	9	0	25	0	0
Year	9.0	SW.	52	S.	5	45	33	56	26	36	84	29	55	1	165	118	82	91	66	24	2	7	27	56	113	31	0

HARRISBURG, PA.

[H=374 ft.; H_1=359 ft.; h_t=94 ft.; h_r=87 ft.; h_a=104 ft.]

January	8.5	NW.	38	NW.	0	4	1	7	1	2	2	4	10	0	9	8	14	7	6	4	0	0	8	0	25	0	0
February	12.1	NW.	39	NW.	0	1	0	3	0	1	4	8	11	0	8	10	10	4	4	4	0	0	15	0	28	0	0
March	9.7	NW.	36	NW.	0	2	1	8	0	1	7	7	5	0	6	11	14	13	11	3	0	0	1	0	11	1	0
April	9.8	NW.	30	NW.	0	8	4	5	3	0	0	2	8	0	9	3	18	10	6	2	0	0	0	0	0	0	0
May	6.8	E.	38	NW.	0	1	2	12	3	3	0	7	3	0	8	7	16	16	15	0	1	0	0	0	5	0	0
June	5.6	W.	26	NW.	0	1	3	6	0	2	3	8	7	0	11	11	8	8	6	0	0	1	0	0	0	5	0
July	6.1	W.	29	NW.	0	2	4	2	2	1	1	12	7	0	7	13	11	12	11	0	0	0	0	12	0	10	0
August	5.1	S.	24	SW.	0	4	5	6	4	5	2	3	2	0	9	10	12	8	8	0	0	0	0	1	0	4	0
September	4.9	NW.	24	SW.	0	3	5	6	2	2	3	3	6	0	16	5	9	10	8	0	0	2	0	0	0	4	0
October	5.8	NW.	30	NW.	0	2	3	4	5	1	4	6	6	0	12	14	6	4	3	0	0	2	0	0	0	1	0
November	9.7	NW.	39	NE.	0	2	2	4	0	0	3	8	11	0	7	9	14	6	4	1	0	1	1	0	14	0	0
December	7.9	NW.	40	W.	1	4	2	4	5	1	4	2	9	0	7	9	15	12	11	5	0	1	12	0	24	0	0
Year	7.7	NW.	40	W.	1	34	32	67	25	19	33	70	85	0	109	110	146	110	93	19	1	7	37	18	102	30	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

HATTERAS, N. C.

[λ=35° 15′ N.; φ=75° 40′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.	
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	30.032	30.77	29.28	43.8	45.6	50.4	40.5	45.4	68	29	38	40	81	82	.246	.262	2.90	.90	5.2	4.5	5.2
February	29.973	30.36	29.60	37.5	40.6	44.9	34.1	39.5	63	22	31	34	76	78	.183	.199	2.35	.85	3.3	2.6	3.6
March	29.981	30.50	29.45	51.2	54.7	59.1	47.6	53.4	71	26	45	49	79	81	.318	.359	3.81	1.39	4.3	3.8	4.4
April	29.921	30.31	29.43	50.8	53.6	56.8	48.1	52.4	64	42	44	47	79	79	.297	.328	4.16	1.67	5.1	4.5	5.7
May	29.840	30.15	29.50	64.9	68.5	71.3	59.5	65.4	79	49	61	60	88	89	.549	.551	3.99	1.49	5.5	4.5	5.2
June	30.009	30.22	29.77	74.3	73.2	79.1	69.7	74.4	86	64	68	68	82	85	.701	.696	4.84	2.51	3.6	4.2	3.5
July	29.982	30.16	29.43	78.6	78.1	83.0	74.8	78.9	87	68	74	74	86	88	.838	.844	8.17	4.17	4.0	3.7	3.9
August	30.039	30.16	29.89	78.9	78.1	83.7	75.3	79.5	86	70	73	73	83	84	.818	.806	8.87	.97	4.0	3.0	3.9
September	30.030	30.24	29.81	74.6	74.5	79.1	71.8	75.4	86	64	69	69	84	84	.724	.722	6.56	2.41	4.7	3.5	4.8
October	30.140	30.44	29.67	64.1	64.5	69.6	61.0	65.3	78	51	58	60	83	84	.508	.525	.81	.48	2.6	1.5	2.5
November	30.076	30.50	29.59	48.3	50.3	53.7	46.3	50.0	72	32	43	45	83	82	.294	.306	2.17	1.03	1.9	3.4	2.8
December	30.080	30.42	29.53	45.0	46.6	52.2	40 4	46.3	68	22	42	43	89	88	.294	.297	6.48	2.24	4.5	3.7	4.8
Year	30.009	30.77	29.28	59.3	60.3	65.2	55.8	60.5	87	22	54	55	83	84	.481	.490	50.11	4.17	4.1	3.6	4.2

HAVANA, CUBA.

[λ=23° 09′ N.; φ=82° 21′ W.]

January	30.006	30.36	29.84	66.6	70.3	76.2	64.0	70.1	85	50	60	62	80	74	.528	.556	8.44	5.64	5.1	3.3	4.5
February	29.970	30.13	29.68	66.6	71.1	78.2	64.6	71.4	87	56	61	63	82	76	.543	.586	1.52	.83	5.0	4.5	4.1
March	29.984	30.27	29.75	68.8	72.6	79.3	65.3	72.3	87	55	62	63	79	71	.567	.563	.52	.45	4.4	2.3	3.9
April	29.935	30.11	29.79	70.3	73.4	78.5	66.0	72.2	88	56	62	62	76	68	.564	.560	.55	.46	4.3	1.7	2.9
May	29.847	30.00	29.62	74.2	76.9	83.4	68.7	76.0	90	59	68	69	82	78	.696	.722	10.10	6.66	1.8	3.0	3.5
June	29.877	29.99	29.76	78.9	79.8	86.0	74.1	80.0	94	71	74	74	84	84	.831	.849	6.55	2.34	4.9	5.5	5.7
July	29.890	30.02	29.76	79.1	79.0	86.8	74.0	80.4	89	70	74	76	85	89	.841	.881	9.09	3.42	3.5	5.5	5.5
August	29.901	29.99	29.80	78.9	80.2	87.7	74.3	81.0	92	69	74	76	85	86	.837	.886	6.63	2.17	4.5	6.7	5.9
September	29.839	29.97	29.69	78.1	79.3	86.6	74.2	80.4	91	72	75	76	90	90	.865	.901	4.98	1.35	4.8	6.8	6.4
October	29.874	30.03	29.64	77.6	79.0	83.2	74.0	78.8	88	70	73	74	87	84	.822	.830	5.45	1.17	5.4	3.4	5.6
November	29.995	30.14	29.87	69.5	72.1	77.1	66.0	71.6	82	58	65	68	86	86	.621	.678	.95	.46	4.8	3.0	4.2
December	29.975	30.19	29.74	66.8	70.5	76.5	63.7	70.1	85	56	64	66	91	87	.603	.650	1.13	.99	5.2	4.3	5.4
Year	29.924	30.36	29.62	73.0	75.4	81.6	69.1	75.3	94	50	68	69	84	81	.693	.724	55.91	6.66	4.5	4.2	4.8

HAVRE, MONT.

[λ=48° 34′ N.; φ=109° 40′ W.]

January	27.302	27.77	26.67	15.8	19.4	26.8	8.2	17.5	50	—25	11	15	82	82	.091	.106	.56	.17	4.2	6.3	5.5
February	27.437	27.95	26.67	9.6	18.4	24.7	4.3	14.5	55	—15	7	15	89	87	.068	.096	.46	.18	5.1	6.0	4.6
March	27.279	27.96	26.83	28.6	40.9	45.9	24.5	35.2	63	— 2	24	30	82	68	.131	.171	.10	.04	6.1	5.8	5.0
April	27.314	27.72	26.79	33.8	54.1	57.1	31.4	44.2	81	18	28	34	78	49	.153	.200	1.66	1.27	4.9	4.7	4.4
May	27.279	27.79	26.97	49.5	67.5	70.7	46.9	58.8	91	32	44	47	84	52	.301	.333	3.50	1.03	5.4	5.4	5.3
June	27.264	27.52	26.88	48.2	63.0	66.5	45.5	56.0	81	31	43	45	83	54	.283	.299	2.75	1.44	3.8	5.8	5.4
July	27.286	27.44	27.11	58.5	82.1	85.2	56.6	70.9	97	42	52	53	81	38	.401	.411	1.74	.58	1.8	2.7	2.5
August	27.378	27.62	27.13	55.6	81.4	84.1	54.4	69.2	96	41	48	51	77	37	.337	.384	.60	.50	3.6	2.9	3.0
September	27.324	27.74	26.78	43.4	56.1	59.9	41.1	50.5	89	28	39	43	87	64	.250	.279	2.04	.41	7.4	7.1	6.3
October	27.378	27.71	26.77	39.5	57.0	65.1	35.9	50.5	77	25	34	42	81	59	.196	.272	.16	.10	2.5	3.7	3.1
November	27.345	27.76	26.90	27.6	36.7	45.9	22.9	34.4	65	3	23	30	84	78	.128	.166	.84	.42	5.1	5.7	5.0
December	27.327	27.88	26.84	25.2	29.0	36.5	19.8	28.2	54	—13	20	22	82	77	.116	.123	.62	.38	5.0	5.1	5.5
Year	27.326	27.96	26.67	36.3	50.5	55.7	32.6	44.2	97	—25	31	36	82	62	.204	.237	15.03	1.44	4.6	5.1	4.6

HELENA, MONT.

[λ=46° 34′ N.; φ=112° 04′ W.]

January	25.767	26.17	25.27	20.3	25.7	31.0	15.8	23.4	52	—12	15	15	77	62	.096	.093	.56	.19	5.6	7.3	6.7
February	25.835	26.12	25.38	17.7	24.9	29.4	14.3	21.8	54	— 7	11	15	73	64	.079	.092	.44	.20	5.8	5.5	5.8
March	25.746	26.26	25.30	30.3	38.0	43.3	27.4	35.4	61	1	21	21	68	50	.116	.113	1.05	.58	7.4	5.9	6.9
April	25.757	26.05	25.29	34.1	50.4	53.7	32.3	43.0	74	18	24	25	66	40	.128	.134	1.58	1.01	5.8	6.1	6.1
May	25.757	26.10	25.48	47.4	62.0	66.8	45.4	56.1	86	30	39	40	74	48	.247	.251	4.11	.92	6.9	7.4	7.0
June	25.751	25.94	25.51	46.6	59.4	62.9	46.0	54.0	77	34	37	35	71	48	.225	.210	1.83	.81	6.0	6.7	6.8
July	25.765	25.93	25.58	58.9	81.2	84.2	57.5	70.8	97	40	42	41	56	26	.273	.265	.40	.29	1.3	3.5	2.8
August	25.866	26.02	25.68	58.1	78.9	81.1	56.4	68.8	92	49	42	38	58	26	.282	.236	.17	.15	4.3	4.5	4.8
September	25.785	26.14	25.29	44.0	54.2	57.9	41.4	49.6	85	32	36	36	74	54	.213	.219	2.68	1.59	6.8	7.2	7.8
October	25.879	26.19	25.42	42.5	55.9	61.8	39.8	50.8	72	31	32	34	67	46	.184	.200	.07	.05	3.0	3.7	3.9
November	25.840	26.09	25.52	34.4	41.1	47.9	31.1	39.5	60	24	24	25	63	51	.126	.132	.16	.11	4.0	6.5	7.0
December	25.833	26.28	25.33	26.5	28.9	33.9	19.9	26.9	48	— 3	20	18	74	64	.108	.102	1.71	.81	6.9	5.5	7.3
Year	25.798	26.28	25.27	38.4	50.0	54.5	35.5	45.0	97	—12	29	29	68	48	.173	.171	14.71	1.59	5.2	5.8	6.0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

HATTERAS, N. C.

[H=11 ft.; h_1=17 ft.; h_r=3 ft.; h_a=42 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	18.1	N.	56	NW.	9	19	7	0	1	2	11	9	13	0	13	7	11	15	13	1	0	2	0	0	3	1	0
February	16.1	NW.	50	NW.	5	12	10	0	1	0	6	12	15	0	18	3	7	9	8	2	0	0	0	0	9	0	0
March	15.7	SW.	52	N.	3	6	3	1	4	12	22	5	9	0	14	10	7	7	6	0	0	0	0	0	2	2	0
April	18.8	N.	48	S.	5	18	6	3	4	2	8	9	10	0	6	14	10	7	7	0	0	2	0	6	0	2	0
May	11.4	SW.	39	W.	0	2	14	6	7	14	14	3	2	0	11	9	11	13	9	0	1	4	0	0	0	4	0
June	11.1	SW.	38	N.	0	5	11	7	4	17	13	3	0	0	20	3	7	8	7	0	0	0	0	0	0	2	0
July	14.0	SW.	62	W.	2	0	4	2	10	9	32	4	1	0	17	8	6	10	10	0	0	0	0	0	0	4	0
August	10.2	S.	33	S.	0	6	8	3	8	16	17	0	4	0	15	12	4	16	14	0	0	0	0	0	0	2	0
September	15.3	NE.	43	N.	1	9	22	3	3	7	11	2	3	0	15	7	8	8	7	0	0	1	0	0	0	2	0
October	13.5	N.	38	N.	0	27	16	0	3	4	7	2	3	0	22	5	4	4	3	0	0	1	0	0	0	0	0
November	17.9	N.	51	N.	4	24	4	0	1	0	5	10	16	0	19	7	4	7	5	0	0	1	0	0	0	0	0
December	16.4	N.	39	N.	0	20	6	1	7	7	7	7	7	0	14	5	12	14	11	2	0	1	1	0	5	2	0
Year	14.9	N.	62	W.	29	148	111	26	53	90	158	66	83	0	184	90	91	118	100	5	1	12	1	0	19	21	0

HAVANA, CUBA.

[H=57 ft.; H_1=74 ft.; h_1=87 ft.; h_r=79 ft.; h_a=105 ft.]

January	11.7	E.	40	NW.	1	13	7	26	4	1	1	2	8	0	12	12	7	9	7	0	0	0	0	0	0	1	0
February	11.7	E.	41	W.	1	10	8	14	9	6	3	3	3	0	14	9	5	8	6	0	0	0	0	0	0	1	0
March	13.7	E.	36	NE.	0	4	10	20	11	8	0	1	8	0	13	15	3	3	2	0	0	0	0	0	0	0	0
April	12.1	N.	38	NE.	0	14	6	17	3	4	1	6	9	0	18	11	1	3	2	0	0	0	0	0	0	0	0
May	8.7	E.	34	SW.	0	5	15	25	4	4	3	3	3	0	17	11	3	10	7	0	0	0	0	1	0	15	0
June	11.4	E.	39	E.	0	0	16	34	10	0	0	0	0	0	7	15	8	12	10	0	0	0	0	3	0	12	0
July	10.1	E.	48	E.	1	0	7	44	6	5	0	0	0	0	5	21	5	15	13	0	0	0	0	0	0	19	0
August	8.2	E.	43	E.	1	0	19	28	6	5	1	2	1	0	6	15	10	13	10	0	0	0	0	4	0	16	0
September	10.1	E.	48	SE.	2	1	14	29	10	3	3	0	0	0	3	19	8	19	14	0	0	0	0	3	0	11	0
October	14.4	NE.	43	E.	1	9	29	19	2	0	0	1	2	0	3	22	6	20	17	0	0	0	0	0	0	4	0
November	10.8	NE.	33	E.	0	15	18	20	2	1	0	1	3	0	10	16	4	9	6	0	0	0	0	0	0	0	0
December	12.3	E.	40	E.	1	6	9	31	1	5	2	2	6	0	10	13	8	7	4	0	0	0	0	0	0	0	0
Year	11.2	E.	48	E.	8	77	158	307	68	42	14	21	43	0	118	179	68	128	98	0	0	0	0	11	0	79	0

HAVRE, MONT.

[H=2,505 ft.; h_1=46 ft.; h_r=38 ft.; h_a=53 ft.]

January	12.7	SW.	49	SW.	4	1	13	2	2	0	24	13	6	1	8	13	10	7	5	7	0	1	13	0	27	0	0
February	10.3	SW.	48	SW.	1	1	13	5	0	0	18	14	4	1	8	15	5	7	4	7	0	0	19	0	27	0	1
March	10.1	SW.	38	NW.	0	2	12	2	4	0	21	14	7	0	9	16	6	5	0	4	1	1	2	0	26	0	0
April	9.3	NE.	44	NE.	2	5	14	6	1	2	11	17	3	1	10	17	3	5	4	2	1	0	0	0	16	1	0
May	9.1	SW.	39	NE.	0	2	12	8	5	1	8	12	14	0	10	14	7	8	7	1	1	0	0	1	1	4	0
June	9.8	SW.	34	NW.	0	1	11	6	1	0	21	9	11	0	6	18	6	10	8	0	0	0	0	0	1	4	0
July	7.7	NE.	44	NW.	1	3	15	3	8	1	9	13	8	2	22	9	0	8	7	0	1	0	0	11	0	10	0
August	7.5	NE.	40	NW.	1	1	17	4	8	3	12	8	8	1	18	12	1	2	2	0	1	0	0	5	0	1	0
September	8.8	NE.	46	NW.	1	1	11	11	2	1	13	11	8	2	3	18	9	12	11	2	1	2	0	0	4	4	0
October	8.5	SW.	50	SW.	2	3	5	3	4	4	21	12	10	0	21	9	1	2	2	0	1	0	0	0	8	1	1
November	9.3	SW.	44	SW.	1	2	19	4	0	1	17	13	4	0	9	16	5	4	3	3	0	0	3	0	26	0	0
December	13.0	SW.	48	SW.	2	1	11	1	0	1	28	17	3	0	8	12	11	7	3	5	0	1	8	0	27	0	0
Year	9.7	SW.	50	SW.	15	23	153	55	35	14	203	153	86	8	132	169	64	77	56	31	6	5	45	17	163	24	2

HELENA, MONT.

[H=4,110 ft.; h_1=88 ft.; h_r=80 ft.; h_a=94 ft.]

January	7.7	SW.	42	SW.	1	5	1	0	0	2	31	18	5	0	5	11	15	8	5	7	0	0	12	0	28	1	0
February	7.1	SW.	45	SW.	2	12	1	0	0	2	24	8	9	0	7	10	11	6	3	6	0	0	15	0	23	0	0
March	9.1	SW.	42	SW.	1	4	2	5	2	1	33	12	3	0	2	11	18	4	3	3	0	0	2	0	23	0	0
April	8.4	SW.	35	N.	0	1	3	2	2	5	28	16	3	0	6	10	14	7	6	5	0	0	0	0	14	0	0
May	7.2	SW.	45	SW.	3	6	7	3	1	0	27	9	7	2	2	16	13	12	9	0	0	0	0	0	1	9	0
June	8.1	SW.	36	SW.	0	1	1	1	0	0	36	16	5	0	2	14	14	14	12	0	0	2	0	0	0	4	1
July	7.4	SW.	38	S.	0	7	4	3	2	4	27	8	7	0	21	7	3	6	4	0	0	1	0	0	9	10	0
August	7.4	SW.	36	SW.	0	5	8	4	1	4	25	9	4	2	11	13	7	3	1	0	0	1	0	2	0	0	0
September	7.3	SW.	36	NE.	0	7	3	4	0	1	27	11	6	1	2	9	19	15	9	1	0	0	0	0	0	4	0
October	7.1	SW.	40	SW.	1	5	5	0	0	1	33	13	4	1	15	9	7	2	1	0	1	0	0	0	2	1	0
November	7.1	SW.	44	SW.	1	3	2	1	3	1	38	9	3	0	4	6	20	3	2	0	0	0	0	0	19	1	0
December	7.3	SW.	56	SW.	3	2	3	4	0	0	25	17	10	1	3	9	19	9	8	7	0	3	12	0	25	0	0
Year	7.6	SW.	56	SW.	12	58	40	27	11	21	354	146	66	7	80	125	160	89	63	29	4	4	41	11	135	33	1

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

HOUGHTON, MICH.[a]

[λ=47° 03′ N.; φ=88° 34′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.	
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.224	29.74	28.36	15.3	.....	24.4	8.2	16.3	41	−7	10	....	79	....	.070	.....	2.67	.95	9.0	.....	8.2
February	29.273	29.85	28.84	8.3	.....	19.3	3.2	11.2	44	−7	4	....	82	....	.050	.....	1.00	.29	8.2	.....	7.6
March	29.136	29.52	28.39	19.3	.....	29.8	15.4	22.6	43	−9	14	....	80	....	.086	.....	3.10	.99	7.8	.....	6.9
April	29.451	29.86	29.01	35.2	.....	53.4	31.8	42.6	88	20	28	....	73	....	.155	.....	1.01	.50	5.0	.....	4.2
May	29.240	29.82	28.86	47.4	.....	62.8	40.8	51.8	81	34	39	....	74	....	.247	.....	1.39	.64	4.6	.....	4.8
June	29.182	29.53	28.81	56.7	.....	71.0	50.7	60.8	101	36	51	....	82	....	.392	.....	4.32	.95	5.5	.....	4.9
July	29.220	29.45	28.89	62.8	.....	76.9	57.5	67.2	103	42	58	....	84	....	.485	.....	4.54	1.70	5.1	.....	5.2
August	29.294	29.56	29.07	60.7	.....	74.5	55.9	65.2	86	45	56	....	85	....	.456	.....	2.60	1.39	3.6	.....	3.6
September	29.275	29.70	28.63	51.6	.....	66.2	47.3	56.8	88	34	48	....	87	....	.345	.....	2.00	.81	3.9	.....	5.8
October	29.275	29.66	28.91	43.4	.....	56.9	39.0	48.0	78	28	38	....	81	....	.238	.....	2.40	.48	6.7	.....	5.9
November	29.352	29.75	28.86	28.3	.....	37.4	24.4	30.9	59	11	23	....	79	....	.128	.....	2.65	.91	8.3	.....	8.8
December	29.223	29.65	28.52	18.9	.....	26.2	13.2	19.7	40	−11	14	....	78	....	.089	.....	1.93	.39	9.0	.....	8.2
Year	29.262	29.86	28.36	37.3	.....	49.9	32.3	41.1	103	−11	32	....	80	....	.228	.....	29.61	1.70	6.6	.....	6.2

HURON, S. DAK.

[λ=44° 21′ N.; φ=98° 14′ W.]

January	28.627	29.10	28.00	13.5	22.8	32.2	7.5	19.8	57	−12	8	12	79	61	.066	.078	.13	.11	4.4	4.2	5.0
February	28.724	29.21	28.19	5.6	21.0	28.4	8.1	15.8	54	−12	2	8	84	56	.048	.066	.28	.14	3.6	3.4	4.3
March	28.508	29.07	28.01	22.9	36.8	44.4	20.3	32.4	73	−1	18	21	80	54	.104	.120	.79	.60	5.8	5.9	5.2
April	28.668	29.06	28.15	39.3	54.9	61.0	37.2	49.1	93	20	34	37	82	54	.206	.232	.86	.28	5.5	5.8	4.9
May	28.555	29.21	28.15	51.0	68.2	73.3	46.0	59.6	89	28	44	46	78	48	.303	.328	1.78	.69	3.0	3.1	3.6
June	28.446	28.84	28.14	61.3	73.8	78.6	56.7	67.6	93	32	56	57	83	59	.458	.501	6.46	2.70	5.6	4.1	4.8
July	28.505	28.82	28.15	68.3	86.5	91.7	64.2	78.0	104	52	62	62	80	47	.554	.577	.64	.14	3.2	2.0	2.7
August	28.619	28.83	28.30	61.6	80.4	86.5	58.7	72.6	108	50	55	57	80	46	.440	.471	2.50	1.33	3.2	3.6	3.5
September	28.567	28.92	27.96	49.9	62.6	69.5	47.7	58.6	90	29	45	49	85	65	.313	.370	6.75	2.73	5.1	5.1	5.5
October	28.660	28.92	28.25	40.6	54.9	65.0	38.0	51.5	81	29	38	40	88	60	.231	.258	1.11	.88	3.9	2.8	4.5
November	28.722	29.17	28.13	28.7	34.2	44.9	19.4	32.2	72	6	20	22	84	62	.110	.123	.08	.08	5.0	3.0	4.8
December	28.644	29.20	28.08	13.5	19.2	26.0	8.7	17.4	46	−22	10	14	84	77	.080	.092	.60	.18	5.3	5.5	6.1
Year	28.604	29.21	27.96	37.6	51.3	58.5	34.0	46.2	108	−22	33	35	82	57	.243	.268	21.98	2.73	4.5	4.0	4.6

INDEPENDENCE, CAL.

[λ=36° 48′ N.; φ=118° 12′ W.]

January	26.045	26.32	25.59	32.0	43.0	47.4	27.9	37.6	56	13	22	23	66	47	.124	.130	2.81	1.92	2.8	3.7	3.3
February	25.959	26.38	25.54	37.4	51.1	54.1	33.5	43.8	75	21	26	27	64	41	.147	.153	.64	.31	3.1	5.0	3.9
March	25.998	26.31	25.70	41.7	59.3	62.2	37.9	50.0	74	28	21	16	43	18	.114	.090	.05	.05	2.1	2.9	2.5
April	25.919	26.15	25.62	45.9	64.7	68.0	42.5	55.2	81	28	21	17	37	16	.115	.095	T.	T.	1.2	3.2	2.6
May	25.869	26.08	25.66	53.0	73.1	76.1	49.6	62.8	88	34	30	26	45	18	.176	.141	.36	.22	1.3	3.1	2.8
June	25.871	26.09	25.58	61.2	83.3	85.1	58.1	71.6	101	44	26	25	27	12	.145	.139	.0	.0	0.7	2.2	1.6
July	25.899	26.05	25.73	70.0	92.0	94.2	66.1	80.2	99	54	33	31	26	13	.200	.186	.10	.07	0.9	2.0	1.7
August	25.988	26.10	25.84	68.2	86.9	89.5	64.3	76.9	98	57	43	39	45	22	.308	.264	.32	.14	1.5	3.7	2.9
September	25.884	26.02	25.55	58.4	79.7	81.5	54.6	68.0	92	40	26	22	29	12	.141	.120	.0	.0	0.3	0.6	0.6
October	26.035	26.26	25.72	53.4	69.3	73.0	49.7	61.4	81	40	32	29	46	25	.185	.163	.65	.35	1.9	2.4	2.3
November	26.078	26.25	25.74	45.0	59.2	64.8	39.1	52.0	76	29	25	25	45	26	.185	.182	.22	.20	2.0	3.4	3.1
December	26.112	26.41	25.68	39.6	51.6	57.8	33.0	45.4	67	21	17	12	40	22	.098	.087	.06	.05	1.1	2.5	2.2
Year	25.971	26.41	25.54	50.5	67.8	71.1	46.4	58.7	101	13	27	24	43	23	.157	.142	5.21	1.92	1.6	2.9	2.5

INDIANAPOLIS, IND.

[λ=39° 46′ N.; φ=86° 10′ W.]

January	29.176	29.73	28.69	25.9	31.9	38.2	21.9	30.0	60	2	22	25	83	74	.124	.141	1.59	.86	6.6	6.4	7.0
February	29.171	29.60	28.63	18.7	26.7	31.3	16.6	24.0	51	3	15	21	82	78	.087	.115	1.63	.69	5.2	5.0	6.2
March	28.982	29.37	28.44	35.1	41.0	48.1	31.5	39.8	70	4	28	33	76	74	.162	.198	4.11	1.26	8.0	7.2	7.5
April	29.186	29.58	28.41	43.7	53.4	57.8	40.7	49.2	85	30	37	42	79	68	.231	.276	3.19	1.45	6.2	6.3	6.5
May	28.999	29.31	28.67	55.6	63.7	68.8	51.7	60.2	86	41	46	51	71	65	.309	.376	2.45	.68	5.6	6.2	6.0
June	29.099	29.31	28.89	69.5	76.7	83.0	64.3	73.6	95	45	62	59	78	56	.573	.518	3.52	1.34	4.7	5.3	5.0
July	29.114	29.31	28.93	75.2	86.6	92.7	71.2	82.0	106	57	61	66	62	52	.539	.658	.83	.81	3.1	3.1	2.7
August	29.120	29.33	28.91	69.1	79.0	84.9	65.4	75.2	95	58	62	61	78	56	.558	.547	3.57	1.22	4.1	5.5	5.3
September	29.186	29.47	28.79	59.5	71.2	77.8	57.1	67.4	91	39	50	56	72	59	.374	.464	.66	.24	3.1	3.5	3.6
October	29.262	29.55	28.59	49.0	60.3	66.7	46.7	56.7	79	33	42	44	78	57	.279	.299	3.52	3.13	2.6	2.4	4.2
November	29.259	29.70	28.95	34.9	40.7	46.5	31.8	39.2	69	22	26	29	68	64	.141	.164	1.17	.86	5.8	4.9	5.5
December	29.164	29.55	28.72	23.8	28.0	33.2	20.6	26.9	62	−10	19	20	80	69	.124	.116	4.09	2.31	6.1	5.6	6.5
Year	29.142	29.73	28.41	46.7	54.9	60.8	43.3	52.0	106	−10	39	42	76	64	.292	.323	30.33	3.13	5.0	5.1	5.5

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

HOUGHTON, MICH.

[H=668 ft.; h_t=66 ft.; h_r=57 ft.; h_a=74 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	.....	NW.	32	NW.	0	2	2	5	2	4	2	6	8	0	2	7	22	21	16	21	0	0	22	0	31	0	0
February	.....	NW.	24	NW.	0	3	4	4	2	0	0	7	8	0	5	3	20	20	7	20	0	0	27	0	28	0	0
March	.....	NE.	44	W.	1	1	9	7	3	1	0	4	6	0	5	10	16	16	13	13	0	0	19	0	31	0	0
April	.....	E.	24	NW.	0	0	4	9	5	1	0	9	2	0	17	5	8	6	5	1	0	0	0	0	16	2	0
May	.....	E.	26	N.	0	1	3	10	4	0	2	9	2	0	12	12	7	5	4	0	0	3	0	0	0	2	0
June	.....	E.	36	W.	0	0	2	9	6	0	0	7	6	0	10	13	7	16	12	0	0	1	0	2	0	5	0
July	.....	E.	40	W.	1	0	1	10	6	1	1	7	5	0	11	13	7	11	8	0	0	3	0	4	0	5	0
August	.....	NW.	24	SE.	0	2	3	6	5	0	0	4	10	1	19	7	5	12	7	0	0	3	0	0	0	5	0
September	.....	W.	31	W.	0	2	4	5	5	1	0	10	3	0	8	10	12	10	9	0	2	4	0	0	0	4	0
October	.....	NW.	30	W.	0	4	3	6	2	3	0	5	8	0	10	9	12	13	11	4	4	2	0	0	8	0	0
November	.....	NW.	30	W.	0	8	1	3	3	3	1	1	9	1	1	5	24	16	12	15	0	2	9	0	27	0	0
December	.....	NW.	32	NW.	0	3	1	5	2	1	6	4	9	0	3	4	24	19	15	19	0	0	20	0	31	0	0
Year	.....	E.	44	W.	2	26	37	79	45	15	12	73	76	2	103	98	164	165	119	93	6	18	97	6	167	25	0

HURON, S. DAK.

[H=1,306 ft.; h_t=56 ft.; h_r=52 ft.; h_a=67 ft.]

January	13.0	NW.	49	W.	4	5	3	1	18	2	3	9	21	0	10	15	6	3	2	3	0	0	16	0	30	0	0
February	10.8	NW.	35	NW.	0	3	4	3	8	1	3	10	24	0	11	15	2	4	2	4	0	0	18	0	28	0	0
March	14.1	NW.	48	NW.	2	10	7	5	10	0	3	6	21	0	12	11	8	8	3	7	0	1	4	0	29	0	0
April	15.4	SE.	63	SE.	4	3	3	12	23	6	0	1	12	0	10	16	4	11	6	2	0	0	0	2	12	1	1
May	11.6	SE.	38	NW.	0	8	6	13	21	1	1	1	11	0	16	12	3	11	9	0	0	0	0	0	2	3	0
June	11.4	SE.	50	SE.	2	1	4	12	17	5	2	8	11	0	8	17	5	14	10	0	1	0	0	3	0	17	0
July	11.1	SE.	47	NW.	1	5	11	8	22	4	0	3	9	0	19	12	0	10	6	0	0	0	0	17	0	11	0
August	9.9	SE.	36	SE.	0	7	6	1	21	9	1	4	13	0	16	13	2	7	4	0	0	0	0	8	0	7	0
September	12.4	SE.	47	SE.	1	3	10	2	24	1	2	9	9	0	7	15	8	12	10	0	1	0	0	1	2	6	0
October	10.5	SE.	36	SE.	0	3	1	1	23	6	6	6	16	0	14	9	8	5	3	0	0	1	0	0	5	0	0
November	11.6	NW.	39	SE.	0	4	4	3	21	3	2	4	19	0	10	15	5	2	1	2	0	0	5	0	29	0	2
December	10.4	NW.	39	SE.	0	8	2	5	10	6	1	8	22	0	8	12	11	8	5	7	0	1	16	0	31	0	0
Year	11.8	SE.	63	SE.	14	60	61	66	218	44	24	69	188	0	141	162	62	96	61	25	2	3	59	31	168	45	3

INDEPENDENCE, CAL.

[H=3,910 ft.; h_t=51 ft.; h_r=43 ft.; h_a=58 ft.]

January	7.4	NW.	36	N.	0	12	1	1	6	4	5	4	27	2	18	10	3	6	6	2	0	0	0	0	24	0	0
February	8.9	NW.	36	W.	0	11	1	0	6	9	1	7	21	0	13	12	3	6	5	2	0	0	0	0	11	0	0
March	10.5	N.	44	N.	1	21	1	0	4	4	3	7	22	0	21	10	0	1	1	1	0	0	0	0	4	0	0
April	11.3	NW.	44	SE.	2	12	0	1	15	8	3	4	17	0	18	12	0	0	0	0	0	0	0	0	4	0	0
May	9.0	NW.	40	N.	1	10	0	1	9	6	2	14	20	0	18	13	0	3	3	0	1	0	0	0	0	1	0
June	9.9	N.	36	NW.	0	13	0	1	9	3	2	14	18	0	24	6	0	0	0	0	0	0	0	6	0	0	0
July	7.5	S.	33	N.	0	2	4	0	16	14	7	8	11	0	23	8	0	2	1	0	0	0	0	28	0	3	0
August	7.3	SE.	36	SE.	0	9	1	0	19	14	3	3	12	1	18	13	0	5	3	0	1	0	0	12	0	9	0
September	7.6	S.	48	W.	1	6	1	1	15	10	5	2	20	0	28	2	0	0	0	0	0	0	0	3	0	0	0
October	7.6	NW.	54	W.	1	9	0	1	8	10	5	5	23	1	20	11	0	4	3	0	0	0	0	0	0	1	0
November	5.5	NW.	30	S.	0	8	0	1	12	10	5	6	18	0	14	16	0	2	1	0	0	0	0	0	1	1	1
December	8.4	NW.	44	W.	1	11	3	0	9	6	1	3	29	0	19	12	0	2	1	0	0	0	0	0	10	0	0
Year	8.4	NW.	54	W.	7	124	12	7	128	98	42	77	238	4	234	125	6	31	24	5	2	0	0	49	54	15	1

INDIANAPOLIS, IND.

[H=822 ft.; h_t=154 ft.; h_r=146 ft.; h_a=164 ft.]

January	11.8	W.	39	S.	0	2	5	1	7	11	9	14	13	0	5	8	18	11	6	7	0	0	12	0	24	0	0
February	11.2	W.	37	SW.	0	4	3	5	4	2	9	16	13	0	8	8	12	10	7	9	0	0	13	0	28	0	0
March	15.0	SW.	48	S.	8	4	2	4	7	10	17	8	10	0	5	7	19	19	12	7	0	0	3	0	14	3	0
April	10.1	NW.	32	NW.	0	13	10	9	4	2	2	1	19	0	6	10	14	11	9	2	0	0	0	0	4	0	0
May	8.5	N.	32	SW.	0	16	9	4	0	6	3	16	8	0	8	11	12	11	9	0	0	1	0	0	0	4	0
June	8.1	NW.	43	SE.	2	5	5	3	5	12	15	2	13	0	7	18	5	11	8	0	1	0	0	6	0	14	0
July	8.9	NE.	34	SE.	0	5	17	2	2	18	12	2	9	0	19	12	0	3	1	0	0	0	0	24	0	3	0
August	8.0	N.	32	SE.	0	19	14	2	3	11	5	5	3	0	7	18	6	8	7	0	1	0	0	5	0	5	0
September	8.7	SE.	44	SW.	1	9	6	6	11	9	3	5	11	0	14	14	2	6	5	0	0	0	0	1	0	2	0
October	9.6	S.	33	SW.	0	5	4	1	7	19	11	5	10	0	17	7	7	4	3	0	0	1	0	0	1	0	0
November	9.9	NW.	48	S.	1	6	1	2	11	7	3	12	18	0	12	7	11	7	7	0	0	1	1	0	15	0	0
December	10.6	SE.	38	S.	0	11	3	3	12	9	7	5	12	0	7	9	15	7	4	2	0	0	10	0	24	6	0
Year	10.0	NW.	48	S.	12	99	79	42	73	111	96	91	139	0	115	129	121	108	78	27	2	3	39	36	109	32	0

a By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

JACKSONVILLE, FLA.

[λ=30° 20′ N.; φ=81° 39′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	30.064	30.54	29.59	47.6	54.7	63.6	44.9	54.2	76	32	43	45	84	70	.292	.317	2.64	.81	5.3	2.7	5.6
February	30.016	30.32	29.62	46.8	54.1	60.7	44.0	52.4	75	29	40	42	78	66	.277	.289	6.76	2.88	4.9	4.1	5.8
March	30.005	30.46	29.57	54.6	61.1	69.6	51.2	60.4	82	30	49	48	80	64	.373	.367	6.57	4.47	3.9	2.9	4.1
April	29.938	30.31	29.59	59.3	64.5	72.7	53.8	63.2	85	45	49	49	68	59	.360	.358	1.08	.55	2.4	2.9	3.3
May	29.831	30.05	29.59	70.4	74.6	85.1	65.7	75.4	93	55	64	62	80	68	.596	.566	5.31	3.38	4.1	4.6	5.1
June	29.953	30.10	29.72	77.0	77.9	86.3	71.5	78.9	94	65	71	70	81	78	.751	.737	9.64	3.30	4.1	4.6	5.7
July	29.966	30.12	29.74	79.5	80.1	90.8	74.5	82.6	97	70	74	72	82	77	.827	.794	4.26	1.60	4.1	4.6	6.1
August	29.962	30.07	29.87	77.5	77.5	88.6	72.4	80.5	93	68	72	72	85	82	.798	.770	6.12	2.32	3.7	5.1	5.8
September	29.935	30.03	29.72	75.0	77.1	84.5	71.5	78.0	92	64	71	71	86	82	.750	.753	7.38	2.25	4.1	5.3	5.7
October	30.044	30.27	29.65	65.0	69.0	77.0	62.0	69.5	84	51	60	62	84	78	.538	.559	1.37	.94	3.9	3.1	5.0
November	30.081	30.35	29.83	49.6	57.5	65.6	47.2	56.4	79	33	43	46	78	67	.304	.335	.36	.13	3.3	2.3	3.4
December	30.047	30.36	29.56	46.2	54.1	62.3	43.2	52.8	76	20	42	45	86	73	.305	.337	2.73	1.14	4.2	3.2	4.9
Year	29.987	30.54	29.56	62.4	66.8	75.6	58.5	67.0	97	20	56	57	81	72	.514	.515	54.22	4.47	4.0	3.8	5.0

JUPITER, FLA.

[λ=26° 57′ N.; φ=80° 07′ W.]

January	30.043	30.48	29.70	60.9	64.5	72.2	57.5	64.8	82	41	54	56	80	75	.455	.470	8.29	4.94	3.9	3.7	3.9
February	30.007	30.26	29.65	58.5	63.1	72.5	55.0	63.8	85	42	52	54	78	72	.418	.440	1.07	.40	3.8	2.8	3.8
March	30.022	30.33	29.72	64.0	67.9	75.2	60.2	67.7	89	41	57	58	78	70	.489	.498	2.30	.92	3.6	3.5	3.9
April	29.947	30.19	29.67	67.5	69.8	77.3	60.6	69.0	84	51	57	58	70	67	.485	.488	2.13	1.36	3.9	2.3	3.8
May	29.864	30.00	29.63	74.5	76.0	84.3	67.3	75.8	92	61	67	68	78	76	.667	.682	3.63	2.02	3.2	3.6	4.3
June	29.948	30.08	29.82	80.5	79.0	84.7	74.3	79.5	89	67	74	74	82	84	.854	.834	17.41	9.26	5.3	5.5	5.4
July	29.964	30.10	29.88	81.7	80.5	86.2	76.3	81.2	92	70	75	75	80	84	.865	.868	7.22	2.29	5.7	5.1	5.0
August	29.953	30.05	29.87	80.7	79.6	85.8	74.1	80.0	90	69	75	74	84	84	.878	.841	12.13	2.13	5.5	5.6	5.5
September	29.906	30.00	29.76	80.7	80.3	85.9	75.3	80.6	90	69	76	75	85	84	.893	.861	9.71	3.03	5.2	5.3	5.5
October	29.946	30.15	29.67	77.0	77.7	82.4	72.5	77.4	88	66	70	70	80	78	.743	.744	7.08	1.65	5.5	5.9	5.7
November	30.042	30.24	29.88	63.1	65.3	74.4	58.9	66.6	86	42	56	56	80	74	.476	.472	.94	.82	2.9	3.2	3.7
December	30.037	30.23	29.64	61.8	64.1	71.8	57.6	64.7	80	38	57	58	86	81	.495	.498	4.17	2.80	5.4	4.1	5.4
Year	29.973	30.48	29.63	70.9	72.3	79.4	65.8	72.6	92	38	64	65	80	77	.643	.641	76.08	9.26	4.5	4.2	4.7

KALISPELL, MONT.

[λ=48° 10′ N.; φ=114° 25′ W.]

January	26.921	27.38	26.43	17.5	23.6	27.2	14.3	20.8	44	— 5	15	20	90	84	.088	.110	1.26	.25	5.7	7.5	7.6
February	26.982	27.27	26.45	17.8	27.5	31.2	15.0	23.1	51	— 4	14	19	84	69	.090	.109	.84	.42	6.0	5.9	4.9
March	26.896	27.48	26.44	30.1	40.2	43.1	27.8	35.4	58	8	26	26	84	59	.143	.143	.98	.22	6.6	7.2	5.4
April	26.888	27.22	26.39	32.1	50.7	53.6	31.1	42.4	75	24	26	25	77	38	.139	.134	.45	.32	6.0	5.6	3.9
May	26.869	27.18	26.59	44.6	63.4	66.1	43.0	54.6	84	26	39	42	82	49	.245	.280	1.95	.74	6.9	6.1	4.9
June	26.877	27.06	26.65	43.2	57.4	61.2	41.5	51.4	80	31	39	41	85	58	.241	.267	2.86	.74	6.4	7.5	5.8
July	26.875	27.06	26.69	49.9	77.9	80.4	48.5	64.4	90	38	42	45	74	32	.269	.302	.34	.34	2.2	2.4	1.3
August	26.946	27.14	26.77	51.3	78.8	81.1	50.3	65.7	91	42	43	42	74	29	.281	.268	.14	.11	3.0	3.4	2.7
September	26.903	27.27	26.42	40.6	55.0	59.2	39.0	49.1	83	30	37	41	87	61	.225	.262	1.81	.30	6.8	6.5	5.7
October	27.000	27.35	26.53	37.4	54.8	60.5	35.1	47.8	74	29	34	40	86	57	.194	.249	.43	.15	2.6	4.3	2.8
November	26.969	27.29	26.58	32.1	38.2	44.0	29.4	36.7	53	23	28	31	85	74	.158	.171	.73	.24	5.4	6.6	7.4
December	27.009	27.49	26.42	25.6	29.7	33.3	22.6	28.0	44	4	22	24	85	80	.117	.130	1.06	.33	6.2	7.4	7.0
Year	26.928	27.49	26.39	35.2	49.8	53.4	33.1	43.3	91	— 5	30	33	83	58	.182	.202	12.85	.74	5.3	5.9	5.0

KANSAS CITY, MO.

[λ=39° 05′ N.; φ=94° 37′ W.]

January	29.072	29.54	28.59	29.5	37.1	43.5	25.9	34.7	62	5	23	25	78	61	.129	.137	.45	.36	3.7	2.8	3.6
February	29.110	29.61	28.56	22.2	30.0	34.2	19.2	26.7	52	2	19	23	85	74	.109	.126	1.43	.69	3.6	4.5	4.4
March	28.863	29.46	28.33	36.2	45.4	51.8	32.6	42.2	80	14	30	32	79	63	.178	.192	3.69	1.83	5.5	5.7	6.0
April	29.044	29.40	28.25	47.0	58.4	62.9	44.9	53.9	87	31	40	42	78	59	.256	.280	4.20	2.02	5.4	5.6	5.5
May	28.902	29.38	28.65	57.7	68.9	72.5	55.2	63.8	86	43	48	48	71	51	.346	.348	.75	.33	4.6	4.3	4.5
June	28.896	29.18	28.63	70.4	85.4	90.7	67.8	79.2	100	54	60	58	71	43	.537	.504	2.54	1.76	3.6	3.0	3.0
July	28.940	29.13	28.66	79.0	94.0	98.3	75.9	87.1	106	67	63	59	60	34	.587	.508	2.75	1.17	2.7	3.0	3.1
August	28.989	29.19	28.78	71.2	84.6	89.5	69.1	79.3	101	60	60	60	68	45	.517	.518	2.64	1.62	3.1	2.6	3.1
September	28.996	29.32	28.67	60.6	73.0	78.4	59.3	68.8	94	38	51	54	72	56	.395	.445	1.84	.59	4.1	3.2	4.4
October	29.105	29.39	28.84	53.7	65.0	71.6	51.9	61.8	87	36	46	46	75	53	.319	.329	2.20	1.66	5.8	1.9	3.9
November	29.148	29.53	28.73	37.7	49.1	54.6	35.0	44.8	74	24	29	32	69	52	.165	.191	.60	.60	4.5	3.7	4.1
December	29.060	29.63	28.57	25.2	29.6	35.2	21.7	28.4	54	— 8	21	22	82	73	.126	.135	1.07	1.11	5.8	5.2	5.7
Year	29.009	29.63	28.25	49.2	60.0	65.3	46.5	55.9	106	— 8	41	42	74	55	.305	.309	24.76	2.02	4.4	3.8	4.3

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

JACKSONVILLE, FLA.

[H=43 ft.; h_t=69 ft.; h_r=59 ft.; h_a=84 ft.]

Month.	Wind.														Number of days.													
	By self-registers.				Number of winds, 8 a. m. and 8 p. m.													Precipitation.					Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	7.9	NW.	37	W.	0	14	10	2	2	5	7	10	12	0	10	7	14	10	8	0	0	0	0	0	0	0	0
February	7.1	NW.	26	SW.	0	6	7	2	1	3	13	3	21	0	10	4	14	8	7	0	0	0	0	0	1	1	0
March	9.3	W.	61	S.	1	4	2	4	11	10	13	10	8	0	16	5	10	9	8	0	0	0	0	0	2	4	0
April	10.1	W.	42	SE.	1	6	11	4	8	2	3	12	14	0	19	5	6	4	4	0	0	0	0	0	0	1	0
May	8.6	SW.	35	W.	0	0	5	3	11	8	13	16	6	0	9	17	5	12	10	0	0	0	0	3	0	11	0
June	7.3	E.	48	SE.	2	4	6	22	8	6	5	6	3	0	4	19	7	13	12	0	0	0	0	8	0	9	0
July	7.3	SE.	36	E.	0	1	1	6	30	8	9	4	3	0	9	12	10	12	11	0	0	0	0	19	0	16	0
August	7.1	SE.	36	SW.	0	4	2	7	25	7	9	3	5	0	7	14	10	21	17	0	1	0	0	7	0	17	0
September	8.8	NE.	32	SW.	0	9	17	5	8	7	7	2	5	0	8	10	12	12	8	0	0	0	0	6	0	5	0
October	8.5	NE.	24	NE.	0	20	26	4	2	2	1	3	5	0	10	13	8	8	5	0	0	1	0	0	0	2	0
November	6.6	NW.	29	W.	0	13	12	4	2	2	1	7	18	1	20	4	6	5	3	0	0	1	0	0	0	0	0
December	7.9	NW.	32	W.	0	5	8	5	7	7	5	11	14	0	11	10	10	10	4	0	0	2	0	0	7	0	0
Year	8.0	NW.	61	S.	4	86	107	68	115	66	86	87	114	1	133	120	112	124	97	0	1	4	0	43	10	66	0

JUPITER, FLA.

[H=28 ft.; h_t=10 ft.; h_r=3 ft.; h_a=30 ft.]

January	10.9	NW.	30	S.	0	3	5	5	7	5	2	15	20	0	18	8	5	12	8	0	0	0	0	0	0	0	0
February	10.5	NW.	40	SW.	1	9	2	0	5	5	7	7	21	0	14	11	3	5	4	0	0	0	0	0	0	2	0
March	12.1	SE.	36	S.	0	2	2	0	21	7	1	12	17	0	13	16	2	8	5	0	0	0	0	0	0	2	0
April	11.7	W.	40	SE.	1	4	9	3	9	2	2	22	9	0	15	12	3	5	5	0	0	0	0	0	0	2	0
May	8.1	W.	36	SE.	0	1	6	3	16	8	9	16	3	0	15	11	5	7	6	0	0	0	0	3	0	8	0
June	8.7	SE.	36	E.	0	3	6	11	20	4	10	5	1	0	10	11	9	13	18	0	0	0	0	0	0	13	0
July	9.2	SE.	30	SE.	0	2	3	19	29	3	3	0	2	1	9	19	3	18	14	0	0	0	0	1	0	12	0
August	8.4	SE.	33	SE.	0	1	4	11	22	7	8	5	4	0	7	18	6	21	20	0	0	0	0	0	0	16	0
September	9.2	SE.	49	N.	1	1	13	13	14	10	5	1	3	0	8	17	5	16	15	0	0	0	0	1	0	6	0
October	14.6	NE.	36	NE.	0	2	35	10	2	2	2	1	8	0	5	20	6	24	22	0	0	0	0	0	0	2	0
November	9.8	NW.	34	N.	0	6	7	3	2	2	4	12	24	0	15	13	2	7	3	0	0	0	0	0	0	0	0
December	10.8	NW.	35	E.	0	4	1	13	9	3	2	12	18	0	9	15	7	10	6	0	0	1	0	0	0	1	0
Year	10.3	SE.	49	N.	3	38	93	91	156	58	55	108	130	1	138	171	56	146	121	0	0	1	0	5	0	64	0

KALISPELL, MONT.

[H=2,965 ft.; h_t=45 ft.; h_r=37 ft.; h_a=51 ft.]

January	5.0	W.	36	NW.	0	2	1	0	4	7	5	28	15	0	6	6	19	15	11	14	0	1	17	0	29	0	0
February	5.2	W.	36	SW.	0	4	1	1	10	6	6	17	11	0	9	11	8	10	7	7	1	0	16	0	25	0	0
March	5.9	SE.	40	SW.	1	1	0	1	20	6	12	19	3	0	9	13	9	16	10	14	6	1	1	0	27	0	0
April	6.7	W.	29	SW.	0	5	1	2	10	4	10	16	12	0	15	10	5	6	1	4	0	0	0	0	19	0	0
May	6.0	SE.	30	SE.	0	5	1	2	17	3	3	20	11	0	10	12	9	11	7	0	0	0	0	0	4	2	0
June	5.6	W.	30	SW.	0	1	2	7	11	4	7	16	12	0	6	16	8	15	9	0	1	0	0	0	1	2	0
July	5.9	W.	24	SW.	0	1	0	8	7	2	2	26	16	0	27	8	1	2	1	0	0	0	0	0	0	1	0
August	5.9	W.	35	NW.	0	4	2	12	6	0	4	22	12	0	21	7	3	3	1	0	0	0	0	3	0	4	0
September	5.2	W.	28	NW.	0	4	2	3	13	2	5	14	17	0	7	12	11	18	14	0	0	0	0	0	0	3	0
October	4.8	W.	23	SW.	0	0	0	2	17	7	2	16	17	1	21	5	5	5	5	0	0	0	0	0	0	6	0
November	4.6	W.	33	SW.	0	0	0	4	8	4	15	27	7	0	4	8	18	10	7	4	0	1	0	0	0	0	0
December	4.7	W.	36	SW.	0	1	0	0	6	7	9	29	10	0	4	7	20	10	6	6	0	0	12	0	24	0	0
Year	5.5	W.	40	SW.	1	28	10	42	124	52	80	250	143	1	139	110	116	121	79	49	8	3	46	3	161	8	0

KANSAS CITY, MO.

[H=963 ft.; h_t=78 ft.; h_r=81 ft.; h_a=95 ft.]

January	8.8	NW.	30	S.	0	10	2	1	8	10	11	7	13	0	16	8	7	3	2	1	0	1	6	0	23	0	0
February	8.1	NW.	32	NW.	0	13	7	5	5	3	6	4	12	1	13	7	8	9	6	3	1	1	11	0	25	0	0
March	11.9	NW.	40	SW.	1	9	6	0	4	13	7	4	17	2	9	10	12	8	5	5	0	1	2	0	13	2	0
April	8.5	E.	34	NW.	0	14	3	13	12	5	4	1	6	2	9	9	12	8	6	2	1	1	0	0	1	2	0
May	7.9	N.	29	SE.	0	13	10	3	12	5	5	3	10	1	14	7	10	8	5	0	0	0	0	0	0	5	0
June	9.4	S.	33	SW.	0	3	5	5	8	24	5	0	9	1	18	7	5	5	5	0	0	1	0	0	18	6	0
July	7.3	S.	30	W.	0	6	4	5	10	15	19	1	1	1	19	8	4	7	5	0	0	0	0	0	26	12	0
August	5.7	NE.	24	N.	0	11	13	10	5	10	4	1	7	1	19	9	3	8	5	0	0	0	1	0	17	8	0
September	7.4	S.	30	S.	0	6	9	3	12	15	3	2	9	1	14	7	9	9	8	3	0	0	0	0	2	6	0
October	7.6	S.	29	SW.	0	9	4	5	6	16	9	5	8	0	14	10	7	5	3	0	0	0	0	0	0	3	0
November	8.5	NW.	35	S.	0	9	5	4	9	9	6	2	16	0	16	5	9	1	1	1	0	0	0	0	11	0	0
December	8.7	NW.	32	NW.	0	9	5	3	7	11	8	4	15	0	11	5	15	8	6	4	0	4	7	0	23	0	0
Year	8.3	S.	40	SW.	1	112	73	57	98	136	87	34	123	10	172	92	101	79	57	22	2	9	26	63	96	44	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

KEOKUK, IOWA.

[λ=40° 22′ N.; φ=91° 26′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.415	29.97	28.83	25.6	31.6	37.7	23.4	30.6	60	3	20	25	79	76	.114	.137	1.41	1.00	3.9	3.8	4.4
February	29.452	29.95	28.89	17.0	24.2	28.4	15.4	21.9	45	— 3	11	18	77	76	.076	.100	.75	.27	3.7	3.3	3.0
March	29.173	29.72	28.52	34.1	40.4	45.6	31.5	38.6	70	10	28	32	78	72	.158	.189	2.69	1.22	5.1	5.1	6.4
April	29.420	29.82	28.52	44.6	56.4	60.6	42.5	51.6	88	30	38	45	79	66	.242	.310	2.29	1.26	4.2	5.1	4.6
May	29.229	29.70	28.96	56.6	67.4	73.1	52.8	63.0	87	40	50	55	81	66	.375	.441	1.95	.83	3.0	3.5	3.8
June	29.258	29.49	29.00	69.6	78.9	86.2	66.1	76.2	100	50	63	66	79	67	.581	.655	6.84	3.30	3.6	3.2	3.7
July	29.279	29.48	28.99	77.0	89.7	96.7	73.5	85.1	108	57	64	64	64	45	.598	.605	2.02	1.90	2.0	2.2	2.7
August	29.327	29.55	29.12	68.9	80.9	88.8	65.6	77.2	96	56	59	60	72	50	.511	.517	.15	.15	1.3	2.2	2.5
September	29.348	29.63	28.95	59.0	71.0	78.1	56.7	67.4	95	35	52	54	80	69	.407	.439	2.14	.70	3.2	1.9	3.3
October	29.441	29.75	29.06	49.6	60.2	68.5	47.8	58.2	85	35	42	44	78	68	.285	.304	.93	.46	3.1	2.4	3.5
November	29.488	29.92	29.06	31.4	41.9	49.0	29.5	39.2	70	14	26	30	80	62	.148	.170	.80	.38	2.7	2.6	3.1
December	29.393	29.90	28.84	21.4	25.4	31.9	18.5	25.2	56	—12	18	21	84	81	.115	.128	1.17	.42	5.8	5.5	6.2
Year	29.352	29.97	28.52	46.2	55.7	62.0	43.6	52.8	108	—12	39	43	78	65	.301	.333	22.54	3.30	3.5	3.4	3.9

KEY WEST, FLA.

[λ=24° 34′ N.; φ=81° 49′ W.]

January	30.062	30.48	29.84	66.6	67.6	71.8	64.4	68.1	82	55	60	60	80	78	.532	.539	.33	.28	3.7	2.0	4.1
February	30.021	30.23	29.74	65.3	67.1	72.1	62.6	67.4	81	52	58	60	78	77	.514	.527	.47	.41	3.1	3.2	4.1
March	30.033	30.37	29.75	68.3	69.7	75.1	65.2	70.2	84	52	61	61	77	75	.551	.561	2.68	1.24	3.0	2.6	3.0
April	29.983	30.19	29.81	70.8	71.1	75.2	68.5	71.8	82	64	60	61	69	70	.523	.542	.46	.45	3.4	1.8	3.2
May	29.888	30.05	29.66	77.6	76.9	81.6	72.6	77.1	86	67	69	68	75	75	.710	.696	2.74	1.95	3.2	2.7	3.5
June	29.942	30.09	29.81	81.1	80.5	85.4	76.3	80.8	88	69	73	74	78	80	.820	.830	5.65	1.24	5.3	4.6	5.6
July	29.948	30.09	29.84	81.6	81.2	86.3	76.6	81.4	88	70	74	74	77	78	.823	.830	5.58	1.79	4.9	4.9	5.2
August	29.961	30.04	29.87	82.3	81.3	86.1	76.4	81.2	88	69	74	73	75	76	.827	.811	5.75	2.50	5.1	5.6	5.2
September	29.900	30.02	29.75	81.9	80.8	86.1	76.7	81.4	89	70	74	74	78	80	.842	.833	7.15	2.58	4.9	5.3	5.8
October	29.937	30.10	29.70	77.8	79.2	81.8	75.8	78.8	88	72	71	71	80	76	.765	.756	.79	.40	3.2	2.6	4.4
November	30.060	30.24	29.91	69.3	70.6	73.7	67.2	70.4	81	57	61	61	75	73	.542	.546	.25	.09	2.6	1.9	2.7
December	30.040	30.27	29.76	66.2	67.2	71.8	63.4	67.6	79	50	61	60	84	79	.550	.540	5.17	2.08	4.4	3.6	4.8
Year	29.981	30.48	29.66	74.1	74.4	78.9	70.5	74.7	89	50	66	66	77	76	.667	.668	37.02	2.58	3.9	3.4	4.3

KINGSTON, JAMAICA, WEST INDIES.

[λ=17° 58′ N.; φ=76° 48′ W.]

January	29.665	29.84	29.57	71.2	72.8	83.9	66.0	75.0	87	61	62	66	73	79	.560	.634	3.00	1.14	2.0	2.1	3.6
February	29.671	29.76	29.58	73.1	74.4	84.5	66.9	75.7	87	63	64	67	73	78	.594	.658	.01	.01	1.5	1.0	3.6
March	29.677	29.81	29.59	75.3	75.3	85.4	68.2	76.8	90	65	64	66	69	74	.606	.642	.49	.24	2.0	1.8	4.1
April	29.624	29.75	29.55	77.8	77.0	85.9	69.9	77.9	90	66	65	68	66	75	.624	.695	1.32	.77	1.9	4.1	4.5
May	29.597	29.69	29.52	80.8	78.2	87.4	71.5	79.4	91	69	68	70	65	78	.682	.747	.54	.20	3.2	3.0	5.3
June	29.620	29.72	29.57	79.9	77.7	87.5	72.1	79.8	93	69	71	72	75	82	.748	.774	12.93	6.48	5.4	4.9	6.9
July	29.601	29.71	29.51	79.0	78.2	87.0	72.2	79.6	90	70	71	73	77	83	.758	.803	5.49	3.26	5.0	4.5	5.8
August	29.615	29.70	29.54	78.7	77.9	87.9	72.0	80.0	91	70	70	73	75	85	.732	.808	2.44	.67	4.0	2.7	5.8
September	29.579	29.68	29.47	78.3	77.0	86.0	71.7	78.8	90	70	71	72	80	87	.764	.798	8.67	3.53	5.9	4.4	6.8
October	29.546	29.66	29.43	78.2	76.1	86.4	71.4	78.9	88	69	71	73	79	90	.759	.801	9.83	4.11	3.6	4.3	5.6
November	29.604	29.72	29.45	77.0	75.0	85.1	70.1	77.6	88	66	69	69	77	81	.708	.700	.87	.46	4.2	3.7	5.5
December	29.627	29.72	29.55	74.6	74.4	84.7	69.1	76.9	88	67	67	69	78	83	.669	.704	1.42	.75	3.5	2.4	4.5
Year	29.619	29.84	29.43	77.0	76.2	86.0	70.1	78.0	94	61	68	70	74	81	.684	.730	47.01	6.48	3.5	3.2	5.2

KITTYHAWK, N. C.

[λ=36° 0′ N.; φ=75° 42′ W.]

January						48.7	38.5	43.6	68	27							1.96	.75			5.4
February						43.0	30.3	36.6	53	19							3.60	1.70			4.1
March						57.5	44.6	51.0	70	24							4.74	1.90			4.5
April						55.8	46.3	51.0	69	42							4.58	1.20			5.5
May						69.3	56.0	62.6	82	48							9.26	4.04			5.3
June						80.1	67.4	73.8	90	60							2.57	.90			2.9
July						87.4	75.5	81.4	96	66							8.40	2.10			3.7
August						84.4	73.8	79.1	89	68							5.64	1.84			4.3
September						77.8	70.3	74.0	89	65							5.62	1.90			4.0
October						69.6	59.7	64.6	78	46							1.96	.90			2.4
November						54.1	40.1	47.1	70	24							2.10	1.28			3.5
December						51.3	36.0	43.6	66	18							5.88	1.70			4.2
Year						64.9	53.2	59.0	96	18							56.34	4.04			4.2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

KEOKUK, IOWA.

[H=614 ft.; h_t=63 ft.; h_r=56 ft.; h_a=78 ft.]

Month.	Wind.													Number of days.												
	By self-registers.				Number of winds, 8 a. m. and 8 p. m.												Precipitation.					Maximum temp.		Minimum temperature below 32°.	Electricity.	
	Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.		Thunderstorms.	Aurora.
	Miles.		*Mi.*																							
January	8.7	NW.	34	NW.	0	1	4	4	8	6	14	9	16	0	14	9	8	6	4	3	0	0	11	0	26	1	0
February	8.3	NW.	30	NW.	0	3	3	5	4	1	10	8	22	0	20	2	6	5	4	5	0	0	18	0	28	0	0
March	11.2	SW.	38	SW.	0	3	4	6	9	5	13	12	10	0	6	10	15	12	7	8	0	3	2	0	15	2	0
April	7.6	E.	28	NE.	0	12	6	13	12	2	2	0	11	2	13	8	9	8	5	1	0	0	0	0	3	0	0
May	7.6	N.	28	SW.	0	18	7	4	7	2	11	4	8	1	17	9	5	5	5	0	1	0	0	0	0	3	0
June	6.6	SW.	36	SE.	0	2	2	8	13	7	15	2	8	3	15	12	3	11	10	0	2	0	0	11	0	10	0
July	6.6	SW.	24	NW.	0	5	3	12	8	9	19	0	5	1	19	11	1	5	3	0	0	0	0	26	0	11	0
August	5.6	NE.	26	NE.	0	14	15	12	5	3	6	0	4	3	21	9	1	1	1	0	0	0	0	12	0	2	0
September	6.9	SE.	28	NW.	0	2	6	4	14	10	10	1	11	2	17	9	4	6	6	0	0	0	0	2	0	2	0
October	6.9	SW.	25	SW.	0	7	2	3	7	6	21	2	10	4	18	7	6	7	5	0	0	1	0	0	0	3	0
November	7.7	NW.	36	SW.	0	5	8	3	6	9	9	4	15	1	18	6	6	4	3	1	0	2	0	0	18	0	0
December	7.3	NW.	26	NW.	0	5	5	3	7	7	14	4	17	0	8	6	17	9	8	5	0	5	10	0	27	0	0
Year	7.6	SW.	38	SW.	0	77	65	77	100	67	144	46	137	17	186	98	81	79	61	23	3	11	41	51	117	34	0

KEY WEST, FLA.

[H=22 ft.; h_t=43 ft.; h_r=34 ft.; h_a=50 ft.]

January	11.9	NE.	36	NW.	0	12	24	8	8	3	0	1	6	0	14	13	4	3	1	0	0	0	0	0	0	0	0
February	11.4	NE.	48	W.	1	15	15	8	9	4	1	1	3	0	16	6	6	4	2	0	0	0	0	0	0	1	0
March	11.5	SE.	48	NW.	1	9	14	10	16	4	1	1	7	0	21	9	1	5	5	0	0	0	0	0	0	1	0
April	12.2	NW.	35	NW.	0	8	10	10	7	0	2	2	21	0	19	9	2	2	1	0	0	0	0	0	0	2	0
May	6.6	N.	31	NW.	0	14	7	11	8	6	5	6	5	0	17	10	4	5	5	0	0	0	0	0	0	5	0
June	7.8	E.	35	NE.	0	1	9	27	16	6	0	0	1	0	4	19	7	14	10	0	0	0	0	0	0	4	0
July	8.2	E.	26	NE.	0	1	9	30	20	2	0	0	0	0	11	13	7	16	14	0	0	0	0	0	0	8	0
August	7.2	SE.	36	SW.	0	3	9	15	19	7	4	1	4	0	10	15	6	19	15	0	0	0	0	0	0	10	0
September	8.4	E.	35	E.	0	2	14	22	17	4	0	0	1	0	6	16	8	17	12	0	0	0	0	0	0	2	0
October	14.8	NE.	35	NE.	0	6	45	2	6	0	0	1	2	0	14	13	4	9	4	0	0	0	0	0	0	1	0
November	11.8	NE.	32	NW.	0	16	32	2	3	0	2	0	5	0	22	8	0	4	3	0	0	0	0	0	0	0	0
December	10.8	NE.	34	NW.	0	8	24	14	6	2	0	2	6	0	14	10	7	10	8	0	0	0	0	0	0	1	0
Year	10.2	NE.	48	W.	2	95	212	159	135	38	15	15	61	0	168	141	56	108	80	0	0	0	0	0	0	35	0

KINGSTON, JAMAICA, WEST INDIES.

[H=286 ft.; h_t=38 ft.; h_r=38 ft.; h_a=52 ft.]

January	5.9	NE.	21	SE.	0	21	38	3	0	0	0	0	0	0	17	11	3	7	5	0	0	0	0	0	0	1	0
February	6.4	NE.	25	SE.	0	26	21	4	2	0	0	1	2	0	15	12	1	1	0	0	0	0	0	0	0	0	0
March	7.3	NE.	29	NW.	0	36	12	5	3	1	0	1	4	0	10	20	1	7	3	0	0	0	0	0	0	0	0
April	6.8	NE.	26	SE.	0	31	9	2	4	4	2	0	7	1	9	20	1	4	4	0	0	0	0	1	0	0	0
May	7.1	SE.	32	SE.	0	27	5	3	13	0	3	2	9	0	5	22	4	10	6	0	0	0	0	2	0	9	0
June	8.2	SE.	28	SE.	0	25	13	5	10	0	0	2	5	0	2	16	12	22	18	0	0	0	0	4	0	16	0
July	5.5	NE.	24	SE.	0	28	25	5	0	1	0	1	1	1	2	23	6	10	9	0	0	0	0	1	0	11	0
August	5.6	NE.	26	SE.	0	29	31	1	0	0	0	1	0	0	3	24	4	12	10	0	0	0	0	1	0	13	0
September	5.9	NE.	27	SE.	0	22	29	3	4	0	1	0	1	0	4	12	14	17	14	0	0	0	0	0	0	13	0
October	4.6	NE.	19	W.	0	23	33	4	1	0	0	0	1	0	5	18	8	19	18	0	0	0	0	0	0	11	0
November	5.0	N.	18	N.	0	36	23	1	0	0	0	0	0	0	8	17	5	8	5	0	0	0	0	0	0	2	0
December	5.4	NE.	27	NW.	0	29	28	1	1	0	0	0	3	0	12	17	2	7	3	0	0	0	0	0	0	1	0
Year	6.0	NE.	32	SE.	0	333	267	37	38	6	6	8	33	2	92	212	61	124	95	0	0	0	0	9	0	77	0

KITTYHAWK, N. C.

[H=8 ft.; h_t=12 ft.; h_r=2 ft.; h_a=30 ft.]

January	15.5	NE.	....	....	....	6	10	1	1	3	4	2	4	0	13	6	12	9	9	0	0	0	0	0	6	0	0
February	12.3	NE.	....	....	....	4	11	1	2	0	3	0	7	0	17	2	9	6	6	2	0	0	1	0	16	0	0
March	14.9	SW.	....	....	....	3	5	0	3	5	10	3	2	0	16	8	7	6	6	0	0	0	0	0	2	0	0
April	16.9	NW.	....	....	....	3	7	2	2	1	7	0	8	0	11	6	13	8	8	0	0	0	0	0	0	0	0
May	12.2	NE.	....	....	....	1	7	1	5	2	6	5	4	0	12	10	9	11	11	0	0	0	0	0	0	3	0
June	12.2	SE.	....	....	....	1	6	3	8	2	7	3	0	0	23	3	4	5	5	0	0	0	0	0	0	1	0
July	14.4	SW.	....	....	....	1	1	2	5	3	12	4	3	0	21	4	6	10	10	0	0	0	0	11	0	2	0
August	10.7	SW.	....	....	....	1	3	2	5	4	7	5	4	0	18	6	7	9	9	0	0	0	0	0	0	0	0
September	16.1	NE.	....	....	....	1	13	1	5	3	4	2	1	0	18	8	4	7	7	0	0	0	0	0	0	0	0
October	13.7	NE.	....	....	....	3	12	3	3	4	2	2	2	0	25	4	2	3	3	0	0	0	0	0	0	0	0
November	14.3	NW.	....	....	....	6	5	1	0	2	2	4	10	0	19	5	6	4	4	0	0	0	0	0	3	0	0
December	15.1	NW.	....	....	....	1	5	1	4	4	6	2	8	0	16	6	9	9	9	1	0	1	1	0	9	1	0
Year	14.0	NE.	....	....	....	31	85	18	48	32	70	32	53	0	209	68	88	87	87	3	0	1	2	11	36	7	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

KNOXVILLE, TENN.

[λ=35° 56′ N.; φ=83° 58′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.				Extremes.			Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.043	29.53	28.60	33.3	41.0	46.8	31.3	39.0	65	21	28	31	82	67	.163	.180	4.31	2.18	6.7	4.2	6.1
February	29.004	29.34	28.67	28.7	39.2	45.8	27.0	36.4	70	17	23	25	79	57	.128	.140	.79	.64	5.7	3.2	4.2
March	28.903	29.32	28.49	40.6	51.1	57.6	37.5	47.6	77	12	34	34	78	55	.211	.214	4.32	1.58	6.7	3.8	5.3
April	28.945	29.36	28.46	46.0	54.9	60.3	42.4	51.4	85	31	40	39	80	61	.249	.245	5.35	1.70	6.0	5.6	5.7
May	28.868	29.07	28.54	58.9	68.6	76.6	54.5	65.6	89	44	53	50	81	57	.403	.376	4.03	2.10	5.4	4.9	4.8
June	28.961	29.14	28.77	69.5	76.8	84.8	64.7	74.8	94	53	65	65	86	68	.625	.623	6.44	2.14	4.9	4.7	4.1
July	28.977	29.14	28.86	74.5	82.4	92.2	69.3	80.8	98	59	67	67	79	60	.674	.657	.69	.48	2.6	4.7	3.5
August	28.955	29.09	28.82	69.2	74.9	84.1	66.3	75.2	97	59	66	67	91	79	.649	.664	10.48	2.87	6.1	6.3	6.1
September	29.007	29.21	28.78	61.3	69.2	78.0	58.2	68.1	88	42	59	60	92	75	.513	.541	4.13	1.34	4.7	3.1	3.8
October	29.124	29.39	28.67	47.5	60.5	71.7	45.1	58.4	82	35	46	49	94	67	.317	.360	1.57	1.04	2.3	1.2	1.8
November	29.098	29.45	28.71	34.5	45.8	53.2	32.4	42.8	73	23	31	32	86	60	.178	.188	1.30	.70	4.4	2.5	4.0
December	29.007	29.37	28.48	30.5	36.6	43.7	26.3	35.0	70	0	29	31	93	82	.178	.191	12.34	3.46	5.9	5.1	6.6
Year	28.986	29.53	28.46	49.5	58.4	66.2	46.2	56.3	98	0	45	46	85	66	.357	.365	55.75	3.46	5.1	4.1	4.7

LA CROSSE, WIS.[a]

[λ=43° 49′ N.; φ=91° 15′ W.]

January	29.251	29.86	28.59	16.7	.....	28.4	12.8	20.6	45	− 5	12	....	81	....	.083	.....	.64	.43	6.1	.....	6.1
February	29.296	29.84	28.77	8.2	.....	22.2	5.6	13.9	34	− 5	4	....	81	....	.051	.....	.64	.37	5.2	.....	4.4
March	29.036	29.44	28.49	26.6	.....	38.5	23.5	31.0	54	− 5	21	....	78	....	.118	.....	2.16	.65	6.8	.....	6.8
April	29.375	29.75	28.68	43.8	.....	61.4	41.6	51.5	86	28	33	....	66	....	.195	.....	1.17	.72	5.0	.....	5.0
May	29.160	29.74	28.76	54.3	.....	71.9	50.5	61.2	88	36	46	....	73	....	.316	.....	3.85	2.20	4.3	.....	4.9
June	29.144	29.40	28.83	64.6	.....	81.6	59.8	70.7	98	42	58	....	80	....	.508	.....	5.31	1.30	5.0	.....	4.5
July	29.178	29.42	28.92	72.5	.....	90.3	68.1	79.2	104	52	63	....	73	....	.587	.....	6.49	2.46	3.5	.....	3.3
August	29.255	29.48	28.98	68.4	.....	83.6	60.5	72.0	92	49	58	....	84	....	.489	.....	.93	.44	3.3	.....	2.9
September	29.240	29.52	28.67	54.0	.....	69.7	51.2	60.4	91	36	49	....	96	....	.363	.....	9.84	3.38	5.3	.....	5.7
October	29.307	29.61	28.95	45.8	.....	61.8	43.5	52.6	82	30	40	....	83	....	.265	.....	2.70	1.23	3.5	.....	4.3
November	29.365	29.72	28.81	28.2	.....	41.4	25.5	33.4	65	12	23	....	79	....	.126	.....	.74	.35	4.5	.....	5.5
December	29.262	29.68	28.77	15.8	.....	24.5	11.6	18.0	40	−23	12	....	82	....	.088	.....	.46	.18	6.5	.....	6.2
Year	29.240	29.86	28.49	41.2	.....	56.3	37.8	47.0	104	−23	35	....	79	....	.266	.....	34.93	3.38	4.9	.....	5.0

LANDER, WYO.

[λ=42° 50′ N.; φ=108° 45′ W.]

January	24.596	24.96	24.16	14.7	29.6	37.6	9.7	23.6	57	−36	7	18	72	62	.063	.100	.16	.14	3.1	3.1	3.5
February	24.621	25.00	24.20	7.3	22.0	30.5	3.2	16.8	58	−18	2	13	77	68	.049	.084	.94	.43	4.1	4.1	4.7
March	24.552	25.00	24.14	24.1	40.2	46.2	21.7	34.0	64	9	18	22	74	51	.094	.115	.38	.14	4.1	5.5	5.5
April	24.597	24.84	24.17	31.6	49.6	54.5	28.6	41.6	77	13	25	27	76	47	.136	.143	3.11	1.22	5.6	6.3	5.8
May	24.589	25.04	24.10	46.7	65.5	70.5	43.8	57.2	86	36	41	42	82	46	.263	.274	3.13	.65	4.8	3.4	5.6
June	24.564	24.87	24.29	48.2	69.7	72.7	43.8	58.2	86	32	42	39	79	37	.266	.246	1.87	.70	5.2	4.4	5.1
July	24.665	24.86	24.48	56.9	84.9	89.7	53.3	71.5	99	37	45	47	66	28	.302	.333	T.	T.	2.0	3.7	3.1
August	24.752	24.89	24.58	54.4	77.4	84.1	51.8	68.0	92	44	45	46	73	36	.304	.320	.58	.26	4.0	5.4	4.4
September	24.613	24.95	24.20	39.7	64.8	70.5	36.9	53.7	85	28	31	36	72	37	.176	.223	.13	.08	3.5	3.7	3.8
October	24.743	25.02	24.35	34.9	53.8	63.0	32.4	47.7	75	24	30	36	80	54	.165	.219	.43	.34	3.5	4.3	4.1
November	24.713	24.95	24.32	24.6	39.6	51.5	20.4	36.0	67	12	20	28	82	64	.106	.151	.22	.15	3.4	2.8	4.3
December	24.637	25.08	24.27	15.5	23.9	34.2	9.2	21.7	57	−24	11	18	84	78	.077	.100	1.87	.90	3.7	4.6	5.2
Year	24.637	25.08	24.10	33.2	51.8	58.8	29.6	44.2	99	−36	26	31	76	51	.167	.192	12.82	1.22	3.9	4.3	4.6

LEWISTON, IDAHO.[a]

[λ=46° 25′ N.; φ=117° 02′ W.]

January	29.272	29.72	28.74	32.0	.....	41.9	29.0	35.4	54	17	27	....	81	....	.147	.....	.94	.31	6.2	.....	6.5
February	29.284	29.62	28.83	34.1	.....	47.7	31.8	39.8	67	17	26	....	73	....	.150	.....	1.44	.77	5.1	.....	5.4
March	29.277	29.85	28.85	39.4	.....	57.0	37.7	47.4	68	30	32	....	75	....	.178	.....	.94	.37	5.5	.....	5.5
April	29.223	29.54	28.86	41.1	.....	63.5	39.5	51.5	77	29	32	....	70	....	.181	.....	.86	.48	5.8	.....	5.4
May	29.124	29.50	28.82	52.0	.....	75.5	51.3	63.4	92	38	45	....	77	....	.302	.....	1.10	.37	5.5	.....	5.9
June	29.157	29.32	28.98	52.3	.....	74.1	51.2	62.6	92	39	43	....	72	....	.281	.....	1.35	.51	5.7	.....	6.0
July	29.101	29.29	28.93	59.0	.....	89.3	58.2	73.8	103	47	45	....	62	....	.307	.....	.63	.63	1.1	.....	1.4
August	29.120	29.27	28.99	62.4	.....	94.9	61.4	78.2	107	53	46	....	56	....	.314	.....	.02	.02	2.1	.....	2.5
September	29.127	29.51	28.66	51.3	.....	71.7	49.6	60.6	86	42	44	....	76	....	.286	.....	1.62	.48	6.0	.....	5.3
October	29.274	29.68	28.83	46.1	.....	71.4	43.9	57.6	80	39	42	....	84	....	.264	.....	.33	.17	2.6	.....	3.6
November	29.278	29.62	28.92	39.0	.....	52.2	36.3	44.2	65	28	35	....	85	....	.204	.....	1.07	.36	4.6	.....	6.6
December	29.391	29.83	28.84	35.1	.....	44.4	31.8	38.1	64	23	30	....	80	....	.165	.....	2.14	.66	5.4	.....	6.7
Year	29.219	29.85	28.66	45.3	.....	65.3	43.5	54.4	107	17	37	....	74	....	.232	.....	12.44	.77	4.6	.....	5.1

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

KNOXVILLE, TENN.

[H=1,004 ft.; h_t=10 ft.; h_r=3 ft.; h_a=88 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	8.0	SW.	40	NW.	1	8	10	4	1	3	21	5	8	2	7	11	13	10	8	1	0	3	2	0	20	0	0
February	9.0	SW.	33	W.	0	10	5	2	1	2	15	8	13	0	14	8	6	4	3	0	0	1	4	0	18	0	0
March	11.4	SW.	46	SW.	4	5	5	4	3	4	27	7	7	0	11	9	11	12	10	0	0	0	1	0	9	4	0
April	8.4	NE.	39	S.	0	9	16	4	1	1	16	2	11	0	12	3	15	13	11	3	0	0	0	0	1	0	0
May	6.1	SW.	30	NW.	0	6	10	4	2	5	13	11	8	3	12	10	9	12	9	0	0	2	0	0	6	6	0
June	5.4	SW.	46	NW.	2	9	10	6	2	4	17	6	6	0	15	9	6	15	12	0	1	0	0	7	0	10	0
July	6.2	SW.	32	W.	0	14	9	2	5	5	19	4	4	0	18	10	3	5	2	0	0	0	0	21	0	5	0
August	5.5	NE.	38	S.	0	10	16	6	2	6	16	2	4	0	6	13	12	22	16	0	0	4	0	2	0	10	0
September	6.1	N.	30	SW.	0	19	17	2	1	5	8	3	3	2	17	6	7	6	6	0	0	7	0	0	0	4	0
October	4.9	NE.	32	S.	0	10	15	6	6	5	6	4	10	0	23	7	1	5	3	0	0	9	0	0	0	0	0
November	6.8	N.	34	NW.	0	15	12	3	1	1	15	5	7	1	14	9	7	3	3	0	0	1	0	0	16	0	0
December	7.3	NE.	42	SW.	2	8	18	2	2	4	12	4	10	2	7	10	14	16	15	4	0	5	7	0	19	1	0
Year	7.1	SW.	46	SW.	9	123	143	45	27	45	185	61	91	10	156	105	104	123	98	8	1	32	14	30	83	40	0

LA CROSSE, WIS.

[H=714 ft.; h_t=70 ft.; h_r= 61 ft.; h_a=78 ft.]

January	8.0	S.	30	W.	0	5	1	0	1	10	3	3	8	0	8	11	12	8	3	8	0	1	22	0	31	0	0
February	6.8	NW.	24	W.	0	4	0	1	3	6	4	4	6	0	12	10	6	4	4	4	0	0	24	0	28	0	0
March	8.7	N.	44	W.	1	7	6	1	2	7	1	4	3	0	7	6	18	14	9	9	0	1	5	0	24	1	0
April	6.8	N.	24	NW.	0	9	5	1	4	8	1	0	2	0	10	13	7	4	4	0	0	0	0	0	5	0	0
May	6.6	N.	30	NW.	0	12	3	0	4	5	0	3	4	0	11	14	6	10	7	0	1	1	0	0	0	5	0
June	6.5	S.	36	SW.	0	0	1	3	4	10	9	0	3	0	9	18	3	13	9	0	1	4	0	6	0	12	0
July	6.3	S.	30	W.	0	5	1	1	6	14	1	2	1	0	16	13	2	12	9	0	0	0	0	17	0	11	0
August	5.0	S.	20	NW.	0	7	2	1	4	11	2	2	2	0	18	11	2	7	4	0	1	3	0	2	0	3	0
September	6.5	S.	28	W.	0	1	3	1	1	13	4	1	5	1	9	9	12	13	12	0	1	4	0	1	0	4	0
October	7.0	S.	25	NW.	0	4	1	0	6	10	3	2	5	0	12	12	7	10	7	0	0	3	0	0	2	3	0
November	7.9	S.	28	S.	0	5	3	0	4	9	2	0	7	0	8	11	11	3	3	2	0	2	5	0	25	0	0
December	6.6	S.	25	N.	0	5	1	0	3	8	5	2	7	0	7	10	14	10	4	10	0	0	18	0	30	0	0
Year	6.9	S.	44	W.	1	64	27	9	42	111	35	28	53	1	127	138	100	108	75	33	6	19	74	26	145	39	0

LANDER, WYO.

[H=5,372 ft.; h_t=28 ft.; h_r=17 ft.; h_a=36 ft.]

January	3.9	SW.	42	W.	1	1	9	3	10	4	23	2	10	0	18	6	7	3	2	2	0	0	8	0	31	0	0
February	2.8	SW.	36	W.	0	1	7	2	3	10	22	1	10	0	12	10	6	6	5	6	0	1	18	0	28	0	0
March	6.0	SW.	36	W.	0	1	10	0	9	2	17	11	12	0	7	16	8	7	4	7	0	0	0	0	27	0	0
April	5.3	SW.	40	SW.	1	5	3	3	5	5	20	7	12	0	8	12	10	8	8	7	0	0	1	0	18	0	0
May	4.7	SW.	30	SE.	0	3	12	4	9	4	17	7	6	0	5	19	7	14	12	6	4	0	0	0	0	7	0
June	4.8	W.	35	SE.	0	2	9	1	1	5	15	15	12	0	10	13	7	7	6	0	0	0	0	0	1	6	0
July	4.3	SW.	36	SW.	0	2	3	5	5	8	19	7	13	0	17	12	2	0	0	0	0	0	0	17	0	2	0
August	4.1	SW.	28	SW.	0	3	3	3	6	8	19	8	7	0	13	13	5	6	4	0	0	0	0	2	0	4	0
September	4.3	SW.	30	NE.	0	2	9	0	1	6	22	13	7	0	13	15	2	3	2	0	1	0	0	0	12	1	0
October	3.2	SW.	34	NW.	0	1	6	3	2	8	31	4	7	0	13	14	4	3	3	0	1	0	0	0	16	0	0
November	3.8	SW.	36	SW.	0	0	4	5	6	12	16	7	10	0	10	17	3	2	2	0	0	0	0	0	29	0	0
December	3.7	SW.	36	SW.	0	5	6	5	11	10	11	5	9	0	6	20	5	8	6	6	0	0	9	0	31	0	0
Year	4.2	SW.	42	W.	2	26	86	34	68	82	232	87	115	0	132	167	66	67	54	30	6	1	36	19	193	20	0

LEWISTON, IDAHO.

[H=757 ft.; h_t=52 ft.; h_r=45 ft.; h_a=61 ft.]

January	.....	E.	36	NW.	0	1	1	10	7	3	6	2	0	1	6	9	16	10	8	7	0	1	4	0	20	0	0
February	.....	E.	30	SW.	0	0	3	16	2	2	1	2	0	2	11	5	12	13	7	3	0	0	0	0	15	0	0
March	.....	E.	33	NW.	0	0	3	13	5	0	0	9	1	0	9	16	6	10	5	1	1	0	0	0	1	0	0
April	.....	E.	40	NW.	1	0	0	18	3	0	2	2	1	4	10	10	10	9	6	2	0	0	0	0	2	0	0
May	.....	E.	24	NW.	0	0	1	18	2	4	0	0	0	6	9	11	11	10	6	0	0	0	0	1	0	3	0
June	.....	E.	37	NW.	0	0	1	19	2	2	1	1	1	3	4	18	8	13	9	0	0	0	0	0	0	3	0
July	.....	E.	28	NW.	0	0	3	26	1	0	0	0	0	1	26	4	1	1	1	0	1	0	0	15	0	3	0
August	.....	E.	27	NW.	0	0	2	24	4	0	0	0	0	1	23	7	1	1	0	0	0	0	0	25	0	1	0
September	.....	E.	26	NW.	0	1	1	12	4	5	2	1	1	3	10	10	10	12	8	0	0	0	0	0	0	1	0
October	.....	SE.	29	NW.	0	1	1	6	9	3	4	3	0	4	16	8	7	4	3	0	1	0	0	0	0	0	0
November	.....	E.	30	W.	0	0	3	9	4	4	5	4	1	0	4	12	14	9	8	0	0	2	0	0	6	1	0
December	.....	E.	34	W.	0	2	3	8	5	4	4	4	1	0	6	8	17	13	9	0	0	0	0	0	16	0	0
Year	.....	E.	40	NW.	1	5	22	179	48	27	25	28	6	25	134	118	113	105	70	13	5	3	4	42	60	12	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

LEXINGTON, KY.[a]

[λ=38° 02′ N.; φ=84° 33′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.012	29.50	28.56	30.5	.....	42.1	26.3	34.2	63	11	26	....	84	....	.151	.....	1.49	.79	6.0	.....	6.2
February	28.995	29.38	28.74	23.7	.....	37.1	21.7	29.4	61	9	20	....	84	....	.111	.....	.62	.33	5.8	.....	5.6
March	28.832	29.25	28.51	38.8	.....	53.4	34.3	43.8	76	4	32	....	78	....	.200	.....	2.23	1.17	7.2	.....	6.0
April	28.950	29.38	28.43	44.2	.....	57.1	40.9	49.0	84	30	37	....	78	....	.225	.....	4.52	2.16	5.3	.....	6.1
May	28.806	29.12	28.57	57.5	.....	72.1	53.5	62.8	87	45	49	....	74	....	.349	.....	2.67	1.39	4.8	.....	4.6
June	28.936	29.15	28.74	69.6	.....	83.4	64.4	73.9	94	46	63	....	80	....	.596	.....	3.70	1.23	4.4	.....	3.9
July	28.954	29.13	28.89	75.2	.....	91.3	69.3	80.3	102	55	66	....	74	....	.643	.....	2.61	1.14	2.0	.....	2.7
August	28.945	29.10	28.84	69.3	.....	82.2	65.8	74.0	92	61	64	....	84	....	.599	.....	3.74	1.09	5.5	.....	5.0
September	29.013	29.24	28.74	61.1	.....	76.4	57.6	67.0	89	40	56	....	83	....	.461	.....	2.18	1.31	3.6	.....	4.2
October	29.113	29.37	28.76	50.3	.....	68.9	46.9	57.9	79	36	42	....	75	....	.282	.....	1.33	.94	2.0	.....	2.8
November	29.089	29.51	28.76	34.5	.....	48.8	31.6	40.2	74	22	28	....	78	....	.157	.....	1.73	.73	4.0	.....	3.9
December	28.980	29.38	28.52	27.4	.....	38.9	23.5	31.2	68	− 8	24	....	86	....	.148	.....	3.50	1.49	6.6	.....	6.8
Year	28.969	29.51	28.43	48.5	.....	62.6	44.6	53.6	102	− 8	42	....	80	....	.327	.....	30.32	2.16	4.8	.....	4.8

LINCOLN, NEBR.

[λ=40° 49′ N.; φ=96° 45′ W.]

January	28.780	29.22	28.27	22.2	30.9	38.5	19.1	28.8	57	− 2	16	20	77	64	.092	.113	.22	.19	3.5	2.3	3.6
February	28.837	29.32	28.36	17.7	27.4	32.6	14.6	23.6	50	− 4	14	18	82	67	.093	.101	.79	.50	4.4	4.3	4.6
March	28.577	29.18	28.01	30.9	40.6	47.6	27.5	37.6	79	10	25	26	77	59	.136	.150	1.73	.68	6.2	5.7	6.0
April	28.769	29.14	28.12	43.3	57.1	61.6	40.9	51.2	90	28	37	39	79	54	.229	.243	1.46	.58	5.9	4.6	4.9
May	28.635	29.20	28.30	54.6	67.4	72.3	50.6	61.4	87	38	47	46	76	51	.328	.328	1.96	1.52	5.0	5.0	5.0
June	28.575	28.94	28.26	67.4	82.5	87.3	62.9	75.1	103	46	58	57	74	45	.506	.484	1.42	.61	4.6	4.3	4.5
July	28.637	28.88	28.35	76.7	92.8	98.5	72.2	85.4	106	62	61	60	61	36	.550	.522	2.94	1.54	2.0	2.9	2.9
August	28.730	28.92	28.57	66.8	83.1	88.6	64.3	76.4	102	55	58	60	75	48	.491	.533	1.02	.50	3.2	2.8	3.3
September	28.692	29.08	28.26	56.9	70.4	76.6	53.9	65.2	93	31	51	54	82	59	.393	.435	6.00	1.69	5.1	3.3	4.1
October	28.807	29.12	28.50	48.1	60.9	66.7	45.7	57.2	88	33	43	47	83	62	.290	.336	3.62	1.57	4.5	3.3	4.2
November	28.861	29.21	28.38	32.7	42.6	51.8	29.8	40.8	67	19	27	31	78	63	.150	.179	.41	.36	3.9	2.6	3.8
December	28.772	29.35	28.16	20.9	26.5	33.5	17.0	25.2	57	−13	17	20	82	75	.103	.120	.52	.20	4.8	5.0	4.9
Year	28.723	29.35	28.01	44.8	56.8	63.1	41.5	52.3	106	−13	38	40	77	57	.279	.295	22.09	1.69	4.4	3.8	4.3

LITTLE ROCK, ARK.

[λ=34° 45′ N.; φ=92° 06′ W.]

January	29.753	30.15	29.24	40.2	50.6	55.7	38.3	47.0	71	23	35	40	81	68	.218	.267	2.11	1.36	5.8	3.7	4.9
February	29.737	30.17	29.23	35.0	45.4	49.7	33.1	41.4	71	22	30	33	82	64	.174	.194	1.71	.85	6.7	5.7	6.4
March	29.557	30.19	28.91	44.2	56.2	61.7	42.0	51.8	81	20	37	42	76	61	.234	.284	4.43	1.99	4.0	4.2	4.1
April	29.659	30.00	29.05	52.2	64.4	69.2	49.4	59.3	91	37	45	48	79	58	.317	.343	4.96	2.03	5.3	5.5	4.1
May	29.496	29.84	29.28	62.5	73.3	78.1	59.5	68.8	90	48	56	58	81	62	.468	.506	2.45	.83	5.0	4.9	4.5
June	29.577	29.76	29.41	73.2	84.8	90.1	69.5	79.6	98	58	67	69	82	60	.668	.708	1.19	.79	2.3	2.9	2.8
July	29.589	29.76	29.43	75.4	87.4	95.3	72.4	83.8	106	65	68	67	79	53	.692	.667	2.90	1.77	3.0	5.2	3.7
August	29.565	29.75	29.31	73.2	85.4	91.2	70.9	81.0	100	65	68	67	85	56	.687	.668	1.38	.78	3.1	4.9	4.3
September	29.636	29.88	29.34	64.3	77.5	82.8	63.0	72.9	93	46	59	59	84	56	.525	.523	7.07	4.68	3.8	3.8	3.3
October	29.767	30.04	29.28	56.0	68.7	75.4	54.3	64.8	85	39	51	51	83	54	.382	.385	1.59	1.04	2.8	2.1	3.0
November	29.808	30.19	29.53	44.1	56.0	62.3	42.5	52.4	78	31	36	37	73	52	.223	.241	2.81	1.43	3.5	2.4	4.3
December	29.704	30.32	29.26	35.0	42.2	48.6	31.0	39.8	71	6	30	30	80	63	.188	.189	4.21	2.55	5.9	5.0	5.3
Year	29.654	30.32	28.91	54.6	66.0	71.7	52.2	61.9	106	6	48	50	80	59	.399	.414	36.81	4.68	4.3	4.2	4.2

LOS ANGELES, CAL.

[λ=34° 03′ N.; φ=118° 15′ W.]

January	29.718	29.93	29.42	49.0	58.1	64.5	45.5	55.0	78	36	37	46	66	67	.233	.320	2.49	.85	4.2	4.4	4.9
February	29.645	29.98	29.24	50.4	61.3	67.1	47.6	57.4	88	34	43	50	78	68	.285	.361	4.38	2.56	3.5	4.2	4.5
March	29.656	29.95	29.46	51.6	65.0	72.0	48.6	60.3	87	40	41	46	70	55	.266	.330	.45	.44	2.7	2.1	2.9
April	29.653	29.80	29.47	48.2	60.1	67.3	46.6	57.0	73	36	44	48	86	67	.294	.344	.68	.68	5.4	2.4	3.9
May	29.581	29.72	29.39	53.5	62.5	68.8	52.1	60.4	76	47	51	53	90	72	.371	.406	1.50	.79	6.9	3.9	5.1
June	29.539	29.66	29.31	56.5	67.2	75.4	55.6	65.5	96	49	52	55	86	66	.395	.428	T.	T.	6.6	1.9	4.2
July	29.498	29.63	29.37	59.2	73.3	81.8	58.2	70.0	88	52	56	59	90	62	.453	.499	T.	T.	4.4	0.6	2.7
August	29.558	29.63	29.43	61.2	73.0	82.9	59.8	71.4	96	49	57	59	89	65	.482	.512	.09	.09	5.5	2.0	3.4
September	29.624	29.63	29.40	55.0	66.9	75.9	53.3	64.6	84	46	52	55	89	66	.387	.428	.03	.02	4.2	0.3	3.7
October	29.623	29.76	29.46	55.5	66.1	75.9	53.6	64.8	97	46	50	57	86	74	.373	.466	1.88	1.79	3.5	2.3	3.6
November	29.710	29.82	29.56	51.8	61.8	72.6	48.6	60.6	85	43	47	54	84	78	.321	.424	.46	.46	2.3	3.0	4.2
December	29.720	30.04	29.47	50.0	61.6	71.9	45.0	58.4	86	31	30	40	50	49	.177	.258	.00	.00	1.2	2.8	2.4
Year	29.619	30.04	29.24	53.5	64.7	73.0	51.2	62.1	97	31	47	52	80	66	.336	.398	11.96	2.55	4.1	2.4	3.8

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

LEXINGTON, KY.

[H=989 ft.; h_t=75 ft.; h_r=68 ft.; h_a=102 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a.m. and 8 p.m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	12.6	S.	43	NW.	1	3	2	0	5	6	4	7	4	0	8	9	14	8	3	2	0	1	6	0	22	0	0
February	12.1	W.	38	NW.	0	0	1	2	3	3	4	5	10	0	8	11	9	8	4	5	0	0	8	0	25	0	0
March	15.3	S.	52	SW.	2	1	1	2	2	9	8	4	3	1	9	10	12	11	6	2	1	0	2	0	13	0	0
April	11.7	NE.	42	NW.	1	3	7	2	5	1	2	4	6	0	10	5	15	11	8	3	0	0	0	0	4	0	0
May	7.9	NW.	37	NW.	0	3	6	1	2	4	8	3	4	0	14	10	7	12	7	0	0	0	0	0	0	2	0
June	7.9	S.	57	NW.	1	2	2	2	5	6	8	2	3	0	13	15	2	14	11	0	1	0	0	7	0	12	0
July	7.9	S.	50	N.	1	1	3	4	1	10	8	4	0	0	23	8	0	7	7	0	0	0	0	17	0	12	0
August	7.4	S.	37	SE.	0	2	3	7	7	6	2	1	2	1	10	16	5	17	14	0	0	0	0	1	0	5	0
September	7.6	SE.	26	NW.	0	4	4	6	6	5	2	1	2	0	13	15	2	7	7	0	0	1	0	0	0	3	0
October	8.4	SW.	37	S.	0	1	2	1	8	9	3	5	2	0	22	7	2	5	3	0	0	1	0	0	0	1	0
November	10.1	NW.	38	NW.	0	1	5	4	3	4	4	3	6	0	15	10	5	5	4	0	0	0	1	0	17	0	0
December	11.2	S.	50	S.	1	0	3	3	2	9	7	2	5	0	4	13	14	16	10	7	0	1	9	0	20	0	0
Year	10.0	S.	57	NW.	7	21	39	34	49	72	60	41	47	2	149	129	87	121	84	19	2	4	26	25	101	35	0

LINCOLN, NEBR.

[H=1,189 ft.; h_t=75 ft.; h_r=4 ft.; h_a=84 ft.]

January	11.1	N.	46	NW.	1	15	3	1	7	13	8	2	12	1	17	9	5	3	1	2	0	0	9	0	28	0	0
February	10.9	NW.	36	N.	0	9	5	3	3	11	5	2	17	1	12	8	8	5	4	5	0	0	15	0	27	0	0
March	15.5	NW.	48	NW.	6	12	7	1	9	9	5	2	17	0	11	7	13	8	8	5	0	0	1	0	19	0	0
April	12.6	SE.	60	N.	1	9	7	10	16	11	1	0	6	0	12	9	9	8	5	1	0	0	0	0	6	1	0
May	10.6	NE.	45	SW.	1	10	17	3	14	5	3	3	7	0	13	8	10	6	4	0	1	1	0	0	0	3	0
June	12.1	SE.	37	E.	0	3	4	6	21	16	5	3	1	1	12	12	6	10	7	0	0	0	0	12	0	11	0
July	10.0	SE.	42	W.	2	1	4	4	26	22	1	0	4	0	19	11	1	7	6	0	0	0	0	27	0	8	0
August	7.8	SE.	40	SE.	1	5	18	3	24	5	1	0	4	2	20	8	3	9	4	0	0	0	0	14	0	9	0
September	10.7	SE.	48	NW.	1	9	5	4	20	9	1	5	6	1	13	12	5	13	12	0	2	0	0	3	1	9	0
October	10.0	SE.	36	SE.	0	10	7	2	11	10	8	5	7	2	14	12	5	10	8	0	0	0	0	0	0	6	0
November	10.1	N.	39	NW.	0	15	2	9	7	9	5	4	8	1	15	10	5	3	2	0	0	0	1	0	17	0	0
December	11.1	N.	42	NW.	1	16	7	2	4	11	3	6	13	0	12	9	10	6	5	5	0	0	11	0	28	0	0
Year	11.0	SE.	60	N.	14	114	86	48	162	131	46	32	102	9	170	115	80	88	66	18	3	1	37	56	126	47	0

LITTLE ROCK, ARK.

[H=357 ft.; h_t=93 ft.; h_r=85 ft.; h_a=100 ft.]

January	8.7	NW.	36	NW.	0	5	5	4	7	7	14	7	13	0	12	11	8	7	6	0	0	0	0	0	9	0	0
February	8.4	NW.	30	NW.	0	6	14	3	0	5	11	3	14	0	5	13	10	8	6	1	0	2	0	0	11	1	0
March	11.9	NW.	38	NW.	0	3	4	2	5	14	8	10	16	0	17	6	8	10	6	0	2	0	0	0	5	4	0
April	8.6	NW.	40	SW.	1	6	11	6	9	4	2	7	15	0	15	8	7	7	7	0	2	0	0	1	0	2	0
May	7.2	NW.	40	NW.	1	0	15	2	7	11	6	11	9	1	11	14	6	8	7	0	0	0	0	0	0	4	0
June	6.0	S.	30	NW.	0	2	6	4	10	15	13	3	6	1	21	9	0	3	2	0	0	0	0	17	0	4	0
July	5.9	SW.	48	NW.	2	1	5	3	11	12	16	4	9	1	15	11	5	10	7	0	0	0	0	25	0	13	0
August	5.2	NE.	48	NE.	1	3	11	3	10	7	11	9	7	1	11	16	4	5	3	0	1	3	0	19	0	6	0
September	5.6	NE.	36	S.	0	3	14	5	19	8	2	1	8	0	20	6	4	8	8	0	0	0	0	6	0	3	0
October	5.1	NW.	28	NW.	0	8	5	5	9	10	4	8	10	3	21	3	7	4	4	0	0	1	0	0	0	0	0
November	6.8	NW.	39	NW.	0	7	6	3	4	9	11	5	15	0	16	7	7	5	5	0	1	0	0	0	1	3	0
December	8.8	NW.	40	NW.	1	12	4	3	15	7	5	3	13	0	13	5	13	8	6	1	0	1	6	0	9	3	0
Year	7.4	NW.	48	NW.	6	56	100	43	106	109	103	71	135	7	177	109	79	83	67	2	6	7	6	68	35	43	0

LOS ANGELES, CAL.

[H=338 ft.; h_t=74 ft.; h_r=66 ft.; h_a=82 ft.]

January	4.3	NE.	18	E.	0	8	19	7	4	2	3	11	7	1	10	14	7	8	7	0	0	0	0	0	0	0	0
February	4.6	W.	23	SW.	0	5	11	4	4	5	8	12	5	2	9	14	5	9	8	0	1	0	0	0	0	0	0
March	5.5	W.	24	NW.	0	6	17	2	1	2	6	21	6	1	13	17	1	2	1	0	0	0	0	0	0	0	0
April	4.9	W.	21	SW.	0	5	12	3	2	0	12	23	2	1	9	18	3	2	2	0	0	4	0	0	0	0	0
May	4.6	W.	17	E.	0	3	6	7	4	1	9	32	0	0	5	21	5	5	3	0	0	1	0	0	0	1	0
June	4.7	W.	14	W.	0	1	4	3	5	5	8	27	3	4	6	21	3	0	0	0	0	2	0	2	0	0	0
July	4.7	W.	16	S.	0	1	0	2	7	3	8	38	1	2	12	18	1	0	0	0	0	3	0	0	0	0	0
August	4.7	W.	15	W.	0	2	2	3	1	0	14	38	1	1	10	21	0	1	1	0	0	1	0	3	0	0	0
September	4.3	W.	15	W.	0	3	6	0	7	2	8	33	0	1	13	15	2	2	0	0	0	3	0	0	0	0	0
October	4.0	W.	18	W.	0	3	11	2	3	2	5	33	2	1	13	15	3	2	2	0	0	4	0	2	0	0	0
November	3.3	W.	14	W.	0	7	14	4	0	1	1	29	3	1	7	21	2	1	1	0	0	5	0	0	0	0	0
December	4.1	NE.	18	NW.	0	8	18	4	1	1	5	15	8	2	19	11	1	0	0	0	0	2	0	0	1	0	0
Year	4.5	W.	24	NW.	0	52	120	41	39	24	87	312	38	17	126	206	33	32	25	0	2	25	0	7	1	1	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

LOUISVILLE, KY.

[λ=38° 15′ N.; φ=85° 45′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.531	30.08	29.11	32.3	38.1	44.5	27.6	36.0	66	14	27	28	81	66	.157	.157	.98	.32	5.9	5.4	5.9
February	29.519	29.95	29.00	26.0	33.7	39.1	23.9	31.5	65	12	21	24	79	68	.112	.136	1.16	.81	5.1	4.5	5.3
March	29.343	29.78	28.86	41.1	48.4	56.0	37.5	46.8	79	9	33	34	72	61	.201	.206	3.59	1.20	7.2	6.7	6.3
April	29.476	29.88	28.76	45.1	55.5	60.4	43.0	51.7	87	33	38	38	78	57	.239	.241	2.49	.79	6.2	5.8	6.6
May	29.303	29.61	29.01	58.5	68.0	73.9	54.8	64.4	90	45	50	49	75	55	.368	.360	2.45	.74	5.5	5.4	5.4
June	29.413	29.62	29.23	71.0	79.8	86.7	67.0	76.8	98	52	63	63	78	59	.598	.598	4.12	1.79	6.3	4.6	4.2
July	29.421	29.61	29.28	77.1	88.4	95.2	73.1	84.2	107	59	66	64	68	46	.639	.604	2.85	2.33	2.0	2.4	2.0
August	29.421	29.60	29.22	70.4	80.2	87.6	68.0	77.8	97	62	64	63	80	59	.593	.583	2.86	1.17	4.6	5.2	4.8
September	29.497	29.76	29.16	61.1	73.4	80.5	59.4	70.0	93	42	56	56	84	57	.464	.466	2.78	1.31	3.8	2.5	3.5
October	29.600	29.86	28.84	50.0	63.7	71.7	47.9	59.8	83	35	45	48	85	58	.313	.352	.49	.39	2.3	1.9	2.6
November	29.611	30.04	29.29	36.5	44.5	51.5	33.6	42.6	72	24	31	33	80	65	.178	.195	1.17	.51	4.5	2.1	3.4
December	29.508	29.94	29.01	28.8	34.0	40.0	24.8	32.4	67	— 7	26	28	87	79	.158	.178	4.59	2.21	7.6	5.7	6.3
Year	29.470	30.04	28.76	49.8	59.0	65.6	46.7	56.2	107	— 7	43	44	79	61	.335	.340	29.53	2.33	4.9	4.4	4.7

LYNCHBURG, VA.

[λ=37° 25′ N.; φ=79° 09′ W.]

January	29.294	29.98	28.65	33.0	39.5	47.1	29.5	38.3	68	16	25	29	71	65	.142	.169	3.59	2.11	4.4	2.5	4.4
February	29.286	29.61	28.93	28.6	36.6	43.1	25.7	34.4	65	16	19	22	66	54	.103	.117	.78	.52	3.2	2.5	3.8
March	29.189	29.64	28.56	42.2	50.9	58.4	36.8	47.6	72	14	32	34	69	54	.198	.211	3.66	1.50	4.2	3.3	4.9
April	29.209	29.72	28.62	47.4	54.6	61.5	42.3	51.9	87	34	36	36	68	54	.223	.218	5.98	1.90	5.1	5.3	5.3
May	29.118	29.47	28.84	61.1	67.7	75.4	54.4	64.9	90	42	52	53	73	64	.393	.416	5.34	2.67	5.2	5.9	5.8
June	29.277	29.47	29.04	69.9	74.6	83.5	63.5	73.5	96	54	63	64	78	71	.578	.610	4.93	1.68	4.6	6.5	5.5
July	29.252	29.44	29.09	75.9	78.9	89.5	70.4	80.0	97	64	69	70	79	75	.706	.730	4.33	1.28	4.3	5.3	4.6
August	29.292	29.44	29.16	70.8	74.8	84.0	66.4	75.2	92	60	67	68	87	79	.655	.676	12.36	3.30	5.6	6.0	5.9
September	29.337	29.68	29.04	62.6	67.8	77.4	58.3	67.8	90	43	57	62	83	83	.485	.573	8.17	1.45	3.5	3.2	4.1
October	29.431	29.79	28.94	48.8	57.5	70.8	43.3	57.0	84	32	43	47	82	71	.292	.338	.48	.47	2.4	0.6	2.3
November	29.333	29.70	28.77	35.0	43.7	51.9	31.5	41.7	76	22	27	30	74	60	.154	.172	1.47	1.32	2.5	2.7	3.9
December	29.321	29.72	28.75	30.0	37.4	45.9	26.0	36.0	69	8	25	29	82	72	.152	.179	8.72	3.88	4.5	3.7	4.8
Year	29.274	29.98	28.58	50.4	57.0	65.7	45.7	55.7	97	8	43	45	76	67	.340	.367	54.81	3.88	4.1	4.0	4.6

MACON, GA.[a]

[λ=32° 50′ N.; φ=83° 38′ W.]

January	29.715	30.26	29.24	40.4	.....	57.0	37.1	47.0	72	28	36	....	82	....	.225	.....	3.53	.88	5.2	.....	4.4
February	29.676	29.95	29.40	37.2	.....	54.0	35.0	44.5	69	18	32	....	83	....	.191	.....	3.91	1.54	6.0	.....	4.1
March	29.614	30.10	29.12	47.5	.....	64.9	44.3	54.6	80	20	43	....	85	....	.623	.....	6.94	2.92	5.3	.....	5.1
April	29.582	30.02	29.24	52.0	.....	67.9	47.3	57.6	85	40	46	....	80	....	.312	.....	3.86	2.45	3.2	.....	5.0
May	29.458	29.66	29.20	65.6	.....	83.3	60.0	71.6	92	50	61	....	86	....	.545	.....	2.85	1.26	3.6	.....	5.4
June	29.608	29.78	29.47	73.9	.....	87.6	68.4	78.0	97	58	70	....	87	....	.727	.....	3.82	1.20	4.4	.....	5.5
July	29.618	29.77	29.46	76.8	.....	92.1	72.4	82.2	101	68	72	....	85	....	.781	.....	1.15	.50	3.9	.....	5.5
August	29.605	29.72	29.52	73.9	.....	87.5	70.3	78.9	93	64	71	....	90	....	.752	.....	3.95	1.21	6.1	.....	5.8
September	29.632	29.79	29.45	67.6	.....	82.5	63.8	73.2	92	54	64	....	88	....	.604	.....	4.64	2.57	4.8	.....	4.4
October	29.764	29.99	29.38	54.7	.....	74.1	51.0	62.6	82	41	50	....	84	....	.370	.....	1.59	1.07	1.8	.....	2.1
November	29.752	30.04	29.40	41.3	.....	60.7	37.8	49.2	78	22	36	....	83	....	.228	.....	.42	.38	4.3	.....	3.6
December	29.690	30.04	29.06	38.3	.....	53.2	34.0	43.6	71	11	35	....	87	....	.231	.....	5.37	2.22	5.3	.....	5.8
Year	29.643	30.26	29.06	55.8	.....	72.1	51.8	61.9	101	11	51	....	85	....	.466	.....	42.03	2.92	4.4	.....	4.7

MARQUETTE, MICH.

[λ=46° 34′ N.; φ=87° 24′ W.]

January	29.151	29.81	28.80	16.7	19.1	24.4	13.1	18.8	40	— 6	14	17	89	91	.087	.097	2.08	.44	8.1	7.1	7.7
February	29.195	29.72	28.79	9.8	15.3	18.5	8.1	13.3	36	— 1	8	13	90	92	.059	.078	.83	.20	6.7	5.2	6.8
March	29.075	29.46	28.14	22.0	24.8	28.6	18.7	23.6	42	— 8	19	22	88	89	.108	.121	2.72	.93	7.5	6.0	7.3
April	29.371	29.79	28.90	39.5	42.6	49.3	35.0	42.2	80	27	32	33	74	70	.182	.192	1.14	.78	5.0	4.7	5.0
May	29.162	29.72	28.79	47.6	50.1	55.6	42.8	49.2	74	36	42	42	83	75	.276	.270	4.84	1.80	4.7	4.5	5.6
June	29.118	29.42	28.70	59.3	61.0	67.9	53.0	60.4	98	40	54	54	84	81	.436	.444	3.89	.98	5.5	6.2	5.8
July	29.157	29.40	28.77	65.3	67.1	76.0	59.9	68.0	108	50	57	58	77	76	.473	.498	5.96	1.54	5.2	5.1	6.2
August	29.222	29.47	28.91	64.4	66.8	71.6	59.8	65.7	84	52	57	59	77	76	.469	.504	2.81	1.14	4.2	3.1	4.2
September	29.213	29.65	28.53	55.4	57.9	64.0	51.0	57.5	86	37	48	51	79	78	.350	.384	4.44	1.70	6.3	5.6	6.6
October	29.219	29.61	28.78	45.6	48.4	56.0	41.5	48.8	81	29	38	38	77	70	.243	.240	3.12	.74	6.7	4.1	6.2
November	29.252	29.70	28.78	30.2	31.8	36.5	27.3	31.9	56	18	25	26	80	78	.135	.140	3.82	.57	8.3	7.5	8.4
December	29.158	29.59	28.46	19.3	21.7	25.8	16.1	21.0	41	— 9	15	16	81	78	.093	.099	2.04	.43	6.3	7.3	8.1
Year	29.191	29.81	28.14	39.6	42.2	47.8	35.5	41.7	108	— 9	34	36	82	80	.243	.256	37.19	1.80	6.4	5.5	6.5

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

LOUISVILLE, KY.

[H=525 ft.; h_t=114 ft.; h_r=107 ft.; h_a=136 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.6	SW.	35	NW.	0	8	4	4	4	12	11	7	12	0	8	8	15	7	5	3	0	0	3	0	20	0	0
February	9.6	NW.	40	NW.	1	4	4	9	2	0	6	15	16	0	10	8	10	9	5	6	1	0	5	0	25	1	0
March	12.4	SW.	45	SW.	1	4	2	3	8	9	15	14	7	0	10	4	17	11	7	3	0	0	0	0	7	2	0
April	9.2	N.	36	SW.	0	17	11	7	3	1	3	9	9	0	9	4	17	11	11	1	0	2	0	0	0	2	0
May	7.0	SW.	31	SW.	0	15	4	1	2	10	15	7	7	1	11	9	11	11	8	0	0	0	0	0	0	4	0
June	6.6	S.	35	NW.	0	13	6	3	9	12	9	3	3	2	15	7	8	13	6	0	0	1	0	12	0	10	0
July	6.0	S.	30	W.	0	4	9	6	5	16	11	4	5	2	24	6	1	4	3	0	0	0	0	26	0	7	0
August	6.8	S.	30	N.	0	16	6	3	17	11	4	2	2	1	13	9	9	7	7	0	0	0	0	9	0	5	0
September	6.5	N.	29	NW.	0	18	4	10	8	6	3	3	7	1	17	11	2	9	6	0	0	0	0	3	0	2	0
October	6.4	S.	34	SE.	0	5	6	1	15	9	11	8	6	1	22	7	2	4	3	0	0	2	0	0	0	1	0
November	7.9	SE.	32	W.	0	8	3	5	11	4	9	12	8	0	19	4	7	5	5	0	0	0	0	0	13	0	0
December	8.7	S.	34	SE.	0	8	7	3	9	14	8	4	9	0	7	11	13	12	7	5	0	0	8	0	17	0	0
Year	8.1	S.	45	SW.	2	120	66	55	93	104	105	88	91	8	165	88	112	103	73	18	1	5	16	50	82	34	0

LYNCHBURG, VA.

[H=681 ft.; h_t=83 ft.; h_r=76 ft.; h_a=88 ft.]

January	4.9	NW.	32	NW.	0	1	5	2	1	4	18	8	18	5	14	10	7	6	6	2	0	1	1	0	21	0	0
February	6.3	NW.	30	NW.	0	0	4	0	2	2	11	11	25	1	16	8	4	4	3	1	0	0	2	0	23	0	0
March	6.2	NW.	34	NW.	0	1	0	1	3	8	14	11	19	5	12	11	8	8	6	0	0	1	1	0	7	3	0
April	7.0	NW.	30	W.	0	2	11	6	7	2	2	13	16	1	12	5	13	10	9	0	0	1	0	0	0	0	0
May	3.9	NE.	24	NW.	0	6	13	9	10	5	6	7	6	0	9	11	11	14	11	0	0	0	0	0	0	4	0
June	3.4	SW.	30	NW.	0	2	4	11	3	7	10	11	11	1	8	13	9	14	11	0	0	0	0	7	0	9	0
July	3.6	SW.	24	NW.	0	1	7	8	7	3	22	10	4	0	10	16	5	9	9	0	0	0	0	17	0	10	0
August	3.0	SE.	21	NE.	0	1	12	9	14	7	6	10	3	0	7	14	10	17	13	0	0	0	0	4	0	10	0
September	3.1	NE.	22	NW.	0	1	19	8	4	2	4	3	9	10	13	12	5	10	8	0	0	0	0	1	0	2	0
October	3.0	NW.	20	NW.	0	0	12	5	5	6	5	2	13	14	24	6	1	2	1	0	0	2	0	0	0	0	0
November	5.0	NW.	28	NW.	0	1	3	3	0	3	5	3	30	12	18	6	6	4	2	0	0	1	0	0	15	0	0
December	4.5	NW.	34	NW.	0	3	6	5	3	11	9	5	17	3	15	7	9	13	12	2	0	0	6	0	20	0	0
Year	4.5	NW.	34	NW.	0	19	96	67	59	60	112	94	171	52	158	119	88	111	91	5	0	6	10	29	86	38	0

MACON, GA.

[H=370 ft.; h_t=93 ft.; h_r=86 ft.; h_a=99 ft.]

January	7.3	NW.	38	NW.	0	4	4	1	1	3	3	4	9	2	12	11	8	9	9	0	0	1	0	0	9	0	0
February	7.3	NW.	30	NW.	0	4	1	0	1	2	3	3	14	0	11	13	4	10	8	1	0	0	0	0	9	1	0
March	8.6	NW.	35	NW.	0	1	0	1	1	9	4	7	7	1	14	3	14	10	8	0	0	0	0	0	4	6	0
April	8.4	NW.	38	NW.	0	4	2	3	4	0	3	3	11	0	15	2	13	7	4	0	0	0	0	0	0	1	0
May	5.4	NW.	40	NW.	1	3	0	3	3	3	7	3	9	0	10	9	12	11	9	0	0	0	0	4	0	10	0
June	4.5	S.	36	NW.	0	4	5	3	2	9	3	2	2	0	9	12	9	13	10	0	0	0	0	9	0	8	0
July	5.0	S.	45	SW.	1	6	2	2	5	10	3	0	3	0	7	16	8	5	4	0	0	0	0	25	0	12	0
August	4.8	S.	38	S.	0	5	2	5	8	8	1	1	1	0	8	12	11	18	12	0	0	1	0	8	0	10	0
September	6.2	NE.	36	S.	0	12	6	2	0	6	1	1	2	0	16	5	9	8	6	0	0	1	0	4	0	4	0
October	6.1	N.	24	NE.	0	17	7	1	1	0	0	2	2	1	24	1	6	4	3	0	0	0	0	0	0	3	0
November	6.2	NW.	26	NW.	0	10	2	1	0	0	3	4	8	2	16	6	8	4	1	0	0	0	0	0	8	0	0
December	7.2	NW.	28	SW.	0	5	6	2	1	6	1	3	7	0	10	5	16	12	9	1	0	1	3	0	10	0	0
Year	6.4	NW.	45	SW.	2	75	37	24	27	56	32	33	75	6	152	95	118	111	83	2	0	4	3	50	40	55	0

MARQUETTE, MICH.

[H=734 ft.; H_1=709 ft.; h_t=79 ft.; h_r=69 ft.; h_a=116 ft.]

January	13.4	NW.	43	SW.	2	1	2	0	3	11	11	14	20	0	4	5	22	16	11	16	0	0	22	0	31	0	0
February	10.8	W.	36	NW.	0	0	0	2	5	2	6	26	15	0	6	9	14	17	7	17	0	0	27	0	28	0	0
March	12.4	NE.	62	W.	2	7	14	5	4	0	5	12	15	0	4	8	19	17	11	14	0	1	21	0	29	0	0
April	8.8	NW.	38	SW.	0	1	3	3	5	4	6	5	32	1	12	8	10	5	3	1	0	0	1	0	10	1	0
May	9.2	NW.	32	NW.	0	10	2	3	6	4	0	3	34	0	10	10	11	12	10	1	0	4	0	0	0	4	0
June	8.7	SE.	44	W.	3	8	2	4	11	8	7	7	13	0	7	11	12	16	13	0	0	2	0	0	0	7	0
July	9.0	NW.	68	SW.	1	3	4	6	9	5	8	6	21	0	7	11	13	11	10	0	0	5	0	0	0	3	0
August	9.2	NW.	33	SW.	0	6	2	8	6	6	9	7	18	0	17	8	6	12	5	0	0	0	0	0	0	3	0
September	11.4	SW.	43	S.	3	5	5	4	7	5	14	6	14	0	6	7	17	14	7	0	0	0	0	0	0	2	0
October	12.6	NW.	42	SW.	3	4	4	2	3	8	12	14	15	0	5	15	11	15	14	3	0	0	0	0	2	0	0
November	12.9	NW.	41	NW.	1	3	2	0	4	8	7	15	21	0	1	9	20	19	15	17	0	0	8	0	23	0	0
December	11.8	NW.	39	NW.	0	1	1	0	4	11	10	18	17	0	2	7	22	16	13	16	0	0	19	0	31	0	0
Year	10.8	NW.	68	SW.	15	49	41	37	67	72	95	133	235	1	80	108	177	170	119	85	0	13	97	6	154	20	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

MEMPHIS, TENN.

[λ=35° 09′ N.; φ=90° 03′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.717	30.11	29.30	41.0	49.1	53.8	39.0	46.4	69	24	33	36	67	62	.200	.228	3.42	1.49	4.5	3.5	5.1
February	29.705	30.14	29.27	35.2	45.0	48.8	34.3	41.6	72	21	28	34	74	65	.158	.202	1.95	1.06	5.0	5.2	6.6
March	29.535	30.13	28.98	45.5	55.6	60.3	43.1	51.7	78	21	40	44	80	67	.259	.303	3.48	2.01	3.6	4.0	4.6
April	29.629	29.96	29.10	52.6	62.5	67.7	50.4	59.0	90	38	43	47	70	59	.285	.331	1.60	.90	5.2	3.9	5.0
May	29.472	29.76	29.25	63.1	72.3	77.2	60.2	68.7	92	48	53	54	72	57	.418	.432	2.00	.63	5.1	3.7	5.8
June	29.560	29.78	29.41	74.9	84.7	89.7	70.9	80.3	98	56	66	66	74	55	.638	.644	1.82	.99	1.7	3.1	3.7
July	29.564	29.75	29.42	77.6	88.2	94.1	74.3	84.2	104	62	68	65	72	49	.684	.633	.45	.34	2.0	2.8	3.0
August	29.538	29.72	29.10	73.3	82.1	87.5	71.0	79.2	102	63	69	69	87	66	.711	.710	6.78	4.03	3.5	3.6	5.2
September	29.625	29.85	29.34	65.4	75.5	80.4	64.3	72.4	91	46	60	63	84	65	.539	.583	5.56	4.66	2.9	2.9	3.3
October	29.741	29.98	29.16	56.6	68.1	74.2	55.4	64.8	86	44	50	52	78	59	.369	.403	1.57	1.22	1.9	1.8	2.6
November	29.779	30.14	29.49	43.6	54.1	59.6	41.8	50.7	77	30	36	38	75	56	.227	.240	1.52	.47	3.0	1.7	3.1
December	29.680	30.25	29.22	33.8	40.1	45.7	30.0	37.8	70	2	28	30	80	69	.177	.195	4.43	2.10	6.4	5.0	5.7
Year	29.629	30.25	28.98	55.2	64.8	69.9	52.9	61.4	104	2	48	50	76	61	.389	.409	34.58	4.66	3.7	3.4	4.5

MERIDIAN, MISS.[a]

[λ = 32° 21′ N.; φ = 88° 40′ W.]

January	29.740	30.17	29.34	41.8	.....	59.0	37.5	48.2	71	26	37	....	84	....	.244	.....	3.86	2.22	5.9	.....	4.7
February	29.710	30.08	29.37	38.7	.....	54.4	36.0	45.2	72	18	34	....	82	....	.206	.....	4.35	1.73	6.6	.....	6.1
March	29.595	30.10	29.20	47.1	.....	66.6	44.5	55.6	80	23	41	....	77	....	.284	.....	4.39	1.93	3.8	.....	3.4
April	29.627	29.96	29.32	51.1	.....	70.8	47.4	59.1	87	38	44	....	77	....	.297	.....	4.97	2.76	5.1	.....	4.4
May	29.487	29.74	29.26	62.7	.....	81.5	57.5	69.5	90	46	57	....	82	....	.474	.....	4.35	2.27	4.1	.....	3.9
June	29.589	29.74	29.46	73.4	.....	89.6	67.6	78.6	98	58	68	....	82	....	.676	.....	2.69	1.31	3.4	.....	3.3
July	29.599	29.76	29.54	74.8	.....	93.4	69.6	81.5	104	62	69	....	82	....	.706	.....	2.94	1.20	2.9	.....	3.4
August	29.555	29.71	29.19	72.6	.....	88.4	69.0	78.7	97	63	69	....	89	....	.715	.....	6.55	3.76	4.2	.....	4.8
September	29.619	29.75	29.49	65.1	.....	82.3	62.0	72.2	91	44	62	....	90	....	.573	.....	1.90	1.34	4.2	.....	4.9
October	29.754	29.97	29.33	51.9	.....	76.2	49.4	62.8	86	36	48	....	87	....	.346	.....	1.08	.63	2.1	.....	2.4
November	29.792	30.10	29.56	39.7	.....	62.3	36.8	49.6	79	23	36	....	87	....	.226	.....	1.97	.91	4.0	.....	3.9
December	29.677	30.21	29.16	37.3	.....	53.5	33.2	43.4	72	10	33	....	84	....	.225	.....	8.58	2.79	6.1	.....	6.3
Year	29.645	30.21	29.16	54.7	.....	73.2	50.9	62.0	104	10	50	....	84	....	.414	.....	47.63	3.76	4.4	.....	4.3

MILES CITY, MONT.

[λ = 46° 25′ N.; φ = 105° 49′ W.]

January	27.454	27.89	26.92	13.0	24.5	33.0	10.3	21.6	54	−18	11	20	93	85	.079	.120	.12	.08	2.5	3.0	2.9
February	27.571	28.02	26.98	8.2	21.9	28.5	6.6	17.6	68	−20	7	20	97	90	.052	.123	.44	.14	3.6	4.0	4.1
March	27.407	28.05	26.95	24.3	40.1	47.7	23.5	35.6	72	2	22	34	92	81	.121	.206	.60	.30	3.6	4.4	4.0
April	27.447	27.79	26.94	37.4	54.9	60.8	36.4	48.6	90	20	33	46	85	73	.193	.324	.56	.22	4.7	4.6	4.8
May	27.347	27.89	26.86	57.4	74.2	82.3	52.8	67.6	100	32	50	62	77	69	.372	.586	1.40	.68	3.1	3.7	3.5
June	27.356	27.66	26.98	54.5	68.6	73.7	51.3	62.5	90	38	48	61	82	77	.349	.563	3.94	1.30	4.4	5.7	5.1
July	27.366	27.58	27.13	67.4	88.3	92.7	64.1	78.4	111	48	61	75	82	66	.549	.861	3.54	1.14	2.0	2.6	2.4
August	27.486	27.70	27.20	61.0	83.2	86.9	59.4	73.2	100	50	55	73	83	73	.444	.826	.76	.70	2.8	3.0	3.1
September	27.431	27.86	26.84	47.4	61.1	66.2	46.3	56.2	96	32	44	56	90	85	.299	.482	1.39	.64	5.7	5.2	5.6
October	27.517	27.82	26.98	38.4	59.6	66.6	37.7	52.2	76	26	35	52	88	78	.204	.404	.08	.06	2.7	2.1	2.8
November	27.512	27.89	27.00	26.8	41.4	49.3	25.3	37.3	66	14	25	37	96	86	.136	.223	.42	.32	2.9	3.3	3.2
December	27.483	27.99	27.02	20.0	25.7	33.2	15.2	24.2	52	−24	18	23	93	90	.110	.136	.65	.30	4.8	3.0	3.9
Year	27.448	28.05	26.84	38.0	53.6	60.1	35.7	47.9	111	−24	34	47	88	79	.292	.404	13.90	1.30	3.5	3.7	3.8

MILWAUKEE, WIS.

[λ=43° 02′ N.; φ=87° 54′ W.]

January	29.267	29.94	28.60	21.9	25.1	30.2	16.8	23.5	49	− 8	15	20	74	81	.096	.114	1.33	.54	7.2	6.0	6.7
February	29.307	29.82	28.82	11.9	19.3	23.4	9.9	16.6	32	− 2	6	13	76	74	.059	.080	1.92	.88	4.5	2.6	4.6
March	29.087	29.50	28.56	29.1	32.2	39.0	25.7	32.4	53	0	25	28	83	84	.139	.159	3.62	1.18	7.2	6.7	8.2
April	29.322	29.80	28.71	43.1	46.8	53.4	39.5	46.4	83	30	34	37	72	71	.199	.224	.47	.26	5.4	5.2	5.4
May	29.185	29.63	28.79	49.4	54.0	62.0	45.4	53.7	86	40	42	43	78	68	.271	.282	1.75	.77	5.4	6.6	7.2
June	29.219	29.47	28.94	62.7	68.0	76.2	56.5	66.4	94	48	55	56	77	68	.450	.466	1.12	.44	4.5	5.3	5.7
July	29.225	29.48	28.96	72.3	76.2	83.9	65.5	74.7	100	54	63	62	74	63	.386	.565	2.03	.80	3.4	4.0	3.8
August	29.303	29.51	29.03	67.1	70.9	78.6	63.3	71.0	89	56	62	62	84	75	.555	.570	1.50	.63	5.5	5.4	6.1
September	29.307	29.60	28.82	57.0	63.4	70.4	55.2	62.8	88	38	53	56	88	78	.418	.463	1.86	.78	3.6	5.0	5.5
October	29.358	29.69	28.87	48.6	55.2	63.2	45.9	54.6	83	32	45	45	87	70	.306	.311	.65	.38	4.8	2.8	5.7
November	29.377	29.82	28.90	32.5	37.7	43.0	29.4	36.2	65	17	29	28	86	69	.161	.157	.75	.28	6.1	5.3	7.0
December	29.285	29.67	28.75	20.3	23.9	28.3	16.6	22.4	54	−14	18	18	90	76	.115	.110	1.69	1.15	6.8	6.6	7.2
Year	29.277	29.94	28.56	43.0	47.7	54.3	39.1	46.7	100	−14	37	39	81	73	.280	.292	18.69	1.18	5.4	5.0	6.1

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

MEMPHIS, TENN.

[H=397 ft.; h_t=140 ft.; h_r=134 ft.; h_a=154 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	11.3	NW.	42	NW.	2	10	5	1	8	14	9	3	12	0	13	9	9	6	6	0	0	0	0	0	7	1	0
February	10.7	NW.	48	W.	1	11	13	1	3	6	7	4	11	0	5	12	11	6	6	0	0	2	0	0	9	2	0
March	15.6	S.	75	SW.	5	1	5	2	8	15	8	11	12	0	13	9	9	9	8	0	0	1	0	0	3	4	0
April	11.4	NE.	52	SW.	1	9	18	5	9	1	5	7	5	1	11	10	9	8	6	0	0	0	0	0	0	2	0
May	8.1	NW.	47	W.	1	7	10	2	6	7	14	4	12	0	9	10	12	10	7	0	0	0	0	1	0	6	0
June	7.3	SW.	48	NW.	1	5	5	4	1	19	13	7	4	2	16	12	2	4	4	0	1	0	0	15	0	5	0
July	7.4	SW.	34	S.	0	4	7	2	6	13	13	8	7	2	19	11	1	3	3	0	0	0	0	25	0	4	0
August	7.5	SW.	39	NW.	0	10	11	8	4	9	11	4	4	1	8	16	7	9	7	0	0	1	0	7	0	8	0
September	8.2	NE.	35	S.	0	6	13	13	10	7	6	1	4	0	19	7	4	5	3	0	0	0	0	1	0	2	0
October	7.6	SE.	26	NW.	0	5	10	9	9	8	6	5	10	0	21	7	3	4	3	0	0	0	0	0	0	0	0
November	9.1	NW.	36	NW.	0	12	10	2	6	14	3	2	9	2	19	4	7	6	5	0	0	1	0	0	1	0	0
December	11.1	NW.	40	NW.	1	9	6	7	9	10	4	2	15	0	9	10	12	10	6	3	0	1	6	0	12	1	0
Year	9.6	NW.	75	SW.	12	89	113	56	79	123	99	58	105	8	162	117	86	80	64	3	1	6	6	49	32	35	0

MERIDIAN, MISS.

[H=375 ft.; h_t=84 ft.; h_r=3 ft.; h_a=93 ft.]

January	5.9	N.	29	NW.	0	6	5	2	0	3	6	4	4	1	14	8	9	10	10	0	0	2	0	0	9	1	0
February	6.2	N.	22	NW.	0	7	6	3	0	2	2	4	3	1	9	6	13	10	8	2	0	0	0	0	7	2	0
March	8.7	SW.	40	E.	1	3	0	0	4	4	9	4	6	1	18	8	5	8	7	0	0	1	0	0	4	3	0
April	6.6	NE.	27	W.	0	5	8	3	0	2	1	4	7	0	13	9	8	9	8	0	0	0	0	0	0	6	0
May	5.0	SW.	44	NW.	1	4	2	1	1	1	8	7	6	1	13	15	3	9	8	0	2	0	0	1	0	6	0
June	4.0	SW.	22	SE.	0	5	3	3	2	4	9	0	4	0	15	14	1	7	6	0	0	0	0	17	0	7	0
July	4.1	SW.	32	NE.	0	2	5	1	5	5	8	3	1	1	17	13	1	8	6	0	0	0	0	27	0	5	0
August	4.6	SW.	36	N.	0	3	3	5	3	3	8	2	1	3	13	10	8	15	10	0	0	0	0	12	0	10	0
September	4.9	NE.	25	NW.	0	5	16	2	0	1	4	0	0	2	13	7	10	5	4	0	0	0	0	1	0	1	0
October	4.2	E.	23	W.	0	5	8	9	0	1	0	0	2	6	21	7	3	4	2	0	0	1	0	0	0	1	0
November	4.6	N.	32	NW.	0	8	5	1	1	2	4	2	5	2	14	8	8	6	6	0	0	0	0	0	8	1	0
December	6.8	NW.	28	NW.	0	6	3	4	3	1	3	3	8	0	7	10	14	10	8	0	0	0	3	0	12	1	0
Year	5.5	NE.	44	NW.	2	59	64	34	19	29	62	33	47	18	167	115	83	101	83	2	2	4	3	58	40	44	0

MILES CITY, MONT.

[H=2,371 ft.; h_t=42 ft.; h_r=33 ft.; h_a=50 ft.]

January	5.1	NW.	60	NW.	1	6	3	3	0	16	11	2	19	2	18	12	1	2	2	2	0	0	13	0	30	0	0
February	4.8	S.	30	NW.	0	7	6	2	1	16	4	3	15	2	14	8	6	9	6	7	0	0	18	0	28	0	0
March	7.0	NW.	48	NW.	2	7	2	3	12	10	7	3	14	4	15	12	4	7	3	4	0	0	2	0	28	0	0
April	7.1	SE.	32	NW.	0	11	7	2	14	10	3	1	9	3	14	7	9	5	4	0	0	0	0	0	8	0	0
May	5.9	SE.	48	E.	3	4	8	6	15	5	3	2	11	8	18	12	1	10	8	0	0	0	0	11	0	7	0
June	6.3	NW.	48	NW.	2	5	10	5	2	3	6	7	17	5	9	14	7	11	9	0	0	0	0	0	0	9	0
July	(b)	N.	(b)	(b)	(b)	15	12	8	8	6	1	1	7	4	23	7	1	8	7	0	2	0	0	19	0	7	0
August	5.0	N.	30	NW.	0	14	11	6	5	6	4	2	10	4	19	10	2	4	1	0	0	0	0	12	0	3	0
September	7.5	NW.	30	SE.	0	6	5	9	4	7	5	11	13	0	7	13	10	6	5	0	0	0	0	2	0	2	0
October	5.2	NW.	36	NW.	0	3	6	8	1	11	8	10	13	2	21	10	0	2	1	0	0	0	0	0	2	0	0
November	5.6	S.	40	NW.	1	2	7	4	4	16	8	10	7	2	19	9	2	2	2	1	0	0	1	0	26	0	0
December	6.3	S.	38	W.	0	7	4	1	6	16	4	12	11	1	18	8	5	6	3	5	0	0	9	0	28	0	0
Year	.....	NW.	.....	.....	.....	87	81	57	72	122	64	64	146	37	195	122	48	72	51	19	2	0	43	44	150	28	0

MILWAUKEE, WIS.

[H=681 ft.; h_t=124 ft.; h_r=116 ft.; h_a=142 ft.]

January	12.5	W.	50	NE.	2	8	3	0	1	9	9	16	16	0	10	2	19	16	5	13	0	0	17	0	31	0	0
February	11.7	W.	38	NE.	0	3	4	2	3	3	6	27	8	0	12	7	9	6	5	6	0	0	27	0	28	0	0
March	13.1	W.	43	NE.	2	9	13	5	5	6	4	17	3	0	3	4	24	16	11	11	0	0	4	3	0	24	0
April	12.4	NE.	45	NE.	1	12	29	1	6	3	2	3	4	0	10	7	13	5	3	1	0	0	0	0	4	0	0
May	11.5	NE.	43	NE.	1	8	31	3	5	2	5	5	3	0	4	8	19	13	8	0	1	4	0	0	0	4	0
June	9.4	NE.	46	SW.	2	4	14	2	11	8	6	7	8	0	8	11	11	11	6	0	0	1	0	4	0	10	0
July	9.5	N.	42	SW.	1	15	9	5	8	2	10	10	3	0	17	5	9	8	5	0	0	0	0	6	0	8	0
August	9.1	N.	33	N.	0	20	10	5	10	5	4	4	4	0	8	11	12	8	4	0	0	1	0	0	0	7	0
September	10.2	SW.	37	S.	0	12	3	3	7	9	9	12	5	0	11	8	11	8	7	0	0	1	0	0	0	2	0
October	10.7	W.	36	S.	0	5	2	4	3	11	10	16	10	2	9	8	14	7	5	0	0	1	0	0	0	0	0
November	10.7	W.	36	SE.	0	4	3	2	2	7	8	24	10	0	7	5	18	6	5	2	0	0	2	0	21	0	0
December	10.2	W.	25	SE.	0	6	4	0	2	7	12	20	11	0	6	5	20	8	5	8	0	0	12	0	29	0	0
Year	11.0	W.	50	NE.	9	106	125	32	68	72	85	160	85	2	105	81	179	112	69	41	1	12	61	10	137	31	0

a By eye observations when there is no self-register at station.

b Wind record incomplete.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

MINNEAPOLIS, MINN.

[λ=44° 59′ N.; φ=93° 18′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January					18.1	24.1	6.3	15.2	42	−13							.31	.24			
February					15.9	20.5	4.0	12.2	40	−13							.26	.21			
March					30.8	36.4	21.5	29.0	55	− 8							1.84	.70			
April					53.7	60.1	38.8	49.4	86	24							1.58	.49			
May					65.1	70.0	48.6	59.3	89	33							1.57	.71			
June					73.2	79.2	58.9	69.0	95	37							6.25	1.51			
July					81.2	88.2	66.5	77.4	102	53							1.64	.66			
August					77.0	83.0	61.5	72.2	93	48							2.65	1.39			
September					62.7	69.3	50.7	60.0	90	36							3.80	1.10			
October					54.2	61.1	42.2	51.6	82	30							.94	.38			
November					32.4	39.5	22.4	31.0	58	12							1.00	.94			
December					17.5	23.3	8.5	15.9	44	−27							.46	.16			
Year					48.5	54.6	35.8	45.2	102	−27							22.30	1.51			

MOBILE, ALA.

[λ=30° 41′ N.; φ=88° 02′ W.]

January	30.092	30.53	29.71	46.7	53.4	59.7	43.3	51.5	70	33	43	44	88	72	.302	.306	4.62	1.89	5.3	3.5	5.3
February	30.036	30.37	29.63	45.8	52.4	57.9	42.6	50.2	73	28	39	40	77	64	.255	.280	4.04	1.08	6.7	5.1	5.8
March	29.963	30.44	29.59	53.7	60.1	65.3	50.6	58.0	79	31	47	46	76	64	.353	.349	8.84	1.91	4.3	4.7	4.5
April	29.961	30.29	29.60	56.4	65.5	73.1	53.3	63.2	85	43	47	48	74	58	.345	.365	7.79	3.53	4.4	4.7	4.4
May	29.827	30.07	29.55	68.2	75.3	82.7	64.3	73.5	90	50	61	60	78	60	.549	.525	2.85	1.36	3.3	3.6	3.8
June	29.921	30.07	29.73	75.6	80.9	88.4	71.7	80.0	99	65	70	70	84	70	.742	.735	2.71	.74	3.7	4.4	4.4
July	29.981	30.10	29.77	78.1	82.4	90.0	74.4	82.2	102	71	72	72	83	72	.800	.776	8.95	2.76	4.2	6.5	5.3
August	29.887	30.04	29.26	76.3	79.7	87.7	73.0	80.4	96	69	72	73	87	80	.785	.802	9.77	5.46	3.9	6.1	5.7
September	29.927	30.03	29.66	70.7	76.4	84.5	68.4	76.4	92	54	66	68	84	75	.644	.690	2.51	1.08	4.1	4.5	4.8
October	30.068	30.28	29.74	58.4	69.7	77.6	56.5	67.0	84	44	52	56	80	64	.410	.472	.73	.63	2.0	0.9	2.1
November	30.124	30.42	29.77	45.5	57.7	65.8	43.1	54.4	81	32	40	43	82	59	.265	.303	1.09	.61	3.4	1.7	3.2
December	30.034	30.49	29.43	43.5	49.5	56.6	38.5	47.6	74	16	40	42	86	77	.288	.308	8.44	6.49	5.0	3.5	5.9
Year	29.981	30.53	29.26	59.9	66.9	74.1	56.6	65.4	102	16	54	55	82	68	.478	.493	62.34	6.49	4.2	4.1	4.6

MODENA, UTAH.

[λ=37° 48′ N.; φ=113° 54′ W.]

January	24.642	25.00	24.33	22.4	36.0	43.6	18.5	31.0	58	− 8	16	20	78	52	.095	.118	.43	.20	3.6	4.2	4.1
February	24.581	24.99	24.11	24.0	35.0	40.2	18.9	29.6	61	−12	20	27	86	77	.120	.154	3.63	1.25	5.0	7.1	....
March	24.594	24.94	24.26	26.3	48.0	54.1	21.3	37.7	68	10	18	18	70	33	.096	.103	.06	.06	2.3	4.5	5.2
April	24.551	24.73	24.23	32.6	56.0	60.1	28.1	44.1	76	15	22	19	66	25	.119	.102	.68	.44	4.3	5.0	....
May	24.522	24.75	24.29	44.2	a67.6	72.5	39.9	56.2	82	28	30	a31	57	a30	.166	a.183	.65	.25	3.4	a5.5	....
June	24.531	24.77	24.32	50.7	76.8	81.2	46.9	64.0	98	34	b30	b23	b46	b16	b.174	b.129	.32	.32	2.3	2.9	3.3
July	24.607	24.76	24.44	58.0	85.4	91.7	56.2	74.0	98	46	34	33	43	21	.225	.218	1.33	.62	1.8	3.5	2.5
August	24.678	24.80	24.56	57.3	81.1	86.6	55.7	71.2	95	43	44	40	64	28	.310	.276	1.17	.53	2.6	3.6	2.9
September	24.565	24.74	24.20	41.6	73.6	77.9	40.2	59.0	87	28	19	18	40	13	.105	.100	.06	.04	0.1	0.6	0.2
October	24.690	24.90	24.31	38.9	61.3	66.9	37.1	52.0	78	29	26	29	60	34	.147	.167	.78	.45	3.8	4.5	4.7
November	24.727	24.89	24.41	28.5	48.4	57.9	26.2	42.0	67	16	18	21	62	33	.096	.114	.01	.01	1.6	3.1	3.7
December	24.697	25.02	24.30	20.8	34.3	44.8	16.2	30.5	63	− 3	12	17	66	49	.076	.095	.12	.08	2.2	3.2	3.3
Year	24.615	25.02	24.11	37.1	58.6	64.8	33.8	49.3	98	−12	24	25	62	34	.144	.146	9.24	1.25	2.8	4.0	....

MONTGOMERY, ALA.

[λ=32° 23′ N.; φ=86° 18′ W.]

January	29.896	30.37	29.46	43.4	53.0	58.9	40.0	49.4	70	30	38	39	83	60	.255	.250	4.75	1.75	4.9	3.9	5.0
February	29.858	30.20	29.46	39.8	50.0	54.8	38.0	46.4	71	21	33	36	76	61	.194	.222	3.89	1.24	5.8	5.6	5.7
March	29.768	30.25	29.39	49.4	60.0	66.3	46.4	56.4	79	25	42	41	77	53	.296	.290	5.80	1.43	3.5	4.2	4.2
April	29.767	30.12	29.36	53.2	65.1	70.4	50.3	60.4	86	41	43	44	70	49	.292	.294	6.05	3.69	4.4	4.6	4.7
May	29.628	29.87	29.36	65.2	76.5	83.8	61.9	72.8	92	49	58	54	77	51	.481	.439	5.21	2.39	3.8	4.7	4.3
June	29.753	29.91	29.56	74.5	83.4	89.8	70.6	80.2	98	63	67	66	79	58	.673	.648	1.55	.63	2.8	5.2	4.8
July	29.756	29.94	29.60	77.0	85.9	93.4	73.2	83.3	105	67	70	68	81	59	.747	.703	1.85	.56	2.9	6.0	4.7
August	29.729	29.86	29.44	74.1	80.9	89.1	70.7	79.9	93	66	70	69	87	70	.734	.720	6.91	2.56	4.1	4.6	5.3
September	29.774	29.91	29.63	67.2	75.4	84.1	64.5	74.3	92	52	62	61	85	62	.574	.556	5.02	1.96	3.3	3.9	4.1
October	29.911	30.15	29.51	55.7	69.0	76.2	53.6	64.9	85	41	50	52	83	66	.382	.409	.22	.12	2.4	1.9	2.3
November	29.989	30.24	29.66	42.4	54.9	63.2	40.2	51.7	80	28	36	37	80	53	.229	.236	2.23	1.56	2.5	2.6	3.5
December	29.852	30.29	29.26	39.2	47.8	53.8	35.5	44.6	72	12	36	38	86	70	.248	.263	8.76	5.09	6.0	4.7	5.7
Year	29.803	30.37	29.26	56.8	66.9	73.6	53.7	63.7	105	12	50	50	80	58	.425	.419	52.24	5.09	3.9	4.3	4.5

a 30 days. b 29 days.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

MINNEAPOLIS, MINN.

[H=—— ft.; h_t=99 ft.; h_r=95 ft.; h_a=208 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	11.6	NW.	38	NW.	0	3	1	0	2	7	2	5	11	0	7	11	13	4	2	4	0	0	24	0	31	0	0
February	10.3	NW.	28	NW.	0	2	0	0	3	5	1	4	13	0	9	15	4	2	2	2	0	0	26	0	28	0	0
March	14.0	N.	45	NW.	2	8	6	4	0	2	2	3	6	0	4	8	19	12	9	8	0	0	7	0	28	1	0
April	8.9	NE.	38	S.	0	2	8	4	6	5	1	0	4	0	8	9	13	6	6	0	0	0	0	0	7	2	0
May	11.5	NE.	29	NE.	0	6	10	3	2	3	2	0	5	0	10	14	7	9	7	0	0	0	0	0	0	4	0
June	11.1	SE.	56	W.	1	0	3	2	8	4	3	4	6	0	4	19	7	15	14	0	0	0	0	4	0	13	0
July	11.7	NE.	50	NW.	2	5	7	5	3	7	1	0	3	0	9	18	4	7	6	0	0	0	0	12	0	9	0
August	10.0	S.	48	NW.	1	5	7	5	3	8	0	1	2	0	14	13	4	7	5	0	1	0	0	6	0	6	0
September	12.5	W.	38	W.	0	3	3	2	5	6	3	7	1	0	7	8	15	12	8	0	0	0	0	0	0	5	0
October	12.0	SE.	38	SW.	0	4	0	0	8	7	2	5	5	0	10	10	11	10	6	0	0	0	0	0	3	3	0
November	12.6	NW.	37	S.	0	3	1	1	4	6	3	1	11	0	13	7	10	5	3	2	0	0	7	0	27	1	0
December	11.4	NW.	38	NW.	0	2	1	0	6	4	4	5	9	0	6	10	15	9	5	9	0	0	19	0	31	0	0
Year	11.5	NW.	56	W.	6	43	47	26	50	64	24	35	76	0	101	142	122	98	73	25	1	0	83	22	155	44	0

MOBILE, ALA.

[H=57 ft.; h_t=88 ft.; h_r=78 ft.; h_a=96 ft.]

January	8.4	N.	33	NW.	0	19	4	0	5	12	7	4	9	2	14	4	13	12	9	0	0	3	0	0	0	0	0
February	8.4	N.	31	NW.	0	20	8	4	2	6	6	3	7	0	11	6	11	10	10	1	0	1	0	0	3	1	0
March	10.1	S.	32	SE.	0	8	1	2	12	15	5	6	13	0	14	7	10	12	8	0	0	2	0	0	1	6	0
April	8.4	NW.	35	N.	0	14	7	1	6	4	10	3	15	0	16	9	5	8	7	0	1	0	0	0	0	6	0
May	7.6	SW.	32	NW.	0	10	1	0	2	6	21	11	11	0	14	14	3	7	5	0	0	0	0	0	0	8	0
June	6.8	N.	36	NE.	0	18	8	4	5	17	2	1	5	0	12	14	4	8	7	0	0	0	0	0	0	7	0
July	6.3	SW.	30	SW.	0	12	9	0	11	6	14	0	9	1	11	12	8	17	15	0	0	0	0	14	0	11	0
August	6.6	SW.	60	SE.	2	5	8	3	8	8	16	2	12	0	11	10	10	15	14	0	0	0	0	8	0	11	0
September	7.4	N.	31	S.	0	22	12	4	1	7	10	1	3	0	13	10	7	9	8	0	0	0	0	4	0	1	0
October	6.3	N.	29	NW.	0	28	9	2	3	6	3	0	11	0	26	2	3	3	3	0	0	1	0	0	0	1	0
November	6.9	N.	36	S.	0	30	1	2	5	5	4	3	10	0	21	4	5	4	4	0	0	0	0	0	1	1	0
December	8.8	N.	34	SE.	0	18	3	4	8	11	7	1	10	0	9	6	16	8	6	0	0	4	1	0	9	2	0
Year	7.7	N.	60	SE.	2	204	71	26	68	103	105	35	115	3	172	98	95	113	96	1	1	11	1	36	14	55	0

MODENA, UTAH.

[H=5,479 ft.; h_t=10 ft.; h_r=2 ft.; h_a=38 ft.]

January	8.6	W.	38	SW.	0	2	5	10	5	4	15	19	2	0	13	10	8	6	5	4	1	0	2	0	28	0	0
February	.....	W.	[b]28	[b]SW.	....	9	6	7	2	3	7	18	4	0	9	3	16	12	10	9	1	0	9	0	25	0	0
March	.....	W.	.....	.....	.....	11	8	9	6	1	6	13	8	0	14	6	11	2	1	2	0	0	0	0	31	0	0
April	.....	SW.	46	SW.	2	8	5	3	5	3	18	13	5	0	.....	.....	.....	3	3	3	0	0	0	0	20	0	0
May	.....	W.	.....	.....	.....	4	4	5	3	2	16	22	6	0	12	6	13	5	4	0	1	0	0	0	1	3	0
June	.....	W.	.....	.....	.....	3	2	3	3	2	14	26	7	0	18	7	5	2	1	0	0	0	0	5	0	1	0
July	12.3	SW.	43	SW.	5	3	2	0	0	3	27	24	3	0	19	11	1	7	6	0	0	0	0	24	0	8	0
August	9.8	SW.	42	SW.	1	4	2	0	3	2	24	20	7	0	18	12	1	10	7	0	0	0	0	8	0	12	0
September	11.7	W.	60	SW.	4	1	3	1	3	3	22	26	1	0	30	0	0	2	1	0	0	0	0	4	1	0	0
October	8.3	W.	42	SW.	1	3	3	14	2	2	9	26	3	0	13	7	11	5	5	0	0	0	0	5	2	0	0
November	8.7	W.	42	SW.	1	0	9	4	1	1	20	20	5	0	14	11	5	1	0	0	2	0	0	0	26	0	0
December	8.4	W.	54	SW.	1	8	15	4	1	1	7	24	0	2	19	6	6	2	2	2	1	0	3	0	30	1	0
Year	.....	W.	.....	.....	.....	56	64	60	34	27	185	251	51	2	.....	.....	.....	57	45	20	6	0	14	37	170	28	0

MONTGOMERY, ALA.

[H=223 ft.; h_t=100 ft.; h_r=70 ft.; h_a=112 ft.]

January	7.3	NW.	30	W.	0	8	13	2	4	10	6	5	13	1	11	11	9	11	10	0	0	2	0	0	3	0	0
February	6.9	N.	32	NW.	0	14	4	7	4	4	6	9	7	1	11	4	13	8	7	1	0	1	0	0	7	2	0
March	9.5	S.	35	W.	0	5	2	4	11	16	6	11	7	0	16	5	10	7	7	0	0	0	0	0	2	5	0
April	8.2	NW.	35	NW.	0	12	4	9	5	4	6	7	13	0	12	11	7	6	5	0	0	0	0	0	0	1	0
May	6.4	W.	29	N.	0	8	4	0	1	2	16	21	10	0	15	10	6	8	6	0	0	2	0	0	7	6	0
June	5.2	SE.	28	E.	0	10	7	2	12	10	10	7	2	0	11	12	7	8	6	0	0	0	0	19	0	9	0
July	5.0	S.	30	N.	0	6	8	5	10	10	8	10	5	0	13	13	5	9	8	0	0	0	0	23	0	13	0
August	5.3	SE.	36	SW.	0	3	6	11	20	8	6	6	2	0	10	13	8	8	7	0	1	1	0	14	0	13	0
September	6.3	N.	25	N.	0	14	12	12	8	7	2	2	3	0	16	7	7	9	6	0	0	0	0	7	0	4	0
October	5.5	E.	24	SW.	0	7	14	22	4	1	0	5	4	5	23	4	4	5	2	0	0	0	0	0	0	1	0
November	5.7	N.	24	SE.	0	20	8	6	1	1	8	9	7	0	16	9	5	7	5	0	0	1	0	0	5	1	0
December	7.5	E.	36	SW.	0	5	2	14	6	9	7	10	8	1	9	10	12	12	10	0	0	1	3	0	10	3	0
Year	6.6	N.	36	SW.	0	112	84	94	86	82	81	102	81	8	163	109	93	98	79	1	3	6	3	70	27	58	0

[a] By eye observations when there is no self-register at station.

[b] For 18½ days.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

MOORHEAD, MINN.

[λ=46° 52′ N.; φ=96° 44′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.022	29.63	28.28	4.3	10.8	18.4	−0.1	9.2	42	−18	2	9	91	91	.055	.071	.54	.14	3.5	3.8	5.2
February	29.102	29.64	28.48	1.4	12.7	17.8	−0.5	8.6	46	−18	0	10	91	89	.045	.074	.32	.26	3.5	3.5	4.6
March	28.925	29.40	28.39	22.0	30.0	35.1	19.6	27.4	50	− 9	20	27	92	88	.116	.150	2.56	.70	5.1	6.0	5.9
April	29.092	29.51	28.46	38.4	51.1	56.8	36.5	46.6	84	24	36	40	90	69	.217	.262	2.28	.90	6.2	6.7	6.8
May	28.952	29.62	28.56	51.2	67.5	72.2	46.4	59.3	94	31	44	45	78	48	.304	.318	.76	.46	3.1	3.8	3.5
June	28.828	29.21	28.42	58.6	69.4	74.0	54.2	64.1	90	32	54	57	86	66	.440	.485	6.10	.90	6.4	5.2	6.0
July	28.911	29.20	28.62	65.4	77.4	82.1	62.0	72.0	97	53	62	67	88	71	.553	.665	7.94	4.06	4.4	3.7	3.8
August	28.998	29.25	28.68	58.7	74.5	80.9	56.0	68.4	96	46	56	60	90	62	.447	.508	1.94	.82	3.2	4.3	4.1
September	28.953	29.42	28.31	47.5	59.4	66.9	44.2	55.6	90	28	44	46	89	62	.305	.321	2.94	1.72	5.5	5.7	5.6
October	29.015	29.31	28.56	39.6	51.6	59.5	37.5	48.5	82	28	36	39	87	64	.218	.248	3.42	1.88	4.5	3.7	4.8
November	29.103	29.59	28.48	20.9	28.4	36.5	16.7	26.6	55	6	18	24	90	83	.103	.127	T.	T.	5.4	2.7	4.1
December	29.011	29.56	28.42	8.4	14.0	19.1	3.4	11.2	36	−32	7	12	91	91	.074	.088	1.36	.64	5.8	5.3	6.4
Year	28.993	29.64	28.28	34.7	45.6	51.6	31.3	41.5	97	−32	32	36	89	74	.240	.276	30.16	4.06	4.7	4.5	5.1

MOUNT TAMALPAIS, CAL.

[λ=37° 56′ N.; φ=122° 35′ W.]

January	27.577	27.85	27.15	41.4	44.6	48.0	38.7	43.4	57	31	36	36	82	78	.213	.221	5.74	1.34	2.5	3.3	5.1
February	27.560	27.91	27.08	43.7	47.4	51.1	41.1	46.1	68	28	38	41	80	80	.236	.267	5.45	1.46	4.4	4.7	5.8
March	27.619	27.86	27.33	46.5	51.0	56.4	43.5	50.0	71	34	33	38	64	64	.194	.229	1.29	.92	1.8	2.3	2.8
April	27.557	27.73	27.27	46.1	51.2	56.7	43.5	50.1	68	32	29	32	57	53	.167	.186	2.03	.59	2.3	1.8	2.5
May	27.508	27.69	27.27	49.5	55.6	60.2	47.4	53.8	80	38	37	43	67	67	.228	.285	1.01	.78	1.8	1.9	2.6
June	27.494	27.60	27.27	59.3	65.4	71.3	54.3	62.8	93	40	32	37	38	37	.191	.225	.00	.00	1.1	0.9	1.1
July	27.473	27.59	27.29	65.9	73.3	77.8	61.9	69.8	89	42	36	39	36	32	.220	.253	T.	T.	0.6	0.4	0.5
August	27.525	27.64	27.42	66.4	72.2	77.1	62.8	70.0	94	44	40	43	46	41	.262	.294	.03	.03	1.2	0.6	1.3
September	27.478	27.61	27.19	59.1	64.3	70.0	55.7	62.8	87	43	40	41	57	50	.252	.262	1.21	.71	1.0	1.6	2.2
October	27.585	27.75	27.33	59.1	62.1	67.4	56.2	61.8	84	42	43	44	61	58	.283	.293	1.05	.65	1.5	2.3	2.9
November	27.626	27.77	27.35	50.4	52.4	55.7	48.3	52.0	71	42	43	44	81	76	.281	.288	6.86	2.87	3.4	3.9	5.7
December	27.660	27.92	27.44	48.6	50.6	54.7	45.0	49.8	65	31	28	29	49	50	.162	.177	2.60	1.41	1.4	2.6	2.8
Year	27.557	27.92	27.08	53.0	57.5	62.2	49.9	56.0	94	28	36	39	60	57	.224	.248	27.27	2.87	1.9	2.2	2.9

NANTUCKET, MASS.

[λ=41° 17′ N.; φ=70° 06′ W.]

January	29.924	30.70	28.99	30.1	31.5	37.0	26.0	31.5	49	2	24	24	76	74	.140	.141	3.08	.90	7.4	5.3	8.1
February	29.736	30.27	29.32	22.5	26.6	30.0	20.7	25.4	38	11	12	15	61	60	.077	.090	1.33	.80	5.4	2.5	4.8
March	29.892	30.38	29.29	35.2	36.1	41.5	31.3	36.4	56	13	29	30	77	79	.167	.178	4.74	1.50	5.9	5.0	7.6
April	29.922	30.46	29.28	42.2	41.8	46.7	38.9	42.8	63	34	39	39	90	89	.243	.238	3.71	1.76	5.8	5.5	8.6
May	29.886	30.16	29.47	50.4	48.8	56.7	45.5	51.1	73	35	47	45	88	89	.324	.309	4.92	1.70	4.6	5.6	7.3
June	29.974	30.24	29.69	62.0	58.8	67.7	55.9	61.8	76	48	55	54	79	86	.445	.435	1.43	.56	2.8	4.4	5.2
July	29.945	30.26	29.76	68.4	66.4	74.5	63.1	68.8	86	56	64	63	86	90	.598	.590	1.16	.38	5.1	4.1	6.8
August	30.050	30.26	29.80	68.8	66.2	73.8	62.8	68.3	79	58	65	64	88	92	.619	.597	2.60	1.15	4.9	4.2	6.1
September	30.049	30.51	29.59	64.5	63.0	69.7	60.2	65.0	82	49	59	58	83	86	.515	.506	2.11	.69	4.1	3.8	5.1
October	30.115	30.64	29.49	54.6	53.6	60.2	49.5	54.8	70	38	48	47	78	79	.343	.337	.44	.26	3.8	3.2	4.7
November	29.902	30.32	29.12	38.7	40.2	44.1	35.9	40.0	65	15	32	32	76	72	.192	.191	.89	.32	7.0	6.5	7.2
December	30.032	30.44	29.43	36.2	36.3	42.6	31.7	37.2	55	16	32	31	82	82	.196	.187	6.52	1.19	7.5	6.2	7.5
Year	29.952	30.70	28.99	47.8	47.4	53.7	43.5	48.6	86	21	42	42	80	82	.322	.317	32.88	1.76	5.4	4.7	6.6

NARRAGANSETT, R. I.

[λ=41° 19′ N.; φ=71° 17′ W.]

January						35.6	19.8	27.7	51	− 4							2.29	1.00			
February						30.9	15.5	23.2	41	8							1.17	.60			
March						42.2	27.3	34.8	54	8							7.08	2.60			
April						49.6	38.1	43.8	65	32							6.73	1.70			
May						60.1	45.4	52.8	77	35							6.55	1.82			
June						72.9	55.1	64.0	89	45							1.74	1.29			
July						78.9	64.7	71.8	90	53							2.15	.76			
August						76.4	62.8	69.6	84	54							2.84	1.00			
September						72.1	55.7	63.9	82	41							3.17	.70			
October						60.6	43.2	51.9	70	31							2.64	2.10			
November						45.0	29.3	37.2	64	9							2.79	1.64			
December						38.8	24.2	31.5	56	6							9.33	1.90			
Year						55.3	40.1	47.7	90	− 4							48.48	2.50			

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

MOORHEAD, MINN.

[H=935 ft.; h_t=54 ft.; h_r=44 ft.; h_a=60 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction, a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	11.1	NW.	37	SE.	0	5	2	1	19	0	6	7	22	0	10	15	6	13	7	13	0	0	26	0	31	0	0
February	10.5	NW.	36	NW.	0	1	3	0	13	6	2	5	26	0	10	11	7	4	1	4	0	0	24	0	28	0	0
March	11.1	NW.	39	NW.	0	0	7	12	4	9	4	1	1	23	1	10	8	13	11	9	6	0	0	7	0	29	1	0
April	11.7	SE.	54	SE.	3	6	6	3	32	2	3	0	8	0	4	13	13	10	9	3	0	0	0	0	10	4	0
May	10.8	SE.	30	NE.	0	4	12	2	25	4	0	1	14	0	19	6	6	6	5	0	0	0	0	1	1	2	0
June	10.7	SE.	44	NE.	2	6	6	2	21	2	4	6	13	0	10	6	14	18	15	0	1	0	0	1	0	12	0
July	9.2	SE.	37	NW.	0	4	10	7	21	0	2	3	15	0	18	6	7	12	11	0	0	0	0	4	0	10	0
August	7.9	NW.	34	SE.	0	10	4	5	19	1	3	3	17	0	16	7	8	8	8	0	0	0	0	4	0	8	0
September	10.2	SE.	45	SE.	1	9	5	0	24	1	4	6	11	0	11	8	11	6	6	0	0	0	0	1	2	3	0
October	9.8	NW.	34	SE.	0	4	3	1	18	6	9	3	18	0	12	9	10	8	7	0	0	0	0	0	7	1	0
November	11.0	NW.	36	SE.	0	8	1	1	14	5	10	2	19	0	14	12	4	0	0	0	0	0	10	0	29	0	0
December	9.7	NW.	32	SE.	0	3	3	1	14	4	14	4	19	0	9	4	18	10	9	10	0	0	26	0	31	0	0
Year	10.3	NW.	54	SE.	6	67	67	27	229	35	58	41	205	1	143	105	117	106	87	36	1	0	93	11	168	41	0

MOUNT TAMALPAIS, CAL.

[H=2,375 ft.; h_t=11 ft.; h_r=5 ft.; h_a=18 ft.]

January	19.5	NW.	b90	SE.	b9	12	10	2	13	7	4	0	14	0	13	7	11	13	13	1	0	13	0	0	2	0	0
February	16.7	NW.	c56	NW.	c8	7	2	0	8	4	5	3	27	0	7	12	9	13	12	1	1	11	0	0	3	0	0
March	24.7	NW.	d82	NW.	d20	9	8	3	3	1	1	9	28	0	19	11	1	3	3	0	1	3	0	0	0	0	0
April	22.8	NW.	75	NW.	19	6	2	0	4	0	6	17	25	0	23	2	5	6	6	0	0	6	0	0	1	0	0
May	20.1	NW.	71	NW.	18	1	4	0	0	0	7	20	30	0	22	7	2	3	3	0	0	6	0	0	0	0	0
June	21.4	NW.	76	NW.	18	4	3	1	0	0	1	17	34	0	26	4	0	0	0	0	0	0	0	1	0	0	0
July	16.5	NW.	62	NW.	10	4	0	1	1	0	7	26	23	0	29	1	1	0	0	0	0	0	0	0	0	0	0
August	13.3	W.	53	NW.	2	3	1	0	0	0	10	28	20	0	26	4	1	1	0	0	0	4	0	3	0	0	0
September	16.3	NW.	69	NW.	7	3	3	1	1	0	8	24	20	0	23	2	5	7	5	0	0	8	0	0	0	0	0
October	17.1	NW.	65	NW.	5	8	6	1	6	5	4	6	26	0	21	5	5	5	4	0	0	6	0	0	0	0	0
November	14.1	SE.	56	S.	2	6	4	4	15	4	11	6	10	0	9	9	12	13	12	0	0	18	0	0	0	0	0
December	21.1	NW.	62	N.	11	15	13	7	2	1	4	2	18	0	20	6	5	5	5	0	0	6	0	0	1	0	0
Year	18.6	NW.	e90	SE.	129	78	56	20	53	22	68	158	275	0	238	70	57	69	63	2	2	81	0	4	7	0	0

NANTUCKET, MASS.

[H=12 ft.; h_t=43 ft.; h_r=38 ft.; h_a=85 ft.]

January	18.1	NW.	56	N.	3	7	4	4	4	3	6	13	21	0	3	5	23	13	13	6	0	3	7	0	23	0	0
February	18.7	NW.	48	NW.	3	0	1	1	0	1	5	11	37	0	14	5	9	10	4	9	0	0	19	0	28	0	0
March	17.5	SW.	46	SE.	2	2	8	5	6	6	11	12	12	0	5	5	21	17	11	4	1	11	2	0	13	1	0
April	19.0	NE.	64	NE.	11	8	20	11	7	2	5	2	5	0	3	3	24	17	14	0	0	13	0	0	0	0	0
May	13.9	SW.	47	E.	1	4	10	7	7	11	14	3	6	0	5	9	17	14	11	0	0	19	0	0	0	1	0
June	12.7	SW.	36	NE.	0	4	3	4	5	9	24	5	6	0	11	11	8	8	5	0	0	9	0	0	0	2	0
July	11.6	SW.	30	W.	0	1	11	7	3	8	26	4	2	0	1	16	14	9	8	0	0	18	0	0	0	5	0
August	10.5	SW.	29	S.	0	4	12	3	14	9	14	2	4	0	8	10	13	11	7	0	0	19	0	0	0	2	0
September	12.6	S.	47	N.	3	8	11	3	2	14	14	5	3	0	10	11	9	11	11	0	0	6	0	0	0	2	0
October	13.6	SW.	39	NW.	0	2	6	4	5	12	13	8	12	0	15	8	8	6	3	0	0	5	0	0	0	1	0
November	16.9	NW.	68	E.	4	9	6	2	0	1	6	12	24	0	8	12	15	12	8	5	0	1	3	0	7	0	0
December	16.6	NW.	54	NE.	6	9	4	3	6	10	8	5	17	0	5	6	20	17	12	6	0	2	6	0	14	0	0
Year	15.1	SW.	68	E.	36	58	96	54	59	86	146	82	149	0	83	101	181	145	107	30	1	106	37	0	85	11	0

NARRAGANSETT, R. I.

[H= — ft.; h_t=10 ft.; h_r=1 ft.; h_a= — ft.]

January		NW.				2	4	5	0	0	4	7	9	0	15	7	9	11	11	6	1	0	5	0	28	0	0
February		W.				0	2	0	0	0	8	9	9	0	26	0	2	3	2	3	0	0	16	0	28	0	0
March		NW.				1	5	2	5	2	5	5	6	0	16	2	13	12	11	0	0	5	2	0	19	1	0
April		NE.				7	14	6	0	1	1	0	1	0	7	2	21	15	14	0	0	7	0	0	0	0	0
May		S.				6	6	2	3	7	6	1	0	0	16	3	12	12	10	0	0	7	0	0	0	1	0
June		SW.				1	1	0	4	6	11	7	0	0	21	4	5	6	5	0	0	3	0	0	0	2	0
July		SW.				0	3	3	5	2	12	5	1	0	21	3	7	10	9	0	0	6	0	0	0	6	0
August		SW.				0	3	1	8	7	9	3	0	0	15	9	7	8	6	0	0	4	0	0	0	1	0
September		S.				1	4	3	5	9	2	4	2	0	20	3	7	11	11	0	0	2	0	0	0	2	0
October		SW.				1	1	0	4	6	8	3	8	0	19	7	5	5	4	0	0	2	0	0	1	0	0
November		NW.				0	5	2	0	0	4	9	10	0	11	10	9	7	7	3	0	2	2	0	17	0	0
December		SW.				4	4	1	3	2	7	5	5	0	11	5	15	12	12	3	1	1	9	0	21	0	0
Year		SW.				23	52	25	37	42	77	58	51	0	198	55	112	113	102	15	2	39	34	0	114	13	0

a By eye observations when there is no self-register at station.

b For 28 days. c For 27 days. d For 29 days. e Estimated. Highest recorded on triple register, 82 miles, NW.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

NASHVILLE, TENN.

[λ=36° 10′ N.; φ=86° 47′ W.]

Month.	Pressure.			Temperature.							Moisture.								Cloudiness.		
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.				
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.554	30.01	29.20	35.3	42.6	48.0	31.9	40.0	67	18	29	31	76	64	.168	.181	3.45	1.51	5.7	3.6	4.7
February	29.532	29.92	29.06	30.4	40.5	45.5	28.5	37.0	70	16	23	25	73	56	.128	.141	1.60	1.30	5.4	5.5	5.5
March	29.382	29.86	28.88	43.7	52.2	59.7	40.1	49.9	80	14	32	34	65	52	.204	.210	2.39	1.06	4.5	5.2	5.2
April	29.466	29.83	28.82	48.2	58.3	62.3	45.1	53.7	86	35	39	38	72	53	.244	.242	4.99	2.06	5.6	6.1	5.9
May	29.307	29.58	29.04	60.3	70.6	76.5	56.1	66.3	90	45	52	51	76	53	.393	.380	4.11	2.42	4.4	4.8	5.1
June	29.420	29.62	29.24	73.0	82.5	88.7	68.3	78.5	98	52	64	62	74	52	.603	.576	.48	.13	3.7	3.8	4.0
July	29.420	29.61	29.28	77.4	88.1	94.2	72.6	83.4	102	61	67	65	70	46	.666	.661	2.69	1.23	1.4	3.3	3.0
August	29.408	29.56	29.17	70.5	78.4	84.7	68.0	76.4	99	64	66	66	86	69	.642	.647	8.24	1.98	5.6	4.9	5.5
September	29.489	29.69	29.23	62.6	73.2	79.4	60.5	70.0	91	44	59	60	87	64	.509	.531	4.27	2.22	3.4	3.0	3.3
October	29.604	29.85	29.02	49.9	64.6	73.0	48.1	60.6	88	37	46	48	86	57	.315	.347	.63	.51	2.5	0.1	2.0
November	29.616	30.00	29.26	37.2	47.9	55.6	34.8	45.2	73	22	30	34	75	60	.174	.203	.85	.39	4.3	2.0	2.9
December	29.517	30.00	29.07	31.2	37.0	43.3	26.0	34.6	67	− 2	27	31	83	79	.168	.193	4.51	2.10	6.1	4.8	6.4
Year	29.476	30.01	28.82	51.6	61.3	67.6	48.3	58.0	102	− 2	44	45	77	59	.351	.354	38.11	2.42	4.4	3.9	4.5

NEAH BAY, WASH.

[λ=48° 22′ N.; φ=124° 32′ W.]

January	29.906	30.44	29.26	39.5	41.3	43.1	36.2	39.6	53	29	38	39	95	91	.231	.239	13.78	2.56	8.4	8.9	8.2
February	29.947	30.24	29.44	41.0	43.9	46.0	37.2	41.6	56	30	36	37	84	81	.214	.232	11.88	2.88	6.0	7.2	6.6
March	30.025	30.55	29.40	41.7	44.9	47.4	38.8	43.1	52	33	39	40	90	82	.236	.245	7.92	1.04	8.4	8.7	8.4
April	29.998	30.40	29.38	41.0	47.1	49.9	37.9	43.9	58	32	39	40	92	76	.236	.248	12.60	2.39	6.8	6.7	6.7
May	29.980	30.40	29.73	45.9	51.4	54.3	43.8	49.0	67	36	44	46	93	83	.287	.314	10.06	2.34	7.9	7.1	6.9
June	30.020	30.21	29.71	48.8	53.0	55.8	46.9	51.4	67	41	46	47	92	82	.313	.326	5.48	1.04	8.3	7.3	7.6
July	30.006	30.17	29.73	51.3	57.0	59.0	49.4	54.2	62	45	50	51	95	80	.356	.370	1.61	.75	8.3	5.8	6.8
August	29.995	30.14	29.78	52.8	59.9	63.7	50.7	57.2	74	46	51	53	96	79	.378	.404	.24	.23	4.3	2.7	3.8
September	29.981	30.23	29.18	50.0	55.8	58.8	47.7	53.2	74	40	48	49	92	80	.330	.352	3.13	1.00	5.6	4.6	5.0
October	29.986	30.44	29.53	51.7	54.1	57.3	49.5	53.4	68	43	50	52	95	92	.363	.383	8.29	1.77	6.5	6.1	7.0
November	29.878	30.26	29.47	47.7	49.1	52.0	45.0	48.5	62	38	45	46	92	91	.304	.315	23.17	3.09	8.7	9.1	9.1
December	30.097	30.49	28.93	43.2	44.4	47.2	40.2	43.7	55	32	40	41	88	88	.249	.259	14.92	2.82	6.5	8.1	7.8
Year	29.981	30.55	28.93	46.2	50.2	52.9	43.6	48.2	74	29	44	45	92	84	.291	.307	113.08	3.30	7.1	6.8	7.0

NEW HAVEN, CONN.

[λ=41° 18′ N.; φ=72° 56′ W.]

January	29.857	30.60	28.96	25.1	29.1	35.2	20.9	28.0	49	− 1	19	20	76	68	.109	.115	1.38	.69	4.5	5.4	5.2
February	29.708	30.23	29.36	19.3	24.8	30.6	17.2	23.9	41	8	10	14	64	61	.067	.082	.54	.41	2.5	3.3	2.2
March	29.786	30.26	29.27	33.6	36.3	43.3	28.7	36.0	52	9	27	29	75	73	.157	.166	5.80	2.49	6.4	6.5	5.8
April	29.920	30.38	29.16	44.4	46.4	53.2	39.8	46.5	69	35	37	39	76	78	.223	.244	9.03	4.03	6.9	7.1	6.4
May	29.764	30.06	29.42	53.4	55.0	62.9	47.5	55.2	80	39	46	a49	78	a81	.318	a.350	6.38	1.97	6.5	a6.4	5.9
June	29.660	30.10	29.61	65.9	68.1	77.4	57.8	67.6	94	47	55	57	70	70	.456	.486	.25	.21	2.9	3.2	2.5
July	29.831	30.16	29.66	72.2	73.6	82.2	66.4	74.3	97	53	65	66	80	79	.634	.653	4.40	1.94	5.8	4.7	4.8
August	29.923	30.13	29.71	69.7	71.1	79.1	63.9	71.5	86	56	64	66	82	84	.599	.636	6.92	3.26	5.5	6.0	4.8
September	29.949	30.42	29.50	62.1	64.7	73.0	55.6	64.3	87	41	56	58	80	80	.466	.499	5.70	* 3.48	4.0	3.6	3.3
October	30.015	30.55	29.42	49.4	54.1	63.0	43.6	53.3	76	31	41	47	74	78	.276	.339	2.95	2.19	2.8	2.2	3.2
November	29.842	30.30	29.23	34.1	37.5	44.0	30.4	37.2	60	12	25	27	69	64	.145	.152	1.61	.76	5.2	3.9	5.4
December	29.929	30.42	29.36	28.3	32.3	38.7	23.7	31.2	59	5	23	25	78	76	.148	.153	7.65	2.02	5.3	4.9	4.6
Year	29.856	30.60	29.16	46.5	49.4	56.9	41.3	49.1	97	− 1	39	41	75	74	.300	.323	52.61	4.03	4.9	4.8	4.5

NEW ORLEANS, LA.

[λ=29° 58′ N.; φ=90° 04′ W.]

January	30.102	30.52	29.75	50.5	57.4	63.8	47.4	55.6	75	36	45	48	82	73	.318	.356	4.24	2.18	4.6	3.5	4.5
February	30.027	30.36	29.64	49.0	55.4	60.5	46.3	53.4	80	31	42	45	78	69	.292	.315	5.78	1.38	5.8	4.4	5.0
March	29.960	30.41	29.56	55.1	63.6	69.7	52.9	61.3	81	35	46	49	74	63	.349	.351	4.26	1.68	3.8	4.2	3.3
April	29.966	30.27	29.54	59.8	68.4	74.7	57.5	66.1	86	47	52	52	76	58	.404	.405	7.79	5.92	3.8	3.8	3.8
May	29.838	30.09	29.56	68.6	77.4	84.4	65.9	75.2	89	58	62	60	78	58	.558	.539	1.08	.76	4.3	3.9	3.4
June	29.911	30.05	29.74	77.5	82.2	90.1	73.6	81.8	98	68	70	70	79	69	.745	.744	4.46	1.96	3.3	3.1	5.0
July	29.920	30.11	29.78	79.5	82.1	90.1	75.0	82.6	102	70	73	73	82	76	.820	.819	10.71	4.07	4.1	6.4	6.2
August	29.878	30.03	29.37	78.0	81.1	89.4	74.9	82.2	96	70	74	73	86	78	.829	.819	5.80	1.19	3.9	7.0	5.2
September	29.915	30.03	29.74	73.2	77.9	85.1	71.2	78.2	92	55	68	69	83	74	.703	.716	3.30	1.55	3.3	4.7	4.6
October	30.062	30.26	29.76	64.0	71.2	77.4	62.7	70.0	86	58	58	56	80	62	.492	.478	2.67	.91	2.7	1.0	2.9
November	30.129	30.40	29.85	52.6	59.8	67.4	51.5	59.4	80	43	45	48	76	66	.321	.358	2.78	1.96	4.2	1.7	3.6
December	30.038	30.52	29.53	47.4	52.4	60.6	43.5	52.0	79	28	42	44	83	74	.312	.333	4.86	2.90	6.3	4.2	5.5
Year	29.978	30.52	29.37	62.9	69.1	76.1	60.2	68.2	102	28	56	57	80	68	.522	.522	57.73	5.92	4.2	4.2	4.4

a For 30 days.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

NASHVILLE, TENN.

[H=546 ft.; h_t=122 ft.; h_r=115 ft.; h_a=131 ft.]

Month	Wind. By self-registers. Average hourly velocity.	Wind. By self-registers. Prevailing direction.	Wind. By self-registers. Maximum velocity.	Wind. By self-registers. Direction at time of maximum velocity.	Wind. By self-registers. Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	Precipitation. 0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Maximum temp. Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Electricity. Auroras.
	Miles.		*Mi.*																								
January	7.5	NW.	33	NW.	0	8	3	2	7	9	9	5	17	2	11	13	7	8	6	0	0	1	0	0	19	1	0
February	7.5	NW.	35	SE.	0	8	2	4	2	6	8	6	20	0	8	11	9	7	5	3	0	0	3	0	21	0	0
March	11.1	S.	58	SE.	2	4	1	1	4	20	10	7	15	0	12	8	11	12	8	1	0	0	0	0	5	2	0
April	8.5	NW.	40	S.	1	11	11	1	5	1	3	6	22	0	9	6	15	12	10	0	0	0	0	0	0	1	0
May	5.2	NW.	30	NW.	0	11	4	3	2	7	7	7	21	0	12	8	11	12	7	0	0	0	1	0	1	3	0
June	5.5	SW.	36	SE.	0	4	6	7	4	7	12	8	12	0	15	11	4	6	5	0	0	0	0	0	0	0	0
July	5.7	SW.	29	NW.	0	6	10	2	6	6	19	5	8	0	19	11	1	5	5	0	0	0	0	15	0	10	0
August	5.4	SE.	30	NE.	0	7	11	6	13	8	5	8	5	0	13	7	11	16	14	0	0	1	0	6	0	7	0
September	5.2	NE.	28	S.	0	10	11	5	8	6	6	4	8	2	19	5	6	7	6	0	0	3	0	2	0	2	0
October	4.9	NW.	32	S.	0	7	5	3	9	9	6	4	15	4	25	5	1	4	3	0	0	2	0	0	0	0	0
November	6.2	NW.	28	NW.	0	8	4	6	8	7	5	6	16	0	20	5	5	6	5	0	0	0	0	0	15	0	0
December	7.9	NW.	36	S.	0	7	7	4	10	15	2	5	12	0	6	9	16	14	8	5	0	3	8	0	16	1	0
Year	6.7	NW.	58	SE.	3	91	75	43	78	101	92	71	171	8	169	99	97	109	82	9	0	11	11	50	76	33	0

NEAH BAY, WASH.

[H=50 ft.; h_t=7 ft.; h_r=2 ft.; h_a=50 ft.]

Month	Wind. By self-registers. Average hourly velocity.	Wind. By self-registers. Prevailing direction.	Wind. By self-registers. Maximum velocity.	Wind. By self-registers. Direction at time of maximum velocity.	Wind. By self-registers. Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	Precipitation. 0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Maximum temp. Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Electricity. Auroras.
January	8.1	E.	36	SW.	0	0	0	23	5	2	20	6	0	6	7	1	23	23	22	7	0	0	0	0	6	0	0
February	10.2	E.	44	E.	2	0	1	33	1	0	3	14	0	4	10	2	16	17	15	2	0	0	0	0	3	0	0
March	7.1	W.	36	W.	0	0	0	14	11	3	6	25	3	0	1	6	24	26	23	0	0	0	0	0	0	0	0
April	6.4	SW.	30	W.	0	0	0	1	8	5	1	23	14	6	2	6	8	16	18	2	0	0	0	0	0	1	0
May	6.4	W.	30	W.	0	0	0	1	8	6	2	15	27	3	0	6	9	16	22	17	0	0	2	0	0	0	0
June	7.6	W.	36	W.	0	0	0	0	7	2	2	17	27	5	0	4	6	20	19	15	0	0	0	0	0	0	0
July	6.8	W.	28	NW.	0	1	0	0	4	0	2	19	24	7	5	10	6	15	10	7	0	0	1	0	0	0	0
August	6.2	W.	24	SW.	0	0	0	0	6	3	0	15	15	14	9	19	5	7	2	1	0	0	5	0	0	0	0
September	7.0	E.	27	E.	0	1	1	17	10	0	12	16	1	2	13	5	12	11	8	0	0	0	3	0	0	0	0
October	8.3	E.	42	W.	1	0	1	23	6	4	18	9	1	0	9	4	18	18	16	0	0	0	3	0	0	0	0
November	8.9	E.	36	W.	0	0	0	25	10	4	12	9	0	0	0	4	26	29	27	0	1	0	0	0	0	1	0
December	11.4	SE.	60	W.	4	1	1	11	21	5	14	8	1	0	4	4	23	22	22	0	0	0	0	0	1	2	0
Year	7.9	W.	60	W.	7	3	6	179	80	25	174	194	41	28	89	60	216	218	191	9	1	14	0	0	10	4	0

NEW HAVEN, CONN.

[H=106 ft.; h_t=117 ft.; h_r=110 ft.; h_a=140 ft.]

Month	Wind. By self-registers. Average hourly velocity.	Wind. By self-registers. Prevailing direction.	Wind. By self-registers. Maximum velocity.	Wind. By self-registers. Direction at time of maximum velocity.	Wind. By self-registers. Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	Precipitation. 0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Maximum temp. Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Electricity. Auroras.
January	9.9	N.	33	NW.	0	21	4	2	0	2	8	13	12	0	11	10	10	11	7	6	0	1	7	0	28	0	0
February	11.2	NW.	37	NW.	0	5	0	1	0	0	8	16	26	0	21	4	3	6	3	6	0	0	18	0	28	0	0
March	11.0	NW.	32	NW.	0	6	9	4	3	5	11	13	11	0	10	7	14	14	10	3	0	1	1	0	20	2	0
April	13.3	NE.	45	NE.	2	18	19	5	7	5	0	0	6	0	9	4	17	13	12	0	0	1	0	0	0	3	0
May	9.8	S.	35	W.	0	10	13	5	8	15	5	4	2	0	9	8	14	17	15	0	0	1	0	0	0	0	0
June	7.8	S.	30	E.	0	5	5	2	9	16	11	6	6	0	22	5	3	6	2	0	0	1	0	2	0	0	0
July	6.8	SW.	32	W.	0	7	7	2	7	9	22	6	2	0	12	11	8	15	10	0	1	2	0	0	0	0	0
August	6.9	S.	27	SE.	0	15	4	5	6	13	12	4	3	0	14	8	9	9	7	0	0	0	0	3	0	10	0
September	7.1	SW.	34	SW.	0	16	0	1	1	8	15	8	11	0	19	3	8	10	9	0	0	0	0	0	0	0	0
October	8.6	N.	36	SW.	0	14	2	2	5	8	13	4	14	0	22	6	3	7	4	1	0	0	0	0	1	2	0
November	10.2	NW.	43	N.	1	17	2	0	0	0	8	9	24	0	10	8	12	7	2	1	0	0	2	0	0	0	0
December	10.4	N.	39	S.	0	23	1	3	4	5	11	4	11	0	13	9	9	13	12	5	0	2	10	0	21	0	0
Year	9.4	N.	45	NE.	3	157	66	32	50	86	124	87	128	0	172	83	110	128	98	21	1	10	38	5	113	24	0

NEW ORLEANS, LA.

[H=51 ft.; h_t=88 ft.; h_r=78 ft.; h_a=121 ft.]

Month	Wind. By self-registers. Average hourly velocity.	Wind. By self-registers. Prevailing direction.	Wind. By self-registers. Maximum velocity.	Wind. By self-registers. Direction at time of maximum velocity.	Wind. By self-registers. Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	Precipitation. 0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Maximum temp. Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Electricity. Auroras.
January	8.7	N.	30	NW.	0	13	9	8	4	6	10	6	6	0	18	5	8	10	8	0	0	2	0	0	0	2	0
February	9.8	N.	30	N.	0	14	14	1	11	4	6	3	3	0	12	5	11	11	10	0	0	1	0	0	1	0	0
March	11.1	S.	39	S.	0	8	5	0	15	8	8	6	11	1	17	10	4	7	7	0	0	3	0	0	0	4	0
April	9.4	NW.	44	S.	1	4	10	3	10	7	5	3	17	1	19	6	5	3	3	0	0	2	0	0	0	3	0
May	7.8	SW.	26	N.	0	6	2	1	4	17	15	9	8	0	17	12	2	5	3	0	0	0	0	0	0	4	0
June	6.6	SE.	35	NE.	0	2	8	4	27	9	3	4	3	0	9	16	5	9	7	0	0	0	0	14	0	7	0
July	6.5	SE.	29	NW.	0	3	11	3	9	11	10	7	8	0	4	15	12	17	17	0	0	0	0	16	0	18	0
August	7.2	SW.	49	NE.	1	1	6	4	7	14	16	7	7	0	6	19	6	15	11	0	0	0	0	12	0	13	0
September	8.3	NE.	24	NE.	0	4	27	2	14	11	1	0	1	0	13	11	6	7	7	0	0	0	0	7	0	3	0
October	7.6	NE.	25	N.	0	11	23	3	13	2	0	1	8	1	19	9	3	5	4	0	0	2	0	0	0	2	0
November	8.2	NE.	34	NW.	0	6	20	2	13	4	3	1	7	2	18	7	5	8	6	0	0	1	0	0	0	2	0
December	10.6	SE.	36	S.	0	11	14	3	11	8	4	4	7	0	8	12	11	7	6	1	0	1	0	0	7	4	0
Year	8.5	NE.	49	NE.	2	85	149	34	138	101	81	51	86	5	160	127	78	104	89	1	0	12	0	49	8	62	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

NEW YORK, N. Y.

[λ=40° 43′ N.; φ=74° 0′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.644	30.37	28.76	29.5	32.3	37.2	25.8	31.5	53	4	22	22	74	66	.122	.127	2.07	1.23	6.0	3.8	5.8
February	29.524	30.01	29.19	22.2	26.8	30.8	20.4	25.6	42	12	13	13	66	53	.079	.078	.86	.53	3.8	3.4	4.0
March	29.561	29.99	29.02	36.0	39.4	45.1	32.1	38.6	53	12	27	28	69	66	.158	.165	5.18	2.93	6.3	5.4	6.4
April	29.599	30.14	29.02	46.6	48.7	55.5	43.4	49.4	80	36	35	37	68	66	.215	.225	6.82	2.67	7.1	7.6	7.3
May	29.543	29.83	29.14	55.8	58.1	65.4	51.8	58.6	82	44	47	48	74	73	.334	.350	7.01	1.49	6.7	6.0	6.3
June	29.650	29.88	29.41	67.9	72.0	79.8	62.9	71.4	97	53	57	58	70	63	.489	.501	.94	.49	4.5	4.2	3.7
July	29.621	29.91	29.46	74.2	77.6	85.2	71.0	78.1	99	64	66	68	78	73	.657	.691	5.41	2.03	7.0	7.2	6.3
August	29.706	29.90	29.53	72.5	75.1	81.7	69.5	75.6	88	63	66	66	80	75	.641	.651	6.88	2.75	5.9	6.1	6.0
September	29.733	30.18	29.39	65.5	69.3	75.3	61.6	68.4	87	49	58	59	78	70	.504	.511	2.33	.57	4.4	3.4	4.4
October	29.806	30.28	29.27	52.0	57.9	63.5	48.6	56.0	75	38	43	46	72	65	.293	.326	2.20	1.81	2.8	2.9	3.7
November	29.645	30.09	29.08	37.5	40.0	44.7	34.7	39.7	60	17	29	29	69	64	.164	.165	1.31	.97	5.4	3.1	5.6
December	29.709	30.15	29.15	31.7	35.0	40.6	28.3	34.4	59	15	26	27	78	73	.156	.165	6.05	2.00	5.4	4.8	5.8
Year	29.645	30.37	28.76	49.3	52.7	58.7	45.8	52.3	99	4	41	42	73	67	.318	.330	47.06	2.93	5.4	4.8	5.4

NORFOLK, VA.

[λ=36° 51′ N.; φ=76° 17′ W.]

January	29.949	30.70	29.22	37.3	41.9	48.4	34.0	41.2	74	21	33	32	82	69	.196	.197	2.09	.67	5.5	4.3	6.0
February	29.893	30.30	29.51	31.6	37.4	43.4	28.6	36.0	60	16	24	24	73	57	.138	.130	1.15	.58	3.7	2.2	3.6
March	29.862	30.39	29.26	46.4	52.9	60.1	42.5	51.3	72	18	39	39	75	62	.255	.266	3.24	1.40	4.8	3.8	5.4
April	29.841	30.31	29.27	48.7	51.1	58.5	45.6	52.0	79	41	41	40	75	69	.260	.259	4.40	1.85	5.8	6.7	6.1
May	29.760	30.09	29.43	61.9	63.9	72.9	56.1	64.5	87	46	55	55	80	76	.452	.452	2.59	.86	6.5	5.1	6.3
June	29.917	30.13	29.68	71.9	74.4	83.1	66.1	74.6	96	59	67	66	85	76	.668	.639	3.77	2.00	4.3	4.2	4.4
July	29.880	30.03	29.72	78.0	80.2	89.0	73.0	81.0	100	68	72	72	83	76	.790	.776	3.15	.94	4.6	4.8	5.0
August	29.942	30.05	29.80	75.9	76.5	85.1	71.5	78.3	92	65	72	71	87	83	.780	.754	9.92	2.82	5.2	4.4	5.2
September	29.964	30.28	29.68	70.8	71.7	78.6	67.0	72.8	90	57	65	65	84	79	.635	.618	5.80	3.23	4.6	3.5	4.9
October	30.078	30.40	29.59	57.8	60.6	67.9	54.0	61.0	80	42	52	52	81	75	.401	.405	2.84	2.05	3.0	2.8	3.8
November	29.985	30.39	29.43	42.3	47.0	52.9	39.5	46.2	78	22	37	35	80	62	.229	.210	.81	.57	3.1	3.2	4.0
December	30.002	30.88	29.37	38.1	43.1	51.2	34.0	42.6	71	16	32	34	79	70	.210	.225	3.35	.79	4.9	3.9	5.1
Year	29.923	30.70	29.22	55.1	58.4	65.9	51.0	58.5	100	16	49	49	80	71	.418	.411	42.61	8.23	4.7	4.1	5.0

NORTHFIELD, VT.

[λ=44° 10′ N.; φ=72° 41′ W.]

January	28.983	29.70	28.06	11.2	16.8	25.1	5.9	15.5	45	−24	7	12	82	78	.072	.081	1.43	.51	6.7	7.0	7.1
February	28.814	29.36	28.45	8.0	13.4	19.2	4.2	11.7	34	−13	2	6	73	70	.047	.056	.18	.12	6.4	6.2	6.6
March	28.917	29.48	28.38	22.8	28.0	34.2	16.6	25.4	47	−12	16	20	76	72	.101	.116	3.31	1.07	7.5	8.5	8.3
April	29.073	29.57	28.60	41.3	45.9	53.9	34.8	44.4	79	22	34	35	76	68	.203	.211	3.12	1.16	7.2	7.1	6.8
May	28.949	29.27	28.54	51.4	54.8	62.8	43.4	53.1	86	29	45	46	80	75	.307	.326	3.91	.95	7.2	6.4	7.1
June	29.013	29.24	28.78	63.6	65.6	76.2	51.4	63.8	95	34	56	59	78	79	.467	.510	2.97	1.24	5.1	5.2	5.2
July	29.023	29.35	28.82	67.7	68.8	79.7	56.3	68.0	94	42	60	62	78	79	.533	.558	4.86	2.10	5.5	6.4	6.2
August	29.121	29.39	28.87	63.3	65.5	76.7	55.1	65.9	84	43	58	60	86	84	.498	.529	3.02	1.15	6.1	6.8	7.1
September	29.128	29.60	28.61	52.7	57.0	69.5	44.7	57.1	86	24	49	52	88	84	.359	.404	1.79	.49	4.6	3.4	5.1
October	29.148	29.71	28.58	41.5	45.4	57.0	34.4	45.7	71	19	36	38	80	76	.224	.243	1.52	.66	6.2	4.5	6.1
November	28.994	29.41	28.21	25.5	27.1	34.7	20.0	27.4	58	− 8	21	22	83	80	.117	.121	.89	.87	8.8	6.1	8.2
December	29.068	29.56	28.53	19.1	21.9	30.0	13.1	21.6	60	−17	16	18	87	82	.111	.108	4.42	1.00	7.5	5.9	7.5
Year	29.019	29.71	28.06	39.0	42.5	51.6	31.7	41.6	95	−24	33	36	81	77	.253	.272	31.42	2.10	6.6	6.1	6.8

NORTH PLATTE, NEBR.

[λ=41° 08′ N.; φ=100° 45′ W.]

January	27.092	27.45	26.69	15.5	32.1	42.4	12.5	27.4	64	−12	9	14	72	46	.066	.084	.04	.04	2.5	2.8	3.5
February	27.143	27.51	26.66	13.8	26.6	33.1	10.0	21.6	58	−18	9	18	81	68	.072	.101	.44	.20	4.2	4.9	5.1
March	26.967	27.52	26.48	26.8	41.6	48.8	23.9	36.4	76	6	21	26	78	57	.115	.139	1.53	.58	4.4	5.2	5.5
April	27.090	27.35	26.68	40.3	54.3	58.3	38.8	48.6	88	24	36	38	82	59	.219	.233	2.53	1.12	4.9	5.5	5.7
May	27.022	27.58	26.61	52.4	69.0	73.1	48.9	61.0	87	38	45	46	79	46	.316	.321	1.83	1.24	3.8	3.8	3.8
June	26.950	27.23	26.64	61.4	76.8	82.4	58.0	70.2	99	36	55	58	48	58	.448	.509	3.69	1.44	4.7	5.5	5.2
July	27.033	27.30	26.75	69.6	90.8	95.0	67.1	81.0	102	57	60	62	71	39	.514	.555	.34	.24	2.2	3.5	3.0
August	27.134	27.35	26.89	63.2	81.1	87.1	61.7	74.4	98	50	58	62	84	54	.488	.554	2.00	.80	3.2	5.4	5.1
September	27.049	27.40	26.59	53.2	66.6	73.7	50.7	62.2	88	31	50	54	88	65	.369	.428	3.14	1.04	4.7	3.9	4.8
October	27.168	27.46	26.79	42.4	59.0	67.9	40.7	54.3	81	31	38	44	85	60	.236	.296	.41	.19	3.7	3.9	4.0
November	27.176	27.53	26.74	30.4	44.4	55.8	26.8	41.3	69	15	25	28	80	52	.159	.162	.30	.20	3.9	3.4	4.0
December	27.090	27.54	26.56	19.4	29.4	39.0	15.5	27.2	67	−30	16	20	84	67	.099	.113	.19	.14	4.3	4.9	5.5
Year	27.076	27.58	26.48	40.7	55.9	63.0	37.9	50.5	102	−30	35	39	75	56	.257	.290	16.44	1.44	3.9	4.4	4.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

NEW YORK, N. Y.

[H=314 ft.: h_1=108 ft.; h_2=304 ft.; h_3=350 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	17.7	NW.	72	NW.	9	5	7	3	2	2	10	6	27	0	9	9	13	12	8	7	0	0	6	0	22	0	0
February	22.6	NW.	70	NW.	15	3	2	0	1	0	4	15	31	0	14	10	4	4	4	4	0	0	17	0	28	0	0
March	18.2	NW.	62	NW.	10	5	8	6	2	5	8	6	22	0	7	9	15	14	10	0	0	2	1	0	10	0	0
April	17.3	NE.	52	NW.	8	7	19	8	8	2	3	0	13	0	6	3	21	14	9	0	0	0	0	0	0	0	0
May	18.1	NE.	62	NW.	3	3	12	10	10	9	5	4	9	0	8	8	15	17	15	0	0	0	0	0	3	0	0
June	10.7	S.	40	NW.	1	9	3	7	8	13	11	5	13	0	18	8	4	6	5	0	0	0	0	5	0	4	0
July	9.1	SW.	66	NW.	3	2	10	6	10	6	15	8	5	0	6	11	14	16	11	0	0	0	0	7	0	13	0
August	9.2	SE.	39	SE.	0	5	8	7	13	8	10	5	6	0	9	11	11	11	7	0	0	0	0	0	0	8	0
September	9.9	NW.	40	W.	1	7	10	5	3	10	10	5	10	0	15	6	9	12	8	0	0	0	0	0	0	3	0
October	12.6	NW.	59	NW.	5	4	7	3	5	8	14	5	16	0	17	9	5	5	3	0	0	3	0	0	0	1	0
November	18.7	NW.	72	NW.	11	4	4	1	0	2	7	8	34	0	10	8	12	8	5	2	0	0	2	0	10	0	0
December	16.1	NW.	66	NW.	9	9	5	4	3	5	10	8	18	0	8	12	11	14	9	2	0	2	10	0	17	0	0
Year	14.6	NW.	72	NW.	75	64	96	60	65	70	107	75	204	0	127	104	134	133	94	15	0	7	36	12	87	32	0

NORFOLK, VA.

[H=91 ft.; h_1=102 ft.; h_2=96 ft.: h_3=111 ft.]

January	10.0	N.	46	NW.	2	14	9	1	4	12	7	9	6	0	12	5	14	9	7	3	0	1	0	0	12	0	0
February	10.4	NW.	37	NW.	0	6	6	2	10	9	3	6	14	0	17	6	5	7	5	3	0	1	0	0	19	0	0
March	11.4	S.	36	S.	0	7	4	1	7	23	7	7	6	0	9	11	11	13	7	2	1	3	1	0	5	3	0
April	12.0	NW.	45	SE.	2	11	6	5	11	4	3	7	13	0	9	7	14	10	8	0	0	0	0	0	0	2	0
May	9.2	SE.	36	N.	0	7	10	9	16	6	10	4	0	0	6	11	14	16	12	0	0	1	0	0	0	6	0
June	8.3	S.	26	NW.	0	3	9	1	17	16	6	4	3	1	15	10	5	9	8	0	0	0	0	0	5	1	0
July	9.6	S.	36	SW.	0	3	4	6	9	21	15	1	3	0	14	7	10	14	10	0	1	0	0	15	0	8	0
August	8.1	S.	26	NW.	0	3	9	2	9	22	9	3	5	0	9	15	7	13	12	0	0	1	0	4	0	8	0
September	9.2	NE.	26	N.	0	13	19	4	5	8	7	0	4	0	15	7	8	9	7	0	0	0	0	1	0	2	0
October	7.9	NE.	26	NW.	0	14	18	4	7	7	3	2	5	2	15	11	5	4	3	0	0	0	0	0	0	1	0
November	9.5	N.	34	SW.	0	17	4	1	5	3	6	11	13	0	17	5	8	5	4	0	0	1	0	0	4	0	0
December	10.3	S.	36	S.	0	16	3	2	6	17	2	4	11	1	13	8	10	12	10	2	0	1	3	0	12	0	0
Year	9.7	S.	46	NW.	4	114	101	38	106	148	78	58	83	4	151	103	111	121	93	10	2	14	5	25	52	30	0

NORTHFIELD, VT.

[H=876 ft.; h_1=15 ft.; h_2=2 ft.; h_3=65 ft.]

January	9.7	S.	42	S.	1	23	0	1	2	27	2	1	6	0	4	11	16	12	7	11	0	0	23	0	31	0	0
February	11.9	N.	48	NW.	2	24	2	0	1	18	0	1	10	0	4	10	14	6	1	6	0	0	26	0	28	0	0
March	10.7	S.	48	S.	2	23	0	0	1	31	4	0	3	0	1	7	23	16	9	12	0	0	9	0	30	0	0
April	8.4	N.	34	S.	0	26	7	4	4	18	0	0	1	0	8	4	18	14	12	2	0	0	0	0	10	0	0
May	9.6	S.	42	NW.	2	15	5	2	5	29	0	0	6	0	3	14	14	18	18	0	0	1	0	0	1	1	0
June	7.8	S.	32	SE.	0	12	2	1	6	25	6	2	6	0	10	13	7	11	8	0	0	0	0	3	0	8	0
July	6.9	S.	38	N.	0	19	8	0	2	25	2	2	4	0	5	14	12	12	11	0	0	0	0	3	0	6	0
August	6.7	S.	25	SW.	0	12	3	1	3	40	1	0	2	0	1	15	15	9	7	0	0	1	0	0	0	1	0
September	6.6	S.	35	SW.	0	7	3	2	4	35	5	2	2	0	13	6	11	10	8	0	0	0	0	0	4	1	0
October	9.1	S.	44	NW.	2	11	1	0	3	36	1	2	8	0	7	12	12	13	7	1	0	0	0	0	14	0	0
November	8.8	N.	38	NW.	0	23	1	1	3	21	2	0	9	0	2	7	21	12	7	10	0	0	10	0	29	0	0
December	9.4	N.	48	S.	3	27	2	0	3	19	4	1	6	0	3	9	19	13	12	9	0	1	16	0	29	0	0
Year	8.8	S.	48	NW.	12	222	34	12	37	324	27	11	63	0	61	122	182	146	107	51	0	3	84	6	176	17	0

NORTH PLATTE, NEBR.

[H=2,821 ft.; h_1=43 ft.; h_2=35 ft.; h_3=52 ft.]

January	7.5	W.	43	NW.	1	2	1	3	6	8	10	18	14	0	18	10	3	1	1	1	0	0	8	0	31	0	0
February	8.1	W.	36	NW.	0	7	4	2	4	6	7	16	10	0	10	10	8	6	5	6	0	0	16	0	28	0	0
March	12.8	NW.	53	NW.	4	8	1	3	8	1	6	11	24	0	10	11	10	9	6	9	0	0	4	0	26	0	0
April	11.8	SE.	43	SE.	1	3	1	14	15	12	1	3	11	0	10	11	9	10	8	2	0	0	0	0	8	0	0
May	8.8	SE.	38	S.	0	5	4	8	18	8	4	7	6	2	16	11	4	8	7	0	0	0	0	0	0	5	0
June	9.7	SE.	41	W.	1	3	5	8	15	10	5	9	5	0	8	17	5	8	6	0	0	0	0	7	0	9	0
July	8.3	SE.	36	W.	0	2	6	9	18	14	6	3	4	0	21	10	0	3	2	0	0	0	0	27	0	4	0
August	8.0	SE.	32	S.	0	3	7	12	19	7	4	4	6	0	12	15	4	12	11	0	0	0	0	7	0	7	0
September	9.3	SE.	40	S.	1	3	6	12	20	3	1	5	10	0	12	13	5	7	7	0	0	0	0	0	1	9	0
October	7.8	SE.	42	NW.	1	4	4	5	13	4	11	12	9	0	16	12	3	4	3	0	0	0	0	0	2	1	0
November	7.7	W.	44	NW.	1	4	1	2	13	8	7	16	8	1	16	12	2	2	2	0	0	0	0	0	25	0	0
December	9.0	W.	38	NW.	0	5	4	4	3	4	9	20	13	0	9	14	8	2	2	2	0	0	8	0	31	0	0
Year	9.1	SE.	53	NW.	10	49	44	82	152	85	71	124	120	3	158	146	61	72	60	20	0	0	36	41	152	35	0

a By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

OKLAHOMA, OKLA.

[λ=35° 26′ N.; φ=97° 33′ W.]

Month.	Pressure.			Temperature.							Moisture.											Cloudiness.		
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.							
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.				8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.						
January	28.810	29.20	28.26	32.8	43.4	50.9	29.1	40.0	68	9	25	27	74	54	.145	.154	.51	.51				3.2	4.1	4.5
February	28.808	29.21	28.27	29.7	40.7	46.4	26.8	36.6	66	13	24	27	78	60	.132	.152	.64	.30				4.9	5.4	6.3
March	28.622	29.23	28.08	38.4	54.4	62.4	35.2	48.8	84	14	27	28	64	40	.158	.170	.35	.15				4.1	3.9	3.9
April	28.720	29.06	28.10	49.0	64.0	69.2	46.6	57.9	89	31	39	38	69	44	.248	.244	1.28	.86				5.9	4.7	5.2
May	28.598	29.06	28.30	58.6	73.5	78.3	56.4	67.4	93	45	50	50	74	49	.372	.393	3.64	1.83				4.6	4.5	5.2
June	28.620	28.84	28.38	70.7	84.6	89.1	68.3	78.7	96	51	62	62	75	48	.567	.559	1.62	1.07				3.0	2.9	3.1
July	28.670	28.84	28.43	75.7	91.6	96.0	73.8	84.9	102	66	64	60	68	37	.607	.531	.02	.02				3.5	4.0	4.0
August	28.682	28.86	28.46	71.9	88.0	93.5	70.5	82.0	104	64	64	60	77	42	.605	.584	3.03	1.85				4.3	3.2	4.0
September	28.691	29.00	28.38	64.3	77.6	84.0	63.0	73.5	92	41	58	57	80	52	.493	.496	.67	.37				4.4	4.2	5.0
October	28.818	29.13	28.54	56.4	69.6	77.6	54.7	66.2	92	35	50	50	80	51	.367	.371	1.34	.75				3.8	3.7	4.3
November	28.859	29.22	28.43	42.9	54.6	62.1	40.3	51.2	79	26	36	38	74	55	.231	.252	1.38	1.18				4.9	4.3	5.2
December	28.765	29.34	28.26	29.5	39.4	46.3	26.3	36.3	70	— 2	24	26	79	59	.140	.147	1.26	.69				4.1	3.3	4.4
Year	28.722	29.34	28.08	51.7	65.1	71.3	49.2	60.3	104	— 2	44	44	74	49	.339	.334	15.74	1.85				4.2	4.0	4.6

OMAHA, NEBR.

[λ=41° 16′ N.; φ=95° 56′ W.]

January	28.867	29.32	28.34	22.3	30.8	36.4	19.3	27.8	54	0	19	22	87	69	.106	.117	.31	.21				3.6	3.7	4.4
February	28.927	29.41	28.42	17.1	26.9	31.0	14.7	22.8	46	0	14	21	87	77	.082	.113	.66	.36				4.2	4.9	4.5
March	28.664	29.24	28.02	30.9	39.9	46.3	27.5	36.9	75	6	25	30	80	71	.141	.173	2.07	.70				6.4	6.3	6.5
April	28.877	29.26	28.25	45.0	57.3	61.5	42.4	52.0	88	30	38	41	76	56	.226	.265	.89	.40				6.0	4.8	5.3
May	28.735	29.29	28.40	56.0	66.8	72.5	52.6	62.6	87	42	47	49	73	57	.331	.357	2.13	1.36				4.5	4.5	4.9
June	28.682	29.03	28.38	67.3	80.8	85.4	64.0	74.7	100	45	59	a60	75	a51	.510	a.528	5.31	1.31				5.1	3.9	4.8
July	28.738	28.99	28.44	76.8	90.8	96.7	73.5	85.1	105	64	61	64	60	44	.553	.605	2.98	.78				2.9	2.3	2.4
August	28.829	29.01	28.64	68.2	82.4	87.5	65.9	76.7	99	58	59	57	73	44	.500	.477	.65	.45				3.5	3.2	4.2
September	28.789	29.15	28.38	57.2	70.0	75.7	55.2	65.4	92	32	50	52	79	56	.380	.412	6.83	1.40				5.2	4.0	5.6
October	28.903	29.21	28.59	49.2	61.4	67.8	47.7	57.8	83	36	43	47	78	61	.284	.333	1.96	1.04				3.6	3.7	4.7
November	28.955	29.33	28.42	33.4	42.7	49.9	30.5	40.2	67	19	27	32	78	67	.153	.187	.56	.48				3.5	2.7	4.5
December	28.866	29.43	28.31	19.6	25.4	30.8	16.3	23.6	53	—16	17	20	88	81	.104	.121	.73	.29				5.1	5.6	5.8
Year	28.819	29.43	28.02	45.2	56.3	61.8	42.5	52.1	105	—16	38	41	78	61	.282	.307	25.08	1.40				4.5	4.1	4.8

OSWEGO, N. Y.

[λ=43° 29′ N.; φ=76° 35′ W.]

January	29.602	30.37	28.83	21.1	25.2	31.2	16.1	23.6	46	— 4	18	21	88	84	.103	.116	2.73	.89				9.0	8.4	9.2
February	29.532	29.93	29.20	16.5	20.4	24.5	12.8	18.6	34	— 2	13	15	85	77	.077	.088	1.55	.50				8.2	7.3	8.1
March	29.500	29.93	29.00	27.0	32.0	37.1	23.2	30.2	52	0	22	26	81	78	.126	.146	3.66	.84				7.0	7.4	8.2
April	29.641	30.16	29.18	42.4	45.2	50.6	37.2	43.9	68	30	35	36	77	74	.208	.216	4.95	1.40				7.0	6.2	6.8
May	29.500	29.85	29.14	52.6	54.6	61.1	46.9	54.0	76	39	45	46	76	75	.303	.321	3.48	.83				6.7	7.7	6.7
June	29.579	29.83	29.31	63.3	65.8	73.5	55.9	64.7	94	43	55	56	76	71	.455	.468	4.23	1.42				5.3	5.5	4.9
July	29.571	29.90	29.36	70.9	73.7	80.2	65.5	72.8	87	56	63	63	77	70	.582	.583	3.08	1.32				5.0	4.6	4.6
August	29.646	29.84	29.43	67.3	69.9	76.1	62.2	69.2	88	56	61	61	80	75	.536	.548	4.90	1.62				5.7	6.0	5.5
September	29.678	30.15	29.12	59.4	63.0	69.4	54.7	62.0	82	39	53	53	80	72	.424	.425	3.13	.68				5.0	3.7	4.6
October	29.722	30.17	29.28	48.8	51.7	58.7	43.4	51.0	73	33	40	41	73	69	.264	.269	3.43	1.18				5.9	4.3	5.5
November	29.630	30.10	29.00	33.3	35.2	39.5	28.8	34.2	58	13	28	28	80	74	.158	.154	3.87	1.22				8.5	7.4	8.1
December	29.651	30.10	29.16	26.1	27.6	34.2	21.0	27.6	66	3	22	22	86	80	.131	.128	6.08	2.06				9.1	7.5	8.6
Year	29.604	30.37	28.83	44.1	47.0	53.0	39.0	46.0	94	— 4	38	39	80	75	.280	.288	45.09	2.06				6.9	6.3	6.7

PALESTINE, TEX.

[λ=31° 45′ N.; φ=95° 40′ W.]

January	29.600	29.95	29.19	46.3	56.0	61.6	43.9	52.8	72	27	39	40	76	58	.266	.273	3.14	2.80				5.3	4.7	5.9
February	29.549	29.89	29.09	41.7	52.4	57.0	39.7	48.4	79	21	38	45	87	76	.242	.317	2.85	1.03				6.8	5.9	6.2
March	29.421	30.04	28.80	49.2	63.5	68.8	47.8	58.3	87	28	44	54	84	73	.311	.439	2.91	.82				4.1	2.2	3.4
April	29.487	29.81	29.07	54.5	69.2	73.8	51.9	62.8	86	39	49	54	82	61	.361	.462	4.97	3.72				4.7	4.0	4.6
May	29.340	29.68	29.14	64.7	76.4	81.4	61.3	71.4	88	50	59	60	83	60	.514	.533	2.92	1.06				6.2	4.3	5.1
June	29.406	29.56	29.20	73.1	84.4	89.0	70.5	79.8	97	60	69	69	87	62	.708	.715	1.96	.75				4.4	3.3	4.1
July	29.429	29.62	29.27	75.8	85.8	93.4	73.4	83.4	101	69	71	69	85	59	.757	.712	.78	.28				4.0	4.4	4.7
August	29.391	29.56	29.18	75.3	87.8	93.5	73.5	83.5	99	70	71	68	88	55	.770	.696	3.45	3.66				3.7	3.5	3.6
September	29.433	29.67	29.19	66.8	77.9	84.3	65.5	74.9	93	49	63	64	87	64	.593	.612	10.57	3.82				3.4	3.9	4.2
October	29.591	29.82	29.26	58.9	70.6	78.5	57.6	68.0	90	42	54	56	85	60	.427	.461	2.70	2.38				2.2	1.7	3.1
November	29.637	29.94	29.34	50.4	59.7	66.9	49.0	58.0	78	36	45	44	83	59	.326	.316	2.54	1.48				4.7	2.7	4.8
December	29.548	30.20	29.04	39.8	50.3	56.8	37.4	47.1	77	13	34	35	80	58	.223	.227	2.43	1.64				3.1	2.5	4.1
Year	29.486	30.20	28.80	58.0	69.5	75.4	56.0	65.7	101	13	53	55	84	62	.468	.478	41.22	3.82				4.4	3.6	4.5

a For 29 days.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

OKLAHOMA, OKLA.

[H=1,214 ft.; h_t=54 ft.; h_r=46 ft.; h_a=62 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.7	N.	34	S.	0	23	4	0	3	14	9	3	6	0	16	7	8	1	1	0	0	4	2	0	19	0	0
February	10.3	N.	31	NW.	0	22	7	2	5	8	6	3	3	0	8	6	14	6	4	3	0	4	1	0	22	1	0
March	14.5	S.	48	S.	2	15	6	1	5	14	6	0	15	0	18	6	7	7	3	0	0	0	0	0	11	3	0
April	12.8	SE.	48	NW.	1	10	2	13	17	9	2	2	5	0	12	9	9	7	6	1	1	0	0	0	2	4	0
May	9.2	S.	30	S.	0	11	11	6	6	12	4	2	10	0	13	8	10	11	8	0	0	0	0	1	0	11	0
June	12.9	S.	33	S.	0	1	3	5	17	29	2	3	0	0	19	9	2	2	2	0	0	0	0	14	0	6	0
July	8.8	S.	25	S.	0	3	3	2	10	37	5	2	0	0	12	14	5	1	0	0	0	0	0	29	0	3	0
August	6.6	S.	26	NE.	0	4	10	15	9	14	4	3	3	0	16	12	3	6	5	0	0	0	0	25	0	7	0
September	10.2	SE.	32	N.	0	7	4	4	24	16	4	0	1	0	9	12	9	3	2	0	0	1	0	4	0	2	0
October	9.2	S.	30	S.	0	8	5	5	11	26	0	1	4	2	13	12	6	5	3	0	0	0	0	1	0	2	0
November	9.9	N.	36	N.	0	17	3	4	8	16	5	2	3	2	8	16	6	4	3	0	0	0	0	0	4	2	0
December	10.9	N.	36	N.	0	24	0	1	5	12	6	1	12	1	13	12	6	3	3	2	0	0	5	0	19	2	0
Year	10.4	S.	48	NW.	3	145	58	58	120	207	53	22	62	5	157	123	85	56	40	6	1	9	8	74	77	43	0

OMAHA, NEBR.

[H=1,105 ft.; h_t=115 ft.; h_r=107 ft.; h_a=121 ft.]

January	9.0	SW.	38	NW.	0	14	2	2	10	8	8	4	13	1	16	7	8	5	2	4	0	1	12	0	28	0	0
February	9.5	NW.	36	N.	0	10	2	2	4	6	6	6	18	2	11	10	7	2	2	2	0	0	15	0	27	0	0
March	12.5	NW.	40	N.	1	17	2	11	3	5	9	1	14	0	8	10	13	10	9	7	0	0	2	0	20	0	0
April	9.4	E.	40	N.	1	9	6	16	12	6	3	1	6	1	9	11	10	7	5	2	0	0	0	0	5	2	0
May	9.0	N.	36	N.	0	16	6	10	9	3	4	2	11	1	13	8	10	7	6	0	1	1	0	0	0	2	0
June	7.9	SE.	38	N.	0	7	4	9	18	10	4	3	3	2	9	16	5	11	11	0	1	0	0	11	0	13	0
July	6.8	SE.	32	SW.	0	5	6	7	21	14	4	1	2	2	20	11	0	8	7	0	0	0	6	23	0	9	0
August	5.8	SE.	24	NE.	0	15	9	7	18	3	1	1	3	5	13	13	5	6	5	0	0	0	0	9	0	3	0
September	7.6	SE.	26	SW.	0	6	6	7	23	4	5	6	3	0	8	12	10	13	11	0	1	0	0	1	1	9	0
October	7.5	S.	27	N.	0	11	2	5	5	13	11	5	6	4	14	8	9	8	7	0	1	1	0	0	0	7	0
November	8.4	N.	35	N.	0	13	3	5	8	8	7	6	10	0	13	11	6	4	3	3	0	1	1	0	19	0	0
December	9.1	N.	31	NW.	0	17	4	1	8	5	11	5	11	0	10	11	10	9	5	8	0	0	14	0	29	0	0
Year	8.5	SE.	40	N.	2	140	52	82	139	85	73	41	100	18	144	128	93	90	73	26	4	4	44	44	129	45	0

OSWEGO, N. Y.

[H=335 ft.; h_t=76 ft.; h_r=68 ft.; h_a=91 ft.]

January	13.6	SE.	38	NW.	0	4	5	1	17	9	8	2	16	0	0	5	26	21	14	17	0	1	14	0	30	0	0
February	14.6	NW.	33	NW.	0	4	0	2	2	5	18	4	21	0	2	4	22	18	6	18	0	0	26	0	28	0	0
March	14.7	SE.	48	S.	2	5	6	3	15	7	7	12	7	0	3	3	25	18	13	13	0	2	6	0	27	0	0
April	10.2	NE.	30	NE.	0	7	19	3	12	1	4	0	14	0	8	3	19	15	13	4	0	2	0	0	3	1	0
May	8.5	SE.	25	N.	0	3	7	4	18	7	5	15	3	0	6	8	17	20	15	0	0	0	6	0	0	3	0
June	8.1	W.	29	N.	0	3	4	1	13	12	8	13	1	0	11	11	8	8	8	0	2	2	0	1	0	7	0
July	7.8	W.	25	NE.	0	4	12	3	7	12	6	13	4	1	12	13	6	11	9	0	1	2	0	0	0	6	0
August	7.4	S.	28	SW.	0	3	8	5	9	19	3	7	7	1	7	15	9	12	10	0	1	1	0	0	0	7	1
September	9.0	S.	36	NE.	0	4	5	1	10	21	9	6	4	0	14	6	10	7	7	0	0	1	0	0	0	4	0
October	10.9	S.	32	NW.	0	5	1	1	4	30	9	4	8	0	9	13	9	11	10	0	3	0	0	0	0	4	0
November	13.5	NW.	39	NW.	0	7	3	1	9	14	3	1	22	0	5	2	23	17	13	10	1	0	5	0	21	0	1
December	12.6	S.	45	NW.	2	3	2	2	15	18	10	2	10	0	1	4	26	17	12	12	0	1	12	0	25	0	0
Year	10.9	S.	48	S.	4	52	72	27	131	155	90	84	117	2	78	87	200	175	130	74	8	18	63	1	134	32	2

PALESTINE, TEX.

[H=510 ft.; H_1=514 ft.; h_t=73 ft.; h_r=68 ft.; h_a=79 ft.]

January	8.8	S.	34	NW.	0	4	8	0	2	21	11	3	12	1	11	8	12	4	3	0	0	3	0	0	7	1	0
February	8.4	N.	25	NE.	0	15	13	4	5	7	2	7	3	0	8	7	13	10	10	1	1	0	0	0	3	2	0
March	11.1	S.	42	W.	1	12	3	1	4	22	8	5	7	0	19	5	7	6	5	0	1	0	0	0	1	4	0
April	8.1	S.	36	NW.	0	6	2	10	7	14	5	1	14	1	14	8	8	4	3	0	1	1	0	0	0	3	0
May	7.0	S.	48	NW.	1	9	4	3	7	17	10	3	7	2	11	10	10	8	7	0	0	1	0	0	0	8	0
June	6.2	S.	32	W.	0	2	6	2	12	20	14	2	1	1	14	12	4	4	4	0	0	1	0	15	0	4	0
July	6.2	S.	26	SE.	0	0	7	6	7	28	12	2	0	0	12	16	3	5	5	0	0	1	0	30	0	8	0
August	5.7	S.	26	NE.	0	11	9	11	9	16	5	0	0	1	19	8	4	4	3	0	0	1	0	27	0	5	0
September	6.0	NE.	24	N.	0	8	17	13	8	13	1	0	0	0	13	11	6	6	6	0	0	1	0	7	0	4	0
October	5.8	E.	24	N.	0	6	12	15	10	14	1	2	2	0	18	11	2	3	3	0	0	4	0	0	0	0	0
November	7.1	S.	26	N.	0	8	12	8	9	16	3	2	3	0	11	14	5	5	4	0	0	3	0	0	0	4	0
December	8.5	S.	32	NW.	0	11	5	6	8	14	2	8	13	0	14	10	7	5	4	1	0	1	3	0	8	2	0
Year	7.4	S.	48	NW.	2	92	98	79	88	201	74	30	62	6	164	120	81	64	57	2	4	16	3	79	19	45	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

PARKERSBURG, W. VA.

[λ=39° 16′ N.; φ=81° 36′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.402	30.01	28.88	29.7	35.0	41.0	26.2	33.6	60	10	27	30	90	84	.155	.175	1.18	.28	6.5	6.2	7.7
February	29.385	29.73	28.91	22.6	29.2	35.1	19.0	27.0	51	5	20	25	88	86	.109	.135	1.12	.78	6.0	6.2	7.1
March	29.249	29.61	28.79	38.6	46.2	53.6	34.9	44.2	78	4	33	34	81	64	.198	.203	2.21	.65	7.2	6.7	6.7
April	29.353	29.81	28.82	43.3	52.0	57.1	39.5	48.3	84	29	37	42	80	70	.228	.284	6.52	2.34	6.3	6.3	5.8
May	29.205	29.59	28.96	56.8	65.5	72.8	52.5	62.6	88	43	50	53	80	67	.371	.415	4.28	1.30	4.6	5.7	5.2
June	29.338	29.56	29.12	67.7	74.5	83.7	61.7	72.7	95	48	62	65	83	73	.578	.628	8.16	1.96	4.5	5.1	3.8
July	29.330	29.54	29.19	74.4	82.4	89.9	69.4	79.6	102	57	67	68	78	63	.668	.696	.69	.27	4.3	4.6	4.8
August	29.347	29.51	29.21	69.1	77.3	84.7	65.7	75.2	95	58	63	64	83	66	.585	.605	2.44	.63	4.9	5.2	4.8
September	29.414	29.69	29.02	59.4	68.2	76.1	55.7	65.9	88	40	55	58	87	71	.451	.494	2.96	.96	5.0	3.0	5.5
October	29.507	29.81	29.00	45.8	58.3	68.8	43.4	56.1	81	31	41	43	84	58	.266	.288	.23	.13	2.0	2.9	2.8
November	29.471	29.89	29.03	34.3	40.0	47.3	30.1	38.7	72	21	30	32	84	74	.167	.178	1.78	.79	7.2	5.4	6.4
December	29.400	29.79	28.87	28.3	33.4	39.8	24.2	32.0	72	− 5	25	29	88	84	.151	.172	3.57	1.50	7.0	5.9	7.3
Year	29.367	30.01	28.79	47.5	55.2	62.5	43.5	53.0	102	− 5	42	45	84	72	.327	.356	35.14	2.34	5.5	5.3	5.7

PENSACOLA, FLA.[a]

[λ=30° 25′ N.; φ=87° 13′ W.]

January	30.100	30.53	29.70	49.0	.....	60.8	45.6	53.2	71	34	43	....	79	....	.297	.....	3.18	1.50	5.1	.....	5.1
February	30.045	30.36	29.70	48.0	.....	58.9	45.7	52.3	67	27	39	....	71	....	.260	.....	3.44	.84	6.0	.....	5.6
March	29.969	30.44	29.64	56.3	.....	65.0	52.9	59.0	75	32	47	....	73	....	.360	.....	6.77	2.02	4.6	.....	4.7
April	29.960	30.31	29.53	59.9	.....	71.2	55.3	63.2	84	45	48	....	67	....	.359	.....	7.45	3.50	3.4	.....	3.6
May	29.831	30.05	29.56	71.1	.....	80.6	66.3	73.4	89	52	61	....	72	....	.555	.....	5.50	3.96	3.0	.....	3.4
June	29.925	30.06	29.77	78.6	.....	86.0	73.9	80.0	97	68	71	....	78	....	.753	.....	.27	.21	4.6	.....	4.4
July	29.937	30.11	29.82	81.1	.....	88.4	76.2	82.3	103	71	73	....	78	....	.815	.....	6.74	2.04	5.5	.....	5.8
August	29.896	30.04	29.69	79.4	.....	86.7	75.4	81.0	93	69	73	....	80	....	.804	.....	6.53	2.67	4.8	.....	5.8
September	29.920	30.02	29.57	74.3	.....	84.0	71.6	77.8	90	60	66	....	77	....	.660	.....	3.76	1.90	4.3	.....	4.6
October	30.069	30.27	29.76	63.6	.....	77.4	61.3	69.4	84	47	54	....	71	....	.432	.....	3.21	3.20	2.6	.....	2.5
November	30.125	30.41	29.92	50.1	.....	66.6	48.2	57.4	79	37	41	....	72	....	.280	.....	1.22	.82	3.2	.....	3.4
December	30.027	30.45	29.53	46.2	.....	59.0	41.7	50.4	71	17	42	....	83	....	.306	.....	4.05	1.32	5.7	.....	5.8
Year	29.984	30.53	29.53	63.1	.....	73.7	59.5	66.6	103	17	55	....	75	....	.490	.....	52.12	3.96	4.4	.....	4.6

PHILADELPHIA, PA.

[λ=39° 57′ N.; φ=75° 09′ W.]

January	29.890	30.64	29.07	30.8	33.6	39.1	27.1	33.1	59	8	25	25	78	68	.136	.138	2.47	1.10	5.9	4.6	5.7
February	29.810	30.24	29.45	23.5	28.9	33.8	20.5	27.2	46	12	15	18	69	62	.086	.099	.86	.74	3.6	2.6	4.6
March	29.801	30.24	29.19	37.7	42.7	50.2	33.4	41.8	66	13	30	32	73	67	.175	.189	3.39	1.34	6.0	6.1	6.7
April	29.818	30.36	29.17	47.0	50.5	57.4	42.8	50.1	82	38	36	39	67	66	.215	.239	4.77	1.72	6.7	7.0	7.2
May	29.755	30.06	29.39	57.3	61.5	68.5	52.5	60.5	84	42	48	50	74	70	.346	.380	4.05	1.31	7.0	6.5	7.1
June	29.877	30.10	29.64	68.9	73.8	82.2	63.0	72.6	98	50	58	59	70	62	.512	.517	1.15	.47	4.6	4.9	4.8
July	29.838	30.09	29.68	76.6	79.2	87.4	71.1	79.2	103	62	68	70	74	74	.680	.728	4.88	1.21	7.0	6.1	6.5
August	29.912	30.10	29.74	73.3	76.2	84.2	69.6	76.9	92	64	66	67	80	75	.663	.675	9.42	2.88	6.5	5.5	5.7
September	29.954	30.38	29.53	65.4	69.7	77.7	61.3	69.5	90	48	59	60	80	74	.512	.538	3.68	1.33	4.5	4.1	4.4
October	30.046	30.51	29.51	52.1	58.3	66.2	48.0	57.1	81	38	44	44	75	62	.307	.317	1.51	.72	3.7	3.0	3.4
November	29.904	30.35	29.27	38.5	41.8	47.5	35.0	41.2	62	20	29	28	68	58	.166	.160	2.64	2.37	5.2	3.7	5.6
December	29.954	30.41	29.38	32.4	36.4	43.0	28.8	35.9	65	15	26	29	76	74	.156	.176	6.72	2.80	5.1	4.9	5.7
Year	29.880	30.64	29.07	50.3	54.4	61.4	46.1	53.8	103	8	42	43	74	68	.339	.346	45.54	2.88	5.5	4.9	5.6

PHOENIX, ARIZ.

[λ=33° 28′ N.; φ=112° 00′ W.]

January	28.900	29.11	28.64	42.9	61.9	66.2	40.1	53.2	75	24	30	32	60	34	.179	.193	.43	.40	3.2	4.2	4.4
February	28.821	29.18	28.39	46.3	64.8	67.9	44.4	56.2	85	35	39	38	77	42	.242	.237	1.46	.80	3.9	4.8	4.8
March	28.783	29.05	28.46	47.9	71.1	74.1	45.7	59.9	87	35	30	30	52	24	.175	.171	.38	.18	2.0	3.2	2.6
April	28.736	28.92	28.50	51.4	78.5	81.2	50.1	65.6	92	39	28	27	42	15	.152	.150	T.	T.	2.8	3.5	3.3
May	28.644	28.82	28.46	60.9	86.8	90.0	59.9	75.0	98	50	36	37	41	19	.223	.239	.10	.08	2.2	2.9	2.8
June	28.606	28.80	28.35	67.6	96.9	99.0	66.5	82.8	112	59	32	32	27	10	.183	.180	.00	.00	1.4	1.4	1.0
July	28.603	28.76	28.42	80.0	103.9	106.2	79.6	92.9	112	72	56	52	47	20	.482	.474	.35	.19	3.6	3.4	2.8
August	28.686	28.81	28.55	78.7	100.3	103.2	76.5	89.8	110	70	63	58	60	26	.591	.485	1.73	.39	4.5	3.4	3.1
September	28.628	28.72	28.47	68.2	95.2	98.4	66.4	82.4	105	53	42	42	40	17	.282	.277	T.	T.	0.3	0.4	0.6
October	28.762	28.91	28.52	59.8	83.0	88.4	58.1	73.2	100	41	41	41	52	25	.266	.263	.46	.46	1.6	2.0	2.7
November	28.874	29.00	28.68	51.3	71.7	79.1	48.7	63.9	86	44	40	40	66	33	.250	.248	.01	.01	1.9	3.9	3.6
December	28.894	29.21	28.53	39.5	61.7	68.4	36.1	52.2	80	24	20	21	44	20	.107	.114	.00	.00	1.1	2.2	2.5
Year	28.745	29.21	28.35	57.9	81.3	85.2	56.0	70.6	112	24	38	38	51	24	.261	.247	4.87	.80	2.4	2.9	2.8

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

PARKERSBURG, W. VA.

[H=638 ft.; h_t=77 ft.; h_r=69 ft.; h_a=84 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	7.0	NW.	43	NW.	1	7	2	1	4	13	10	10	14	1	7	3	21	15	10	6	0	0	8	0	23	0	0
February	8.2	NW.	35	NW.	0	3	3	1	4	6	6	14	19	0	7	4	17	5	5	3	0	0	13	0	27	2	0
March	8.5	W.	36	NW.	0	3	2	4	9	8	8	16	12	0	8	8	15	17	8	5	0	0	1	0	7	1	0
April	7.0	NW.	30	NW.	0	14	8	6	6	1	1	6	17	1	10	7	13	15	10	2	0	1	0	0	4	0	0
May	4.9	W.	35	NW.	0	13	2	4	6	7	7	14	8	1	10	13	8	14	11	0	0	1	0	0	0	5	0
June	4.5	S.	31	N.	0	6	6	3	15	16	6	5	3	0	16	12	2	16	15	0	0	0	0	8	0	16	0
July	4.7	S.	28	NW.	0	10	5	6	4	14	9	6	6	2	10	16	5	9	6	0	0	0	0	14	0	7	0
August	4.3	S.	24	W.	0	10	8	6	9	15	7	1	4	2	10	15	6	13	9	0	0	0	0	3	0	8	0
September	3.9	S.	32	NW.	0	9	10	3	8	10	5	7	6	2	9	9	12	12	8	0	0	3	0	0	0	3	0
October	4.5	S.	24	NW.	0	9	3	0	6	17	5	11	7	4	21	8	2	6	2	0	0	5	0	0	1	0	0
November	6.0	W.	36	NW.	0	6	5	0	8	9	4	13	13	2	7	9	14	9	5	3	0	3	0	0	18	0	0
December	5.8	NW.	30	W.	0	6	9	3	6	4	11	8	13	2	3	10	18	14	12	5	0	1	9	0	20	0	0
Year	5.8	NW.	43	NW.	1	96	63	37	85	120	79	111	122	17	118	114	133	145	101	24	0	14	31	25	100	42	0

PENSACOLA, FLA.

[H=56 ft.; h_t=78 ft.; h_r=74 ft.; h_a=96 ft.]

January	9.6	N.	30	NW.	0	9	7	2	0	2	2	3	6	0	12	9	10	11	7	0	0	0	0	0	0	0	0
February	8.0	N.	30	N.	0	11	9	2	1	0	3	0	2	0	9	8	11	11	10	0	0	0	0	0	2	0	0
March	12.4	NW.	54	SE.	1	5	3	1	4	5	5	1	7	0	14	6	11	9	8	0	0	1	0	0	0	5	0
April	11.1	NW.	36	SE.	0	5	10	1	1	1	1	0	11	0	21	3	6	6	5	0	0	0	0	0	0	4	0
May	10.5	NW.	48	NW.	1	8	0	0	0	1	3	7	12	0	17	11	3	5	5	0	0	0	0	0	0	4	0
June	7.6	NE.	30	NE.	0	5	10	3	5	3	1	1	1	1	15	10	5	4	2	0	0	0	0	4	0	3	0
July	7.6	NE.	32	NW.	0	5	11	2	1	2	4	2	4	0	7	14	10	18	15	0	0	0	0	8	0	14	0
August	9.6	NE.	70	SW.	2	3	15	0	2	1	6	3	1	0	7	15	9	16	12	0	0	0	0	3	0	9	0
September	10.1	NE.	36	SE.	0	5	17	2	1	1	2	0	2	0	14	9	7	7	6	0	0	0	0	0	0	1	0
October	9.6	NE.	30	N.	0	6	18	3	0	1	0	0	3	0	23	4	4	3	2	0	0	0	0	0	0	0	0
November	9.2	N.	32	E.	0	11	11	2	0	0	0	1	5	0	20	7	3	3	3	0	0	2	0	0	0	0	0
December	11.4	N.	60	SW.	3	8	7	2	2	1	4	4	3	0	9	10	12	12	8	0	0	2	0	0	7	3	0
Year	9.7	NE.	70	SW.	7	81	118	20	17	18	31	22	57	1	168	106	91	105	83	0	0	5	0	15	9	43	0

PHILADELPHIA, PA.

[H=117 ft.; h_t=168 ft.; h_r=166 ft.; h_a=184 ft.]

January	11.1	NW.	41	NW.	1	11	8	1	5	2	12	5	18	0	10	8	13	10	7	5	0	1	5	0	21	0	0
February	12.9	NW.	42	NW.	1	3	1	1	1	1	5	5	39	0	14	4	10	4	3	4	0	0	11	0	28	0	0
March	13.0	NW.	36	S.	0	4	9	6	5	2	12	5	19	0	6	8	17	14	11	1	0	1	1	0	8	2	0
April	14.1	NE.	39	NW.	0	13	18	8	7	1	6	1	11	0	8	1	21	12	10	0	0	0	0	0	0	0	0
May	10.8	NE.	36	NW.	0	4	11	7	11	8	5	6	10	0	7	4	20	16	14	0	0	0	0	0	0	7	0
June	9.2	SW.	34	NW.	0	2	1	6	10	11	12	7	11	0	12	10	8	8	6	0	0	1	0	6	0	3	0
July	9.4	SW.	34	N.	0	6	8	7	6	5	18	7	6	0	7	11	13	16	16	0	0	1	0	10	0	13	0
August	8.5	SW.	33	SW.	0	3	9	16	8	11	9	2	4	0	10	11	10	10	10	0	0	1	0	3	0	5	0
September	8.4	N.	28	W.	0	10	12	3	5	6	11	7	6	0	13	10	7	10	10	0	0	1	0	0	0	5	0
October	9.5	SW.	30	NW.	0	6	4	2	8	8	10	12	11	1	19	7	5	7	4	0	0	3	0	0	0	0	0
November	12.3	NW.	48	NE.	1	10	4	2	0	4	4	9	27	0	10	8	12	6	5	1	0	0	1	0	8	0	0
December	11.6	NW.	41	S.	1	11	7	2	5	10	7	3	17	0	10	8	13	13	11	2	0	2	9	0	17	0	0
Year	10.9	NW.	48	NE.	4	83	87	61	71	69	111	69	178	1	126	90	149	126	107	13	0	11	27	19	82	35	0

PHOENIX, ARIZ.

[H=1,108 ft.; H_1=1,105 ft.; h_t=50 ft.; h_r=40 ft.; h_a=56 ft.]

January	3.5	E.	20	E.	0	7	5	17	8	5	6	10	4	0	15	6	10	2	1	0	0	1	0	0	6	0	0
February	4.4	E.	28	W.	0	4	5	24	7	3	4	6	3	0	11	7	10	7	6	0	1	1	0	0	0	2	0
March	5.0	E.	22	N.	0	6	6	24	2	1	7	4	12	0	21	5	5	3	3	0	0	0	0	0	0	2	0
April	5.2	E.	24	NW.	0	3	0	22	7	0	8	6	14	0	18	9	3	0	0	0	0	0	0	6	0	0	0
May	5.0	E.	23	SE.	0	6	2	23	2	0	10	10	9	0	18	11	2	2	1	0	0	0	0	19	0	2	0
June	4.7	E.	16	NW.	0	4	8	18	2	1	9	9	9	0	26	4	0	0	0	0	0	0	0	28	0	0	0
July	5.0	E.	27	N.	0	6	4	21	5	2	6	9	9	0	17	14	0	5	4	0	0	0	0	31	0	4	0
August	4.1	W.	38	NE.	0	4	3	11	11	1	10	12	10	0	19	10	2	8	7	0	0	0	0	31	0	9	0
September	4.1	E.	17	W.	0	4	2	20	6	3	4	9	12	0	28	2	0	0	0	0	0	0	0	29	0	0	0
October	4.1	E.	25	SE.	0	3	5	22	9	4	3	10	4	2	22	5	4	1	1	0	0	0	0	15	0	1	0
November	3.0	E.	22	NE.	0	3	3	21	10	3	2	7	7	4	17	7	6	1	0	0	0	0	0	0	0	1	0
December	3.5	E.	22	N.	0	7	5	19	5	1	4	11	6	4	21	8	2	0	0	0	0	0	0	8	0	0	0
Year	4.3	E.	38	NE.	0	57	48	242	74	24	78	103	99	10	233	88	44	29	23	0	1	2	0	159	14	21	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

PIERRE, S. DAK.

[λ=44° 22′ N.; φ=100° 21′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	28.346	28.82	27.77	16.3	27.7	35.6	13.4	24.5	59	— 8	4	12	58	51	.055	.078	.08	.08	3.4	2.7	4.2
February	28.461	28.96	27.79	9.4	24.7	28.6	7.2	17.9	62	—13	1	11	67	54	.047	.074	.53	.20	4.0	3.9	5.1
March	28.251	28.84	27.64	21.7	41.2	45.6	23.3	34.4	73	4	15	20	65	46	.088	.115	1.09	.58	5.6	5.7	5.9
April	28.347	28.72	27.83	41.0	58.8	62.8	39.9	51.4	94	22	33	32	72	41	.193	.190	1.26	.36	4.5	6.2	5.2
May	28.253	28.93	27.87	58.5	73.7	78.5	51.0	64.8	94	32	42	41	66	33	.282	.275	.63	.24	2.5	3.0	3.2
June	28.157	28.54	27.82	61.0	75.4	79.5	58.5	69.0	98	42	54	53	78	48	.425	.422	4.45	.99	4.9	5.4	6.1
July	28.214	28.51	27.88	72.2	91.0	95.4	69.6	82.5	108	58	61	60	69	37	.546	.523	1.76	.89	3.6	2.8	3.1
August	28.334	28.55	27.96	64.9	82.3	87.5	62.8	75.2	103	55	55	57	73	44	.444	.467	3.23	1.20	3.1	3.3	3.5
September	28.277	28.67	27.63	50.8	64.5	71.4	49.2	60.3	91	26	42	47	75	56	.284	.340	1.20	.64	4.9	5.1	5.3
October	28.380	28.65	27.93	43.5	58.8	67.0	42.0	54.5	84	32	35	39	74	50	.211	.243	1.77	.64	3.8	3.1	4.2
November	28.432	28.91	27.87	27.0	39.0	47.5	24.8	36.2	75	14	20	24	74	56	.108	.130	.18	.12	3.9	3.0	4.3
December	28.369	28.92	27.78	18.2	24.3	29.7	14.8	22.2	50	—19	12	17	75	71	.087	.105	.86	.29	5.5	4.5	6.6
Year	28.318	28.96	27.63	40.2	55.1	60.8	38.0	49.4	108	—19	31	34	70	49	.231	.247	17.04	1.20	4.1	4.1	4.6

PITTSBURG, PA.

[λ=40° 32′ N.; φ=80° 02′ W.]

January	29.110	29.72	28.50	29.8	33.3	39.2	25.8	32.5	59	10	24	25	76	72	.134	.144	1.98	.45	7.6	7.0	7.8
February	29.084	29.42	28.67	21.3	25.2	31.5	17.8	24.6	48	7	14	16	71	66	.084	.089	.91	.24	7.8	5.9	6.8
March	28.972	29.28	28.56	36.9	43.7	50.6	32.5	41.6	76	2	29	31	73	62	.170	.184	3.69	.98	7.1	5.4	6.0
April	29.086	29.60	28.52	43.4	52.0	57.8	40.4	49.1	83	31	35	36	74	60	.210	.216	8.11	2.60	6.6	6.2	6.0
May	28.951	29.33	28.69	56.6	64.4	70.9	53.0	62.0	86	42	48	48	75	60	.348	.351	5.80	1.15	4.9	7.2	4.5
June	29.085	29.33	28.84	66.4	73.6	82.1	61.4	71.8	94	45	59	60	78	63	.513	.534	4.41	1.10	4.2	7.0	3.9
July	29.082	29.30	28.91	73.2	80.9	88.3	69.5	78.9	98	58	66	66	80	63	.654	.649	2.84	.79	5.3	5.5	5.1
August	29.111	29.28	28.97	69.6	76.6	83.6	66.4	75.0	93	58	63	63	80	65	.586	.589	4.04	1.44	4.7	5.5	4.8
September	29.168	29.46	28.75	60.6	68.3	75.0	58.0	66.5	87	45	55	57	83	68	.450	.472	1.96	.62	4.2	1.4	4.7
October	29.250	29.60	28.81	48.7	59.2	67.3	46.1	56.7	81	34	42	43	79	55	.276	.283	.38	.16	3.0	1.7	3.5
November	29.179	29.60	28.70	36.4	39.9	45.4	33.1	39.2	70	23	30	30	78	69	.171	.168	1.80	.87	8.0	5.3	6.8
December	29.127	29.51	28.59	30.1	33.5	39.6	26.3	33.0	71	4	24	26	78	75	.146	.158	4.84	2.44	7.7	6.0	7.2
Year	29.100	29.72	28.50	47.8	54.2	60.9	44.2	52.6	98	2	41	42	77	65	.312	.320	40.76	2.60	5.9	5.3	5.6

POCATELLO, IDAHO.

[λ=42° 52′ N.; φ=112° 29′ W.]

January	25.518	25.98	24.94	25.3	32.2	36.5	21.9	29.2	47	-13	20	25	80	74	.115	.135	.58	.28	4.6	7.4	7.1
February	25.484	25.91	24.94	25.0	34.6	38.1	21.4	29.8	54	2	20	27	79	72	.114	.149	.80	.26	5.2	6.9	6.3
March	25.460	25.88	25.10	30.4	41.9	45.9	27.8	36.8	61	17	24	28	76	60	.131	.155	.98	.73	4.3	6.1	5.0
April	25.429	25.63	25.08	34.6	53.6	56.5	32.7	44.6	75	18	26	30	72	44	.143	.166	.52	.26	5.0	5.8	4.6
May	25.378	25.69	25.00	47.8	68.0	72.1	46.0	59.0	84	32	38	39	70	39	.233	.245	.81	.52	4.3	6.0	4.5
June	25.401	25.68	25.17	49.4	69.5	72.6	47.5	60.0	87	35	34	33	58	29	.201	.189	.15	.11	4.8	5.2	4.3
July	25.415	25.62	25.20	61.9	90.2	92.4	60.5	76.4	102	40	42	43	48	21	.268	.289	T.	T.	1.6	2.1	2.1
August	25.521	25.64	25.40	61.0	83.6	86.6	59.3	73.0	94	47	44	42	56	26	.303	.281	.19	.08	4.0	4.7	4.6
September	25.420	25.67	25.02	46.9	67.7	70.9	43.7	57.3	84	33	34	34	62	31	.194	.200	.71	.53	3.6	3.3	4.2
October	25.574	25.85	25.24	43.1	60.0	65.6	40.2	52.9	82	32	34	38	69	48	.193	.233	.58	.24	2.7	4.5	4.3
November	25.591	25.83	25.22	36.3	46.2	53.0	31.4	42.2	63	20	27	32	69	59	.147	.181	.72	.27	3.5	5.6	5.2
December	25.582	26.01	25.06	26.9	32.5	36.8	22.7	29.8	57	1	21	24	77	71	.119	.133	1.62	.57	4.6	6.3	6.5
Year	25.480	26.01	24.94	40.7	56.7	60.6	37.9	49.2	102	—13	30	33	68	48	.180	.196	7.56	.73	4.0	5.3	4.9

POINT REYES LIGHT, CALIFORNIA.

[λ=38° 11′ N.; φ=122° 51′ W.]

January						55.9	44.9	50.4	72	37							6.72	1.20			6.0
February						57.7	44.6	51.2	73	35							5.92	1.77			6.6
March						59.5	46.5	53.0	80	42							1.11	.64			4.7
April						53.1	43.6	48.4	59	40							3.20	1.08			5.0
May						55.6	45.7	50.6	67	44							1.08	.84			5.9
June						54.8	45.7	50.2	73	43							.00	.00			3.9
July						56.2	46.4	51.3	72	43							.38	.38			5.9
August						61.0	48.8	54.9	90	47							.08	.08			8.8
September						60.5	48.7	54.6	82	46							2.11	1.37			6.5
October						64.7	50.7	57.7	91	47							.89	.49			5.9
November						60.4	50.0	55.2	70	44							5.38	1.98			5.8
December						58.3	45.9	52.1	67	38							1.21	.50			3.0
Year						58.1	46.8	52.5	91	35							28.08	1.98			5.7

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

PIERRE, S. DAK.

[H=1,572 ft.; h_1=1,455 ft.; h_t=43 ft.; h_r=37 ft.; h_a=50 ft.]

Month.	Wind.														Number of days.												
	By self-registers.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.					Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.01 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Aurora.
	Miles.		*Mi.*																								
January	8.0	NW.	49	NW.	2	8	1	13	11	2	2	7	18	0	12	11	8	1	1	1	0	0	13	0	29	0	0
February	7.1	NW.	30	NW.	0	13	4	5	4	2	5	5	15	3	10	9	9	9	5	8	0	0	16	0	28	0	0
March	10.5	N.	41	NW.	1	18	5	11	9	1	4	1	12	1	11	6	14	8	5	6	0	0	4	0	27	1	0
April	11.6	SE.	42	SW.	2	7	7	11	19	9	2	2	3	0	15	4	11	9	6	1	0	0	0	2	9	1	0
May	9.3	SE.	38	NW.	0	6	6	14	25	5	1	0	5	0	21	4	6	6	5	0	0	0	0	1	0	4	0
June	9.0	SE.	43	SE.	2	3	8	6	12	8	3	12	8	0	10	12	8	16	12	0	1	0	0	4	0	15	0
July	9.6	SE.	49	NW.	1	7	6	9	19	14	2	2	3	0	17	12	2	10	7	0	2	0	0	24	0	15	0
August	7.3	SE.	42	W.	1	8	5	7	21	6	5	4	6	0	15	12	4	13	9	0	1	0	0	14	0	9	0
September	6.6	SE.	36	NW.	0	7	4	13	13	6	3	3	11	0	9	12	9	13	6	0	1	1	0	2	1	4	0
October	6.8	SE.	37	N.	0	4	5	13	14	4	6	1	14	1	16	4	11	7	5	0	0	1	0	0	0	1	0
November	6.8	SE.	36	N.	0	11	3	12	12	4	6	1	10	1	12	12	6	3	2	3	0	0	4	0	27	0	0
December	7.2	N.	41	NW.	1	15	1	14	7	1	5	5	14	0	6	7	18	11	5	9	0	0	14	0	27	0	0
Year	8.3	SE.	49	NW.	10	107	55	128	166	62	44	43	119	6	164	105	106	106	68	28	5	2	51	47	148	50	0

PITTSBURG, PA.

[H=842 ft.; h_1=116 ft.; h_t=101 ft.; h_a=123 ft.]

January	7.7	NW.	26	NW.	0	6	0	4	2	6	14	6	24	0	2	9	20	18	14	10	0	0	10	0	22	0	0
February	8.8	NW.	27	NW.	0	0	1	2	4	3	6	12	28	0	4	12	12	14	8	13	0	0	13	0	27	0	0
March	7.8	NW.	26	NW.	0	2	1	2	9	3	14	5	26	0	10	9	12	18	15	7	1	0	1	0	13	0	0
April	6.3	NW.	29	SE.	0	7	3	4	11	2	1	0	32	0	10	7	13	14	13	2	0	0	0	0	1	0	0
May	5.6	NW.	26	S.	0	11	2	2	10	3	10	5	19	0	10	17	4	18	17	0	0	0	0	0	0	6	0
June	5.2	SW.	30	S.	0	10	2	3	12	2	11	10	9	1	16	12	2	14	10	0	1	0	0	5	0	13	0
July	5.2	NW.	20	NW.	0	7	2	3	8	2	10	13	17	0	10	15	6	11	9	0	1	0	0	11	0	12	0
August	4.7	SW.	30	S.	0	9	6	5	11	6	13	2	8	2	13	12	6	12	10	0	1	0	0	2	0	9	0
September	4.9	NW.	20	NW.	0	11	6	2	8	5	5	9	14	0	13	10	7	8	5	0	0	2	0	0	0	3	0
October	5.4	NW.	26	S.	0	8	7	1	6	4	12	9	15	0	19	11	1	3	3	0	0	4	0	0	0	0	0
November	7.1	NW.	24	NW.	0	2	1	1	4	4	8	9	31	0	7	7	16	10	6	6	0	0	1	0	11	0	0
December	6.4	NW.	29	NW.	0	7	3	2	10	9	3	9	19	0	4	10	17	16	10	6	0	0	9	0	16	0	0
Year	6.3	NW.	30	S.	0	80	34	31	95	49	107	89	242	3	118	131	116	156	120	44	4	6	34	18	90	43	0

POCATELLO, IDAHO.

[H=4,482 ft.; H_1=4,488 ft.; h_1=46 ft.; h_r=37 ft.; h_a=54 ft.]

January	13.2	S.	40	S.	1	9	2	1	16	18	8	8	0	0	9	1	21	10	4	6	0	0	8	0	25	0	0
February	9.0	W.	36	W.	0	6	0	1	4	16	4	17	6	2	9	7	12	10	7	7	0	0	7	0	20	0	0
March	13.5	W.	42	W.	1	2	0	0	11	13	9	24	3	0	15	3	13	10	5	9	2	0	0	0	24	0	0
April	11.6	W.	37	S.	0	7	1	2	9	12	1	21	7	0	14	10	6	6	5	5	1	0	0	0	18	0	0
May	9.8	W.	48	N.	1	5	4	2	15	10	5	12	9	0	15	9	7	7	5	0	0	0	0	0	0	2	0
June	10.5	W.	40	SW.	1	1	1	0	9	7	11	24	7	0	14	11	5	4	1	0	0	0	0	0	0	0	0
July	9.0	SE.	30	SE.	0	2	0	1	20	16	5	10	8	0	24	6	1	0	0	0	0	0	0	0	0	1	0
August	8.6	SE.	34	SW.	0	5	0	4	39	8	1	9	5	0	12	13	6	7	1	0	0	0	0	7	0	4	0
September	9.5	W.	34	W.	0	4	1	2	13	12	2	21	5	0	14	11	5	4	2	0	0	0	0	0	0	1	0
October	7.3	SE.	35	SW.	0	1	2	3	26	4	13	11	2	0	15	10	6	6	4	0	0	0	0	0	1	0	0
November	9.6	SE.	28	S.	0	2	1	2	23	6	19	6	1	0	10	13	7	6	5	0	0	0	0	0	17	0	0
December	10.3	SE.	38	W.	0	0	1	1	25	1	17	10	7	0	7	8	16	9	7	5	0	0	7	0	26	0	0
Year	10.2	W.	48	N.	4	44	13	19	201	128	95	173	60	2	158	102	105	79	47	32	3	0	22	31	131	8	0

POINT REYES LIGHT, CALIFORNIA.

[H= — ft.; h_1=4 ft.; h_r=1 ft.; h_a=12 ft.]

January	11.2	SE.	....	.....	....	0	6	0	9	0	7	0	8	1	10	8	13	12	11	0	0	2	0	0	0	0	0
February	11.9	NE.	....	.....	....	3	7	0	6	1	5	0	6	0	5	10	13	15	15	0	1	6	0	0	0	0	0
March	23.0	NW.	....	.....	....	5	0	0	1	1	1	0	21	2	15	5	11	4	4	0	0	1	0	0	0	0	0
April	23.6	NW.	....	.....	....	4	1	0	5	0	1	0	19	0	12	7	11	8	7	0	0	0	0	0	0	0	0
May	25.9	NW.	....	.....	....	1	1	0	2	0	1	0	26	0	10	9	12	3	2	0	0	2	0	0	0	0	0
June	34.0	NW.	....	.....	....	0	0	0	0	0	0	0	30	0	17	4	9	0	0	0	0	6	0	0	0	0	0
July	21.6	NW.	....	.....	....	0	0	0	7	0	0	0	24	0	12	3	16	1	1	0	0	15	0	0	0	0	0
August	13.8	NW.	....	.....	....	0	0	0	6	0	2	0	23	0	1	4	26	1	1	0	0	23	0	0	0	0	0
September	13.5	NW.	....	.....	....	0	1	1	6	0	2	1	19	0	6	6	18	6	6	0	0	5	0	0	0	0	0
October	18.5	NW.	....	.....	....	0	0	1	4	0	3	0	23	0	8	7	16	7	7	0	0	5	0	1	0	0	0
November	9.2	SE.	....	.....	....	3	1	0	9	1	7	1	8	0	9	11	10	10	10	0	0	9	0	0	0	0	0
December	11.7	NW.	....	.....	....	8	1	1	0	0	2	0	19	0	20	6	5	5	4	0	0	5	0	0	0	0	0
Year	18.2	NW.	....	.....	....	24	18	3	55	3	31	2	226	3	125	80	160	72	68	0	1	79	0	1	0	0	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

PORT CRESCENT, WASH.[a]

[λ=48° 08′ N.; φ=123° 41′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.712	30.22	29.09	.....	39.5	41.1	31.6	36.4	54	23	....	37	....	91	.....	.224	5.30	1.80	.....	7.9	7.8
February	29.743	29.95	29.22	.....	42.7	45.0	32.7	38.8	66	24	....	39	....	86	.....	.240	3.75	.60	.....	6.0	6.0
March	29.798	30.32	29.17	.....	45.4	47.7	34.3	41.0	54	26	....	42	....	87	.....	.262	1.50	.29	.....	7.6	7.2
April	29.790	30.13	29.21	.....	47.8	50.1	34.8	42.4	63	28	....	43	....	84	.....	.279	4.54	1.39	.....	6.1	6.2
May	29.771	30.07	29.54	.....	52.5	56.1	41.4	48.8	80	32	....	48	....	86	.....	.336	2.12	.54	.....	6.1	6.2
June	29.813	29.96	29.50	.....	54.2	57.1	43.9	50.5	79	36	....	49	....	85	.....	.348	1.41	.28	.....	6.5	6.3
July	29.812	29.94	29.55	.....	56.9	60.5	45.5	53.0	65	38	....	52	....	83	.....	.381	.80	.16	.....	4.7	5.4
August	29.790	29.90	29.55	.....	63.0	68.8	48.0	58.4	88	40	....	57	....	82	.....	.463	.68	.03	.....	1.7	3.5
September	29.732	29.99	29.09	.....	58.1	61.0	42.2	51.6	73	34	....	52	....	83	.....	.396	1.03	.56	.....	3.8	4.4
October	29.781	30.22	29.34	.....	50.9	50.5	44.0	52.2	75	37	....	53	....	88	.....	.405	1.86	.53	.....	5.7	5.9
November	29.686	30.04	29.31	.....	47.3	50.4	37.7	44.0	60	29	....	45	....	93	.....	.301	11.70	1.91	.....	8.6	8.7
December	29.878	30.26	28.79	.....	41.8	44.5	35.2	39.8	52	25	....	40	....	92	.....	.245	6.35	2.12	.....	7.8	8.2
Year	29.776	30.32	28.79	.....	50.5	53.6	39.3	46.4	88	23	....	46	....	87	.....	.323	39.89	2.12	.....	6.0	6.3

PORT HURON, MICH.

[λ=43° 0′ N.; φ=82° 26′ W.]

January	29.309	29.98	28.64	21.6	24.7	32.6	17.8	25.2	54	— 3	19	21	89	84	.108	.115	1.10	.28	7.9	6.8	7.5
February	29.304	29.65	28.92	12.2	17.1	27.6	8.8	18.2	41	— 6	9	12	87	80	.061	.074	1.38	.70	6.9	5.4	5.9
March	29.171	29.48	28.74	28.6	31.9	39.1	23.3	31.2	64	— 3	24	26	83	78	.136	.152	1.37	.55	6.8	6.7	7.0
April	29.393	29.84	28.84	39.7	43.2	50.9	35.4	43.2	80	29	33	34	79	71	.194	.197	1.78	.88	5.0	6.7	6.9
May	29.200	29.58	28.97	50.8	52.9	61.4	43.8	52.6	82	32	45	44	81	75	.306	.300	2.95	.85	6.6	6.1	6.6
June	29.292	29.52	29.02	64.3	68.6	76.4	56.1	66.2	92	38	56	57	74	68	.462	.490	1.26	.54	4.6	5.0	5.8
July	29.298	29.55	29.02	71.1	74.4	83.3	64.1	73.7	96	52	63	63	76	69	.588	.586	2.67	.87	4.3	4.6	5.5
August	29.350	29.54	29.09	66.7	71.4	78.4	61.1	69.8	89	50	60	61	80	71	.528	.546	.54	.20	5.1	5.3	5.7
September	29.381	29.76	28.88	58.9	63.5	71.6	53.9	62.8	90	35	54	54	83	72	.423	.435	2.13	1.29	4.2	3.8	4.6
October	29.425	29.80	28.83	45.6	52.5	61.3	41.1	51.2	77	25	40	43	81	71	.260	.289	1.14	.52	3.8	2.9	4.7
November	29.395	29.82	28.97	31.8	35.5	41.8	28.8	35.3	62	16	28	30	83	80	.152	.173	1.19	.73	6.1	6.3	7.0
December	29.341	29.68	28.86	22.5	25.6	31.2	18.6	24.9	55	— 5	20	22	88	85	.116	.129	2.85	1.46	7.6	6.0	7.0
Year	29.322	29.98	28.64	42.8	46.8	54.6	37.7	46.2	96	— 6	38	39	82	75	.278	.290	20.36	1.46	5.7	5.5	5.9

PORTLAND, ME.

[λ=43° 39′ N.; φ=70° 15′ W.]

January	29.801	30.51	28.80	18.5	22.7	28.5	14.1	21.3	47	— 11	13	14	78	66	.085	.087	3.34	.96	6.2	5.4	5.9
February	29.556	30.09	29.11	14.9	21.1	28.3	12.2	20.2	40	5	7	9	69	58	.058	.065	1.68	1.30	4.5	2.9	4.3
March	29.750	30.36	29.15	28.7	32.8	38.8	24.7	31.8	48	3	21	25	73	73	.122	.140	6.43	2.84	6.7	6.7	6.4
April	29.895	30.38	29.39	41.7	42.6	48.2	37.8	43.0	71	33	34	36	78	82	.205	.219	7.47	2.02	7.4	5.7	7.2
May	29.772	30.08	29.32	51.0	50.4	58.4	44.7	51.6	81	37	43	44	77	81	.288	.296	7.17	2.37	6.1	4.9	6.3
June	29.806	30.15	29.55	63.1	63.3	72.7	54.9	63.8	94	45	53	53	72	71	.419	.420	.93	.46	3.8	2.5	3.8
July	29.794	30.14	29.58	68.7	68.4	77.6	61.5	69.6	96	55	61	60	76	78	.539	.535	4.21	.88	6.1	7.3	6.2
August	29.912	30.18	29.63	66.2	66.5	73.8	61.0	67.4	85	55	60	61	83	84	.527	.538	3.26	2.24	5.8	6.1	5.7
September	29.908	30.39	29.43	59.0	61.1	70.1	53.5	61.8	86	39	53	54	80	78	.413	.432	2.18	.72	4.4	3.1	4.7
October	29.940	30.53	29.29	46.3	50.2	58.3	42.4	50.4	72	31	40	42	78	75	.258	.280	3.12	1.89	5.0	3.9	5.3
November	29.772	30.23	29.01	30.5	33.3	39.5	27.5	33.5	64	12	24	24	74	69	.133	.140	1.89	.72	6.2	3.8	6.1
December	29.907	30.45	29.34	25.8	28.3	35.0	21.6	28.3	53	6	19	21	75	73	.125	.125	7.14	1.48	5.7	5.8	5.9
Year	29.818	30.53	28.80	42.9	45.1	52.4	38.0	45.2	96	— 11	36	37	76	74	.264	.273	48.82	2.84	5.7	4.8	5.6

PORTLAND, OREG.

[λ=45° 32′ N.; φ=122° 43′ W.]

January	29.903	30.40	29.44	37.3	42.5	44.7	34.3	39.5	57	26	34	37	89	82	.199	.225	7.80	2.01	6.9	7.5	7.3
February	29.889	30.22	29.41	40.0	46.3	48.9	37.2	43.0	68	28	33	37	78	70	.204	.230	6.52	2.32	7.5	7.1	6.7
March	29.968	30.36	29.38	42.0	50.9	53.7	39.4	46.6	67	34	37	40	82	69	.220	.251	4.12	.93	7.0	8.1	7.4
April	29.925	30.27	29.39	41.9	54.8	57.3	40.3	48.8	70	33	38	36	85	54	.228	.221	4.06	1.09	7.1	7.0	6.6
May	29.862	30.22	26.57	49.5	62.8	65.0	43.4	56.7	87	41	45	47	85	59	.303	.332	2.41	.84	7.8	7.6	7.5
June	29.918	30.08	29.56	51.3	62.7	65.4	50.7	58.0	87	43	46	50	84	66	.320	.375	1.39	.27	8.0	7.0	6.5
July	29.867	30.03	29.61	53.8	71.2	72.8	52.9	62.8	83	45	49	53	85	54	.354	.406	.12	.12	4.8	3.5	3.9
August	29.840	29.99	29.59	58.5	79.0	80.2	56.7	68.4	94	50	54	55	84	45	.413	.432	.17	.17	3.6	1.9	3.0
September	29.819	30.15	29.27	51.7	65.1	67.0	49.6	58.3	85	41	48	50	88	62	.335	.364	3.57	1.22	4.9	4.6	5.6
October	29.912	30.24	29.48	52.8	64.9	67.1	51.1	59.1	78	44	50	54	92	70	.365	.419	.75	.27	5.8	5.3	5.8
November	29.897	30.24	29.47	46.0	51.6	53.8	43.0	48.4	62	35	43	45	91	82	.283	.305	6.14	2.50	8.2	7.4	8.6
December	30.087	30.51	29.37	40.0	42.6	45.3	36.9	41.1	56	26	37	40	90	90	.228	.249	4.61	1.28	7.7	6.8	8.7
Year	29.907	30.51	29.27	47.1	57.8	60.1	45.0	52.6	94	26	43	45	86	67	.288	.317	41.05	2.50	6.6	6.2	6.5

[a] 8 p. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

PORT CRESCENT, WASH.

[H=259 ft.; h_t=13 ft.; h_r=2 ft.; h_a=20 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	3.3	SW.	48	SW.	1	0	0	11	5	0	13	2	0	0	4	6	21	21	17	8	0	0	3	0	19	0	0
February	4.3	E.	20	W.	0	0	0	16	3	0	5	4	0	0	0	5	14	15	15	3	0	0	0	0	14	0	0
March	4.5	W.	30	SW.	0	0	0	8	1	0	2	20	0	0	0	17	14	19	11	0	0	0	0	0	12	0	0
April	4.6	W.	18	SW.	0	0	0	10	3	0	6	10	1	0	4	15	11	13	12	2	0	0	0	0	10	0	0
May	4.9	W.	16	W.	0	0	0	5	1	0	5	20	0	0	6	13	12	18	13	0	0	0	0	0	0	0	0
June	5.7	W.	22	W.	0	0	0	3	0	0	5	22	0	0	4	14	12	12	9	0	0	0	0	0	0	0	0
July	5.0	W.	15	W.	0	0	0	4	1	0	3	23	0	0	8	15	8	6	2	0	0	1	0	0	0	1	0
August	4.0	W.	14	W.	0	0	0	5	1	0	1	18	6	0	19	9	3	1	0	0	0	2	0	0	0	0	0
September	3.4	E.	14	W.	0	0	0	11	1	0	4	9	1	4	12	11	7	9	7	0	0	0	0	0	0	0	0
October	3.0	E.	28	SW.	0	0	0	16	1	0	5	8	0	1	8	11	12	11	9	0	0	1	0	0	0	0	0
November	2.4	SW.	36	SW.	0	0	0	2	6	0	10	5	0	7	0	6	24	25	21	0	0	1	0	0	4	0	0
December	3.4	SW.	40	SW.	1	0	0	6	8	0	13	3	0	1	2	6	23	19	16	0	0	0	0	0	5	0	0
Year	4.0	W.	48	SW.	2	0	0	97	31	0	72	144	8	13	76	128	161	169	132	13	0	5	3	0	64	1	0

PORT HURON, MICH.

[H=638 ft.; h_t=70 ft.; h_r= 63 ft.; h_a=120 ft.]

January	13.2	NW.	50	W.	2	5	0	2	2	11	19	8	15	0	7	2	22	14	10	13	0	3	16	0	31	0	0
February	11.6	W.	36	N.	0	1	3	2	1	3	13	24	9	0	10	6	12	11	7	11	0	0	22	0	28	0	0
March	14.3	SW.	47	W.	2	11	6	3	6	9	13	8	6	0	7	5	19	12	8	8	0	0	3	0	27	1	0
April	12.8	N.	44	NE.	2	29	19	2	3	3	3	1	0	0	14	4	12	8	7	2	0	0	4	0	8	0	0
May	10.8	NE.	41	W.	1	18	16	4	1	2	12	6	3	0	6	11	14	16	12	0	3	9	0	0	8	6	0
June	8.8	SW.	28	W.	0	3	16	2	6	10	13	12	4	0	16	13	1	7	4	0	0	0	0	2	0	4	0
July	9.8	NE.	35	W.	0	10	17	2	4	5	14	7	3	0	9	12	10	12	8	0	0	0	0	4	0	9	0
August	9.1	NE.	33	NW.	0	5	19	6	6	5	11	4	6	0	9	10	12	9	3	0	0	0	0	0	0	4	0
September	11.3	SW.	37	SW.	0	7	6	6	6	10	5	14	6	0	11	12	7	7	5	0	0	0	0	0	0	2	0
October	12.2	SW.	46	SW.	2	2	4	2	4	12	19	7	12	0	12	15	4	7	5	0	0	0	0	0	3	0	0
November	13.4	NW.	40	NW.	1	4	0	2	1	9	7	9	28	0	5	9	16	10	7	3	0	1	2	0	28	0	0
December	11.2	SW.	40	NW.	1	2	2	0	4	11	19	8	16	0	4	13	14	11	7	9	0	0	12	0	27	0	0
Year	11.5	SW.	50	W.	11	97	102	33	44	90	148	108	108	0	110	112	143	124	83	46	3	17	55	6	147	26	0

PORTLAND, ME.

[H=103 ft.; h_t=81 ft.; h_r=75 ft.; h_a=117 ft.]

January	9.6	NW.	36	SE.	0	15	2	0	2	2	13	9	19	0	8	11	12	13	12	10	0	0	19	0	29	0	0
February	10.1	NW.	35	NW.	0	2	1	0	0	0	8	22	23	0	11	11	6	7	3	7	0	0	21	0	28	0	0
March	10.7	NW.	50	NE.	1	7	6	3	4	6	16	5	15	0	8	9	14	14	9	5	0	0	2	0	23	0	0
April	11.4	NE.	50	NE.	3	19	21	4	4	1	5	1	5	0	9	1	20	18	14	1	0	0	7	0	0	0	0
May	10.0	S.	38	NW.	0	8	12	5	5	14	9	4	4	1	9	9	13	16	15	0	0	0	5	0	0	0	0
June	9.1	S.	31	S.	0	5	6	4	5	13	11	9	7	0	20	6	4	7	5	0	0	0	6	0	0	0	0
July	7.4	S.	25	N.	0	8	7	4	5	10	13	8	7	0	8	8	15	16	14	0	0	0	1	0	0	0	0
August	7.8	S.	33	SE.	0	8	3	3	8	16	10	7	5	2	10	8	13	7	7	0	0	0	0	2	0	0	0
September	8.2	SW.	30	SE.	0	4	2	1	1	10	16	13	12	1	16	2	12	13	9	0	0	0	4	3	0	4	0
October	9.1	SW.	32	NW.	0	4	1	1	1	11	18	8	17	1	12	10	9	10	5	0	0	0	4	0	0	2	0
November	10.0	NW.	41	NW.	1	14	3	0	1	1	11	9	20	1	8	8	14	7	6	4	0	0	2	0	0	0	0
December	10.3	NW.	58	SE.	1	14	1	4	7	8	13	5	15	0	8	9	14	14	11	8	0	3	12	0	26	0	0
Year	9.5	NW.	58	SE.	6	108	65	29	43	87	143	100	149	6	127	92	146	142	110	35	0	38	58	5	128	8	0

PORTLAND, OREG.

[H=154 ft.; h_t=203 ft.; h_r=145 ft.; h_a=213 ft.]

January	9.4	S.	52	S.	3	3	3	1	16	15	5	4	15	0	7	5	19	18	15	8	0	2	0	0	9	0	0
February	9.7	NW.	41	NE.	1	4	10	3	9	8	5	5	11	1	6	6	16	16	14	0	1	1	0	0	7	0	0
March	8.7	NW.	34	SW.	0	4	1	1	9	15	11	8	12	1	4	10	17	21	18	0	3	0	0	0	0	0	0
April	9.4	NW.	44	S.	2	2	0	1	10	15	3	8	21	0	4	10	16	14	13	4	1	0	0	0	0	0	0
May	8.2	NW.	30	S.	0	4	4	3	14	8	6	3	20	0	3	9	19	13	10	0	0	0	0	0	0	1	0
June	7.6	NW.	28	SW.	0	1	2	1	2	11	5	14	24	0	6	11	13	12	9	0	0	0	0	0	0	0	0
July	7.9	NW.	27	NW.	0	1	1	1	10	4	5	3	37	0	16	11	4	2	2	0	0	0	0	0	0	0	0
August	8.5	NW.	27	NW.	0	4	0	1	5	5	1	0	45	1	20	7	4	1	1	0	0	1	0	6	0	2	0
September	8.5	NW.	42	S.	1	2	6	2	8	14	2	3	23	0	10	8	12	13	12	0	0	5	0	6	0	0	0
October	7.0	NW.	36	S.	0	0	2	0	10	9	5	12	22	2	10	7	14	7	4	0	0	6	0	0	0	0	0
November	8.3	S.	44	S.	2	2	2	5	11	17	2	13	7	1	9	10	20	21	18	0	0	6	0	0	7	0	0
December	8.2	SE.	44	S.	2	1	2	1	14	16	2	11	14	1	2	4	25	20	15	1	0	8	0				
Year	8.4	NW.	52	S.	11	28	33	20	118	137	52	84	251	7	88	98	179	158	131	13	6	29	0	6	23	3	0

By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

PORT OF SPAIN, TRINIDAD, WEST INDIES.

[λ=10° 35′ N.; φ=61° 30′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.				Extremes.			Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.881	30.03	29.82	78.5	75.8	85.7	70.7	78.2	88	66	70	69	75	79	.729	.702	2.26	1.42	5.3	3.9	6.1
February	29.907	30.02	29.86	78.5	76.0	86.6	69.9	78.2	89	66	68	67	70	74	.675	.658	.31	.20	4.8	2.4	5.1
March	29.900	30.03	29.84	79.2	76.1	85.5	70.8	78.2	90	69	68	68	69	75	.682	.677	1.56	.86	5.5	4.3	6.7
April	29.866	29.96	29.83	81.1	77.5	88.7	70.9	79.8	91	67	69	68	66	72	.703	.678	.01	.01	5.6	3.9	6.1
May	29.861	29.95	29.79	81.5	78.1	87.0	73.2	80.1	91	71	71	70	71	78	.757	.741	6.15	2.79	6.4	4.9	7.5
June	29.882	29.98	29.82	79.9	77.8	85.9	73.5	79.7	91	71	73	72	79	82	.804	.782	6.94	1.06	7.6	7.3	8.2
July	29.859	29.97	29.82	81.2	78.2	87.2	73.5	80.4	90	70	73	72	76	82	.806	.785	5.48	1.84	6.3	5.0	7.2
August	29.868	29.98	29.78	80.6	77.5	86.3	73.0	79.6	90	71	74	73	79	86	.823	.803	8.15	1.59	6.7	6.0	7.4
September	29.848	29.94	29.78	81.9	78.5	87.7	73.9	80.8	91	72	73	73	76	84	.822	.814	6.63	2.26	5.8	4.6	7.1
October	29.803	29.92	29.73	82.5	78.6	88.4	74.0	81.2	92	71	73	73	74	84	.822	.812	6.40	3.01	5.3	3.4	6.6
November	29.818	29.93	29.76	81.6	77.6	87.3	73.3	80.3	91	69	72	72	74	83	.794	.780	7.89	3.06	5.2	5.4	6.7
December	29.828	29.95	29.78	78.7	76.1	85.1	71.9	78.5	88	69	71	71	78	84	.760	.751	4.93	1.56	6.7	4.2	7.1
Year	29.859	30.03	29.73	80.4	77.3	86.8	72.4	79.6	92	66	71	71	74	80	.765	.749	56.71	3.06	5.9	4.6	6.8

PUEBLO, COLO.

[λ=38° 18′ N.; φ=104° 36′ W.]

January	25.277	25.63	24.95	23.4	40.8	49.1	17.8	33.4	66	−23	11	20	61	45	.074	.106	.28	.21	2.7	3.5	4.2
February	25.264	25.61	24.73	17.8	36.4	43.5	14.2	28.8	66	− 2	12	20	78	54	.076	.107	.07	.03	3.9	5.0	4.6
March	25.170	25.64	24.71	28.6	47.1	53.9	25.0	39.4	77	9	16	18	61	37	.091	.101	1.15	.54	4.7	5.9	4.4
April	25.235	25.48	24.91	37.0	57.5	63.3	34.1	48.7	83	17	29	27	74	39	.165	.151	2.05	.91	4.2	6.0	4.9
May	25.224	25.70	24.77	49.7	65.5	71.5	47.4	59.4	82	39	42	43	76	50	.272	.296	3.41	1.14	4.5	7.5	4.9
June	25.177	25.44	24.88	55.8	81.5	86.4	52.8	69.6	103	44	45	42	69	30	.305	.280	1.24	.94	3.5	3.9	3.2
July	25.236	25.54	25.07	64.1	85.5	93.0	61.4	77.2	100	56	51	48	63	31	.375	.348	1.04	.57	1.1	6.0	3.3
August	25.381	25.63	25.20	61.3	79.4	88.2	60.1	74.2	95	55	54	55	76	46	.415	.436	1.31	.79	2.1	5.9	3.5
September	25.257	25.56	24.91	50.9	74.0	80.2	48.2	64.2	88	33	39	38	67	30	.251	.239	.40	.18	2.3	2.8	3.1
October	25.381	25.67	25.07	40.6	62.0	69.6	38.0	53.8	84	28	30	34	68	37	.172	.195	.61	.45	2.8	3.6	3.9
November	25.371	25.65	25.04	31.5	51.4	61.0	26.4	43.8	74	17	19	24	60	35	.101	.130	.01	.01	3.2	3.8	3.9
December	25.263	25.69	24.92	23.1	37.8	47.0	16.9	32.0	73	−13	13	19	68	52	.085	.106	.39	.19	3.3	4.3	4.8
Year	25.275	25.70	24.71	40.3	59.9	67.2	36.9	52.0	103	−23	30	32	68	40	.198	.208	11.86	1.14	3.2	4.8	4.1

PUERTO PRINCIPE, CUBA.

[λ=21° 23′ N.; φ=77° 56′ W.]

January	29.677	29.99	29.52	62.8	68.4	80.5	58.9	69.7	86	47	60	62	90	80	.527	.560	.22	.12	1.9	1.1	3.2
February	29.666	29.79	29.51	65.0	71.5	84.6	60.8	72.7	92	52	62	64	92	77	.573	.601	.07	.05	2.2	1.6	3.6
March	29.689	29.89	29.56	69.9	72.6	86.1	63.2	74.6	94	52	65	64	84	75	.624	.601	1.64	.65	2.3	3.6	3.5
April	29.631	29.81	29.54	72.2	73.8	87.5	62.2	74.8	94	55	63	61	73	65	.575	.540	.50	.50	2.6	1.1	3.1
May	29.582	29.68	29.46	76.3	75.7	91.0	66.7	78.8	96	56	69	67	78	76	.707	.673	6.50	2.44	2.5	3.7	4.6
June	29.618	29.72	29.55	77.8	75.9	88.6	71.7	80.2	96	66	74	72	87	89	.825	.793	14.90	4.06	7.5	7.4	7.3
July	29.608	29.71	29.51	77.4	76.3	89.2	71.1	80.2	92	69	74	72	88	87	.828	.786	11.63	2.42	5.4	5.9	6.4
August	29.614	29.69	29.49	77.8	78.1	90.5	71.6	81.0	93	68	74	72	88	83	.838	.794	2.50	.61	2.6	5.3	5.1
September	29.560	29.64	29.47	77.0	76.4	88.2	71.9	80.0	93	69	73	73	89	89	.822	.806	8.59	2.28	4.2	7.3	6.2
October	29.538	29.70	29.38	75.6	75.2	85.8	70.4	78.1	89	68	73	72	92	91	.808	.792	7.23	1.24	2.4	4.4	5.1
November	29.648	29.80	29.48	69.1	69.4	80.7	63.5	72.1	87	52	65	65	87	86	.622	.618	.36	.15	3.3	3.8	4.8
December	29.650	29.82	29.49	68.2	70.0	80.2	64.3	72.2	87	52	66	66	92	88	.633	.647	.52	.32	5.1	4.3	6.2
Year	29.623	29.99	29.38	72.4	73.6	86.1	66.4	76.2	96	47	68	68	87	82	.698	.684	54.66	4.06	3.5	4.1	4.9

RALEIGH, N. C.

[λ=35° 45′ N.; φ=78° 37′ W.]

January	29.673	30.35	29.01	35.7	43.3	50.7	32.5	41.6	75	20	29	30	74	61	.167	.185	2.20	.76	5.0	3.9	5.0
February	29.616	29.95	29.29	31.9	41.6	48.5	29.0	38.8	72	13	24	25	72	51	.134	.138	1.48	.53	4.4	2.2	3.4
March	29.587	30.08	29.00	46.1	54.7	63.1	40.9	52.0	76	16	38	36	74	51	.251	.238	2.96	1.59	5.1	4.0	4.6
April	29.566	30.02	29.10	49.3	56.9	63.7	43.2	53.4	82	35	40	36	71	51	.249	.225	5.55	3.37	4.0	4.7	5.0
May	29.465	29.79	29.19	63.9	69.8	78.1	58.4	68.2	90	53	57	56	80	68	.474	.475	9.90	3.08	5.9	6.7	6.9
June	29.635	29.81	29.43	72.1	75.9	84.5	65.6	75.0	95	56	66	65	82	72	.646	.633	6.04	1.72	6.0	7.1	6.2
July	29.606	29.76	29.41	77.0	79.9	89.1	71.2	80.2	98	66	71	72	83	78	.767	.784	7.14	2.46	5.5	6.6	5.2
August	29.647	29.75	29.53	74.5	76.8	86.5	69.6	78.0	91	65	71	69	88	80	.749	.721	11.21	3.28	6.8	6.8	5.7
September	29.677	29.95	29.42	67.0	71.6	80.5	62.4	71.4	92	50	62	63	86	75	.580	.587	8.26	3.08	4.3	4.4	4.6
October	29.793	30.10	29.33	54.9	61.8	71.2	49.4	60.3	83	38	48	52	80	70	.356	.398	1.62	.99	2.9	1.3	2.4
November	29.725	30.08	29.22	39.2	46.6	55.0	34.9	45.0	77	29	33	32	78	56	.198	.190	.82	.45	3.2	2.2	3.5
December	29.711	30.08	29.07	35.6	43.2	51.1	31.1	41.1	72	10	31	33	82	68	.199	.224	5.46	2.39	5.3	4.3	4.7
Year	29.642	30.35	29.00	53.9	60.2	68.5	49.0	58.8	98	10	48	47	79	65	.398	.400	62.64	3.37	4.9	4.5	4.7

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

PORT OF SPAIN, TRINIDAD, WEST INDIES.

[H=40 ft.; h_t=65 ft.; h_r=48 ft.; h_a=66 ft.]

Month.	Wind.					Number of winds, 8 a. m. and 8 p. m.								Number of days.											
	By self-registers.																Precipitation.				Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction.a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																						
January	4.9	E.	16	SE.	0	2	12	39	7	1	1	0	0	0	5	16	10	9	4	0	0	0	0	0	0	0	0
February	5.0	E.	22	E.	0	3	17	29	3	3	1	0	0	0	5	19	4	5	2	0	0	0	0	0	0	0	0
March	4.9	E.	17	E.	0	0	14	34	6	1	3	2	1	1	4	13	14	12	5	0	0	0	0	0	0	0	0
April	5.5	E.	17	E.	0	6	7	47	6	0	0	0	0	0	5	14	11	1	0	0	0	0	0	2	0	0	0
May	5.1	E.	19	E.	0	0	4	42	10	3	2	1	0	0	3	9	19	14	11	0	0	0	0	9	0	4	0
June	4.1	E.	18	NE.	0	4	11	33	3	1	5	3	0	0	2	8	22	21	20	0	0	0	0	2	0	10	0
July	4.2	E.	20	S.	0	4	9	37	2	5	4	1	0	0	2	15	14	22	19	0	0	0	0	2	0	13	0
August	3.6	E.	19	S.	0	6	14	21	8	6	4	2	1	0	3	11	17	26	20	0	0	0	0	0	0	14	0
September	3.8	E.	17	SE.	0	6	14	19	11	4	4	2	0	0	3	11	16	18	14	0	0	0	0	5	0	17	0
October	4.0	E.	17	E.	0	6	10	22	14	5	3	0	1	1	5	12	14	17	14	0	0	0	0	7	0	13	0
November	3.8	E.	17	E.	0	4	13	25	8	4	1	3	1	1	7	8	15	17	13	0	0	0	0	1	0	6	0
December	3.6	E.	15	E.	0	6	11	24	11	5	1	2	2	0	5	9	17	23	16	0	0	0	0	0	0	1	0
Year	4.4	E.	22	E.	0	41	136	372	89	38	29	16	6	3	49	143	173	185	138	0	0	0	0	28	0	78	0

PUEBLO, COLO.

[H=4,685 ft.; h_t=80 ft.; h_r=71 ft.; h_a=86 ft.]

January	7.8	W.	38	W.	0	9	7	7	6	0	4	16	13	0	14	16	1	2	2	2	0	0	3	0	28	0	0
February	5.7	SE.	38	W.	0	2	5	4	22	0	2	5	15	1	11	14	3	4	0	4	0	0	7	0	27	0	0
March	8.8	NW.	44	NW.	2	14	4	8	5	4	3	7	17	0	12	14	5	6	3	6	0	0	1	0	25	0	0
April	8.7	N.	41	NW.	2	13	3	3	12	1	5	10	12	1	10	15	5	9	6	8	1	1	0	0	11	3	0
May	7.1	SE.	38	NW.	0	3	4	10	13	1	5	10	14	2	9	16	6	13	12	0	2	0	0	0	0	14	0
June	6.5	SE.	48	NW.	1	10	3	6	10	2	9	7	13	0	22	5	3	5	4	0	1	0	0	10	0	4	0
July	6.6	SE.	45	NW.	1	14	1	3	11	0	7	10	15	1	16	15	0	6	6	0	0	0	0	24	0	10	0
August	6.1	NW.	36	NW.	0	8	6	9	9	2	5	7	16	0	14	16	1	9	6	0	0	0	0	12	0	19	0
September	6.5	SE.	50	N.	2	4	7	7	11	1	8	6	14	2	21	8	1	4	3	0	0	0	0	0	0	3	0
October	5.7	NW.	31	NE.	0	3	8	7	11	0	5	9	17	2	15	15	1	3	2	0	0	0	0	0	4	2	0
November	5.7	NW.	36	W.	0	4	3	11	11	0	2	9	19	1	13	14	3	1	0	0	0	0	2	0	25	1	0
December	6.8	NW.	46	W.	1	6	4	6	13	3	2	15	13	0	13	10	8	7	3	7	0	0	7	0	29	0	0
Year	6.8	NW.	50	N.	9	90	55	81	134	14	57	111	178	10	170	158	37	69	47	27	4	3	18	46	149	56	0

PUERTO PRINCIPE, CUBA.

[H=352 ft.; h_t=55 ft.; h_r=46 ft.; h_a=62 ft.]

January	6.8	NE.	28	NE.	0	17	31	5	0	0	5	1	0	3	18	10	3	3	2	0	0	1	0	0	0	0	0
February	6.5	NE.	24	S.	0	7	26	7	2	1	5	4	3	1	15	10	3	3	1	0	0	5	0	4	0	0	0
March	7.8	NE.	25	E.	0	6	28	14	3	3	3	1	4	0	17	13	1	9	5	0	0	0	0	8	0	1	0
April	7.4	NE.	26	SW.	0	5	36	5	4	3	4	2	2	0	20	7	3	1	1	0	0	2	0	12	0	0	0
May	5.9	NE.	33	N.	0	2	20	18	6	8	6	2	0	0	10	15	6	15	12	0	0	4	0	20	0	8	0
June	7.1	NE.	27	SW.	0	1	12	29	7	3	3	5	0	0	3	11	16	19	18	0	0	0	0	11	0	10	0
July	7.4	NE.	36	E.	0	1	25	24	3	6	2	1	0	0	2	21	8	21	19	0	0	1	0	8	0	13	0
August	6.6	NE.	28	SE.	0	3	20	30	5	1	2	0	0	1	8	20	3	13	10	0	0	0	0	20	0	3	0
September	6.3	NE.	36	E.	0	2	19	27	6	1	2	0	3	0	5	13	12	21	15	0	0	1	0	10	0	7	0
October	6.8	NE.	27	E.	0	6	34	8	1	2	5	5	1	0	9	16	6	21	16	0	0	2	0	0	0	2	0
November	7.4	NE.	29	E.	0	21	38	0	0	0	0	0	0	1	12	11	7	6	3	0	0	0	0	0	0	0	0
December	8.2	NE.	27	E.	0	10	41	7	0	0	1	0	1	2	9	7	15	7	4	0	0	1	0	0	0	0	0
Year	7.0	NE.	36	E.	0	81	329	174	37	28	38	21	14	8	128	154	83	139	106	0	0	17	0	93	0	44	0

RALEIGH, N. C.

[H=376 ft.; h_t=93 ft.; h_r=85 ft.; h_a=101 ft.]

January	6.9	SW.	30	NW.	0	9	6	2	2	6	11	10	15	1	14	4	13	10	8	1	0	0	0	0	15	0	0
February	7.3	NW.	28	NW.	0	5	4	1	1	3	13	10	18	1	17	6	5	6	4	2	0	0	1	0	17	0	0
March	8.2	SW.	30	SW.	0	4	1	1	2	16	16	14	8	0	14	8	9	9	8	0	0	1	0	0	5	3	0
April	8.5	NW.	26	NW.	0	13	8	6	3	2	4	8	16	0	13	8	9	9	8	0	0	0	0	0	0	1	0
May	6.1	SW.	27	SE.	0	10	9	6	8	3	18	5	2	1	11	6	14	17	15	0	2	0	0	0	0	12	0
June	5.1	SW.	25	W.	0	9	4	2	9	8	18	6	2	2	6	15	9	12	10	0	2	0	0	3	0	7	0
July	5.8	SW.	24	SE.	0	4	6	4	3	12	20	9	3	1	8	15	8	15	11	0	0	0	0	17	0	12	0
August	4.6	SW.	22	W.	0	7	7	4	7	13	18	2	2	2	7	15	9	18	14	0	0	0	0	3	0	14	0
September	6.5	N.	28	N.	0	26	8	3	1	4	11	0	7	0	14	10	6	8	6	0	0	0	0	1	0	3	0
October	5.0	N.	20	NE.	0	31	5	1	3	3	4	4	7	4	24	3	4	6	3	0	0	2	0	0	0	0	0
November	6.3	NW.	31	SW.	0	15	3	0	3	3	5	10	18	8	19	5	6	6	5	0	0	1	0	12	0	0	0
December	6.5	N.	30	NW.	0	14	6	1	1	11	10	5	7	7	15	6	10	13	11	1	0	1	4	0	18	0	0
Year	6.4	SW.	31	SW.	0	147	67	31	43	84	148	83	105	22	162	101	102	129	103	4	4	5	5	24	67	52	0

a By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

RAPID CITY, S. DAK.

[λ=44° 04′ N.; φ=103° 12′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	26.554	26.96	26.12	22.4	29.4	41.5	13.4	27.4	61	− 5	14	16	70	57	.086	.094	.07	.07	2.6	2.6	3.3
February	26.641	27.02	26.03	14.7	24.1	30.8	10.2	20.5	61	−12	11	17	85	76	.077	.108	.53	.26	4.4	5.2	4.9
March	26.507	27.00	26.04	25.9	38.7	45.4	22.2	33.8	68	1	18	22	68	56	.100	.121	.40	.20	3.5	4.9	4.5
April	26.580	26.91	26.11	40.1	54.4	59.5	36.7	48.1	89	23	32	32	73	48	.183	.188	1.86	.62	3.7	5.4	5.7
May	26.544	27.14	26.13	53.2	69.1	73.2	48.5	60.8	89	33	42	40	69	38	.281	.252	2.53	1.28	2.5	3.3	3.7
June	26.510	26.77	26.21	56.5	67.4	71.6	51.8	61.7	83	39	50	51	80	58	.369	.388	7.53	2.19	4.0	5.1	4.8
July	26.567	26.79	26.23	68.5	85.7	89.6	63.0	76.3	101	53	59	55	72	38	.500	.441	4.83	2.27	2.6	2.4	2.8
August	26.672	26.86	26.41	62.3	77.3	83.8	59.3	71.6	96	53	53	52	72	46	.401	.407	2.52	.61	3.1	3.1	3.7
September	26.573	26.91	26.07	48.5	62.1	68.1	46.0	57.0	88	27	41	41	77	51	.278	.279	1.30	.30	4.2	4.6	4.3
October	26.675	26.95	26.26	44.4	56.4	65.2	39.8	52.5	80	30	35	36	71	50	.207	.221	1.16	.44	3.1	2.1	2.9
November	26.663	27.06	26.22	33.4	40.5	54.2	27.2	40.8	75	18	24	25	69	55	.128	.132	.14	.08	2.9	1.6	2.8
December	26.580	27.02	26.06	22.9	28.4	37.6	16.0	26.8	58	−24	18	18	81	68	.107	.105	.38	.17	5.3	3.2	4.8
Year	26.589	27.14	26.03	41.1	52.8	60.0	36.2	48.1	101	−24	33	34	74	53	.226	.228	23.25	2.27	3.5	3.6	4.0

RED BLUFF, CAL.

[λ=40° 10′ N.; φ=122° 15′ W.]

January	29.745	30.10	29.36	39.8	50.2	51.5	37.3	44.4	69	25	37	40	90	72	.221	.253	6.60	2.35	3.3	5.4	4.8
February	29.693	30.05	29.25	44.1	54.8	55.9	41.9	48.9	78	27	41	46	88	74	.266	.317	6.64	2.41	5.4	6.6	6.5
March	29.739	30.08	29.35	47.9	66.1	67.3	45.5	56.4	83	39	39	37	71	37	.238	.234	.12	.12	2.6	3.2	2.9
April	29.659	29.89	29.34	48.0	67.8	70.1	46.1	58.1	82	30	36	33	64	32	.212	.199	2.06	1.05	2.0	3.5	2.8
May	29.578	29.79	29.34	55.7	75.9	77.9	55.1	66.5	95	42	46	45	73	38	.323	.316	.41	.24	2.5	3.7	3.0
June	29.719	29.70	29.19	62.9	87.1	88.5	62.6	75.6	108	48	39	36	43	17	.246	.218	T.	T.	1.1	1.4	1.0
July	29.460	29.65	29.22	67.0	95.1	97.0	66.0	81.5	109	54	47	39	50	16	.326	.249	T.	T.	0.4	1.1	0.8
August	29.519	29.72	29.34	68.7	94.5	95.9	67.2	81.6	111	55	48	46	50	21	.335	.318	.00	.00	0.8	1.3	1.0
September	29.506	29.71	29.25	60.4	81.5	83.9	58.5	71.2	103	45	42	42	56	30	.276	.271	1.84	1.05	2.8	2.8	2.7
October	29.652	29.84	29.43	58.5	77.3	79.4	56.3	67.8	93	44	44	46	62	37	.295	.312	2.06	1.24	2.8	3.7	3.3
November	29.741	29.92	29.46	50.4	61.1	63.8	48.6	56.2	82	40	46	48	88	69	.318	.348	4.22	2.47	4.6	6.2	5.8
December	29.851	30.14	29.39	42.0	54.8	58.5	40.0	49.2	68	29	37	38	84	56	.228	.241	1.56	.55	2.5	2.9	3.0
Year	29.655	30.14	29.19	53.8	72.2	74.1	52.1	63.1	111	25	42	41	68	42	.274	.273	25.51	2.47	2.6	3.5	3.1

RICHMOND, VA.[a]

[λ=37° 32′ N.; φ=77° 27′ W.]

January	29.897	30.61	29.25	34.8	.....	46.9	30.7	38.8	68	18	30	....	80	.....	.171	.....	2.80	1.24	5.6	.....	5.2
February	29.858	30.25	29.50	28.6	.....	43.5	25.2	34.7	62	18	21	....	71	.....	.115	.....	.55	.21	3.8	.....	4.1
March	29.811	30.31	29.35	43.8	.....	59.7	39.5	49.6	72	15	36	....	75	.....	.233	.....	3.79	1.69	4.6	.....	5.6
April	29.781	30.31	29.17	48.6	.....	61.7	43.9	52.8	83	38	39	....	77	.....	.247	.....	5.29	2.37	5.8	.....	5.9
May	29.706	30.06	29.43	61.3	.....	74.9	56.1	65.5	88	50	55	....	80	.....	.443	.....	3.80	1.26	6.9	.....	6.4
June	29.857	30.05	29.61	71.2	.....	84.3	65.2	74.8	97	56	65	....	81	.....	.628	.....	2.32	1.26	4.9	.....	5.3
July	29.822	30.01	29.75	77.5	.....	90.3	71.6	81.0	99	64	73	....	86	.....	.811	.....	5.06	1.67	5.6	.....	5.5
August	29.879	30.01	29.77	73.9	.....	85.5	69.4	77.4	93	64	71	....	91	.....	.762	.....	6.99	2.30	5.5	.....	5.6
September	29.918	30.28	29.62	66.6	.....	78.8	61.2	70.0	91	50	62	....	87	.....	.576	.....	3.21	1.04	4.3	.....	5.4
October	30.039	30.40	29.64	52.8	.....	69.9	48.3	59.1	83	37	47	....	80	.....	.341	.....	.79	.56	3.2	.....	3.1
November	29.941	30.31	29.30	37.4	.....	53.3	34.9	44.1	78	19	30	....	74	.....	.175	.....	1.37	1.25	3.0	.....	3.7
December	29.944	30.35	29.41	32.8	.....	47.7	29.5	38.6	68	9	27	....	79	.....	.165	.....	6.08	1.50	5.8	.....	5.6
Year	29.871	30.61	29.17	52.4	.....	66.4	48.0	57.2	99	9	46	....	80	.....	.389	.....	42.05	2.37	4.9	.....	5.1

ROCHESTER, N. Y.

[λ=43° 08′ N.; φ=77° 42′ W.]

January	29.396	30.13	28.69	23.1	25.8	32.2	17.9	25.0	48	− 3	18	21	80	82	.106	.120	3.83	.54	8.2	8.1	9.0
February	29.344	29.72	28.99	14.5	18.3	23.1	12.5	17.8	35	1	11	14	84	82	.068	.081	3.69	1.04	7.6	7.1	7.8
March	29.293	29.69	28.89	29.5	32.5	38.9	24.2	31.6	61	− 1	23	26	76	77	.133	.151	3.75	1.05	7.4	6.9	7.2
April	29.454	29.96	29.02	43.2	46.3	53.7	38.5	46.1	78	30	35	38	74	74	.208	.234	4.06	1.09	6.4	6.1	5.7
May	29.305	29.66	28.96	53.2	56.1	64.5	47.9	56.2	79	39	46	49	79	78	.326	.358	3.06	.80	7.0	6.8	6.2
June	29.398	29.64	29.12	65.1	68.9	77.2	58.0	67.6	95	42	56	57	74	68	.472	.494	2.46	.70	4.7	4.0	4.1
July	29.387	29.68	29.18	72.4	74.8	83.4	65.5	74.4	96	56	63	62	74	66	.588	.567	2.87	1.07	4.7	3.4	4.7
August	29.461	29.64	29.25	67.6	69.8	78.6	61.7	70.2	89	53	61	61	80	74	.546	.542	2.19	1.28	5.4	5.1	4.7
September	29.492	29.95	29.00	59.8	63.3	72.2	54.1	63.2	87	40	54	54	81	72	.430	.426	3.08	1.00	4.4	2.6	3.6
October	29.534	29.94	29.10	47.3	51.2	60.2	42.4	51.3	76	32	40	41	78	69	.268	.285	1.41	.70	4.6	3.8	4.9
November	29.452	29.92	28.86	32.4	34.4	39.0	28.4	33.7	60	14	28	28	81	79	.155	.159	2.63	.65	7.8	7.2	7.4
December	29.448	29.86	29.00	27.1	28.0	34.1	21.4	27.8	62	5	22	23	81	81	.133	.133	4.17	2.20	7.9	6.3	7.8
Year	29.413	30.13	28.69	44.6	47.4	54.8	39.4	47.1	96	− 3	38	40	78	75	.286	.294	37.20	2.20	6.3	5.6	6.1

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

RAPID CITY, S. DAK.

[H=3,234 ft.; h_t=46 ft.; h_r=35 ft.; h_a=50 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	7.9	W.	43	NW.	1	5	4	1	10	1	0	24	17	0	20	7	4	1	1	1	0	0	9	0	29	0	0
February	6.7	NW.	42	SW.	1	12	3	2	7	1	1	10	13	7	9	10	9	6	4	6	0	0	16	0	26	0	0
March	9.8	NW.	40	NW.	1	10	2	5	7	1	0	10	23	4	13	13	5	4	4	4	0	0	6	0	24	0	0
April	8.4	SE.	42	N.	1	7	4	7	12	6	4	8	12	0	7	15	8	7	7	3	0	1	0	0	9	0	0
May	9.1	SE.	36	NW.	0	4	4	3	24	1	3	14	7	2	18	9	4	8	5	0	0	0	0	0	0	2	0
June	7.7	W.	34	SE.	0	12	5	1	8	2	2	14	13	3	12	11	7	13	12	0	1	0	0	0	0	14	0
July	7.6	SE.	34	NW.	0	9	4	2	21	5	3	10	7	1	19	9	3	7	5	0	1	0	0	17	0	9	0
August	6.9	W.	48	S.	1	8	2	1	13	4	5	21	8	0	16	12	3	16	13	0	1	1	0	8	0	15	0
September	8.2	SE.	46	SE.	1	8	6	3	16	0	4	10	12	1	15	7	8	11	9	0	0	1	0	0	2	3	0
October	7.9	NW.	36	SW.	0	4	0	1	13	4	3	17	18	2	21	5	5	6	6	1	0	0	0	0	3	1	0
November	7.5	NW.	34	NW.	0	3	2	2	9	3	2	18	19	2	20	8	2	2	2	2	0	0	1	0	25	0	0
December	8.1	NW.	38	N.	0	8	1	6	6	0	3	15	20	3	14	7	10	8	3	7	0	0	9	0	28	0	0
Year	8.0	W.	48	S.	6	90	37	34	146	28	30	171	169	25	184	113	68	89	71	24	3	3	41	25	146	44	0

RED BLUFF, CAL.

[H=332 ft.; H_1=330 ft.; h_t=50 ft.; h_r=40 ft.; h_a=56 ft.]

January	6.6	N.	37	N.	0	34	2	1	13	3	0	4	5	0	16	4	11	12	12	1	0	4	0	0	5	0	0
February	6.1	N.	46	N.	1	23	3	1	15	2	3	1	7	1	8	3	17	13	9	1	0	0	0	0	4	0	0
March	7.7	N.	35	N.	0	36	0	0	12	1	1	5	7	0	19	8	4	1	1	0	0	0	0	0	0	0	0
April	7.4	SE.	36	N.	0	16	1	1	17	3	3	6	13	0	22	5	3	6	4	0	0	0	0	0	1	1	0
May	5.3	SE.	35	N.	0	20	0	1	25	8	1	2	4	1	18	12	1	6	5	0	0	0	0	2	0	2	0
June	7.6	N.	30	N.	0	29	6	1	15	2	0	1	6	0	27	3	0	0	0	0	0	0	0	12	0	0	0
July	4.6	SE.	22	S.	0	8	0	4	27	8	1	2	10	2	28	2	1	0	0	0	0	0	0	26	0	0	0
August	4.5	SE.	20	N.	0	10	2	1	37	6	0	1	4	1	26	5	0	0	0	0	0	0	0	21	0	0	0
September	5.6	SE.	35	N.	0	23	1	2	24	2	2	1	5	0	20	3	7	6	5	0	0	0	0	11	0	0	0
October	5.0	N.	25	N.	0	33	1	4	8	3	2	4	7	0	18	8	5	6	4	0	0	0	0	4	0	1	0
November	4.9	SE.	24	SE.	0	22	3	2	23	3	2	1	3	1	11	6	13	10	8	0	0	3	0	0	0	0	0
December	5.4	N.	31	N.	0	32	3	0	14	2	6	3	2	0	20	5	6	6	6	0	0	2	0	0	4	0	0
Year	5.9	N.	46	N.	1	286	22	18	230	43	21	31	73	6	233	64	68	66	54	2	0	9	0	76	14	4	0

RICHMOND, VA.

[H=144 ft.; H_1=157 ft.; h_t=82 ft.; h_r=76 ft.; h_a=90 ft.]

January	5.6	NW.	25	NW.	0	11	7	1	2	11	13	3	13	1	14	5	12	8	7	4	0	1	0	0	17	0	0
February	6.2	NW.	26	NW.	0	3	6	3	4	3	11	9	17	0	14	9	5	7	5	3	0	0	1	0	23	0	0
March	7.2	SW.	33	SW.	0	4	6	1	6	15	12	6	11	1	8	12	11	10	9	1	0	1	1	0	6	3	0
April	7.0	N.	30	SW.	0	20	6	4	8	6	3	3	10	0	9	6	15	14	8	0	0	0	0	0	0	1	0
May	5.1	NE.	28	S.	0	8	11	12	8	8	8	2	3	2	5	12	14	19	14	0	0	0	0	0	0	6	0
June	4.9	S.	21	W.	0	4	8	5	7	12	17	2	5	0	9	14	7	7	5	0	0	1	0	7	0	4	0
July	5.7	SW.	26	W.	0	5	7	5	2	9	25	2	5	2	10	11	10	9	8	0	0	1	0	16	0	12	0
August	4.7	S.	20	NW.	0	8	11	4	6	21	8	3	1	0	6	15	10	14	12	0	0	0	0	3	0	6	0
September	5.0	N.	26	W.	0	19	18	5	1	4	9	1	3	0	8	14	8	8	6	0	0	1	0	1	0	4	0
October	4.3	N.	19	NW.	0	20	6	1	9	12	4	3	3	4	19	8	4	4	4	0	0	4	0	0	0	0	0
November	5.7	N.	24	NW.	0	18	7	1	3	7	4	6	13	1	17	6	7	5	4	0	0	1	0	0	8	0	0
December	5.9	N.	35	SW.	0	17	11	0	1	16	5	5	4	3	11	7	13	11	11	1	0	0	6	0	15	0	0
Year	5.6	SW.	35	SW.	0	137	104	42	57	124	119	45	88	14	130	119	116	116	93	9	0	10	8	27	69	36	0

ROCHESTER, N. Y.

[H=523 ft.; h_t=81 ft.; h_r=78 ft.; h_a=102 ft.]

January	9.2	SW.	37	SW.	0	2	3	2	5	8	21	10	11	0	0	5	26	27	19	23	0	1	16	0	30	0	0
February	10.8	SW.	27	NW.	0	0	1	2	0	2	26	12	13	0	1	11	16	23	18	23	0	0	27	0	28	0	0
March	9.9	SW.	30	SW.	0	3	4	4	6	7	20	6	12	0	6	7	18	22	19	17	0	0	6	0	26	1	0
April	8.6	NE.	30	NE.	0	6	14	7	4	4	4	5	15	1	10	6	14	16	12	6	0	0	0	0	2	1	0
May	7.8	NE.	33	W.	0	1	13	4	13	3	12	10	6	0	8	10	13	18	15	0	1	0	0	0	0	3	0
June	7.9	SW.	30	SW.	0	1	6	4	4	7	22	11	5	0	14	11	5	8	6	0	1	0	0	0	3	6	0
July	8.0	SW.	28	SW.	0	2	12	6	3	4	17	13	5	0	11	16	4	16	8	0	0	0	0	0	6	7	0
August	6.1	SW.	29	SW.	0	2	8	6	5	13	12	9	7	0	12	13	6	11	8	0	0	0	0	0	0	10	0
September	7.2	SW.	37	SW.	0	1	5	4	5	7	22	13	3	0	17	12	1	9	7	0	0	0	0	0	0	1	0
October	8.6	SW.	32	SW.	0	0	0	2	2	15	25	12	6	0	11	13	7	10	6	1	1	0	0	0	0	1	0
November	10.3	W.	32	NW.	0	0	3	1	1	9	12	18	16	0	6	4	20	18	13	13	0	0	5	0	23	0	0
December	8.9	SW.	40	NW.	1	2	2	4	6	8	24	11	5	0	3	8	20	13	10	9	0	0	12	0	26	0	0
Year	8.6	SW.	40	NW.	1	20	71	46	54	87	217	130	104	1	99	116	150	191	141	92	3	1	66	9	135	30	0

[a] By eye observations, when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

ROSEAU, DOMINICA, WEST INDIES.

[λ=15° 17′ N.; φ=61° 23′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.				Extremes.			Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Maximum.	Minimum.	Monthly.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.928	30.09	29.84	78.6	75.5	83.9	71.8	77.8	88	69	68	68	70	77	.681	.680	3.53	.86	3.2	2.9	3.9
February	29.960	30.06	29.90	78.5	74.5	84.6	70.4	77.5	88	66	65	65	65	73	.625	.624	.60	.19	3.7	1.6	3.5
March	29.954	30.06	29.89	78.6	75.8	84.7	71.9	78.3	87	69	66	66	65	72	.634	.643	2.39	.74	4.0	2.9	3.5
April	29.903	30.01	29.87	81.5	77.4	86.8	72.6	79.7	89	71	67	66	61	69	.654	.647	.23	.16	3.2	1.0	2.6
May	29.890	29.98	29.81	82.3	79.3	87.9	74.5	81.2	91	72	70	68	66	69	.722	.694	1.61	.63	4.7	2.1	4.4
June	29.924	30.03	29.84	82.0	78.4	86.8	74.6	80.7	91	72	70	70	69	76	.745	.738	9.47	2.27	6.7	4.8	6.9
July	29.896	30.01	29.77	81.7	78.3	86.7	74.0	80.4	90	72	72	71	72	75	.776	.750	19.03	4.24	5.5	4.3	5.7
August	29.900	30.00	29.78	82.5	78.5	88.1	74.7	81.4	91	72	71	71	70	78	.769	.760	11.12	3.60	4.5	3.5	4.9
September	29.874	29.95	29.72	82.9	78.8	87.2	75.3	81.2	91	72	72	72	71	80	.792	.775	5.24	1.47	5.4	3.8	5.5
October	29.821	29.95	29.67	83.3	77.9	87.7	75.3	81.5	90	74	72	71	69	80	.782	.760	3.90	1.08	4.3	2.5	5.3
November	29.865	29.98	29.75	81.8	76.9	86.7	73.8	80.2	90	70	71	71	71	82	.757	.747	5.36	2.55	4.8	3.3	5.3
December	29.878	29.99	29.81	80.0	76.8	84.9	72.8	78.8	89	70	67	68	66	76	.668	.679	3.23	1.37	4.7	3.2	5.0
Year	29.899	30.09	29.67	81.1	77.8	86.3	73.5	79.9	91	66	69	69	68	76	.717	.708	65.71	4.24	4.6	3.0	4.7

ROSEBURG, OREG.

[λ=43° 13′ N.; φ=123° 20′ W.]

January	29.498	29.93	29.00	36.4	42.7	44.3	34.5	39.4	59	24	35	38	95	84	.212	.229	8.35	2.73	6.8	6.8	6.9
February	29.446	29.85	28.99	38.1	49.5	50.8	36.9	43.8	70	21	37	40	95	73	.231	.271	4.49	1.08	5.4	8.0	6.7
March	29.573	29.89	28.96	40.1	54.9	56.2	38.4	47.3	72	31	38	38	92	55	.230	.232	3.13	.72	5.9	6.1	6.0
April	29.592	29.77	28.96	40.1	57.3	59.1	38.4	48.8	70	30	37	36	89	49	.225	.222	1.60	.78	5.7	5.3	5.5
May	29.447	29.76	29.20	47.3	64.6	66.3	46.7	56.5	82	37	45	47	92	56	.304	.332	1.97	.40	7.5	6.4	6.9
June	29.508	29.67	29.20	48.7	67.8	68.8	48.0	58.4	87	40	45	44	88	43	.304	.290	.41	.30	5.9	3.3	4.6
July	29.392	29.59	29.22	51.8	76.2	77.2	50.8	64.0	89	40	47	47	85	38	.330	.327	.17	.14	5.1	2.8	4.0
August	29.411	29.57	29.18	55.6	82.8	84.3	54.4	69.4	101	46	51	50	85	35	.379	.367	.58	.47	2.3	1.8	2.0
September	29.414	29.73	29.02	48.7	68.0	70.4	47.6	59.0	87	39	46	45	92	48	.319	.302	3.81	1.06	4.7	4.3	4.5
October	29.523	29.79	29.15	50.8	66.7	68.0	49.7	58.8	80	42	49	53	95	63	.354	.404	2.00	.80	5.0	5.6	5.3
November	29.515	29.84	29.13	43.3	54.7	56.9	41.2	49.0	66	32	42	46	95	73	.267	.308	2.76	1.86	4.4	6.8	5.6
December	29.703	30.09	29.21	37.5	42.1	44.2	35.2	39.7	60	24	36	39	96	88	.218	.239	5.10	2.08	4.9	5.7	5.3
Year	29.502	30.09	28.96	44.9	60.6	62.2	43.5	52.8	101	21	42	44	92	59	.281	.294	34.37	2.73	5.3	5.2	5.3

SACRAMENTO, CAL.

[λ=38° 35′ N.; φ=121° 30′ W.]

January	30.026	30.38	29.64	41.9	49.8	51.1	38.9	45.0	57	26	39	41	91	73	.244	.260	3.70	.98	4.3	5.1	6.5
February	29.967	30.31	29.52	45.8	55.5	56.8	43.5	50.2	70	31	43	45	89	69	.286	.311	5.32	1.80	3.8	6.0	6.5
March	30.009	30.30	29.77	49.5	63.6	65.0	46.7	55.8	73	38	44	41	81	46	.288	.268	.48	.36	1.7	3.3	4.1
April	29.939	30.12	29.70	47.5	66.5	68.1	44.8	56.4	80	35	41	40	80	40	.262	.252	2.23	1.75	2.9	3.7	4.0
May	29.856	30.04	29.65	51.4	71.2	73.2	49.7	61.4	93	44	48	50	89	49	.336	.371	.80	.30	3.6	3.1	4.2
June	29.791	29.93	29.47	57.5	81.7	83.8	55.5	69.6	104	47	a49	47	a75	31	a.347	.333	T.	T.	a1.7	1.8	3.2
July	29.743	29.90	29.52	57.5	86.7	89.2	56.0	72.6	100	47	50	53	78	34	.365	.417	T.	T.	0.9	0.6	0.9
August	29.804	30.00	29.65	59.3	84.6	87.1	58.0	72.6	105	50	52	55	78	38	.386	.438	T.	T.	1.6	1.8	1.9
September	29.785	29.96	29.54	55.6	78.9	80.9	54.2	67.6	98	48	48	48	78	38	.339	.345	.56	.56	1.4	1.6	1.6
October	29.918	30.10	29.71	56.0	75.8	79.1	53.9	66.5	92	45	49	51	80	44	.354	.377	1.56	1.16	2.2	3.8	3.2
November	30.027	30.19	29.75	50.2	62.6	64.8	48.5	56.6	76	41	48	51	93	68	.339	.381	2.68	.78	4.5	5.5	5.4
December	30.120	30.39	29.87	41.4	53.5	55.5	38.8	47.2	66	28	38	41	90	64	.237	.261	1.19	.70	1.9	3.5	3.3
Year	29.915	30.39	29.47	51.1	69.2	71.2	49.0	60.1	105	26	46	47	84	50	.315	.334	18.52	1.80	2.5	3.3	3.7

ST. LOUIS, MO.

[λ=38° 38′ N.; φ=90° 12′ W.]

January	29.476	29.99	28.92	32.3	39.2	44.8	29.7	37.2	69	8	27	30	79	69	.150	.174	1.12	.54	5.1	3.5	4.3
February	29.504	29.99	28.99	25.9	32.9	37.5	24.4	31.0	60	12	19	24	72	69	.104	.135	1.86	1.16	4.9	4.2	5.0
March	29.258	29.78	28.45	41.2	46.0	52.3	37.2	44.8	71	15	31	35	68	68	.189	.218	2.94	1.50	6.4	5.3	6.4
April	29.452	29.83	28.61	48.8	58.6	62.9	45.9	54.4	89	33	40	46	73	64	.259	.320	2.35	.99	5.1	5.6	5.1
May	29.274	29.64	29.01	60.1	69.9	75.2	57.3	66.2	90	46	50	53	71	57	.368	.417	2.69	.93	5.1	5.4	4.9
June	29.337	29.55	29.17	74.1	84.1	90.3	70.8	80.6	102	54	62	62	68	49	.573	.506	3.92	2.29	3.4	5.3	3.6
July	29.359	29.55	29.16	80.0	90.6	97.8	76.9	87.4	107	63	64	62	59	41	.608	.575	1.47	1.07	2.0	4.0	3.2
August	29.365	29.57	29.14	72.1	85.0	90.0	70.0	80.0	105	63	61	60	69	46	.539	.532	.76	.34	3.3	3.5	3.1
September	29.422	29.71	29.01	63.4	75.3	82.0	61.5	71.8	96	43	55	56	74	58	.443	.470	.64	.31	2.0	2.7	3.1
October	29.526	29.83	29.04	53.0	64.6	71.7	51.9	61.8	89	42	44	48	72	56	.297	.345	2.12	.99	3.6	2.4	3.0
November	29.555	30.00	29.18	37.6	47.6	52.6	35.4	44.0	76	23	30	33	72	57	.171	.194	1.21	.60	3.6	1.6	2.9
December	29.461	30.00	28.96	27.6	31.3	36.7	23.7	30.2	62	−10	23	24	82	74	.147	.143	3.72	2.40	7.4	5.9	6.6
Year	29.416	30.00	28.45	51.3	60.4	66.2	48.7	57.4	107	−10	42	44	72	59	.321	.341	24.80	2.40	4.3	4.1	4.3

a For 29 days.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

ROSEAU, DOMINICA, WEST INDIES.

[H=25 ft.; h_t=37 ft.; h_r=32 ft.; h_a=47 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Aurora.
	Miles.		*Mi.*																								
January	5.4	E.	21	E.	0	2	19	26	3	3	3	0	6	0	16	12	3	11	9	0	0	0	0	0	0	0	0
February	5.2	E.	20	E.	0	4	11	29	7	2	0	0	3	0	15	11	2	9	5	0	0	0	0	0	0	0	0
March	6.1	E.	24	E.	0	3	22	24	6	2	3	1	1	0	17	13	1	14	10	0	0	0	0	0	0	0	0
April	5.4	E.	17	SW.	0	2	13	22	5	4	5	7	2	0	22	6	2	4	2	0	0	0	0	0	0	0	0
May	5.3	E.	23	SE.	0	1	13	18	10	8	3	4	5	0	11	15	5	15	6	0	0	0	0	1	0	1	0
June	4.8	NE.	23	E.	0	4	23	15	10	1	3	2	2	0	5	10	15	23	21	0	0	0	0	1	0	4	0
July	5.3	NE.	38	SE.	0	3	19	18	10	3	5	4	0	0	7	13	11	28	25	0	0	0	0	0	0	3	0
August	5.4	NE.	29	SE.	0	4	29	16	7	1	1	1	3	0	14	8	9	27	23	0	0	0	0	4	0	4	0
September	4.8	E.	27	W.	0	4	22	14	6	6	1	3	4	0	10	10	10	14	13	0	0	0	0	2	0	5	0
October	5.3	NE.	25	S.	0	4	24	15	9	5	1	1	2	1	11	11	9	17	13	0	0	0	0	0	0	2	0
November	4.9	E.	37	SW.	0	7	20	21	7	3	1	1	0	0	10	13	7	21	15	0	0	0	0	1	0	2	0
December	5.4	NE.	24	NE.	0	3	27	25	4	2	0	0	1	0	9	16	6	17	14	0	0	0	0	0	0	2	0
Year	5.3	NE.	38	SE.	0	41	242	243	84	40	26	24	29	1	147	138	80	200	156	0	0	0	0	9	0	23	0

ROSEBURG, OREG.

[H=518 ft.; h_t=56 ft.; h_r=48 ft.; h_a=67 ft.]

January	3.1	S.	24	W.	0	5	7	5	7	7	14	4	13	0	6	6	19	17	14	0	0	9	0	0	11	0	0
February	2.7	NW.	17	N.	0	6	6	6	3	8	5	8	13	1	6	8	14	19	14	1	0	3	0	0	10	0	0
March	3.9	SW.	24	SW.	0	2	4	6	8	5	11	8	15	3	8	14	9	17	12	0	0	6	0	0	2	0	0
April	4.5	SW.	27	SW.	0	18	8	4	2	9	8	7	9	0	11	8	11	12	8	0	0	2	0	0	4	1	0
May	3.8	NW.	27	SW.	0	12	14	8	3	3	3	1	15	3	4	12	15	15	7	0	1	0	0	0	0	0	0
June	4.6	NW.	18	W.	0	19	12	2	0	0	2	2	22	1	11	16	3	5	4	0	0	0	0	0	0	0	0
July	4.6	N.	20	N.	0	21	12	2	1	0	2	0	19	5	14	11	6	3	1	0	0	0	0	0	0	0	0
August	3.7	NW.	18	N.	0	15	3	2	0	0	1	0	28	13	23	6	2	3	2	0	0	0	0	7	0	3	0
September	3.5	NW.	30	SW.	0	0	8	8	4	1	6	2	23	8	13	8	9	14	9	0	0	2	0	0	0	0	0
October	2.3	NW.	17	SW.	0	0	1	15	4	2	5	7	20	8	12	7	12	7	6	0	0	10	0	0	0	0	0
November	2.5	NW.	28	SW.	0	0	7	8	6	10	3	8	10	8	8	13	9	15	9	0	0	11	0	0	1	0	0
December	2.6	E.	30	SW.	0	0	7	17	6	6	3	3	11	9	7	16	8	16	12	0	0	14	2	0	14	0	0
Year	3.5	NW.	30	SW.	0	93	89	83	44	51	63	50	198	59	123	125	117	143	98	1	2	57	2	7	42	4	0

SACRAMENTO, CAL.

[H=69 ft.; h_t=106 ft.; h_r=100 ft.; h_a=117 ft.]

January	8.4	SE.	60	SE.	3	15	9	0	16	11	4	1	6	0	6	10	15	13	11	0	0	12	0	0	2	0	0
February	8.4	SE.	36	SE.	0	10	7	0	15	9	7	0	8	0	6	9	13	10	9	0	0	4	0	0	2	1	0
March	8.6	NW.	36	N.	0	5	11	0	15	4	11	0	16	0	16	9	6	2	2	0	0	1	0	0	0	0	0
April	9.8	SW.	33	SW.	0	10	1	0	13	9	18	0	9	0	18	4	8	5	4	0	0	0	0	0	0	0	0
May	8.4	SW.	27	SW.	0	3	2	0	14	14	25	0	4	0	16	9	6	6	5	0	0	0	0	1	0	0	0
June	8.9	SW.[b]	30	NW.	0	[b]9	[b]2	[b]0	[b]8	[b]9	[b]25	[b]0	[b]6	[b]0	20	9	1	0	0	0	0	0	0	7	0	0	0
July	8.9	SW.	24	SW.	0	3	1	0	8	18	30	0	1	1	29	2	0	0	0	0	0	0	0	17	0	0	0
August	9.1	S.	24	SW.	0	1	1	1	7	30	21	0	1	0	24	5	2	0	0	0	0	0	0	11	0	1	0
September	8.0	S.	28	SW.	0	5	2	1	15	21	7	2	7	0	25	2	3	1	1	0	0	0	0	7	0	0	0
October	6.0	SE.	24	SE.	0	7	11	6	13	12	3	5	5	0	19	8	4	3	3	0	0	0	0	2	0	0	0
November	5.6	SE.	32	SE.	0	8	7	10	19	8	1	3	4	0	11	9	10	9	8	0	0	1	0	0	0	0	0
December	7.5	SE.	40	NW.	1	14	10	5	17	5	0	0	11	0	19	5	7	4	4	0	0	9	0	0	5	0	0
Year	8.1	SE.	60	SE.	4	90	64	23	160	150	152	11	78	1	209	81	75	53	47	0	0	27	0	45	9	2	0

ST. LOUIS, MO.

[H=567 ft.; h_t=111 ft.; h_r=100 ft.; h_a=210 ft.]

January	11.1	S.	37	W.	0	5	5	2	7	13	3	15	12	0	17	5	9	6	5	1	1	0	4	0	20	1	0
February	10.9	W.	45	W.	1	6	2	5	5	7	4	9	18	0	13	5	10	8	7	5	0	0	8	0	21	0	0
March	14.0	S.	58	SW.	4	3	3	5	5	15	7	15	9	0	8	6	17	9	7	2	0	0	1	0	9	2	0
April	10.6	N.	43	SW.	1	12	10	15	9	3	1	3	6	1	14	3	13	9	9	2	0	0	0	0	1	1	0
May	9.9	W.	39	W.	0	12	7	8	5	7	2	13	8	0	11	11	9	12	10	0	1	0	0	1	0	4	0
June	9.3	S.	45	W.	1	5	3	8	6	17	10	6	4	1	15	13	2	6	6	0	0	0	0	16	0	7	0
July	8.2	S.	33	NW.	0	4	7	10	7	12	13	9	0	0	16	13	2	3	2	0	0	0	0	28	0	4	0
August	7.6	NE.	30	E.	0	14	16	10	3	10	4	2	3	0	20	6	5	6	5	0	0	0	0	18	0	1	0
September	6.4	S.	45	SW.	1	7	8	3	8	23	4	2	4	1	20	4	6	4	3	0	0	0	0	5	0	2	0
October	8.0	S.	27	W.	0	14	3	8	3	19	6	4	4	1	21	3	7	8	8	0	0	0	0	0	0	8	0
November	9.5	S.	36	NW.	0	10	4	2	6	17	1	6	14	0	20	6	4	4	3	0	0	0	0	0	0	9	0
December	10.3	S.	27	N.	0	10	1	3	10	14	5	10	9	0	6	9	16	7	5	6	0	1	8	0	17	1	0
Year	9.6	S.	58	SW.	8	102	69	79	74	157	60	94	91	4	181	84	100	82	70	16	2	1	21	68	76	26	0

[a] By eye observations when there is no self-register at station.

[b] For 59 observations.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

ST. PAUL, MINN.

[λ=44° 58′ N.; φ=93° 03′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.104	29.72	28.41	12.4	19.4	24.4	8.1	16.2	42	—10	9	15	84	81	.069	.090	.37	.24	4.1	5.5	5.4
February	29.174	29.71	28.63	6.9	17.0	20.0	5.1	12.6	36	—10	4	12	86	78	.052	.075	.40	.28	3.0	3.1	3.8
March	28.951	29.41	28.32	25.3	32.5	36.3	23.3	29.8	52	— 7	20	27	81	81	.117	.156	2.52	.96	6.3	7.2	6.5
April	29.207	29.62	28.68	41.6	56.4	59.7	40.4	50.0	87	26	34	35	73	48	.204	.216	1.14	.67	5.3	6.4	5.5
May	29.023	29.67	28.62	52.7	66.7	70.2	50.1	60.2	90	35	45	42	75	44	.307	.277	1.64	.66	4.5	4.4	4.5
June	28.965	29.27	28.67	62.9	74.4	78.7	60.4	69.6	96	40	56	56	80	64	.473	.471	7.21	1.79	5.0	5.1	5.2
July	29.015	29.29	28.68	70.6	83.2	87.7	68.2	78.0	104	53	62	63	76	53	.572	.592	2.30	.82	3.5	2.6	4.5
August	29.108	29.36	28.80	63.3	78.6	82.2	62.1	72.2	94	49	57	56	80	47	.465	.449	2.08	.63	2.4	3.8	3.9
September	29.073	29.40	28.56	52.2	64.2	68.3	51.1	59.7	90	36	47	49	84	61	.333	.357	5.04	1.45	6.2	5.2	5.5
October	29.139	29.44	28.80	44.6	55.4	60.6	42.7	51.6	80	30	39	40	80	57	.246	.260	.91	.24	3.2	4.3	4.4
November	29.206	29.63	28.67	26.7	33.4	38.9	23.2	31.0	57	13	22	24	81	66	.120	.131	1.60	1.49	4.2	3.9	4.9
December	29.117	29.60	28.55	12.9	18.0	23.0	8.5	15.8	40	—25	10	13	87	79	.079	.091	.54	.16	5.4	5.5	6.2
Year	29.090	29.72	28.32	39.3	49.9	54.2	36.9	45.6	104	—25	34	36	81	62	.253	.264	25.75	1.79	4.4	4.8	5.0

SALT LAKE CITY, UTAH.

[λ=40° 46′ N.; φ=111° 54′ W.]

January	25.684	26.10	25.24	29.6	35.4	41.4	25.6	33.5	51	4	21	26	70	68	.116	.140	.95	.46	4.0	5.0	4.7
February	25.627	26.06	25.08	31.4	37.2	41.4	28.8	35.1	55	15	25	29	77	70	.138	.159	1.77	.86	7.5	6.6	6.3
March	25.624	26.04	25.24	35.0	44.3	48.8	31.3	40.0	65	25	22	25	60	49	.119	.135	2.48	.80	4.5	4.0	3.5
April	25.558	25.71	25.21	42.4	56.0	59.7	39.4	49.6	79	25	23	26	48	38	.125	.140	.87	.40	5.0	4.1	3.5
May	25.501	25.78	25.16	55.3	70.0	73.6	52.3	63.0	88	43	37	38	52	35	.225	.237	4.27	2.72	2.6	4.4	2.9
June	25.516	25.79	25.22	56.6	74.0	76.3	53.7	65.0	90	40	35	35	46	27	.207	.207	.49	.49	3.8	3.0	2.7
July	25.552	25.76	25.35	69.3	90.0	93.5	66.8	80.2	101	49	40	38	35	17	.254	.235	.31	.27	1.7	3.4	2.6
August	25.654	25.76	25.54	68.0	83.2	87.6	64.5	76.0	95	56	46	45	47	30	.321	.318	1.22	.51	3.8	3.7	3.8
September	25.552	25.77	25.09	54.3	72.2	75.2	50.7	63.0	86	39	29	28	39	20	.161	.152	.66	.66	1.7	2.8	2.5
October	25.707	25.94	25.34	49.2	60.6	65.5	45.7	55.6	86	36	33	36	56	44	.191	.218	.98	.43	2.8	4.3	3.3
November	25.746	25.97	25.37	40.4	48.0	55.0	36.8	45.9	67	29	27	32	60	55	.148	.181	.92	.49	3.6	3.8	3.8
December	25.743	26.16	25.34	29.1	34.2	39.3	26.2	32.8	59	11	22	25	73	69	.118	.139	1.16	.86	4.9	5.4	5.6
Year	25.622	26.16	25.08	46.7	58.8	63.1	43.5	53.3	101	4	30	32	56	43	.177	.188	16.08	2.72	3.8	4.2	3.8

SAN ANTONIO, TEX.

[λ=29° 27′ N.; φ=98° 28′ W.]

January	29.394	29.77	28.95	49.3	60.1	66.0	46.8	56.4	80	26	44	48	84	65	.318	.353	.41	.39	4.0	5.0	6.4
February	29.329	29.69	28.87	45.1	57.3	62.8	42.5	52.6	84	27	39	39	80	56	.256	.253	.71	.28	5.5	5.0	5.8
March	29.217	29.85	28.73	51.6	70.7	76.5	49.2	62.8	95	31	41	36	70	33	.292	.239	.54	.46	4.1	3.2	3.4
April	29.260	29.56	28.86	58.0	74.4	80.2	55.4	67.8	90	42	51	45	80	39	.408	.333	.59	.28	6.1	4.3	5.1
May	29.123	29.52	28.87	66.7	81.6	88.4	64.5	76.4	96	52	62	58	86	47	.570	.494	2.47	1.15	5.5	4.0	4.6
June	29.180	29.34	28.98	73.4	89.4	94.0	71.4	82.7	101	62	69	66	87	47	.714	.639	1.86	.74	5.1	3.0	4.1
July	29.213	29.39	29.02	75.8	88.7	94.3	73.9	84.1	101	70	72	66	89	51	.790	.658	3.79	1.78	4.0	3.3	4.8
August	29.197	29.36	29.01	75.8	91.1	98.2	73.3	85.8	103	71	69	65	83	44	.721	.619	.96	.44	2.0	3.3	4.4
September	29.210	29.45	28.96	69.5	81.2	88.4	68.4	78.4	97	54	66	64	88	58	.656	.614	4.20	2.24	5.2	3.6	5.1
October	29.360	29.58	29.05	61.6	77.0	83.9	60.6	72.2	94	45	57	55	84	49	.475	.455	.12	.11	4.1	2.5	3.9
November	29.412	29.69	29.13	54.6	67.4	73.9	52.6	63.2	82	39	49	48	82	52	.387	.351	.64	.63	4.7	2.7	4.4
December	29.339	29.97	28.82	43.9	59.0	66.7	40.3	53.5	84	15	35	35	71	42	.231	.222	.15	.10	2.8	2.9	3.4
Year	29.270	29.97	28.73	60.4	74.8	81.1	58.2	69.7	103	15	54	52	82	49	.485	.436	16.44	2.24	4.4	3.6	4.6

SAN DIEGO, CAL.

[λ=32° 43′ N.; φ=117° 10′ W.]

January	29.961	30.16	29.74	51.7	58.8	62.7	49.7	56.2	75	40	38	47	64	67	.250	.334	2.08	.74	4.5	5.4	3.2
February	29.905	30.18	29.50	52.5	60.6	63.9	51.1	57.5	83	44	46	48	78	65	.312	.344	4.77	2.39	3.9	4.7	3.2
March	29.910	30.05	29.74	54.1	63.3	67.1	53.0	60.0	82	47	46	49	75	62	.314	.350	1.07	.53	3.6	3.4	2.4
April	29.918	30.05	29.75	53.7	60.1	62.1	52.8	57.4	66	46	45	49	73	67	.308	.347	.01	.01	7.5	2.7	2.5
May	29.850	29.95	29.70	57.3	61.3	63.3	56.8	60.0	67	51	51	52	79	71	.374	.385	.77	.52	8.4	6.9	6.2
June	29.808	29.91	29.60	59.5	64.5	66.2	58.8	62.5	86	53	53	55	78	73	.399	.441	.02	.02	8.2	3.3	3.6
July	29.744	29.84	29.64	62.7	68.2	69.5	62.0	65.8	74	57	58	60	86	74	.491	.509	T.	T.	7.9	1.8	2.7
August	29.803	29.85	29.70	64.7	70.2	72.3	64.2	68.2	79	58	61	62	88	75	.540	.550	T.	T.	6.5	3.0	2.4
September	29.784	29.88	29.69	61.6	66.9	68.7	61.0	64.8	72	56	58	57	88	70	.480	.461	.06	.06	7.7	1.0	2.5
October	29.869	29.98	29.72	58.7	65.2	68.3	57.4	62.8	96	51	54	56	84	74	.415	.449	.28	.22	4.8	2.6	3.2
November	29.968	30.05	29.86	55.7	62.4	67.6	54.1	60.8	80	49	52	54	90	77	.397	.427	.41	.41	4.5	2.8	2.1
December	29.964	30.24	29.76	51.4	60.2	67.2	48.3	57.8	76	35	34	43	56	60	.213	.300	.02	.01	0.8	2.8	2.2
Year	29.874	30.24	29.50	57.0	63.5	66.6	55.8	61.2	96	35	50	53	78	70	.374	.408	9.49	2.39	5.7	3.4	3.0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

ST. PAUL, MINN.

[H=837 ft.; h_t=114 ft.; h_r=93 ft.; h_a=124 ft.]

Month.	Wind.														Number of days.													
	By self-registers.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.				Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	8.9	NW.	34	W.	0	5	4	1	12	5	7	5	23	0	13	7	11	6	3	6	0	0	24	0	31	0	0
February	8.7	NW.	26	NW.	0	1	1	2	10	5	3	7	27	0	13	11	4	4	2	4	0	0	26	0	28	0	0
March	9.8	NW.	38	NW.	0	12	10	6	7	0	4	6	17	0	7	9	15	14	11	11	1	0	6	0	27	1	0
April	7.2	SE.	30	SE.	0	8	9	4	22	3	1	1	12	0	9	13	8	5	3	0	0	0	0	0	7	2	0
May	7.5	NE.	30	NW.	0	10	16	3	13	2	1	1	16	0	13	10	8	7	4	0	0	0	0	0	0	2	0
June	7.8	SE.	56	W.	1	3	2	3	18	15	6	8	5	0	6	20	4	15	12	0	2	1	0	4	0	10	0
July	7.2	SE.	36	NW.	0	7	10	9	10	10	8	1	12	0	10	19	2	8	7	0	0	0	0	13	0	8	0
August	6.1	SE.	23	NW.	0	9	6	4	11	14	4	3	11	0	16	12	3	8	6	0	0	0	0	3	0	6	0
September	7.7	S.	34	NW.	0	7	8	2	9	13	7	8	6	0	10	9	11	14	9	0	1	0	0	1	0	2	0
October	7.7	NW.	25	NW.	0	3	0	2	11	11	11	7	17	0	15	9	7	9	7	0	1	0	0	0	1	2	0
November	8.6	NW.	31	NW.	0	8	0	3	4	18	2	5	20	0	14	7	9	5	4	1	0	1	7	0	26	1	0
December	7.9	NW.	30	N.	0	6	0	2	9	8	4	12	21	0	8	8	15	11	6	11	0	0	19	0	31	0	0
Year	7.9	NW.	56	W.	1	79	66	41	136	104	53	64	187	0	134	134	97	106	74	33	5	2	82	21	151	34	0

SALT LAKE CITY, UTAH.

[H=4,366 ft.; h_t=105 ft.; h_r=97 ft.; h_a=110 ft.]

January	5.0	SE.	40	NW.	1	5	0	1	16	15	3	12	9	1	16	3	12	5	4	3	0	0	4	0	24	1	0
February	4.0	NW.	21	NW.	0	5	5	4	11	6	1	10	12	2	5	10	13	12	9	8	0	0	1	0	17	0	0
March	6.2	NW.	32	N.	0	4	6	4	9	10	2	6	20	1	18	7	6	9	8	7	0	0	0	0	20	0	0
April	7.8	SE.	37	NW.	0	8	9	1	17	9	2	3	10	1	17	8	5	6	5	5	0	0	0	0	11	1	0
May	7.3	SE.	45	W.	1	8	5	8	16	7	0	5	13	0	20	9	2	7	5	0	0	0	0	0	0	3	0
June	6.6	NW.	54	NW.	1	16	9	5	9	2	1	4	13	1	23	4	3	2	1	0	0	0	0	0	0	1	0
July	6.3	SE.	44	SW.	1	6	4	3	23	10	1	3	11	1	19	10	2	2	2	0	0	0	0	24	0	7	0
August	5.8	SE.	30	W.	0	6	5	6	22	4	2	4	13	0	18	7	6	11	4	0	0	0	0	11	0	11	0
September	7.0	SE.	40	SW.	1	9	5	4	21	1	3	4	13	0	21	6	3	1	1	0	0	0	0	0	0	1	0
October	5.0	SE.	36	NW.	0	5	2	1	27	2	2	7	15	1	22	4	5	5	5	0	1	0	0	0	0	2	0
November	4.9	SE.	36	SW.	0	5	8	9	17	8	0	8	9	1	15	9	6	5	4	0	0	0	0	0	4	1	0
December	4.8	SE.	50	NW.	2	7	1	7	26	5	1	4	10	1	9	9	13	14	9	8	0	0	5	0	24	1	0
Year	5.9	SE.	54	NW.	7	84	59	53	214	74	18	70	148	10	203	86	76	79	57	31	1	0	10	35	100	29	0

SAN ANTONIO, TEX.

[H=701 ft.; H_1=705 ft.; h_t= 80ft.; h_r=72 ft.; h_a=91 ft.]

January	5.9	S.	20	NW.	0	18	6	4	11	18	3	0	2	0	4	14	13	4	2	0	0	8	0	0	1	0	0
February	8.5	N.	36	N.	0	19	15	3	8	5	2	2	2	0	10	6	12	10	3	0	0	2	0	0	2	0	0
March	10.1	SE.	48	NW.	2	12	11	2	15	5	3	3	11	0	18	7	6	5	2	0	0	1	0	2	1	2	0
April	9.3	SE.	40	NW.	1	7	5	10	25	3	0	3	7	0	10	12	8	6	3	0	0	1	0	1	0	0	0
May	8.4	SE.	39	NW.	0	9	7	7	29	1	2	2	5	0	10	15	6	9	4	0	0	0	0	11	0	5	0
June	7.4	SE.	30	W.	0	1	2	6	43	3	1	0	1	1	14	13	3	5	4	0	0	0	0	25	0	3	0
July	7.4	E.	42	NE.	1	3	5	6	44	3	0	0	1	0	10	15	6	6	6	0	0	0	0	27	0	2	0
August	5.6	SE.	38	N.	0	7	7	12	28	6	1	0	1	0	11	18	2	8	6	0	0	0	0	31	0	5	0
September	6.7	SE.	30	SE.	0	4	11	25	17	1	0	2	0	0	8	13	9	10	8	0	0	0	0	11	0	5	0
October	6.2	SE.	26	NE.	0	9	13	18	19	1	0	0	1	1	15	10	6	2	1	0	0	1	0	3	0	1	0
November	7.1	SE.	28	N.	0	11	10	10	18	7	1	0	3	0	11	15	4	3	1	0	0	2	0	0	0	0	0
December	8.5	SE.	35	NW.	0	10	5	5	15	5	3	3	14	2	17	6	8	3	1	0	0	2	0	0	6	0	0
Year	7.6	SE.	48	NW.	4	110	97	110	272	58	16	15	48	4	138	144	83	71	41	0	0	17	0	111	10	23	0

SAN DIEGO, CAL.

[H=87 ft.; h_t=94 ft.; h_r=86 ft.; h_a=102 ft.]

January	5.2	NW.	24	S.	0	8	7	7	5	5	3	4	22	1	21	3	7	7	7	0	0	1	0	0	0	0	0
February	6.4	NW.	35	SW.	0	5	10	5	5	3	4	5	19	0	16	7	5	10	8	0	1	4	0	0	0	1	0
March	6.1	NW.	24	NW.	0	3	10	11	1	2	7	9	19	0	25	4	2	5	5	0	1	0	0	0	0	1	0
April	6.1	NW.	26	W.	0	3	6	7	6	0	9	10	19	0	24	4	2	1	0	0	0	0	0	0	0	1	0
May	6.3	W.	24	S.	0	1	4	2	3	5	11	18	18	0	8	11	12	7	4	0	1	0	0	0	0	0	0
June	5.9	SW.	18	SW.	0	6	2	0	4	7	16	11	12	2	20	5	5	1	0	0	0	0	0	0	0	0	0
July	5.4	NW.	20	NW.	0	4	2	1	4	3	14	7	21	6	24	4	3	0	0	0	0	2	0	0	0	0	0
August	6.0	NW.	23	NW.	0	9	1	0	9	0	7	14	30	1	27	2	2	0	0	0	0	2	0	0	0	0	0
September	5.6	NW.	19	NW.	0	9	4	0	7	1	9	9	20	1	24	5	1	1	3	0	0	5	0	0	0	0	0
October	5.2	NW.	22	NE.	0	7	10	5	2	3	4	9	19	3	22	6	3	3	3	0	0	9	0	1	0	0	0
November	4.6	NW.	21	NW.	0	12	9	3	1	0	2	4	23	6	24	4	2	2	2	0	0	7	0	0	0	0	0
December	4.8	NE.	27	E.	0	6	18	7	1	2	2	2	22	2	27	3	1	2	0	0	0	3	0	0	0	0	0
Year	5.6	NW.	35	SW.	0	73	83	48	39	31	88	102	244	22	262	58	45	39	30	0	3	33	0	1	0	3	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

SANDUSKY, OHIO.

[λ=41° 25′ N.; φ=82° 40′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.333	30.00	28.78	26.2	29.0	34.6	20.7	27.6	55	3	21	23	79	76	.120	.128	1.12	.38	7.7	7.7	8.1
February	29.328	29.76	28.83	15.0	21.3	25.5	12.2	18.9	37	2	12	15	84	76	.074	.087	.91	.49	6.6	6.4	7.4
March	29.171	29.49	28.67	33.3	36.7	45.0	28.7	36.8	71	2	27	29	77	74	.156	.170	2.07	.47	7.4	6.9	7.9
April	29.367	29.83	28.73	43.0	46.3	51.8	39.6	45.7	82	32	36	38	75	74	.211	.237	1.84	.64	6.1	6.5	6.2
May	29.190	29.57	28.95	54.7	57.0	64.2	49.6	56.9	84	37	48	49	79	76	.341	.354	3.19	.90	5.5	7.0	6.1
June	29.292	29.53	29.04	67.0	70.5	76.8	60.9	68.8	95	42	59	61	76	73	.524	.553	3.81	1.37	3.9	5.8	5.8
July	29.296	29.51	29.04	74.8	79.7	86.5	70.3	78.4	98	59	66	68	74	68	.637	.689	1.48	.62	4.0	4.4	3.7
August	29.329	29.52	29.07	70.1	74.0	80.1	66.4	73.2	95	60	62	64	76	73	.566	.607	3.93	1.46	5.9	4.9	6.0
September	29.381	29.64	28.93	60.8	66.9	73.7	57.9	65.8	88	44	54	56	79	68	.437	.462	1.01	.29	4.7	4.0	4.2
October	29.444	29.79	28.76	48.8	56.2	63.6	46.1	54.8	78	32	40	44	74	65	.260	.299	1.10	.33	4.7	3.5	4.5
November	29.419	29.84	29.05	35.3	38.6	43.3	32.4	38.1	70	21	28	30	75	71	.157	.172	1.79	.98	7.7	6.4	6.8
December	29.352	29.72	28.88	24.2	28.0	32.8	20.4	26.6	65	− 7	21	22	86	76	.128	.131	3.25	1.44	7.4	5.8	7.0
Year	29.325	30.00	28.67	46.1	50.4	56.5	42.1	49.3	98	− 7	40	42	78	72	.301	.324	26.50	1.46	6.0	5.8	6.1

SAN FRANCISCO, CAL.

[λ=37° 48′ N.; φ=122° 26′ W.]

January	29.947	30.20	29.54	48.0	52.8	54.6	45.0	49.8	62	37	43	43	84	70	.283	.278	5.79	1.75	5.0	5.5	5.3
February	29.902	30.21	29.44	49.5	55.9	57.9	46.6	52.2	75	38	45	46	86	71	.310	.325	5.03	1.95	5.1	5.6	5.4
March	29.968	30.23	29.71	51.6	59.0	62.7	48.9	55.8	78	44	45	44	81	62	.308	.297	.80	.67	2.2	3.3	2.9
April	29.921	30.13	29.67	47.6	53.8	58.1	45.6	51.8	72	41	44	45	89	74	.293	.304	1.64	.88	4.1	3.2	3.3
May	29.849	30.02	29.61	50.2	56.7	59.6	48.2	53.9	81	46	48	48	92	76	.332	.342	.69	.46	6.0	3.9	4.5
June	29.795	29.92	29.45	51.0	58.9	64.2	49.2	56.7	82	47	48	48	88	69	.330	.343	T.	T.	3.1	2.4	2.3
July	29.758	29.88	29.56	51.1	58.1	62.0	49.3	55.6	75	47	50	53	96	85	.356	.406	T.	T.	5.3	2.2	2.9
August	29.809	29.95	29.68	53.7	57.9	61.1	51.7	56.4	72	49	53	54	97	88	.400	.421	T.	T.	5.0	3.2	5.2
September	29.768	29.93	29.53	54.8	59.7	64.2	52.8	58.5	78	50	52	52	90	77	.385	.392	.78	.67	3.6	2.9	3.8
October	29.876	30.06	29.59	56.8	63.0	69.0	54.5	61.8	91	50	53	52	88	72	.402	.398	.64	.49	3.8	3.0	4.2
November	29.956	30.12	29.67	54.2	58.8	62.2	52.3	57.2	75	49	51	52	91	86	.378	.391	3.48	1.59	5.7	5.1	7.4
December	30.041	30.28	29.81	48.9	55.8	58.6	47.2	52.9	72	41	42	46	80	70	.278	.319	.90	.34	1.6	3.1	2.9
Year	29.882	30.28	29.44	51.4	57.5	61.2	49.3	55.2	91	37	48	49	88	74	.338	.351	19.75	1.95	4.2	3.6	4.2

SAN JUAN, PORTO RICO.

[λ=18° 29′ N.; φ=66° 07′ W.]

January	29.911	30.11	29.77	74.7	75.6	81.6	69.9	75.8	84	67	67	67	76	76	.655	.669	4.36	1.38	3.3	3.8	3.3
February	29.924	30.06	29.82	75.9	76.4	83.3	70.7	77.0	89	67	66	68	72	74	.646	.676	.50	.42	1.6	2.2	2.5
March	29.934	30.05	29.84	77.0	76.1	82.7	70.9	76.8	87	67	68	68	74	77	.685	.692	4.60	2.08	3.9	2.9	3.6
April	29.864	29.99	29.81	79.2	78.4	84.8	72.5	78.6	90	70	69	70	71	76	.702	.732	1.11	.61	3.0	4.3	2.8
May	29.848	29.96	29.79	81.3	78.6	86.3	74.0	80.2	93	70	72	73	74	82	.787	.802	4.84	1.49	3.6	4.3	4.9
June	29.906	29.99	29.86	81.6	78.6	85.7	74.6	80.2	90	70	73	73	76	82	.813	.799	7.05	.96	5.0	4.4	6.6
July	29.878	30.00	29.52	79.6	79.2	85.0	74.6	79.8	89	70	74	74	82	84	.832	.831	10.98	4.05	5.6	4.5	6.2
August	29.882	29.97	29.79	81.1	80.1	86.9	75.4	81.2	91	70	74	74	79	82	.835	.836	8.59	3.10	4.1	3.5	5.2
September	29.836	29.93	29.49	81.1	80.0	87.2	75.4	81.3	92	71	74	74	80	82	.844	.835	7.39	2.47	4.4	6.0	6.3
October	29.767	29.90	29.55	80.1	78.0	86.3	74.5	80.4	88	71	73	74	80	86	.822	.823	8.30	1.66	4.1	5.4	6.6
November	29.828	29.96	29.57	78.2	77.4	84.0	72.7	78.4	89	70	72	72	82	85	.786	.795	9.56	2.85	5.0	5.3	6.5
December	29.878	29.98	29.80	76.3	76.3	82.4	71.5	77.0	86	68	70	70	82	81	.737	.735	8.43	2.02	4.3	3.7	4.5
Year	29.871	30.11	29.49	78.8	77.9	84.7	73.1	78.9	93	67	71	71	77	81	.762	.769	75.70	4.05	4.0	4.2	4.9

SAN LUIS OBISPO, CAL.

[λ=35° 18′ N.; φ=120° 39′ W.]

January	29.890	30.12	29.62	46.4	56.9	62.2	42.1	52.2	72	22	40	44	79	64	.256	.302	11.21	5.04	2.9	4.6	4.6
February	29.840	30.15	29.46	49.6	60.2	65.3	46.0	55.6	84	26	43	48	79	66	.285	.346	5.89	2.38	3.2	5.1	4.7
March	29.886	30.07	29.66	47.8	62.2	69.4	44.6	57.0	90	32	40	47	76	59	.256	.328	.58	.58	1.3	2.9	3.6
April	29.853	30.04	29.67	47.3	58.8	66.9	43.9	55.4	84	35	40	45	78	61	.254	.302	2.83	2.58	4.0	2.5	3.9
May	29.784	29.91	29.61	50.2	60.1	67.8	48.0	57.9	76	41	46	49	86	68	.310	.351	.69	.50	6.5	3.2	5.1
June	29.735	29.87	29.46	49.8	67.9	75.3	46.7	61.0	105	39	45	49	86	53	.299	.346	T.	T.	2.4	0.9	2.6
July	29.695	29.82	29.55	52.9	71.7	79.0	50.5	64.8	90	44	48	52	86	51	.342	.385	T.	T.	3.9	0.5	2.2
August	29.757	29.86	29.63	56.4	69.8	77.8	54.2	66.0	92	46	52	54	87	58	.394	.424	.18	.18	7.4	1.0	3.3
September	29.711	29.89	29.54	54.9	66.8	75.5	50.3	62.9	94	43	48	51	81	59	.341	.379	.10	.10	4.9	1.2	2.8
October	29.811	29.99	29.64	53.2	67.5	76.9	50.1	63.5	97	44	48	51	83	60	.334	.382	2.56	1.46	2.0	2.4	2.0
November	29.901	30.01	29.68	51.6	61.9	69.6	47.6	58.6	87	40	46	51	84	69	.318	.372	1.58	1.02	2.3	4.0	4.5
December	29.939	30.23	29.74	44.1	60.7	69.3	40.0	54.6	79	25	35	37	72	46	.212	.236	.12	.12	0.7	2.2	2.3
Year	29.817	30.23	29.46	50.4	63.7	71.2	47.0	59.1	105	22	44	48	81	60	.300	.346	25.76	5.04	3.5	2.5	3.5

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

SANDUSKY, OHIO.

[H=629 ft.; h_t=62 ft.; h_r=55 ft.; h_a=70 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorm.	Aurora.
	Miles.		*Mi.*																								
January	10.0	SW.	44	NW.	1	4	2	3	2	7	21	9	14	0	5	3	23	16	8	13	0	0	16	0	27	0	0
February	9.6	W.	33	NW.	0	1	1	6	2	1	15	21	9	0	4	7	17	10	4	10	0	0	22	0	28	0	0
March	10.3	SW.	37	NW.	0	3	5	8	4	7	17	6	11	1	5	4	22	16	11	7	0	0	2	0	21	1	0
April	9.4	NE.	39	N.	0	15	11	15	4	2	2	2	9	0	9	4	17	14	8	0	0	0	0	0	1	0	0
May	8.2	NE.	40	W.	1	4	17	14	7	3	8	7	2	0	5	16	10	16	12	0	0	0	0	0	0	4	0
June	6.7	SW.	26	SW.	0	3	0	17	3	10	9	13	5	0	7	13	10	12	10	0	1	0	0	1	0	9	0
July	7.3	SW.	41	NW.	1	3	8	9	6	1	24	5	6	0	15	14	2	8	6	0	0	0	0	12	0	10	0
August	6.9	NE.	24	NW.	0	8	10	16	6	7	11	1	2	1	6	13	12	7	6	0	0	0	0	1	0	7	0
September	7.2	W.	30	NW.	0	4	6	9	5	13	8	7	8	0	11	11	8	11	6	0	1	0	0	0	0	1	0
October	8.3	SW.	33	NW.	0	2	7	2	4	13	22	7	5	0	14	9	8	8	5	0	1	0	0	0	0	3	0
November	10.2	NW.	40	NW.	1	4	1	2	3	5	12	18	15	0	6	9	15	12	6	3	0	0	3	0	15	0	0
December	7.9	SW.	30	NW.	0	4	2	1	8	6	20	14	7	0	6	8	17	7	7	4	0	1	10	0	23	0	0
Year	8.5	SW.	44	NW.	4	55	70	102	54	75	169	110	93	2	93	111	161	137	89	37	3	1	53	14	115	35	0

SAN FRANCISCO, CAL.

[H=155 ft.; h_t=161 ft.; h_r=154 ft.; h_a=167 ft.]

January	7.5	N.	57	SE.	1	13	7	1	10	3	4	13	11	0	11	8	12	11	11	0	0	2	0	0	0	0	0
February	6.6	W.	35	SE.	0	8	2	1	10	6	6	15	6	2	8	13	7	12	11	0	2	2	0	0	0	0	0
March	10.1	W.	37	SW.	0	9	3	0	0	0	7	36	6	1	20	7	4	3	3	0	1	0	0	0	0	0	0
April	11.8	W.	37	W.	0	4	0	0	2	5	16	30	3	0	20	6	4	5	5	0	0	0	0	0	0	1	0
May	12.5	W.	34	W.	0	0	1	1	2	1	14	42	1	0	10	18	3	4	3	0	0	0	0	0	0	0	0
June	13.9	W.	39	W.	0	0	0	0	0	1	19	40	0	0	23	4	3	0	0	0	0	0	0	0	0	0	0
July	14.5	SW.	39	W.	0	0	0	0	0	2	34	25	0	1	18	11	2	0	0	0	0	0	0	0	0	0	0
August	13.1	SW.	36	SW.	0	0	0	0	0	0	35	27	0	0	10	11	10	0	0	0	0	5	0	0	0	0	0
September	11.0	SW.	36	SW.	0	1	0	0	1	2	25	30	0	1	16	6	8	3	2	0	0	3	0	0	0	0	0
October	8.3	W.	30	W.	0	6	1	3	1	4	11	32	3	1	15	10	6	5	4	0	0	3	0	1	0	0	0
November	6.4	SE.	29	SE.	0	5	0	2	15	4	14	15	5	0	2	11	17	10	9	0	0	5	0	0	0	0	0
December	6.6	N.	29	SW.	0	27	1	3	4	1	6	15	5	0	21	4	6	5	5	0	0	2	0	0	0	0	0
Year	10.2	W.	57	SE.	1	73	15	11	45	29	191	320	40	6	174	109	82	58	53	0	3	22	0	1	0	1	0

SAN JUAN, PORTO RICO.

[H=82 ft.; h_t=48 ft.; h_r=40 ft.; h_a=90 ft.]

January	10.5	E.	34	E.	0	1	8	20	16	9	5	0	3	0	17	12	2	14	13	0	0	0	0	0	0	0	0
February	8.6	SE.	30	SE.	0	1	10	7	22	13	1	1	1	0	21	7	0	5	2	0	0	0	0	0	0	0	0
March	11.7	E.	36	E.	0	1	9	23	23	4	2	0	0	0	18	12	1	19	13	0	0	0	0	0	0	0	0
April	9.1	SE.	28	SE.	0	3	6	15	24	8	0	0	3	0	20	10	0	9	6	0	0	0	0	0	0	1	0
May	8.6	SE.	32	NE.	0	1	2	22	25	9	3	0	0	0	8	20	3	18	13	0	0	0	0	3	0	11	0
June	11.6	E.	30	SE.	0	0	2	37	18	2	1	0	0	0	4	10	16	21	19	0	0	0	0	1	0	13	0
July	12.9	E.	52	NE.	2	0	3	44	13	2	0	0	0	0	5	13	13	22	17	0	0	0	0	0	0	7	0
August	11.0	E.	34	E.	0	0	4	37	14	7	0	0	0	0	10	11	10	21	16	0	0	0	0	1	0	8	0
September	9.9	SE.	52	SE.	1	2	6	13	23	11	5	0	0	0	7	9	14	19	13	0	0	0	0	3	0	7	0
October	6.0	S.	37	SE.	0	0	2	5	15	20	14	5	1	0	5	11	15	21	18	0	0	0	0	0	0	11	0
November	8.6	E.	38	E.	0	0	0	9	14	15	9	10	3	0	0	8	5	17	17	13	0	0	0	0	0	2	0
December	11.2	E.	36	E.	0	0	0	7	24	23	5	2	1	0	0	11	15	5	21	18	0	0	0	0	0	1	0
Year	10.0	E.	52	SE.	3	9	68	262	231	99	43	10	8	0	134	135	96	207	161	0	0	0	0	8	0	61	0

SAN LUIS OBISPO, CAL.

[H=201 ft.; h_t=10 ft.; h_r=3 ft.; h_a=46 ft.]

January	6.1	N.	25	N.	0	26	0	1	2	17	0	7	7	2	14	10	7	9	7	0	0	1	0	0	2	0	0
February	5.2	N.	22	S.	0	20	0	0	0	11	1	12	6	6	12	8	3	9	8	0	0	0	0	0	1	0	0
March	6.0	N.	24	W.	0	29	0	2	2	5	0	17	2	5	19	7	5	1	1	0	0	4	0	0	0	0	0
April	6.0	W.	22	W.	0	19	0	1	0	8	1	27	4	0	17	8	5	4	4	0	0	1	0	0	0	0	0
May	6.1	W.	25	W.	0	15	0	0	2	5	2	32	6	0	10	12	9	4	3	0	0	3	0	0	0	0	0
June	5.0	W.	18	W.	0	13	1	0	0	13	0	28	2	3	21	7	2	0	0	0	0	8	0	0	2	0	0
July	4.3	W.	16	W.	0	12	0	4	0	12	1	27	5	1	26	3	2	0	0	0	0	2	0	0	2	0	0
August	4.2	W.	18	N.	0	3	0	1	0	9	0	47	1	1	22	8	1	1	1	0	0	1	0	0	1	0	0
September	4.8	W.	21	N.	0	16	0	0	2	15	0	26	0	1	22	5	3	1	1	0	0	2	0	0	1	0	0
October	4.4	N.	22	W.	0	25	0	2	1	13	1	13	4	3	21	8	2	4	3	0	0	6	0	0	3	0	0
November	4.0	N.	16	S.	0	31	1	1	0	11	0	9	5	2	13	9	8	5	4	0	0	7	0	0	0	0	0
December	4.8	N.	25	N.	0	45	0	2	0	3	0	5	5	2	22	7	2	1	1	0	0	1	0	0	7	0	0
Year	5.1	N.	25	N.	0	264	2	14	9	122	6	260	47	26	219	92	54	39	33	0	0	36	0	9	10	0	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

SANTA FE, N. MEX.

[λ=35° 41′ N.; φ=105° 57′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	23.260	23.48	22.98	24.7	32.5	40.5	21.5	31.0	51	1	15	18	65	54	.092	.102	1.30	.72	2.5	3.1	3.0
February	23.176	23.47	22.73	28.0	37.5	43.4	25.1	34.2	58	9	21	24	73	58	.114	.128	1.30	.39	3.4	3.9	4.0
March	23.142	23.50	22.76	28.6	43.0	48.6	27.2	37.9	65	16	17	18	60	38	.094	.097	.89	.50	1.9	3.8	3.1
April	23.201	23.42	22.90	37.3	53.2	57.8	35.4	46.6	70	17	22	24	55	34	.120	.138	1.02	.38	2.8	3.4	3.3
May	23.216	23.51	22.92	49.0	61.1	66.8	44.6	55.7	79	32	36	36	64	44	.219	.217	2.12	.52	3.5	4.7	4.1
June	23.263	23.44	23.05	57.8	73.8	77.9	53.5	65.7	89	38	35	31	45	23	.208	.182	.29	.10	1.2	3.5	2.9
July	23.370	23.54	23.23	61.8	72.9	80.5	59.3	69.9	87	53	46	46	60	42	.327	.320	3.37	1.28	2.2	5.8	4.3
August	23.416	23.56	23.26	59.5	73.5	79.5	58.1	68.8	85	51	49	48	70	41	.349	.336	3.04	1.61	2.8	5.4	3.5
September	23.308	23.46	23.10	51.9	66.1	72.2	50.2	61.2	81	38	38	37	61	37	.241	.227	2.00	1.08	3.3	2.1	2.1
October	23.364	23.59	23.16	43.3	55.3	62.6	41.9	52.2	74	32	31	33	63	45	.176	.191	1.15	1.04	2.3	2.6	2.5
November	23.354	23.60	23.18	35.0	43.2	52.8	32.8	42.8	62	24	24	28	64	57	.131	.155	.73	.52	2.9	1.8	2.5
December	23.223	23.58	22.82	26.0	34.1	43.5	22.2	32.8	57	5	13	19	55	52	.077	.105	.20	.08	2.0	1.3	2.0
Year	23.274	23.60	22.73	41.9	53.8	60.5	39.3	49.9	89	1	29	30	61	44	.179	.183	17.41	1.61	2.6	3.4	3.1

SANTIAGO DE CUBA, WEST INDIES.

[λ=19° 55′ N.; φ=75° 50′ W.]

January	29.899	30.17	29.76	69.5	73.6	84.9	65.8	75.4	89	57	63	64	80	73	.576	.605	3.46	2.84	2.3	2.6	3.5
February	29.896	30.00	29.74	71.2	75.5	86.0	67.1	76.6	89	63	65	67	80	75	.614	.664	.85	.66	2.2	2.0	3.4
March	29.910	30.10	29.80	73.3	76.1	86.2	68.4	77.3	92	58	65	67	76	74	.624	.670	1.66	1.03	2.9	2.6	4.2
April	29.849	30.00	29.76	75.3	77.6	88.1	69.5	78.8	93	64	64	66	70	69	.611	.650	.27	.24	3.3	2.8	3.6
May	29.815	29.90	29.72	79.1	78.1	88.4	71.3	79.8	91	65	69	70	72	75	.716	.725	5.19	3.49	2.7	4.9	4.3
June	29.847	29.93	29.81	80.9	80.3	89.5	74.0	81.8	92	71	72	73	74	80	.778	.821	6.72	3.00	5.1	4.7	5.7
July	29.832	29.95	29.72	80.0	79.4	89.9	73.3	81.6	93	70	72	73	76	82	.782	.816	9.82	7.08	3.9	3.9	4.8
August	29.842	29.92	29.77	79.7	80.3	91.2	73.9	82.6	94	72	72	73	76	80	.771	.815	2.71	.83	2.9	2.7	4.8
September	29.807	29.92	29.61	79.1	78.6	88.0	73.0	80.5	94	68	73	73	81	84	.804	.823	11.10	8.28	4.7	3.5	5.9
October	29.768	29.91	29.65	77.4	76.8	86.8	71.9	79.4	90	69	72	72	85	86	.793	.793	12.78	4.94	3.4	3.3	5.7
November	29.859	30.00	29.69	75.5	73.5	83.2	68.6	75.9	87	61	67	67	81	81	.670	.668	.49	.30	4.0	3.0	5.1
December	29.876	30.02	29.76	72.1	73.2	82.8	67.9	75.4	87	64	67	67	84	82	.657	.673	2.54	2.14	4.2	2.6	5.1
Year	29.850	30.17	29.61	75.9	76.9	87.1	70.4	78.8	94	57	68	69	78	78	.700	.727	57.59	8.28	3.5	3.2	4.7

SANTO DOMINGO, SANTO DOMINGO, WEST INDIES.

[λ=18° 28′ N.; φ=69° 53′ W.]

January	29.946	30.13	29.80	71.2	74.2	83.0	67.2	75.1	86	64	67	68	86	82	.660	.692	1.54	.75	3.2	1.6	3.5
February	29.953	30.07	29.83	73.0	76.0	82.5	67.1	74.8	88	60	67	68	82	78	.674	.699	.77	.55	1.6	2.1	2.1
March	29.966	30.13	29.86	74.1	75.8	82.2	68.1	75.2	87	61	68	68	81	78	.679	.689	2.27	.42	3.2	4.5	4.2
April																					
May																					
June																					
July	29.902	30.02	29.78	79.5	76.1	86.1	72.5	79.3	90	70	75	74	87	92	.872	.829	14 11	4.78	4.1	4.9	6.3
August	29.906	30.00	29.80	80.2	77.4	87.0	72.8	79.9	91	70	74	74	84	90	.849	.846	8.23	1.29	2.4	3.4	4.9
September	29.858	29.95	29.63	79.4	77.7	86.3	73.0	79.6	91	69	74	74	85	89	.850	.846	11.20	5.09	4.1	4.1	5.5
October	29.789	29.94	29.63	78.9	77.8	86.4	72.1	79.2	90	70	74	74	84	89	.826	.844	4.08	1.34	2.4	3.2	4.6
November	29.861	30.00	29.60	75.7	75.5	84.5	70.6	77.6	88	67	70	72	84	88	.744	.775	3.66	1.67	4.9	4.5	5.2
December	29.903	30.00	29.83	74.3	74.0	83.7	69.3	76.5	87	66	70	70	85	88	.724	.739	2.71	.80	2.6	1.4	4.6
Year																					

SAULT STE. MARIE, MICH.

[λ=46° 30′ N.; φ=84° 21′ W.]

January	29.244	29.92	28.34	14.1	18.1	23.8	8.4	16.1	36	−16	11	15	86	86	.076	.088	1.40	.34	7.7	7.5	7.5
February	29.274	29.78	28.84	4.5	14.1	20.0	1.8	10.9	33	−12	1	10	87	82	.044	.066	.22	.13	7.6	4.5	6.0
March	29.163	29.60	28.46	17.5	24.5	30.4	12.5	21.4	44	−18	14	17	84	72	.089	.100	2.11	.52	7.2	6.1	6.4
April	29.464	29.87	29.06	38.4	45.2	53.1	32.4	42.8	75	22	33	32	79	60	.187	.193	.82	.41	5.9	5.7	4.7
May	29.245	29.74	28.87	49.4	53.8	62.0	41.8	51.9	78	31	41	43	74	67	.269	.284	1.55	.48	6.2	6.2	5.6
June	29.252	29.53	28.88	57.8	64.0	71.0	50.4	60.7	93	37	50	53	78	69	.383	.421	3.37	.82	5.8	5.9	5.0
July	29.271	29.56	28.94	63.6	67.1	75.7	56.7	66.2	92	47	57	58	80	74	.472	.490	4.95	2.55	4.5	6.3	4.9
August	29.341	29.54	29.10	60.7	65.5	72.9	55.3	64.1	84	47	56	57	85	74	.461	.472	3.01	1.18	4.7	4.4	4.3
September	29.341	29.84	28.60	52.8	57.3	65.8	48.2	57.0	85	35	48	48	85	72	.349	.355	2.31	.95	6.4	5.6	5.9
October	29.332	29.76	28.57	42.6	45.4	52.8	37.9	45.4	74	26	39	38	88	76	.252	.236	5.39	1.60	7.4	5.7	7.2
November	29.350	29.82	28.75	28.0	31.7	36.9	24.8	30.8	50	7	24	26	85	80	.140	.148	1.33	.32	8.4	7.2	8.5
December	29.282	29.69	28.61	17.8	20.9	25.6	14.0	19.8	39	− 4	15	18	87	86	.093	.103	.92	.30	7.9	6.5	8.0
Year	29.297	29.92	28.34	37.3	42.3	49.2	32.0	40.6	93	−18	32	35	83	75	.235	.246	27.38	2.55	6.6	6.0	6.2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

SANTA FE, N. MEX.

[H = 7,013 ft.; h_t = 47 ft.; h_r = 39 ft.; h_a = 50 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	6.4	N.	26	NW.	0	15	14	6	10	4	3	2	8	0	19	8	4	6	4	4	0	1	5	0	28	0	0
February	6.0	NW.	27	NW.	0	13	7	5	9	9	3	0	10	0	14	10	4	11	6	9	0	0	3	0	22	0	0
March	8.7	NW.	35	NW.	0	9	6	8	8	5	5	6	15	0	19	9	3	5	3	5	0	0	1	0	24	0	0
April	8.5	SE.	43	SE.	1	6	5	10	13	11	6	2	7	0	19	10	1	6	4	4	0	1	0	0	11	4	0
May	7.9	SE.	29	S.	0	5	12	11	7	7	8	2	9	1	14	13	4	19	13	2	3	0	0	0	0	14	0
June	7.5	SW.	33	S.	0	4	5	11	13	5	11	4	4	3	21	8	1	7	3	0	0	0	0	0	0	7	0
July	6.1	SE.	29	NE.	0	6	8	18	17	9	0	1	2	1	10	19	2	15	10	0	1	0	0	0	0	25	0
August	6.0	NE.	28	NW.	0	5	20	10	10	9	4	1	3	0	14	16	1	12	10	0	0	0	0	0	0	19	0
September	6.5	SE.	27	N.	0	4	3	10	17	9	5	7	4	1	23	5	2	10	6	0	0	0	0	0	0	7	0
October	5.8	SE.	27	SE.	0	4	14	8	19	6	5	2	3	1	23	6	2	6	3	0	0	0	0	0	1	3	0
November	5.2	NE.	25	S.	0	10	11	8	16	4	3	0	6	2	23	6	1	4	3	2	0	0	0	0	17	0	0
December	7.1	NW.	34	NW.	0	11	13	4	16	6	2	2	8	0	26	4	1	4	3	2	0	0	4	0	27	0	0
Year	6.8	SE.	43	SE.	1	92	118	109	155	84	55	29	79	9	225	114	26	105	68	28	4	2	13	0	130	79	0

SANTIAGO DE CUBA, WEST INDIES.

[H=82 ft.; H_1=172 ft.; h_t=46 ft.; h_r=39 ft.; h_a=52 ft.]

January	4.3	NE.	20	NE.	0	16	25	3	11	4	0	1	0	2	18	8	5	4	4	0	0	0	0	0	0	1	0
February	3.6	SE.	13	NE.	0	5	17	1	13	14	3	1	0	2	18	8	2	3	2	0	0	0	0	0	0	0	0
March	4.7	NE.	18	NE.	0	10	18	2	9	11	6	0	4	2	15	12	4	5	4	0	0	0	0	1	0	0	0
April	5.0	N.	14	N.	0	16	16	2	7	12	2	0	5	0	16	10	4	4	1	0	0	0	0	2	0	0	0
May	3.8	S.	20	NE.	0	16	16	1	10	10	7	0	2	0	14	15	2	10	8	0	0	0	0	4	0	1	0
June	3.3	S.	15	SW.	0	6	18	4	11	7	9	2	2	1	9	12	9	12	9	0	0	0	0	17	0	2	0
July	3.5	NE.	29	SE.	0	6	33	6	6	7	2	0	1	1	11	17	3	15	10	0	0	0	0	15	0	4	0
August	3.4	NE.	17	NE.	0	11	31	4	5	6	5	0	0	0	9	19	3	13	10	0	0	0	0	26	0	2	0
September	4.6	N.	54	SE.	1	15	16	3	11	7	3	1	4	0	5	17	8	13	12	0	0	0	0	10	0	0	0
October	6.2	N.	36	NE.	0	32	12	1	11	2	0	0	4	0	5	20	6	18	16	0	0	0	0	0	0	4	0
November	8.4	N.	22	NE.	0	43	4	1	1	0	0	1	10	0	9	14	7	5	3	0	0	0	0	0	0	0	0
December	7.5	N.	31	NW.	0	30	8	3	3	1	1	1	11	4	12	12	7	7	6	0	0	0	0	0	0	0	0
Year	4.9	N.	54	SE.	1	206	214	31	98	81	38	7	43	12	141	164	60	109	85	0	0	0	0	75	0	14	0

SANTO DOMINGO, SANTO DOMINGO, WEST INDIES.

[H=57 ft.; h_t=37 ft.; h_r=30 ft.; h_a=44 ft.]

January	5.9	N.	16	N.	0	44	5	2	2	2	1	0	3	3	17	13	1	8	5	0	0	0	0	0	0	0	0
February	4.9	N.	18	N.	0	29	5	3	5	4	4	0	2	4	24	2	2	5	3	0	0	0	0	0	0	0	0
March	6.0	N.	18	N.	0	34	7	4	9	5	0	0	3	0	14	11	6	14	10	0	0	0	0	0	0	0	0
April																											
May																											
June																											
July	5.8	N.	28	E.	0	40	11	3	3	1	1	0	3	0	4	18	9	24	19	0	0	0	0	1	0	20	0
August	5.7	N.	34	E.	0	41	14	0	4	1	0	0	1	1	8	18	5	23	20	0	0	0	0	3	0	11	0
September	5.5	N.	47	SE.	1	38	5	1	4	8	0	0	2	2	7	15	8	16	14	0	0	0	0	2	0	10	0
October	5.2	N.	17	SW.	0	40	5	2	2	6	2	1	2	2	15	13	3	13	10	0	0	0	0	0	0	6	0
November	5.6	N.	24	N.	0	42	12	0	1	0	2	0	3	0	5	17	8	15	9	0	0	0	0	0	0	0	0
December	5.9	N.	17	N.	0	46	9	1	5	0	0	0	1	0	10	18	3	15	10	0	0	0	0	0	0	5	0
Year																											

SAULT STE. MARIE, MICH.

[H=614 ft.; h_t=40 ft.; h_r=35 ft.; h_a=61 ft.]

January	9.1	SE.	47	W.	1	4	4	14	8	3	8	8	13	0	3	10	18	14	9	14	0	3	24	0	31	0	0
February	7.5	W.	35	NW.	0	2	1	9	10	2	4	16	12	0	7	11	10	7	1	7	0	7	27	0	28	0	0
March	11.5	E.	54	W.	1	2	9	12	8	2	5	11	13	0	8	8	15	13	9	11	0	2	14	0	29	0	0
April	7.9	W.	39	NE.	0	4	6	3	13	0	3	18	13	0	13	8	9	5	2	1	0	0	0	0	13	0	0
May	8.5	NW.	30	NW.	0	5	11	10	8	1	4	9	14	0	8	13	10	10	8	0	0	1	0	0	1	3	0
June	6.8	E.	28	NW.	0	2	2	15	14	2	5	11	9	0	10	14	6	11	9	0	0	7	0	2	0	7	0
July	7.0	E.	30	NW.	0	3	2	19	10	2	6	13	7	0	12	11	8	12	8	0	0	0	0	2	0	6	0
August	5.8	E.	29	NW.	0	2	4	16	10	2	2	11	11	4	16	9	6	8	7	0	0	3	0	0	0	4	0
September	7.3	E.	45	SW.	1	8	5	10	11	2	7	8	8	1	8	11	11	9	7	0	0	2	0	0	0	3	0
October	9.1	NW.	42	NW.	2	6	3	9	15	2	6	6	15	0	5	7	19	18	17	3	0	1	0	0	7	2	0
November	10.4	NW.	36	NW.	0	5	4	4	17	1	8	5	16	0	3	4	23	12	9	9	0	0	5	0	26	1	0
December	7.8	SE.	54	NW.	1	5	12	11	15	5	7	0	7	0	5	3	23	13	10	13	0	2	21	0	31	0	0
Year	8.2	E.	54	NW.	6	48	63	132	139	24	65	116	138	5	98	109	158	132	96	58	0	28	91	4	166	26	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

SAVANNAH, GA.

[λ=32° 05′ N.; φ=81° 05′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	30.034	30.61	29.53	45.2	52.0	59.9	42.7	51.3	74	32	39	43	79	73	.250	.292	3.62	1.41	5.1	3.2	4.6
February	29.985	30.29	29.63	43.1	50.6	57.6	40.5	49.0	75	26	34	38	72	65	.221	.244	4.21	1.17	4.6	4.0	4.4
March	29.963	30.44	29.53	52.0	58.3	66.8	49.1	58.0	81	28	43	46	73	67	.313	.338	2.34	1.11	4.4	3.1	4.3
April	29.905	30.34	29.53	56.1	61.5	69.3	52.0	60.6	78	44	45	48	67	64	.316	.350	1.91	1.12	3.0	4.2	3.9
May	29.787	30.01	29.54	69.5	73.5	83.0	65.0	74.0	94	55	62	64	79	75	.573	.610	2.71	1.48	3.8	5.3	4.5
June	29.942	30.12	29.78	75.6	77.6	86.4	71.0	78.7	97	64	70	72	84	82	.741	.778	6.78	3.07	4.4	5.3	4.7
July	29.944	30.11	29.74	78.3	80.0	88.7	74.0	81.4	96	70	73	73	84	80	.808	.815	3.69	1.77	4.9	6.0	5.1
August	29.946	30.04	29.84	77.5	77.7	86.3	73.2	79.8	89	66	74	73	88	86	.830	.810	6.44	1.63	4.1	5.6	5.2
September	29.946	30.08	29.64	72.6	76.0	84.2	69.5	76.8	94	59	68	69	84	80	.687	.722	2.13	.98	4.0	3.2	4.6
October	30.063	30.30	29.62	59.8	67.0	75.3	58.2	66.8	86	50	52	57	77	72	.417	.486	.98	.48	3.2	2.0	2.8
November	30.066	30.35	29.67	47.2	54.8	63.4	45.2	54.3	81	31	38	42	72	63	.255	.288	1.01	.62	3.3	2.9	2.9
December	30.031	30.38	29.49	43.4	49.7	57.9	41.0	49.4	73	18	37	41	79	73	.257	.289	1.02	.30	5.5	3.9	4.6
Year	29.968	30.61	29.49	60.0	64.9	73.2	56.8	65.0	97	18	53	56	78	73	.472	.502	36.84	3.07	4.2	4.1	4.3

SCRANTON, PA.

[λ=41° 24′ N.; φ=75° 42′ W.]

January	29.115	29.78	28.32	24.7	27.9	34.8	20.5	27.6	50	— 1	22	24	91	84	.124	.130	1.17	.41	7.4	6.5	6.9
February	29.030	29.42	28.70	16.6	22.0	27.0	13.8	20.4	38	2	14	18	92	86	.083	.099	1.34	.49	6.4	4.8	6.2
March	29.033	29.37	28.46	31.5	36.9	44.1	27.0	35.6	59	4	27	30	82	75	.152	.169	3.23	.87	7.2	6.9	6.5
April	29.109	29.64	28.50	44.3	50.6	55.8	39.1	47.4	82	32	34	36	69	63	.203	.223	3.44	1.32	7.1	7.3	7.2
May	29.015	29.35	28.71	55.2	60.6	67.2	49.5	58.4	86	38	46	47	72	65	.316	.338	5.58	1.08	6.8	7.0	6.9
June	29.130	29.35	28.92	66.2	72.4	80.3	57.5	68.9	94	46	55	57	69	60	.456	.482	1.82	1.16	4.3	5.0	5.0
July	29.111	29.39	28.92	72.6	78.7	86.0	65.9	76.0	98	54	65	64	77	63	.620	.612	4.12	2.41	6.1	6.0	5.9
August	29.190	29.38	29.00	68.1	72.5	80.1	62.4	71.2	90	50	61	63	79	74	.549	.587	6.88	1.89	6.8	6.0	6.9
September	29.224	29.63	28.78	58.4	65.0	73.5	53.0	63.2	85	38	52	54	81	70	.413	.442	2.35	.97	4.9	2.2	4.5
October	29.285	29.75	28.81	45.2	53.6	62.4	41.4	51.9	78	30	38	40	77	62	.244	.264	1.11	.63	3.9	2.7	5.0
November	29.144	29.58	28.58	31.6	35.8	40.8	28.5	34.6	62	16	26	25	77	64	.140	.137	2.58	.99	7.3	5.9	7.2
December	29.182	29.62	28.62	25.2	29.7	35.9	21.2	28.6	65	— 5	20	22	81	72	.125	.138	5.64	2.06	6.9	5.1	7.5
Year	29.130	29.78	28.32	45.0	50.5	57.3	40.0	48.6	98	— 5	38	40	79	70	.285	.302	39.26	2.41	6.3	5.4	6.3

SEATTLE, WASH.

[λ=47° 38′ N.; φ=122° 20′ W.]

January	29.899	30.42	29.42	38.7	42.1	44.2	36.2	40.2	54	28	36	37	90	82	.214	.221	4.26	1.26	7.2	8.2	7.8
February	29.918	30.18	29.46	39.1	46.3	48.7	37.1	42.9	63	28	33	35	80	66	.202	.216	4.26	1.12	5.3	6.2	5.8
March	29.981	30.46	29.43	41.6	49.8	52.3	39.6	46.0	66	33	38	41	88	72	.230	.255	1.62	.32	6.8	7.7	7.2
April	29.958	30.35	29.37	41.9	52.6	55.6	39.9	47.8	67	34	38	37	86	59	.229	.226	3.86	1.30	6.6	6.6	5.4
May	29.915	30.32	29.67	48.3	60.7	63.2	47.6	55.4	82	39	43	44	83	57	.282	.299	1.44	.98	7.0	6.3	5.7
June	29.951	30.14	29.61	50.5	61.4	64.2	50.0	57.1	86	44	46	45	84	68	.310	.305	1.90	.77	8.1	6.8	6.1
July	29.926	30.06	29.71	53.4	68.9	70.6	52.7	61.6	78	48	48	49	82	51	.336	.354	.85	.23	5.5	4.0	4.4
August	29.917	30.07	29.68	56.3	74.0	76.0	55.4	65.7	87	50	52	53	87	50	.394	.407	.13	.13	3.7	2.2	2.9
September	29.875	30.18	29.22	51.8	63.0	65.8	50.2	58.0	86	42	48	47	87	58	.333	.328	2.30	.72	6.1	5.1	5.1
October	29.952	30.36	29.45	51.9	61.5	64.2	50.2	57.2	79	45	49	52	92	72	.354	.394	1.44	.61	5.4	5.5	5.9
November	29.895	30.28	29.52	46.9	50.9	54.0	44.3	49.2	61	38	43	45	86	81	.279	.300	6.17	1.22	8.0	7.9	8.0
December	30.093	30.49	29.16	40.6	44.4	46.5	38.4	42.4	54	28	37	39	87	82	.222	.240	2.45	.90	7.3	7.8	7.5
Year	29.940	30.49	29.16	46.8	56.3	58.8	45.1	52.0	87	28	43	44	86	66	.282	.295	30.18	1.30	6.4	6.2	6.0

SHREVEPORT, LA.

[λ=32° 30′ N.; φ=93° 40′ W.]

January	29.892	30.26	29.43	45.4	54.8	60.4	42.4	51.4	71	26	39	39	79	59	.262	.269	2.89	1.92	5.5	5.1	5.7
February	29.843	30.22	29.43	41.1	50.3	55.6	38.6	47.1	77	21	34	36	77	61	.209	.225	2.91	1.00	6.7	6.4	7.0
March	29.696	30.31	29.19	48.2	61.7	68.4	45.8	57.1	83	26	39	39	71	46	.260	.265	2.25	1.04	3.9	3.3	3.4
April	29.772	30.13	29.32	54.5	67.8	73.0	51.4	62.2	88	37	47	47	77	51	.343	.338	3.41	2.38	4.4	4.8	4.5
May	29.618	29.95	29.41	64.5	77.1	81.9	61.5	71.7	90	50	58	59	82	57	.501	.518	4.30	1.28	6.4	4.4	5.2
June	29.696	29.87	29.50	74.2	85.9	92.4	71.3	81.8	100	61	68	67	82	55	.693	.664	.60	.44	4.3	4.0	3.3
July	29.714	29.90	29.56	75.9	86.3	95.1	73.4	84.2	107	68	70	69	84	60	.746	.719	4.00	1.94	4.6	6.5	5.0
August	29.680	29.84	29.47	74.9	85.2	92.9	72.8	82.8	99	67	71	70	88	62	.757	.748	3.73	1.56	4.4	4.8	4.0
September	29.729	29.96	29.48	66.5	77.6	84.3	65.1	74.7	95	48	63	66	88	65	.586	.651	3.08	1.51	3.9	3.6	4.2
October	29.876	30.12	29.49	56.6	71.8	78.7	55.8	67.2	93	42	55	59	94	67	.433	.511	2.75	2.28	2.4	1.5	2.8
November	29.924	30.24	29.65	47.6	59.4	66.0	45.4	55.7	81	32	45	48	90	67	.314	.353	2.57	1.12	4.0	2.7	4.3
December	29.813	30.47	29.25	38.9	48.8	55.2	35.2	45.2	74	14	35	39	85	70	.228	.265	4.16	1.81	4.0	3.9	5.0
Year	29.771	30.47	29.19	57.4	68.9	75.3	54.9	65.1	107	14	52	53	83	60	.444	.460	36.65	2.38	4.5	4.2	4.5

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

SAVANNAH, GA.

[H=65 ft.; h_t=79 ft.; h_r=74 ft.; h_a=89 ft.]

Month.	Wind.														Number of days.													
	By self-registers.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.					Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	8.6	N.	28	NW.	0	14	6	4	1	1	15	10	10	1	14	9	8	9	8	0	0	0	0	0	1	0	0
February	7.6	W.	24	SW.	0	8	5	5	2	4	3	15	14	0	11	10	7	9	9	0	0	1	0	0	4	0	0
March	9.6	SW.	38	SE.	0	4	0	3	3	12	17	16	7	0	13	14	4	9	7	0	0	2	0	0	2	4	0
April	9.4	W.	36	SW.	0	9	5	4	4	8	6	13	11	0	15	7	8	6	4	0	0	0	0	0	0	1	0
May	8.0	W.	35	N.	0	2	2	1	3	15	13	20	6	0	13	15	3	12	8	0	0	2	0	2	0	8	0
June	6.7	SW.	30	E.	0	8	4	10	4	9	15	7	3	0	8	18	4	10	9	0	0	0	0	6	0	7	0
July	6.4	SW.	26	W.	0	4	1	4	4	16	25	5	3	0	11	11	9	12	10	0	0	0	0	9	0	13	0
August	6.2	S.	27	NE.	0	4	4	5	5	23	15	4	2	0	6	20	5	15	12	0	0	0	0	0	0	15	0
September	8.0	NE.	27	SW.	0	8	17	5	1	11	10	6	1	1	13	10	7	9	6	0	0	0	0	8	0	4	0
October	7.0	NE.	29	NE.	0	20	22	11	1	1	4	2	1	0	18	11	2	5	3	0	0	1	0	0	0	1	0
November	7.1	N.	31	W.	0	22	6	3	3	1	4	13	8	0	21	6	3	5	5	0	0	0	0	0	1	0	0
December	8.1	SW.	31	W.	0	10	9	10	3	6	10	8	6	0	12	9	10	10	6	0	0	1	0	0	8	0	0
Year	7.7	SW.	38	SE.	0	113	81	65	34	107	137	119	72	2	155	140	70	111	87	0	0	7	0	25	16	53	0

SCRANTON, PA.

[H=805 ft.; h_t=111 ft.; h_r=102 ft.; h_a=119 ft.]

January	8.5	NE.	34	NW.	0	11	17	4	1	2	14	1	12	0	7	7	17	13	7	9	0	1	11	0	28	0	0
February	9.4	NW.	35	NW.	0	8	2	3	1	1	16	6	18	1	6	11	11	15	7	15	0	0	18	0	28	0	0
March	9.2	SW.	36	SE.	0	9	14	3	1	2	17	5	10	1	7	11	13	14	12	5	0	0	2	0	22	1	0
April	8.9	NE.	29	NE.	0	10	21	10	5	4	3	1	6	0	7	3	20	13	10	1	0	0	0	0	0	0	0
May	7.4	NE.	30	N.	0	6	15	13	1	5	13	4	5	0	6	9	16	20	14	0	0	1	0	0	0	4	0
June	6.7	SW.	36	W.	0	3	11	2	2	5	17	8	11	1	10	14	6	8	6	0	0	0	0	5	0	5	0
July	6.6	SW.	32	NW.	0	9	8	6	3	3	26	7	0	0	7	13	11	11	9	0	0	0	0	11	0	8	0
August	5.4	NE.	30	NW.	0	6	19	8	3	7	13	4	2	0	6	9	16	15	13	0	0	0	0	0	0	6	0
September	5.6	NE.	24	SW.	0	12	15	4	4	6	11	2	5	1	15	6	9	10	9	0	0	2	0	0	0	3	0
October	6.9	SW.	33	SW.	0	9	10	2	2	7	19	4	8	1	12	9	10	7	4	0	0	1	0	0	1	0	0
November	8.8	NW.	32	NW.	0	8	13	0	1	0	13	2	23	0	6	4	20	8	6	4	0	1	2	0	19	0	0
December	7.5	NW.	37	S.	0	10	9	0	2	7	12	4	18	0	4	9	18	14	10	10	0	2	11	0	24	0	0
Year	7.6	SW.	37	S.	0	101	154	55	26	49	174	48	118	5	93	105	167	148	107	44	0	8	44	16	122	27	0

SEATTLE, WASH.

[H=123 ft.; h_t=114 ft.; h_r=107 ft.; h_a=121 ft.]

January	6.1	SE.	30	SE.	0	14	4	2	29	7	2	1	1	2	2	9	20	18	16	7	0	5	0	0	6	0	0
February	5.8	SE.	25	SW.	0	7	7	4	12	12	2	2	8	2	8	10	10	13	12	2	0	1	0	0	4	0	0
March	5.7	SE.	24	SW.	0	4	5	6	18	16	1	6	5	1	3	13	15	17	15	0	0	1	0	0	0	0	0
April	6.4	SE.	25	SE.	0	1	6	3	19	8	5	9	9	0	7	17	6	16	11	0	1	2	0	0	0	0	0
May	5.4	SE.	22	N.	0	5	4	4	21	9	7	4	8	0	7	15	9	17	5	0	0	1	0	0	0	0	0
June	5.5	SE.	21	S.	0	5	5	2	19	9	3	5	11	1	5	14	11	13	11	0	1	0	0	0	0	0	0
July	4.5	W.	21	SW.	0	6	5	2	9	8	5	11	12	4	13	13	5	4	3	0	0	0	0	0	0	0	0
August	3.5	W.	17	NW.	0	9	1	0	4	9	1	10	16	12	19	9	3	2	1	0	0	2	0	0	0	0	0
September	4.5	SE.	29	SW.	0	8	4	3	12	8	2	6	10	7	12	7	11	10	7	0	0	0	0	0	0	0	0
October	4.5	SE.	23	SE.	0	9	1	3	23	8	1	7	9	1	10	9	12	6	6	0	0	6	0	0	0	0	0
November	6.0	SE.	27	SE.	0	2	1	3	32	15	1	6	0	0	0	12	18	22	15	0	0	2	0	0	0	0	0
December	6.4	SE.	33	SE.	0	7	5	10	24	12	1	0	2	1	3	9	19	15	12	0	0	2	0	0	4	0	0
Year	5.4	SE.	33	SE.	0	77	48	42	222	121	31	67	91	31	89	137	139	153	114	9	2	22	0	0	14	0	0

SHREVEPORT, LA.

[H=249 ft.; h_t=77 ft.; h_r=76 ft.; h_a=84 ft.]

January	7.5	S.	34	NW.	0	7	1	0	12	21	3	5	12	1	11	5	15	6	4	0	0	2	0	0	7	0	0
February	7.6	E.	28	N.	0	9	7	11	5	7	4	6	6	1	6	5	17	12	10	2	0	0	0	0	4	2	0
March	10.5	S.	38	SE.	0	8	1	5	9	18	5	10	6	0	20	2	9	6	5	0	1	0	0	0	1	5	0
April	7.9	E.	34	SW.	0	6	9	15	6	2	7	11	4	0	15	5	10	5	5	0	0	1	0	0	0	5	0
May	6.6	SE.	27	SE.	0	8	4	9	16	4	9	7	5	0	12	6	13	11	10	0	0	0	0	1	0	9	0
June	5.7	SE.	38	SE.	0	4	5	10	24	3	4	5	5	0	18	5	7	5	5	0	0	0	0	20	0	6	0
July	5.2	SE.	30	NE.	0	6	4	7	27	4	9	3	2	0	11	10	10	9	5	0	0	1	0	27	0	11	0
August	4.8	N.	26	W.	0	12	9	9	12	3	4	7	6	0	18	7	6	10	8	0	0	0	0	25	0	5	0
September	5.6	SE.	30	NE.	0	6	12	16	17	4	2	1	1	1	16	7	7	7	6	0	0	0	0	8	0	5	0
October	5.0	SE.	24	NE.	0	6	6	11	25	5	0	5	4	0	18	10	3	3	3	0	0	1	0	1	0	0	0
November	6.3	SE.	27	SE.	0	7	10	4	15	9	2	6	7	0	14	7	9	6	5	0	0	2	0	0	1	1	0
December	8.8	SE.	34	S.	0	4	2	7	16	9	1	9	14	0	13	6	12	7	6	0	0	2	1	0	8	3	0
Year	6.8	SE.	38	SE.	0	83	70	104	184	89	50	75	72	3	172	75	118	87	72	2	1	9	1	82	21	52	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

SIOUX CITY, IOWA.[a]

[λ=42° 29′ N.; φ=96° 24′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	28.837	29.27	28.23	18.4	.....	32.4	16.1	24.2	54	1	14	.....	82	.....	.083	.....	.22	.17	4.3	.....	4.3
February	28.894	29.37	28.36	12.9	.....	28.8	11.1	20.0	44	− 8	9	.....	84	.....	.068	.....	.54	.45	3.9	.....	4.0
March	28.643	29.20	28.17	28.4	.....	43.5	26.5	35.0	70	4	24	.....	81	.....	.133	.....	1.58	.51	6.0	.....	6.3
April	28.866	29.25	28.34	42.7	.....	60.2	40.6	50.4	88	22	36	.....	79	.....	.224	.....	1.50	.88	5.9	.....	5.3
May	28.717	29.30	28.37	53.9	.....	71.4	50.1	60.8	87	36	46	.....	77	.....	.326	.....	3.65	1.30	3.4	.....	4.3
June	28.645	29.03	28.37	65.2	.....	82.4	60.6	71.5	99	39	58	.....	78	.....	.496	.....	4.70	1.17	5.2	.....	4.9
July	28.700	28.97	28.37	74.0	.....	95.1	70.2	82.6	106	58	61	.....	65	.....	.547	.....	1.24	.58	1.9	.....	2.3
August	28.808	29.00	28.57	65.3	.....	86.4	62.5	74.4	102	53	58	.....	77	.....	.478	.....	1.75	.68	2.6	.....	3.1
September	28.752	29.12	28.26	55.1	.....	72.3	52.3	62.3	91	30	49	.....	82	.....	.370	.....	7.99	2.31	5.1	.....	4.4
October	28.868	29.16	28.56	45.9	.....	65.3	48.8	54.6	82	31	42	.....	88	.....	.275	.....	2.28	1.45	3.8	.....	4.2
November	28.914	29.27	28.35	29.8	.....	46.5	27.1	36.8	69	15	26	.....	85	.....	.144	.....	.56	.55	3.4	.....	3.9
December	28.831	29.34	28.39	16.3	.....	27.4	13.2	20.3	47	−22	14	.....	89	.....	.094	.....	.63	.27	4.5	.....	5.7
Year	28.790	29.37	28.17	42.3	.....	59.3	39.5	49.4	106	−22	36	.....	81	.....	.270	.....	26.59	2.31	4.2	.....	4.4

SPOKANE, WASH.

[λ=47° 40′ N.; φ=117° 25′ W.]

January	27.988	28.50	27.52	27.1	33.0	35.9	24.2	30.0	50	10	24	28	89	81	.133	.153	2.29	.55	6.7	7.6	8.1
February	28.022	28.30	27.54	27.6	37.0	39.3	24.7	32.0	59	10	23	28	81	68	.131	.157	2.71	.83	5.3	6.8	6.5
March	27.988	28.58	27.48	34.3	47.5	50.3	32.8	41.6	64	26	30	32	84	56	.168	.180	1.08	.24	4.9	7.8	7.2
April	27.962	28.27	27.46	36.1	53.6	56.3	34.8	45.6	68	25	30	28	79	42	.167	.162	1.14	.77	4.3	6.7	5.8
May	27.915	28.23	27.63	48.4	66.5	69.2	46.6	57.9	86	33	41	41	76	42	.264	.266	1.26	.42	4.5	7.0	6.2
June	27.927	28.10	27.68	47.8	64.7	67.7	46.0	56.8	86	35	41	38	78	41	.260	.239	1.05	.32	4.4	7.5	6.2
July	27.910	28.03	27.70	55.3	79.7	81.4	53.7	67.6	95	45	44	41	67	26	.290	.257	.61	.41	2.7	3.1	3.2
August	27.947	28.12	27.73	58.7	85.6	88.4	57.0	72.7	99	50	45	40	61	21	.299	.251	.01	.01	3.1	3.3	2.9
September	27.941	28.31	27.42	47.5	61.7	65.0	45.0	55.0	76	33	41	40	79	47	.258	.249	2.07	.38	6.1	6.8	7.1
October	28.044	28.45	27.62	44.1	63.7	66.9	40.9	53.9	78	34	39	42	81	47	.236	.275	.25	.15	2.5	4.5	4.2
November	28.028	28.37	27.64	36.7	44.2	47.7	34.2	41.0	57	25	33	35	87	72	.188	.208	2.61	1.04	6.0	8.1	8.2
December	28.122	28.58	27.51	31.5	35.3	38.1	28.1	33.1	49	15	28	30	86	79	.184	.164	.91	.23	6.7	7.6	8.3
Year	27.983	28.58	27.42	41.3	56.0	58.8	39.0	48.9	99	10	35	35	79	52	.212	.213	15.99	1.04	4.8	6.4	6.2

SPRINGFIELD, ILL.

[λ=39° 48′ N.; φ=89° 39′ W.]

January	29.379	29.92	28.79	26.9	32.6	38.2	23.7	31.0	63	1	22	24	80	69	.125	.134	1.80	1.48	5.8	3.4	5.2
February	29.407	29.89	28.84	19.4	26.3	30.9	17.7	24.3	50	3	15	18	80	68	.088	.101	1.31	.58	4.8	3.8	4.8
March	29.160	29.66	28.48	36.2	40.9	47.0	32.7	39.8	70	7	30	31	77	68	.177	.183	2.96	1.14	6.7	6.5	7.1
April	29.381	29.78	28.51	44.4	56.0	60.3	41.4	50.8	88	30	35	38	72	54	.212	.230	1.23	.42	4.7	5.2	4.7
May	29.198	29.59	28.91	56.3	66.1	72.8	51.8	62.3	89	40	46	46	71	52	.326	.326	1.88	1.13	5.1	4.6	4.7
June	29.262	29.47	29.07	69.4	79.3	86.3	64.8	75.6	98	48	62	64	77	61	.566	.612	5.34	2.13	4.6	5.1	5.0
July	29.295	29.48	29.08	75.8	87.6	94.7	70.8	82.8	107	56	64	62	67	45	.602	.570	.58	.42	2.1	3.3	3.7
August	29.315	29.52	29.09	67.5	80.6	87.5	64.0	75.8	99	55	59	59	76	51	.513	.510	2.92	1.57	4.0	5.0	4.6
September	29.354	29.62	28.93	58.4	71.5	78.7	56.1	67.4	94	35	53	53	82	54	.411	.416	1.95	.86	3.0	4.3	4.8
October	29.442	29.73	28.95	48.8	61.0	68.7	47.1	57.9	88	35	41	43	75	54	.266	.290	1.78	1.49	4.0	2.2	4.1
November	29.470	29.88	29.09	32.8	42.3	48.3	30.5	39.4	71	18	26	27	76	56	.149	.158	1.06	.41	3.4	2.7	3.6
December	29.373	29.84	28.92	23.3	26.3	31.0	20.0	25.5	61	−11	20	21	85	80	.127	.129	2.70	1.46	7.4	5.8	7.0
Year	29.336	29.92	28.48	46.6	55.9	62.0	43.4	52.7	107	−11	39	40	76	59	.297	.305	25.51	2.13	4.6	4.3	4.9

SPRINGFIELD, MO.

[λ=37° 12′ N.; φ=93° 18′ W.]

January	28.676	29.08	28.26	32.5	40.4	47.5	28.6	38.0	70	8	27	27	79	60	.158	.155	.73	.69	2.7	2.7	3.7
February	28.681	29.11	28.10	26.7	35.6	40.0	24.0	32.0	60	12	22	26	82	70	.125	.144	1.86	1.07	5.6	5.2	5.1
March	28.682	29.01	27.90	37.9	46.9	53.4	34.0	43.7	78	11	33	32	82	62	.198	.206	4.43	2.10	5.1	4.9	4.5
April	28.632	29.01	27.88	47.3	58.7	63.0	44.7	53.8	84	31	42	40	83	54	.278	.264	2.94	1.27	5.9	5.2	4.4
May	28.501	28.88	28.26	57.2	69.5	73.2	54.3	63.8	84	38	50	48	78	49	.375	.348	3.04	2.76	4.4	4.4	3.7
June	28.559	28.77	28.34	70.6	83.2	87.9	66.7	77.3	95	54	63	60	76	47	.576	.529	3.39	2.11	2.3	3.2	2.5
July	28.596	28.79	28.37	76.0	90.3	95.0	72.8	83.9	106	67	65	58	69	39	.615	.514	1.69	.55	2.3	4.1	2.5
August	28.593	28.78	28.40	70.2	84.8	89.3	67.9	78.6	98	60	63	58	77	42	.574	.489	3.03	1.40	2.6	3.2	2.6
September	28.629	28.86	28.27	61.0	73.3	79.7	59.3	69.5	90	39	54	52	78	49	.424	.402	1.79	.63	3.1	3.1	3.7
October	28.735	29.02	28.36	53.5	65.4	72.0	51.8	61.9	85	34	46	47	77	53	.323	.332	2.26	1.74	3.3	2.2	3.6
November	28.756	29.13	28.42	39.4	49.7	55.6	37.3	46.4	74	21	33	33	78	55	.194	.205	2.58	.93	3.9	3.1	3.7
December	28.625	29.17	28.20	25.9	33.1	39.6	23.0	31.3	60	−11	22	27	86	78	.139	.164	3.98	2.39	5.0	5.0	4.9
Year	28.622	29.17	27.88	49.8	60.9	66.4	47.0	56.7	106	−11	43	42	79	55	.332	.312	31.72	2.76	3.8	3.9	3.7

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

SIOUX CITY, IOWA.

[H=1,135 ft.; h_t=96 ft.; h_r=86 ft.; h_a=164 ft.]

Month.	Wind.														Number of days.												
	By self-registers.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.					Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction.[a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Aurora.
	Miles.		*Mi.*																								
January	13.4	NW.	54	NW.	5	2	2	1	7	3	1	3	12	0	12	14	5	4	1	3	0	0	17	0	29	0	0
February	12.6	NW.	45	NW.	1	3	4	0	2	5	1	0	13	0	16	4	8	6	2	4	0	0	16	0	27	0	0
March	15.1	NW.	58	NW.	6	5	4	2	4	3	2	1	10	0	7	11	13	12	5	9	1	0	4	0	22	1	0
April	15.0	SE.	48	NW.	4	3	5	6	8	3	0	0	5	0	12	7	11	7	6	2	0	0	0	0	5	2	0
May	12.1	SE.	48	NW.	2	7	5	0	9	1	1	0	8	0	14	10	7	10	9	0	1	1	0	0	0	2	0
June	13.4	S.	48	NW.	6	0	3	2	6	9	3	3	4	0	12	11	7	15	12	0	2	1	0	6	0	12	0
July	11.4	SE.	38	NW.	0	1	2	5	9	7	2	1	4	0	22	8	1	6	4	0	0	0	0	22	0	5	0
August	9.4	SE.	30	NW.	0	6	3	4	9	3	0	0	6	0	18	11	2	9	5	0	0	0	0	7	0	5	0
September	13.1	SE.	50	SE.	3	2	4	2	11	4	1	1	5	0	16	7	7	14	11	0	0	0	0	1	1	6	0
October	11.7	SE.	42	S.	1	3	0	2	10	5	2	1	8	0	16	6	9	7	7	0	0	0	0	0	1	3	0
November	12.2	NW.	44	NW.	2	3	2	1	7	6	0	0	11	0	16	7	7	3	1	3	0	0	1	0	22	0	0
December	11.8	NW.	41	NW.	2	5	0	0	4	7	0	1	14	0	8	11	12	8	5	8	0	0	16	0	29	0	0
Year	12.6	NW.	58	NW.	32	40	34	25	86	56	13	11	100	0	169	107	89	101	68	29	4	2	54	36	136	36	0

SPOKANE, WASH.

[H=1,943 ft.; h_t=99 ft.; h_r=90 ft.; h_a=107 ft.]

January	6.0	SW.	30	SW.	0	6	11	6	6	14	15	2	1	1	2	8	21	15	9	12	0	1	7	0	27	0	0
February	5.7	NE.	33	S.	0	4	16	9	4	8	9	1	2	3	6	8	14	14	11	5	0	1	2	0	21	0	0
March	6.5	SW.	30	SW.	0	1	7	3	8	15	20	6	2	0	2	12	17	10	6	1	2	0	0	0	15	1	0
April	7.1	S.	28	SW.	0	3	4	5	5	17	13	9	1	3	8	11	11	8	3	1	1	0	0	0	10	0	0
May	6.0	SW.	24	SW.	0	6	5	7	6	14	17	5	2	0	4	15	12	11	7	0	0	0	0	0	0	2	0
June	6.9	SW.	26	W.	0	0	4	2	11	14	15	9	2	3	5	15	10	10	8	0	1	0	0	0	0	2	0
July	5.2	S.	27	S.	0	0	7	6	8	17	13	9	2	0	20	5	6	2	2	0	0	0	0	3	0	0	0
August	4.2	E.	33	SW.	0	7	10	14	3	8	13	4	2	1	18	10	3	1	0	0	0	0	0	11	0	1	0
September	5.0	S.	26	NE.	0	7	12	6	4	13	9	5	2	2	7	6	17	13	10	0	0	0	0	0	0	1	0
October	3.7	NE.	29	SW.	0	5	17	9	1	12	10	4	1	3	14	8	9	4	4	0	0	2	0	0	0	0	0
November	5.4	S.	30	SW.	0	4	9	11	12	13	8	2	1	0	1	8	21	13	9	3	0	3	0	0	9	0	0
December	5.4	SW.	38	SW.	0	10	6	3	3	13	15	4	6	2	3	3	25	12	9	5	0	1	6	0	21	0	0
Year	5.6	S.	38	SW.	0	53	108	81	71	158	157	60	24	18	90	109	166	113	78	27	4	8	15	14	103	7	0

SPRINGFIELD, ILL.

[H=644 ft.; h_t=82 ft.; h_r=76 ft.; h_a=93 ft.]

January	10.7	NW.	30	NW.	0	1	1	5	3	16	4	10	12	0	12	10	9	5	4	3	0	0	9	0	25	0	0
February	10.2	NW.	31	NW.	0	3	2	5	5	2	6	3	30	0	11	9	8	10	4	8	0	0	14	0	28	0	0
March	13.2	NW.	36	W.	0	7	2	2	10	7	9	13	12	0	5	10	16	12	9	5	0	1	2	0	14	2	0
April	9.9	N.	34	S.	0	12	11	8	14	7	1	2	5	0	17	3	10	8	6	0	0	1	0	0	3	0	0
May	9.1	NE.	48	SW.	1	6	14	6	7	4	8	9	8	0	13	11	7	9	6	0	2	0	0	0	0	3	0
June	8.1	SW.	44	NW.	2	3	0	7	17	5	15	4	9	0	10	11	9	15	12	0	0	0	0	10	0	14	0
July	7.7	SW.	39	NW.	0	5	4	5	13	9	13	8	5	0	16	11	4	5	3	0	0	0	0	26	0	4	0
August	7.1	NE.	25	NW.	0	9	29	11	9	4	3	4	2	0	13	13	5	6	5	0	0	0	0	8	0	5	0
September	7.8	S.	32	NW.	0	3	6	4	9	19	5	7	7	0	12	10	8	8	6	0	0	0	0	3	0	3	0
October	8.5	SW.	29	SW.	0	6	8	2	5	9	12	10	10	0	15	7	9	7	4	0	0	1	0	0	0	1	0
November	9.4	NW.	30	NW.	0	7	6	3	4	8	10	6	16	0	18	7	5	7	5	0	0	0	0	0	17	0	0
December	9.5	S.	29	S.	0	10	5	0	6	12	9	4	16	0	7	5	19	9	6	6	0	0	11	0	24	0	0
Year	9.3	NW.	48	SW.	3	72	79	58	102	102	95	80	142	0	149	107	109	101	70	22	2	3	36	47	111	32	0

SPRINGFIELD, MO.

[H=1,324 ft.; h_t= 98 ft.; h_r=3 ft.; h_a=104 ft.]

January	11.5	NW.	35	NW.	0	5	4	1	12	10	6	8	16	0	15	11	5	4	1	0	0	0	4	0	20	0	0
February	10.6	NW.	37	SW.	0	11	2	4	7	9	2	8	13	0	9	12	7	7	7	3	0	0	9	0	23	0	0
March	15.1	NW.	44	W.	2	4	3	2	6	11	9	13	14	0	13	9	9	6	6	1	0	0	2	0	13	4	0
April	11.3	SE.	45	W.	1	5	8	2	24	4	1	4	12	0	15	8	7	11	9	3	1	0	0	0	1	3	0
May	9.6	N.	30	SW.	0	12	9	4	9	9	2	6	11	0	17	12	2	4	3	0	0	0	0	0	0	3	0
June	9.5	S.	34	SW.	0	3	2	1	15	22	12	2	3	0	21	9	0	6	5	0	0	0	0	12	0	5	0
July	8.0	S.	25	SE.	0	3	8	2	14	23	11	1	0	0	20	10	1	6	6	0	0	0	0	27	0	7	0
August	7.1	NE.	26	N.	0	6	17	7	10	8	6	3	5	0	23	7	1	8	6	0	0	0	0	12	0	5	0
September	9.3	SE.	29	NW.	0	6	6	6	26	10	2	4	0	0	14	10	6	6	5	0	0	1	0	0	0	5	0
October	9.2	SE.	26	NW.	0	9	2	1	17	14	3	7	9	0	20	6	5	7	6	0	0	1	0	0	0	1	0
November	10.4	NW.	33	NW.	0	6	5	0	16	6	6	5	16	0	18	6	6	5	5	0	0	1	0	0	7	2	0
December	11.6	SE.	36	S.	0	10	5	3	13	12	3	6	11	0	13	9	9	5	4	5	1	2	7	0	22	2	0
Year	10.3	SE.	45	W.	3	80	71	33	169	138	63	66	110	0	198	109	58	75	63	12	2	5	22	51	86	37	0

[a] By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

TACOMA, WASH.[a]

[λ=47° 16′ N.; φ=122° 23′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.[1]	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.802	30.30	29.33	37.7	.....	48.6	35.0	39.3	54	27	34	....	88	.....	.200	.....	6.48	2.66	6.6	.....	7.8
February	29.819	30.09	29.36	38.5	.....	47.4	35.8	41.6	64	24	33	....	82	.....	.197	.....	6.56	2.20	5.7	.....	6.0
March	29.894	30.35	29.36	40.2	.....	51.6	37.7	44.6	67	32	38	....	91	.....	.227	.....	2.97	.45	7.1	.....	7.1
April	29.846	30.22	29.30	39.8	.....	54.8	38.1	46.4	67	32	38	....	94	.....	.233	.....	5.93	1.90	7.4	.....	6.4
May	29.805	30.20	29.62	46.3	.....	61.6	45.3	53.4	82	37	44	....	92	.....	.291	.....	2.26	1.17	7.9	.....	6.3
June	29.841	30.02	29.64	49.2	.....	63.6	48.6	56.1	88	42	46	....	90	.....	.314	.....	1.46	.34	8.5	.....	7.0
July	29.814	29.97	29.64	52.2	.....	70.2	51.4	60.8	90	47	48	....	87	.....	.339	.....	.50	.36	7.3	.....	4.3
August	29.825	29.98	29.68	54.4	.....	74.9	53.5	64.2	88	48	52	....	92	.....	.383	.....	.32	.32	4.5	.....	3.7
September	29.764	30.07	29.15	49.6	.....	64.2	47.8	56.0	84	40	48	....	94	.....	.335	.....	2.42	.69	6.0	.....	5.2
October	29.851	30.24	29.38	50.5	.....	63.8	48.2	56.0	75	40	49	....	96	.....	.352	.....	2.60	.86	6.4	.....	6.9
November	29.789	30.14	29.46	45.0	.....	53.1	42.0	47.6	61	31	42	....	91	.....	.274	.....	9.62	3.18	7.5	.....	8.3
December	30.002	30.37	29.49	39.5	.....	45.6	36.1	40.8	54	24	36	....	88	.....	.216	.....	4.63	1.01	6.4	.....	8.6
Year	29.838	30.37	29.15	45.2	.....	57.9	43.3	50.6	88	24	42	....	90	....	.280	.....	45.75	3.18	6.8	.....	6.5

TAMPA, FLA.

[λ=27° 57′ N.; φ=82° 27′ W.]

January	30.067	30.52	29.70	53.7	59.9	68.7	50.6	59.6	82	37	49	51	85	72	.374	.394	1.15	.54	4.6	3.1	4.5
February	30.017	30.29	29.61	52.7	58.4	67.4	49.1	58.2	79	32	46	46	78	66	.348	.349	1.76	.84	4.0	4.8	4.3
March	30.020	30.42	29.69	58.1	63.7	72.3	54.2	63.2	82	34	50	52	76	67	.398	.421	3.58	1.28	3.1	3.0	3.9
April	29.566	30.26	29.72	62.6	66.9	75.4	57.8	66.6	84	50	53	53	72	62	.419	.414	1.63	1.04	2.8	2.2	2.9
May	29.855	30.05	29.60	72.6	75.5	84.0	67.2	75.6	90	57	66	63	79	66	.635	.586	4.31	2.55	3.5	3.4	4.3
June	29.938	30.05	29.80	77.4	78.4	88.0	72.2	80.1	94	66	71	70	82	76	.769	.734	7.52	2.51	5.0	6.0	7.0
July	29.959	30.10	29.86	79.3	79.6	89.5	74.0	81.8	93	65	74	72	83	78	.829	.779	6.82	2.26	4.2	7.1	6.6
August	29.944	30.05	29.83	77.5	78.3	88.1	72.8	80.4	92	70	73	72	86	82	.812	.787	8.03	2.97	3.7	7.2	7.2
September	29.909	30.01	29.67	76.5	78.3	87.6	72.8	80.2	94	68	72	72	88	83	.797	.791	5.18	2.01	3.8	5.4	6.3
October	29.994	30.20	29.70	67.9	73.0	82.4	65.2	73.8	88	58	64	64	87	75	.595	.612	.36	.20	4.1	1.4	4.3
November	30.074	30.33	29.89	64.9	61.2	70.6	52.2	61.4	83	38	49	53	82	75	.376	.420	.48	.18	3.8	2.0	3.7
December	30.045	30.33	29.60	52.0	58.8	68.0	49.4	58.7	80	24	48	54	88	84	.374	.439	1.24	.45	5.0	2.9	4.4
Year	29.982	30.52	29.60	65.4	69.3	78.5	61.5	70.0	94	24	60	60	82	74	.560	.560	42.06	2.97	4.0	4.0	5.0

TOLEDO, OHIO.

[λ=41° 40′ N.; φ=83° 34′ W.]

January	29.337	29.99	28.79	24.4	28.1	33.8	19.6	26.7	52	1	20	22	82	77	.116	.124	1.38	.35	7.7	6.7	6.8
February	29.337	29.78	28.83	18.3	20.7	24.8	11.0	17.9	35	0	10	14	84	73	.067	.082	1.13	.65	6.6	6.2	6.1
March	29.172	29.52	28.69	31.6	36.6	44.4	27.5	36.0	70	2	26	28	79	72	.149	.163	1.94	.54	7.0	6.7	6.8
April	29.388	29.84	28.76	42.4	48.8	54.8	39.4	47.1	84	29	35	36	75	65	.207	.225	2.37	.68	6.2	6.2	5.2
May	29.198	29.58	28.89	53.5	59.2	65.5	49.0	57.2	86	36	46	46	77	64	.319	.319	2.85	.78	5.9	6.3	5.8
June	29.298	29.54	29.06	66.6	72.8	79.0	61.2	70.1	93	42	58	59	74	63	.504	.524	3.32	1.26	3.8	4.9	4.1
July	29.304	29.52	29.04	73.5	79.6	87.1	67.9	77.5	97	57	65	65	75	62	.621	.626	2.68	1.16	3.4	4.3	3.2
August	29.342	29.55	29.04	68.1	74.4	80.7	64.1	72.4	94	55	61	61	78	66	.538	.552	3.91	2.32	4.6	5.1	4.6
September	29.388	29.68	28.92	59.1	66.8	73.8	56.2	65.0	89	39	54	53	82	63	.423	.419	.87	.40	4.3	3.7	3.6
October	29.448	29.80	28.71	46.6	55.5	64.1	44.1	54.1	80	30	40	41	78	60	.257	.269	1.06	.58	3.9	2.4	3.6
November	29.430	29.88	29.06	34.3	37.7	43.8	31.3	37.6	67	17	28	29	78	70	.165	.162	1.25	.58	6.9	5.4	6.8
December	29.354	29.71	28.89	22.5	27.1	31.8	19.2	25.5	62	− 8	19	22	87	79	.119	.132	3.58	1.96	6.8	6.6	6.1
Year	29.333	29.99	28.69	44.7	50.6	57.0	40.9	48.9	97	− 8	38	40	79	68	.290	.300	26.29	2.32	5.5	5.4	5.2

TOPEKA, KANS.

[λ=39° 03′ N.; φ=95° 41′ W.]

January						43.2	23.4	33.3	63	2							.13	.11			3.9
February						35.2	17.4	26.3	55	− 6							1.87	.87			4.6
March						53.3	31.2	42.2	83	13							1.78	.75			6.6
April						68.7	43.1	53.4	88	27							3.55	1.56			5.7
May						74.1	52.9	63.5	86	40							.54	.18			4.4
June						90.0	66.0	78.0	100	54							1.90	.58			3.5
July						99.5	73.6	86.6	106	60							4.10	2.90			3.0
August						90.1	67.0	78.6	105	60							1.67	.80			3.1
September						79.0	57.8	68.4	93	38							6.02	4.00			4.2
October						71.3	50.3	60.8	84	34							2.83	.94			4.5
November						55.2	33.1	44.2	71	22							.66	.56			4.7
December						36.4	21.0	28.7	56	− 8							.94	.35			6.0
Year						65.9	44.7	55.3	106	− 8							25.98	4.00			4.4

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

TACOMA, WASH.

[H=213 ft.; h_t=118 ft.; h_r=104 ft.; h_a=120 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. a	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature low 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	6.2	S.	27	SW.	0	4	8	5	7	17	16	1	3	1	3	7	21	19	15	6	0	3	0	0	9	0	0
February	7.8	S.	34	NE.	0	12	7	6	5	12	12	1	0	1	7	8	13	16	14	3	0	1	0	0	8	0	0
March	6.9	SW.	28	SW.	0	8	3	0	3	14	23	8	1	2	6	6	19	16	16	1	0	1	0	0	1	0	0
April	6.6	N.	27	SW.	0	18	3	1	5	8	15	8	1	1	7	8	15	15	13	1	0	0	0	0	1	1	0
May	5.4	SW.	19	N.	0	13	2	3	2	12	13	12	5	0	4	16	11	15	8	0	0	2	0	0	0	0	0
June	6.7	SW.	25	SW.	0	13	1	0	0	9	24	10	3	0	4	11	15	11	9	0	0	0	0	0	0	0	0
July	5.4	N.	17	W.	0	22	4	0	0	5	9	18	4	0	16	10	5	5	3	0	0	0	0	0	0	0	0
August	4.4	N.	17	N.	0	37	0	0	1	4	6	10	4	0	19	8	4	1	1	0	0	1	0	0	0	0	0
September	5.1	N.	28	N.	0	21	2	4	6	6	10	7	1	0	9	11	10	12	9	0	0	1	0	0	0	0	0
October	4.4	SW.	26	SW.	0	15	5	1	3	13	17	2	5	1	3	12	16	8	6	0	0	8	0	0	0	0	0
November	5.8	SW.	30	SW.	0	7	1	0	7	9	31	2	3	0	0	8	22	20	17	0	0	5	0	0	1	0	0
December	6.8	SW.	36	SW.	0	8	5	2	9	12	23	3	0	0	1	2	28	18	14	0	0	8	0	0	8	0	0
Year	6.0	SW.	36	SW.	0	181	41	22	48	121	199	82	30	6	79	107	179	156	125	11	0	30	0	0	28	1	0

TAMPA, FLA.

[H=34 ft.; h_t=60 ft.; h_r=51 ft.; h_a=67 ft.]

January	7.0	NW.	26	SW.	0	14	8	2	4	4	5	7	18	0	11	15	5	7	5	0	0	3	0	0	0	1	0
February	7.0	NW.	34	SW.	0	13	5	3	5	7	4	3	15	1	12	9	7	7	5	0	0	2	0	0	0	2	0
March	8.0	W.	30	S.	0	5	6	3	8	10	5	13	11	1	17	5	9	8	7	0	0	2	0	0	0	4	0
April	8.2	W.	37	SE.	0	11	5	3	2	5	3	23	7	1	19	9	2	5	5	0	0	0	0	0	0	2	0
May	6.5	W.	34	SW.	0	2	4	0	9	5	10	25	5	2	14	11	6	7	5	0	0	0	0	0	0	6	0
June	5.7	NE.	35	S.	0	3	17	14	14	0	2	6	4	0	1	20	9	18	14	0	0	0	0	10	0	15	0
July	4.6	E.	43	SE.	1	6	14	17	15	3	3	1	2	1	1	23	7	18	12	0	0	0	0	12	0	19	0
August	5.2	NE.	32	S.	0	7	14	12	13	2	1	5	6	2	0	20	11	20	15	0	0	0	0	7	0	24	0
September	5.8	NE.	30	S.	0	5	28	6	5	3	1	7	1	4	4	14	12	15	12	0	0	0	0	4	0	3	0
October	6.6	N.	19	N.	0	29	21	0	1	0	1	3	3	4	12	13	6	4	2	0	0	0	0	0	0	1	0
November	5.3	N.	25	W.	0	22	7	2	2	1	1	6	17	2	16	10	4	5	4	0	0	0	0	0	0	0	0
December	5.9	NW.	30	W.	0	9	10	10	11	6	1	1	14	0	15	8	8	7	5	0	0	3	0	0	3	0	0
Year	6.3	NE.	43	SE.	1	126	139	72	89	46	37	100	103	18	122	157	86	121	91	0	0	10	0	33	3	77	0

TOLEDO, OHIO.

[H=628 ft.; h_t=123 ft.; h_r=112 ft.; h_a=127 ft.]

January	11.4	SW.	42	NW.	2	5	4	1	6	12	12	12	10	0	8	5	18	15	8	11	0	0	15	0	30	0	0
February	11.1	W.	30	NE.	0	1	3	4	3	2	20	16	7	0	5	12	11	7	5	7	0	0	25	0	28	0	0
March	12.8	SW.	42	W.	1	3	5	9	4	6	20	9	6	0	8	7	16	15	13	5	1	0	3	0	23	1	0
April	10.6	NE.	37	N.	0	13	12	13	6	1	2	1	12	0	11	8	11	11	7	3	0	0	0	0	3	0	0
May	9.3	NE.	34	W.	0	8	9	14	7	2	8	9	5	0	6	14	11	14	12	0	0	1	0	0	0	3	0
June	8.3	W.	30	W.	0	1	10	5	4	12	7	16	5	0	16	10	4	8	6	0	0	0	0	2	0	7	0
July	8.9	SW.	42	SE.	1	7	6	8	5	6	15	12	3	0	19	11	1	9	7	0	0	0	0	11	0	10	0
August	7.8	NE.	28	SW.	0	9	7	10	9	7	8	4	8	0	12	13	6	7	4	0	1	1	0	1	0	5	0
September	8.9	W.	32	W.	0	5	6	5	7	8	10	10	8	1	15	10	5	7	5	0	0	0	0	0	0	2	0
October	10.1	SW.	52	SE.	1	6	4	2	6	15	14	9	6	0	19	7	5	6	5	0	0	0	0	0	1	1	0
November	10.5	W.	36	NW.	0	4	2	1	4	5	9	21	14	0	8	9	13	10	6	3	0	0	2	0	16	0	0
December	9.5	SW.	34	SE.	0	4	1	2	5	11	18	7	14	0	10	8	13	9	6	4	0	3	11	0	25	1	0
Year	9.9	SW.	52	SE.	5	66	69	74	66	87	143	126	98	1	137	114	114	118	84	33	2	5	56	14	126	30	0

TOPEKA, KANS.

[H= — ft.; h_t=81 ft.; h_r=78 ft.; h_a=89 ft.]

January	.....	W.	....	.....	.....	7	0	0	3	5	2	9	5	0	18	13	5	2	1	0	0	0	5	0	26	0	0
February	.....	NW.	....	.....	.....	5	1	3	1	3	2	4	9	0	10	12	6	6	4	6	0	0	11	0	25	0	0
March	.....	N.	....	.....	.....	9	1	3	4	5	2	4	8	0	5	17	9	6	5	4	1	0	1	0	17	2	0
April	.....	E.	....	.....	.....	3	2	8	6	5	1	0	5	0	7	14	9	8	7	2	1	1	0	0	2	1	0
May	.....	NE.	....	.....	.....	6	7	4	3	5	1	1	4	0	10	17	4	6	4	0	0	1	0	0	0	3	0
June	.....	S.	....	.....	.....	1	0	2	2	17	3	2	3	0	14	15	1	6	6	0	0	0	0	16	0	5	0
July	.....	S.	....	.....	.....	5	2	2	0	17	4	0	1	0	18	11	2	8	7	0	0	0	0	27	0	10	0
August	.....	SE.	....	.....	.....	5	7	7	8	1	3	0	0	0	16	12	3	5	5	0	0	1	0	16	0	7	0
September	.....	S.	....	.....	.....	2	4	3	7	9	1	0	4	0	10	16	4	13	11	0	1	1	0	3	0	5	0
October	.....	S.	....	.....	.....	6	1	2	6	8	3	3	3	0	10	15	6	7	6	0	0	0	0	0	0	6	0
November	82	S.	34	S.	0	3	1	4	1	7	4	3	7	0	11	10	9	4	4	2	0	2	0	0	13	0	0
December	92	NW.	31	NW.	0	9	1	1	2	10	1	0	7	0	7	13	11	9	6	4	0	2	8	0	27	0	0
Year	.....	S.	....	.....	.....	61	27	39	42	92	27	26	51	0	131	165	69	81	66	18	3	8	25	62	110	39	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

VALENTINE, NEBR.

[λ=42° 50′ N.; φ=100° 32′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	27.258	27.64	26.79	16.8	31.4	41.6	11.9	26.8	63	−8	13	15	86	50	.080	.086	.04	.04	3.4	3.7	4.2
February	27.336	27.73	26.75	10.6	23.9	31.8	4.5	18.2	57	−21	8	16	90	72	.068	.090	1.19	.88	4.0	5.2	4.8
March	27.162	27.71	26.67	24.2	38.9	45.8	21.2	33.5	72	1	19	20	79	53	.102	.110	1.70	.86	5.0	6.1	5.3
April	27.292	27.62	26.86	40.0	54.2	58.5	38.0	48.2	90	21	35	33	82	52	.208	.195	1.46	.79	5.6	5.2	4.9
May	27.222	27.83	26.83	50.8	69.3	73.8	47.5	60.6	88	32	43	40	76	37	.292	.262	.90	.47	2.8	3.5	3.2
June	27.144	27.45	26.86	59.4	71.9	78.0	54.4	66.2	97	39	54	54	83	55	.424	.431	7.85	2.45	4.2	5.9	4.5
July	27.225	27.48	26.92	68.9	87.9	92.9	65.8	79.4	104	50	60	58	75	39	.528	.486	2.38	1.12	3.0	2.7	2.3
August	27.318	27.53	27.00	62.0	79.8	86.3	59.6	73.0	103	52	55	56	80	46	.437	.453	2.49	.73	3.2	4.7	3.4
September	27.222	27.55	26.70	50.7	63.4	71.3	47.9	59.6	92	26	45	46	83	57	.323	.335	4.06	1.37	5.5	4.1	4.2
October	27.331	27.61	26.96	42.0	55.7	65.6	39.2	52.4	80	29	37	39	82	57	.226	.246	1.79	.86	3.2	3.2	3.6
November	27.333	27.73	26.86	29.3	42.6	54.1	24.6	39.4	75	13	22	22	72	45	.116	.122	.05	.03	2.0	2.3	3.2
December	27.245	27.73	26.66	17.4	24.1	32.4	11.0	21.7	56	−84	13	17	83	75	.090	.104	.93	.37	4.9	4.9	5.3
Year	27.257	27.83	26.66	39.3	53.6	61.0	35.5	48.2	104	−34	34	35	81	53	.241	.243	24.84	2.45	3.9	4.3	4.1

VICKSBURG, MISS.

[λ=32° 22′ N.; φ=90° 53′ W.]

January	29.867	30.26	29.44	45.7	54.0	60.5	42.1	51.3	72	29	39	38	78	57	.262	.248	5.56	7.03	6.0	3.7	5.1
February	29.820	30.19	29.40	42.1	50.9	55.9	40.1	48.0	73	24	34	34	73	57	.207	.212	5.71	2.54	5.6	6.1	6.1
March	29.694	30.26	29.16	49.3	61.6	67.2	46.9	57.0	82	26	40	38	72	46	.275	.267	3.12	.90	4.7	3.7	3.9
April	29.753	30.08	29.27	54.8	65.7	72.2	52.3	62.2	88	40	45	43	72	49	.316	.299	2.70	1.81	4.0	4.9	4.1
May	29.606	29.87	29.40	65.2	75.4	81.3	61.7	71.5	90	52	57	58	78	57	.483	.495	9.77	4.66	5.0	5.2	5.1
June	29.695	29.86	29.51	74.9	83.7	90.6	70.4	80.5	98	62	68	68	80	62	.693	.697	3.73	2.05	3.3	4.0	3.9
July	29.706	29.91	29.58	76.6	84.3	91.5	72.8	82.2	100	63	71	70	84	66	.762	.747	3.35	1.12	2.8	4.7	4.7
August	29.667	29.83	29.45	75.1	82.2	89.6	71.9	80.8	94	67	71	71	88	72	.754	.770	3.41	1.16	4.5	4.2	4.8
September	29.726	29.91	29.54	68.1	75.6	83.6	65.6	74.6	92	46	62	63	83	68	.582	.599	3.54	1.54	3.7	3.5	4.1
October	29.864	30.10	29.43	58.2	69.4	78.0	56.7	67.4	87	46	51	54	80	61	.391	.438	1.57	.96	2.8	1.6	2.6
November	29.912	30.22	29.65	46.8	57.2	64.9	45.0	55.0	81	34	41	46	83	67	.277	.319	2.14	1.01	4.0	2.1	3.6
December	29.811	30.40	29.29	40.0	48.0	53.8	36.5	45.2	76	13	35	36	82	66	.235	.254	9.97	3.29	6.6	5.0	6.0
Year	29.760	30.40	29.16	58.1	67.3	74.1	55.2	64.6	100	13	51	52	79	61	.436	.445	57.57	7.03	4.4	4.1	4.5

WALLA WALLA, WASH.

[λ=46° 02′ N.; φ=118° 20′ W.]

January	29.007	29.47	28.51	31.5	35.2	37.7	28.4	33.0	59	11	30	32	93	89	.167	.183	2.11	.62	5.7	6.3	7.5
February	29.012	29.31	28.56	33.6	41.7	44.6	30.5	37.6	69	17	33	39	95	90	.195	.248	2.16	.76	5.2	5.2	5.3
March	29.020	29.55	28.48	40.1	52.2	55.0	37.7	46.4	70	29	38	45	91	78	.230	.307	1.29	.45	4.9	6.1	4.8
April	28.964	29.26	28.53	42.9	57.8	60.3	40.3	50.3	70	30	39	45	87	65	.246	.307	.67	.23	4.9	4.9	4.6
May	28.889	29.29	28.57	50.9	69.9	71.3	48.9	60.1	85	35	45	51	80	55	.302	.391	1.52	.49	5.0	5.4	4.5
June	28.925	29.11	28.66	52.4	70.0	72.4	50.4	61.4	90	40	46	48	79	49	.313	.344	.97	.28	5.6	4.8	4.4
July	28.866	29.07	28.59	59.7	84.3	85.7	58.4	72.0	98	49	50	54	70	37	.359	.439	.23	.14	1.7	1.6	2.1
August	28.866	29.03	28.67	65.2	89.9	91.8	63.5	77.6	102	54	53	60	65	38	.404	.528	.01	.01	2.9	2.4	2.8
September	28.893	29.22	28.39	51.4	66.4	69.0	48.7	58.8	82	39	46	51	81	61	.311	.386	1.88	.52	5.1	4.5	4.4
October	28.907	29.38	28.55	51.2	66.6	70.6	48.3	59.4	78	43	45	53	81	62	.305	.403	.38	.28	2.6	3.1	2.9
November	29.003	29.32	28.68	42.3	49.0	53.4	38.1	45.8	70	29	38	43	88	83	.238	.286	1.19	.43	5.8	6.5	6.1
December	29.140	29.57	28.38	36.1	39.0	42.6	32.4	37.5	59	23	34	36	92	89	.200	.216	2.11	.63	5.1	6.3	6.6
Year	28.965	29.57	28.38	46.4	60.2	62.9	43.8	53.3	102	11	41	46	84	66	.272	.336	14.52	.76	4.5	4.8	4.7

WASHINGTON, D.C.

[λ=38° 54′ N.; φ=77° 03′ W.]

January	29.918	30.63	29.19	31.0	35.6	41.7	27.1	34.4	66	13	23	26	72	65	.130	.145	2.92	1.60	5.9	4.2	5.7
February	29.868	30.26	29.46	24.9	31.6	37.9	21.6	29.8	57	13	14	15	60	49	.083	.087	.62	.47	3.4	3.4	3.9
March	29.811	30.27	29.25	39.8	46.9	54.9	35.2	45.0	75	11	32	32	72	60	.189	.207	2.64	.95	4.8	4.5	6.1
April	29.825	30.36	28.98	47.8	52.7	58.6	42.5	50.6	87	36	38	38	70	63	.234	.238	6.84	2.38	5.7	6.4	5.8
May	29.744	30.06	29.44	59.0	64.6	72.1	52.9	62.5	84	42	52	54	80	70	.402	.427	2.81	.87	7.4	5.4	6.3
June	29.878	30.10	29.66	69.9	74.2	82.8	61.9	72.4	98	52	62	64	78	72	.578	.612	4.66	1.55	3.6	4.7	3.9
July	29.841	30.06	29.68	77.2	79.1	89.2	70.4	79.8	102	64	70	71	80	78	.741	.764	5.17	2.05	4.6	5.7	4.5
August	29.898	30.07	29.75	73.1	76.7	88.9	68.2	76.0	91	59	68	70	85	80	.694	.727	4.12	1.61	5.6	4.7	5.1
September	29.949	30.36	29.56	64.1	67.2	77.4	57.3	67.4	92	43	59	61	84	82	.519	.551	1.61	.59	4.1	3.5	4.9
October	30.056	30.48	29.55	50.3	55.3	67.6	48.6	55.6	85	32	44	45	79	70	.300	.313	.97	.59	3.3	1.8	3.1
November	29.951	30.36	29.26	36.7	42.0	49.5	31.7	40.6	69	20	27	28	69	58	.155	.161	2.33	2.05	4.3	3.2	5.4
December	29.976	30.41	29.41	29.9	35.0	43.3	26.2	34.8	66	7	24	27	78	72	.144	.167	7.56	2.63	4.5	3.6	5.1
Year	29.893	30.63	28.98	50.3	55.1	63.2	44.9	54.1	102	7	43	44	76	68	.347	.367	41.75	2.63	4.8	4.3	5.0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

VALENTINE, NEBR.

[H=2,598 ft.; h_t=39 ft.; h_r=30 ft.; h_a=40 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Aurora.
	Miles.		*Mi.*																								
January	10.5	NW.	58	NW.	3	8	2	1	3	3	13	10	22	0	16	10	5	1	1	1	0	0	9	0	31	0	0
February	9.2	NW.	54	NW.	1	10	2	3	1	1	5	15	18	1	13	8	7	4	3	4	0	0	15	0	27	0	0
March	13.3	NW.	47	NW.	6	11	8	2	1	3	3	10	24	0	10	13	8	8	5	7	0	0	5	0	29	0	0
April	13.0	S.	34	SE.	0	13	3	6	10	18	5	3	2	0	13	8	9	11	9	1	0	0	0	0	10	1	0
May	10.0	SE.	45	NW.	2	11	5	6	20	8	6	2	3	1	18	9	4	5	4	0	1	0	0	0	1	3	0
June	10.6	S.	42	W.	2	10	2	9	7	10	6	8	8	0	13	10	7	12	10	0	2	0	0	3	0	17	0
July	10.3	S.	46	S.	3	5	6	10	8	16	7	4	4	2	22	8	1	10	6	0	0	0	0	21	0	11	0
August	9.5	S.	38	N.	0	8	7	12	11	11	4	3	5	1	16	13	2	13	11	0	0	0	0	10	0	12	0
September	11.3	NW.	36	S.	0	8	7	6	6	12	8	4	9	0	14	12	4	8	5	0	0	0	0	1	2	7	0
October	8.7	NW.	38	S.	0	7	2	1	7	10	9	12	14	0	17	7	7	7	5	1	0	0	0	0	7	0	0
November	9.5	W.	49	NW.	2	10	2	5	6	3	11	16	7	0	20	5	5	2	0	2	0	1	0	0	25	0	0
December	9.4	NW.	42	NW.	1	8	6	4	1	2	5	19	17	0	9	13	9	8	6	8	0	0	11	0	30	0	0
Year	10.4	NW.	58	NW.	20	109	52	65	81	97	82	106	133	5	181	116	68	89	65	24	3	1	40	35	162	51	0

VICKSBURG, MISS.

[H=247 ft.; h_t=62 ft.; h_r=58 ft.; h_a=74 ft.]

January	7.6	N.	40	NW.	1	10	8	3	15	6	6	6	8	0	13	8	10	8	7	0	0	1	0	0	3	1	0
February	7.3	NE.	42	NW.	1	9	16	7	7	8	3	3	3	0	8	6	14	10	9	1	0	1	0	0	4	2	0
March	10.9	S.	36	S.	0	7	4	2	9	20	4	6	9	1	13	11	7	8	5	0	1	0	0	0	2	5	0
April	8.4	E.	36	NW.	0	8	7	12	12	3	3	3	11	1	15	9	6	7	7	0	0	0	0	0	0	1	0
May	5.9	SW.	31	NW.	0	3	3	10	10	9	16	9	2	0	9	12	10	8	4	0	0	0	0	0	0	5	0
June	5.1	SE.	37	E.	0	2	10	11	14	7	7	4	3	2	11	17	2	10	9	0	0	0	0	19	0	10	0
July	4.5	SW.	37	E.	0	4	9	3	8	9	12	7	8	2	10	15	6	9	9	0	1	0	0	23	0	12	0
August	5.0	SW.	23	E.	0	6	7	10	10	6	12	3	6	2	10	14	7	11	9	0	0	0	0	16	0	7	0
September	6.1	E.	19	W.	0	6	16	24	4	5	2	1	2	0	15	10	5	6	6	0	0	1	0	5	0	2	0
October	5.5	E.	20	SW.	0	10	15	19	9	0	1	3	5	0	22	5	4	4	3	0	0	0	0	0	0	0	0
November	6.3	SE.	22	N.	0	11	11	11	13	5	1	2	6	0	14	11	5	5	5	0	0	1	0	0	0	2	0
December	9.0	SE.	31	NW.	0	13	8	3	16	8	4	1	9	0	8	9	14	11	9	0	0	0	3	0	10	2	0
Year	6.8	SE.	42	NW.	2	89	114	115	127	86	71	48	72	8	148	127	90	97	82	1	2	4	8	63	19	49	0

WALLA WALLA, WASH.

[H=1,000 ft.; h_t=65 ft.; h_r=56 ft.; h_a=73 ft.]

January	5.4	S.	30	S.	0	2	2	2	6	34	9	5	2	0	2	6	23	10	9	6	0	7	10	0	20	0	0
February	5.0	S.	32	SW.	0	3	0	1	8	34	8	2	0	0	10	9	9	13	13	3	0	3	1	0	18	0	0
March	7.3	S.	32	W.	0	3	0	2	2	30	14	10	1	0	8	22	1	8	7	0	3	0	0	0	4	0	0
April	6.6	S.	27	S.	0	6	2	2	5	29	13	2	1	0	11	15	4	7	4	1	0	0	0	0	3	0	0
May	5.5	S.	24	SW.	0	5	5	1	6	28	13	3	1	0	13	16	2	9	8	0	1	0	0	0	0	1	0
June	6.9	S.	25	SW.	0	8	1	1	2	25	15	8	0	0	10	19	1	12	8	0	2	0	0	2	0	2	0
July	5.9	S.	18	S.	0	3	4	0	1	28	16	7	3	0	25	5	1	2	2	0	0	0	0	10	0	2	0
August	5.0	S.	24	SW.	0	13	2	2	6	20	5	9	5	0	19	12	0	1	0	0	0	0	0	19	0	0	0
September	5.0	S.	30	SW.	0	3	0	6	2	28	10	8	3	0	12	18	5	11	10	0	0	0	0	0	0	1	0
October	4.2	S.	27	SW.	0	0	1	12	5	22	13	6	3	0	23	5	3	5	3	0	0	0	0	0	0	0	0
November	5.3	S.	28	W.	0	2	4	2	5	28	13	6	0	0	4	17	9	11	6	0	0	3	0	0	6	0	0
December	5.3	S.	40	SW.	1	1	1	5	5	32	15	3	0	0	5	11	15	14	9	2	0	6	5	0	15	0	0
Year	5.6	S.	40	SW.	1	49	22	36	53	338	144	69	19	0	142	150	73	103	79	12	6	19	16	31	66	6	0

WASHINGTON, D. C.

[H=112 ft.; h_t=59 ft.; h_r=42 ft.; h_a=76 ft.]

January	8.0	NW.	39	NW.	0	5	11	2	4	10	1	6	21	2	10	8	13	8	7	4	0	0	3	0	22	0	0
February	10.4	NW.	38	NW.	0	9	3	5	0	6	2	6	24	1	13	9	6	4	3	2	0	0	7	0	27	0	0
March	9.4	NW.	34	NW.	0	6	5	8	4	13	3	2	19	2	7	11	13	9	8	1	0	3	1	0	8	1	0
April	10.4	NW.	36	NW.	0	12	7	10	6	5	0	3	17	0	12	2	16	13	10	0	0	0	0	0	0	0	0
May	6.6	NW.	28	NW.	0	2	11	10	9	14	2	0	14	0	10	5	16	13	9	0	0	0	0	0	4	0	0
June	5.4	S.	30	N.	0	4	8	2	7	18	8	6	7	0	18	6	6	9	8	0	1	0	0	4	0	6	0
July	5.3	S.	28	NW.	0	4	9	3	3	19	9	1	12	2	12	12	7	12	9	0	0	0	0	16	0	16	0
August	5.0	S.	20	SW.	0	8	8	6	8	19	6	0	7	0	11	11	9	10	9	0	0	0	0	3	0	6	0
September	6.0	NE.	30	NW.	0	9	17	3	4	15	4	1	6	1	11	14	5	11	7	0	0	0	0	1	0	5	0
October	5.5	NW.	26	NW.	0	6	6	3	9	10	2	1	20	5	19	6	6	5	3	0	0	0	4	0	0	0	0
November	8.8	NW.	36	W.	0	7	3	2	0	7	2	14	24	1	11	8	11	4	3	1	0	0	1	0	18	0	0
December	7.7	NW.	38	NW.	0	7	6	3	3	12	1	2	24	4	14	4	13	12	10	2	0	1	9	0	22	0	0
Year	7.3	NW.	39	NW.	0	79	94	57	57	148	40	42	195	18	148	96	121	110	86	10	1	9	20	24	97	38	0

a By eye observations, when there is no self-register at the station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

WICHITA, KANS.

[λ=37° 41′ N.; φ=97° 20′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	28.663	29.07	28.25	27.6	38.3	45.4	24.9	35.2	67	3	20	23	73	54	.111	.127	.25	.25	4.3	2.7	4.3
February	28.682	29.13	28.09	25.3	33.1	40.2	22.0	31.1	67	3	20	23	79	64	.114	.129	1.29	.66	5.4	4.3	5.8
March	28.469	29.08	27.95	34.8	48.2	56.0	32.8	44.4	83	13	25	28	67	50	.139	.161	1.52	1.24	3.5	4.2	4.2
April	28.597	28.90	27.93	47.2	58.0	64.5	44.2	54.4	90	30	40	41	76	57	.257	.270	5.83	1.67	5.4	4.5	5.1
May	28.496	28.95	28.14	57.4	69.4	77.3	53.4	65.4	86	40	48	47	73	48	.347	.342	1.40	.57	2.4	2.9	3.4
June	28.471	28.72	28.20	71.1	83.8	90.5	66.9	78.7	100	52	60	57	70	43	.535	.487	3.16	1.27	2.9	2.3	2.8
July	28.532	28.70	28.24	76.5	90.2	98.0	72.9	85.4	104	64	64	58	66	39	.598	.511	3.44	2.41	2.8	2.5	3.2
August	28.572	28.74	28.38	71.5	85.5	92.7	68.5	80.6	104	59	62	58	72	42	.556	.498	2.00	1.63	3.5	2.0	3.1
September	28.565	28.87	28.22	62.6	78.2	81.0	59.8	70.4	93	36	56	55	78	56	.460	.446	3.04	1.66	3.5	3.5	4.4
October	28.682	28.99	28.44	54.0	64.3	72.6	52.0	62.3	88	34	48	49	79	59	.338	.356	3.86	2.54	4.0	2.3	3.9
November	28.718	29.08	28.30	38.8	50.5	58.2	36.8	47.5	71	26	33	36	78	58	.196	.222	1.16	1.13	3.2	3.3	3.9
December	28.623	29.20	28.14	26.3	34.4	41.9	23.4	32.6	64	— 6	20	24	78	66	.119	.134	.52	.25	4.6	4.2	4.5
Year	28.589	29.20	27.93	49.4	60.7	68.2	46.5	57.3	104	— 6	41	42	74	53	.314	.307	27.47	2.54	3.8	3.2	4.0

WILLEMSTAD, CURAÇAO, WEST INDIES.

[λ=12° 06′ N.; φ=68° 56′ W.]

January	29.820	29.99	29.71	78.6	77.0	83.1	74.2	78.6	85	70	71	71	79	83	.762	.765	2.23	.81	5.0	1.7	4.2
February	29.845	29.96	29.77	79.1	77.5	84.2	74.8	79.5	86	71	69	70	72	78	.718	.725	.21	.14	5.5	0.9	4.0
March	29.840	29.94	29.77	79.4	77.8	84.4	75.0	79.7	86	70	70	70	72	77	.720	.731	.36	.28	6.7	2.0	4.0
April	29.788	29.92	29.70	80.5	78.5	85.2	76.2	80.7	87	74	70	71	71	79	.740	.764	.00	.00	7.3	3.3	5.3
May	29.771	29.89	29.70	81.9	80.1	86.8	78.2	82.5	90	75	74	74	77	82	.841	.843	.11	.09	6.8	3.2	5.5
June	29.794	29.89	29.72	82.9	81.0	87.4	78.6	83.0	90	75	74	74	75	80	.841	.841	.21	.06	6.5	2.8	5.4
July	29.778	29.91	29.71	81.8	81.0	87.3	77.3	82.3	90	72	74	74	79	81	.854	.846	3.23	1.57	6.5	3.4	4.9
August	29.787	29.89	29.68	81.3	80.9	87.3	77.5	82.4	90	73	74	74	79	81	.840	.848	1.55	.71	7.1	3.4	5.2
September	29.769	29.88	29.72	82.7	81.8	87.8	78.2	83.0	90	74	75	76	77	80	.856	.858	2.24	1.17	6.5	3.0	4.7
October	29.728	29.84	29.62	82.8	81.4	87.2	77.5	82.4	90	70	75	75	77	82	.860	.869	3.93	.94	6.8	3.4	5.5
November	29.762	29.89	29.64	80.5	80.0	84.6	75.5	80.0	87	70	74	74	81	83	.846	.850	7.26	2.07	6.8	3.5	5.9
December	29.778	29.87	29.71	79.7	78.4	83.5	75.3	79.4	87	71	73	72	79	82	.804	.797	3.80	.86	6.0	2.3	6.0
Year	29.788	29.99	29.62	80.9	79.6	85.7	76.5	81.1	90	70	73	73	76	81	.807	.811	25.13	2.07	6.5	2.7	5.0

WILLISTON, N. DAK.

[λ=48° 09′ N.; φ=103° 35′ W.]

January	27.985	28.58	27.40	7.8	12.4	20.6	1.3	11.0	43	−23	3	9	80	83	.063	.081	.54	.18	3.6	4.3	4.0
February	28.116	28.63	27.39	3.7	12.0	18.5	−0.6	9.0	51	−21	−1	8	78	83	.045	.073	.34	.14	4.0	4.2	3.8
March	27.953	28.54	27.45	23.3	33.6	39.9	20.4	30.2	60	− 7	20	28	84	79	.113	.158	.26	.11	4.4	5.5	4.5
April	28.015	28.36	27.46	35.4	52.6	56.6	32.9	44.8	91	12	32	37	86	60	.187	.228	.46	.16	4.9	4.7	5.0
May	27.931	28.59	27.59	54.0	72.9	78.6	49.5	64.0	98	25	43	43	67	39	.287	.286	.71	.30	2.1	3.5	3.2
June	27.872	28.14	27.54	53.1	65.4	70.2	49.3	59.8	84	34	49	51	86	63	.361	.394	8.84	2.84	5.7	5.2	5.2
July	27.929	28.15	27.73	62.8	80.3	83.5	59.5	71.5	99	47	59	65	86	61	.499	.629	2.71	.87	3.9	2.4	3.6
August	28.033	28.33	27.73	55.7	77.6	82.2	52.5	67.4	99	39	50	54	82	45	.365	.425	.74	.65	3.4	2.6	3.4
September	27.962	28.40	27.37	43.6	56.1	62.3	40.5	51.4	99	27	40	45	88	67	.268	.310	1.77	.31	7.3	5.8	6.3
October	28.030	28.32	27.47	37.0	52.5	63.2	33.8	48.5	80	20	34	42	89	68	.203	.274	.14	.07	2.9	3.1	3.6
November	28.063	28.56	27.52	19.6	29.2	36.7	14.8	25.8	58	0	17	26	87	87	.093	.139	1.02	.93	3.3	2.2	3.9
December	27.989	28.51	27.46	14.8	18.0	24.8	6.6	15.7	45	−28	11	16	84	84	.086	.101	.83	.40	6.1	3.6	5.5
Year	27.990	28.63	27.37	34.2	46.9	53.1	30.0	41.6	99	−28	30	35	83	68	.214	.258	18.36	2.84	4.3	3.9	4.3

WILMINGTON, N. C.

[λ=34° 14′ N.; φ=77° 57′ W.]

January	29.989	30.68	29.31	40.2	46.2	54.6	37.1	45.8	73	25	34	39	78	76	.217	.252	2.48	.89	4.9	4.0	5.1
February	29.937	30.30	29.56	35.7	43.2	51.0	33.9	42.4	72	18	27	31	70	64	.156	.184	3.21	.90	3.7	2.8	3.5
March	29.923	30.43	29.39	49.8	55.1	64.3	45.4	54.8	77	21	42	45	76	71	.308	.323	3.98	1.47	4.6	3.5	4.4
April	29.866	30.28	29.32	52.1	57.9	65.0	46.8	55.9	75	39	42	46	71	67	.282	.319	2.00	.86	3.6	3.8	4.4
May	29.766	30.06	29.46	66.7	68.5	79.2	61.7	70.4	94	52	62	62	84	80	.557	.562	6.18	1.50	5.4	3.6	4.9
June	29.937	30.14	29.74	73.6	75.5	83.9	68.1	76.0	93	61	69	69	84	82	.702	.725	7.27	3.14	5.3	5.5	5.2
July	29.916	30.10	29.53	77.6	78.5	86.4	72.9	79.6	95	66	73	73	86	84	.811	.815	8.25	2.78	5.2	5.8	5.3
August	29.955	30.07	29.82	76.7	78.0	85.3	71.9	78.6	89	68	72	73	87	85	.797	.808	6.82	1.12	4.8	4.6	5.6
September	29.951	30.16	29.70	70.6	73.8	82.0	67.0	74.5	92	55	67	68	88	83	.669	.696	5.38	2.13	5.0	5.4	5.7
October	30.070	30.36	29.62	57.7	63.8	73.2	54.3	63.8	82	43	52	55	82	74	.412	.453	2.69	2.31	3.2	2.0	3.1
November	30.028	30.38	29.56	41.9	49.4	58.6	38.8	48.7	78	26	35	36	75	61	.218	.231	1.16	.59	2.2	2.5	2.9
December	30.022	30.39	29.44	41.6	46.5	56.2	37.3	46.8	73	16	36	39	79	76	.247	.276	4.72	2.26	4.7	4.6	4.8
Year	29.947	30.68	29.31	57.0	61.4	70.0	52.9	61.4	95	16	51	53	80	75	.448	.470	54.14	3.14	4.4	4.2	4.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

WICHITA, KANS.

[H=1,358 ft.; h_1=78 ft.; h_r=71 ft.; h_a=85 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Aurora.
	Miles.		*Mi.*																								
January	8.6	N.	36	N.	0	21	4	0	6	13	6	0	12	0	16	6	9	1	1	1	0	0	4	0	26	0	0
February	9.1	N.	30	S.	0	17	10	3	7	7	2	1	9	0	9	7	12	5	4	3	0	2	8	0	24	0	0
March	13.7	N.	43	W.	2	15	3	5	2	15	8	3	11	0	14	10	7	6	4	1	1	0	1	0	17	1	0
April	10.3	SE.	52	NW.	1	10	2	6	19	16	1	0	6	0	11	7	12	11	10	3	0	0	0	0	3	4	0
May	7.8	N.	32	N.	0	13	10	7	7	12	4	2	6	1	16	11	4	8	5	0	0	1	0	0	0	6	0
June	10.6	S.	36	S.	0	3	3	2	8	42	1	0	1	0	20	6	4	5	5	0	0	0	0	17	0	7	0
July	7.4	S.	24	S.	0	1	4	5	11	36	1	3	1	0	21	6	4	7	7	0	0	0	0	29	0	9	0
August	5.5	NE.	27	N.	0	1	18	10	15	13	3	0	2	0	16	13	2	6	4	0	0	0	0	25	0	6	0
September	8.4	S.	28	S.	0	9	8	3	7	29	3	0	1	0	14	9	7	9	8	0	1	0	0	3	0	7	0
October	8.1	S.	32	S.	0	7	7	4	7	32	1	0	4	0	15	11	5	8	5	0	0	0	0	0	0	4	0
November	8.2	S.	30	N.	0	9	5	3	11	21	4	1	6	0	15	8	7	3	2	0	0	0	0	0	6	0	0
December	10.0	N.	34	NW.	0	23	3	2	4	13	4	1	12	0	16	6	9	7	5	3	0	2	6	0	24	0	0
Year	9.0	S.	52	NW.	3	129	77	50	104	249	38	11	71	1	183	100	82	76	60	11	4	5	19	74	100	44	0

WILLEMSTAD, CURAÇAO, WEST INDIES.

[H=75 ft.; h_1=39 ft.; h_r=32 ft.; h_a=46 ft.]

January	10.3	E.	27	E.	0	0	6	53	3	0	0	0	0	0	12	16	3	10	9	0	0	0	0	0	0	0	0
February	11.3	E.	27	E.	0	0	3	49	4	0	0	0	0	0	15	10	3	3	2	0	0	0	0	0	0	0	0
March	12.9	E.	24	E.	0	0	3	59	0	0	0	0	0	0	17	10	4	5	1	0	0	0	0	0	0	0	0
April	12.7	E.	27	E.	0	0	2	53	5	0	0	0	0	0	6	18	6	0	0	0	0	0	0	0	0	0	0
May	12.4	E.	24	E.	0	0	2	57	3	0	0	0	0	0	4	23	4	2	1	0	0	0	0	0	0	1	0
June	13.9	E.	26	NE.	0	0	4	49	7	0	0	0	0	0	5	19	6	10	2	0	0	0	0	0	0	2	0
July	12.0	E.	27	E.	0	0	7	45	8	2	0	0	0	0	8	19	4	11	8	0	0	0	0	1	0	7	0
August	11.4	E.	24	E.	0	0	10	39	9	2	1	0	1	0	6	22	3	9	7	0	0	0	0	0	0	3	0
September	9.8	E.	22	E.	0	1	7	35	13	3	0	1	0	0	6	22	2	10	8	0	0	0	0	0	0	4	0
October	6.5	E.	27	SW.	0	5	8	33	10	3	2	1	0	0	4	21	6	13	11	0	0	0	0	0	0	11	0
November	6.9	E.	21	E.	0	0	19	30	2	1	2	0	6	0	5	17	8	20	14	0	0	0	0	0	0	5	0
December	9.4	E.	23	E.	0	1	8	49	3	0	0	0	0	1	1	25	5	19	14	0	0	0	0	0	0	1	0
Year	10.8	E.	27	E.	0	7	79	551	67	11	5	2	7	1	89	222	54	112	77	0	0	0	0	1	0	34	0

WILLISTON, N. DAK.

[H=1,875 ft.; h_1=15 ft.; h_r=2 ft.; h_a=31 ft.]

January	9.8	W.	60	N.	4	10	1	6	3	7	10	13	12	0	18	11	2	10	4	10	0	0	20	0	31	0	0
February	8.8	NW.	60	NW.	1	13	1	0	1	5	4	16	16	0	18	8	2	8	4	7	0	0	20	0	28	0	0
March	10.0	N.	48	NW.	2	17	5	3	8	11	4	5	9	0	19	8	4	7	3	6	0	0	4	0	28	0	0
April	10.5	S.	42	NW.	1	13	2	5	12	21	0	0	7	0	13	12	5	5	4	1	0	0	0	1	13	1	0
May	12.2	S.	48	NW.	2	10	4	8	14	19	1	2	4	0	26	3	2	6	3	0	0	0	0	6	3	4	0
June	9.9	W.	60	W.	2	12	9	3	3	2	5	17	9	0	12	12	6	20	18	0	3	0	0	0	0	4	0
July	8.9	E.	48	W.	1	12	5	13	9	13	1	3	6	0	25	4	2	13	12	0	0	0	0	7	0	7	0
August	7.0	N.	36	NE.	0	25	6	5	8	2	3	6	7	0	23	7	1	4	2	0	0	0	0	5	0	3	0
September	10.0	NW.	48	NW.	1	12	1	10	5	9	1	9	12	1	6	13	11	16	11	0	0	1	0	1	8	4	0
October	8.2	SW.	36	NW.	0	12	0	4	7	7	12	10	10	0	21	8	2	3	2	0	0	0	0	0	8	0	0
November	6.7	NW.	38	NW.	0	4	3	3	12	7	11	6	14	0	21	8	1	3	3	2	0	0	7	0	30	0	0
December	9.4	NW.	42	W.	1	10	1	3	6	4	10	12	16	0	11	10	10	11	6	11	0	0	20	0	31	0	0
Year	9.3	NW.	60	N.	15	150	38	63	88	107	62	99	122	1	213	104	48	106	72	37	3	1	71	20	180	23	0

WILMINGTON, N. C.

[H=78 ft.; h_1=82 ft.; h_r=76 ft.; h_a=90 ft.]

January	9.7	N.	42	NW.	1	8	11	3	1	7	6	12	14	0	11	10	10	10	7	6	0	1	0	0	7	0	0
February	8.4	NW.	35	W.	0	10	5	2	4	1	6	12	16	0	16	8	4	8	8	2	0	0	0	0	13	0	0
March	10.6	SW.	40	W.	1	3	1	1	2	13	21	12	9	0	14	10	7	8	5	0	0	0	0	0	3	4	0
April	10.9	W.	36	S.	0	10	5	6	6	2	2	15	14	0	14	9	7	6	6	0	0	0	0	0	0	3	0
May	8.3	SW.	35	E.	0	2	3	11	6	15	14	8	8	0	7	18	6	15	14	0	0	0	1	0	1	11	0
June	7.2	S.	38	NW.	0	4	4	5	9	17	10	11	0	0	9	13	8	8	7	0	0	1	0	2	0	5	0
July	8.4	SW.	30	S.	0	3	2	1	5	9	33	7	2	0	8	11	12	12	10	0	0	0	0	10	0	9	0
August	6.4	S.	29	SW.	0	0	6	5	10	25	13	2	1	0	5	16	10	17	16	0	0	0	0	0	0	6	0
September	8.7	NE.	32	S.	0	6	19	4	3	9	9	7	3	0	7	13	10	8	8	0	0	0	0	2	0	2	0
October	7.4	NE.	23	NE.	0	17	19	8	4	3	7	2	2	0	17	12	2	5	4	0	0	1	0	0	0	1	0
November	7.9	NW.	34	W.	0	14	8	3	2	3	3	12	15	0	26	5	5	4	4	0	0	0	0	0	8	1	0
December	9.4	N.	41	W.	1	11	8	4	7	10	4	10	8	0	12	8	11	14	9	2	0	3	2	0	12	1	0
Year	8.6	SW.	42	NW.	3	88	91	53	59	114	128	110	87	0	140	133	92	115	98	4	0	7	2	15	43	43	0

a By eye observations when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

WINNEMUCCA, NEV.

[λ=40° 58′ N.; φ=117° 43′ W.]

Month	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	25.700	26.09	25.27	28.5	36.9	40.9	23.3	32.1	53	− 5	21	24	74	61	.119	.134	1.31	.46	5.1	6.5	6.5
February	25.664	26.14	25.22	27.1	38.1	41.6	22.0	31.8	65	− 5	22	30	82	74	.135	.173	1.87	.41	6.1	8.1	7.9
March	25.707	26.09	25.23	31.4	48.6	50.8	26.6	38.7	65	17	22	21	68	35	.119	.114	.16	.10	4.6	5.8	6.1
April	25.634	25.85	25.16	32.3	55.1	57.6	28.4	43.0	70	12	20	21	61	29	.112	.114	.78	.68	4.4	7.2	6.4
May	25.587	25.87	25.29	44.9	67.8	70.3	40.1	55.2	82	29	35	30	70	26	.206	.172	.73	.51	5.7	6.3	6.6
June	25.549	25.77	25.36	48.4	72.7	74.6	44.3	59.4	90	31	32	28	54	19	.183	.153	.05	.03	3.5	5.4	4.1
July	25.548	25.70	25.31	58.1	88.2	90.3	52.9	71.6	99	37	31	33	37	14	.180	.193	T.	T.	1.7	1.2	1.6
August	25.623	25.74	25.50	58.2	85.6	87.4	53.6	70.5	95	42	40	39	55	22	.276	.258	1.16	.59	2.8	4.0	3.8
September	25.547	25.76	25.19	43.5	70.6	72.4	38.1	55.2	89	27	27	31	53	26	.146	.177	.19	.13	2.9	2.8	2.8
October	25.702	25.97	25.38	42.4	62.4	66.5	37.3	51.9	79	28	34	37	72	44	.197	.226	1.28	.65	3.5	5.5	4.6
November	25.708	25.95	25.37	33.7	49.3	55.2	28.0	41.6	64	17	25	31	71	50	.144	.171	.33	.11	4.7	7.0	6.0
December	25.771	26.17	25.31	25.7	38.6	44.5	20.7	32.6	61	6	19	26	76	61	.108	.147	.87	.65	4.4	5.7	4.9
Year	25.645	26.17	25.16	39.5	59.4	62.7	34.6	48.6	99	− 5	27	29	64	38	.160	.169	8.73	.68	4.1	5.5	5.1

YANKTON, S. DAK.[a]

[λ=42° 54′ N.; φ=97° 28′ W.]

January	28.763	29.17	28.12	17.6	.....	35.6	14.0	24.8	60	− 6	11	.....	74	.....	.074	.....	.24	.16	5.7	.....	4.1
February	28.833	29.30	28.34	11.8	.....	31.1	8.6	19.8	52	−10	7	.....	80	.....	.060	.....	.61	.50	4.2	.....	3.5
March	28.583	29.19	28.14	27.6	.....	46.7	25.4	36.0	79	1	24	.....	84	.....	.135	.....	.64	.20	5.9	.....	4.6
April	28.781	29.17	28.37	41.2	.....	62.2	40.4	51.3	89	27	38	.....	88	.....	.238	.....	2.25	.76	5.0	.....	4.5
May	28.654	29.31	28.31	53.9	.....	73.0	49.9	61.4	88	35	50	.....	85	.....	.366	.....	2.45	1.12	3.5	.....	4.0
June	28.561	28.96	28.28	63.6	.....	80.7	59.6	70.2	97	38	59	.....	84	.....	.505	.....	6.84	1.44	5.4	.....	4.1
July	28.612	28.90	28.25	73.9	.....	95.6	69.5	82.6	104	60	64	.....	73	.....	.604	.....	.84	.50	2.9	.....	2.5
August	28.732	28.93	28.51	65.6	.....	87.4	63.4	75.4	105	54	59	.....	81	.....	.506	.....	2.55	.90	2.9	.....	2.4
September	28.671	29.04	28.13	54.1	.....	72.4	52.0	62.2	92	30	48	.....	82	.....	.354	.....	7.44	2.28	3.9	.....	4.4
October	28.782	29.06	28.44	46.1	.....	67.0	44.0	55.5	84	34	41	.....	82	.....	.263	.....	.78	.40	3.7	.....	4.2
November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

YUMA, ARIZ.

[λ=32° 45′ N.; φ=114° 36′ W.]

January	29.907	30.15	29.65	48.3	65.6	67.5	41.9	54.7	77	25	26	30	44	28	.158	.182	.12	.06	1.4	3.6	2.7
February	29.825	30.20	29.38	52.8	69.3	70.1	49.0	59.8	88	31	39	38	63	35	.248	.231	3.01	2.52	2.0	2.9	2.0
March	29.791	30.06	29.48	54.2	76.1	79.1	50.2	64.6	89	41	33	30	48	21	.197	.177	.30	.30	0.8	1.7	1.1
April	29.729	29.91	29.50	54.0	82.0	84.3	50.8	67.6	96	38	38	28	56	16	.234	.164	T.	T.	0.7	1.3	1.1
May	29.630	29.81	29.44	61.2	87.8	90.1	58.8	74.4	100	49	46	38	60	18	.320	.230	T.	T.	0.4	0.9	0.9
June	29.579	29.73	29.33	68.4	96.1	98.9	67.1	83.0	112	59	52	39	56	15	.393	.249	.00	.00	0.1	0.2	0.1
July	29.595	29.69	29.38	79.8	101.9	105.3	78.2	91.8	114	71	62	60	57	27	.568	.536	T.	T.	1.5	0.3	1.0
August	29.628	29.74	29.51	79.3	100.1	103.9	77.2	90.6	110	67	67	61	67	29	.672	.551	.22	.14	1.6	1.0	1.0
September	29.581	29.70	29.42	66.8	94.6	98.5	64.7	81.6	106	52	53	48	64	22	.428	.360	.00	.00	0.0	0.0	0.0
October	29.730	29.87	29.50	62.0	85.2	90.0	58.9	74.4	99	47	47	45	60	26	.331	.310	T.	T.	0.3	1.3	1.0
November	29.853	29.97	29.71	53.8	75.2	81.4	50.2	65.8	87	42	36	40	53	30	.216	.257	.00	.00	0.6	1.7	1.5
December	29.912	30.26	29.59	46.7	65.3	70.6	42.9	58.6	83	24	20	22	36	19	.111	.125	.00	.00	0.3	0.4	0.6
Year	29.727	30.26	29.33	60.6	83.3	86.7	57.5	72.1	114	24	43	40	55	24	.323	.281	3.65	2.52	0.8	1.3	1.1

[a] 8 a. m. observation.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1901—Continued.

WINNEMUCCA, NEV.

[H=4,344 ft.; h_t=59 ft.; h_r=52 ft.; h_a=70 ft.]

Month.	Wind.														Number of days.												
	By self-registers.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.					Maximum temp.		Minimum temperature below 32°.	Electricity.	
	Average hourly velocity.	Prevailing direction. [a]	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.		Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	11.2	NE.	53	S.	3	8	14	5	1	7	11	12	0	4	8	9	14	9	7	6	0	1	4	0	25	0	0
February	9.9	SW.	36	SW.	0	7	6	9	1	6	17	10	0	0	4	3	21	16	10	9	0	0	7	0	19	1	0
March	10.6	SW.	54	SW.	2	8	10	8	0	7	13	7	8	1	9	8	14	4	3	3	0	0	0	0	24	0	0
April	10.9	SW.	59	SW.	3	4	12	3	0	2	16	13	8	2	8	6	16	3	2	1	0	0	0	0	21	0	0
May	8.7	SW.	36	W.	0	2	11	2	3	11	13	10	10	0	9	5	17	5	4	0	0	0	0	0	2	2	0
June	8.5	NE.	34	NW.	0	1	15	3	0	7	8	12	14	0	14	9	7	3	0	0	0	0	0	1	1	1	0
July	8.5	SW.	38	W.	0	2	9	1	2	4	20	18	5	1	24	6	1	0	0	0	0	0	0	18	0	0	0
August	7.4	W.	59	NW.	0	4	13	5	2	3	13	13	7	2	18	3	10	7	6	0	0	0	0	8	0	7	0
September	8.3	NE.	48	SW.	1	5	20	3	0	2	15	8	7	0	19	6	5	3	2	0	0	0	0	0	6	0	0
October	7.1	NE.	40	NW.	1	2	28	5	2	7	7	7	4	0	14	6	11	7	6	0	0	0	0	0	6	2	0
November	8.7	SW.	36	SW.	0	5	18	7	0	6	18	6	0	0	8	9	13	5	3	0	0	0	0	0	21	0	0
December	9.2	SW.	70	S.	1	4	15	5	0	7	19	8	4	0	15	4	12	6	5	2	0	0	3	0	25	0	0
Year	9.1	NE.	70	S.	11	52	171	56	11	69	170	124	67	10	150	74	141	68	48	21	0	1	14	27	150	13	0

YANKTON, S. DAK.

[H=1,233 ft.; h_t=52 ft.; h_r=45 ft.; h_a=58 ft.]

January	9.5	NW.	40	NW.	1	3	1	5	2	1	2	6	10	1	13	14	4	4	1	3	0	0	14	0	29	0	0
February	8.7	NW.	33	NW.	0	2	3	2	0	0	3	6	12	0	18	5	5	4	2	4	0	0	13	0	26	0	0
March	12.2	N.	42	N.	1	10	2	2	1	2	3	3	8	0	16	7	8	5	5	4	1	0	1	0	22	0	0
April	10.6	E.	50	S.	3	3	1	11	4	5	2	0	4	0	10	16	4	10	6	2	0	2	0	0	6	2	0
May	7.7	E.	42	N.	1	2	3	8	4	3	2	3	4	2	18	7	6	11	8	0	0	1	0	0	0	2	0
June	9.4	W.	44	N.	2	1	1	6	5	4	2	8	3	0	16	10	4	15	14	0	0	0	0	5	0	8	0
July	8.1	SW.	36	N.	0	2	2	7	1	6	7	5	1	0	26	5	0	4	4	0	2	0	0	23	0	4	0
August	6.4	E.	28	E.	0	6	1	8	2	2	1	4	7	0	23	8	0	5	5	0	0	0	0	0	0	1	0
September	9.5	E.	40	SE.	1	2	2	6	3	6	1	5	4	1	12	12	6	9	8	0	0	1	0	1	1	5	0
October	8.4	NW.	44	SE.	2	2	1	1	2	3	3	8	11	0	17	8	6	6	5	0	0	0	0	0	0	0	0
November																											
December																											
Year																											

YUMA, ARIZ.

[H=141 ft.; h_t=16 ft.; h_r=2 ft.; h_a=50 ft.]

January	6.3	N.	27	N.	0	22	10	5	5	5	4	5	6	0	21	5	5	2	2	0	0	0	0	0	3	0	0
February	8.0	N.	35	N.	0	15	6	7	5	10	1	7	5	0	20	5	3	5	3	0	0	0	0	0	1	0	0
March	8.5	N.	35	N.	0	18	7	4	3	5	7	13	5	0	27	4	0	1	1	0	0	0	0	0	0	0	0
April	6.6	W.	39	NW.	0	8	5	6	2	9	10	15	5	0	25	5	0	0	0	0	0	0	0	0	0	0	0
May	7.1	SW.	33	W.	0	3	4	7	1	15	16	12	4	0	27	3	1	0	0	0	0	0	0	0	0	0	0
June	6.6	S.	26	S.	0	0	2	3	5	18	16	10	6	0	30	0	0	0	0	0	0	0	0	0	0	0	0
July	6.9	SW.	25	S.	0	2	1	1	8	15	22	10	2	1	27	2	2	0	0	0	0	0	0	0	0	0	0
August	5.9	SW.	27	SE.	0	5	3	7	4	10	17	13	3	0	28	3	0	2	2	0	0	0	0	0	0	0	0
September	5.2	W.	23	S.	0	4	8	6	4	8	10	15	5	0	30	0	0	0	0	0	0	0	0	0	0	0	0
October	4.8	E.	26	N.	0	6	10	12	7	3	9	10	4	1	26	4	1	0	0	0	0	0	0	0	0	0	0
November	4.7	N.	23	N.	0	16	14	15	0	2	3	4	6	0	23	6	1	0	0	0	0	0	0	0	0	0	0
December	7.1	N.	42	N.	1	24	10	10	0	1	3	2	12	0	30	1	0	0	0	0	0	0	0	0	1	0	0
Year	6.5	N.	42	N.	1	123	80	83	44	101	118	116	63	2	314	38	13	10	8	0	0	0	0	165	5	2	0

[a] By eye observations when there is no self-register at station.

PART IV.

MONTHLY AND ANNUAL MEAN TEMPERATURE AND ANNUAL EXTREMES OF TEMPERATURE TOGETHER WITH THE DATES OF THE FIRST AND LAST KILLING FROSTS, 1901.

The monthly and annual averages given in the following tables are taken largely from the records of voluntary (unpaid) observers. The paid stations of the Weather Bureau are indicated by an asterisk (*). The records of voluntary observers are given as made; no attempt has been made to reduce them to a homogeneous system. About three-fourths of the voluntary observers have standard instruments, and a great majority are now supplied with standard shelters. The hours of observation at the regular stations of the Weather Bureau have already been described; the observing hours at voluntary stations vary greatly. The letters "*a*," "*b*," etc., following the name of a station have the following significance:

a=mean temperature computed by the formula $\frac{1}{4}$ (7+2+9+9).
b=mean temperature computed by the formula $\frac{1}{2}$ (8+8).
c=mean temperature computed by the formula $\frac{1}{2}$ (7+7).
d=mean temperature computed by the formula $\frac{1}{2}$ (6+6).
e=mean temperature computed by the formula $\frac{1}{2}$ (7+2).
f=from various hours reduced to true mean by special table.
g=mean temperature computed by the formula $\frac{1}{4}$ (midnight, sunrise, noon, and sunset).

The absence of a letter indicates that the mean has been made as follows: $\frac{\text{Mean max.} + \text{mean min.}}{2}$

The small roman letters in the body of the tables indicate the number of days missing from the records—thus "e" indicates three days missing, etc.

The dates of last killing frost in spring and first in autumn are given at the right of the table. Many observers, however, do not report dates of frost, and still others do not distinguish between light and killing frost. The date of the last and the first occurrence of a minimum temperature of 32° has been used in many cases where no frost reports were made. Data for stations so entered have been distinguished from regular frost reports by a dagger (†).

Bracketed values have been supplied by interpolation.

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MONTHLY AND ANNUAL MEAN TEMPERATURE, ANNUAL EXTREMES OF TEMPERATURE, AND DATES OF LAST KILLING FROST IN SPRING AND FIRST KILLING FROST IN AUTUMN, 1901.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
Alabama.																	
Ashville	43.2	40.8	52.0	55.0	67.7	76.8	81.7	76.3	69.0	58.8	45.2	38.6	58.8	103	4	Mar. 22	Oct. 15†
Bermuda	49.6	a49.6	a56.4	a59.6	73.0	79.9	83.4	80.2	75.2	65.1	c52.8	a42.7	64.0	108	12	Mar. 22	Nov. 16†
*Birmingham	48.6	45.0	56.1	60.8	69.8	80.1	83.1	78.9	72.2	64.2	49.8	43.0	62.6	104	5	Mar. 17	Nov. 5†
Camp Hill	48.0	44.2	55.0	58.4	71.4	78.0	.....	78.6	72.9	63.4	50.2	43.7	.....	.....	9	Mar. 22	Nov. 6
Citronelle	52.8	50.9	59.2	62.8	74.1	80.2	82.4	80.1	75.9	68.5	55.8	49.4	66.0	106	13	May 7	Nov. 16
Clanton	c46.4	44.0	53.8	57.5	69.2	76.9	80.2	77.2	70.6	61.1	47.7	c40.2	60.4	100	10	Mar. 17	Nov. 6†
Cordova	.....	.....	.....	.....	.....	.....	83.1	79.0	71.8	61.0	.....	.....	.....	.....	.....	.....	Nov. 5
Daphne	c52.8	51.4	60.2	c60.9	c73.6	c78.6	c82.2	c80.2	76.2	c68.0	c54.4	c47.9	65.5	104	12	Mar. 7	Nov. 16
*Decatur	43.0	38.9	51.0	56.2	68.4	79.2	84.5	77.7	68.6	59.0	46.1	40.2	59.4	107	1	Mar. 21	Nov. 16
Elba	49.2	c48.1	.....	60.4	.....	.....	.....	.....	.....	.....	49.4	c44.9	.....	.....	12	.....	Nov. 6
*Eufaula	47.2	45.4	54.7	59.2	73.2	79.8	82.9	79.9	73.7	63.1	49.5	45.2	62.8	103	12	Mar. 16	Nov. 16
Eutaw	47.4	44.2	53.8	59.6	71.0	80.8	84.0	80.5	74.4	65.0	49.5	41.0	62.6	106	9	Mar. 16	Nov. 15
*Evergreen	48.4	47.4	56.6	60.0	72.6	80.0	82.8	80.2	74.6	63.6	52.8	48.8	64.0	105	14	Mar. 6	Nov. 29
Flomaton	.....	.....	.....	.....	.....	.....	81.7	79.6	74.8	64.4	51.9	48.2	.....	.....	.....	.....	Nov. 6
*Florence	43.2	c39.7	53.7	56.6	67.1	78.0	.....	.....	c70.8	62.4	46.8	38.5	.....	.....	0	Mar. 21	Nov. 5†
*Fort Deposit	.....	.....	.....	58.8	72.4	78.8	82.8	79.6	73.6	64.0	50.8	43.2	.....	104	.....	.....	Nov. 16
*Gadsden	44.8	41.3	48.8	55.6	69.1	77.8	82.7	79.4	72.2	62.8	47.1	38.8	60.0	106	8	Mar. 23	Nov. 6†
*Goodwater	45.0	40.7	51.2	56.0	71.0	77.8	80.4	77.5	71.0	61.8	48.3	40.8	60.1	101	9	Mar. 22	Nov. 9
Greensboro	47.9	43.2	53.6	58.7	71.6	81.2	83.0	79.6	72.2	64.8	49.2	41.9	62.2	105	10	Mar. 17	Nov. 15†
Hamilton	43.4	38.4	50.5	54.1	.....	.....	.....	.....	.....	60.5	46.4	39.0	.....	.....	1	Apr. 4	Nov. 5†
Healing Springs	48.4	47.0	54.6	59.4	71.0	78.4	83.0	80.1	73.8	.....	.....	.....	.....	.....	.....	Mar. 23	.....
Highland Home	49.8	46.7	56.8	59.6	72.4	78.2	79.6	78.7	73.4	65.4	52.8	45.6	63.2	103	11	Mar. 17	Nov. 16†
*Livingston	46.8	43.0	53.0	58.3	70.3	80.6	83.5	80.6	73.0	61.6	.....	41.0	.....	105	9	Mar. 17	Nov. 16
*Lock No. 4	42.8	40.0	50.4	53.9	68.3	77.6	81.2	78.4	71.3	61.3	46.7	40.0	59.3	104	8	Mar. 23	Nov. 5
Madison Station	42.5	39.5	50.8	55.5	67.8	77.5	82.2	77.0	70.0	62.4	47.6	37.8	59.2	104	1	Mar. 21	Nov. 6
Maplegrove	40.6	38.6	48.8	53.4	67.3	76.6	81.6	76.5	69.3	58.6	45.2	37.1	57.8	104	5	Mar. 23	Oct. 14
*Marion	50.8	45.2	55.5	60.1	72.4	80.0	81.2	80.6	74.8	66.7	53.2	43.9	63.7	102	10	Mar. 17	Nov. 16
*Mobile	51.5	50.2	58.0	63.2	73.5	80.0	82.2	80.4	76.4	67.0	54.4	47.6	65.4	102	16	Mar. 6†	Nov. 17
*Montgomery	49.4	46.4	56.4	60.4	72.8	80.2	83.3	79.9	74.3	64.9	51.7	44.6	63.7	105	12	Mar. 7	Nov. 16
Mount Willing	49.8	46.7	.....	60.5	73.0	80.4	83.2	80.8	73.8	.....	.....	.....	.....	104	.....	.....	.....
Newbern	47.8	44.2	55.1	59.8	71.6	80.5	84.0	81.1	74.1	63.8	49.8	43.8	63.0	104	8	Apr. 20	Nov. 16
Newburg	.....	.....	.....	c56.8	68.2	.....	82.1	77.5	.....	.....	.....	38.2	.....	.....	.....	.....	.....
Oneonto	43.1	39.8	52.2	54.8	66.9	75.6	78.8	75.1	68.0	59.4	44.8	39.3	58.2	99	1	Mar. 22	Oct. 15
*Opelika	45.7	.....	a52.2	56.1	71.2	74.6	78.6	79.0	72.0	62.9	49.2	41.5	.....	99	.....	Mar. 17	Nov. 6
Oxanna	46.2	43.6	54.7	57.2	68.4	76.8	80.0	77.2	69.6	61.0	48.2	42.7	60.5	98	8	Mar. 21	Nov. 6
*Pineapple	49.9	45.8	53.8	59.6	72.8	79.4	83.2	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 17	.....
Prattville	49.5	45.6	55.0	58.4	70.2	78.0	81.8	78.1	c73.0	c62.2	49.0	44.5	62.1	103	11	Mar. 22	Nov. 6†
Pushmataha	49.6	45.8	56.0	59.4	70.2	78.8	82.4	78.6	72.4	62.2	49.7	44.8	62.5	106	9	Mar. 21	Nov. 6†
Riverton	40.8	37.2	48.4	53.6	c65.2	76.1	81.6	77.0	69.8	59.9	45.2	36.2	57.6	103	0	Apr. 5	Nov. 5†
Scottsboro	40.3	38.2	48.4	54.0	65.8	76.3	81.4	75.6	68.4	58.4	42.7	35.6	57.1	101	4	Mar. 22	Nov. 4
*Selma	.....	44.0	.....	59.2	71.9	80.0	83.3	79.8	73.6	64.5	50.2	43.4	.....	105	11	Mar. 16	Nov. 16†
Talladega	44.9	42.8	54.2	57.4	69.4	78.6	81.8	77.0	71.9	62.1	47.8	41.4	60.8	103	7	Mar. 22	Nov. 6†
*Thomasville	48.5	44.2	.....	59.8	72.4	80.4	84.0	80.6	75.0	65.4	52.6	47.2	.....	105	11	Mar. 7	Nov. 16
*Tuscaloosa	45.0	40.6	51.0	56.6	68.9	79.0	82.8	79.4	72.2	61.9	47.4	39.8	60.4	106	8	Mar. 22	Nov. 6†
*Tuscumbia	.....	.....	.....	52.6	68.1	78.9	84.7	77.8	69.9	60.1	.....	.....	.....	104	.....	.....	.....
Tuskegee	47.6	44.0	56.0	60.2	72.1	79.6	83.0	80.0	74.8	66.1	51.9	45.2	63.4	104	11	Mar. 17	Nov. 7
*Union Springs	b47.7	44.7	54.0	58.8	73.8	80.0	83.6	80.2	73.3	63.1	49.6	43.8	62.7	105	10	Mar. 7	Nov. 16
Uniontown	49.0	45.0	55.4	59.9	72.0	79.9	83.5	80.0	73.6	64.6	51.0	c42.2	63.0	106	10	Mar. 16	Nov. 16
Valleyhead	41.2	37.6	47.8	53.4	67.0	76.6	79.8	76.2	69.5	59.6	43.8	38.6	57.6	100	5	Apr. 4	Oct. 15†
Wetumpka	47.5	44.0	53.8	59.0	72.8	80.0	84.3	81.6	75.1	64.9	51.0	43.1	63.1	106	12	Mar. 18	Nov. 6†
Alaska.																	
Coal Harbor	31.2	29.3	27.6	31.9	38.8	45.3	51.9	52.2	47.9	40.8	33.0	32.1	46.8	69	−2	.....	.....
Fort Liscum	23.8	22.5	30.8	31.6	39.4	49.6	50.6	46.6	44.0	36.4	22.8	21.2	34.9	73	−13	.....	.....
Fort Yukon	.....	.....	1.6	17.4	33.2	58.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort Gibbon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Holy Cross Mission	−11.4	8.2	10.0	20.6	35.2	51.9	57.3	50.4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Juneau Wharf	28.6	26.0	36.2	40.1	46.2	53.2	58.2	53.8	49.4	44.6	34.2	34.4	42.1	79	10	.....	.....
Kenai	11.8	14.2	28.4	33.0	42.2	50.8	52.8	52.6	46.6	38.7	19.9	18.4	34.1	80	−36	.....	.....
Killisnoo	27.0	28.2	34.6	36.2	42.8	51.4	57.6	51.5	50.0	43.6	34.9	33.6	40.5	71	9	.....	.....
Kotzebue	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orca	27.6	25.1	34.6	.....	.....	.....	55.2	52.7	49.8	41.2	33.5	31.5	.....	.....	.....	.....	.....
St. Michael	−5.4	7.0	3.5	11.8	25.2	40.8	51.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sitka	34.0	30.2	36.8	44.6	44.5	48.6	54.8	53.8	51.4	45.0	38.0	37.2	43.2	74	13	.....	.....
Tyoonok	15.0	15.0	29.4	33.5	45.2	53.8	.....	52.8	47.8	40.4	22.6	19.8	.....	.....	.....	.....	.....
Wood Island	30.0	30.6	34.9	.....	43.2	51.2	55.3	54.6	51.3	44.1	35.1	33.8	.....	79	2	.....	.....
Arizona.																	
Arivaca	49.9	51.4	55.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona Canal Co. Dam	52.8	55.1	58.9	65.3	74.8	81.7	92.9	89.8	81.0	72.8	65.2	51.6	70.2	118	22	Feb. 13	Dec. 13
Aztec (a)	55.3	60.0	66.0	72.8	83.2	91.1	103.2	97.3	85.7	78.2	71.7	66.4	77.6	119	25	Jan. 12	Dec. 11
Benson (a)	47.6	49.4	54.7	59.7	78.8	86.2	.....	82.7	78.3	67.6	58.6	47.1	.....	.....	21	Jan. 13	Dec. 13
Bisbee (a)	46.5	45.6	50.6	55.8	64.7	78.6	77.1	74.4	72.6	62.4	54.0	46.8	60.3	98	18	Apr. 17	Dec. 8
Bowie (e)	46.6	.....	56.8	63.4	75.4	88.5	81.2	81.7	73.6	69.4	56.4	52.5	.....	110	.....	Jan. 11	Dec. 9
Buckeye	53.4	56.1	59.7	63.7	72.1	77.2	89.3	87.7	77.7	69.0	59.7	48.6	67.8	110	18	Mar. 24	Dec. 7
Camp Creek	49.9	49.2	54.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 29	.....
Casagrande (a)	56.1	59.2	61.6	66.6	77.3	84.1	93.4	91.3	84.2	75.3	68.0	49.9	72.2	112	31	.....	Dec. 16
Champie Camp	54.2	53.8	58.8	.....	.....	80.6	90.2	87.0	81.1	72.0	62.0	52.2	.....	117	18	Mar. 31	Dec. 7

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
Arizona—Continued.																	
Cochise (a)	42.0	49.4	52.2	64.1	75.2	82.6	85.8	82.8	75.7	65.0	53.4	46.4	64.6	100	19	Feb. 10	Dec. 12
Congress	52.7	52.2	58.4	63.0	72.6	80.4	88.4	86.0	80.4	71.9	63.8	54.6	68.7	107	28	Feb. 7	Dec. 13
Dragoon (a)	42.2	42.9	48.7	56.1	66.8	75.8	81.3	77.4	72.4	69.0	52.0	40.5	60.4	101	16	Feb. 14	Dec. 8
Dudleyville	49.3	51.4	54.8	60.9	70.8	77.3	85.6	84.8	77.3	67.1	59.0	47.6	65.5	109	15	Apr. 10	Dec. 2
Duncan						71.4	80.6	78.3	71.6	60.6	51.1	41.5		109			Oct. 18
*Flagstaff	30.2	31.6	34.7	42.4	50.7	58.3	69.4	66.3	56.7	48.4	40.0	32.8	46.8	92	− 4	June 15	Sept. 25
Fort Apache	41.2	46.0	47.5	.....	60.8	[d]64.2	75.2	72.0	64.8	55.8	48.8	37.4	.....	102	6	May 15	Oct. 14
Fort Defiance	29.9	31.6	38.2	46.0	55.8	62.4	69.2	70.3	58.5	49.2	39.4	27.9	48.2	98	− 9	July 7	Sept. 25
Fort Grant	49.6	49.6	51.6	59.0	67.4	74.8	80.4	78.7	76.0	65.9	63.4	50.0	63.9	100	17	Apr. 10	Dec. 8
Fort Huachuca	48.2	47.2	56.4	60.2	70.6	77.3	80.0	75.0	73.3	63.4	56.4	52.1	63.3	100	15	Apr. 1	Dec. 13
Fort Mohave	[a]51.8	56.6	62.1	68.6	78.1	85.4	.....	[j]94.8	81.2	72.8	61.5	[c]49.8	.....	.....	20	Jan. 30	Dec. 8
Gilabend (a)	51.0	53.2	60.6	64.9	74.0	81.6	92.0	93.1	85.8	75.8	65.2	51.9	70.8	115	26	Jan. 10	Dec. 13
Globe	.....	.....	.....	.....	68.1	75.8	85.7	.....	75.4	65.6	55.8	47.7	.....	.....	.....	May 3	Nov. 24
Ingleside	52.6	55.2	59.3	65.4	73.4	81.4	92.4	84.7	[k]82.1	73.0	62.0	50.2	69.3	114	20	.....	Dec. 13
Jerome	44.0	44.7	50.2	57.0	67.0	76.0	84.2	81.0	74.6	63.8	55.1	46.0	62.0	103	19	May 23	Oct. 29
Kingman	.....	.....	.....	.....	.....	73.1	85.6	83.0	74.0	66.9	58.6	50.0	.....	107	.....	.....	Dec. 14
Maricopa (a)	44.2	48.8	51.5	67.6	76.2	83.0	[l]102.8	94.5	84.2	76.8	65.4	47.3	70.2	123	20	Jan. 17	Dec. 12
Mesa	52.4	54.0	57.2	62.7	71.2	79.7	89.9	86.4	78.8	70.4	62.3	49.8	67.9	113	17	Apr. 4	Dec. 12
Mohawk Summit (a)	56.3	62.1	66.8	71.6	80.6	91.0	[l]100.1	97.7	90.4	79.6	66.3	57.7	76.7	123	33	.....	Dec. 14
Mount Huachuca	47.3	47.2	52.0	57.8	67.8	74.4	79.0	74.7	73.4	63.6	55.6	48.0	61.7	102	15	Mar. 30	Dec. 8
Nogales	.....	49.4	51.5	60.0	64.8	73.8	81.8	77.6	75.8	63.8	56.8	47.4	.....	106	.....	Apr. 5	Nov. 15
Oracle	47.0	46.2	52.4	57.9	67.8	75.4	81.3	79.0	75.1	64.4	56.6	48.4	62.6	101	19	Apr. 10	Dec. 13
Pantano	52.2	56.0	.....	64.4	74.4	.....	88.1	.....	.....	.....	.....	.....	.....	.....	.....	Jan. 13	Dec. 9
Parker	51.7	59.6	63.0	68.6	77.2	84.1	95.2	93.2	82.4	74.2	63.4	54.0	72.2	122	16	Feb. 2	Dec. 9
Peoria	52.2	55.6	59.3	65.4	75.4	82.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Phoenix	53.2	56.2	59.9	65.6	75.0	82.8	92.9	89.8	82.4	73.2	63.9	52.2	70.6	112	24	Jan. 12	Dec. 13
Phoenix [1]	52.0	55.0	58.7	63.8	73.4	80.6	91.4	88.4	80.6	70.7	60.8	50.2	68.8	114	20	Jan. 12	Dec. 13
Pima	46.6	48.8	.....	58.6	67.9	75.4	85.2	83.7	75.6	65.2	54.6	44.0	.....	109	14	Apr. 18	Nov. 15
Prescott	42.4	38.4	42.6	48.7	58.8	64.2	74.8	72.6	[b]61.0	53.3	46.2	36.6	53.3	102	1	May 22	Sept. 23
St. Johns	.....	.....	.....	.....	.....	.....	.....	.....	67.2	54.8	45.5	32.4	.....	.....	.....	.....	Sept. 25
San Carlos	47.2	50.4	53.9	58.8	68.7	77.2	88.8	86.6	77.6	64.8	53.3	.....	.....	112	.....	Apr. 10	Nov. 16
Sentinel (a)	56.9	62.2	67.9	70.4	75.0	85.7	98.0	95.1	89.2	79.6	69.3	56.6	75.5	117	31	Jan. 11	Dec. 15
Signal	48.6	54.6	58.2	63.2	72.6	80.2	92.0	89.8	77.2	[b]71.0	60.2	48.8	68.0	119	10	Apr. 6	Oct. 30
Strawberry	37.0	36.9	41.6	46.8	[c]57.4	62.4	71.4	71.2	60.3	53.7	44.8	37.4	51.7	98	0	May 28	Sept. 25
Supia	41.1	45.7	55.7	63.6	74.4	78.8	86.4	84.6	78.6	.....	.....	.....	.....	112	.....	Feb. 16	.....
Taylor	.....	.....	.....	.....	.....	[b]66.1	72.1	70.4	62.0	53.2	43.3	34.8	.....	99	.....	.....	Sept. 25
Tombstone	48.1	47.2	53.1	59.6	69.0	77.4	81.1	76.8	74.9	64.6	56.6	47.6	63.0	103	17	Apr. 10	Dec. 8
Tonto	46.2	49.2	53.2	59.8	68.8	77.6	87.4	[d]84.4	[f]75.4	66.2	54.8	44.7	64.0	113	16	Apr. 9	Nov. 24
Truxton	.....	.....	.....	.....	.....	78.2	83.2	79.8	70.0	[b]64.2	.....	.....	.....	104	.....	.....	.....
Tuba	34.0	41.2	46.0	.....	65.2	72.4	82.6	80.0	68.9	58.2	[f]45.1	[d]33.9	.....	104	3	.....	Nov. 13
Tucson	51.0	52.0	55.6	61.7	72.2	79.4	87.3	84.8	79.6	69.4	61.4	50.4	67.1	108	10	Apr. 5	Dec. 8
Vail (c)	52.8	54.2	60.8	64.2	76.2	84.4	88.6	84.4	82.8	71.7	65.4	54.8	70.0	105	27	Jan. 11	Dec. 13
Willcox (a)	36.9	43.9	53.2	62.0	76.6	72.2	84.9	78.1	70.5	59.8	47.1	40.7	60.5	103	15	Mar. 31	Dec. 7
*Yuma	54.7	59.8	64.6	67.6	74.4	83.0	91.8	90.6	81.6	74.4	65.8	56.8	72.2	114	24	Feb. 2†	Dec. 14
Arkansas.																	
Amity	46.2	48.1	51.0	59.0	68.9	78.1	81.9	80.8	71.6	63.0	47.6	38.4	60.8	106	9	Apr. 21	Nov. 4
Arkadelphia	48.2	47.7	52.6	59.9	70.1	[c]79.0	.....	79.9	74.6	66.8	.....	43.6	.....	.....	10	Apr. 10	Nov. 16
Batesville	44.8	40.2	51.4	58.1	68.0	80.4	84.8	82.3	73.2	63.8	50.2	36.8	61.2	111	0	Apr. 21	Nov. 4
Beebranch	[g]45.8	40.6	[c]49.6	56.2	68.0	79.8	84.0	81.2	[f]73.4	64.2	[c]52.3	41.2	61.4	108	2	Apr. 25	Nov. 8
Blanchard Springs	48.4	44.9	54.5	59.4	69.8	79.4	83.2	80.8	71.3	63.0	51.5	43.9	62.5	106	10	Apr. 19	Nov. 16
*Brinkley	45.9	41.2	53.1	57.3	67.0	79.2	84.4	81.0	71.8	62.0	49.8	39.2	61.0	110	4	Mar. 21	Nov. 13
*Camden	49.2	43.3	53.0	60.5	71.3	81.0	84.8	82.4	72.8	64.7	52.0	41.1	63.0	105	10	Mar. 21	Nov. 15
Conway	47.6	42.0	52.0	58.8	69.6	80.8	85.8	83.4	75.0	65.0	52.0	39.6	62.6	111	5	Mar. 21	Nov. 15
Corning	40.1	36.0	47.4	56.9	65.2	79.0	84.0	79.2	70.4	60.0	.....	33.5	.....	.....	−3	Mar. 5	Nov. 3
Dallas	.....	[f]42.4	49.6	[c]60.5	68.2	78.5	83.9	80.0	72.4	64.8	52.2	40.2	.....	107	.....	Apr. 3	Nov. 4
Dutton	.....	.....	.....	55.5	[d]64.0	74.2	79.8	[c]75.9	[g]70.4	.....	.....	.....	.....	.....	.....	.....	.....
Elon	48.2	[c]47.2	55.3	59.6	69.0	77.8	81.8	80.7	[c]72.4	63.8	51.7	.....	.....	108	.....	Apr. 19	Nov. 16
Fayetteville	40.8	36.2	46.6	55.4	[c]65.0	77.0	83.3	77.8	70.4	62.9	49.9	35.2	58.4	106	− 3	Apr. 19	Nov. 3
*Forest City	.....	.....	.....	58.0	68.0	82.6	85.0	81.1	72.6	.....	.....	.....	.....	108	.....	.....	.....
*Fort Smith	45.4	41.8	50.6	59.0	69.4	79.6	85.1	82.2	73.8	66.0	52.5	38.8	62.0	106	6	Apr. 3	Nov. 16
Hardy	41.8	36.6	48.4	57.0	66.4	80.4	84.6	80.4	72.2	.....	47.8	34.6	.....	109	− 4	Mar. 21	Nov. 4†
*Helena	47.0	43.0	54.0	57.8	68.0	80.0	83.8	80.0	72.3	63.3	51.7	.....	.....	104	.....	Mar. 21	Nov. 13
Ione	.....	.....	51.2	60.3	67.5	77.0	.....	79.0	73.6	.....	.....	.....	.....	.....	.....	Apr. 8	Oct. 7
Jonesboro	45.6	40.8	54.0	61.4	71.6	85.1	87.8	83.6	74.8	65.6	52.8	41.2	63.7	116	14	Mar. 21	Nov. 4
Keesees Ferry	42.8	37.2	48.6	56.2	66.4	79.2	84.4	80.7	71.0	62.4	50.0	36.4	59.6	110	− 4	Apr. 21	Nov. 4
Lacrosse	43.0	37.1	49.2	57.1	68.0	80.0	[e]85.6	[b]80.8	[f]78.2	63.2	47.1	.....	.....	110	.....	Apr. 1	Nov. 4
*Little Rock	47.0	41.4	51.8	59.3	68.8	[c]79.8	83.8	81.0	72.9	64.8	52.4	39.8	61.9	106	6	Mar. 21†	Nov. 16
Lonoke	46.8	41.8	54.4	59.2	68.6	79.4	83.4	81.6	72.8	63.1	50.3	.....	.....	108	.....	Mar. 21	Nov. 4
Lutherville	44.5	39.0	49.6	56.2	67.8	77.6	82.4	79.0	71.3	63.4	49.2	38.2	59.8	104	2	Apr. 3	Nov. 4
*Malvern	.....	[g]39.4	46.8	.....	68.9	79.4	84.4	82.1	73.4	64.0	52.2	42.3	.....	110	.....	Apr. 3	Nov. 16
Marianna	44.9	43.0	52.4	58.6	68.6	80.8	[e]84.4	80.1	70.6	61.5	48.5	37.7	60.9	106	3	Mar. 21	Nov. 8
Marvell	51.8	43.0	53.8	59.1	68.8	80.4	84.4	80.8	72.1	64.1	50.6	39.6	62.4	110	4	Mar. 21	Nov. 13
Mossville	41.0	35.4	[c]44.9	53.6	64.2	74.6	81.4	77.6	70.7	[c]62.8	49.1	34.2	57.5	101	− 6	Apr. 21	Nov. 15
Mount Nebo	42.4	37.0	48.3	58.2	66.2	81.6	.....	78.8	73.2	63.9	50.0	36.2	.....	.....	− 2	Apr. 8	Nov. 16
New Gascony	47.8	44.6	52.6	59.0	71.0	80.0	84.1	82.6	72.8	64.2	50.9	39.2	62.4	106	7	Apr. 22	Nov. 13
*Newport [2]	45.0	38.4	51.2	57.7	68.2	80.6	85.0	81.7	72.5	62.2	48.7	37.2	60.7	112	1	Mar. 21	Nov. 4
Newport [3]	43.6	39.3	[d]57.0	57.1	67.2	79.4	83.9	80.8	71.2	61.6	49.3	37.0	60.6	110	2	Mar. 27	Nov. 4
Oregon	41.6	36.0	46.8	54.8	68.8	75.4	83.4	80.0	71.3	[c]62.7	48.3	35.0	58.7	109	− 5	Apr. 19	Nov. 4
Osceola	45.0	40.0	52.0	58.1	68.0	80.8	84.0	78.5	70.6	62.2	48.1	37.6	60.4	103	0	Mar. 21	Nov. 4
Ozark	45.8	41.1	51.3	60.4	70.0	81.2	86.5	82.8	76.4	67.0	52.0	38.2	62.7	109	3	Mar. 21	Nov. 16
*Pine Bluff	48.0	43.8	54.6	58.8	69.8	81.0	85.8	82.6	73.4	63.4	49.4	38.8	62.4	108	5	Mar. 20	Nov. 13
Pocahontas	38.4	32.6	48.4	53.7	63.4	77.8	83.6	79.8	70.4	61.0	47.8	35.2	57.7	111	− 4	Apr. 3	Nov. 4
Pond	40.3	36.4	45.8	53.8	64.6	77.0	83.2	78.2	70.4	61.9	49.0	35.4	58.0	108	− 4	Apr. 19	Nov. 4
*Prescott	48.8	44.6	54.2	59.4	70.6	80.0	85.3	82.6	74.2	66.0	55.6	41.1	63.5	111	11	Apr. 3	Nov. 16
Rison	52.3	44.2	53.0	60.3	69.8	.....	.....	.....	74.9	65.8	52.2	40.3	.....	.....	4	Apr. 2	Nov. 3

[1] Agricultural Experiment Station. * Cotton region observer. † G. B. Irby.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
Arkansas—Continued.																	
Rosadale	49.0	44.3	53.4	60.8	70.0	80.6	85.3	83.4	74.6	66.4	53.4	43.4	63.7	110	9	Apr. 3	Nov. 4
*Russellville	45.1	41.2	*51.4	57.6	68.8	80.0	85.0	81.4	72.9	63.8	50.8	37.0	61.2	106	7	Mar. 22	Nov. 13
Silversprings	41.8	37.0	46.5	55.3	65.9	77.2	83.2	79.2	70.1	62.8	50.0	36.4	58.8	106	− 2	Apr. 19	Nov. 4
Spielerville	45.9	41.0	51.0	58.8	69.2	80.4	84.6	82.0	74.2	65.2	51.6	.....	.....	108	.....	Mar. 21	Nov. 13
Stuttgart	46.6	42.0	52.4	58.4	68.2	79.1	84.0	82.2	72.4	63.6	50.1	39.2	61.5	109	4	Mar. 21	Nov. 4
*Texarkana	48.7	45.0	54.8	60.5	71.0	82.7	85.3	83.0	75.9	67.8	53.5	40.6	64.1	108	12	Apr. 3	Nov. 16
*Warren	48.2	42.3	53.1	58.4	69.4	77.7	83.6	80.5	72.4	64.2	51.2	43.6	62.0	108	7	Apr. 3	Nov. 15
Washington	49.0	44.5	53.7	60.2	69.2	78.9	82.6	80.4	72.3	65.2	52.4	42.2	62.6	106	9	Mar. 21	Nov. 16
Wiggs	45.9	41.9	51.8	57.8	67.9	78.0	82.2	79.8	71.8	63.4	50.6	40.0	60.9	107	5	Mar. 16	Nov. 4
Winchester	45.5	42.2	52.2	57.1	*69.8	*78.4	83.8	81.2	72.9	63.4	49.9	39.6	61.3	108	8	Mar. 21	Nov. 6
Winslow	40.6	36.1	44.5	53.5	63.6	.....	79.8	75.9	69.4	62.0	49.2	34.4	.....	.....	− 4	Apr. 18	Nov. 4
Witts Springs	42.7	39.2	50.3	59.1	67.2	78.0	83.4	79.4	73.9	62.7	51.2	34.8	60.2	110	1	Apr. 4	Nov. 4
California.																	
Angiola	46.0	47.8	54.2	58.5	67.0	71.4	80.1	80.6	68.5	64.4	.....	45.4	.....	112	14	Apr. 8	Dec. 6
Bakersfield	.....	49.0	51.8	59.4	67.0	74.8	81.8	82.6	69.8	65.8	56.9	46.0	.....	112	.....	Feb. 2	Dec. 8
Berkeley	48.8	51.2	55.4	53.2	56.8	61.1	60.8	60.8	60.2	62.4	56.8	50.5	56.5	89	32	Jan. 9	.....
Bishop	36.3	42.6	48.0	53.0	60.6	67.0	74.6	72.9	63.7	59.2	50.0	44.6	56.0	102	6	.....	.....
Boca (*a*)	24.6	29.6	32.7	42.0	44.6	56.6	62.9	60.9	57.2	57.1	45.0	25.8	44.8	87	−26	.....	.....
Bodie	15.7	22.0	23.4	29.8	41.8	49.1	57.5	55.2	45.9	40.7	33.7	24.6	36.6	84	−26	June 27	Aug. 19
Bowman	.....	.....	.....	44.7	.....	.....	69.7	69.6	57.6	54.3	45.4	42.4	.....	.....	.....	May 23	Sept. 7
Caliente (*a*)	45.4	56.6	61.5	53.0	67.6	78.8	91.8	75.0	70.3	58.6	51.0	50.0	63.3	114	28	.....	.....
Campbell	49.0	51.6	53.2	52.3	57.2	63.6	64.2	65.8	61.8	62.0	56.0	48.0	57.1	101	25	Apr. 26	Dec. 7
Cedarville	29.6	31.1	39.2	43.0	54.0	58.0	69.4	70.4	56.2	52.1	42.6	33.0	48.2	94	−13	May 21	Sept. 27
Chico (*a*)	47.6	52.6	58.3	59.6	68.4	77.8	82.6	79.4	69.4	65.2	58.9	50.6	64.2	114	28	Apr. 4	.....
Cisco (*a*)	29.7	30.4	32.4	34.6	43.4	52.0	62.2	52.1	54.8	41.8	.....	.....	.....	84	.....	.....	.....
Claremont	49.4	52.5	55.6	54.3	59.0	66.4	72.2	73.5	63.0	62.8	57.4	54.6	60.1	103	22	Jan. 10	Dec. 13
Corning (*a*)	46.6	48.6	54.8	64.0	72.2	76.8	82.6	81.2	70.6	65.8	57.2	50.6	64.2	108	26	Jan. 1	Dec 10
Crescent City	46.2	46.8	48.4	47.2	51.8	51.8	54.0	54.0	53.8	55.4	50.8	46.8	50.6	84	29	Apr. 26	Sept. 30
Cuyamaca	36.1	38.0	41.7	44.7	49.4	57.4	69.4	67.2	56.2	50.6	45.6	39.3	49.6	87	6	May 26	Sept. 5
Delano (*a*)	48.8	52.5	62.4	66.8	73.0	77.0	85.0	83.0	75.3	72.2	60.7	47.0	67.0	113	24	.....	.....
Delta (*a*)	41.6	45.5	53.3	57.3	63.3	73.7	77.6	78.2	67.0	64.5	54.2	48.8	60.4	105	26	.....	.....
Drytown	45.6	48.7	53.0	54.2	62.5	70.4	76.0	76.2	67.5	64.2	54.4	46.0	59.9	108	23	.....	.....
Dunnigan (*a*)	45.6	52.6	54.4	60.6	67.0	80.9	88.2	85.2	70.4	67.3	56.9	47.4	64.7	112	25	.....	.....
Durham (*c*)	44.8	49.8	55.9	56.8	65.2	74.2	79.4	79.3	69.9	66.4	56.8	47.1	62.1	106	25	Apr. 4	Dec. 13
Edmanton (*a*)	32.1	35.2	40.3	42.0	50.0	58.4	65.3	66.4	56.0	52.4	44.0	38.2	48.4	94	7	.....	Oct. 29
Elcajon	53.2	.....	.....	.....	.....	.....	.....	.....	67.0	65.1	60.6	55.8	.....	.....	.....	.....	Dec. 13
Elmdale	46.0	50.6	54.4	56.2	62.6	70.6	77.1	77.7	67.8	65.9	55.5	45.6	60.8	114	23	Feb. 10	.....
Elsinore	51.2	53.8	57.6	56.4	62.2	69.5	78.0	79.6	69.9	67.4	59.7	56.0	63.4	112	20	Apr. 8	Dec. 14
Escondido	48.0	56.4	58.3	58.5	64.7	69.8	74.2	76.2	67.8	64.4	57.0	52.2	62.2	106	13	Jan. 11	Dec. 13
*Eureka	47.4	49.6	49.2	47.7	52.2	53.4	55.5	55.0	55.5	55.8	53.0	47.6	51.8	76	31	Apr. 7	Dec. 12
Fallbrook	51.2	55.0	57.6	57.4	61.8	68.2	73.0	74.5	65.5	62.4	56.8	55.9	61.6	106	24	Feb. 2	Dec. 13
Folsom City (*a*)	47.4	51.3	56.1	58.6	65.5	74.6	78.2	76.4	67.8	65.2	56.5	46.8	62.0	108	27	.....	Dec. 11
Fort Ross	50.6	49.6	50.2	48.5	52.3	54.4	57.0	60.6	60.3	60.4	56.2	51.7	54.3	87	34	.....	.....
*Fresno	47.8	51.7	55.6	58.4	65.7	74.3	82.0	82.4	70.6	67.1	58.6	47.4	63.5	110	27	Jan. 10	Dec. 11
Georgetown	43.0	45.0	50.2	50.8	57.8	67.4	75.7	76.2	64.7	62.0	52.6	48.5	57.8	102	19	Apr. 3	Dec. 11
Gilroy (near)	50.6	52.9	54.8	54.0	58.0	63.2	66.2	67.5	64.6	65.4	58.0	48.8	58.7	109	22	.....	.....
Goshen (*a*)	.....	.....	.....	60.4	68.2	61.4	.....	.....	72.8	68.6	.....	51.3	.....	.....	.....	.....	.....
Grand Island (*c*)	46.6	51.2	57.2	59.2	65.7	74.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenville	32.2	34.8	42.6	44.4	53.9	58.6	64.4	65.8	56.4	53.0	44.8	36.6	49.0	99	− 7	June 11	Aug. 20
*Hanford	45.0	50.9	58.8	56.6	65.0	73.0	79.2	79.2	68.6	61.8	52.4	43.5	60.8	109	20	Mar. 30	Oct. 28
Healdsburg	47.0	51.1	56.4	54.6	60.4	68.2	66.2	65.2	62.5	63.1	54.6	48.8	58.2	105	23	Apr. 27	.....
*Hollister	48.8	51.2	53.0	52.4	57.2	62.0	63.4	64.8	62.5	63.6	56.0	47.5	56.9	105	19	Apr. 22	Dec. 7
*Independence	37.6	43.8	50.0	55.2	62.8	71.6	80.2	76.9	68.0	61.4	52.0	45.4	58.7	101	13	Apr. 9	Nov. 19
Indio (*a*)	51.0	64.2	65.1	70.5	77.1	86.6	96.8	94.0	85.3	77.7	65.1	53.4	73.9	115	23	.....	.....
Iowa Hill (*a*)	44.5	45.6	50.9	52.1	58.1	67.0	74.2	74.3	64.1	61.2	53.2	49.2	57.9	94	27	Apr. 4	Dec. 11
Irvine	58.5	60.5	64.4	64.0	66.7	73.8	79.2	80.3	72.1	70.6	.....	.....	.....	102	.....	.....	.....
Jackson	42.2	45.1	49.6	51.9	57.6	66.4	74.1	73.8	62.8	60.0	51.6	44.6	56.6	98	20	.....	Dec. 7
Kennedy Gold Mine	42.8	44.4	48.8	49.4	56.4	65.7	73.0	72.8	63.2	61.2	50.6	42.5	55.9	100	21	.....	.....
King City (*a*)	.....	47.7	49.6	.....	.....	58.6	.....	.....	.....	58.0	52.4	47.6	.....	.....	.....	.....	.....
Kono Tayee	45.2	47.7	52.8	54.2	60.6	.....	.....	76.6	67.2	64.3	53.6	47.2	.....	.....	30	Jan. 11	.....
Laporte (*a*)	31.9	34.3	37.2	39.5	48.8	55.2	61.9	61.9	51.3	49.6	41.9	38.6	46.0	90	8	June 11	Sept. 7
Legrand	45.5	50.3	53.8	56.1	63.4	71.2	79.8	75.4	.....	.....	.....	.....	.....	112	.....	Feb. 10	.....
Lemoncove	48.4	52.7	56.6	60.9	67.4	75.2	82.2	82.6	75.2	68.8	60.7	49.6	65.0	111	24	Jan. 9	Dec. 16
Lemoore (*a*)	46.4	.....	54.8	.....	67.4	71.4	.....	80.0	75.3	69.8	63.6	47.6	.....	.....	.....	.....	.....
Lick Observatory	39.7	40.4	44.0	44.8	50.2	59.8	70.1	*71.6	58.8	56.5	50.4	46.6	52.7	91	17	Jan. 29	Oct. 29
Lodi	46.0	50.8	55.2	56.0	62.0	70.4	73.7	73.6	66.8	65.4	55.3	45.6	60.1	104	26	Apr. 8	Dec. 11
*Los Angeles	55.0	57.4	60.3	57.0	60.4	65.5	70.0	71.4	64.6	64.8	60.6	58.4	62.1	97	31	Apr. 8	Dec. 13
Los Gatos	49.1	52.2	55.6	54.2	58.2	64.8	66.5	67.4	63.6	63.5	55.6	48.6	58.3	101	30	.....	.....
Mammoth (*a*)	54.0	61.8	70.6	76.2	81.1	91.6	97.0	96.6	86.6	77.3	66.8	57.1	76.4	115	30	.....	.....
Manzana	44.6	47.6	52.4	57.2	63.2	73.8	84.2	82.6	72.0	64.2	56.0	47.2	62.1	107	16	.....	.....
Merced	48.1	49.3	54.6	55.0	64.0	72.8	80.4	80.8	69.6	67.2	56.2	44.8	61.7	111	24	Mar. 28	.....
Milton (near)	46.2	50.6	.....	56.9	61.4	71.1	77.6	76.8	69.6	67.2	57.2	47.4	.....	106	27	.....	.....
Modesto (*a*)	51.0	54.6	60.0	61.0	65.9	74.8	80.6	79.1	72.8	70.3	60.9	50.8	65.2	107	31	Feb. 10	Dec. 13
Mohave (*a*)	43.2	46.6	52.6	59.2	65.5	76.4	85.2	81.0	70.7	63.7	55.4	45.7	62.1	108	20	.....	.....
Mokelumne Hill (*c*)	43.2	45.4	48.8	50.7	56.2	66.8	73.8	72.8	62.4	60.6	52.5	45.0	56.5	.....	27	Apr. 4	Dec. 7
Monterio	45.8	48.1	50.4	54.0	58.2	66.4	79.0	79.4	70.5	64.5	59.2	51.6	60.6	104	22	Feb. 11	Dec. 11
Monterey (*c*)	52.2	54.4	57.6	57.3	57.6	63.9	62.3	66.2	63.8	59.9	57.3	51.0	58.6	88	25	.....	.....
Morena	45.8	47.8	58.0	51.4	56.0	64.8	.....	76.2	.....	.....	.....	.....	.....	.....	.....	Apr. 11	.....
*Mount Tamalpais	43.4	48.1	50.0	50.1	53.8	62.8	69.8	70.0	62.8	61.8	52.0	49.8	56.0	94	28	Apr. 6	Dec. 12
*Napa	46.0	51.2	56.6	55.8	61.0	64.4	64.0	65.3	63.1	66.0	58.2	50.0	58.5	106	25	Feb. 10	Dec. 14
Needles	48.4	47.0	*63.9	70.7	81.2	87.0	97.7	93.2	84.2	74.8	64.7	56.2	72.4	113	28	.....	.....
Nevada City	41.2	42.1	47.6	48.4	55.4	61.8	68.0	68.8	59.8	56.5	49.1	43.7	53.5	92	17	Apr. 26	Oct. 30
Newhall (*a*)	46.4	50.7	56.6	56.8	62.1	68.4	79.8	76.2	67.2	71.4	55.7	48.3	61.6	109	17	.....	.....
Niles	52.5	55.8	58.7	57.2	62.0	66.7	69.1	68.9	64.2	63.0	56.5	48.8	60.3	105	30	Feb. 9	Dec. 12
North Bloomfield	42.0	43.0	47.3	49.8	56.2	65.0	73.0	74.0	63.2	59.4	50.2	47.0	55.8	102	16	.....	.....
North Ontario	49.9	52.6	56.0	54.6	57.4	65.2	73.3	74.9	66.4	65.0	58.0	54.1	60.5	98	26	Feb. 2	Dec. 12

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
California—Continued.																	
North San Juan (*a*)	43.2	48.1	51.5	47.4	54.5	61.3	73.6	73.7	58.8	59.4	53.4	40.8	55.5	101	18	Apr. 27	Dec. 11
Oakland	49.5	52.0	56.1	54.8	58.9	63.0	62.3	62.0	61.1	62.0	56.8	50.0	57.4	90	32	Feb. 11	Dec. 15
Ogilby (*a*)	53.0	61.2	66.6	71.7	80.4	96.2	101.2	99.7	91.6	87.8	77.4	57.4	78.7	118	30	.....	.....
Oleta (*a*)	43.3	45.6	48.6	51.0	57.6	66.6	72.4	72.2	61.9	58.7	50.9	43.0	56.0	101	24	Apr. 7	Dec. 7
Orland (*a*)	44.2	49.8	55.5	53.7	68.6	83.8	89.3	86.8	72.1	68.6	57.5	50.1	65.0	116	24	.....	.....
*Palermo	45.0	49.8	55.2	56.4	64.4	72.2	77.9	77.4	68.4	66.0	55.6	46.6	61.2	112	20	Apr. 7	.....
Paso Robles	46.6	50.8	52.7	53.8	60.6	66.8	73.8	72.3	63.0	63.9	54.6	44.1	58.5	110	16	Apr. 10	.....
Peachland (*c*)	47.0	51.4	56.2	55.0	60.2	67.8	66.8	65.6	63.6	63.2	56.8	49.0	58.6	98	26	Apr. 4	Dec. 7
Pine Crest	54.5	56.8	60.6	55.1	56.0	62.8	68.8	70.6	63.4	66.6	60.7	61.2	61.4	97	35	.....	.....
Placerville	43.0	44.2	49.8	48.6	56.4	65.6	70.8	71.2	60.6	57.8	49.8	42.2	55.0	100	16	Apr. 7	.....
Point Lobos Lighthouse	49.2	50.8	53.6	50.4	53.4	54.1	54.6	55.8	56.8	59.0	55.7	51.8	53.8	86	38	.....	.....
*Point Reyes Lighthouse	50.4	51.2	53.0	48.4	50.6	50.2	51.3	54.9	54.6	57.7	55.2	52.1	52.5	91	35	None.	None.
Pomona (near)	51.0	53.4	59.2	59.6	64.4	71.4	76.8	78.0	68.2	66.0	59.0	54.6	63.6	109	23	Apr. 10	Dec. 12
Poway (*c*)	53.2	55.6	58.0	58.5	62.7	68.2	72.5	74.6	.....	.....	.....	.....	.....	.....	.....	.....	Dec. 18
Quincy	31.0	35.1	41.9	45.1	55.4	60.6	66.1	66.4	56.5	51.6	44.0	34.8	49.0	95	−11	.....	.....
*Redbluff	44.4	48.9	56.4	58.1	66.5	75.6	81.5	81.6	71.2	67.8	56.2	49.2	63.1	111	25	Apr. 4	Dec. 13
Redding	44.0	48.8	55.8	56.8	65.6	74.2	81.1	81.4	70.6	66.6	55.6	48.6	62.4	107	26	Jan. 10	Dec. 12
Redlands	51.0	54.9	59.0	59.2	63.0	70.0	73.4	73.2	69.0	67.7	59.8	56.3	64.0	107	26	Feb. 2	Dec. 12
Reedley	48.2	52.0	57.7	61.9	68.8	78.4	84.4	84.4	73.2	68.2	59.0	47.0	65.3	110	26	.....	.....
Represa	47.2	49.8	54.5	56.0	62.2	70.7	75.8	74.8	66.4	64.4	55.4	46.8	60.3	100	28	.....	Dec. 15
Riovista	45.3	50.4	55.5	57.8	62.2	71.0	.....	.....	.....	.....	.....	46.4	.....	.....	21	Apr. 3	.....
*Riverside	53.1	55.8	59.8	58.6	62.4	68.9	.....	.....	67.2	65.0	58.2	54.6	.....	.....	26	Feb. 2	Dec. 14
Rosewood	40.9	46.8	53.0	54.8	66.8	75.8	80.2	80.0	67.6	64.4	53.3	46.2	60.8	117	16	Apr. 9	Dec. 7
*Sacramento	45.0	50.2	55.8	56.4	61.4	69.6	72.6	72.6	67.6	66.5	56.6	47.2	60.1	105	26	Feb. 2	Dec. 13
Sacramento	45.6	50.2	55.6	57.5	63.5	70.0	73.0	72.1	64.8	62.8	55.3	46.0	59.7	101	25	Feb. 11	Dec. 11
Salinas (*a*)	50.8	52.6	54.8	54.1	57.2	61.8	62.1	60.2	60.4	60.8	60.8	55.4	57.6	82	25	.....	.....
Salton (*a*)	60.8	65.5	66.3	77.6	82.8	94.4	104.2	101.0	89.5	83.0	69.5	57.6	78.5	124	31	.....	.....
San Bernardino	50.6	55.3	57.1	57.5	63.2	69.2	76.8	78.4	68.0	66.2	59.0	55.4	63.1	110	18	Apr. 10	Dec. 14
*San Diego	56.2	57.5	60.0	57.4	60.0	62.5	65.8	68.2	64.8	62.8	60.8	57.8	61.2	96	35	None.	None.
*San Francisco	49.8	52.2	55.8	51.8	53.9	56.7	55.6	56.4	58.5	61.8	57.2	52.9	55.2	91	37	Feb. 10	Dec. 13
San Jacinto	48.8	52.4	56.0	58.0	64.2	71.2	78.8	80.0	68.6	65.1	58.0	53.2	62.9	109	21	Apr. 8	Dec. 12
*San Jose	.....	.....	.....	.....	.....	.....	.....	.....	65.3	64.7	59.0	50.4	.....	.....	.....	Feb. 10	Dec. 13
San Leandro	47.4	51.9	55.3	53.2	58.4	63.4	62.1	62.3	61.6	62.2	56.0	48.1	56.8	97	27	Mar. 28	Dec. 12
*San Luis Obispo	52.2	55.6	57.0	55.4	57.9	61.0	64.8	66.0	62.9	63.5	58.6	54.6	59.1	105	22	Feb. 2	Dec. 12
San Mateo (*a*)	47.2	48.5	55.2	52.7	60.0	68.0	69.3	68.2	66.2	64.6	57.5	49.2	58.9	95	29	.....	.....
San Miguel (*a*)	46.2	49.8	55.1	56.8	61.7	70.4	75.2	73.8	66.1	56.6	54.8	45.6	59.3	105	18	.....	.....
San Miguel Island	53.8	55.4	56.7	53.3	55.1	58.4	59.7	58.6	57.8	61.3	58.0	58.4	57.2	92	36	.....	.....
Santa Barbara	54.6	56.4	59.0	55.0	57.8	61.6	65.3	67.2	61.6	63.6	59.2	57.4	59.9	96	34	.....	.....
Santa Cruz	49.0	52.0	54.0	51.6	55.9	58.9	60.0	61.6	59.2	60.2	54.9	49.4	55.6	99	23	Mar. 30	D . 11
*Santa Maria	54.0	57.0	58.3	54.7	59.1	60.4	63.4	64.9	61.0	62.4	58.3	54.3	59.0	99	23	Feb. 2	D . 11
Santa Paula	54.9	57.1	61.0	57.2	61.2	66.4	71.6	71.6	65.2	65.8	61.9	61.2	62.9	101	32	.....	De . 12
Santa Rosa (*a*)	48.4	52.7	52.4	52.3	59.1	67.4	64.4	62.0	61.0	62.0	60.4	53.0	57.9	99	23	.....	.....
Shasta	44.6	48.3	53.4	60.7	67.6	75.2	83.6	85.2	72.4	68.8	55.4	50.9	64.1	115	26	Jan. 10	Dec. 11
Sierra Madre	52.8	55.6	59.5	56.7	59.6	66.2	72.6	73.9	65.0	65.8	60.0	58.6	62.2	100	33	.....	.....
Stanford University	47.6	48.9	52.8	52.0	56.9	62.4	64.0	64.5	62.2	61.2	.....	.....	.....	.....	.....	Apr. 8	.....
Stockton	41.9	45.7	52.6	54.3	59.2	68.0	71.8	71.0	65.2	63.8	54.2	45.0	57.7	102	22	.....	.....
Storey	45.6	49.0	55.2	56.2	63.4	72.1	79.7	79.7	70.8	63.9	55.2	44.3	61.3	106	24	Feb. 12	.....
Summerdale	37.1	36.8	41.6	43.2	48.5	57.8	67.0	68.2	57.1	53.4	48.0	44.6	50.3	90	11	May 21	Oct. 29
Susanville	28.2	32.6	41.8	46.2	57.0	62.0	70.9	70.8	56.9	54.9	44.8	35.4	50.1	102	− 8	May 19	Dec. 7
Tehama (*a*)	45.5	48.6	57.2	58.4	71.2	83.9	85.9	84.0	72.4	72.1	60.6	52.4	66.0	110	31	.....	.....
Tejon Ranch	54.6	53.3	57.1	60.4	66.4	75.0	83.4	83.3	72.4	68.8	59.9	50.8	65.4	105	28	.....	.....
Templeton (*a*)	45.8	44.0	49.2	52.0	58.9	70.3	74.5	74.1	65.2	57.8	51.2	35.9	56.5	112	23	.....	.....
Thermalito	45.2	50.9	56.5	58.0	64.8	73.8	79.4	.....	.....	.....	.....	.....	.....	.....	.....	Feb. 11	.....
Truckee (*a*)	24.1	26.0	34.6	43.2	43.6	54.2	54.6	57.3	46.4	40.7	40.6	32.4	42.1	92	−18	.....	.....
Tulare	48.0	52.4	55.2	57.8	66.6	74.4	82.0	81.1	69.5	67.4	58.6	48.4	63.4	112	18	Apr. 9	Dec. 7
Ukiah	44.4	48.4	53.0	53.8	58.4	64.7	70.3	72.6	64.6	62.0	52.4	45.2	57.4	108	19	Apr. 26	Dec. 7
Upperlake	45.2	48.4	53.4	53.3	60.0	66.4	73.2	75.2	65.6	63.2	53.4	46.8	58.7	106	21	Apr. 26	Dec. 11
Upper Mattole (*a*)	44.8	46.7	49.3	47.3	.....	.....	61.5	64.3	57.6	57.8	50.7	43.2	.....	.....	25	Apr. 26	Nov. 11
Vacaville	46.1	51.7	56.7	57.9	63.2	72.4	75.0	74.1	69.0	67.1	57.3	49.0	61.6	108	27	Apr. 4	Dec. 13
*Ventura	55.4	56.1	58.5	54.9	58.5	61.0	63.8	64.6	61.0	63.5	60.2	59.5	59.8	98	35	.....	.....
Visalia	47.4	51.4	54.2	57.2	65.3	73.2	79.2	80.9	68.2	67.3	56.2	44.6	62.1	110	20	Apr. 6	Dec. 9
Volcano Springs (*a*)	53.5	61.6	68.2	74.2	82.5	91.8	102.3	99.9	87.1	78.2	64.8	54.4	76.5	124	24	.....	.....
Wasco	47.0	50.7	53.8	59.1	67.0	75.1	83.2	83.3	70.8	66.8	56.2	45.7	63.2	111	20	.....	.....
Wheatland	44.2	48.8	54.0	55.8	62.8	71.5	76.2	75.8	66.8	64.6	54.0	46.0	60.0	105	23	Mar. 28	Dec. 12
Williams (*a*)	49.0	54.3	59.4	61.6	69.5	80.2	84.4	82.8	73.4	70.2	60.4	50.5	66.3	108	31	.....	.....
Wilmington (*a*)	49.4	52.3	57.8	58.4	59.1	63.8	64.7	64.2	61.3	60.0	56.4	50.0	58.3	82	29	.....	.....
Wire Bridge (*c*)	44.2	49.0	54.8	58.8	65.3	73.9	79.9	79.6	68.4	64.4	55.4	45.8	61.6	107	27	Apr. 8	Dec. 11
Yreka	27.2	35.0	44.4	47.5	56.8	60.5	69.6	72.2	59.6	55.2	45.0	36.0	50.8	102	2	.....	.....
Yuba City (*c*)	48.0	52.8	58.6	62.6	70.3	78.3	82.2	82.4	75.0	67.4	58.0	.....	.....	106	.....	Jan. 26	.....
Colorado.																	
Alford	28.6	22.5	30.8	38.7	51.2	.....	.....	66.0	.....	48.8	.....	27.1	.....	.....	−30	May 25	.....
Amity	.....	.....	.....	51.5	60.8	73.6	79.8	75.2	67.0	.....	.....	.....	.....	104	.....	May 26	Sept. 17
Bailey	.....	.....	.....	.....	48.0	55.4	68.4	60.6	53.2	44.0	.....	.....	.....	90	.....	June 16†	Sept. 11†
Blaine	35.8	31.4	42.2	51.8	61.1	73.5	80.5	77.3	67.1	57.0	45.6	33.7	54.8	106	−18	Apr. 18	Oct. 13†
Boulder	36.4	29.4	40.0	47.1	59.5	66.0	75.2	71.3	61.7	53.6	47.8	35.0	51.9	95	−11	Apr. 17†	Oct. 13
Breckenridge	9.1	15.6	17.8	28.8	40.3	51.4	59.4	53.4	45.6	35.9	24.6	15.8	33.1	86	−30	July 24†	Aug. 12†
Canyon	36.8	31.2	40.6	49.8	59.0	67.7	75.6	73.4	62.7	54.7	45.6	35.6	52.7	100	−24	Apr. 20†	Oct. 13†
Castlerock	31.2	27.2	35.4	43.7	56.1	63.8	72.2	68.4	58.6	52.2	41.1	30.5	48.4	95	−22	May 10†	Sept. 17†
Cedaredge	28.6	36.2	38.2	48.3	58.4	63.8	74.4	70.7	60.4	52.6	42.3	30.3	50.4	101	− 7	May 3†	Sept. 25
Cheyenne Wells	30.0	24.7	35.7	48.1	58.8	71.7	79.0	74.0	64.4	53.8	43.5	29.5	51.1	103	−21	May 26	Sept. 17
Clearview	24.9	25.0	26.8	33.0	42.6	53.3	57.4	56.5	50.2	41.8	35.4	.....	.....	86	.....	June 17†	Sept. 16
Collbran	22.4	31.8	35.5	46.8	58.0	63.2	74.4	69.7	60.4	51.0	38.8	25.4	48.1	99	−15	May 3†	Sept. 25
Colorado Springs	33.0	27.0	36.3	43.5	53.8	64.2	70.8	67.6	58.8	51.0	42.4	32.2	48.4	92	−19	Apr. 18†	Sept. 19†
Cope	30.0	24.7	37.7	46.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crook	29.0	21.8	36.0	47.8	58.9	69.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	June 6†	.....
Delta	27.8	37.0	39.6	51.2	62.0	67.5	77.3	75.0	63.7	53.3	40.2	29.8	52.0	108	−10	May 23†	Sept. 25
*Denver	34.3	27.7	38.0	46.4	59.6	67.5	76.6	73.0	62.7	53.8	45.6	33.8	51.6	100	−19	Apr. 18	Oct. 18

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Colorado—Continued.																	
Durango	24.2	27.4	.....	.....	.....	.....	.....	69.8	59.2	51.7	41.8	29.7	.....	.....	−15	.....	Sept. 25
Fort Collins	28.7	24.5	35.7	44.3	57.0	63.3	72.5	69.1	59.1	49.8	40.4	28.5	47.7	97	−31	May 7†	Sept. 19†
Fort Morgan	26.4	22.1	35.9	47.0	.....	.....	77.0	73.2	61.2	.....	.....	30.6	.....	.....	−23	.....	Sept. 19†
Gleneyre	33.3	27.6	35.8	43.4	53.4	63.0	70.0	66.4	57.4	50.0	42.4	33.2	48.0	87	−13	Apr. 18†	Sept. 19†
*Grand Junction	28.4	36.5	41.3	51.9	64.8	70.8	82.0	76.4	67.0	56.8	42.8	30.0	54.1	103	0	Apr. 18	Nov. 2
Greeley	27.0	22.0	38.7	46.6	58.7	64.8	74.7	72.4	61.6	51.8	41.1	26.2	48.8	100	−28	May 7†	Sept. 25
Gunnison	14.4	‡19.8	27.4	39.7	50.8	56.0	64.6	62.1	52.4	44.2	31.3	22.0	40.4	94	−33	July 5†	Sept. 14
Hamps	29.2	25.1	34.6	44.4	54.6	63.9	73.0	68.8	59.4	49.6	40.2	27.4	47.5	98	−24	May 26†	Sept. 18
Hoehne	33.6	30.3	39.0	48.6	58.0	68.6	75.1	72.1	65.0	55.0	45.0	34.0	52.0	97	−29	Apr. 19†	Sept. 25†
Holly	32.2	29.0	41.2	52.6	62.2	75.0	80.8	77.4	‡69.8	58.0	44.8	31.8	54.6	105	−12	Apr. 18†	Sept. 17
Holyoke (near)	26.8	21.6	35.4	47.0	59.8	68.3	‡79.4	74.0	‡63.0	.....	43.4	27.6	.....	106	−30	June 6	Sept. 17
Husted	29.4	25.3	33.2	40.9	52.3	61.2	69.2	66.7	57.2	48.0	38.1	29.4	45.9	92	−24	May 7	Sept. 17
Lake Moraine	23.5	23.0	25.8	33.3	.....	51.8	57.6	53.6	48.2	39.5	33.2	22.6	.....	85	−19	July 5†	Sept. 16†
Lamar	32.3	29.4	43.6	53.6	63.9	75.2	82.4	78.4	69.5	57.8	46.3	32.5	55.4	108	−17	Apr. 18	Oct. 13†
Las Animas	31.6	29.6	41.4	49.2	61.2	72.8	80.0	75.7	67.1	55.0	44.0	29.4	53.1	104	−20	Apr. 18†	Oct. 13†
Lay	20.0	25.0	33.3	43.1	56.4	68.1	68.8	66.2	53.4	45.0	33.8	20.8	43.7	98	−24	July 6†	Sept. 11
Leroy	29.8	22.0	35.0	45.3	57.7	67.4	78.3	72.5	60.8	52.2	43.2	27.4	49.3	104	−20	Apr. 17	Sept. 17
Longs Peak	23.4	21.0	23.9	32.0	44.0	51.1	58.5	55.8	48.0	41.4	34.6	23.4	38.1	82	−20	July 13†	Sept. 12†
Mancos	27.6	31.2	35.4	44.4	54.4	58.8	68.8	67.3	‡57.9	.....	.....	.....	.....	95	.....	June 16†	Sept. 25
Meeker	23.6	27.9	32.6	42.2	54.4	58.9	68.0	64.8	54.8	47.7	37.0	23.4	44.6	95	−20	May 23†	Sept. 15
Moraine	23.9	22.8	27.8	35.6	47.7	54.0	63.6	60.0	50.4	44.3	33.2	20.7	40.3	90	−23	June 17†	Sept. 5
Pagoda	21.6	26.2	32.1	41.8	54.2	56.2	68.0	65.1	53.4	47.3	37.2	23.2	43.9	98	−24	June 6†	Sept. 8
Parachute	23.9	34.1	39.0	49.9	61.7	68.4	79.3	74.9	62.8	53.5	41.2	25.8	51.2	104	−11	May 3†	Sept. 25
*Pueblo	33.4	28.8	39.4	48.7	59.4	69.6	77.2	74.2	64.2	53.8	43.8	32.0	52.0	103	−23	Apr. 18	Oct. 13
Rangely	16.7	21.2	35.0	45.2	57.7	69.2	69.6	67.9	57.1	49.5	35.5	24.0	45.0	98	−23	June 12†	Sept. 7†
Rockyford	31.1	28.6	40.8	51.8	61.4	71.9	79.1	75.2	65.6	55.4	44.0	30.4	52.5	105	−22	Apr. 18	Oct. 14
Rogers Mesa	28.0	35.9	38.4	49.0	59.7	65.4	75.6	73.2	63.2	53.0	41.0	29.8	51.0	101	− 5	May 2†	Sept. 25
Russell	.....	.....	.....	.....	47.3	53.0	59.8	60.4	50.4	42.6	33.4	21.0	.....	85	.....	July 4†	Sept. 5†
Saguache	24.0	28.9	33.3	40.2	52.5	58.6	68.4	65.4	57.2	50.2	37.4	27.7	45.3	95	−12	June 12	Sept. 17
Salida	29.2	32.1	34.4	44.6	54.4	61.0	69.3	67.4	58.1	49.0	40.2	31.4	47.6	96	−24	May 14†	Sept. 17
San Luis	24.7	29.6	33.4	41.4	52.2	59.2	65.4	64.4	55.2	47.0	37.9	25.7	44.7	92	−17	June 16†	Sept. 15†
Santa Clara	30.0	28.5	33.0	40.8	50.2	60.7	66.6	64.2	56.4	48.6	42.8	29.6	46.0	91	−16	June 15	Sept. 18
Silt	25.2	32.2	36.6	49.3	57.7	64.5	75.4	70.2	61.8	52.6	40.7	27.0	49.4	100	− 9	May 3†	Sept. 25
Sugarloaf	27.0	23.8	29.0	37.6	50.8	58.1	68.9	65.0	54.8	46.2	38.5	‡25.3	43.8	89	−15	May 25†	Sept. 16
Telluride	28.6	25.6	26.4	35.6	49.6	56.9	64.6	60.4	53.8	‡43.8	34.3	23.6	41.5	91	− 20	June 17†	Sept. 25
Trinidad	38.2	34.6	41.5	50.0	58.6	69.6	74.8	71.2	64.6	55.0	46.9	36.6	53.5	98	−15	Apr. 19†	Oct. 13†
T. S. Ranch	28.0	35.8	38.0	48.4	60.2	66.8	76.9	72.2	62.6	.....	.....	.....	.....	95	.....	Apr. 18†	Sept. 25
Wagon Wheel	8.9	15.6	26.2	35.2	45.2	49.8	56.8	57.2	47.6	40.4	31.2	21.8	36.3	86	−37	July 5†	Aug. 13†
Walden	18.7	19.4	24.6	35.1	48.9	53.8	63.9	59.6	48.0	‡38.0	32.0	18.8	38.4	93	−25	July 5†	Sept. 5†
Westcliffe	25.0	26.2	28.8	36.8	47.4	57.4	64.2	61.0	53.3	45.0	37.8	26.9	42.5	89	−16	June 12	Sept. 16
Wray	29.8	26.0	37.6	48.8	60.7	70.5	79.2	73.8	63.4	53.9	43.6	29.8	51.4	103	−23	May 26	Sept. 18
Connecticut.																	
Bridgeport	28.8	21.6	36.6	47.6	57.0	68.6	75.6	72.6	65.1	53.4	37.7	31.5	49.9	100	− 2	.....	.....
Canton	24.3	19.4	32.6	45.9	55.0	65.8	72.0	68.7	61.4	49.7	33.1	27.1	46.2	97	−10	May 6	Oct. 5
Colchester	26.4	22.0	35.4	46.2	55.8	66.4	73.2	70.4	64.2	52.0	36.3	31.7	48.3	96	− 7	Apr. 28	Oct. 18
Hartford	26.8	22.2	34.6	47.2	57.0	68.8	75.6	71.2	63.4	52.4	35.2	29.0	48.6	98	− 2	Apr. 18	Oct. 7
Hawleyville	26.6	20.8	35.0	46.5	56.6	68.0	74.2	70.3	62.7	51.6	35.0	30.4	48.1	95	7	Apr. 14	Oct. 8
Middletown	26.9	22.9	35.9	47.3	56.6	68.0	74.6	70.6	64.1	52.7	35.6	29.4	48.7	100	− 7	Apr. 14	Oct. 5
*New Haven	28.0	23.9	36.0	46.5	55.2	67.6	74.3	71.5	64.3	53.3	37.2	31.2	49.1	97	− 1	Mar. 31	Oct. 26
New London	28.6	23.8	35.6	46.0	55.4	68.2	76.2	72.0	64.4	53.6	37.0	31.2	49.3	92	7	Apr. 1	Oct. 26
North Grosvenor Dale	23.7	19.7	34.0	44.7	55.2	66.6	72.8	70.6	63.0	50.7	33.6	28.2	46.9	101	− 9	May 6	Oct. 5
Norwalk	27.1	21.0	35.8	47.4	56.5	69.8	76.0	72.8	63.6	51.0	35.4	29.4	48.8	100	− 6	May 6	Oct. 8
Southington	26.6	21.8	35.4	47.0	56.6	67.4	73.6	69.9	62.7	51.4	35.2	28.8	48.0	96	− 6	May 6	Oct. 5
Storrs	24.3	19.4	33.0	45.5	54.5	65.4	72.0	68.8	62.3	.....	33.9	29.7	.....	95	− 8	May 2	Sept. 26
Voluntown	26.0	21.0	35.3	45.0	55.0	65.4	73.0	69.8	63.2	‡50.4	33.9	30.2	47.4	95	− 9	May 6	Sept. 26
Waterbury	26.9	21.8	35.8	48.0	57.5	70.0	77.4	73.0	64.5	52.2	35.2	30.0	49.4	102	− 5	May 7	Oct. 4
West Cornwall	23.5	17.9	30.5	42.9	56.4	65.7	72.1	69.0	62.0	50.9	32.2	26.6	45.8	96	− 9	.....	.....
Delaware.																	
Milford	34.9	29.7	.....	51.6	61.8	74.0	80.9	77.7	68.6	57.6	41.7	37.0	.....	104	8	Mar. 31	Oct. 26
Millsboro	33.2	27.5	43.0	48.3	60.6	70.4	80.0	76.8	68.3	55.8	40.4	34.9	53.3	100	1	Apr. 29	Oct. 26
Newark	30.8	26.2	40.1	49.0	59.4	70.2	78.5	74.6	66.7	53.2	38.9	31.5	51.6	100	6	Mar. 30	Nov. 5
Seaford	35.0	29.6	45.0	50.7	63.2	73.7	81.2	77.6	68.8	56.4	41.6	36.2	54.9	102	9	Mar. 18	Nov. 7
District of Columbia.																	
Distributing reservoir (e)	34.3	30.4	45.1	52.0	64.6	74.4	81.2	76.6	67.7	57.6	40.7	34.1	54.9	98	12	.....	.....
Receiving reservoir (e)	33.8	28.9	44.2	51.3	64.1	74.0	80.6	76.5	67.8	55.9	40.2	32.8	54.2	95	5	.....	.....
*Washington	34.4	29.8	45.0	50.6	62.5	72.4	79.8	76.0	67.4	55.6	40.6	34.8	54.1	102	7	Mar. 18	Oct. 7
West Washington	33.7	29.6	44.2	50.9	62.2	72.8	78.8	76.4	67.0	55.6	39.2	33.5	53.7	102	6	.....	.....
Florida.																	
Archer	54.8	53.4	60.0	65.0	76.0	79.0	81.6	80.0	77.7	70.0	55.7	54.0	67.3	97	20	Mar. 18	Nov. 16
Bartow	59.2	58.0	62.5	66.4	75.8	80.2	81.6	80.8	81.2	75.4	62.4	63.0	‡70.5	96	27	Mar. 18	Nov. 18
Bonifay	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.2	53.6	50.7	.....	.....	.....	.....	Nov. 16
Brooksville	55.8	54.6	60.6	65.1	75.4	79.8	81.4	79.8	78.9	71.6	57.7	55.6	69.7	95	22	Mar. 7	Nov. 16
Carrabelle	54.2	52.3	58.2	‡63.0	‡74.4	78.8	81.4	79.5	76.4	68.6	56.0	50.6	66.1	93	17	Feb. 24	Dec. 15
Clermont	58.4	57.8	65.1	67.6	.....	80.2	82.8	81.4	79.8	76.4	61.6	60.8	.....	96	26	Feb. 23	Dec. 21
De Funiak Springs	52.6	50.6	57.3	62.8	73.3	79.4	81.1	79.0	75.6	66.8	54.0	49.8	65.2	105	12	Mar. 17	Nov. 16
De Land	56.9	54.7	62.7	62.5	75.3	79.2	81.7	80.4	78.9	71.2	58.3	56.7	69.9	95	22	Mar. 7	Nov. 17
Earnestville	59.0	.....	64.5	67.6	77.6	.....	83.3	81.4	.....	78.3	62.2	.....	.....	.....	.....	Mar. 7	Nov. 17
Eustis	59.5	57.8	64.4	68.0	78.0	80.5	83.8	82.0	80.8	74.8	61.5	59.4	70.9	98	23	Mar. 7	Dec. 18
Federal Point	55.4	53.2	60.7	62.9	74.4	77.2	80.6	79.6	78.2	70.5	57.0	54.8	67.0	94	22	Mar. 7	Nov. 17†
Fernandina	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57.6	52.6	.....	.....	.....	.....	.....
Flamingo	.....	.....	69.8	70.2	74.0	78.8	81.3	81.9	82.4	‡80.0	.....	65.8	.....	96	.....	.....	.....
Fort George	54.6	54.0	60.3	64.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Feb. 24	Dec. 17
Fort Meade	60.0	57.5	.....	66.8	77.8	80.4	81.6	80.8	80.3	75.2	61.6	58.7	.....	98	24	.....	Dec. 17
Fort Pierce	63.0	61.0	66.0	67.4	74.6	78.9	81.1	79.6	79.8	75.2	62.8	61.0	70.9	96	30	Feb. 25	Nov. 18

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.		Killing frost.	
													Mean.	Extremes.	Last in spring.	First in autumn.
														Max. *Min.*		
Florida—Continued.																
*Gainesville	57.6	58.8	61.0	65.3	76.1	c77.4	81.6	80.0	78.4	70.8	57.3	54.8	67.8	95 19	Mar. 17	Nov. 17
Huntington	56.7	54.6	61.4	63.4	74.6	78.6	82.2	81.4	79.3	72.4	c58.2	55.8	68.2	98 20	Mar. 7	Nov. 17
Hypoluxo	67.1	65.6	69.8	70.3	75.3	80.2	81.6	81.2	81.3	79.2	68.6	66.2	73.9	93 40	.....	.....
Inverness	55.7	54.2	61.4	64.4	74.4	78.6	81.2	79.9	79.0	71.2	56.1	54.0	67.5	95 22	Mar. 17	Nov. 16
*Jacksonville	54.2	52.4	60.4	63.2	75.4	78.9	82.6	80.5	78.0	69.5	56.4	52.8	67.0	97 20	Mar. 7	Dec. 17
Jasper	c53.5	51.5	59.2	62.9	74.8	78.0	.....	.....	.....	d66.7	54.8	c50.5	.....	 18	Mar. 7	Nov. 16†
*Jupiter	64.8	63.8	67.7	69.0	75.8	79.5	81.2	80.0	80.6	77.4	66.6	64.7	72.6	92 38	None.	None.
*Key West	68.1	67.4	70.2	71.8	77.1	80.8	81.4	81.2	81.4	78.8	70.4	67.6	74.7	89 50	None.	None.
Kissimmee	61.4	58.2	63.2	65.6	75.0	78.7	81.1	80.8	80.0	75.2	61.9	59.4	70.0	95 24	Feb. 24	Dec. 17
Lake Butler	54.8	52.6	61.2	c62.8	74.0	b78.6	b80.8	80.2	77.6	69.4	c55.8	54.3	66.8	96 19	Mar. 17	Nov. 16†
Lake City	54.7	53.2	60.6	63.8	74.4	78.2	81.6	80.7	78.4	69.9	55.2	54.2	67.1	98 18	Mar. 7	Nov. 16
McAlpin	54.6	.....	.....	c63.9	f75.6	80.7	83.4	.....	78.8	.....	.....	.....	.....	.....	.....	.....
Macclenny	c53.0	53.0	59.4	62.8	75.2	79.0	b82.1	81.2	78.4	69.6	55.0	54.0	66.9	99 18	Mar. 22	Nov. 17
Manatee	58.9	57.8	63.6	66.1	72.5	80.2	81.4	80.7	80.1	75.0	62.7	59.8	69.9	94 27	Mar. 24	Dec. 19
Marco	65.5	63.8	67.2	69.4	77.0	82.4	83.2	82.9	83.0	77.7	67.4	64.6	78.7	98 36	.....	.....
Marianna	51.3	49.0	58.8	62.3	74.2	79.1	81.2	78.8	75.2	65.0	52.6	50.8	64.9	99 15	Mar. 16	Nov. 15
Merritt Island	61.3	59.5	65.9	68.2	76.6	79.2	82.4	80.8	81.0	76.9	63.8	58.1	71.1	92 30	Mar. 26	Dec. 21
Miami	.....	65.7	69.2	70.1	75.0	c80.4	81.9	81.2	80.9	78.4	67.4	67.6	.....	 36	.....	.....
Micanopy	55.6	54.4	61.2	65.1	75.4	79.1	81.9	80.2	.....	70.4	56.8	55.2	.....	97 20	Mar. 7	Nov. 16†
Middleburg	51.9	52.0	59.0	61.2	72.5	78.2	82.7	80.0	76.1	68.4	53.2	52.3	65.6	101 18	Mar. 18	Nov. 14
Myers	60.8	60.4	64.2	68.2	74.8	78.8	79.5	79.0	79.8	75.3	63.1	59.7	70.3	94 32	.....	Dec. 21
New Smyrna	.....	54.8	61.4	64.4	74.0	77.7	c80.1	79.1	78.7	72.2	61.2	57.2	.....	99	Feb. 26	Dec. 1
Nocatee	60.6	60.6	65.0	67.2	75.8	81.4	82.4	81.2	81.4	75.8	62.1	61.0	71.2	97 26	Mar. 16	Nov. 16
Ocala	57.0	54.9	61.4	64.8	75.8	79.1	82.5	81.0	79.4	71.9	58.4	56.1	68.5	98 20	Mar. 18	Nov. 16
Orange City	58.4	56.4	63.0	64.1	76.1	79.8	83.0	80.9	77.8	72.8	59.0	57.9	69.1	98 23	Mar. 17	Nov. 24
Orlando	60.0	58.6	64.2	66.8	76.4	79.6	82.0	80.5	79.6	73.6	61.3	58.5	70.1	93 25	.....	Nov. 18
*Pensacola	53.2	52.3	59.0	63.2	73.4	80.0	82.3	81.0	77.8	69.4	57.4	50.4	66.6	103 17	Mar. 6	Dec. 15
Plant City	59.2	57.6	61.0	65.0	74.0	80.0	82.0	81.0	.....	.....	c60.4	57.3	.....	98 23	Mar. 17	Nov. 18
Quincy	.....	49.6	57.3	61.6	75.6	79.8	.....	.....	.....	.....	54.8	49.5	.....	.....	Mar. 22	Nov. 16†
Rockwell	58.0	56.4	62.7	66.1	75.2	80.8	83.2	c81.6	80.4	73.2	c55.6	55.6	69.1	99 21	Mar. 7	Nov. 17†
St. Andrews	.....	52.0	c56.0	62.4	73.5	79.0	81.5	80.1	77.2	70.4	54.5	51.8	.....	99	Mar. 17	Nov. 16†
St. Augustine	56.8	51.0	61.0	.....	.....	78.6	82.2	82.2	81.8	74.3	61.7	c51.5	.....	95 22	Mar. 23	.....
St. Francis	57.4	55.2	60.0	62.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 18	Nov. 16
Sebastian	60.6	c60.4	65.5	c67.3	75.4	79.3	80.8	79.8	.....	.....	.....	.....	.....	93	.....	.....
Stephensville	52.4	51.6	57.6	61.1	73.2	77.8	80.1	77.9	.....	73.1	c57.2	.....	.....	98	Mar. 30	Nov. 17
Sumner	55.8	53.4	60.0	63.2	72.0	78.9	80.8	79.6	78.5	71.1	55.4	c53.3	66.8	96 18	Mar. 18	Nov. 16
Switzerland	52.6	50.4	58.8	c62.9	75.2	77.7	81.1	80.1	78.2	70.3	56.8	f55.7	66.7	96 21	Mar. 7	Nov. 18
Tallahassee	52.1	48.4	56.3	62.2	74.0	78.6	80.7	78.5	75.2	67.6	55.1	50.0	64.9	95 17	Mar. 17	Dec. 15
*Tampa	59.6	58.2	63.2	66.6	75.6	80.1	81.8	80.4	80.2	73.8	61.4	58.7	70.0	94 24	Feb. 26	Dec. 19
Tarpon Springs	.....	.....	63.2	.....	.....	.....	.....	c80.9	80.6	74.0	60.6	58.4	.....	....	Mar. 7	Nov. 17
Titusville	.....	57.2	62.9	65.3	74.8	78.4	81.1	79.5	79.4	.....	61.2	58.0	.....	95	Mar. 25	Nov. 17
Waukeenah	.....	.....	.....	.....	.....	.....	.....	.....	.....	68.0	54.2	49.6	.....	....	.....	Nov. 15
Wausau	c53.2	.....	56.5	d62.4	74.8	80.9	83.0	79.8	75.7	65.0	53.2	50.6	.....	107	Mar. 8	Nov. 6
Wewahitchka	53.2	51.7	57.0	62.6	75.5	81.4	81.6	79.4	76.6	66.4	53.0	49.4	65.6	99 15	Mar. 7	Nov. 15
Georgia.																
Adairsville	43.6	c40.5	51.6	54.4	68.4	76.9	f81.3	76.4	69.7	c59.6	46.0	39.6	59.0	96 7	Mar. 21	Oct. 19
*Albany	51.5	46.0	.....	60.8	74.6	80.6	84.4	81.2	75.8	c65.2	55.8	45.0	.....	104 19	.....	Nov. 17
*Allapaha	49.0	47.6	55.4	60.1	73.4	77.7	81.8	79.7	75.5	65.5	52.8	46.0	63.7	102 15	Mar. 17	Nov. 17
Allentown	48.4	45.9	55.8	57.6	.....	.....	82.7	80.1	75.0	64.2	52.0	46.6	.....	104 9	Mar. 22	Nov. 7
Alpharetta	.....	.....	.....	.....	.....	.....	.....	.....	.....	60.4	45.6	39.4	.....	....	.....	Nov. 17
*Americus	46.2	43.8	54.4	58.1	73.6	79.6	83.3	79.8	74.0	63.0	49.8	43.0	62.4	102 10	Mar. 22	Nov. 16
*Athens	42.6	40.3	49.8	53.4	69.6	76.2	80.8	76.2	69.6	d59.0	c46.9	.....	.....	99 13	Mar. 22	Nov. 6†
*Atlanta	44.2	41.0	51.6	54.8	69.4	76.7	80.4	76.0	70.2	61.8	47.2	39.8	59.4	98 6	Mar. 17	Nov. 7
Auburn	44.0	41.0	.....	54.0	68.7	76.0	.....	d76.8	70.8	.....	.....	.....	.....	....	Mar. 28	.....
*Augusta	46.7	45.1	54.6	56.4	72.4	78.4	82.2	79.4	74.4	63.2	49.8	44.4	62.2	99 13	Mar. 17	Nov. 6
*Bainbridge	.....	.....	.....	.....	74.1	79.8	82.3	79.2	74.6	64.6	51.1	49.0	.....	104	.....	Nov. 10†
Blakely	50.6	48.6	.....	.....	.....	c78.8	.....	.....	74.7	.....	.....	.....	.....	....	.....	Nov. 16
Bowersville	.....	.....	.....	55.0	69.8	76.6	81.0	76.6	70.2	61.1	45.6	38.0	.....	98	.....	Nov. 16
Brent	46.6	44.0	53.4	56.8	71.9	77.6	81.8	78.8	73.2	64.0	49.5	48.1	61.7	102 8	Mar. 22	Nov. 6†
*Camak	.....	.....	.....	.....	73.4	78.4	82.4	79.9	72.7	61.8	48.7	42.6	.....	100	.....	Nov. 16†
Clayton	40.2	38.0	47.6	51.6	64.1	72.6	76.4	73.5	66.1	55.4	43.1	37.8	55.5	94 9	Apr. 23	Nov. 3
*Columbus	f46.1	d43.6	.....	59.0	d72.4	c79.2	84.0	c81.8	74.6	64.8	c48.0	42.8	.....	100 13	.....	Nov. 16
Covington	c44.0	43.2	53.2	55.8	70.6	78.2	82.1	77.9	72.5	62.6	48.5	42.6	60.9	104 7	Apr. 4	Nov. 17
Dahlonega	39.6	37.0	47.2	52.9	67.9	75.2	79.0	74.0	68.4	59.6	46.4	39.7	57.2	97 6	Apr. 3	Nov. 17
Diamond	39.6	36.6	47.0	50.1	65.2	72.6	76.4	72.0	65.6	58.0	43.1	38.6	55.4	94 3	Apr. 21	Oct. 19
*Eastman	.....	.....	.....	.....	74.1	80.2	83.8	81.4	76.3	65.4	.....	.....	.....	104	.....	.....
Elberton	45.8	44.0	53.9	57.4	70.6	77.4	81.5	77.6	72.1	63.4	49.6	48.0	61.4	97 11	Mar. 22	Nov. 16†
Experiment	46.4	42.2	54.0	56.4	71.0	77.9	81.2	77.0	71.5	62.6	48.7	41.4	60.9	99 8	Mar. 17	Nov. 13
Fitzgerald	48.9	48.3	57.0	60.8	74.4	79.6	83.1	80.4	76.4	66.3	52.8	47.6	64.6	102 13	Mar. 21	Nov. 16
Fleming	49.7	49.2	56.8	58.7	73.2	77.8	81.0	79.7	77.0	.....	.....	48.4	.....	101 14	Mar. 22	Nov. 7
*Fort Gaines	48.6	48.0	55.3	59.6	73.7	79.8	83.2	80.4	74.4	63.7	50.8	46.0	63.6	104 14	Mar. 17	Nov. 16†
*Gainesville	41.6	38.8	48.7	52.8	69.0	74.8	79.8	75.3	69.6	59.8	45.6	38.2	57.8	99 8	Mar. 22	Nov. 6
Gillsville	44.2	42.6	51.8	55.8	69.0	76.4	80.3	76.0	70.6	62.0	47.8	40.6	59.8	102 8	Mar. 17	Nov. 6†
Greenbush	41.4	39.8	50.4	53.9	67.0	75.4	80.0	76.0	.....	.....	44.8	38.7	.....	100 3	Mar. 22	Nov. 5†
*Griffin	.....	.....	.....	.....	70.8	76.6	82.0	78.4	72.4	63.4	49.4	40.5	.....	101	.....	Nov. 13
Harrison	48.4	45.7	55.1	56.2	72.0	78.8	81.4	78.9	74.6	63.8	50.6	46.1	62.6	99 10	Mar. 22	Nov. 16
Hawkinsville	47.1	45.6	55.4	59.2	c72.7	c78.9	82.3	79.4	74.6	63.8	50.6	44.6	62.8	100 13	Mar. 16	Nov. 17†
Hephzibah	47.9	44.8	54.8	56.2	.....	.....	.....	80.0	75.2	.....	.....	45.7	.....	 10	Mar. 17	Nov. 6
Jesup	49.9	49.0	57.6	61.0	73.8	78.2	81.4	79.4	76.4	65.4	52.2	49.1	64.4	97 16	Mar. 17	Nov. 17
Lost Mountain	c43.5	40.1	51.8	54.7	68.9	76.0	80.4	76.2	70.4	62.7	47.4	40.6	59.4	97 6	Mar. 22	Nov. 7
Louisville	46.8	45.0	55.3	57.2	73.4	79.0	b81.8	179.4	73.9	62.8	49.7	45.4	62.5	101 10	Mar. 22	Nov. 16†
Lumpkin	49.4	46.6	55.5	60.4	73.6	79.8	83.9	79.7	74.8	65.6	52.6	46.6	64.0	105 10	Mar. 16	Nov. 16
*Macon	47.0	44.5	54.6	57.6	71.6	78.0	82.2	78.9	73.2	62.6	49.2	43.6	61.9	101 11	Mar. 17	Nov. 7
Marshallville	49.6	46.0	55.9	60.2	75.0	80.2	83.8	b81.4	75.6	64.9	51.8	45.0	64.1	103 11	Mar. 17	Nov. 6
Mauzy	51.4	49.5	57.5	60.0	74.9	79.8	.....	80.0	77.2	67.5	c54.2	49.9	.....	 14	Mar. 16	Nov. 16
Milledgeville	.....	.....	53.2	56.8	73.1	77.4	80.8	77.6	71.8	61.7	48.3	40.9	.....	97	Mar. 21	Nov. 16†
*Millen	48.8	45.8	56.6	58.9	73.8	79.4	83.2	81.6	75.5	64.2	50.2	47.2	63.8	102 11	Apr. 24	Nov. 9
Morgan	48.2	46.0	55.3	58.2	71.4	77.9	80.8	77.9	74.0	64.0	49.2	45.2	62.3	104 12	Mar. 22	Nov. 16

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Georgia—Continued.																	
Naylor	51.0	50.0	57.8	61.2	73.4	78.8	82.2	80.0	77.2	67.6	53.4	49.8	65.2	103	16	Mar. 22	Nov. 16
*Newnan	42.7	39.0	51.0	54.3	70.2	77.6	82.2	77.0	70.2	60.4	46.4	38.2	59.1	101	8	Mar. 17	Nov. 7
Piscola	51.4	50.4	58.0	63.4													
Point Peter	43.2	41.7	51.1	54.0	69.8	76.9	81.6	77.4	72.3	59.6	45.0	39.9	59.4	102	10	Mar. 22	Nov. 6
Poulan	[e]49.2	47.8	55.7	59.0	72.0	77.6	80.9	78.6	75.3	64.7	50.8	47.5	63.3	101	13	Mar. 22	Nov. 6
Putnam	[f]49.5	45.8	56.4	59.2	72.6							45.6			11	Mar. 22	
*Quitman	50.4	49.4	56.8	60.8	74.4	78.1	81.7	79.1	75.7	65.6	52.2	48.8	64.4	105	15	Mar. 17	Nov. 16
Ramsey	42.1	39.8	51.0	52.6	65.4	74.7	78.6	74.5	68.2	59.4	44.9	41.0	57.7	96	5	Apr. 10	Oct. 15
*Rome	42.2	39.6	49.6	54.4	67.6	77.4	82.0	77.0	70.2	60.2	45.4	38.9	58.7	101	7	Mar. 22	Nov. 6
*Savannah	51.3	49.0	58.0	60.6	74.0	78.7	81.4	79.8	76.8	66.8	54.3	49.4	65.0	97	18	Mar. 17	Nov. 17
Statesboro	[g]48.2	47.0	[h]57.6	59.4	74.7	79.3	82.8	80.1	[k]74.2	65.3	51.8	48.0	64.0	101	14	Mar. 8	Nov. 17
Talbotton	47.3	44.6	53.9	56.8	70.6	76.7	81.4	78.1	72.3	62.8	50.8	43.8	61.6	101	10	Mar. 22	Nov. 16
Tallapoosa	43.8				67.4	75.7											
*Thomasville	51.2	50.0	57.7	62.0	75.6	79.6	82.2	79.2	77.0	68.0	54.4	51.2	65.7	106	16	Mar. 7	Nov. 16
*Toccoa			47.6	52.8	68.6	74.7	79.8	75.0	70.0	60.6	47.0	39.8		95		Mar. 23	Nov. 6
*Union Point					70.6	76.4	80.5	77.8	70.9	60.8	48.6			97			Nov. 9[†]
Valona	51.5	49.9	56.8	59.8	73.8	77.6	81.6	79.7	77.2	66.5	[d]55.0	50.2	65.0	98	17	Mar. 17	Nov. 7
Vidalia	48.9	47.0	55.3	60.2	74.0	79.6	83.2	80.3	76.4			46.5		103	15	Mar. 16	
*Washington					72.0	77.6	82.0	78.6	72.2	61.8	48.2	41.0		98			Nov. 16[†]
Waverly							82.0	80.4	77.5	68.5	53.7	50.6		103			Nov. 16[†]
*Waycross	50.0	48.0	55.6	61.2	74.7	78.6	82.2	79.6	[k]77.0	65.2	51.9	48.1	64.3	99	12	Mar. 17	Nov. 17
*Waynesboro				57.0	72.8	77.0	81.2	79.2	74.4	62.6	50.0	46.1		98			Nov. 16[†]
*Westpoint	46.7	44.8	54.4	56.4	71.4	78.8	82.9	79.6	72.6	62.4	47.9	42.4	61.7	101	9	Mar. 22	Nov. 16
*Woodbury				[i]55.8	70.1	77.4	81.4	77.9	71.2	61.2	47.2	41.0		102			Nov. 6
Idaho.																	
Albion	28.0	29.4	36.0	42.7	55.6	54.2	69.0	77.5	57.2	52.1	42.4	31.9	48.0	101	−22	June 13	Sept. 13
American Falls	27.6	28.8	35.4	43.8	57.2	57.2	73.7	71.1	55.2	51.2	39.7	29.3	47.5	103	− 6	July 1	Sept. 10
Atlanta	22.6	25.0	35.0	36.4	51.5	49.8	63.4	63.7	47.8	47.0				95		July 3	Sept. 4
Blackfoot	25.8	26.4	34.8	43.5	61.4	61.8	74.1	71.8	55.8	51.4	37.6	28.1	47.7	103	−21	June 6	Sept. 10
*Boise	34.8	35.9	42.6	48.2	61.7	60.4	74.8	76.4	58.2	56.8	44.8	35.6	52.5	104	9	June 5	Nov. 2
Burnside	[a]18.1	[j]19.4	26.0	34.8	53.4	52.4	70.6	68.2	52.6	48.6	33.8			96		June 11	Sept. 15
Chesterfield	18.0	17.4	28.1	37.5	52.2	51.8	63.0	61.8	46.0	40.8	30.8	20.2	39.0	99	−25	July 5	Aug. 25
Downey	29.6	28.2	34.4	44.0	55.2	58.2	73.2	68.2	53.1	49.0	40.0	24.6	46.5	102	− 9	July 1	Sept. 19
Forney	21.4	22.4	31.4	38.2	52.9	50.6	63.2	62.8	47.2	44.5	30.8	19.7	40.4	96	−20	July 10	Sept. 4
Garnet	35.6	37.0	45.8	51.0	68.4	68.4	82.6	81.6	62.8	58.8	46.8	37.2	56.3	113	10	Apr. 17	Nov. 2
Grangeville											35.0	24.4					
Hagerman	33.7	36.2	43.5	49.0	62.0	63.0	76.6										
Hailey	[m]19.4	22.8	30.0	39.7	56.5	54.6	69.8	69.4	53.2	51.2	38.7	23.8	44.1	100	− 8	June 5	Sept. 9
Idaho City				43.4	57.9	[n]56.5	68.8	68.8	51.7	52.3	[c]41.1	28.0				July 4	Sept. 7
Lake	19.0	19.9	27.6	35.1	50.2	49.5	62.1	60.4		47.0	36.8	21.4		92	−28	June 14	
Lakeview	29.0	30.0	39.7	44.8	55.2	54.3	65.0	68.1	52.7	50.5	39.5	32.2	46.8	94	6	May 10	Sept. 23
*Lewiston	35.4	39.8	47.4	51.5	63.4	62.6	73.8	78.2	60.6	57.6	44.2	38.1	54.4	107	17	Apr. 8	Nov. 2
Lost River	14.6	18.5	30.0	41.3	56.6	55.6	68.0	67.2	52.2	[c]47.9	33.2	22.0	42.3	99	−23	June 13	Sept. 8
Moscow	28.7	31.2	39.6	43.4	56.4	54.8	63.8	69.6	52.8	54.4	41.1	31.2	47.2	99	7	Apr. 27	Nov. 2
Murray	25.8	26.8	36.7	41.3	54.9	50.8	61.6	65.3	49.4	48.2	36.2	28.8	43.8	94	1	June 8	Sept. 16
Oakley	31.0	31.6	37.6	39.4			73.2	70.5	54.1	52.6	42.2					June 13	Sept. 8
Ola	31.3	32.4	39.2	46.2	59.8	59.8	74.2	75.4	57.6	53.1	40.9	32.1	50.2	107	3	June 4	Oct. 14
Paris	20.3	21.6	30.2	37.6	58.8	56.5	66.9	64.2	54.8	49.2				97		June 10	Sept. 9
Payette	32.8	35.2	42.8	49.0	62.4	62.6	76.6	78.2	61.8	57.2	46.1	35.4	53.3	106	5	June 4	Oct. 16
*Pocatello	29.2	29.8	36.8	44.6	59.0	60.0	76.4	73.0	57.3	52.9	42.2	29.8	49.2	102	−13	Apr. 27[†]	Nov. 2
Pollock	35.0	36.4	42.8	47.0	60.2	57.7	71.1	71.6	55.7	55.5	43.4	34.8	50.9	104	0	June 5	Nov. 2
Porthill[1]	19.8	22.6	33.5				65.6		50.2	46.9	36.6	29.6					Sept. 30
Priest River	27.0	27.8	38.2	42.6	54.8	54.2	62.1	66.7	51.8	48.8	38.7	30.8	45.3	95	1	June 8	Sept. 16
Riddle						55.6	[g]69.0	67.4	53.9	49.2	40.0	29.8		100		June 14	Sept. 7
St. Maries	30.2	31.5	40.1	45.0	57.1	55.5	63.9	68.0	54.4	52.9	40.8	[g]34.0	47.8	97	6	June 8	Sept. 15
Soldier	16.6	18.4	25.5	38.2	53.3	52.9	67.5	67.2				[c]24.0		102	−26	July 5	
Swan Valley	21.9	20.8	31.2	40.2	55.0	54.6	68.1	65.8	50.0		40.5	28.8		102	−22	July 5	Aug. 28
Vernon								67.0	51.2	48.1	36.8	28.8				June 5	Sept. 10
Weston	27.0	28.4	37.0	44.6	59.0	[f]58.1	73.0	69.7	56.0	[c]50.9	[d]40.5	27.6	47.6	104	− 2	June 15	Sept. 17
Illinois.																	
Albion	34.8	28.8	44.0	51.4	63.9	77.4	83.2	76.6	68.6	58.4	40.2	28.5	54.6	109	−10		
Aledo	27.4	17.2	36.9	50.2	60.8	73.6	82.8	74.0	65.8	55.7	37.4	23.0	50.4	108	−15		Oct. 4
Alexander	31.6	24.4	40.8	50.8	62.2	75.6	82.2	75.6	67.0	59.0	39.5	26.0	52.9	109	−18		
Antioch							77.1	69.4	61.4	53.6	35.0	21.6					
Ashton	23.6	13.6	33.8	47.4	58.1	71.2	79.3	70.8	63.4	53.4	31.4	21.8	47.6	108	−16	Apr. 21	Sept. 18
Astoria	30.2	22.3	39.2	49.9	61.6	74.2	81.2	73.7	65.0	55.3	37.6	25.3	51.3	108	−14		Oct. 3
Aurora	23.9	14.2	34.2	47.6	58.7	72.0	80.0	72.2	63.8	54.0	35.4	22.9	48.2	109	−16	Apr. 20	Oct. 3
Bloomington	29.0	21.8	39.7	51.1	61.7	74.8	82.1	75.2	67.1	57.6	37.7	25.0	51.9	108	−13	Apr. 4	Sept. 18
Bushnell	29.2	22.0	38.2	51.6	62.0	76.2	84.4	76.2	66.8	56.5	38.2	24.6	52.2	111	−14		Sept. 20
*Cairo	39.8	34.2	46.8	54.6	66.0	78.6	83.4	77.0	70.9	61.4	46.2	32.6	57.6	106	− 4	Mar. 27	Nov. 4
Cambridge	26.0	17.0	35.4	49.3	60.6	74.0	82.6	73.2	64.4	54.6	35.3	22.6	49.6	107	−12	Apr. 20	Sept. 21
Carlinville	32.8	27.4	41.8	51.4	63.1	77.0	83.8	77.6	68.8	58.5	40.5	27.5	54.2	111	−14		Sept. 18
Centralia		30.7	45.6	52.3	65.2	80.6	86.4	79.1	71.0	60.6	43.9	30.2		115			Oct. 5
*Chemung	20.7	9.6	30.8	46.1	57.0	69.0	78.4	69.0	60.3	52.4	34.2	22.2	45.8	106	−16		Sept. 19
*Chicago	26.0	17.0	34.0	45.0	54.1	69.1	77.4	71.6	64.3	55.4	37.6	24.0	48.0	103	−12	Apr. 19	Oct. 17
Cisne	35.9	28.3	43.7	51.0	62.3	76.9	84.6	77.9	69.6	59.1	41.6	30.2	55.1	113	− 9		Sept. 18
Coatesburg	23.8	27.6	39.9	51.5	63.4	73.7	84.8	77.2	68.0	57.5	39.0	24.8	53.1	111	19		
Cobden	38.6	32.6	46.6	52.8	64.8	78.5	85.2	78.0	71.8	61.8	45.8	30.8	57.3	112	−10		Nov. 4
Danville	28.8	23.4	42.5	48.2	59.8	78.5	80.0	75.2	66.8	55.4	36.4	25.9	51.7	104	−13		Nov. 5
*Decatur	30.6	23.9	40.2	50.0	61.4	74.4	81.7	75.8	67.2	56.5	38.3	25.8	52.2	109	−15		Oct. 5
*Dixon	24.9	14.8	35.6	49.0	59.8	73.1	81.0	73.7	64.8	55.2	35.6	22.8	49.2	108	−14	May 26	Sept. 19
Dwight	26.2	17.2	36.8	47.8	59.6	72.8	81.2	73.0	64.7	55.2	35.4	24.2	49.5	103	−14		
Effingham	33.0	27.0	[c]41.4	51.2	63.6	77.2	82.8	76.4	69.0	56.5	39.6	27.8	53.8	109	− 9	Apr. 21	Sept. 18
Equality	38.4	32.6	47.8	53.0	65.3	79.0	84.3	76.8	70.1	60.0	43.2	30.6	56.8	112	− 9		
Flora	34.8	28.4	43.6	51.0	63.2	76.3	82.8	75.4	67.8	57.8	40.8	29.5	54.3	108	− 9		Sept. 18

[1] Name of station changed to Kootenai Sept. 1, 1901.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
Illinois—Continued.																	
Friendgrove (c)	36.8	29.4	48.2								41.4	29.8					
*Galva	26.2	16.1	35.8	49.1	59.9	73.0	80.9	72.6	63.8	55.2	35.6	22.4	49.2	108	−15		Sept. 18
Grayville	36.6	31.4					83.7	76.6	[h]68.6	59.4	42.2	29.1			− 8		
Greenville	34.4	28.0	42.8	52.8	64.2	77.7	85.8	78.0	70.4	59.8	42.3	27.4	55.3	113	−16	Apr. 21	Sept. 18
Griggsville	32.0	24.8	41.8	52.7	63.8	77.2	84.4	77.4	68.7	59.0	41.4	27.3	54.2	110	−16		
Halfway	37.6	31.9	46.0	62.6	66.0	78.5	84.8	77.4	70.2	[e]60.0	43.8	30.4	56.5	110	− 10		
Halliday	38.1	33.6	47.6	54.4	65.0	76.8	84.5	77.6	70.2	59.2	44.6	31.6	56.9	112	−11		
Havana	31.0	20.6	39.6	51.8	63.5	75.8	82.6	[d]75.2	66.4	56.2	38.7	25.7	52.3	109	−15		
Henry	27.8	17.2	37.7	50.0	60.1	73.6	82.0	73.5	64.4	55.8	36.6	24.9	50.8	111	−15		
*Hillsboro	32.2	26.2	41.0	51.0	62.6	76.8	84.1	77.4	68.8	58.6	40.0	26.7	53.8	109	−13		Sept. 19
Joliet	24.8	15.6	35.2	47.6	58.6	72.2	79.3	71.2	63.6	53.4	35.7	23.2	48.4	104	−13		
Kishwaukee	22.6	13.6	33.4	48.0	58.0	70.6	79.2	70.6	60.8	53.0	[e]36.8	22.0	47.4	108	−15		Sept. 19
Knoxville	26.6	16.2	35.6	47.8	58.9	71.8	80.6	72.2	62.7	54.0	34.8	23.0	48.7	108	−16	May 30	Nov. 8
Lagrange	24.2	14.6	34.6	46.9	57.4	69.8	[k]77.1	70.8	63.2	53.4	36.0	23.2	47.6	104	−14		
Laharpe	29.0	19.8	38.3	50.2	61.4	74.0	82.7	75.4	66.2	55.4	37.6	23.6	51.1	108	−17	May 26	Oct. 4
Lanark	22.4	12.6	33.5	47.2	59.3	72.0	80.7	71.8	62.2	52.2	33.6	21.8	47.4	107	− 20	June 8	Sept. 19
Lasalle				[d]52.0	[e]60.4	74.6	81.7	72.9	65.4	56.8	36.6			107		Apr. 20	Oct. 4
*McLeansboro	36.2	30.0	44.7	52.0	64.6	79.1	84.6	77.0	69.5	59.4	42.5	30.2	55.8	110	−10	Apr. 4	Oct. 18
Martinsville	32.2	25.6	41.6														
*Martinton	27.4	16.4	37.4	47.0	59.2	71.8	79.5	73.2	64.9	54.7	36.8	24.5	49.4	106	−20	May 21	Sept. 19
Mascoutah	34.4	29.1	43.8	51.5	62.4	77.8	83.4	76.0	66.7	57.2	40.4	28.4	54.3	109	−15		Sept. 19
Mattoon	34.6	28.2	[i]42.9	50.4	62.7	75.4	83.4	73.6	69.6	60.8	42.4	31.4	54.6	106	− 7	Apr. 21	Oct. 14
Melrose	32.2	25.6	41.6			75.0	81.6	76.0	68.6	57.2	39.3	27.0		109	−11		Sept. 17
Minonk	27.2	17.0	37.0	48.4	59.4	72.6	80.2	72.8	64.5	55.6	36.4	23.6	49.6	106	−15		Sept. 18
Monmouth	26.6	17.0	36.2	48.9	61.0	73.3	80.4	73.6	64.1	55.4	35.8	22.4	49.6	107	−16		Oct. 4
Monticello	30.6	22.0			60.9	75.1	80.5	74.8	66.7	56.4	[e]36.0	25.4		106	−17		Sept. 18
Morrison							79.0	70.9	62.4	53.2	34.5	22.6					Oct. 4
Morrisonville	31.6	26.0	40.8	50.2	62.0	75.2	82.0	77.1	68.4	57.8	39.4	26.3	53.1	110	−13		
Mount Pulaski	30.4	22.4	40.0	50.9	62.2	75.0	83.2	77.0	68.1	57.0	39.2	25.2	52.6	112	−15		Sept. 18
*Mount Vernon	33.5	27.8	42.1	[e]52.6	65.2	79.2	85.2	77.0	70.2	58.4	43.2	30.4	55.4	112	− 2		
*New Burnside	38.0	30.4	47.1	55.4	66.4	77.8	[d]85.4	78.0	71.2	60.6	44.2	32.7	57.1	112	−10		
Olney	34.8	28.6	43.8	50.8	63.8	77.8	84.6	77.3	70.0	58.2	40.8	29.2	55.0	109	− 8		Nov. 4
Ottawa	28.4	17.8	37.6	50.6	62.2	75.4	83.3	74.7	65.8	56.3	37.6	25.9	51.3	112	−12	Apr. 20	Sept. 18
Palestine	32.6	26.2	41.4	48.8	61.0	75.6	82.2	73.8	66.6	55.9	37.6	27.6	52.4	105	− 7		Sept. 19
Pana	32.7	26.6	41.6	51.0	62.2	75.4	82.9	76.2	68.3	57.6	40.0	26.9	53.4	107	−12		
*Paris	30.7	24.0	39.9	49.2	62.3	74.6	81.4	76.1	69.4	57.4	39.0	25.8	52.5	105	−11		
*Peoria	29.3	20.8	38.7	51.6	62.8	75.6	82.4	75.0	66.5	56.2	38.5	26.5	52.0	106	−10		
Philo	28.6	22.5	39.6	48.8	59.7	73.4	79.5	74.0	66.2	55.0	37.0	25.1	50.8	104	−14		Sept. 18
Plumhill	35.9	29.1	44.0	50.0	62.6	78.1	84.3	77.4	71.4	[f]60.2	42.6	28.6	55.4	109	−15	May 13	Sept. 18
*Rantoul	28.8	21.3	38.4	49.2	60.0	73.2	80.7	74.2	66.0	56.7	40.9	26.0	51.3	106	−13	Apr. 21	Sept. 18
Raum	38.1	32.4	47.0	53.8	66.0	79.8	85.0	78.0	71.8	61.2	44.0	29.8	57.2	108	−13	Apr. 21	
Riley	21.6	12.9	32.0	47.6	58.2	70.6	79.6	71.4	63.0	53.6	34.4	21.2	47.2	107	−16		Sept. 19
Robinson	33.1	27.5	42.9	49.8	61.6	74.8	82.2	76.6	69.0	57.8	40.3	27.8	53.6	108	− 8	Apr. 22	Sept. 18
*Rockford					59.0	72.6	80.5	73.0	62.4								
Roundgrove	20.6	11.8	31.4	45.6	58.5	70.2											
Rushville	30.7	23.4	40.0	51.2	62.2						40.1	24.9			−16	May 26	
St. Charles (c)	24.2	13.6	33.6		61.4	74.8	81.6	72.8	63.4	53.4	33.6	23.2		106	−16		Sept. 19
St. John	38.9	33.0	47.8	53.6	66.3			77.4	69.6	59.0	43.0	30.3			−15	Apr. 21	Sept. 18
Scales Mound	22.2					71.0	80.5	72.8	62.6	53.4	33.6	20.8		103			
Shobonier	33.8	28.0	43.0	51.1	62.4	76.1	83.5	77.5	68.9	57.6	40.4	28.6	54.2	112	−14	May 28	Sept. 18
*Springfield	31.0	24.3	39.8	50.8	62.3	75.6	82.8	75.8	67.4	57.9	39.4	25.5	52.7	107	−11	Apr. 20	Nov. 4
Strawn	27.9	18.8	37.8	48.0	60.0	73.5	80.1	72.8	63.4	53.8	35.8	[e]24.0	49.7	106	−15	May 28	
*Streator	27.3	17.4	37.7	46.4	[e]58.9	72.7	80.4	72.8	63.1	54.8	36.0	24.8	49.4	107	−13		Oct. 5
Sullivan	28.3	22.4	38.9	48.9	60.4	74.4	82.0	76.1	67.8	57.8	39.2	26.0	51.8	111	−14		Sept. 18
*Sycamore	22.4	13.0	33.3	47.5	57.8	71.6	79.2	70.7	62.8	52.9	34.0	22.4	47.3	106	−14		Sept. 19
Tilden	36.5	30.4	45.0	51.9	63.2	77.5	83.9	74.8	68.6	59.6	43.0	27.6	55.2	111	−17		
Tiskilwa	25.7	15.2	34.9	49.0	59.4	73.0	80.9	71.8	64.0	55.3	35.8	22.6	49.0	108	−14		
*Tuscola	29.2	23.6	39.3	49.0	61.2	74.6	81.6	76.2	67.8	56.2	37.3	25.8	51.8	110	−13		
Walnut	27.0	16.8	36.7	50.0	61.0	74.2	81.9	73.4	65.1	[e]56.4	36.5	24.0	50.2	108	−14		Oct. 4
Wellington			38.1	48.4	60.2	73.5	80.6	73.5	65.9	55.6	37.5	25.8		104			
Winchester	31.3	24.8	40.4	50.0	63.6	77.5	86.6	77.2	68.3	57.8	40.4	26.2	53.7	112	−15	Apr. 21	Oct. 3
Winnebago	22.4	13.0	32.9	48.0	58.6	71.2	80.4	71.8	63.0	52.7	34.0	21.4	47.5	110	−16	June 9	Sept. 18
Yorkville	24.6	12.8	35.0	45.6	56.9	71.2	78.8	71.0	63.6	53.9	36.1	23.2	47.7	106	−20	May 17	Oct. 3
Zion	23.1	15.6	33.2	48.3	59.9	71.6	80.6	72.1	62.7	53.6	33.8	20.6	47.9	106	−15		
Indiana.																	
Anderson	29.0	23.2	39.2	47.7	59.1	72.9	80.6	74.5	67.1	56.0	39.0	26.4	51.2	104	−11	Apr. 21	Sept. 19
Angola	24.6	16.0	32.8	46.8	56.4	69.2	76.2	71.5	63.4	52.6	36.0	24.8	47.5	96	−13	Apr. 21	Oct. 5
*Auburn	26.4	15.9		46.7	57.9	70.8	78.7	71.6	62.2	52.5	[i]36.2	25.6		101	−13	May 13	Sept. 19
Bedford				50.0		76.2	84.2	77.0				31.2				Apr. 21	
*Bloomington		23.3	42.6	48.0	61.0	72.0	80.7	75.2	68.6	60.3	[e]42.2	28.6		103		Apr. 20	Oct. 2
Bluffton	28.0	19.2		47.7	59.0	71.8	79.8	73.8	65.1	54.7	37.5	26.0		103	−12	May 13	Sept. 19
Bright	32.3	25.7	39.6	46.9	63.4	73.8	83.4				39.6					Apr. 21	
Butlerville	32.4	26.2	43.6	48.9	61.7	73.0	81.8	75.8	67.4	56.5	39.5	29.4	53.1	109	−13	Apr. 24	Oct. 3
*Cambridge City	29.2	22.4	39.4	46.9	59.0	70.8	78.7	73.2	63.8	52.8	35.8	24.0	49.7	106	−17	May 13	Sept. 19
*Columbus	32.6	26.7	42.8	49.1	62.5	74.0	82.3	76.6	67.5	55.8	39.2	28.4	53.1	111	−15	Apr. 22	Oct. 4
Connersville	29.8	23.4	39.4	47.6	60.8	72.6	80.1	74.7	65.8	53.5	38.0	26.6	51.0	107	−18	Apr. 21	Sept. 18
Crawfordsville	30.4	21.6		49.7	63.2	77.0	[d]86.2	[k]77.2	[h]69.2	57.8		26.2		108	−10	Apr. 21	Oct. 12
*Delphi	26.8	18.6	36.3	48.0	59.4	72.6	80.0	74.2	65.6	54.2	37.0	25.8	49.9	104	−12	Apr. 20	Sept. 19
Edwardsville (a)	35.9	30.7	46.0	52.2	64.4	76.3	81.4	76.7	69.4	59.9	42.2	31.7	55.6	100	−10	Apr. 20	Oct. 17
*Evansville	37.4	31.4	45.4	52.6	64.8	78.2	84.4	77.2	70.8	60.8	43.8	30.4	56.4	107	− 6	Mar. 21	Nov. 4
Fairmount	27.4	19.2	37.3	48.3	59.5											Apr. 21	
*Farmland	29.6	22.8	38.6	46.6	58.1	71.2	81.2	72.2	65.2	54.8	37.4	25.8	50.3	100	−10	Apr. 21	Oct. 17
Franklin (a)	32.1	26.9	41.5	50.8	62.4	73.7	81.7			55.6	38.9	27.9			− 8	Apr. 1	Oct. 3
Greencastle	30.2	24.0	40.0	48.6	60.0	72.8	81.4	75.0	66.8	56.2	38.7	28.6	51.7	105	−11	Apr. 22	Nov. 4
Greensburg		21.8	41.0	50.0	61.6		[d]80.0			56.1		28.4				Apr. 21	Oct. 3
Hammond	26.8	17.0	36.0	44.4	56.4	71.0	78.0	70.8	65.0	55.6	35.6	22.8	48.3	104	−15	Apr. 23	Oct. 4
Hector	29.4	21.2	37.8	47.2	59.3	72.1	79.5	72.6	68.2	55.0	36.8	25.7	50.4	102	−12	May 13	Sept. 19

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Indiana—Continued.																	
Huntington	27.8	18.3	36.4	48.2	59.6	73.5	80.7	.....	.....	53.0	38.2	25.2	.....	.....	− 8	Apr. 20	Oct. 4
*Indianapolis	30.0	24.0	39.8	49.2	60.2	73.6	82.0	75.2	67.4	56.7	39.2	26.9	52.0	106	−10	Apr. 21†	Oct. 18
Jeffersonville	33.8	31.6	46.0	50.8	63.8	75.6	82.8	76.8	68.6	57.7	41.3	31.6	55.0	103	− 7	Apr. 9	Oct. 15
Knightstown	29.2	23.2	[c]37.4	48.2	61.0	73.8	82.8	74.7	67.0	54.9	39.1	27.6	51.6	107	−12	May 13	Oct. 4
Kokomo	29.0	21.4	37.6	.....	.....	73.5	81.3	74.3	65.9	55.0	39.2	26.6	.....	102	− 9	Apr. 20	Oct. 3
*Lafayette	28.0	20.3	38.7	48.7	59.5	72.9	81.1	75.5	66.8	56.1	39.2	26.0	51.1	104	−11	Apr. 21	Oct. 5
Laporte	26.0	17.7	35.2	47.8	58.8	72.4	80.6	73.2	65.6	55.4	38.6	25.1	49.7	108	−12	Apr. 20	Oct. 5
*Logansport	28.3	21.8	37.8	46.6	59.6	72.8	81.0	74.4	65.0	53.0	37.0	25.0	50.2	105	−12	Apr. 22	Oct. 5
*Madison	34.2	28.0	44.0	50.0	63.5	74.5	82.6	76.6	68.4	57.6	39.5	29.5	54.0	106	−10	Apr. 21	Oct. 4
Marengo	34.4	28.2	45.0	49.4	62.4	74.2	80.7	75.2	66.1	54.8	40.1	29.1	53.3	106	−19	Apr. 23	Oct. 3
*Marion	28.2	20.9	38.6	48.6	59.7	73.0	81.1	75.2	66.2	55.7	38.4	25.6	50.9	105	−12	May 15	Sept. 19
Markle	27.2	18.2	37.8	47.8	58.4	70.2	78.2	72.8	64.6	54.3	37.2	25.2	49.3	101	−13	Apr. 21	Sept. 19
Mauzy	29.6	22.8	[c]40.4	46.8	59.8	72.4	80.2	74.3	66.3	55.4	37.8	25.5	50.9	108	−16	Apr. 24	Oct. 3
Mount Vernon	36.4	32.2	45.2	51.4	64.5	77.8	82.9	77.7	71.8	.....	42.6	29.2	.....	109	− 8	Apr. 21	Oct. 17
Northfield	27.0	21.3	38.4	47.0	58.3	72.0	79.8	73.2	64.4	53.6	37.0	24.9	49.7	103	−13	Apr. 22	Sept. 19
Paoli	34.4	28.6	44.1	49.7	62.7	74.9	82.8	77.0	68.4	58.2	40.4	29.8	54.2	111	−18	Apr. 22	Sept. 19
Peru	29.0	22.2	.....	46.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 22	.....
Prairie Creek	[d]32.4	27.4	43.6	.....	.....	.....	83.2	76.8	70.2	58.0	40.0	28.0	.....	.....	− 9	Apr. 21	Sept. 19
Princeton	33.8	28.6	43.1	51.0	63.4	76.8	83.1	75.8	67.3	56.4	39.8	28.2	53.9	111	− 8	Apr. 21	Oct. 5
Rensselaer	27.8	20.6	.....	.....	.....	.....	81.8	74.3	64.4	55.1	37.5	26.3	.....	.....	−15	Apr. 19	Oct. 3
Richmond	30.0	23.0	40.7	47.4	59.7	71.8	78.5	73.6	65.4	53.7	37.5	26.8	50.7	102	−16	May 13	Sept. 19
Rockville	29.6	23.0	40.2	49.8	59.6	71.6	80.3	74.8	67.0	56.2	38.8	25.5	51.4	104	−12	Apr. 21	Oct. 3
Salem	34.4	28.7	45.0	50.4	63.4	75.0	82.4	76.8	68.6	56.6	40.4	29.6	54.3	112	−17	May 13	Sept. 19
Scottsburg	34.8	29.6	45.0	50.2	63.4	74.0	84.6	77.6	68.0	57.0	40.1	30.6	54.6	109	− 9	Apr. 21	Oct. 18
Seymour	31.7	25.6	42.0	50.2	61.9	75.2	82.2	76.0	65.6	55.9	38.8	28.0	52.8	105	−11	May 13	Oct. 18
Shelbyville	31.9	25.4	[c]40.2	51.4	.....	.....	[e]83.8	76.4	.....	.....	.....	.....	.....	.....	.....	Apr. 21	.....
*South Bend	26.2	16.2	35.4	47.4	58.0	71.0	79.4	73.0	65.2	55.2	38.0	24.4	49.1	103	−15	May 15	Oct. 5
Syracuse	[d]25.4	15.0	35.2	47.0	58.0	71.3	79.6	73.6	65.0	54.6	36.2	24.1	48.8	103	−13	Apr. 22	Sept. 19
*Terre Haute	33.0	25.6	42.4	51.7	63.3	77.2	83.6	77.4	69.7	57.9	39.7	27.7	54.1	104	− 7	Apr. 21	Nov. 4
Topeka	28.6	19.3	36.4	47.1	56.6	69.6	78.0	71.9	63.5	53.6	37.3	24.4	48.9	102	− 9	Apr. 21	Oct. 5
Valparaiso	24.8	15.2	.....	.....	.....	72.6	79.8	73.2	65.2	53.8	36.0	22.9	.....	.....	−14	.....	Oct. 4
Veedersburg	29.2	22.2	41.0	48.9	60.4	72.6	80.0	76.5	67.4	58.8	37.8	27.8	51.9	105	−12	Apr. 22	Sept. 19
Vevay	33.9	29.5	44.6	49.9	63.4	74.6	83.2	76.8	68.6	57.8	42.2	32.6	54.8	105	− 5	Apr. 20	Nov. 2
*Vincennes	32.4	27.4	43.0	50.5	64.0	78.3	85.4	78.0	70.5	57.9	40.0	28.0	54.6	109	− 6	Apr. 9	Nov. 4
*Washington	33.7	27.0	42.1	48.0	63.8	76.0	83.5	76.6	68.9	57.3	40.4	28.2	53.8	100	− 9	Apr. 21	Oct. 5
Winamac	27.6	.....	41.6	48.8	59.8	72.2	[e]81.2	.....	64.4	53.6	36.1	23.8	.....	.....	.....	Apr. 20	Sept. 18
Worthington	31.2	25.5	42.2	50.6	62.1	74.6	81.3	75.6	68.4	56.8	38.9	26.8	52.8	109	− 8	Apr. 21	Sept. 18
Indian Territory.																	
*Ardmore	.....	.....	.....	.....	.....	.....	88.1	84.2	78.3	70.1	55.2	42.5	.....	.....	.....	.....	Nov. 3
Bengal	44.6	40.8	49.9	57.9	67.8	77.5	84.2	79.5	72.0	63.2	50.2	38.6	60.5	107	3	Apr. 19	Oct. 13†
Chickasha	[c]42.7	38.0	52.3	59.6	69.2	81.0	86.9	83.0	74.1	66.8	52.2	39.6	62.1	109	0	Apr. 18	Oct. 14
Claremore	39.8	39.4	47.4	[c]56.2	67.6	[b]81.5	87.0	84.0	.....	.....	.....	.....	.....	.....	.....	Apr. 18	Oct. 14
*Durant	.....	.....	.....	.....	.....	.....	.....	.....	74.7	67.4	55.0	44.0	.....	.....	.....	.....	Nov. 4
Fairland	40.0	36.4	46.0	55.0	[c]65.2	.....	85.2	79.6	71.3	63.2	51.5	[c]34.0	.....	.....	− 3	Apr. 18	Nov. 4
Hartshorne	46.8	41.7	51.8	[c]57.8	71.2	[d]81.8	87.0	82.3	74.4	68.8	53.8	44.0	63.4	108	5	.....	Oct. 14
Healdton	46.4	40.6	53.0	59.8	69.0	79.8	85.8	82.3	75.6	67.7	52.4	41.6	62.9	110	4	Apr. 18	Oct. 14
*Holdenville	.....	.....	.....	57.7	68.3	77.0	83.4	81.2	73.6	65.7	53.0	39.8	.....	104	.....	Apr. 18	Nov. 4
Lehigh	46.8	41.4	58.2	59.9	70.1	[a]76.6	85.5	82.4	.....	.....	.....	.....	.....	111	.....	Apr. 18	.....
*Marlow	42.7	40.2	54.2	60.6	69.6	79.1	85.8	83.1	74.6	66.8	53.8	39.2	62.5	108	0	Apr. 18	Oct. 14
*Muscogee	42.5	38.5	49.0	57.4	67.9	78.2	85.6	81.5	73.8	66.0	52.0	40.1	61.0	108	5	Apr. 18	Oct. 14
Pauls Valley	45.8	40.5	51.6	58.8	68.2	78.1	84.8	82.6	71.8	[d]67.3	[d]52.5	39.4	61.8	108	2	Apr. 18	Oct. 14
Roff	.....	.....	.....	.....	.....	.....	[e]87.0	82.7	75.4	69.0	[c]54.0	[d]40.4	.....	.....	.....	.....	Nov. 16†
Ryan	46.2	41.2	56.0	61.7	71.2	81.6	88.4	85.5	77.3	69.0	56.4	44.6	64.8	108	6	Apr. 18	Nov. 4
Sapulpa	.....	.....	.....	59.2	68.2	79.5	86.0	82.4	.....	.....	.....	.....	.....	109	.....	.....	.....
Tahlequah	42.1	38.4	47.7	57.4	67.8	77.8	85.3	80.8	73.7	64.6	[c]50.8	38.0	60.4	110	1	Apr. 19	Oct. 14
Wagner	40.9	37.7	49.0	58.4	68.9	82.1	89.2	[e]83.7	74.1	65.2	47.6	.....	.....	116	.....	Apr. 18	Nov. 16
*Webbers Falls	44.0	40.2	51.0	59.0	69.6	80.4	[e]87.0	83.5	75.6	65.4	51.8	37.4	62.1	111	5	Apr. 19	Oct. 14
Iowa.																	
Afton	26.0	19.7	35.0	49.6	61.0	73.4	82.6	73.6	62.9	55.0	38.4	21.8	49.9	107	−17	Apr. 22	Sept. 17
Albia	26.0	20.9	35.0	49.3	60.4	73.2	83.8	73.6	64.6	55.2	37.0	21.8	50.1	110	−18	Apr. 21	Sept. 18
Algona	20.3	16.7	32.0	49.5	60.0	71.4	82.2	72.6	60.6	53.6	33.3	18.4	47.6	106	−24	May 12	Oct. 17
Alta	[d]21.1	17.4	31.8	48.5	59.7	69.4	81.2	72.9	60.4	52.0	34.0	17.2	47.1	105	−26	May 12	Sept. 20
Amana	24.3	15.1	36.4	50.3	60.8	73.2	82.0	72.8	63.8	54.4	35.1	20.6	49.1	104	−18	Apr. 20	Oct. 3
Ames	25.6	18.0	34.3	49.0	61.4	74.4	83.3	72.8	61.6	53.9	37.9	20.5	49.2	109	−19	Apr. 20	Oct. 4
Atlantic	24.3	19.4	36.0	49.2	60.4	72.4	82.3	74.7	63.4	53.4	36.7	20.7	49.4	110	−25	May 26	Sept. 17
Audubon	.....	18.3	.....	.....	60.0	.....	.....	.....	.....	.....	36.6	[c]19.2	.....	.....	.....	.....	.....
Bancroft	21.0	17.2	31.8	48.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baxter	23.3	15.2	36.8	49.4	60.6	71.8	82.2	73.4	63.4	55.0	35.8	20.0	48.9	105	−19	Apr. 21	Oct. 4
Bedford	[b]28.1	20.4	34.8	50.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Belknap	28.6	[c]19.0	38.8	51.7	63.0	74.6	85.0	75.8	67.0	57.8	43.6	.....	.....	107	.....	Apr. 20	Oct. 4
Belleplaine	23.8	16.0	[d]34.3	49.2	60.6	[c]72.5	81.6	72.8	65.2	53.8	[c]33.7	.....	.....	104	.....	Apr. 20	Oct. 4
Bonaparte	28.8	19.2	37.4	50.6	62.4	74.8	84.8	77.2	67.2	57.0	38.2	22.8	51.7	112	−15	Apr. 21	Oct. 4
Britt	19.2	15.4	31.0	48.1	58.3	70.2	79.4	70.2	60.0	50.2	32.0	16.2	45.8	104	−27	May 25	Sept. 18
Burlington	29.6	21.0	39.0	52.8	63.3	75.4	83.6	76.4	67.6	58.0	39.2	24.5	52.5	107	−14	Apr. 21	Oct. 3
*Carroll	24.0	20.0	35.0	49.7	59.0	71.1	83.0	74.0	60.7	54.0	37.0	21.0	49.0	109	−20	May 12	Sept. 18
*Cedar Rapids	25.8	15.2	34.6	51.2	61.8	74.2	83.0	74.2	65.4	55.5	36.2	21.4	49.0	107	−18	Apr. 21	Oct. 4
*Centerville	28.6	20.9	.....	.....	.....	.....	85.2	76.0	66.4	57.0	40.6	.....	.....	.....	.....	.....	Sept. 18
Charlton	27.0	19.8	36.4	49.4	60.4	73.2	83.7	74.3	65.2	56.0	37.8	22.1	50.4	109	−16	Apr. 20	Sept. 18
*Charles City	19.4	13.2	31.4	48.6	60.4	70.2	81.1	72.4	61.6	51.0	32.4	15.8	46.5	108	−23	Apr. 21	Oct. 3
*Clarinda	27.0	22.0	37.4	51.4	61.5	74.0	83.6	76.1	66.1	57.4	39.2	23.4	51.6	110	−19	Apr. 21	Sept. 17
Clearlake	19.6	14.6	30.6	50.1	62.8	72.0	80.9	74.7	61.4	54.0	37.4	21.8	48.3	106	−26	May 12	Oct. 3
Clinton	24.4	14.8	34.7	49.4	61.0	73.3	80.6	73.4	63.2	53.6	33.9	22.4	48.7	106	−12	May 26	Oct. 4
College Springs	27.1	21.3	36.5	50.4	61.0	74.8	83.2	75.6	65.4	56.5	39.2	22.7	51.1	107	−19	Apr. 20	Sept. 17
Columbus Junction	27.6	17.4	37.0	52.4	63.0	75.6	84.8	75.0	66.7	55.0	36.4	22.0	51.1	109	−14	Apr. 20	Oct. 4
Corning	26.4	19.7	35.2	48.8	60.8	72.6	80.7	74.0	63.9	54.2	37.0	21.4	49.6	106	−19	Apr. 22	Sept. 18

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Iowa—Continued.																	
Council Bluffs	27.6	22.8	37.2	52.6	62.1	74.9	85.8	77.1	65.8	56.5	40.9	23.4	52.2	108	−15	Apr. 18	Sept. 18
Cresco	16.4	e11.2	29.0	48.0	58.6	69.1	78.6	71.2	59.2	51.0	31.2	15.4	44.9	106	−29	May 12	Sept. 18
*Davenport	26.6	15.7	35.8	50.5	61.3	74.2	83.0	74.2	65.4	55.6	36.8	22.8	50.2	106	−13	Apr. 21	Oct. 4
Decorah	19.4	11.8	30.6	48.2	59.8	71.2	80.4	71.6	60.6	451.2	31.4	18.0	46.2	107	−24	May 26	Oct. 4
Delaware	20.5	11.8	30.3	48.0	58.4	71.3	81.0	72.5	61.7	51.8	32.5	19.1	46.6	108	−21	Apr. 22	Sept. 18
Denison	22.8	18.0	33.1	48.8	58.7	72.2	82.4	74.5	62.1	52.8	35.0	19.2	48.3	106	−21	May 26	Sept. 17
*Des Moines	26.3	20.0	35.8	50.4	61.6	73.4	84.0	75.0	64.8	56.2	37.6	21.9	50.6	109	−18	Apr. 20	Oct. 4
Desoto	26.2	20.6	36.4	50.6	62.6	75.5	.....	75.1	64.8	55.4	37.3	22.8	.....	.....	−16	Apr. 29	Oct. 4
Dows	20.6	15.2	32.5	48.0	59.1	70.4	80.5	70.8	61.1	52.4	33.0	18.2	46.8	106	−23	May 12	Sept. 17
*Dubuque	23.6	14.5	32.8	50.1	60.2	72.5	82.2	73.6	62.8	54.4	35.3	21.8	48.6	106	−17	Apr. 21	Oct. 4
Eldon	27.6	18.2	37.7	50.8	62.2	75.2	85.1	75.9	66.4	56.2	37.6	22.4	51.3	112	−20	Apr. 21	Oct. 4
Elkader	e20.2	13.8	33.4	50.6	61.6	73.0	81.8	74.4	62.8	54.0	34.8	19.3	48.3	111	−21	Apr. 21	Oct. 4
*Estherville	17.8	15.6	30.3	45.6	57.4	69.4	80.4	70.4	e58.3	49.2	31.2	14.9	45.0	107	−30	May 25	Sept. 20
Fayette	20.5	12.3	31.3	47.6	59.0	e70.6	82.4	72.0	60.6	51.2	32.2	17.1	46.4	110	−24	.....	.....
*Forest City	19.4	14.4	30.4	48.4	59.7	69.3	82.6	71.4	60.8	52.6	33.4	17.4	46.6	106	−28	May 12	Sept. 18
Fort Dodge	22.0	18.0	32.4	48.1	60.2	70.7	81.3	71.6	62.8	53.0	34.2	20.6	47.9	107	−22	.....	.....
Fruitland	25.7	15.8	36.2	51.6	63.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 22	.....
Galva	e23.4	18.6	32.5	49.7	e59.3	e72.2	82.3	73.8	62.8	e52.6	34.6	e19.8	48.5	106	−25	May 12	.....
Glenwood	28.8	22.0	37.4	52.2	62.2	74.6	84.8	76.5	65.0	56.6	39.5	23.2	51.9	106	−16	Apr. 18	Sept. 18
Grand Meadow	.....	12.4	e31.8	49.0	59.1	69.8	80.8	72.5	59.2	51.8	32.6	17.5	.....	108	.....	Apr. 21	Oct. 4
Greene	20.9	15.6	32.2	49.5	60.6	72.0	82.6	73.6	62.4	52.6	33.6	18.3	47.8	111	−23	Apr. 18	Sept. 18
Greenfield	25.8	20.8	36.2	50.1	61.2	72.8	82.4	75.2	64.4	56.3	37.5	e20.1	50.2	106	−22	Apr. 22	Sept. 18
Grinnell	24.3	17.4	34.3	49.4	59.0	.....	.....	.....	64.4	56.6	35.1	20.2	.....	.....	−18	Apr. 18	Oct. 4
Grinnell (near)	23.4	16.7	34.0	49.8	61.2	72.9	83.0	74.1	64.6	55.8	34.9	20.0	49.2	103	−19	Apr. 20	Oct. 4
Grundy Center	22.1	15.6	32.7	49.0	59.9	70.7	80.2	72.4	62.4	54.0	34.0	17.8	47.6	105	−25	May 14	Sept. 18
Guthrie Center	29.6	.....	35.4	.....	.....	75.9	81.8	73.8	62.8	54.3	36.8	21.7	.....	106	.....	.....	Sept. 18
Hampton	.....	d17.0	e33.4	50.2	61.7	72.2	82.4	74.6	63.6	54.2	35.0	19.0	.....	109	.....	Apr. 22	Oct. 3
Harlan	23.5	19.2	34.8	49.8	60.8	73.2	82.4	73.9	64.2	53.7	35.7	19.6	49.2	111	−22	May 13	Sept. 18
Hedrick	f26.6	17.8	35.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hopeville	26.2	20.0	35.6	49.8	60.2	72.1	83.0	75.3	64.8	56.2	37.6	21.4	50.2	105	−17	Apr. 19	Sept. 18
Humboldt	22.3	17.8	33.8	49.1	60.1	72.0	83.0	72.0	61.8	52.6	33.9	20.2	48.2	108	−24	Apr. 22	Sept. 17
Independence	.....	12.8	32.0	48.6	59.0	70.7	81.2	72.6	62.1	52.5	33.2	18.3	.....	106	.....	Apr. 21	Sept. 18
Indianola	.....	19.5	36.5	50.4	61.6	73.2	84.6	75.8	64.9	55.8	37.3	21.0	.....	109	.....	Apr. 19	Oct. 4
*Iowa City	24.7	14.6	35.3	51.0	62.3	73.8	83.2	74.8	65.7	55.6	35.4	21.8	49.8	108	−21	Apr. 21	Oct. 4
*Iowa Falls	20.8	14.5	31.2	48.2	59.8	70.6	80.0	70.8	61.0	51.8	32.3	17.4	46.5	104	−22	Apr. 21	Sept. 18
*Keokuk	30.6	21.9	38.6	51.6	63.0	76.2	85.1	77.2	67.4	58.2	39.2	25.2	52.8	108	−12	Apr. 18	Nov. 3
*Keosauqua	.....	21.8	38.8	52.6	63.2	76.3	85.8	76.6	67.3	57.0	39.2	23.8	.....	110	.....	Apr. 21	Oct. 4
Knoxville	25.2	18.2	36.8	51.0	.....	74.0	84.7	74.9	65.8	57.0	38.3	22.6	.....	109	−17	.....	Oct. 4
Lansing	22.6	15.8	33.0	51.4	61.5	71.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 21	.....
Larchwood	21.8	17.9	32.6	49.6	59.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 12	Sept. —
Larrabee	21.4	17.4	32.4	48.9	57.8	68.8	82.0	72.9	60.6	51.3	33.4	19.0	47.2	108	−26	May 13	Sept. 17
Lemars	22.8	18.2	34.4	49.8	59.5	70.4	81.4	72.9	60.6	52.4	35.1	20.4	48.2	105	−31	May 25	Sept. 18
Lenox	25.8	19.7	36.0	49.5	60.0	71.5	82.0	75.1	64.5	55.5	37.7	21.2	49.9	104	−23	Apr. 19	Sept. 17
Logan	23.1	20.6	37.4	51.0	61.6	71.9	83.4	76.2	62.3	52.2	36.4	21.5	49.8	110	−20	May 26	Sept. 18
*Maquoketa	d25.6	14.2	35.4	50.1	59.8	71.8	80.6	72.2	63.6	54.6	37.0	23.6	49.0	108	−18	May 26	Sept. 19
*Marshalltown	24.4	18.2	35.0	50.4	61.5	73.0	82.6	74.2	64.2	55.5	35.6	20.8	49.6	108	−20	Apr. 21	Oct. 4
Monticello	22.7	15.2	32.6	49.6	61.2	70.6	.....	70.4	62.3	52.6	33.8	20.8	.....	.....	−18	Apr. 22	Oct. 4
Moosr	.....	20.2	32.6	.....	60.4	.....	79.7	73.4	.....	55.6	.....	.....	.....	.....	.....	May 8	.....
Mountayr	26.7	20.2	35.8	49.8	60.4	72.8	82.9	75.8	65.5	56.8	38.8	21.4	50.6	109	−19	Apr. 20	Sept. 18
Mount Pleasant	28.0	19.0	37.0	50.2	61.3	73.4	82.0	72.2	63.6	53.8	35.4	21.1	49.8	109	−17	Apr. 21	Sept. 18
Mount Vernon	21.8	e16.0	33.5	50.3	61.2	74.4	84.8	76.7	65.8	56.8	36.0	d22.2	50.0	107	−14	Apr. 21	Oct. 4
New Hampton	20.0	12.6	30.2	48.6	58.5	69.0	79.6	e72.0	60.9	51.7	31.5	16.0	45.9	103	−25	May 12	Sept. 18
Newton	24.8	17.6	34.2	49.7	62.2	72.8	83.1	73.8	64.2	55.5	35.5	19.6	49.4	107	−22	Apr. 20	Oct. 4
Northwood	17.5	15.4	32.5	50.2	59.6	68.8	79.8	71.9	60.4	52.0	32.6	17.6	46.5	105	−25	May 12	Sept. 18
Odebolt	23.4	19.4	34.7	49.9	60.8	72.8	84.2	75.7	62.3	53.2	35.2	20.5	49.3	109	−21	May 12	Sept. 18
*Ogden	22.5	17.0	33.6	49.4	60.2	70.7	82.2	73.2	63.0	53.5	35.2	21.2	48.5	108	−22	May 12	Sept. 17
Olin	20.4	13.2	32.7	49.2	59.8	72.8	e81.2	70.9	62.4	52.8	33.8	e23.2	47.7	103	−18	Apr. 21	Sept. 18
Onawa	25.3	21.9	36.2	51.2	61.8	72.0	82.4	75.0	63.6	54.2	37.8	21.4	50.2	103	−18	Apr. 20	Sept. 18
Osage	18.6	12.6	29.1	46.8	58.0	68.7	77.8	70.4	59.4	51.4	31.9	17.0	45.1	101	−24	May 12	Sept. 20
*Osceola	.....	.....	.....	.....	61.0	73.0	84.1	74.6	63.6	56.7	.....	.....	.....	107	.....	Apr. 19	Sept. 18
Oskaloosa	25.8	18.0	36.1	50.4	61.2	73.4	84.0	74.5	65.0	55.8	36.6	21.4	50.2	107	−17	Apr. 21	Oct. 4
Ottumwa	29.4	e21.0	e38.6	51.0	63.0	.....	86.0	75.8	67.0	57.0	38.6	24.8	.....	.....	−14	Apr. 19	Oct. 4
Ovid	e26.4	19.4	35.2	49.6	61.2	73.4	85.2	76.3	66.8	58.2	39.2	22.2	51.1	112	−18	Apr. 22	Sept. 18
Pacific Junction	26.6	22.6	36.4	51.8	61.0	73.4	83.3	75.6	65.2	55.6	38.8	22.8	51.1	107	−21	Apr. 20	Sept. 17
Pella	25.0	16.6	d36.2	51.2	62.0	74.4	84.8	74.6	e63.5	57.2	38.4	.....	.....	110	.....	Apr. 21	Oct. 4
Perry	e26.9	19.5	e35.4	50.2	61.0	72.9	84.1	74.2	63.6	.....	37.2	21.0	.....	110	−18	Apr. 19	.....
Plover	21.2	17.4	31.3	49.0	60.0	70.2	81.8	71.1	61.4	51.6	34.1	e18.8	47.3	109	−27	May 25	Sept. 20
Prunghar	20.4	.....	f32.8	.....	62.4	.....	e83.6	76.2	e62.6	.....	.....	.....	.....	.....	.....	.....	.....
Redoak	25.8	19.9	36.1	51.0	61.4	73.9	83.0	76.2	65.6	56.4	40.0	27.0	51.4	101	−13	May 26	Sept. 18
Ridgeway	22.1	15.8	32.1	50.5	61.0	72.1	80.9	73.7	61.4	53.4	34.4	18.9	48.0	105	−26	Apr. 22	Oct. 4
Rockwell City	e24.0	18.8	34.6	49.2	60.4	68.4	81.4	73.0	62.4	53.8	35.4	20.7	48.5	106	−20	Apr. 19	Oct. 4
Ruthven	15.3	15.1	g29.6	e47.6	.....	.....	81.8	e75.2	.....	.....	.....	.....	.....	.....	.....	May 25	.....
Sac City	23.0	18.8	33.4	49.2	59.8	71.1	82.8	73.9	62.0	53.2	35.2	18.4	48.4	108	−22	Apr. 20	Sept. 17
St. Charles	.....	.....	36.7	50.4	61.4	73.6	83.9	75.2	65.1	57.8	39.7	22.5	.....	108	.....	Apr. 20	Oct. 4
Scranton	24.1	19.4	34.3	48.9	61.0	72.7	82.2	73.6	62.6	54.4	36.6	22.8	49.4	105	−12	Apr. 20	Oct. 4
Sheldon	20.0	15.3	31.8	49.2	e59.6	68.7	79.6	72.4	60.8	51.8	33.5	17.5	46.7	104	−27	May 25	Sept. 18
*Sibley	19.6	16.8	e32.8	e48.5	59.6	68.4	79.5	72.6	60.3	51.8	33.6	e16.1	46.6	106	−29	June 7	Sept. 17
Sigourney	26.8	19.0	37.0	52.3	62.7	76.0	85.4	75.8	66.0	55.8	38.2	22.1	51.4	113	−16	Apr. 21	Oct. 4
Sioux Center	21.2	18.3	e34.4	48.7	60.0	69.8	.....	72.3	61.0	52.9	34.7	18.3	.....	.....	−27	May 25	Sept. 17
*Sioux City	24.2	20.0	35.0	50.4	60.8	71.5	82.6	74.4	62.3	54.6	36.8	20.3	49.4	106	−22	Apr. 19	Sept. 17
Spirit Lake	18.1	e17.2	d32.4	.....	59.3	69.2	82.2	74.4	59.8	.....	.....	18.7	.....	108	−27	May 12	Sept. 17
*Storm Lake	21.8	17.4	32.2	48.3	59.0	70.0	81.5	73.4	61.4	52.3	34.4	17.0	47.4	104	−27	May 25	Sept. 17
Stuart	23.6	18.6	34.0	51.4	60.4	72.4	86.1	75.8	.....	.....	.....	.....	.....	108	.....	Apr. 20	.....
Thurman	28.0	22.0	36.2	50.8	61.0	74.0	82.7	74.2	64.0	55.0	37.4	22.2	50.6	102	−27	Apr. 21	Sept. 18
Tipton	.....	.....	.....	.....	.....	.....	.....	.....	65.8	55.6	36.1	23.2	.....	.....	.....	.....	Oct. 4
Toledo	21.2	e17.0	e35.9	51.0	62.0	73.2	83.3	74.0	63.6	54.8	36.2	21.3	49.5	109	−19	May 13	Sept. 19
Villisca	25.7	20.6	37.2	50.9	61.0	74.0	80.6	73.2	65.2	.....	37.7	24.0	.....	104	−20	May 26	Sept. 17
Vinton (a)	24.4	15.8	33.4	51.6	61.5	h72.3	81.2	72.8	62.5	53.4	34.2	e19.6	48.6	103	−17	.....	Oct. 4

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Iowa—Continued.																	
Wapello	28.5	19.1	36.9	[c]52.0	63.8	75.8	85.6	[d]75.9	64.9	55.6	38.7	24.5	51.7	111	— 9	Apr. 21	Oct. 4
Washington	[d]24.4	17.5	[e]36.2	50.4	60.7	73.2	82.0	73.3	[c]64.2	54.6	[c]34.9	.....	.....	106	.....	May 30	Sept. 17
*Waterloo	22.0	15.9	33.1	49.6	60.8	71.8	81.8	73.0	62.8	53.7	34.3	19.0	48.2	107	—21	Apr. 21	Sept. 18
Waverly	21.8	15.1	32.8	50.0	60.6	71.0	81.6	73.2	62.8	[c]53.8	33.5	[d]19.6	48.0	106	—17	Apr. 20	Oct. 3
Westbend	19.8	16.2	30.4	47.7	59.1	70.0	81.4	71.8	60.8	51.7	33.4	[c]17.5	46.7	109	—25	Apr. 18	Sept. 18
Whitten	22.0	[c]16.7	[c]31.5	50.0	.....	.....	81.9	.....	.....	51.6	.....	.....	.....	.....	.....	.....	.....
Wilton Junction	25.1	15.4	35.6	50.0	60.9	73.9	82.2	73.4	63.6	53.7	35.8	22.5	49.3	108	—15	Apr. 21	Sept. 18
Winterset	26.2	19.3	[d]34.8	50.4	62.8	73.8	83.8	75.4	66.2	57.0	[c]37.8	.....	.....	109	.....	Apr. 20	Sept. 18
Kansas.																	
Abilene	30.5	.....	[c]41.9	53.8	63.1	78.8	87.4	80.5	69.4	60.4	45.0	30.9	.....	109	.....	Apr. 18	Oct. 14
Achilles	28.0	24.0	[c]37.7	48.5	59.4	72.6	[c]81.6	[c]74.4	63.4	54.0	42.0	[c]28.7	51.2	106	—18	May 26	Sept. 17
Altoona	35.3	31.0	44.8	55.0	65.2	78.0	85.4	.....	71.2	63.2	47.8	.....	.....	.....	.....	Apr. 2	Oct. 14
Atchison	32.2	24.4	40.2	52.6	62.7	75.2	86.6	78.4	70.2	60.8	43.6	26.5	54.4	108	— 9	Apr. 18	Sept. 18
*Baker	.....	.....	.....	51.2	61.5	74.7	86.2	77.6	66.0	.....	40.6	25.6	.....	108	.....	Apr. 18	Sept. 18
Beloit	26.9	22.7	37.8	49.8	61.0	76.2	89.0	80.6	69.1	60.8	43.3	28.6	53.8	108	—12	Apr. 18	Oct. 16
Burlington	33.8	29.8	44.4	53.6	64.8	77.4	85.2	80.2	69.9	61.8	45.6	30.7	56.4	109	— 1	Apr. 18	Oct. 14
Chanute	39.4	33.6	47.4	55.8	67.2	78.8	87.0	81.5	71.0	[d]65.0	48.5	33.2	59.0	109	— 6	Apr. 3	Oct. 14
Colby	29.0	24.8	37.7	48.4	59.7	73.8	81.6	75.9	65.0	55.2	41.8	30.1	51.9	106	—18	May 26	Oct. 16
Columbus	36.8	33.0	44.2	53.8	64.6	78.0	86.2	80.0	71.0	61.8	47.3	31.8	57.4	110	— 5	Apr. 3	Nov. 16
*Concordia	30.2	25.0	39.7	52.0	62.2	76.6	85.8	79.0	67.4	59.8	43.8	29.6	54.3	104	—10	Apr. 18	Oct. 16
Coolidge	30.2	28.0	40.4	52.4	61.9	75.0	82.1	77.2	67.0	55.4	42.8	30.5	53.6	106	—14	May 26	Sept. 20
Delphos	30.1	24.4	41.6	52.8	62.7	77.0	86.0	80.6	70.0	60.2	44.3	29.8	55.0	109	—11	Apr. 18	Sept. 18
*Dodge	33.8	30.2	42.0	52.8	62.3	76.8	82.4	78.5	69.6	59.8	46.2	32.7	55.6	104	—11	Apr. 18	Oct. 13
*Dresden	29.4	25.6	39.1	48.8	59.6	72.7	82.6	76.3	64.8	56.8	43.3	30.0	52.4	106	—14	Apr. 18	Oct. 16
Ellinwood	32.0	26.6	41.9	52.1	62.2	77.1	84.1	79.2	69.9	59.2	44.4	30.5	54.9	107	— 8	Apr. 22	Sept. 17
Emporia	34.2	27.8	44.2	54.0	64.8	78.8	[c]86.0	79.4	68.8	60.8	46.2	31.3	56.4	106	— 6	Apr. 18	Oct. 14
Englewood	34.6	33.8	45.5	55.4	64.2	79.8	84.6	81.0	72.4	61.3	46.2	35.0	57.8	106	— 5	Apr. 5	Nov. 11
Eureka Ranch	29.6	26.4	39.6	51.4	61.2	76.6	85.3	78.2	68.0	58.1	43.8	29.6	54.0	109	—18	May 26	Sept. 20
Fallriver	36.1	31.7	45.6	54.6	[c]64.2	78.0	84.2	[c]79.8	70.0	62.8	47.4	32.5	57.2	106	— 4	Apr. 18	Oct. 14
Fanning	31.7	.....	.....	57.6	[c]61.6	75.2	84.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Farnsworth (*a*)	.....	.....	.....	51.4	62.0	77.5	81.1	77.3	66.8	56.7	44.0	31.0	.....	105	.....	May 26	Nov. 3
Fort Leavenworth	[c]34.9	[c]26.0	[c]42.4	[d]54.2	[c]65.0	[c]79.0	88.1	79.8	68.8	61.0	44.8	29.2	56.1	108	— 9	Apr. 2	Nov. 4
*Fort Scott	.....	.....	.....	54.0	65.4	80.4	88.4	80.8	70.4	63.4	46.8	31.6	.....	112	.....	.....	Nov. 4
Frankfort	30.0	25.2	40.6	52.8	63.0	76.8	85.7	76.6	68.4	59.8	42.5	28.6	54.2	110	—11	Apr. 18	Sept. 20
Garden City	31.5	29.0	41.3	53.9	63.5	78.7	84.4	80.4	69.2	59.4	45.2	32.6	55.8	108	—14	May 26	Oct. 16
Gove (*a*)	32.0	28.4	39.0	51.4	61.0	74.2	82.8	79.2	64.1	57.6	43.4	31.2	53.7	106	—11	May 25	Oct. 14
Grenola	35.4	32.2	44.7	54.0	64.8	76.4	84.8	80.5	70.6	62.4	47.4	31.6	57.1	110	— 5	Apr. 18	Oct. 14
Hanover	.....	.....	.....	54.2	.....	.....	86.6	79.6	70.0	61.0	42.2	27.5	.....	.....	.....	Apr. 17	Oct. 14
Harrison	28.6	24.2	39.8	51.4	61.6	76.4	85.0	78.6	67.8	58.4	42.2	28.2	53.5	108	—12	Apr. 18	Sept. 18
Hays	.....	24.3	39.4	50.8	60.7	76.6	85.0	79.8	67.2	57.8	42.3	32.9	.....	110	.....	May 26	Sept. 17
Horton	30.4	24.6	40.0	52.2	62.4	77.5	87.8	77.8	67.8	59.6	42.0	26.6	54.1	109	—12	Apr. 18	Sept. 17
Hoxie	29.2	25.9	39.0	49.8	61.0	75.3	83.6	76.8	67.0	57.2	43.1	30.4	53.2	108	—17	May 26	Sept. 18
Hutchinson	33.2	28.6	43.2	52.6	63.2	76.4	84.6	79.8	70.0	59.3	46.4	31.3	55.7	107	— 9	Apr. 18	Oct. 14
Independence	37.2	34.2	45.8	55.9	66.5	80.1	88.0	82.0	73.2	63.9	48.4	32.4	59.0	111	— 4	Apr. 18	Oct. 14
Jetmore	.....	29.0	42.6	52.0	62.9	77.4	83.1	78.6	71.0	59.3	45.6	33.1	.....	108	.....	May 27	Sept. 17
Lakin	32.5	30.0	41.4	53.4	62.0	76.0	80.6	77.4	67.7	56.9	44.4	32.8	54.6	102	—13	May 26	Oct. 13
Lawrence	33.4	27.0	42.2	53.4	64.4	78.2	87.0	78.1	68.4	60.9	44.4	29.1	55.5	108	— 6	Apr. 3	Nov. 3
Lebanon	27.6	23.6	38.6	52.6	61.0	75.7	83.9	76.9	67.6	57.2	42.7	26.6	52.8	106	—13	May 26	Sept. 18
Lebo	33.2	27.8	42.2	53.9	65.0	78.3	86.5	79.6	69.2	61.8	44.9	29.1	56.0	109	— 6	Apr. 18	Oct. 14
Leoti	.....	24.8	.....	51.0	60.7	73.7	80.9	76.4	67.0	54.4	.....	[c]30.0	.....	107	.....	May 25	Oct. 13
Little River	32.5	27.1	42.2	53.1	63.2	78.3	85.4	80.4	70.0	60.4	44.5	30.4	55.6	108	— 9	Apr. 18	Oct. 14
*Macksville	32.2	26.6	41.6	50.0	61.2	75.8	83.2	78.9	69.8	59.6	45.0	31.7	54.6	107	—12	Apr. 18	Sept. 20
*McPherson	32.6	25.4	42.6	52.4	63.6	78.0	87.6	82.4	71.8	61.6	45.2	30.3	56.1	110	— 8	Apr. 18	Oct. 14
Madison	34.2	29.0	43.6	54.4	64.2	77.1	82.2	78.4	68.6	60.5	45.4	30.4	55.7	106	— 6	Apr. 18	Sept. 18
*Manhattan	32.0	[c]26.8	.....	54.0	63.8	78.8	86.4	79.6	69.0	60.8	44.7	30.5	.....	111	—13	Apr. 17	Oct. 14
Marion	33.8	[c]25.5	43.8	[c]54.8	64.7	[c]78.3	[c]86.3	80.1	.....	[c]61.6	46.2	31.0	.....	111	—15	Apr. 18	Oct. 13
Medicine Lodge	35.2	33.4	45.0	55.5	66.0	80.2	[c]86.2	81.8	71.4	62.0	48.4	33.4	58.2	109	— 4	Apr. 17	Oct. 13
Minneapolis	30.0	23.6	41.3	52.3	62.2	76.6	85.7	80.1	68.6	61.2	43.6	29.8	54.6	108	—10	Apr. 18	Sept. 18
Moran	34.8	29.7	42.8	53.4	63.6	77.9	86.7	81.6	69.4	63.2	47.2	31.6	56.8	109	— 6	Apr. 18	Oct. 14
Mounthope (*a*)	34.1	30.4	43.5	54.0	65.0	80.4	87.7	82.1	70.0	60.8	46.3	32.1	57.2	104	— 6	Apr. 3	Nov. 5
Ness City	34.8	30.2	42.8	53.2	[c]64.1	80.0	87.3	81.6	71.1	[c]59.0	46.4	[d]34.0	57.0	110	—11	May 26	Sept. 20
Newton	32.0	28.0	41.6	53.4	64.9	77.2	85.0	79.0	70.0	60.2	45.4	30.4	55.6	107	— 7	Apr. 18	Oct. 14
Norwich	35.7	31.7	45.2	54.2	64.2	78.0	85.6	81.2	71.8	62.2	48.0	33.4	57.6	106	— 7	Apr. 3	Nov. 12
Olathe	34.6	27.1	42.8	53.4	64.4	79.2	[c]87.4	77.8	68.6	60.6	44.8	29.6	55.9	109	— 9	Apr. 3	Sept. 18
*Osage City	32.4	26.6	43.0	51.6	63.9	76.5	84.2	78.8	67.5	60.7	43.6	29.4	54.8	108	—11	Apr. 18	Sept. 18
Oswego	38.6	34.6	45.7	55.4	65.4	78.4	85.9	81.2	72.9	64.2	49.0	33.2	58.7	107	— 5	Apr. 3	Nov. 15
Ottawa	.....	28.0	43.0	54.5	.....	[c]78.8	85.4	78.0	67.7	60.2	44.4	29.0	.....	110	.....	Apr. 21	Oct. 14
Phillipsburg	25.4	.....	.....	.....	.....	78.4	88.0	80.4	67.6	58.8	42.5	28.7	.....	112	.....	Apr. 18	Oct. 14
Pratt	35.3	30.6	44.4	53.3	63.3	78.0	84.5	80.2	71.0	60.3	46.9	34.1	56.8	105	— 7	Apr. 18	Sept. 20
Rome	36.1	33.0	46.4	54.8	64.2	78.4	87.2	80.2	72.2	63.6	48.1	32.5	58.1	108	— 5	Apr. 18	Sept. 20
Russell	.....	.....	.....	.....	61.6	76.5	85.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salina	31.2	24.7	41.4	52.8	62.2	76.2	86.4	80.0	70.4	61.9	45.0	30.0	55.2	108	— 9	Apr. 18	Oct. 14
Scott	28.1	27.2	.....	.....	.....	.....	80.4	75.7	65.4	55.0	41.4	.....	.....	.....	.....	.....	Oct. 13
*Sedan	36.2	32.9	45.2	53.4	65.0	76.8	86.1	79.4	70.4	63.2	47.6	31.2	57.3	108	— 8	Apr. 2	Nov. 12
Seneca	30.2	24.2	39.8	52.0	61.9	75.9	84.8	75.9	68.0	59.2	42.8	28.0	53.6	107	—10	Apr. 18	Sept. 20
*Topeka	33.3	26.3	42.2	53.4	63.5	78.0	86.8	78.6	68.4	60.8	44.2	28.7	55.3	106	— 8	Apr. 18	Oct. 14
*Toronto	33.3	29.5	43.5	52.8	64.4	77.5	85.4	80.0	69.2	60.6	43.2	29.0	55.7	109	— 6	Apr. 18	Oct. 14
Tribune	.....	26.2	[d]36.9	47.4	59.4	.....	78.8	75.2	65.4	55.0	.....	.....	.....	.....	.....	May 1	Oct. 13
Ulysses	.....	29.4	45.3	[c]54.6	64.5	78.0	82.8	[d]79.3	69.5	[c]57.4	[c]44.2	31.6	.....	109	.....	May 26	Oct. 13
Valley Falls	32.6	24.4	42.2	53.0	62.4	78.0	85.6	76.8	67.6	60.3	43.8	28.2	54.6	107	—10	Apr. 18	Oct. 14
Viroqua	33.8	31.2	42.6	54.0	62.7	75.6	82.2	77.5	69.0	57.9	45.7	35.1	55.6	105	—12	Apr. 18	Nov. 3
Wakeeney (near)	28.3	25.6	38.8	49.4	61.7	76.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 25	Sept. 20
Wamego (*a*)	31.2	24.7	40.4	53.4	63.2	78.2	85.7	77.8	68.2	58.6	43.0	28.6	54.4	107	— 8	Apr. 17	Oct. 14
*Wichita	35.2	31.1	44.4	54.4	65.4	78.7	85.4	80.6	70.4	62.3	47.5	32.6	57.3	104	— 6	Apr. 18	Oct. 14
Winfield	35.3	33.7	47.2	56.0	65.6	78.9	85.2	81.0	71.8	62.3	48.2	32.9	58.2	106	— 4	Apr. 18	Oct. 14
Yates Center	33.8	29.4	43.8	50.5	64.0	77.2	84.6	.....	67.6	.....	43.8	29.3	.....	.....	— 7	Apr. 18	Oct. 14

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Kentucky.																	
Alpha	39.1	34.6	48.6	51.1	63.3	74.8	81.3	74.8	67.6	60.6	44.2	36.6	56.4	100	− 3	.....	Oct. 15
Anchorage	35.4	30.1	46.3	50.2	62.4	74.6	81.6	76.3	67.5	56.9	39.1	31.0	54.3	107	−12	Apr. 21	Oct. 5
*Bardstown	36.9	32.6	47.0	50.2	64.5	76.4	83.4	77.0	69.2	58.8	42.6	32.2	55.9	108	− 7	Apr. 4	Oct. 15
Berea	.....	31.9	47.6	49.0	63.4	74.2	80.0	73.6	66.4	58.8	41.6	[e]32.6	.....	102	.....	Apr. 22	Nov. 4
Blandville	37.9	33.4	46.2	54.4	65.0	79.0	83.9	76.6	69.2	59.7	44.2	30.8	56.7	108	− 7	Apr. 21	Oct. 5
*Bowling Green	37.5	34.2	47.9	51.0	66.2	78.6	84.7	75.6	68.4	58.8	39.7	29.5	55.8	108	−10	Apr. 21	Oct. 5
*Burnside	.....	[e]36.4	.....	.....	.....	.....	.....	.....	.....	57.0	40.2	33.8	.....	.....	.....	.....	Oct. 18
Carrollton	33.0	28.8	45.8	51.2	64.8	76.4	84.2	77.8	68.8	57.8	42.3	30.8	55.1	103	− 8	Apr. 1	Nov. 6
*Catlettsburg	34.6	29.8	43.4	.....	.....	73.6	80.6	76.2	67.5	56.6	40.4	33.0	.....	100	− 3	.....	Oct. 19
Centertown	37.9	33.6	47.8	52.3	63.8	77.8	82.4	76.0	69.2	58.8	42.8	31.4	56.2	108	−15	Apr. 4	Oct. 14
*Earlington	39.1	34.0	48.2	54.6	66.7	78.8	82.8	75.1	68.2	60.0	44.6	31.6	57.0	106	−10	Apr. 8	Oct. 5
Edmonton	37.7	34.0	48.4	51.2	64.0	75.8	81.2	75.4	68.0	57.6	42.2	32.8	55.7	106	−14	Apr. 21	Oct. 5
*Eubank	34.8	29.6	43.6	49.0	62.6	73.1	79.1	72.6	65.6	54.6	39.1	33.2	53.1	103	−14	Apr. 21	Oct. 5
Fords Ferry	37.7	33.4	47.6	52.9	62.4	75.5	80.9	75.3	69.0	58.6	42.6	30.1	55.5	109	−22	Apr. 21	Oct. 8
*Frankfort	37.8	32.3	46.5	52.1	63.2	74.8	82.4	75.0	68.2	56.0	.....	.....	.....	100	.....	.....	Oct. 17
Franklin	39.8	34.9	50.8	52.4	67.1	77.2	.....	75.9	69.8	60.7	44.3	33.3	.....	.....	− 6	Apr. 1	Nov. 5
Georgetown	35.2	30.8	45.6	.....	63.2	75.0	80.8	74.4	[d]66.4	57.5	40.8	31.9	.....	100	−10	.....	Oct. 17
*Greensburg	35.6	31.9	46.6	50.2	63.7	75.6	82.7	76.2	68.6	57.4	40.3	31.0	55.0	107	−12	Apr. 10	Oct. 5
*Henderson	37.0	32.2	46.6	52.4	64.8	78.1	83.6	76.5	69.6	59.0	43.2	31.1	56.2	107	− 8	Apr. 20	Nov. 4
*Hopkinsville	40.4	36.6	49.0	51.9	65.2	78.4	83.7	76.8	68.9	59.4	44.0	33.3	57.3	109	−14	Apr. 4	Oct. 18
Irvington	34.9	30.8	46.4	50.6	63.0	74.9	80.7	[f]75.0	68.0	56.6	39.8	30.2	54.2	100	−13	Apr. 21	Oct. 18
Jackson	36.8	32.2	46.4	49.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leitchfield	35.4	31.0	45.5	50.3	62.4	74.8	80.8	74.5	67.4	57.0	41.0	30.4	54.2	103	−11	Apr. 21	Oct. 15
*Lexington	34.2	29.4	43.8	49.0	62.8	73.9	80.3	74.0	67.0	57.9	40.2	31.2	53.6	102	− 8	Apr. 22	Nov. 4
Loretto	[d]37.8	32.6	47.0	48.2	61.4	74.0	[e]80.8	[f]74.6	67.2	56.5	39.6	32.4	54.3	106	−11	Apr. 21	Oct. 5
*Louisville	36.0	31.5	46.8	51.7	64.4	76.8	84.2	77.8	70.0	59.8	42.6	32.4	56.2	107	− 7	Mar. 28	Oct. 18
Manchester	.....	35.0	[d]48.1	51.8	65.2	76.6	81.6	.....	[d]69.6	58.9	40.9	.....	.....	.....	.....	Apr. 23	Oct. 18
Marrowbone	36.2	32.0	46.0	.....	62.4	.....	79.2	73.6	66.0	57.6	41.0	32.4	.....	.....	−15	Apr. 20	Oct. 5
*Maysville	33.2	28.2	43.6	49.4	63.2	75.0	82.0	76.5	68.2	56.6	39.6	30.4	53.8	108	− 9	Apr. 10	Oct. 14
*Mount Sterling	33.8	30.3	[e]43.8	47.5	62.8	73.0	79.7	78.8	65.4	54.7	38.3	31.8	52.9	100	− 6	Apr. 22	Oct. 5
*Owensboro	39.0	33.8	48.1	51.6	63.6	76.5	82.5	75.5	68.9	59.5	44.6	32.8	56.4	102	− 8	Apr. 4	Nov. 4
Owenton	31.8	.....	41.6	47.4	62.3	72.8	82.5	74.3	66.8	54.2	.....	.....	.....	102	.....	Apr. 22	Nov. 4
*Paducah	41.2	35.4	48.2	55.6	67.6	81.1	86.4	79.2	73.3	62.4	47.5	34.0	59.3	112	− 3	Mar. 16	Nov. 4
Pikeville	40.4	.....	.....	.....	.....	.....	80.0	[b]76.0	[b]67.8	[e]59.8	41.7	35.8	.....	.....	.....	.....	Oct. 18
*Richmond	.....	32.2	.....	48.4	64.2	74.6	.....	75.4	.....	.....	.....	.....	.....	.....	.....	Apr. 28	.....
*Saint John	35.9	31.8	47.0	50.4	62.0	73.6	79.4	74.2	66.8	56.2	40.4	31.2	54.1	100	−12	Apr. 21	Oct. 15
Scott	32.0	27.3	42.8	48.8	62.2	73.7	81.1	76.2	68.4	57.4	40.1	29.6	53.3	107	−10	Apr. 23	Oct. 3
Shelby City	35.4	30.2	44.2	48.0	61.2	73.0	79.0	72.9	65.6	56.4	38.6	29.4	52.8	101	−15	Apr. 23	Oct. 5
*Shelbyville	34.7	30.8	46.0	49.5	64.5	76.5	83.0	76.0	67.6	56.6	39.8	31.8	54.7	107	−10	Apr. 1	Oct. 5
Vanceburg	33.5	.....	.....	.....	59.0	71.2	.....	.....	62.6	.....	.....	.....	.....	.....	.....	Apr. 23	.....
Warfield	36.3	30.2	44.0	49.0	63.2	72.8	77.8	74.2	66.7	[a]57.5	[j]38.9	[g]36.3	53.9	96	3	Apr. 22	Oct. 18
*Williamsburg	39.3	34.8	49.0	51.2	62.0	73.1	80.7	74.6	68.0	59.6	42.4	35.8	55.9	102	− 3	Apr. 20	Oct. 5
Louisiana.																	
Abbeville	56.0	53.7	61.0	64.7	73.5	80.0	81.4	81.6	76.0	69.1	58.6	51.2	67.2	98	18	Mar. 21	Nov. 5
*Alexandria	52.6	50.6	57.2	63.4	73.1	83.0	84.7	83.6	76.4	67.0	55.0	46.7	66.1	109	15	Mar. 21	Nov. 16
*Amite	52.4	51.0	59.0	63.4	72.4	81.5	83.0	81.9	76.3	66.2	54.4	47.8	65.8	104	12	Mar. 22	Nov. 5
*Baton Rouge	52.5	50.2	58.4	63.6	72.8	81.2	82.8	81.8	76.2	67.6	55.6	48.8	66.0	103	16	.....	Nov. 17†
Burnside	55.3	52.4	59.6	63.8	72.0	[e]79.8	81.8	81.2	76.2	67.0	55.8	50.8	66.3	102	15	Mar. 7	Nov. 5
Calhoun	49.0	44.9	.....	59.2	69.6	79.4	82.2	80.6	72.2	62.6	52.0	43.2	.....	107	11	.....	Nov. 5†
Cameron	.....	.....	.....	.....	.....	.....	.....	.....	76.8	69.3	60.8	51.4	.....	.....	.....	.....	.....
*Cheneyville	52.8	48.6	57.2	62.6	73.2	81.5	84.1	82.4	.....	65.9	53.2	47.1	.....	108	15	Apr. 20	Nov. 5
Clinton	50.8	50.7	.....	61.3	70.4	.....	.....	80.1	75.2	66.4	54.4	49.4	.....	.....	14	Mar. 21	Nov. 6
Collinston	.....	.....	.....	.....	.....	.....	.....	[f]81.8	74.4	65.6	54.6	43.7	.....	.....	.....	.....	Nov. 5†
Como	[f]49.4	.....	[e]55.3	59.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 2	.....
*Covington	52.1	49.8	57.4	63.8	73.6	80.2	81.6	81.6	77.8	68.6	56.6	49.2	66.0	101	14	Apr. 21	Nov. 16
*Donaldsonville	55.5	52.2	61.1	65.6	74.2	82.0	81.6	81.2	77.8	70.6	59.6	52.6	67.8	102	18	Mar. 7	Nov. 17†
Emilie	53.4	51.8	58.9	63.8	72.5	80.4	81.4	80.6	75.9	66.9	55.2	50.0	65.9	99	19	Mar. 17	Nov. 16
Farmerville	50.5	46.6	.....	[e]65.2	70.6	82.0	85.1	82.2	74.2	65.2	54.2	41.1	.....	103	10	Mar. 8	Nov. 18†
*Franklin	53.5	51.6	59.4	64.4	72.6	80.9	82.4	81.8	77.8	68.1	57.2	50.6	66.6	100	20	Mar. 7	Nov. 17†
Grand Coteau	54.1	51.0	59.2	64.4	73.5	81.0	82.6	81.7	75.7	66.8	56.5	51.0	66.5	104	18	Mar. 7	Nov. 17
Hammond	53.4	52.4	59.6	63.8	73.2	81.8	83.4	82.2	77.4	68.5	55.8	50.0	66.8	106	15	Mar. 21	Nov. 5
Houma	54.9	53.6	61.8	[e]65.0	73.4	81.6	83.2	83.0	77.0	67.5	56.7	50.9	67.4	102	18	Mar. 6	Nov. 16
Jeanerette	55.8	53.5	61.0	66.2	74.6	82.2	84.4	83.3	[e]78.2	.....	57.9	51.4	.....	103	16	Mar. 7	Nov. 15†
Jennings	52.8	50.2	58.4	63.8	72.8	81.2	83.1	81.8	75.8	67.6	57.5	50.9	66.3	105	19	Mar. 15	Nov. 15†
*Lafayette	53.6	50.8	58.1	60.2	72.9	81.6	83.2	81.8	76.4	67.2	56.3	49.0	65.9	107	18	Mar. 21	Nov. 16
*Lake Charles	54.4	[e]49.2	58.7	64.0	72.5	81.3	83.4	83.0	77.0	69.0	58.2	50.6	66.8	103	21	Mar. 7	Nov. 17†
Lake Providence	54.1	49.2	57.8	62.2	71.3	79.8	82.2	81.0	74.4	66.2	56.2	47.8	65.2	100	9	Mar. 21	Nov. 16†
L'Argent	[f]53.8	.....	56.3	60.2	.....	80.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 16	.....
Lawrence	51.8	52.2	58.8	65.6	74.6	81.5	82.8	82.4	78.6	70.1	[e]59.0	52.1	67.3	100	21	Feb. 23	.....
Libertyhill	52.0	48.0	57.6	61.7	71.8	82.0	84.7	82.8	74.0	65.6	55.5	46.7	65.2	111	13	Apr. 3	Nov. 6
*Mansfield	50.2	46.4	55.4	60.6	70.4	80.0	83.0	81.6	73.6	65.4	54.6	43.6	63.7	106	14	Apr. 3	Nov. 16†
*Melville	53.0	50.2	57.9	63.4	72.6	79.8	81.8	81.4	76.0	65.8	55.0	48.0	65.4	102	10	Mar. 21	Nov. 16
*Minden	50.6	45.2	[e]54.2	60.4	70.4	81.8	84.4	83.4	75.2	66.8	[d]54.6	43.6	64.2	111	15	Apr. 3	Nov. 16†
*Monroe	51.1	47.3	57.5	64.5	72.5	81.9	84.1	83.0	74.8	66.2	55.6	44.5	65.2	108	11	Mar. 21	Nov. 6
New Iberia	55.0	52.8	60.0	[b]64.2	72.8	81.2	82.4	[e]81.2	76.0	67.0	[e]57.0	55.4	67.1	101	19	Mar. 7	Nov. 17
*New Orleans	55.6	53.8	61.3	66.1	75.2	81.8	82.6	82.2	78.2	70.0	59.4	52.0	68.2	102	23	Mar. 23	Dec. 15
Oakridge	.....	44.6	55.6	62.2	71.0	[e]81.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 22	.....
*Opelousas	[e]55.7	49.6	58.0	63.5	73.1	81.8	84.0	[1]81.8	75.6	66.2	55.2	49.1	66.0	104	19	Mar. 8	Nov. 16†
Oxford	[e]50.9	47.7	56.2	60.2	69.6	79.0	82.2	82.4	72.8	[d]64.4	54.4	[h]44.2	63.7	105	15	Apr. 3	Nov. 6†
Paincourtville	54.3	51.9	59.8	65.1	73.2	81.6	83.0	81.2	75.0	66.1	54.5	49.1	66.2	102	17	Mar. 21	Nov. 16
Plain Dealing	49.6	44.2	54.4	59.8	69.6	79.2	83.4	81.0	72.8	64.6	53.3	44.0	63.0	108	10	Apr. 3	Nov. 6
*Port Eads	56.6	55.4	60.2	63.2	72.8	80.6	82.4	(1)	81.7	73.0	64.2	56.0	.....	96	28	Mar. 17	Dec. 17
*Rayne	59.9	.....	60.8	65.6	76.4	82.8	84.6	83.2	76.9	68.2	56.4	48.9	.....	107	.....	Mar. 7	Nov. 15†
Reserve	.....	.....	56.4	.....	.....	[e]82.9	82.2	81.0	76.7	67.8	56.4	.....	.....	107	.....	Mar. 7	Nov. 15
*Robeline	48.7	45.2	57.8	60.7	69.6	80.6	85.0	79.9	[f]69.1	[e]62.6	54.5	47.6	63.3	107	14	Apr. 20	Nov. 6
Ruddock	.....	.....	.....	.....	74.5	80.6	82.0	82.0	76.1	67.6	56.2	50.4	.....	102	.....	.....	Nov. 5
Ruston	50.3	[b]46.8	56.4	60.6	70.6	80.9	83.3	81.2	73.5	.....	.....	[f]48.6	.....	.....	12	Apr. 3	.....

[1] Instruments destroyed by hurricane, August 14-15, 1901.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Louisiana—Continued.																	
*Schriever	54.2	51.9	58.5	64.0	71.8	81.0	82.6	81.8	76.5	67.1	56.2	50.4	66.3	103	16	Mar. 17	Nov. 16†
*Shreveport	51.4	47.1	57.1	62.2	71.7	81.8	84.2	82.8	74.7	67.2	55.7	45.2	65.1	107	14	Mar. 6	Nov. 16
Southern University	53.4	50.4	55.9	60.8	69.4	°76.5	77.7	78.2	74.0	65.8	.....	.....	.....	94	.....	Mar. 8	.....
Sugar Experiment Station	52.4	51.8	58.8	64.4	73.6	81.6	82.8	81.7	77.1	68.0	56.4	50.3	66.6	101	21	Mar. 7	.....
Sugartown	54.3	51.8	59.6	63.8	.....	.....	84.2	82.8	76.2	67.0	57.4	49.0	.....	.....	21	Mar. 7	Nov. 16
Venice	54.4	56.0	°59.2	63.2	71.1	78.2	81.3	81.3	79.4	70.2	59.5	54.4	67.4	95	26	Feb. 1	.....
Wallace	55.0	52.6	60.6	64.5	73.8	81.7	82.5	81.8	76.7	67.6	57.1	51.6	67.1	103	17	Mar. 21	Nov. 16
White Sulphur Springs	.....	.....	.....	.....	.....	83.8	83.9	82.7	75.9	67.4	56.6	48.2	.....	110	.....	Mar. 16	Nov. 6
Maine.																	
Bar Harbor	20.0	18.6	30.2	43.0	50.7	60.4	66.9	65.2	60.3	48.7	33.9	28.4	43.9	95	−13	May 26	Oct. 19
Belfast	17.6	15.0	28.3	44.2	52.2	63.2	68.4	66.1	59.4	47.6	30.1	24.7	43.1	96	−20	May 1	Sept. 26
Bemis	14.4	11.6	°23.9	°41.8	.....	°61.2	°66.8	62.5	55.5	44.2	30.8	12.4	.....	100	.....	May 25	Sept. 25
Calais	19.0	14.9	25.3	43.8	53.4	64.4	70.4	66.8	59.7	47.2	32.0	24.0	43.4	96	−20	.....	.....
Carmel	17.4	14.6	29.5	45.0	°54.9	64.2	69.0	66.2	59.2	°45.3	29.8	.....	.....	97	.....	May 26	Sept. 20
Cornish	18.6	17.9	30.3	44.4	54.0	66.5	70.6	68.7	61.1	48.8	30.3	24.4	44.6	97	−14	May 6	Sept. 20
*Eastport	19.5	19.3	29.8	44.4	47.2	57.4	62.6	62.0	57.4	48.0	34.0	29.2	42.3	93	−15	Apr. 27	Sept. 25
Fairfield	14.9	15.4	29.2	45.7	55.0	65.6	70.2	68.6	61.8	48.5	29.4	23.2	44.0	97	−25	May 6	Sept. 26
Farmington	15.9	14.6	27.3	45.2	54.6	64.6	69.2	66.6	59.1	47.0	28.6	22.6	42.9	98	−18	May 26	Sept. 20
Flagstaff	13.4	11.8	28.2	41.4	°52.2	61.6	64.8	64.1	57.4	°41.2	25.8	20.2	39.2	94	−26	June 18	Sept. 20
Gardiner	18.0	16.6	29.8	46.4	55.4	66.6	71.8	69.6	62.0	49.2	31.3	25.2	45.2	101	−16	Apr. 28	Sept. 26
Kineo	9.2	8.9	19.4	37.4	47.7	60.9	65.0	62.8	58.0	42.4	27.2	19.0	38.2	88	−22	May 6	Sept. 25
Lewiston	18.1	16.1	29.8	45.5	54.8	66.9	71.4	69.6	62.5	49.8	31.3	25.4	45.1	100	−14	Apr. 28	Sept. 26
Mayfield	15.4	16.9	26.6	42.7	52.2	63.2	67.2	65.6	58.0	46.9	29.0	23.1	42.2	94	−21	May 6	Sept. 25
North Bridgton	.....	17.6	28.6	44.4	54.0	66.2	70.2	68.8	62.2	49.3	31.8	25.4	.....	100	.....	May 6	Sept. 26
Orono	15.2	14.0	27.5	44.6	53.7	63.6	68.4	66.4	59.4	47.2	28.6	23.2	42 6	100	−20	May 26	Sept. 26
*Portland	21.3	20.2	31.8	43.0	51.6	63.8	69.6	67.4	61.8	50.4	33.5	28.3	45.2	96	−11	Mar. 31	Oct. 29
Rumford Falls	16.4	15.0	26.0	43.2	53.4	65.6	69.5	67.2	58.2	45.4	28.2	21.3	42.3	98	−27	May 5	Sept. 9
Winslow	18.8	17.8	29.0	46.0	.....	65.6	70.3	67.0	61.4	48.6	30.5	21.4	.....	99	−24	.....	.....
Maryland.																	
Annapolis	35.4	30.6	43.8	50.4	64.1	74.5	83.0	78.4	70.6	58.9	42.8	35.0	55.6	105	10	Apr. 30	Nov. 7
Bachmans Valley	29.8	23.4	40.3	47.0	59.1	69.7	76.9	73.0	63.5	52.5	.....	30.2	.....	98	0	Apr. 17	Oct. 4
*Baltimore	34.9	29.5	43.8	50.7	61.8	72.6	80.4	76.7	68.4	56.7	41.8	35.2	54.4	103	11	Mar. 17	Nov. 11
Boettcherville	33.3	28.0	41.4	49.8	63.0	70.4	79.1	74.8	65.2	53.8	38.6	29.8	52.3	103	− 2	Apr. 12	Oct. 4
Boonsboro	32.6	26.8	43.4	49.2	62.2	71.7	78.1	74.6	65.5	54.2	38.6	32.4	52.4	101	4	Apr. 16	Oct. 7
Cambridge	.....	.....	.....	.....	.....	74.2	81.5	78.6	71.0	59.2	44.2	37.8	.....	100	.....	.....	Nov. 11
Charlotte Hall	.....	31.8	45.8	49.8	°63.0	.....	.....	.....	.....	54.6	39.7	°33.8	.....	.....	.....	Apr. 5	Oct. 25
Chase	29.8	25.6	39.5	47.8	60.9	69.8	79.6	77.2	66.3	53.6	36.2	31.8	51.5	104	3	Apr. 27	Oct. 7
Cheltenham	.....	.....	.....	.....	62.1	71.4	79.2	75.3	67.3	56.2	40.5	33.0	.....	100	.....	.....	Oct. 25
Chestertown	32.2	30.2	43.6	50.1	60.0	.....	79.0	75.6	67.4	55.0	39.6	33.4	.....	.....	10	Mar. 29	Nov. 3
Chewsville	32.5	26.0	42.8	48.8	60.8	70.4	78.0	73.4	65.8	54.0	.....	.....	.....	100	.....	Apr. 17	Oct. 4
Clearspring	31.2	26.1	40.0	47.2	°61.2	69.2	76.0	73.6	64.4	54.2	38.2	30.3	51.0	96	5	Mar. 30	Oct. 25
Collegepark	32.4	28.0	44.2	49.9	60.8	°69.3	79.0	°74.4	°64.4	53.8	38.3	31.6	52.2	102	2	Apr. 27	Oct. 5
Darlington	31.5	°25.8	42.0	50.2	60.8	71.1	°78.2	74.5	°65.9	54.4	39.3	32.4	52.2	104	5	Mar. 30	Oct. 26
Deerpark	°27.7	19.8	36.4	41.8	55.2	64.4	71.0	°67.4	58.2	48.9	31.8	26.5	45.8	94	−13	June 19	Sept. 20
Denton	34.6	28.5	44.9	50.4	62.0	72.7	80.0	76.8	.....	.....	.....	.....	.....	106	.....	Mar. 30	.....
Easton	33.4	29.6	44.6	50.2	61.4	68.8	79.8	76.5	69.1	56.4	41.9	35.6	53.9	99	9	Mar. 30	Oct. 26
Fallston	32.4	26.4	42.0	49.0	60.0	70.1	77.8	74.3	66.8	54.7	39.4	32.7	52.1	100	7	Mar. 30	Oct. 25
Frederick	34.4	29.6	45.3	50.6	63.4	72.6	80.2	75.9	67.2	56.5	41.4	34.1	54.3	101	4	Mar. 18	Oct. 26
Frostburg	30.5	22.0	38.7	44.6	57.5	66.3	74.2	68.9	62.8	51.4	.....	.....	.....	96	.....	Apr. 22	Oct. 4
Grantsville	29.4	20.8	36.4	43.3	56.1	65.4	73.0	68.4	60.0	51.6	32.8	28.0	47.1	98	− 8	Apr. 22	Sept. 20
Greatfalls	31.4	26.8	42.5	48.4	62.3	72.5	.....	.....	66.5	53.9	37.8	30.7	.....	.....	2	Mar. 31	Oct. 19
Green Spring Furnace	32.8	26.9	41.2	48.6	61.6	°72.5	78.2	74.3	65.8	52.9	38.1	31.0	52.0	100	3	Apr. 28	Oct. 4
Guard	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.6	29.4	.....	.....	.....	.....	.....
Hagerstown	33.0	27.6	43.1	50.4	63.6	72.6	79.3	75.3	.....	.....	.....	.....	.....	102	.....	Apr. 12	.....
Hancock	31.6	27.0	41.0	49.6	60.8	71.2	78.6	75.2	66.0	53.8	38.2	31.0	52.0	106	− 2	Apr. 17	Oct. 4
Jewell	35.5	30.0	45.0	49.8	61.9	71.6	79.2	75.5	67.4	56.2	41.3	35.2	54.0	100	7	Mar. 30	Nov. 6
Johns Hopkins Hospital	31.9	28.4	41.5	49.4	61.3	71.0	78.8	75.4	68.2	55.4	39.8	31.4	52.7	102	8	Apr. 1	Nov. 6
Laurel	32.4	27.3	43.6	50.0	61.6	71.4	79.4	75.1	66.5	53.8	39.0	31.4	52.6	103	0	Apr. 28	Oct. 4
McDonogh	29.4	23.9	39.8	48.6	60.1	70.8	78.6	73.9	65.0	52.4	37.2	.....	.....	101	.....	Apr. 10	Oct. 25
Mount St. Marys College	31.7	26.4	42.0	49.8	61.2	69.6	78.4	73.4	66.6	55.2	39.1	31.2	52.0	99	6	Mar. 30	Nov. 5
Newmarket	31.8	26.6	42.6	49.7	61.9	71.2	78.7	73.8	66.0	55.2	39.0	32.2	52.4	100	5	Apr. 1	Oct. 25
Pocomoke	37.8	31.8	47.2	°50.6	62.1	72.7	81.2	77.2	70.0	58.0	42.6	38.5	55.8	100	7	Mar. 18	Oct. 26
Prince Frederickton	35.6	30.4	45.4	50.0	63.1	72.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 22	.....
Princess Anne	35.6	29.8	45.9	49.8	60.8	70.8	79.2	75.8	68.0	55.8	41.4	36.8	54.1	99	3	Apr. 29	Oct. 26
Queenstown	.....	.....	.....	50.9	61.8	74.6	80.4	77.3	68.6	56.6	40.6	34.6	.....	100	.....	Mar. 17	Nov. 3
Rockhall	34.6	29.8	44.4	50.2	61.0	71.5	79.4	76.0	67.0	55.6	41.0	33.9	53.7	102	8	Mar. 19	Oct. 26
Sharpsburg	34.0	30.5	45.5	52.6	65.8	75.2	82.7	79.0	69.6	55.0	38.6	31.9	55.0	105	1	Mar. 30	Oct. 4
Smithsburg[1]	32.4	26.7	43.1	49.0	60.6	70.4	77.6	74.0	65.1	53.5	38.6	31.6	51.9	100	0	Apr. 16	Oct. 4
Smithsburg[2]	32.0	25.0	.....	48.2	61.6	71.2	77.8	74.9	66.1	54.8	38.2	.....	.....	100	.....	Apr. 12	Oct. 25
Solomons	37.2	32.2	45.0	51.1	62.7	72.8	81.0	78.4	71.0	59.8	44.0	36.6	56.0	99	14	Mar. 18	Nov. 16
Sudlersville	35.4	29.0	44.8	50.6	62.2	72.6	80.4	77.3	69.8	55.8	40.6	°34.9	54.4	104	9	Apr. 4	Oct. 26
Sunnyside	26.8	18.6	36.2	40.4	54.9	64.3	71.4	66.9	58.0	50.4	30.5	26.4	45.3	96	−15	May 14	Sept. 20
Takoma Park	33.1	28.0	43.4	50.1	62.4	70.4	78.2	74.3	66.0	55.2	38.8	31.9	52.6	98	4	Mar. 31	Oct. 25
Taneytown	31.2	27.1	41.8	49.2	62.5	71.4	78.0	74.7	65.6	54.2	37.0	32.0	52.1	99	4	Apr. 12	Oct. 7
Van Bibber	31.2	26.4	41.7	50.4	61.4	71.3	79.0	75.8	67.4	55.0	40.0	32.4	52.7	101	7	Mar. 29	Oct. 25
Westernport	28.2	23.6	37.5	46.0	58.9	68.4	76.4	71.4	62.2	51.4	35.6	28.9	49.0	98	1	Apr. 16	Oct. 4
Westminster	31.7	24.4	41.6	48.2	60.2	69.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 12	.....
Woodstock	32.1	27.7	45.0	50.4	63.0	72.8	80.6	75.9	67.2	56.4	40.0	34.0	53.8	100	4	Apr. 4	Oct. 26
Massachusetts.																	
Amherst	24.9	20.0	.....	47.6	56.6	66.9	72.8	69.6	61.6	49.9	34.4	°28.0	.....	97	−10	May 6	Sept. 26
Bedford	24.8	22.4	34.6	44.2	54.0	66.3	71.6	69.0	62.5	51.6	34.1	27.6	46.9	92	− 8	.....	.....
Blue Hill (Summit)	24.3	20.4	33.2	42.2	53.3	66.6	71.5	69.4	63.7	52.3	34.0	29.8	46.7	94	− 9	Apr. 19	Oct. 20
*Boston	27.6	24.2	35.2	43.5	54.3	68.2	73.4	70.7	65.4	54.4	37.2	32.4	49.0	97	− 3	Mar. 31	Oct. 26
Cambridge	28.6	22.9	35.7	44.0	55.2	68.0	74.0	71.0	64.6	52.8	35.6	31.0	48.7	98	− 6	.....	.....

[1] Charles K. Shank. [2] Dr. D. W. Crowther.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Massachusetts—Continued.																	
Chestnuthill	25.9	22.8	36.0	44.1	54.8	68.2	75.0	72.0	65.2	53.4	35.6	30.7	48.6	99	— 6	May 2	Oct. 26
Concord	23.8	20.0	33.8	44.2	55.0	67.0	72.5	69.7	62.6	50.9	32.9	27.8	46.7	97	— 8	Apr. 28	Sept. 26
East Templeton (*a*)	22.2	16.9	30.6	42.7	54.2	67.6	72.6	69.0	61.1	47.8	.....	26.1	.....	98	— 8	.....	.....
Fallriver	27.9	23.7	37.2	45.6	55.8	66.3	72.6	70.6	65.1	54.6	38.4	33.8	49.3	92	— 5	Apr. 28	Oct. 20
Fitchburg (*a*)[1]	23.8	19.0	32.2	43.9	54.9	69.0	72.8	69.5	61.7	49.5	32.3	27.4	46.3	96	— 8	Apr. 28	Sept. 26
Fitchburg[2]	23.6	19.9	32.8	44.4	55.2	68.2	73.4	70.4	63.5	51.2	33.5	27.6	46.9	100	—11	.....	.....
Framingham	25.8	22.2	35.2	45.5	56.4	68.9	74.5	71.2	64.5	52.6	35.5	28.6	48.4	99	— 7	Apr. 14	Oct. 20
Groton	22.6	19.8	32.5	43.5	54.0	66.8	71.4	68.8	62.0	50.0	32.6	25.8	45.8	99	—11	May 6	Sept. 20
Lawrence	23.4	20.3	34.0	44.2	55.0	68.6	73.4	70.8	64.2	52.2	34.4	27.9	47.4	97	—10	Apr. 28	Oct. 26
Leeds	23.1	18.2	32.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lowell[3]	25.5	21.8	35.1	45.5	57.0	69.6	75.8	72.2	65.7	53.1	34.7	28.4	48.7	96	— 9	Apr. 28	Oct. 25
Lowell[3]	24.8	21.1	34.9	44.8	55.2	68.5	74.4	70.9	63.7	52.3	34.0	28.5	47.8	98	—11	.....	.....
Ludlow Center	.....	17.8	29.6	42.2	55.8	62.0	70.1	66.3	58.4	52.0	29.6	23.6	.....	97	.....	.....	.....
Middleboro	26.2	21.4	35.3	43.7	54.1	65.0	71.7	69.6	62.9	50.4	34.6	30.6	47.1	92	—10	Apr. 29	Oct. 26
Monson	25.8	20.3	35.1	46.8	57.0	67.8	74.4	70.3	62.2	50.0	32.8	27.2	47.5	96	—14	May 6	Sept. 26
*Nantucket	31.5	25.4	36.4	42.8	51.1	61.8	68.8	68.3	65.0	54.8	40.0	37.2	48.6	86	2	Apr. 14	Oct. 26
New Bedford	29.8	25.2	36.8	44.8	54.2	65.2	71.5	70.2	64.6	53.6	38.2	33.6	49.0	90	— 2	Apr. 14	Oct. 26
Pittsfield	21.8	15.8	30.0	45.0	56.8	67.0	73.6	70.0	61.8	48.2	31.4	25.8	45.6	96	—13	May 6	Sept. 26
Plymouth (*a*)	29.2	24.2	38.3	44.8	55.6	67.6	71.5	68.7	64.1	51.3	38.4	34.4	49.0	92	— 5	.....	.....
Provincetown	30.6	25.8	36.0	43.4	53.0	66.2	73.4	72.0	66.8	55.2	39.2	34.0	49.6	104	2	Apr. 13	Oct. 26
Somerset (*a*)	28.4	22.2	37.6	48.7	57.4	70.3	76.8	74.6	67.2	54.2	36.8	33.1	50.4	100	— 8	.....	.....
Springfield Armory	25.0	21.6	34.6	47.3	57.1	68.6	74.7	71.8	64.0	52.4	34.8	28.3	48.4	100	— 5	Apr. 28	Oct. 7
Taunton	26.1	21.3	35.0	43.2	53.6	62.1	71.8	69.0	62.3	50.4	34.0	.....	.....	92	.....	.....	.....
Westboro	26.3	21.6	36.2	46.0	56.6	68.4	74.4	71.5	64.2	53.2	35.7	31.1	48.8	98	— 9	May 6	Sept. 26
Weston	26.0	22.6	35.6	44.5	55.2	67.2	72.8	69.4	62.7	50.6	34.8	29.8	47.6	94	— 6	.....	.....
Williamstown	22.0	16.2	30.6	45.8	55.6	66.0	70.2	69.0	60.0	48.8	31.4	25.2	45.1	91	—12	Apr. 28	Sept. 26
Worcester	25.0	20.8	34.0	45.6	56.3	68.8	74.3	71.4	64.6	52.6	34.8	29.4	48.1	97	— 8	Apr. 28	Oct. 26
Michigan.																	
Adrian	24.2	13.4	33.6	47.0	56.0	69.2	77.3	72.0	63.6	52.0	35.7	24.4	47.4	98	—15	May 13	Sept. 19
Agricultural College	22.2	12.8	31.1	46.4	55.2	68.0	74.2	68.4	61.7	49.6	32.8	21.6	45.3	98	—18	May 12	Sept. 18†
Allegan	25.2	16.6	30.4	c44.8	d56.4	e69.8	d76.4	d70.4	d61.6	d52.4	d35.6	25.2	47.1	96	—12	May 13	Oct. 3†
Alma	21.6	13.8	30.4	46.2	54.9	68.2	75.5	68.2	60.7	50.9	34.6	22.2	45.6	98	—12	May 15†	Sept. 18
*Alpena	20.4	15.1	25.5	42.4	50.6	61.0	68.6	64.2	58.8	47.4	32.8	23.4	42.5	98	— 8	May 15	Oct. 4
*Ann Arbor	24.0	15.4	31.5	46.8	56.4	69.0	76.6	72.0	63.2	52.0	35.0	23.6	47.1	97	—10	Apr. 21†	Sept. 4†
Annpere	24.6	16.0	32.9	41.4	57.8	68.1	.....	71.0	61.1	.....	.....	.....	.....	.....	.....	May 31†	Sept. 18†
Arbela	22.0	15.2	30.6	46.4	55.8	68.0	74.0	.....	62.2	50.4	33.5	24.2	.....	96	—12	May 12	Oct. 2
Baldwin	19.8	13.7	27.0	45.0	56.7	69.0	75.4	68.4	62.0	49.2	35.4	23.2	45.4	100	—21	May 15†	Sept. 19†
Ball Mountain	23.2	14.2	31.0	46.0	56.0	67.1	75.4	69.9	62.4	50.2	34.6	23.6	46.1	97	— 8	Apr. 16	Oct. 4
Baraga	.....	11.4	16.8	37.4	56.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Battlecreek	24.9	16.3	33.2	47.2	56.8	69.4	76.8	70.6	63.6	52.8	36.1	24.0	47.6	98	—10	Apr. 20	Sept. 19
Bay City	23.3	14.4	29.2	44.1	c56.2	b70.9	75.0	68.4	61.0	50.8	32.9	21.8	45.7	98	— 8	May 24†	Oct. 7†
Benzonia	.....	17.0	27.4	45.0	53.6	66.0	72.4	67.4	59.0	48.8	34.2	24.1	.....	94	.....	May 15†	Oct. 6†
Berlin	20.9	13.8	31.0	45.5	54.6	66.7	74.2	68.8	d63.7	50.0	34.4	24.0	45.6	96	—11	May 4†	Oct. 4
Berrien Springs	26.8	17.0	34.6	d46.7	56.1	70.6	80.2	71.9	65.0	54.8	38.4	25.0	48.9	104	—13	Apr. 20	Oct. 4†
Big Rapids	19.0	14.0	26.6	45.8	55.0	66.1	73.4	66.4	59.2	48.0	32.0	21.4	43.9	97	—15	May 15†	Sept. 18†
Birmingham	23.6	15.5	32.0	46.5	57.1	67.8	77.2	71.2	62.6	51.6	35.8	22.2	46.9	98	—10	Apr. 22†	Oct. 4†
Boon	17.0	10.8	23.6	42.3	52.4	63.4	68.8	d62.2	55.6	45.6	29.8	19.8	40.9	97	—15	May 15	Sept. 19
Calumet	16.8	12.2	21.8	40.8	52.3	60.4	65.9	64.1	54.6	45.0	28.8	19.2	40.2	97	—11	Apr. 21†	Oct. 15
Carsonville	b23.3	13.2	29.3	42.4	55.4	63.0	75.6	66.2	60.5	48.8	33.2	23.5	44.5	96	—10	Apr. 27†	Oct. 3†
Cassopolis	26.0	17.0	32.7	46.4	59.1	69.6	77.6	72.4	65.0	54.2	38.2	23.8	48.5	102	—16	Apr. 20	Oct. 5†
Charlevoix	23.6	18.2	24.9	42.2	51.4	64.4	70.2	67.7	61.2	51.6	37.8	25.1	44.9	98	—18	May 12†	Oct. 15
Chatham	19.2	15.4	28.0	41.0	50.0	61.0	67.4	63.0	54.6	44.4	29.1	18.6	40.6	98	—20	May 28	Oct. 6
Cheboygan	19.8	14.1	24.7	43.0	52.0	63.8	69.8	66.9	59.6	48.4	33.6	21.6	43.1	96	—18	May 15	Sept. 19†
Clinton	25.2	15.1	34.2	46.4	56.4	69.0	77.0	71.6	63.4	52.6	36.0	24.2	47.6	96	—12	May 15†	Oct. 4
Coldwater	25.0	15.1	34.1	46.4	56.6	69.6	76.6	70.8	62.6	53.2	36.0	24.0	47.5	98	—12	Apr. 20†	Sept. 19†
Deerpark	.....	14.6	22.2	37.5	46.8	56.9	65.0	64.3	57.2	46.0	32.2	20.7	.....	97	.....	May 15†	Oct. 6
*Detroit	25.1	16.4	33.2	47.7	56.6	68.8	76.8	71.9	64.8	52.8	36.4	25.4	48.0	94	— 6	Apr. 21	Oct. 18
Detour	19.0	12.6	23.2	40.8	51.7	60.2	67.8	65.1	58.8	45.8	32.8	22.1	41.7	92	—19	May 13	Oct. 17†
Dundee	25.4	15.5	35.0	46.2	56.8	69.4	77.4	70.9	63.6	c51.8	d34.8	24.8	47.6	96	—10	Apr. 21†	Oct. 5†
Eagle Harbor	19.4	13.8	b22.6	41.8	48.1	57.4	62.8	64.7	57.0	47.6	32.8	22.5	40.9	100	—10	May 25†	Oct. 17†
East Tawas	24.9	19.0	31.8	47.7	55.8	64.6	72.0	65.8	60.2	49.3	35.8	23.4	45.9	97	— 5	May 31†	Oct. 17
Eloise	25.5	15.1	34.0	47.2	57.4	68.2	76.8	70.8	64.4	52.3	35.6	24.8	47.7	98	—11	Apr. 21†	Oct. 3
*Escanaba	17.5	11.8	23.0	41.0	50.8	61.8	68.3	65.7	56.7	46.6	32.1	20.8	41.3	88	—13	May 26	Oct. 3
Ewen	.....	.....	22.1	39.2	54.3	66.7	67.0	64.8	52.8	42.6	.....	17.4	.....	101	.....	May 23	Sept. 7†
Fairview	22.6	14.6	30.4	43.5	53.2	66.0	76.4	c69.0	c61.3	49.8	34.5	23.6	46.4	94	—19	Apr. 21†	Sept. 19
Fennville	.....	.....	.....	46.4	56.7	68.9	77.0	70.2	63.2	53.6	37.4	24.6	.....	100	.....	May 15	Oct. 5†
Fitchburg	23.6	14.0	31.4	45.5	55.6	67.2	74.1	68.4	62.4	51.9	34.2	23.2	46.0	96	—16	Apr. 25†	Sept. 19
*Flint	21.8	13.2	30.6	45.1	55.6	67.4	74.8	69.0	62.4	51.3	34.2	23.8	45.8	97	—21	Apr. 21†	Oct. 4†
Gaylord	16.7	11.2	22.2	43.0	51.6	64.4	68.6	62.4	56.2	45.6	30.0	19.0	40.9	101	—26	May 26†	Sept. 19†
Gladwin	20.0	13.9	27.4	46.6	55.4	66.4	72.6	66.6	.....	.....	33.5	22.3	.....	96	—15	May 3	.....
*Grand Haven	25.4	18.4	31.2	45.8	54.6	65.8	74.0	67.7	61.0	50.9	36.8	25.4	46.4	94	— 5	Apr. 20	Oct. 20
Grand Marais	.....	.....	.....	d42.0	49.4	60.2	67.2	66.0	58.4	b45.0	.....	.....	.....	98	.....	May 26†	Sept. 19†
Grand Rapids	24.8	17.7	32.4	49.0	58.2	70.8	78.1	71.2	63.2	52.8	37.2	24.4	48.3	97	— 7	Apr. 20†	Oct. 18†
Grape	25.6	16.0	33.2	46.0	56.6	68.4	77.5	71.4	.....	c53.0	35.8	23.8	.....	100	—11	May 13	Oct. 4†
Grayling	18.0	11.1	28.6	45.2	55.0	65.4	71.9	64.6	57.6	46.2	31.0	19.8	42.6	100	—22	May 4†	Oct. 3
Hanover	24.2	14.3	33.0	46.4	56.0	68.6	76.8	71.4	64.1	53.4	35.6	24.4	47.4	96	—13	May 30	Sept. 19
Harbor Beach	22.2	15.5	28.4	41.6	50.8	65.0	73.0	68.3	61.6	52.2	35.3	24.8	44.9	101	— 6	Apr. 21†	Sept. 17†
Harrison	.....	c11.1	c26.2	46.0	.....	67.8	74.0	66.3	59.3	.....	c30.4	20.7	.....	97	.....	May 22†	.....
Harrisville	19.7	15.6	25.8	41.5	50.5	61.8	70.0	65.9	59.8	48.0	32.8	22.2	42.8	103	—17	May 14†	Oct. 3†
Hart	22.9	16.6	29.4	46.6	55.2	67.3	75.1	66.8	58.4	47.2	32.2	23.4	45.1	98	—11	May 15†	Oct. 3
Hastings	23.6	15.1	32.6	46.4	56.4	69.0	76.2	69.5	61.7	51.2	35.0	23.4	46.7	100	—13	May 15†	Sept. 19
Hayes	20.8	13.1	28.2	43.2	54.2	65.8	71.6	d66.9	61.0	49.2	35.4	22.3	44.3	98	—13	May 4†	Oct. 7
Hillsdale	24.5	14.1	33.4	45.4	55.6	68.2	76.0	69.6	62.8	52.0	34.8	22.8	46.6	96	—13	May 15	Sept. 19
*Houghton	16.3	11.2	22.6	42.6	51.8	60.8	67.2	65.2	56.8	48.0	30.9	19.7	41.1	103	—11	Apr. 22	Oct. 4
Humboldt	6.2	2.8	16.5	39.2	51.2	62.2	65.2	60.0	51.7	41.7	24.0	14.8	36.3	98	—28	May 25	Sept. 7
Ionia	24.0	14.6	31.0	48.4	57.9	68.4	77.2	70.2	63.4	50.5	35.6	c24.4	47.1	98	—13	May 15†	Sept. 19
Iron Mountain	.....	.....	.....	.....	.....	.....	.....	.....	b54.4	47.8	29.2	c16.6	.....	.....	.....	.....	Oct. 3
Iron River	11.0	5.4	18.6	40.8	d53.0	63.2	69.2	.....	.....	.....	.....	.....	.....	.....	.....	May 29†	.....

[1] Dr. Jabez Fisher. [2] A. P. Mason. [3] Prop. locks and canals.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Michigan—Continued.																	
Ironwood								65.8	56.1	48.2	28.0	14.8					Oct. 3†
Ishpeming	13.6	8.9	19.0	41.7	52.4	63.4	68.0	64.8	55.0	45.8	28.1	16.4	39.8	97	−18	May 27†	Sept. 17
Ivan	19.0	13.0	24.6	44.2	53.4	65.0	71.0	64.4	57.2	47.4	30.2	20.4	42.5	100	−13	May 15	Oct. 3
Jackson	25.2	15.8	33.7	47.5	57.7	70.6	78.6	71.8	64.4	53.0	36.0	24.6	48.2	100	− 9	Apr. 21†	Oct. 4†
Jeddo	22.5	14.2	30.6	45.0	53.8	66.8	74.1	69.3	63.0	51.2	34.8	23.6	45.7	101	− 8	May 4†	Oct. 4†
Kalamazoo	24.8	16.9	34.8	47.4	57.3	72.1	78.4	67.8	64.2	51.6	37.4	24.6	48.1	100	−11	May 13†	Oct. 6†
Lake City	17.5	13.4	25.0	44.4	54.6	64.6	74.1	65.6	57.2	48.0	29.4	18.3	42.7	99	−20	May 17†	Oct. 3†
*Lansing	23.6	15.1	30.8	47.0	56.0	67.8	75.0	69.2	62.2	51.3	35.0	23.3	46.4	94	− 7	Apr. 20†	Oct. 17
Lapeer	21.8	13.6	30.9	45.6	54.8	67.3	75.1	68.8	61.6	51.0	34.2	22.9	45.6	97	−13	Apr. 22†	Oct. 17
Lathrop	14.4	7.4	21.2	40.0	51.0	66.5	71.4	b61.7	.....	45.8	28.8	17.7	.....	96	−22	May 26†	Sept. 18
Lincoln	20.2	11.7	24.7	45.0	52.0	63.3	70.4	65.0	59.8	48.6	33.0	21.6	42.9	97	−16	May 15†	Oct. 4†
Ludington	*22.4	18.8	30.8	44.0	52.6	.....	.....	.....	57.6	47.6	37.6	25.4	.....	.....	− 5	May 31†	Sept. 17
Mackinac Island	20.2	13.7	23.2	43.5	50.8	59.4	67.6	65.4	57.5	47.2	d31.9	22.6	41.9	87	−17	May 12†	Oct. 4†
Mackinaw	19.4	16.0	30.4	48.0	52.5	66.0	70.9	68.6	61.6	48.2	34.2	21.6	44.8	96	−19	May 15†	Oct. 18†
Madison	25.0	1..8	33.7	46.8	58.0	70.4	78.0	72.0	63.8	.....	.....	.....	.....	99	.....	May 13	Sept. 19
Mancelona	18.8	13.6	25.0	45.6	54.1	66.7	72.0	67.0	59.3	47.7	31.8	20.8	43.5	101	−16	May 26†	Oct. 3†
Manistee	23.0	18.7	27.8	44.5	52.7	65.6	73.6	64.5	c60.0	50.7	36.6	25.3	45.1	95	− 6	May 14†	Oct. 6
Manistique	20.1	13.9	24.4	41.5	50.8	59.8	66.7	65.0	56.7	45.8	33.2	22.0	41.7	89	−10	May 15†	Oct. 4†
*Marquette	18.8	13.3	23.6	42.2	49.2	60.4	68.0	65.7	57.5	48.8	31.9	21.0	41.7	108	− 9	May 15	Oct. 4
Menominee	18.3	14.6	26.6	43.2	49.7	63.0	70.2	67.7	58.6	50.1	32.9	20.8	43.0	99	−16	May 12†	Oct. 1
Midland	24.2	19.4	.....	.....	.....	69.6	74.4	70.2	62.6	52.1	35.0	24.6	.....	97	− 5	.....	Sept. 19†
Mio	.....	.....	.....	45.0	53.7	65.4	71.2	64.8	58.4	47.4	30.7	20.0	.....	99	.....	May 15	Sept. 9
Mount Clemens	b29.2	c17.0	33.0	45.8	55.6	c67.8	76.2	69.8	.....	49.6	c34.5	23.3	.....	103	− 5	May 14†	Oct. 4†
Mount Pleasant	21.0	14.0	29.2	c47.5	51.4	67.9	74.4	66.6	62.0	49.0	b32.6	20.2	44.6	98	−14	May 28†	Sept. 17†
Muskegon	24.7	17.0	30.8	46.8	56.4	67.8	76.1	69.2	62.2	52.2	36.8	25.6	47.1	95	−12	May 15	Sept. 19
Newberry	15.9	11.2	24.6	45.0	.....	64.8	.....	.....	.....	48.9	33.0	19.1	.....	.....	−10	.....	.....
North Marshall	23.0	15.7	32.2	46.3	55.8	68.6	b75.2	69.2	61.9	51.0	34.6	c19.6	46.1	98	−11	May 13†	Sept. 19†
Northport	23.8	19.7	28.2	46.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Old Mission	22.8	17.9	26.8	45.3	53.0	66.5	73.2	68.6	59.7	49.8	34.4	23.8	45.2	99	− 1	Apr. 20†	Oct. 17†
Olivet	24.2	15.7	31.8	46.4	55.8	68.8	75.6	68.8	61.6	51.4	35.0	23.0	46.5	94	−10	Apr. 22†	Sept. 19
Omer	18.7	12.3	26.0	.....	.....	63.3	70.6	64.8	59.0	48.0	35.0	23.4	.....	98	−11	May 25†	Sept. 19†
Onaway	.....	13.0	24.6	43.6	53.9	65.1	69.0	64.2	58.6	47.2	33.1	20.9	.....	99	.....	May 26	Sept. 18
Ontonagon	12.6	7.2	17.3	.....	.....	55.8	63.6	64.6	55.4	46.6	30.0	18.8	.....	99	−12	May 28	Oct. 6
*Ovid	22.2	13.8	30.8	47.2	56.0	68.0	74.4	68.6	62.2	51.5	35.4	23.0	46.1	96	−15	Apr. 20†	Sept. 19
Owosso	22.2	14.8	32.0	47.0	57.2	d69.4	78.2	70.4	63.8	53.4	35.6	23.2	47.3	99	−17	May 13†	Oct. 3†
Petoskey	21.4	15.2	25.7	44.2	52.6	63.2	69.0	d66.2	b61.9	b46.5	33.5	23.0	43.5	98	−14	Apr. 21†	Oct. 6†
Plymouth	.....	.....	.....	.....	.....	.....	77.4	75.6	63.3	51.2	.....	.....	.....	.....	.....	.....	Sept. 19†
Pontiac	.....	.....	.....	.....	.....	.....	.....	.....	.....	f51.3	34.6	24.0	.....	.....	.....	.....	.....
Port Austin	22.0	15.2	28.4	42.0	52.1	64.2	75.9	67.0	61.1	52.4	34.8	.....	.....	100	.....	May 15†	Sept. 17†
*Port Huron	25.2	18.2	31.2	43.2	52.6	66.2	73.7	69.8	62.8	51.2	35.3	24.9	46.2	96	− 6	May 4	Oct. 4
Reed City	c18.4	13.0	26.0	48.1	57.8	70.6	76.2	70.8	63.2	49.8	32.8	22.4	45.8	97	−18	May 13†	Sept. 19†
Saginaw	23.0	16.2	31.2	46.6	56.6	69.6	75.6	69.2	62.8	52.6	35.3	23.8	46.9	99	− 8	.....	.....
St. Ignace	22.6	14.6	22.4	42.3	50.8	60.8	65.6	62.2	56.6	48.4	.....	23.0	.....	92	.....	Apr. 20†	Sept. 19
St. Johns	24.1	16.6	31.9	c47.4	56.8	68.6	76.6	70.1	63.4	53.0	35.5	23.8	47.3	96	− 9	Apr. 21†	Sept. 19
St. Joseph	27.6	20.2	34.8	42.8	53.8	69.6	78.3	69.0	63.2	51.6	37.7	.....	.....	100	.....	Apr. 28†	Oct. 15†
*Sault Ste. Marie	16.1	10.9	21.4	42.8	51.9	60.7	66.2	64.1	57.0	45.4	30.8	19.8	40.6	93	−18	May 15	Oct. 3
Sidnaw	11.6	6.1	18.4	38.8	50.2	60.9	67.8	66.8	.....	.....	.....	12.6	.....	100	−20	May 28†	.....
Somerset	23.2	13.0	31.8	45.5	54.4	67.0	75.6	e70.3	e63.0	52.0	33.7	f19.8	45.8	95	−14	Apr. 21†	Sept. 19†
South Haven	26.7	18.6	32.0	44.0	52.9	65.4	74.4	67.8	62.0	53.2	37.8	25.6	46.7	98	0	Apr. 16	Oct. 6†
Stanton	22.2	14.2	27.8	46.8	.....	70.2	f78.0	d68.2	.....	50.2	e32.6	21.4	.....	100	−10	.....	.....
Thomaston	12.4	6.8	19.6	39.6	53.6	67.6	67.6	64.6	53.6	43.8	26.4	.....	.....	101	.....	May 24	Sept. 1†
Thornville	22.8	14.8	31.2	45.6	56.2	68.2	75.6	69.6	62.2	51.4	34.7	24.4	46.4	97	− 9	Apr. 21	Sept. 19
Traverse City	23.4	18.4	27.2	41.0	52.3	65.8	73.2	68.9	61.2	50.2	35.6	24.4	45.1	102	− 7	May 15	Oct. 4†
Vassar	21.9	13.0	30.8	46.1	55.7	.....	73.8	68.6	61.8	49.8	33.8	23.5	.....	.....	−13	May 15†	Sept. 19†
Wasepi	24.9	13.9	33.1	46.5	56.2	68.8	76.2	70.0	63.1	53.8	36.6	23.6	47.2	97	−15	Apr. 20†	Oct. 3†
Waverly	25.6	14.5	30.8	45.6	55.9	e68.5	75.7	68.5	62.0	51.9	.....	.....	.....	100	.....	May 15	Oct. 3
Westbranch	18.4	13.5	25.6	44.8	53.8	60.4	70.4	65.3	59.2	47.8	30.0	21.8	42.6	98	−18	May 15†	Oct. 8†
Wetmore	15.8	7.8	d21.0	38.6	49.0	62.5	d63.4	.....	.....	.....	.....	18.6	.....	.....	−21	May 25†	.....
Whiteclond	22.0	15.2	28.6	46.2	58.0	69.1	76.0	67.8	61.5	49.2	33.3	24.5	46.0	98	−12	May 13†	Oct. 3†
Whitefish Point	f18.1	11.4	20.5	36.8	46.5	55.2	62.6	64.0	57.2	45.8	32.6	22.1	39.4	93	−12	May 4†	Oct. 5†
Williamston	23.6	15.0	32.8	47.1	56.0	68.1	76.3	e68.4	.....	.....	.....	.....	.....	94	.....	May 12†	.....
Ypsilanti	24.6	16.3	32.6	45.8	55.8	67.0	75.6	69.7	62.2	51.6	34.7	24.0	46.6	96	−10	Apr. 21†	Oct. 5
Minnesota.																	
Ada	6.2	4.5	25.2	45.2	58.5	63.4	71.6	65.8	54.1	46.6	b25.5	7.6	39.6	97	−42	June 6	Sept. 17
Albert Lea	16.6	.....	.....	.....	.....	.....	.....	.....	59.4	50.6	30.2	13.2	.....	.....	.....	.....	.....
*Alexandria	11.5	9.4	27.1	45.3	57.6	64.8	73.1	68.8	56.0	50.4	23.6	14.0	42.3	100	−36	May 25†	Sept. 19†
Ashby	11.4	9.3	27.8	47.6	59.1	65.2	73.4	69.8	57.5	49.0	28.0	12.5	42.6	98	−33	June 7†	Oct. 2†
Beardsley	14.2	c12.2	29.5	46.9	58.2	64.6	e75.4	71.0	57.8	49.5	28.6	15.8	43.6	106	−31	June 7†	Sept. 29
Beaulieu	8.4	4.2	27.8	.....	e58.2	.....	72.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bemidji	7.3	6.2	24.4	44.3	59.1	63.8	72.4	68.1	55.6	47.4	26.5	12.0	40.6	101	−35	June 7†	Sept. 18†
Bird Island	15.2	12.6	30.5	49.1	59.6	67.2	76.7	72.6	59.2	51.2	29.2	14.5	44.8	105	−27	June 7†	Sept. 20†
Blooming Prairie	15.4	10.7	29.2	46.6	57.8	67.8	77.4	71.1	58.4	49.3	30.0	12.2	43.8	103	−31	June 8	Sept. 20†
Brainerd	7.6	5.8	24.4	e46.7	58.2	d63.0	c73.7	69.0	57.4	48.0	25.9	c10.4	40.8	99	−35	June 7†	Sept. 18†
Caledonia	17.3	11.1	28.8	48.8	58.6	69.5	77.2	69.2	58.4	50.6	30.9	15.9	44.7	103	−26	May 12†	Sept. 17†
*Campbell	.....	.....	.....	46.0	.....	66.2	74.2	68.6	57.3	.....	.....	.....	.....	99	.....	.....	.....
Collegeville	14.8	12.4	28.1	45.2	58.3	66.8	74.7	71.1	57.8	50.3	30.1	15.4	43.8	103	−27	May 13	Sept. 18
*Crookston	6.0	6.0	24.7	44.4	58.0	62.8	71.6	67.0	55.8	47.2	26.6	11.2	40.1	99	−31	June 7†	Sept. 18
Currie	13.8	13.2	29.3	.....	e59.3	67.2	77.7	b71.8	b55.8	.....	31.2	14.2	.....	108	−27	June 8	Sept. 20†
*Detroit City	3.4	0.8	25.6	44.8	57.2	63.0	71.6	66.3	d55.8	47.0	25.8	7.8	39.1	97	−48	June 8†	Sept. 17
*Duluth	12.9	10.9	24.8	40.8	49.8	57.2	65.8	67.8	57.4	48.2	29.4	14.8	40.0	98	−26	Apr. 21	Oct. 16
Faribault	17.1	12.2	e29.8	49.8	61.9	70.4	79.6	72.8	60.4	50.4	31.4	14.8	45.9	104	−29	May 25†	Oct. 2
Farmington	15.8	11.4	29.0	49.2	59.8	68.7	76.8	72.2	60.2	52.8	31.8	15.2	45.2	102	−30	May 13	Oct. 14†
Fergus Falls	9.6	8.3	27.5	46.9	58.6	65.0	73.6	68.5	55.5	48.0	27.6	11.8	41.7	100	−35	May 13†	Sept. 19
Glencoe	15.0	12.4	28.4	46.0	58.8	66.1	75.1	70.4	55.2	49.0	29.0	14.6	43.3	103	−30	June 7†	Sept. 15†
*Grand Meadow	14.0	9.0	27.4	47.6	59.5	68.7	79.4	72.7	59.2	48.9	30.2	12.4	44.1	107	−30	June 7	Sept. 20
Hallock	1.8	2.2	21.5	44.0	58.2	61.2	69.0	64.5	52.7	45.3	23.4	8.8	37.7	93	−36	June 7	Sept. 18
Lake Jennie	14.2	12.1	28.8	48.1	60.8	67.7	75.3	71.8	58.2	52.0	.....	.....	.....	105	.....	Apr. 22†	Oct. 4†
Lakeside	12.8	12.1	29.3	48.9	58.8	67.8	76.0	71.0	58.6	50.0	30.8	13.8	44.2	105	−32	May 24	Sept. 20†

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Minnesota—Continued.																	
Lake Winnibigoshish	6.5	4.0	21.8	38.0	56.8	60.7	70.4	67.8	55.2	46.8	24.8	10.8	38.6	103	−33	June 8†	Sept. 20†
Leech	5.4	5.4	22.4	43.1	56.1	62.2	70.2	66.1	55.0	46.6	24.0	11.2	39.0	99	−36	May 25	Sept. 19
Leroy	17.2	10.5	28.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Long Prairie	9.5	9.4	26.4	46.2	57.2	[4]66.0	73.8	69.9	57.6	49.2	27.8	9.6	41.9	102	−37	June 8†	Sept. 18†
Luverne	18.8	17.8	33.1	48.2	59.3	67.3	79.0	72.5	58.8	.....	31.5	17.7	.....	102	−26	May 24†	Sept. 17†
Lynd	17.1	15.2	[2]30.7	49.2	[2]60.0	67.4	76.8	[2]71.6	58.0	53.2	31.4	17.3	45.7	104	−27	May 25	Sept. 29
Mapleplain	13.5	10.8	28.0	48.8	59.3	68.5	76.2	71.2	59.1	50.8	29.6	13.8	44.1	104	−34	May 25	Sept. 18
Milaca	.....	.....	.....	46.2	56.8	63.6	72.2	67.2	56.4	48.6	.....	.....	.....	100	.....	May 24†	Sept. 17†
Milan	13.1	11.4	30.5	48.9	59.0	66.5	78.2	72.7	[5]55.6	50.1	28.9	[4]12.6	44.0	107	−34	June 7†	Sept. 29†
*Minneapolis	15.2	12.2	29.0	49.4	59.3	69.0	77.4	72.2	60.0	51.6	31.0	15.9	45.2	102	−27	Apr. 22	Oct. 14
Minneapolis[1]	12.5	9.5	26.8	48.4	59.7	69.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minneapolis (*a*)[2]	15.0	11.8	28.5	48.9	59.2	69.1	77.2	71.7	58.6	49.7	29.4	14.7	44.5	105	−28	Apr. 22	Oct. 14
*Montevideo	14.6	14.4	29.7	49.2	59.4	67.6	77.9	72.0	58.6	49.8	28.9	14.4	44.7	106	−29	June 7†	Sept. 29†
*Moorhead	9.2	8.6	27.4	46.6	59.3	64.1	72.0	68.4	55.6	48.5	26.6	11.2	41.5	97	−32	May 12†	Oct. 16
Morris	12.8	10.6	28.6	49.0	60.2	66.4	75.4	69.7	58.0	50.4	26.4	13.2	43.4	102	−32	June 7	Oct. 2†
Mount Iron	6.4	5.9	21.5	43.4	55.1	60.6	68.0	68.7	53.5	43.5	22.6	7.0	37.6	101	−35	June 8†	Sept. 7
Newfolden	1.6	0.9	19.6	43.0	56.9	60.6	68.6	64.2	52.2	43.7	.....	.....	.....	95	.....	June 7†	Sept. 18
New London	10.1	8.2	27.4	46.7	59.0	68.2	78.2	72.0	59.0	48.4	28.0	13.3	43.2	110	−31	May 12	Sept. 27
New Richland (*a*)	18.6	14.9	31.4	48.8	59.0	68.6	79.2	72.5	59.8	50.8	30.6	16.0	45.8	103	−30	Apr. 19†	Oct. 2
*New Ulm	16.4	13.0	29.4	50.4	60.6	69.5	79.8	73.0	58.8	52.8	30.1	15.8	45.8	105	−26	June 7	Sept. 20
*Park Rapids	7.4	5.2	23.2	42.5	55.8	62.6	70.4	66.1	53.4	46.0	25.8	10.4	39.1	100	−39	May 25†	Sept. 18
Pine River	7.1	5.2	23.2	43.9	56.2	62.0	70.6	67.8	55.6	48.5	28.2	13.0	40.1	98	−35	May 25	Sept. 19
Pipestone	17.4	14.3	29.9	46.9	57.6	65.0	78.4	71.2	57.4	48.8	30.4	14.8	44.3	100	−26	June 7	Sept. 17†
Pleasant Mounds	19.0	15.5	31.3	49.6	58.4	67.6	78.4	71.5	60.6	52.6	32.6	[4]16.7	46.2	102	−26	June 7†	Sept. 19†
Pokegama Falls	1.0	0.0	18.4	41.2	54.1	60.4	68.8	65.4	53.3	43.6	22.9	7.4	36.4	99	−47	June 8†	Sept. 8†
Redwing	16.2	11.0	31.5	51.0	61.0	70.7	79.0	72.6	61.5	52.0	32.2	16.0	46.2	106	−25	Apr. 19†	Oct. 4
Rolling Green	16.2	14.0	29.6	47.4	58.4	68.4	78.2	71.4	59.1	50.2	31.3	15.8	45.0	99	−24	May 25†	Sept. 17
St. Charles	18.2	12.8	29.0	48.2	58.2	68.4	77.0	70.6	59.5	52.3	32.5	14.0	45.1	104	−32	May 25	Sept. 18
St. Cloud	13.2	[1]9.5	31.6	48.8	58.2	64.9	76.6	71.3	60.2	51.2	29.8	14.8	44.2	105	−32	Apr. 22†	Sept. 18
*St. Paul	16.2	12.6	29.8	50.0	60.2	69.6	78.0	72.2	59.7	51.6	31.0	15.8	45.6	104	−25	Apr. 22	Oct. 13
St. Peter	16.8	[4]14.8	30.8	48.8	59.6	69.5	79.0	72.6	58.6	51.4	33.4	16.7	46.0	106	−27	May 23†	Sept. 20
Sandy Lake Dam	6.2	5.0	22.6	42.6	56.8	62.8	71.0	67.2	55.7	46.4	25.7	10.0	39.3	98	−39	May 25	Sept. 18
Shakopee	16.0	11.8	30.1	49.2	60.0	67.4	76.4	71.7	59.8	51.4	31.2	15.4	45.0	102	−27	June 7	Sept. 20
Tower	9.8	7.8	22.2	42.7	56.8	61.2	68.7	62.0	51.6	43.8	21.9	6.4	37.9	101	−42	June 10†	Aug. 31†
Two Harbors	11.4	9.8	22.6	39.2	48.0	55.1	63.8	64.7	54.2	44.3	26.3	12.6	37.7	99	−26	May 28†	Sept. 17†
Wabasha	17.8	12.5	27.3	47.3	60.9	67.8	75.2	68.7	58.0	48.4	28.8	16.2	44.1	105	−27	.....	.....
Warroad	.....	.....	18.6	41.2	55.2	59.4	[5]69.4	[2]64.8	[4]52.9	[5]49.3	22.4	6.5	.....	97	.....	June 8†	Sept. 18
White Bear	.....	.....	.....	[2]50.0	58.4	.....	.....	74.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Willmar	13.0	10.6	28.9	47.4	58.7	65.6	75.1	71.0	[2]56.2	49.0	28.6	13.6	43.1	102	−33	May 12†	Sept. 20†
Willow River	10.4	7.6	24.4	44.2	54.6	62.0	69.8	68.2	57.0	48.0	27.9	[4]14.3	40.7	101	−35	May 26†	Sept. 19
*Winnebago City	15.4	12.4	29.2	48.0	58.9	69.1	79.5	72.4	59.2	51.2	30.0	[2]18.4	45.3	105	−26	May 25†	Sept. 20
*Worthington	18.5	16.1	31.0	45.9	57.4	67.6	79.0	70.6	57.8	51.0	32.5	[4]14.4	45.2	100	−26	May 25†	Sept. 20
Zumbrota (*a*)	17.9	12.6	29.4	49.3	60.5	69.5	77.9	71.8	60.2	50.8	30.2	15.8	45.5	103	−34	May 25†	Sept. 16
Mississippi.																	
*Aberdeen	.....	.....	.....	.....	67.8	78.8	81.8	77.0	69.6	59.6	47.6	39.0	.....	105	.....	.....	Nov. 6
Agricultural College	46.8	42.6	54.1	59.6	70.4	81.4	85.1	80.7	72.8	65.0	51.8	40.8	62.6	105	6	Apr. 21	Nov. 4
Austin	47.4	42.5	54.0	59.3	68.6	78.8	82.3	78.8	71.2	62.2	49.3	39.7	61.2	101	3	.....	Nov. 13
*Batesville	42.8	42.4	53.0	56.6	68.4	80.2	84.0	79.2	69.8	60.5	46.7	38.4	60.2	107	1	.....	.....
Bay St. Louis	52.4	51.6	58.7	64.2	75.4	82.1	82.9	81.4	77.7	68.7	55.3	48.2	66.6	102	19	Mar. 16	Nov. 17
Biloxi	56.2	52.5	59.6	65.0	75.2	80.8	82.7	[2]81.2	77.8	68.4	57.0	50.0	67.2	100	18	.....	Nov. 17
Booneville	41.0	39.0	49.0	56.0	67.4	78.4	82.9	78.0	70.4	63.1	45.6	35.9	58.9	104	1	.....	.....
*Brookhaven	48.4	48.2	57.4	60.8	72.5	82.0	83.8	81.0	74.8	65.6	53.4	48.2	64.3	109	10	.....	.....
Canton	49.8	46.0	55.8	59.8	69.9	79.4	81.9	80.3	72.5	64.2	51.0	44.6	62.9	103	11	.....	Nov. 16
Cleveland	.....	.....	.....	.....	.....	77.2	81.2	81.2	72.5	61.4	51.0	.....	.....	105	.....	Apr. 21	Nov. 8
*Columbus	45.9	41.8	53.0	57.8	68.9	80.0	83.4	79.6	71.8	63.0	48.2	39.2	61.0	102	8	.....	Nov. 6
*Corinth	.....	.....	.....	55.3	69.8	80.8	83.8	78.2	70.7	60.3	.....	.....	.....	104	.....	.....	.....
Crystal Springs	49.1	45.2	54.8	59.8	71.5	79.9	83.0	80.3	74.0	65.6	53.0	43.4	63.3	105	12	Apr. 21	Nov. 6
Edwards	51.2	47.6	57.9	62.4	73.2	82.2	84.5	82.4	75.2	65.8	53.4	45.4	65.1	102	12	Apr. 21	Nov. 16
Fayette	51.4	46.4	[5]54.6	60.0	70.9	79.6	82.2	80.3	73.8	65.0	53.9	45.1	63.6	104	14	Apr. 21	Nov. 6
Fayette (near) (*a*)	52.2	49.4	58.8	63.2	73.8	83.1	84.8	82.5	75.6	66.7	54.5	48.4	66.1	105	18	.....	.....
Greenville[3]	48.9	46.3	55.7	61.6	72.8	81.0	83.2	81.0	74.6	64.0	51.8	43.0	63.7	99	9	Apr. 22	Nov. 13
*Greenville[4]	48.2	43.8	53.9	60.4	71.3	81.5	84.6	82.0	74.1	65.8	51.8	41.4	63.2	105	9	.....	.....
Hattiesburg	.....	.....	.....	.....	.....	[2]83.6	85.0	82.6	75.9	64.2	52.4	46.6	.....	101	.....	.....	Nov. 16
*Hazlehurst	.....	.....	.....	.....	72.8	[2]82.2	83.1	81.3	76.0	.....	.....	.....	.....	106	.....	.....	Nov. 6
*Hernando	44.8	40.4	52.0	57.3	68.6	79.6	85.0	80.1	71.8	62.9	48.1	36.4	60.6	104	1	.....	Nov. 13†
*Holly Springs	43.2	38.7	49.0	56.6	68.4	79.8	84.4	78.5	71.0	63.4	47.9	34.8	59.6	103	0	.....	Nov. 18
Indianola	.....	.....	.....	61.1	.....	[2]80.8	81.4	79.1	71.8	62.2	49.6	42.9	.....	102	.....	.....	Nov. 12
*Jackson	50.8	45.9	55.4	60.2	70.6	80.2	83.0	80.8	75.0	66.6	53.8	43.4	65.5	104	12	Mar. 21	Nov. 6
Kosciusko	48.7	44.8	56.3	59.5	69.0	79.6	83.4	79.0	.....	.....	.....	.....	.....	106	.....	.....	.....
*Lake	.....	.....	50.9	56.7	67.4	76.8	79.6	77.8	71.8	61.6	48.2	40.2	.....	103	.....	.....	Nov. 6†
Leakesville	50.0	48.7	[2]57.4	62.6	72.2	80.8	83.5	81.2	77.0	65.4	.....	.....	10.9	.....	.....	.....	Nov. 4†
Lonisville[4]	48.4	44.0	55.0	58.4	68.3	78.6	82.7	79.0	72.2	63.8	50.3	42.0	61.9	104	5	Mar. 21	Nov. 13
*Macon	45.3	42.6	53.6	57.6	70.1	80.9	83.6	80.2	71.6	61.8	.....	.....	.....	105	.....	.....	.....
Magnolia	50.0	48.9	57.6	62.0	71.1	80.6	81.9	80.2	74.4	65.0	53.5	47.8	64.4	104	12	Mar. 21	Nov. 6
*Meridian	48.2	45.2	55.6	59.1	69.5	78.6	81.5	78.7	72.2	62.8	49.6	43.4	62.0	104	10	Mar. 17	Nov. 6
*Natchez	54.2	49.1	59.9	63.0	72.2	80.6	83.0	81.7	75.8	67.7	57.3	46.9	66.0	105	11	.....	Nov. 17†
Nittayuma	.....	.....	.....	60.8	70.2	80.4	83.1	80.5	72.7	63.8	53.3	42.4	.....	104	.....	.....	Nov. 17†
*Okolona	44.4	42.9	51.6	60.2	72.4	80.9	84.4	78.8	70.2	60.2	47.9	37.0	60.9	108	3	.....	Nov. 5
Palo Alto	46.3	43.6	54.0	59.2	69.0	80.2	84.6	79.2	72.8	63.0	53.4	41.8	62.3	104	6	Apr. 22	Nov. 6
Pearlington	52.2	51.4	58.8	63.1	73.4	80.2	82.6	81.0	76.2	66.4	53.8	48.5	65.6	105	15	Apr. 21	Nov. 5
Pittsboro	.....	.....	.....	.....	.....	.....	83.6	79.0	71.8	63.6	48.8	40.2	.....	.....	.....	.....	Nov. 13
Pontotoc	44.8	42.0	52.8	58.0	67.5	79.0	83.4	77.6	71.0	63.0	49.0	39.4	60.6	105	2	Mar. 21	Nov. 13
Poplarville	.....	51.2	59.0	64.0	75.2	82.6	[2]83.2	.....	[2]75.6	68.4	57.8	51.0	.....	.....	.....	.....	Nov. 17
*Port Gibson	51.6	47.8	57.8	60.4	70.8	80.1	82.8	81.8	74.5	64.3	54.2	46.4	64.4	103	14	.....	Nov. 16†
Ripley	43.4	39.8	49.8	56.5	66.0	77.2	82.1	76.8	69.4	60.2	46.4	36.6	58.7	105	[5]0	.....	Nov. 4
Saratoga	49.5	48.4	53.7	59.0	70.9	79.8	82.1	80.0	73.9	.....	.....	.....	.....	106	.....	.....	.....
Stonington (*a*)	51.2	47.9	57.4	61.7	72.3	79.6	81.4	80.0	74.4	66.3	54.0	46.2	64.4	100	14	.....	Nov. 6

[1] W. M. Cheney. [2] J. H. Aschenbeck. [3] Robert Somerville. [4] Cotton region observer.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Annual. Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Mississippi—Continued.																	
Suffolk	.....	.....	.....	.....	.....	80.4	[a]81.4	79.5	73.2	65.0	54.2	47.4	.....	104	.....	Apr. 21	Nov. 16
Swartwout	.....	.....	.....	.....	.....	.....	[a]80.2	76.4	.....	.....	56.1	50.4	.....	.....	.....	.....	Nov 16
Thornton	50.2	46.6	54.6	62.3	72.0	82.0	84.8	81.0	74.6	66.0	53.6	44.2	64.3	100	14	.....	Nov. 6
*Vicksburg	51.3	48.0	57.0	62.2	71.5	80.5	82.2	80.8	74.6	67.4	55.0	45.2	64.6	100	13	Mar. 16	Nov. 16
Walnutgrove	47.4	44.8	56.6	61.4	[c]71.8	81.2	[d]84.2	[f]79.1	[f]71.8	.....	.....	[c]42.3	.....	104	10	.....	Nov. 16
Watervalley	.....	.....	.....	.....	.....	[a]82.6	85.3	80.8	72.8	66.4	51.4	41.0	.....	108	.....	Apr. 22	Nov. 15
*Waynesboro	49.2	47.3	55.7	61.1	75.5	81.8	84.7	82.0	76.8	67.0	54.4	48.5	65.1	105	12	Apr. 22	Nov. 16
Windham	.....	.....	.....	61.8	72.0	[f]79.4	81.6	.....	74.2	.....	.....	.....	.....	.....	.....	Apr. 7	.....
Woodville	52.5	49.5	58.2	62.8	73.2	81.8	82.8	81.0	74.5	66.0	55.2	47.8	65.4	.....	.....	Apr. 21	Nov. 16
*Yazoo City	49.6	45.2	55.5	59.6	71.2	80.9	83.4	81.0	73.0	64.6	49.7	42.2	63.0	105	11	Apr. 21	Nov. 6
Missouri.																	
Appleton City	36.7	30.4	43.7	54.4	65.2	.....	[a]86.7	80.1	69.4	61.2	45.0	29.8	.....	.....	−14	Apr. 19	Oct. 14
Arthur	35.8	30.9	44.6	54.1	63.0	79.4	86.1	78.2	67.4	60.6	45.2	29.6	56.2	110	−17	.....	Oct. 14
Avalin	32.2	24.2	42.2	52.8	63.6	79.0	87.1	80.0	69.5	61.6	43.2	26.0	55.1	111	−21	.....	Sept. 18
Bethany	29.2	21.7	38.8	50.4	60.0	74.0	83.0	75.2	65.4	56.2	39.6	23.6	51.4	109	−29	May 13	Oct. 4
Birchtree	39.1	32.6	46.5	54.6	65.2	76.6	82.6	79.0	69.4	60.2	46.2	32.2	57.0	109	−13	.....	Sept. 18
*Brunswick	31.4	22.0	39.4	52.8	62.5	76.7	84.1	77.6	67.4	58.4	40.8	25.0	53.2	103	−22	.....	Nov. 3
Carrollton	33.3	24.8	40.5	50.9	62.2	75.3	87.1	78.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Columbia	34.7	26.6	41.7	53.1	63.5	78.4	85.2	78.8	69.4	60.2	42.4	26.9	55.1	111	−23	Apr. 18	Oct. 4
Conception	30.7	21.7	37.4	51.4	[f]60.2	77.6	86.4	75.8	67.4	58.4	[d]40.0	24.0	52.6	104	−22	.....	.....
Cook Station	36.7	30.3	44.6	52.0	63.2	78.2	83.9	77.5	68.6	.....	.....	.....	.....	115	.....	Apr. 21	Sept. 18
Cowgill	31.6	23.8	38.6	52.6	.....	.....	88.8	80.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Darksville	29.7	22.0	37.7	51.6	63.1	76.8	85.8	77.2	.....	.....	[c]39.8	25.0	.....	112	−22	Apr. 21	.....
Dean[1]	41.0	35.5	47.2	55.6	65.8	78.1	84.2	79.0	70.6	62.5	48.6	35.5	58.6	111	− 5	.....	Oct. 14
Desoto	.....	.....	.....	53.0	64.2	78.4	85.0	80.0	70.5	62.4	44.6	30.8	.....	110	.....	.....	.....
Edgehill (*e*)	33.6	28.6	42.2	52.3	65.4	80.6	84.4	77.5	68.0	55.8	39.8	28.2	54.7	110	−18	.....	Sept. 19
Edwards	36.6	30.6	46.6	.....	62.0	78.2	84.8	76.8	[b]67.0	[d]58.7	[f]43.0	.....	.....	111	.....	.....	.....
Eightmile (*e*)	32.7	26.6	38.8	49.1	57.9	71.6	80.3	75.3	70.1	58.3	42.9	28.7	52.7	114	− 9	Apr. 18	.....
Eldon	36.1	29.6	44.2	53.8	62.4	77.7	85.1	78.6	69.0	60.8	44.2	29.4	55.9	110	−24	May 26	Sept. 18
Fayette	33.0	25.1	41.0	53.0	63.6	78.1	86.4	79.4	68.5	59.8	42.4	26.4	54.7	113	−21	May 13	Sept. 18
Fulton	35.6	28.6	43.6	52.6	63.2	77.4	84.0	77.6	68.4	59.9	43.0	28.4	55.2	110	−18	.....	Sept. 18
Gallatin (*a*)	31.1	24.4	40.1	52.3	62.2	77.0	87.3	79.4	68.0	60.3	42.4	25.2	54.1	112	−24	Apr. 3	.....
Gayoso	41.4	37.4	49.7	57.4	67.4	80.4	84.4	77.4	69.1	60.2	46.6	34.4	58.8	107	− 5	.....	Nov. 4
Glasgow	33.1	25.2	40.6	53.6	63.2	78.1	86.2	79.2	69.0	60.0	42.6	26.2	54.8	109	−20	Apr. 20	.....
Halfway	39.4	32.2	44.4	53.9	63.0	77.6	[a]84.6	78.6	69.4	61.2	46.9	[c]31.6	56.9	109	−15	.....	Oct. 14
*Hannibal	33.0	24.4	40.8	52.2	63.3	77.2	84.8	77.6	68.8	58.7	40.4	26.6	54.0	108	−18	Apr. 21	Oct. 5
*Harrisonville	31.8	25.0	40.4	52.5	63.2	79.6	87.6	78.8	67.8	59.2	41.8	26.8	54.5	112	−15	Apr. 18	Oct. 14
Houston	38.8	32.2	45.2	53.6	62.8	76.2	82.4	78.4	70.0	60.8	46.5	32.0	56.6	111	−12	.....	Sept. 18
*Ironton	36.2	31.0	44.9	52.6	63.6	77.1	82.8	77.8	68.4	59.4	43.6	29.7	55.6	113	−16	.....	Sept. 19
Jackson	.....	.....	.....	.....	63.8	77.3	82.8	76.5	68.6	59.8	44.4	31.0	.....	111	.....	.....	Sept. 18
*Jefferson City	.....	28.8	.....	53.2	65.8	80.6	87.0	80.8	70.4	.....	42.6	27.7	.....	114	.....	.....	.....
*Kansas City	34.7	26.7	42.2	53.9	63.8	79.2	87.1	79.3	68.8	61.8	44.8	28.4	55.9	106	− 8	Apr. 3	Nov. 3
*Kidder	30.4	22.6	39.2	51.0	61.2	76.4	85.8	77.6	67.0	58.8	41.4	24.0	53.0	109	−21	.....	Sept. 18
Koshkonong	41.0	35.3	47.8	56.1	66.6	79.5	84.7	80.0	72.2	63.0	48.1	33.6	59.0	110	− 9	.....	Sept. 18
*Lamar	38.7	32.8	45.6	55.4	65.4	79.3	86.0	80.4	71.1	62.6	47.4	33.0	58.1	108	− 9	Apr. 19	Oct. 14
Lebanon	37.3	31.2	44.6	54.3	64.2	79.2	85.4	79.9	.....	61.1	45.2	30.6	.....	109	−15	Apr. 3	Oct. 14
*Lexington	34.1	27.0	43.0	53.7	64.0	79.4	86.9	79.5	69.1	61.8	45.4	28.8	56.1	111	−13	.....	.....
Liberty	31.4	24.6	40.8	52.2	62.6	77.6	85.8	78.6	68.6	59.9	42.8	26.9	54.3	109	−14	.....	Sept. 18
Louisiana	34.8	27.6	43.6	53.6	64.6	.....	.....	.....	.....	.....	.....	[c]29.2	.....	.....	−22	Apr. 19	.....
McCune (*a*)	33.6	25.4	41.8	52.4	64.0	79.3	85.7	78.3	69.4	58.3	42.1	26.4	54.7	110	−23	May 13	Sept. 18
Macon	32.6	24.8	41.2	53.2	64.8	78.3	86.6	78.0	68.6	59.7	41.4	25.9	54.6	111	−21	.....	.....
Marblehill	37.9	33.6	[c]45.6	54.4	63.6	77.2	[a]84.4	77.0	69.0	59.7	43.9	30.8	56.4	116	−20	.....	Sept. 19
Marshall	33.2	24.4	42.2	53.2	62.4	76.8	85.1	78.6	68.7	60.2	43.4	27.0	54.6	108	−22	.....	.....
*Maryville	[a]26.6	20.6	36.4	51.4	62.4	75.1	84.2	76.6	64.4	55.9	37.9	22.0	51.1	107	−13	.....	Sept. 18
*Mexico	34.0	27.1	41.4	53.4	64.7	79.1	86.6	79.2	70.6	61.1	43.0	27.0	55.6	112	−21	.....	.....
Miami (*e*)	31.8	25.1	40.2	54.4	65.8	82.2	89.4	79.6	68.9	59.5	42.6	26.4	55.5	109	−14	.....	Oct. 4
Mineral Spring	40.8	34.8	45.6	55.2	65.4	79.4	84.6	78.6	70.6	61.7	48.1	34.2	58.2	107	− 6	.....	Oct. 14
Monroe City	.....	.....	.....	.....	.....	.....	.....	75.8	66.4	57.4	40.4	25.6	.....	.....	.....	.....	Oct. 4
Montreal	37.0	30.1	45.2	53.4	61.7	77.6	84.4	76.8	68.4	60.0	43.8	29.0	55.6	110	−25	May 26	Sept. 18
Mountain Grove	.....	.....	.....	[c]55.6	64.2	77.7	[a]83.5	78.4	69.0	61.0	46.2	30.4	.....	107	.....	Apr. 19	Oct. 14
Mount Vernon	38.8	33.0	45.7	54.5	64.2	79.4	87.4	81.2	72.7	[f]63.2	48.8	35.5	58.7	111	− 7	Apr. 21	Sept. 18
Neosho	39.4	34.8	46.6	54.2	64.0	77.0	83.1	77.6	69.3	62.0	48.5	34.7	57.6	106	− 7	Apr. 18	Oct. 14
New Haven	36.0	30.6	44.7	53.8	64.8	79.0	86.0	80.0	70.4	61.4	44.6	30.0	56.8	112	−16	.....	Nov. 4
New Madrid	.....	.....	.....	.....	.....	79.6	85.2	79.5	.....	.....	.....	.....	.....	106	.....	.....	.....
New Palestine	36.6	29.0	44.6	53.8	63.9	79.0	86.2	79.2	[f]73.9	61.4	44.7	30.6	56.9	110	−16	May 26	Sept. 18
Oakfield	37.1	29.9	44.2	53.4	64.0	79.2	87.2	80.0	71.4	61.4	44.3	29.1	56.8	112	−16	.....	Nov. 4
Olden	39.2	33.0	46.1	54.1	64.7	77.4	82.8	79.1	70.6	62.6	48.4	32.5	57.5	106	−10	Apr. 19	Sept. 18
Oregon	30.8	24.1	39.6	53.4	62.8	76.4	85.9	77.4	67.6	59.9	42.5	25.4	53.8	107	−12	.....	Sept. 18
Palmyra (*e*)	31.9	23.8	40.0	52.6	64.6	78.2	86.6	77.9	67.8	56.8	39.0	26.9	53.8	107	−16	May 13	Sept. 18
Phillipsburg (*a*)	36.2	30.2	42.4	53.0	64.4	79.0	[a]83.7	77.6	67.6	58.7	44.2	29.9	55.6	109	−14	.....	Sept. 18
Poplarbluff	41.4	37.2	49.4	57.6	66.4	78.6	85.1	79.2	70.4	60.8	47.6	.....	.....	112	.....	.....	.....
Potosi	33.2	26.8	41.9	[c]51.0	62.0	76.0	81.9	77.2	67.6	58.0	42.3	28.1	53.8	112	−26	.....	Sept. 18
Princeton	30.0	22.2	.....	51.2	63.2	78.2	87.0	77.6	67.6	58.4	40.2	24.3	.....	111	.....	Apr. 20	Oct. 4
Richmond	33.6	25.5	41.2	52.8	62.2	78.2	86.2	79.4	68.6	60.9	43.6	26.3	54.9	108	−14	Apr. 18	.....
St. Charles	36.0	28.7	43.8	53.2	[a]62.9	78.2	86.2	79.6	70.0	61.6	44.0	28.8	56.1	112	−19	Apr. 21	.....
*St. Louis	37.2	31.0	44.8	54.4	66.2	80.6	87.4	80.0	71.8	61.8	44.0	30.2	57.4	107	−10	Mar. 21	Nov. 4
Sarcoxie (*e*)	[a]32.4	29.1	40.7	51.8	63.4	76.0	83.0	76.6	67.8	57.4	42.0	26.5	53.9	.....	12	.....	.....
Sedalia	.....	28.6	.....	53.4	.....	.....	.....	.....	68.4	61.0	44.4	[f]30.5	.....	.....	.....	.....	Sept. 18
Seymour	38.3	31.9	44.3	53.6	63.6	76.8	83.4	78.1	68.8	60.6	46.0	30.6	56.3	107	−13	.....	Sept. 18
Sikeston	39.6	35.2	47.8	54.1	64.8	78.0	83.2	77.6	69.5	60.3	45.6	33.1	57.4	111	− 8	Mar. 28	Nov. 4
*Springfield	38.0	32.0	43.7	53.8	63.8	77.3	83.9	78.6	69.5	61.9	46.4	31.3	56.7	106	−11	Apr. 18	Oct. 14
Steffenville	31.8	28.0	40.8	53.4	64.3	77.6	86.2	78.8	69.0	59.8	40.4	25.8	54.2	112	−19	May 13	Oct. 4
Sublett	29.3	21.9	37.8	50.9	62.5	76.5	85.6	76.6	66.4	57.4	[c]40.1	[b]21.4	54.6	112	−19	May 26	Sept. 18
Trenton	.....	.....	40.2	52.0	63.2	76.7	85.5	77.0	66.8	58.5	40.9	25.1	.....	105	.....	Apr. 20	Sept. 18
*Unionville	29.8	28.2	38.4	52.6	64.1	77.8	86.7	78.6	68.6	59.4	40.3	24.2	53.6	112	−16	.....	Oct. 4
Vichy	37.2	[f]30.9	.....	53.8	64.0	77.4	85.0	79.4	70.6	.....	44.4	.....	.....	112	.....	.....	Sept. 18
Warrensburg	34.6	[a]28.7	43.4	53.3	64.5	[a]80.1	87.1	79.7	68.2	[c]61.6	44.0	28.4	55.2	110	−14	.....	.....
*Warrenton	32.8	26.1	40.4	51.4	63.6	78.1	87.4	79.5	70.8	59.2	42.1	26.1	54.8	113	−17	.....	Sept. 18

[1] Name of station changed from Wylie, April, 1901.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Missouri—Continued.																	
Willowsprings	.....	32.6	44.6	54.3	63.4	75.8	80.3	77.4	65.8	57.8	.....	.....	.....	107	.....	.....	.....
Windsor	35.3	27.7	43.2	53.0	62.3	°76.6	.....	79.2	68.5	60.7	45.4	29.0	.....	.....	—18	.....	Oct. 14
Zeitonia	37.6	31.5	44.6	53.2	64.4	77.4	83.8	78.8	69.0	60.0	45.3	31.6	56.4	111	—17	Apr. 21	Sept. 19
Montana.																	
Adel	21.7	18.1	32.8	37.5	50.5	48.4	60.4	60.2	49.8	45.2	.....	25.2	.....	92	—27	July 29†	Aug. 11†
Anaconda	.....	.....	33.1	37.8	53.2	49.8	66.3	65.2	50.2	47.7	37.8	26.6	.....	96	.....	June 30†	.....
Augusta	22.3	20.8	35.2	39.5	53.8	50.4	64.6	64.2	45.0	49.6	38.2	°27.4	42.7	91	—25	June 12†	Sept. 17
Billings	21.0	21.0	35.0	47.0	62.8	59.8	77.8	71.9	53.2	53.2	37.4	28.0	47.3	112	—22	Apr. 28†	Sept. 16†
Boulder	19.8	18.6	32.7	.....	53.3	51.6	66.8	64.8	47.6	47.4	35.4	26.8	.....	97	—19	July 1†	Sept. 16†
Bozeman	22.4	20.4	32.5	39.4	54.2	51.8	68.4	66.4	47.4	48.9	38.1	25.1	42.9	97	—14	.....	.....
Butte	25.4	19.8	30.2	36.5	51.4	49.3	65.4	62.8	45.8	48.3	37.2	26.8	41.6	92	—11	June 26†	Sept. 5†
Canyon Ferry	21.7	22.6	36.0	45.0	59.6	58.0	74.0	70.8	52.5	°49.3	37.6	°25.3	46.0	104	—13	May 10†	Sept. 17†
Chester	18.0	12.4	32.8	41.2	56.7	52.6	68.1	67.8	51.0	47.0	31.6	22.2	41.4	98	—33	June 12†	Sept. 17†
Chinook	17.1	15.6	35.7	42.2	60.4	59.4	75.0	.....	.....	.....	.....	.....	.....	.....	.....	June 6	.....
Clemons	23.6	19.2	33.4	38.0	52.2	49.0	62.8	.....	.....	.....	.....	.....	.....	.....	.....	July 1†	.....
Columbia Falls	22.0	23.4	36.4	40.8	54.2	51.2	.....	.....	49.1	46.6	36.0	27.8	.....	.....	— 8	June 12†	Sept. 7†
Corvallis	29.0	28.0	38.0	44.0	58.4	57.8	72.4	75.1	.....	.....	.....	.....	.....	100	.....	June 11†	.....
Crow Agency	22.4	21.0	39.0	48.4	62.2	60.4	74.4	71.8	54.8	51.4	40.0	28.4	47.6	101	—28	June 6†	Sept. 17
Culbertson	8.8	8.4	.....	[1]47.9	63.0	60.5	72.6	69.6	53.0	48.2	28.1	16.7	.....	104	—29	June 9	Sept. 6
Dell	20.8	17.0	29.6	40.6	53.6	52.0	67.6	64.4	47.2	45.3	.....	.....	.....	100	.....	July 5	Sept. 5†
Dillon	25.6	23.0	35.0	43.7	60.5	58.0	71.5	69.0	50.6	49.0	37.0	26.8	45.8	93	—15	June 14	Sept. 11
Ekalaka	20.0	15.1	32.0	46.0	.....	.....	.....	.....	55.4	.....	.....	.....	.....	.....	.....	.....	.....
Fort Benton	23.0	16.9	37.2	44.0	59.4	54.6	71.0	68.3	50.0	51.1	36.6	.....	.....	96	.....	June 6	Sept. 18†
Fort Logan	18.4	17.1	32.4	40.2	.....	50.4	65.4	61.4	47.3	46.4	34.6	21.6	.....	94	—30	July 1	Sept. 10†
Glasgow	13.0	11.5	33.4	48.6	63.3	56.0	71.9	.....	53.6	47.5	31.6	22.2	.....	.....	—30	June 6†	Sept. 17†
Glendive	16.7	15.6	33.6	48.5	66.4	63.0	75.4	71.8	52.7	50.4	34.0	19.6	45.7	110	—31	May 11†	Sept. 16†
Glenwood	22.2	20.8	31.8	39.4	53.2	50.4	66.6	64.4	49.7	49.2	37.4	21.2	42.2	96	—19	July 1†	Sept. 6†
Great falls	24.4	21.8	37.7	44.3	58.5	55.8	70.8	69.8	51.8	52.0	43.2	31.9	46.8	95	—22	Apr. 28†	Sept. 17
*Havre	17.5	14.5	35.2	44.2	58.8	56.0	70.9	69.2	50.5	50.5	34.4	28.2	44.2	97	—25	June 6	Sept. 19
*Helena	23.4	21.8	35.4	43.0	56.1	54.0	70.8	68.8	49.6	50.8	39.5	26.9	45.2	97	—12	May 10	Sept. 12
*Kalispell	20.8	23.1	35.4	42.4	54.6	51.4	64.4	65.7	49.1	47.8	36.7	28.0	43.3	91	— 5	June 8	Nov. 2
Kipp	19.5	19.2	32.8	36.8	52.0	48.2	59.8	65.6	43.9	46.6	34.6	23.8	40.2	94	—26	July 15	Sept. 6†
Lewistown	21.3	19.0	33.8	43.0	55.1	53.6	68.1	65.8	49.4	49.6	38.6	°26.1	43.6	97	—21	June 5†	Sept. 16†
Livingston	.....	26.4	[1]39.6	44.1	58.1	56.0	73.3	69.8	53.8	52.6	44.4	30.5	.....	106	.....	June 11†	Sept. 10†
Manhattan	[1]30.1	22.7	34.8	41.9	57.0	56.0	°69.6	66.0	51.1	47.1	36.8	24.0	44.8	102	—23	July 1†	Sept. 10†
Martinsdale	24.3	20.1	32.8	40.6	56.0	51.8	68.4	64.4	47.8	49.3	38.8	23.6	43.2	102	—18	July 1†	Sept. 16†
Marysville	21.4	18.8	30.6	37.6	51.8	48.0	67.5	65.4	45.2	48.2	35.6	24.6	41.2	94	—17	June 11†	Sept. 5†
*Miles City	21.6	17.1	35.6	48.6	67.6	62.5	78.4	73.2	56.2	52.2	37.3	24.2	47.9	111	—24	May 11†	Sept. 17†
Missoula	°22.0	[2]24.8	38.3	45.2	59.1	58.3	.....	.....	[1]51.3	50.2	37.8	22.5	.....	.....	— 6	.....	Aug. 1†
Ovando	16.1	16.0	26.5	38.7	52.0	48.0	61.4	60.2	45.8	44.4	31.2	20.6	38.4	96	—18	July 28†	Aug. 8
Parrot	[1]18.2	[2]26.4	34.8	42.1	56.2	55.4	71.0	68.4	51.2	50.4	39.1	28.1	45.1	103	—13	Apr. 28†	Sept. 17†
Plains	24.8	27.4	37.9	43.5	55.6	52.3	65.6	68.0	50.2	50.4	39.8	30.0	45.5	95	— 1	June 10†	Sept. 16†
Poplar	10.0	10.0	32.2	47.0	64.8	61.3	75.2	70.6	51.9	48.4	28.4	19.2	43.2	106	—29	May 12†	Sept. 17
Ridgelawn	13.1	11.8	32.6	44.2	64.6	60.6	73.0	68.4	52.6	49.2	30.0	18.2	43.2	104	—29	May 12†	Sept. 17
St. Pauls	21.0	18.6	35.4	43.2	58.8	53.6	69.5	67.6	49.2	51.2	39.0	25.3	44.4	95	—22	June 6	Sept. 17†
St. Peter	.....	.....	.....	.....	52.2	48.5	62.4	61.4	45.9	49.0	38.8	26.7	.....	.....	.....	July 1	Sept. 5
Toston	.....	.....	.....	43.4	64.8	.....	.....	65.6	49.7	48.2	38.2	22.9	.....	.....	.....	.....	Sept. 16
Troy	24.0	27.8	39.2	48.8	55.6	53.2	60.5	65.4	51.8	49.2	37.7	30.3	44.9	94	— 3	June 25†	Sept. 16†
Twin Bridges	°20.5	21.4	32.1	°39.0	°56.2	53.2	.....	.....	°47.3	45.4	.....	26.2	.....	.....	—11	July 4†	Sept. 9†
Utica	22.6	19.6	.....	42.0	56.2	52.3	69.1	68.0	50.9	51.8	42.8	28.6	.....	102	—20	June 14	Sept. 6†
Wibaux	.....	16.7	31.0	43.3	64.0	°59.2	70.4	.....	.....	.....	.....	.....	.....	.....	.....	June 6†	.....
Yale	.....	22.6	36.0	39.4	54.2	50.0	68.2	65.2	47.2	44.6	34.2	25.8	.....	103	.....	June 8†	Sept. 13†
Nebraska.																	
Agee (*a*)	25.1	21.2	32.0	48.0	61.8	70.3	83.1	75.0	59.3	51.3	35.2	18.8	48.4	109	—28	Apr. 17	Sept. 18
Albion	25.8	20.6	35.9	48.2	59.2	71.0	80.2	73.4	62.3	54.2	38.6	22.8	49.4	102	—27	May 13	Sept. 18
Alliance	29.0	19.6	36.2	46.8	59.2	65.2	78.1	72.9	60.0	53.8	.....	26.9	.....	104	—32	Apr. 16	Sept. 28
Alma	26.8	23.8	39.8	51.0	61.4	75.8	84.4	77.7	67.5	56.6	41.2	27.9	52.8	110	—18	May 26	Sept. 17
Ansley	25.0	20.0	35.5	48.2	57.4	69.4	°80.4	71.0	59.8	52.4	36.8	24.0	48.3	105	—28	May 25	Sept. 16
Arapahoe	28.2	27.0	39.2	53.8	.....	.....	.....	79.8	64.6	.....	43.0	.....	.....	.....	.....	Apr. 17	Sept. 18
Arborville (*a*)	24.9	22.6	33.6	47.5	59.6	73.3	84.3	77.8	62.2	54.1	37.9	23.6	50.1	110	—18	Apr. 18	Sept. 18
*Ashland [1]	27.9	24.0	37.9	52.0	62.0	74.5	85.8	76.8	66.0	56.8	40.6	28.0	52.3	109	—16	Apr. 18	Sept. 18
Ashland (*a*) [2]	.....	.....	35.2	50.8	63.0	78.2	88.3	78.4	.....	56.3	39.8	23.5	.....	.....	.....	.....	.....
Auburn	29.3	23.6	39.3	52.0	61.9	74.9	86.1	75.8	66.3	57.6	41.6	25.6	52.8	109	—19	Apr. 20	Sept. 18
Aurora	26.5	23.3	36.2	48.3	60.3	.....	.....	75.2	64.2	52.4	39.6	24.8	.....	.....	—28	May 13	Sept. 18
Beatrice	28.4	23.4	37.8	51.4	61.2	75.2	85.4	76.6	67.0	57.4	41.1	25.6	52.5	108	—14	Apr. 23	Sept. 18
Beaver	28.2	25.1	40.1	50.0	61.4	75.6	86.4	77.8	65.2	56.2	42.8	29.0	53.2	110	—20	May 26	Oct. 12
Blair	24.8	20.5	35.6	49.6	61.0	71.1	83.2	74.8	62.8	56.0	36.8	21.2	49.8	106	—21	Apr. 19	Sept. 18
Bluehill (*a*)	.....	.....	.....	46.8	60.8	73.4	86.4	78.0	66.3	57.2	41.6	24.7	.....	106	.....	Apr. 17	Sept. 17
Brokenbow	25.5	20.2	33.6	46.9	60.0	70.0	77.7	73.6	61.9	53.3	39.4	24.8	48.9	102	—27	May 26	Sept. 17
Callaway	26.6	21.0	37.6	47.0	58.9	69.7	81.0	73.8	61.6	53.2	40.6	20.9	49.3	104	—28	June 6	Sept. 17
Camp Clarke	26.2	17.4	36.0	47.8	60.0	65.2	78.8	74.4	60.4	52.0	39.9	26.4	48.7	106	—35	June 6	Sept. 17
*Columbus	26.6	21.6	37.1	49.4	61.4	72.5	82.0	74.2	63.2	54.6	38.0	22.8	50.3	103	—18	Apr. 18	Sept. 18
Crete	27.7	23.1	37.1	°52.4	61.6	74.7	84.6	76.4	66.6	57.4	40.7	25.4	52.3	105	—14	Apr. 17	Sept. 17
Curtis	°25.0	22.7	[3]38.0	°49.0	°61.6	°70.8	81.6	[3]75.6	[3]63.3	°55.2	[3]40.3	[3]24.0	50.6	105	—25	May 8	Sept. 18
David City	26.2	21.2	35.8	51.0	60.8	73.2	83.8	74.8	63.0	55.0	37.8	20.6	50.3	106	—17	Apr. 18	Sept. 17
Dawson	31.0	24.8	40.0	53.0	63.2	76.5	87.6	78.4	68.2	60.2	43.9	27.7	54.5	111	—17	Apr. 18	Sept. 18
Edgar (*c*)	.....	.....	38.9	52.2	.....	.....	.....	80.2	66.6	57.0	42.4	25.8	.....	.....	.....	Apr. 18	Sept. 17
*Fairbury	28.2	23.4	37.6	52.0	61.2	75.5	85.4	77.0	64.8	56.4	41.0	25.4	52.3	110	—15	Apr. 19	Sept. 17
Fairfield	29.7	25.5	.....	51.2	60.8	75.4	85.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Fairmont	25.2	22.0	34.9	48.8	59.6	74.0	83.2	74.6	63.1	55.5	38.4	23.2	51.9	104	—15	Apr. 19	Sept. 17
Fort Robinson	28.1	20.6	33.6	47.2	58.4	61.7	76.5	72.4	58.0	51.2	39.8	26.4	47.8	102	—28	May 11	Sept. 17
Franklin	24.2	21.6	37.2	46.9	61.8	°73.6	.....	76.8	65.6	55.6	41.5	.....	.....	.....	.....	May 27	Sept. 17
Fremont	26.7	22.0	36.8	50.4	60.7	72.8	82.0	74.4	63.2	54.8	38.1	22.0	50.3	105	—20	Apr. 20	Sept. 18
Geneva	25.9	22.3	36.5	50.4	60.6	76.6	84.1	76.0	64.8	56.7	39.2	23.5	51.3	108	—15	May 25	Sept. 17
Genoa	27.2	20.9	36.5	49.6	61.2	72.4	84.0	76.5	63.8	55.0	38.5	22.2	50.6	106	—28	May 26	Sept. 17
Gering	27.2	17.8	35.4	46.8	59.2	64.7	78.7	73.7	59.4	50.8	.....	.....	.....	105	.....	June 6	Sept. 17

[1] Corn and wheat region observer.

[2] Agent B. and M. R. Railroad.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Nebraska—Continued.																	
Gothenburg	25.2	20.1	[e]29.0	.....	.....	.....	79.7	73.0	62.2	53.0	40.2	25.6	.....	.....	−27	.....	Sept. 17
Grand Island (a)[1]	27.8	22.6	.....	.....	61.1	73.6	85.6	75.4	62.3	.....	.....	.....	.....	102	.....	Apr. 17	Sept. 17
Grand Island[2]	27.4	22.0	36.4	50.2	62.0	74.7	86.5	77.8	65.2	56.4	40.4	25.1	52.0	108	−17	.....	.....
Grand Island[3]	.....	.....	.....	.....	63.1	75.4	86.2	77.4	63.5	55.1	40.2	24.4	.....	111	.....	.....	.....
*Hartington	22.4	17.6	33.4	48.6	59.6	69.8	82.1	73.6	60.8	53.8	34.9	18.8	48.0	106	−24	May 25	Sept. 18
Harvard	26.2	22.6	36.3	49.0	60.0	74.4	84.0	75.9	64.4	55.4	39.4	25.0	51.0	106	−17	Apr. 21	Sept. 17
Hastings (a)	27.5	23.4	36.4	50.8	62.6	74.8	86.8	78.4	64.4	55.7	40.6	26.0	52.2	105	−13	Apr. 17	Sept. 17
Hay Springs	[d]27.2	[h]20.8	34.0	46.7	55.0	60.6	76.2	[e]72.2	57.7	50.7	39.0	23.7	47.0	102	−38	Apr. 17	Sept. 17
Hebron	27.9	24.2	38.2	51.4	61.0	75.3	84.6	77.3	66.0	57.4	41.6	26.4	52.6	108	−14	May 26	Sept. 17
Holdrege	28.6	27.2	38.8	49.2	62.5	75.7	.....	.....	63.4	57.4	41.5	.....	.....	.....	.....	Apr. 20	Sept. 17
Hooper (a)	26.9	21.7	35.0	50.6	61.5	73.5	82.8	73.5	62.2	53.1	36.3	21.3	49.8	104	−20	Apr. 16	Sept. 18
Imperial	27.4	23.5	36.5	46.0	59.6	70.4	80.6	75.0	62.4	53.0	41.5	28.0	50.3	106	−30	May 26	Oct. 13
Kearney	.....	.....	.....	.....	.....	72.5	84.8	75.8	63.6	55.1	.....	26.6	.....	106	.....	.....	Sept. 17
Kennedy	27.8	20.4	35.2	48.8	61.6	67.0	82.0	77.0	63.0	.....	.....	.....	.....	108	.....	May 22	Sept. 18
Kimball	29.4	21.2	33.2	45.2	57.6	64.7	76.4	71.8	58.6	49.6	40.6	26.7	47.9	103	−24	May 6	Sept. 17
Kirkwood (a)	24.4	18.6	31.8	46.9	60.9	[e]67.2	80.0	73.0	58.6	49.6	[e]34.9	[d]21.0	47.2	104	−26	Apr. 17	Sept. 17
Laclede	26.3	20.7	34.8	49.4	60.6	73.0	84.0	75.7	63.6	55.8	39.4	24.1	50.6	107	−18	Apr. 18	Sept. 18
Lexington	25.7	21.4	36.0	48.0	58.9	71.2	80.7	73.7	61.4	54.2	39.6	26.2	49.8	103	−26	May 7	Sept. 17
*Lincoln	28.8	23.6	37.6	51.2	61.4	75.1	85.4	76.4	65.2	57.2	40.8	25.2	52.3	106	−13	Apr. 18	Sept. 18
Lodgepole	27.4	19.8	34.7	46.2	58.3	64.7	76.2	72.0	60.1	51.2	40.6	27.0	48.2	99	−30	June 6	Sept. 17
Lynch	25.2	19.8	34.9	51.2	60.8	69.2	79.3	73.9	61.3	54.2	35.8	20.0	48.8	104	−33	May 25	Sept. 17
McCook (a)	26.9	22.8	34.7	47.9	61.4	73.9	[e]86.2	78.0	.....	57.2	42.0	28.8	.....	104	−16	May 26	.....
Madison	26.4	21.6	35.6	49.2	59.6	69.5	[e]82.6	74.6	62.3	53.0	38.4	21.6	49.5	102	−23	Apr. 18	Sept. 18
Minden	26.0	21.8	35.8	48.2	59.6	72.2	83.3	75.7	64.0	56.0	40.1	25.8	50.7	104	−18	May 26	Sept. 18
Nebraska City[1]	.....	.....	.....	52.8	64.3	.....	87.5	.....	66.4	58.1	41.0	.....	.....	.....	.....	Apr. 18	Sept. 19
Nebraska City[4]	28.2	23.2	38.5	52.0	62.4	.....	[e]85.6	[d]76.3	[d]65.2	.....	.....	.....	.....	.....	.....	.....	.....
Nemaha (a)	31.5	26.9	41.0	54.8	.....	.....	89.3	80.4	68.0	49.4	43.0	28.6	.....	.....	−10	Apr. 6	.....
Nesbit	25.4	19.7	34.1	46.0	58.6	68.1	78.0	73.0	59.4	51.1	39.4	25.2	48.2	104	−31	June 6	Sept. 17
Norfolk	24.6	19.2	35.1	48.9	61.0	70.4	82.8	74.2	61.2	53.0	36.3	20.1	48.9	108	−29	May 11	Sept. 17
North Loup	26.6	21.0	34.8	49.1	61.1	71.4	82.4	75.6	63.5	54.2	39.2	23.8	50.2	104	−26	May 25	Sept. 17
*North Platte	27.4	21.6	36.4	48.6	61.0	70.2	81.0	74.4	62.2	54.3	41.3	27.2	50.5	102	−30	Apr. 18	Sept. 18
*Oakdale	25.3	19.6	34.0	48.9	60.3	70.8	81.6	74.6	61.6	52.6	36.4	19.2	48.7	105	−29	Apr. 18	Sept. 17
*Omaha	27.8	22.8	36.9	52.0	62.6	74.7	85.1	76.7	65.4	57.8	40.2	23.6	52.1	105	−16	Apr. 18	Sept. 18
*O'Neill	.....	24.1	36.2	49.4	60.8	70.2	81.4	73.8	61.3	53.9	38.0	20.2	.....	105	.....	May 24	Sept. 17
Palmyra (a)	26.9	22.4	35.2	50.0	61.2	74.6	84.2	75.2	64.7	55.5	38.3	24.0	51.0	110	−14	Apr. 18	Sept. 18
Plattsmouth	.....	.....	.....	52.0	.....	72.6	83.0	75.6	.....	.....	.....	23.7	.....	.....	.....	Apr. 2	.....
Ravenna	26.3	20.4	37.0	49.2	59.9	72.2	83.0	75.8	64.0	55.2	39.7	25.0	50.6	105	−20	May 26	Sept. 17
Redcloud	25.0	23.4	38.4	49.8	59.3	74.6	84.2	77.0	66.0	54.6	39.6	26.6	51.5	106	−14	May 26	Sept. 17
Republican (a)	24.1	20.0	.....	48.7	61.8	.....	88.5	78.5	63.2	55.2	.....	26.3	.....	.....	.....	Apr. 17	.....
St. Paul	25.4	21.2	35.9	49.8	61.1	72.6	82.6	75.7	64.4	56.2	40.8	26.4	51.0	106	−18	May 26	Sept. 17
Salem (a)	30.7	25.2	39.5	53.4	63.8	78.8	87.8	77.1	67.9	56.9	40.3	26.2	54.0	105	−20	Apr. 2	.....
Santee	27.0	21.0	36.5	52.2	61.6	70.6	[e]83.4	[e]75.2	63.6	56.0	38.5	22.0	50.6	106	−24	May 26	Sept. 17
Seneca (a)	24.8	19.0	30.8	45.4	61.3	69.4	73.6	74.4	55.1	48.5	37.8	25.5	47 1	102	−30	.....	.....
Seward	.....	23.8	39.7	49.6	61.4	74.7	84.8	75.4	63.0	.....	.....	23.6	.....	106	.....	May 26	Sept. 17
Springview	26.8	20.0	34.4	48.8	60.9	[e]69.0	80.6	72.8	58.9	51.8	40.0	21.6	48.8	107	−30	May 12	Sept. 17
Stanton	22.0	18.4	31.8	49.8	59.9	70.4	.....	73.6	62.4	54.1	37.6	20.9	.....	.....	−26	Apr. 18	Sept. 18
State Farm	28.4	23.6	37.8	51.8	62.0	75.9	85.0	76.8	66.4	57.0	40.6	25.5	52.6	109	−14	May 26	Sept. 17
Superior (c)	30.8	26.8	37.0	51.6	61.4	76.7	86.0	77.6	64.8	55.2	.....	.....	.....	107	.....	Apr. 17	Sept. 18
*Tecumseh	28.4	21.6	37.8	52.2	62.2	75.6	85.2	76.3	65.9	56.8	39.6	24.3	52.2	110	−18	Apr. 18	Sept. 17
*Tekamah	25.7	22.0	37.2	50.3	61.6	73.0	82.6	76.2	64.0	55.8	37.7	21.6	50.6	106	−22	Apr. 20	Sept. 18
Turlington	27.6	23.0	37.0	50.5	61.0	73.8	85.0	76.2	66.0	57.2	40.3	24.4	51.8	107	−16	Apr. 18	Sept. 18
*Valentine	26.8	18.2	33.5	48.2	60.6	66.2	79.4	73.0	59.6	52.4	39.4	21.7	48.2	104	−34	Apr. 14	Sept. 17
Wakefield	24.6	20.2	34.8	49.6	59.2	70.2	81.4	73.0	61.0	53.3	35.9	19.8	48.6	107	−24	Apr. 23	Sept. 17
Westpoint	26.8	22.1	37.4	51.7	60.4	73.2	84.7	76.9	64.6	56.5	37.8	23.5	51.3	109	−24	Apr. 18	Sept. 18
Wilber (a)	27.3	23.8	37.8	52.1	[e]61.6	76.6	88.2	76.8	66.3	55.8	40.8	26.0	52.3	108	−12	.....	Sept. 20
Wilsonville	25.2	22.4	38.8	49.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 17	.....
York	.....	.....	.....	.....	.....	75.1	85.4	76.3	64.7	57.8	.....	.....	.....	.....	.....	.....	Sept. 18
Nevada.																	
Amos	.....	.....	40.4	45.0	56.2	59.6	69.8	67.6	51.8	.....	39.0	31.1	.....	100	.....	May 22	Sept. 30
Austin	28.8	30.4	35.4	41.9	55.3	58.5	[e]72.2	68.6	56.5	49.2	43.6	31.5	47.7	92	− 2	.....	.....
Battle Mountain	37.1	31.7	37.6	46.1	57.4	64.3	.....	70.2	59.9	56.3	44.8	.....	.....	.....	.....	.....	.....
Belmont	24.0	27.8	33.8	40.0	52.2	59.6	70.4	64.8	55.6	47.6	39.8	30.4	45.5	93	− 3	May 20	Sept. 21
Beowawe (a)	34.4	34.8	43.9	51.6	63.7	69.2	81.5	77.3	65.4	56.2	43.2	32.6	54.2	104	−10	May 18	Sept. 27
Candelaria	33.2	[f]36.1	42.6	48.8	[e]56.6	[e]64.7	78.1	[f]72.1	[f]67.0	58.0	49.9	41.5	54.0	101	1	May 21	Oct. 29
Carlin	26.6	27.2	40.0	43.2	62.5	59.9	71.8	77.2	64.5	47.8	45.0	30.4	49.7	102	−12	June 9	Sept. 25
*Carson City	35.2	34.8	41.4	43.8	53.4	60.0	69.4	68.4	58.4	52.8	44.1	36.6	49.9	97	− 8	June 9	Sept. 25
Carson City[5]	35.1	34.2	41.6	44.2	53.8	59.6	68.3	67.6	57.4	52.5	44.0	36.6	49.6	97	−10	May 20	Sept. 7
Elko (a)	23.9	.....	.....	.....	.....	.....	.....	.....	54.4	.....	35.7	27.5	.....	.....	.....	May 31	Sept. 1
Elko (near)	26.4	30.0	41.6	44.8	54.4	58.5	67.1	62.1	49.2	49.2	41.1	32.1	46.2	98	−27	.....	.....
Ely	24.9	30.2	34.0	41.4	53.7	59.6	71.0	65.8	54.8	47.2	38.9	30.2	46.0	97	−14	May 27	Sept. 23
Fenelon (a)	24.4	25.2	.....	40.8	54.8	.....	74.0	70.9	55.9	48.9	37.4	30.4	.....	.....	−10	.....	.....
Golconda (a)	37.3	33.7	42.3	44.1	56.9	63.9	82.8	71.6	63.6	60.5	50.0	38.9	53.8	100	0	May 22	Sept. 27
Halleck (a)	24.7	28.9	35.5	43.4	57.9	60.4	72.6	69.0	55.2	46.7	36.3	31.3	46.8	100	−15	.....	.....
Hamilton	25.4	28.6	30.8	36.2	53.0	[e]57.9	[f]66.4	66.8	46.4	44.0	37.8	24.8	43.2	96	−19	May 31	Sept. 2
Hawthorne	35.6	37.2	43.8	49.0	59.2	66.6	77.8	74.4	64.3	56.2	47.4	36.6	54.0	101	6	Apr. 17	Oct. 27
Hot Springs (a)	31.9	38.2	43.7	49.3	61.7	73.6	87.2	84.4	72.2	.....	49.2	37.2	.....	118	2	.....	.....
Humboldt (a)	33.8	36.0	42.7	48.0	62.8	65.1	76.8	76.0	65.1	54.9	47.2	33.5	53.5	95	1	.....	.....
Lewers Ranch	33.5	34.9	41.6	44.6	54.2	60.2	69.6	68.8	58.4	53.4	45.4	38.4	50.2	100	− 4	Apr. 26	Sept. 24
Lovelocks (a)[6]	.....	38.0	44.8	51.0	61.0	68.6	.....	75.1	59.2	53.9	44.3	37.4	.....	.....	.....	May 19	Sept. 23
Lovelocks[7]	.....	.....	.....	.....	.....	63.1	70.4	72.0	62.8	54.8	44.2	33.2	.....	100	.....	.....	.....
Martins	35.0	.....	.....	[e]46.8	55.6	63.1	69.6	69.2	59.4	53.0	45.8	37.4	.....	102	.....	May 28	Sept. 8
Mill City (a)	35.2	33.4	.....	.....	.....	66.7	.....	77.4	59.6	56.2	40.0	35.7	.....	.....	.....	.....	.....
Monitor Mill	24.2	29.2	32.1	38.0	49.9	56.5	70.1	.....	.....	45.8	.....	.....	.....	.....	.....	May 30	Sept. 23
Owyhee	27.4	29.4	35.4	39.9	[f]52.4	54.2	68.4	67.3	53.0	49.4	41.4	30.4	45.7	99	−10	May 31	Sept. 3
Palisade (a)	28.6	29.0	37.5	50.2	60.0	70.2	78.8	76.3	56.2	45.1	35.4	29.2	49.7	104	−20	.....	.....

[1] Agent B. and M. R. Railroad.
[2] E. Corbin.
[3] American Beet Sugar Company.
[4] E. Morton.
[5] Prof. C. W. Friend.
[6] Southern Pacific Railroad Company.
[7] Hon. W. C. Pitt.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Nevada—Continued.																	
Palmetto	30.0	32.0	38.4	43.6	50.7	58.7	68.3	64.1	56.7	50.2	42.2	35.1	47.5	98	−10	May 29	Sept. 24
Potts	17.4	25.8	34.4	42.3	55.9	53.0	69.4	70.4	56.0	46.6	.....	.....	.....	100	.....	May 27	Sept. 22
Reno, State University	30.8	30.3	39.2	45.2	54.4	60.7	70.4	69.2	58.0	53.2	43.8	35.2	49.2	97	− 6	May 22	Sept. 24
Silver Peak	.....	.....	.....	.....	59.6	.....	.....	.....	.....	[1]54.6	44.9	32.5	.....	.....	.....	.....	.....
Sodaville	.....	[1]33.6	43.8	49.7	59.9	67.0	.....	.....	64.6	62.9	51.6	39.0	.....	.....	.....	.....	.....
Tecoma (a)	30.0	28.4	.....	47.2	53.0	58.3	75.2	74.6	65.3	61.2	44.5	37.8	.....	110	.....	.....	.....
Toano (a)	26.7	30.9	36.2	42.0	61.2	63.8	84.5	78.2	63.2	53.0	40.0	29.3	50.8	112	−10	.....	.....
Tybo	27.2	31.0	37.6	44.7	56.2	63.3	75.2	68.8	59.4	50.7	40.7	33.8	49.0	102	− 3	May 24	Sept. 23
Verdi (a)	29.4	37.2	40.0	48.7	47.5	54.3	62.0	61.8	53.4	59.9	51.0	32.2	48.1	95	− 8	May 28	Sept. 25
Wadsworth	35.2	32.5	47.8	50.6	60.0	72.2	85.5	81.0	70.1	60.6	43.1	30.6	55.8	106	− 2	.....	.....
Wells	23.2	28.0	37.2	42.4	54.8	59.3	79.1	69.8	56.6	47.4	39.5	29.6	47.2	99	− 8	Apr. 18	Oct. 19
*Winnemucca	32.1	31.8	38.7	43.0	55.2	59.4	71.6	70.5	55.2	51.9	41.6	32.6	48.6	99	− 5	June 11	Sept. 27
Woods	24.6	28.0	33.4	42.0	54.8	57.8	68.7	66.4	.....	46.4	39.1	27.3	.....	94	−19	May 31	Sept. 3
New Hampshire.																	
Alstead	18.0	13.7	28.2	44.2	55.1	66.0	71.2	68.0	60.0	47.8	30.6	24.5	43.9	96	−19	May 6	Sept. 20
Berlin Mills	13.6	11.4	24.6	42.3	53.8	63.7	67.9	66.3	58.5	46.9	27.6	20.9	41.5	97	−30	June 18	Sept. 20
Bethlehem	15.6	11.3	27.8	45.4	58.0	64.5	68.2	66.6	57.4	45.8	27.8	22.4	42.6	92	−22	Apr. 18	Sept. 20
Brookline (a)	22.6	17.0	33.2	45.3	56.4	69.5	74.5	71.0	61.8	50.5	31.1	26.5	46.6	100	−20	.....	.....
Chatham	.....	.....	.....	52.2	64.2	68.8	67.2	59.4	47.4	30.2	22.8	.....	.....	97	.....	May 26	Sept. 20
Claremont	20.0	15.9	31.4	46.6	56.8	69.5	72.4	.....	.....	.....	.....	.....	.....	.....	.....	May 6	.....
Concord	19.8	16.8	31.4	45.4	55.2	66.9	71.9	68.9	60.6	48.2	30.9	24.4	45.0	100	−23	May 6	Sept. 20
Durham	21.7	19.2	31.6	42.8	52.2	66.6	71.8	68.4	62.6	52.2	34.7	28.0	46.0	97	−11	May 2	Oct. 19
Franklin Falls	.....	17.4	.....	.....	.....	.....	71.8	68.7	60.4	48.0	31.0	24.8	.....	.....	.....	.....	.....
Grafton	17.4	12.0	27.0	43.6	53.2	64.4	69.2	66.6	57.8	45.7	27.8	22.8	42.3	99	−23	May 26	Sept. 9
Hanover	17.2	14.6	28.2	46.2	55.4	65.8	70.8	67.7	60.0	48.5	29.8	23.2	44.0	98	−24	May 6	Sept. 26
Keene	20.9	16.4	31.6	45.6	55.8	66.3	71.6	68.8	59.8	48.6	31.4	24.5	45.1	98	−22	May 7	Sept. 20
Littleton	14.4	11.0	27.1	45.0	52.5	63.8	68.4	65.9	57.5	46.1	26.3	20.0	41.5	94	−21	.....	.....
Nashua	22.5	20.0	33.8	45.0	55.4	68.3	73.9	70.9	63.5	50.7	32.8	25.4	46.8	100	−12	May 6	Sept. 21
Newton	22.1	20.0	33.6	42.5	52.6	65.2	70.6	67.8	61.6	50.0	32.6	26.6	45.4	95	−11	.....	.....
Peterboro	19.7	16.6	30.4	43.0	53.4	65.8	71.5	68.0	59.8	48.9	31.0	24.2	44.4	98	−23	May 26	Sept. 20
Plymouth	18.0	14.1	27.8	45.5	54.8	67.4	71.1	68.6	59.2	46.0	29.0	22.1	43.6	100	−18	May 16	Sept. 20
Sanbornton	18.4	15.0	28.6	44.6	53.6	64.7	69.8	67.8	59.7	47.6	30.6	24.2	43.7	99	−22	May 6	Sept. 20
Stratford	14.8	11.5	25.8	45.9	53.8	64.4	68.7	66.6	57.8	46.9	28.4	21.7	42.2	97	−29	June 17	Sept. 20
New Jersey.																	
Asbury Park	32.8	26.0	38.9	45.9	55.8	67.0	75.7	73.9	68.4	56.2	40.0	34.4	51.3	95	2	Mar. 31	Oct. 25
*Atlantic City	33.6	27.8	40.2	45.6	55.3	66.4	75.4	73.6	68.2	55.9	40.6	34.8	51.4	96	7	Mar. 30	Nov. 7
Bayonne	31.4	25.9	38.8	48.8	58.4	70.2	78.0	75.0	68.6	56.1	39.2	32.7	51.9	104	3	Mar. 31	Oct. 26
Belvidere	29.4	24.4	37.8	49.4	60.0	70.8	78.2	73.4	66.5	53.3	36.6	29.8	50.8	102	0	Apr. 13	Oct. 7
Bergen Point	30.9	25.2	38.9	48.4	57.5	69.8	77.0	73.6	66.9	54.4	38.8	32.2	51.1	103	3	Mar. 31	Oct. 26
Beverly	31.6	27.2	41.6	50.6	60.6	71.2	78.8	75.4	68.4	55.8	40.0	33.1	52.8	106	1	Mar. 31	Oct. 26
Billingsport	31.5	26.7	40.5	48.9	60.1	72.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blairstown	.....	.....	35.8	48.1	59.0	70.2	76.8	72.0	65.2	52.0	35.4	28.4	.....	104	.....	Apr. 28	Oct. 5
Bridgeton	33.6	28.7	43.8	50.3	61.7	73.0	78.3	77.8	69.4	56.4	41.4	34.9	54.1	104	5	Mar. 30	Oct. 26
Camden	31.6	26.4	41.7	50.0	59.8	.....	.....	75.4	68.3	55.5	40.0	33.9	.....	.....	6	Mar. 31	Nov. 7
*Cape May	33.9	28.7	40.6	46.2	56.0	67.0	75.6	73.0	68.6	57.5	42.2	35.3	52.0	94	7	Mar. 17	Nov. 11
Cape May C. H.	34.0	28.3	42.0	47.8	58.0	69.6	79.2	75.8	68.7	56.6	41.2	35.2	53.0	102	4	Apr. 29	Oct. 26
Charlotteburg	27.6	22.2	35.4	44.4	56.0	66.1	73.6	67.6	62.2	51.0	34.5	29.9	47.5	98	− 3	May 6	Sept. 26
Chester	27.8	20.7	34.6	46.3	55.4	68.0	75.0	70.8	64.1	52.0	34.8	.....	.....	100	.....	Apr. 3	Oct. 26
Clayton	31.5	25.7	42.0	49.2	59.8	71.0	78.8	75.4	67.8	55.0	39.6	33.6	52.4	104	3	Apr. 12	Oct. 4
College Farm	30.8	24.8	39.2	48.3	59.2	70.9	77.4	74.6	67.6	54.6	38.6	32.6	51.6	105	1	.....	.....
Dover	27.7	21.8	34.7	46.0	56.8	69.3	76.0	71.5	63.2	51.9	35.2	29.6	48.6	102	− 3	May 6	Oct. 4
Egg Harbor City	31.2	26.2	41.4	47.6	58.6	70.0	77.8	73.6	66.8	54.2	39.4	33.4	51.7	104	− 5	Apr. 29	Oct. 26
Elizabeth	31.3	25.8	39.0	49.6	58.6	71.8	77.8	74.0	67.0	54.0	38.2	32.4	51.6	105	2	Mar. 31	Oct. 26
Englewood	.....	.....	.....	.....	.....	69.1	77.2	73.4	.....	55.4	.....	32.6	.....	.....	.....	.....	.....
Flemington	31.4	25.6	39.6	49.4	59.8	72.2	78.6	74.3	67.4	54.4	37.9	31.4	51.8	105	3	Apr. 2	Oct. 19
Freehold	29.6	24.1	39.6	47.6	58.2	69.5	[2]75.4	72.6	65.8	53.2	37.8	32.8	50.5	102	1	Apr. 2	Oct. 25
Friesburg	32.6	26.7	42.4	49.2	59.7	70.4	79.0	75.5	67.8	55.4	40.0	33.4	52.7	105	6	Apr. 12	Oct. 25
Hanover	.....	22.5	37.6	48.8	58.3	69.2	75.6	71.7	64.0	51.6	35.7	30.8	.....	102	.....	Apr. 13	Oct. 7
Hightstown	31.2	25.0	40.5	49.5	59.0	70.0	77.0	73.6	67.2	54.6	39.2	33.2	51.7	102	3	Mar. 31	Oct. 25
Imlaystown	31.6	25.8	42.0	50.6	61.7	71.8	78.4	74.7	68.6	56.4	39.8	34.6	53.0	101	2	Mar. 31	Oct. 26
Indian Mills	.....	.....	.....	.....	60.2	71.8	80.3	76.6	68.6	55.6	39.5	34.2	.....	107	.....	.....	Oct. 5
Lakewood	.....	.....	.....	.....	.....	69.3	76.5	73.4	66.4	54.7	39.4	33.9	.....	99	.....	.....	Oct. 25
Lambertville	31.4	26.2	40.0	50.1	60.2	71.2	78.3	74.2	68.3	54.4	38.3	32.1	52.1	103	4	Apr. 2	Oct. 25
Layton	26.5	20.2	34.0	46.4	57.2	67.8	75.4	70.8	63.4	49.1	33.8	26.8	47.6	101	− 8	May 6	Sept. 26
Moorestown	32.0	26.1	41.6	49.2	59.5	70.4	77.9	74.8	67.8	55.8	39.8	33.2	52.3	102	4	Mar. 31	Oct. 26
Newark	29.2	23.8	37.2	48.0	57.2	70.2	76.7	72.6	66.2	54.3	37.7	31.8	50.4	102	0	Apr. 2	Oct. 26
New Brunswick	32.2	26.4	40.2	50.2	60.1	72.4	78.6	75.3	68.2	55.4	39.4	33.0	52.6	106	2	Mar. 30	Oct. 26
Newton	27.8	21.6	35.2	47.6	58.6	70.2	77.0	72.2	64.8	52.4	34.9	28.4	49.2	100	− 4	Apr. 13	Oct. 25
Ocean City	33.2	26.6	39.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oceanic	30.6	26.0	39.1	.....	[2]57.3	68.6	75.4	73.5	66.6	55.0	39.8	33.8	.....	99	2	Mar. 31	Oct. 26
Paterson	32.0	27.6	39.4	50.5	59.9	72.3	77.4	73.0	67.0	56.2	40.0	33.6	52.4	102	4	Mar. 31	Oct. 21
Perth Amboy	31.7	25.6	39.1	48.6	59.2	71.4	77.8	74.2	67.3	55.1	39.3	31.6	51.7	106	3	Apr. 1	Nov. 5
Plainfield	30.2	24.2	37.8	48.0	57.8	69.7	77.4	73.3	66.6	52.7	36.8	32.0	50.5	104	1	Apr. 13	Oct. 7
Rivervale	29.9	24.7	37.2	48.8	57.2	69.1	75.8	72.0	64.6	52.2	36.5	31.0	49.9	103	− 6	May 6	Oct. 5
Roseland	28.4	22.8	36.3	46.8	56.6	68.3	75.2	71.2	64.0	52.4	35.7	30.2	49.0	102	− 4	Apr. 13	Oct. 5
Salem	33.6	28.6	42.8	50.1	61.0	72.1	80.0	76.8	69.0	56.6	41.6	34.8	53.9	107	8	Apr. 2	Oct. 26
Somerville	31.4	25.7	39.4	49.7	59.4	71.4	78.6	74.3	66.9	53.6	38.1	32.2	51.7	107	4	May 6	Oct. 4
South Orange	29.8	24.2	36.9	48.0	57.6	70.0	76.8	72.4	65.5	53.1	37.7	31.6	50.3	101	0	Mar. 31	Nov. 7
Sussex[1]	28.8	22.8	36.2	48.0	58.7	69.8	76.4	71.0	64.0	52.2	35.5	29.2	49.4	100	− 2	May 6	Oct. 7
Toms River	30.6	25.2	39.2	45.8	56.5	68.2	76.6	73.7	.....	52.6	38.4	31.9	.....	100	−12	May 6	Oct. 4
Trenton	34.6	27.4	40.9	49.9	59.4	70.5	78.6	75.2	68.4	56.9	42.0	35.6	53.3	100	5	Mar. 30	Oct. 26
Tuckerton	32.4	26.4	39.5	47.0	57.6	68.8	77.2	74.6	67.6	55.2	39.2	33.5	51.6	101	− 5	Apr. 28	Oct. 25
Vineland	33.2	27.0	42.7	49.4	60.0	71.6	79.0	75.4	67.7	55.8	40.2	34.4	53.0	105	4	Apr. 11	Oct. 7
Woodbine	34.0	27.4	42.6	47.2	60.0	[2]68.7	.....	74.8	67.1	54.9	39.8	34.6	.....	.....	1	Apr. 13	Oct. 8

[1] Name of station changed from Deckertown, July 1, 1901.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
New Mexico.																	
Alamogordo							82.6	°80.2	72.8	61.4	50.7	42.9					
Albert	41.0	37.7	45.8	°53.4	62.8	74.0	77.6	°77.0	68.4	59.6	49.8	39.7	57.2	102	1	Apr. 18	Nov. 3
Albuquerque	35.4	41.1	45.6	53.4	°64.5	72.3	77.3	76.0	66.8	57.6	46.8	37.4	56.2	99	4	Apr. 18	Nov. 4
Alma	39.6	41.9	44.4	49.4	59.2	66.0	75.4	74.2	66.6	57.4	48.8	39.1	55.2	100	6	May 3	Nov. 3
Aztec	28.2				59.8	72.8	°80.9	†76.6	64.0	53.4	42.2	26.6		100			Sept. 25
Bernalillo	36.1	41.7	°45.4	°54.0	64.9											Apr. 18	
Bluewater	26.4	32.0	36.8	45.8	57.4	67.6	74.0	71.4	60.9	49.6	39.2	30.6	49.3	102	−20	May 22	Sept. 16
Carlsbad						*81.4	80.2	81.6		66.6	‡56.6	46.8					Nov. 19
East Lasvegas	34.8	34.8	38.6	46.4	57.4	66.2	70.5	68.4	60.2	51.8	43.2	35.6	50.7	87	− 2	Apr. 18	Nov. 4
Engle	39.7	43.0	46.4	52.8	65.2	72.4	°77.4	77.6	70.6	61.0	50.2	40.3	58.0	99	8	Apr. 18	Nov. 16
Espanola	29.2	37.6	40.6	48.6	60.0	68.2	74.6	73.0						100		May 8	
Folsom	31.0	30.4	36.0	45.2	56.0	64.6	70.2	68.2	60.0	50.4	41.8	29.8	48.6	89	−10	May 25	Sept. 25
Fort Bayard	40.7	40.8	44.6	51.0	61.6	69.8	72.8	73.6	68.0	56.8	48.6	40.6	55.7	95	13	Apr. 17	Oct. 13
Fort Stanton	39.6			46.7	‡57.6			°69.5	‡61.1	‡52.9		35.0				May 24	Oct. 13
Fort Union	36.4	35.6	37.6	46.2	55.0	63.1	68.9	68.4	60.0	52.4	43.9	36.2	50.3	92	− 5	May 2	Oct. 7
Fort Wingate	34.4	36.8	39.1	47.0	58.2	65.7	74.5	72.2	65.0	53.8	46.6	34.6	52.3	99	− 5	May 3	Oct. 7
Galisteo	29.0	33.9	40.8	49.2	59.7	67.3	74.4	70.2	62.2	53.0	42.9	33.0	51.3	98	3	Apr. 18	Oct. 4
Gallinas Springs	38.1	36.3	44.0	52.4	62.8	73.6	76.8	75.0	64.8	55.2	46.2	37.4	55.2	100	− 5	Apr. 19	Oct. 13
Hillsboro	36.2	47.4	48.8	55.4												Apr. 18	
Horsesprings	32.4	34.4	40.2	47.7			70.8	69.2	62.4	51.4	42.8	36.1			0	Apr. 29	Oct. 8
Las Vegas			39.4	47.6	57.4	67.0	71.2	69.6	60.8	51.8	42.8	33.8		97		May 3	Sept. 19
Las Vegas Hot Springs	36.2	34.6	40.0	46.2	54.4	63.5	67.6	67.2	60.4	52.2	44.2	35.4	50.2	89	− 5	Apr. 23	Oct. 13
Los Lunas	36.7	40.7	45.7	55.4	66.2	73.0	78.6	75.5	66.8					101		Apr. 17	
Lower Penasco				54.0	64.0	69.8		73.0	67.7			44.3				Apr. 18	
Lyons Ranch	42.8	45.8															
Mesilla Park	43.4	°47.8	50.4	56.8	68.6	75.6	79.7	79.8	73.2	60.8	51.8	42.8	60.9	105	11	Apr. 18	Nov. 4
Olio		38.4	40.2		62.9	68.6	79.7	76.0	60.2					105		May 4	
Raton	33.2	32.8	37.4	44.6	55.4	62.7	70.4	69.6	60.2	52.6	44.2	32.7	49.6	94	− 6	May 8	Oct. 13
Roswell	42.9	40.2	49.8	57.0	67.1	75.8	77.8	79.2	70.2	60.6	50.2	40.4	59.3	101	− 3	Apr. 19	Oct. 14
San Marcial	43.2	49.2	53.0	58.3	71.2	75.0	79.4	80.0	73.1	61.2	50.6	41.3	61.3	110	7	Apr. 18	Nov. 16
*Santa Fe	31.0	34.2	37.9	46.6	55.7	65.7	69.9	68.8	61.2	52.2	42.8	32.8	49.9	89	1	Apr. 17	Nov. 3
Socorro	37.2	42.1	47.8	54.8	66.8	75.8	80.8	81.2	72.0	59.1	48.0	39.4	58.8	102	6	Apr. 18	Nov. 4
Springer	32.0	°34.0	39.2	48.8	58.0	67.0	71.9	71.2	62.3	54.3	41.4	34.0	51.2	97	−16	Apr. 23	Sept. 26
Whiteoaks	37.0	39.1	44.0	50.8	60.9	69.2										Apr. 19	
Winsors	28.7	29.2	32.8								36.6	29.7					
Woodbury	32.5	37.6				70.0	74.8	72.8	65.2	55.2	45.2	34.8		101	− 3	Apr. 18	Oct. 13
New York.																	
Addison	26.5	17.8	33.1	46.0	56.6	68.0	75.0	69.6	62.0	49.6	33.8	26.9	47.1	98	−10	Apr. 17	Oct. 4
Adirondack Lodge		9.3	23.0	40.6	50.1	60.9	66.2	64.0	55.1	44.6	25.6	19.6		88		May 26	Sept. 9
*Albany	24.2	19.2	32.8	49.5	59.0	70.2	75.8	73.0	65.0	52.2	34.5	26.8	48.5	99	− 7	Apr. 13†	Oct. 20
Alden	26.9	15.9	32.6	44.8	55.8	67.0	73.9	69.2	63.3	50.4	35.2	27.4	46.9	94	− 8	Apr. 20	Oct. 20
Alfred	23.6	14.6	30.4	43.8	53.8					48.3	31.9	23.7			− 7	May 4	Oct. 5
Angelica	24.6	14.8	30.8	43.8	54.4	65.0	72.2	67.4	59.4	46.9	31.4	23.8	44.5	95	−17	May 16	Sept. 9
Appleton	25.8	18.6	31.0	44.2	53.6	65.5	73.4	69.4	63.0	51.6	36.6	28.1	46.7	95	− 2	Apr. 20	Oct. 7
Arcade					54.0	64.2	70.9										
Atlanta	23.7	14.3	29.7	43.7	54.0	65.6	72.1	67.9	61.0	48.8	30.7	24.0	44.6	96	−16	Apr. 27	Oct. 5
Auburn	26.0	19.4	32.1	47.4	58.4	70.2	77.0	71.4	64.5	52.2	34.2	27.4	48.4	99	− 7	Apr. 12	Oct. 6
Avon	24.8	16.0	32.0	45.1	56.4	67.6	74.4	69.0	61.4	48.6	33.8	25.4	46.2	95	−11	Apr. 20	Oct. 5
Axton	13.4	6.4	24.1	41.2	52.2	62.6	65.4	63.0	‡53.4	44.0	26.6	20.0	39.4	92	−37	May 26	Sept. 6
Baldwinsville	24.6	17.8		47.5	58.3	69.7	°77.4	71.2	63.3	51.6	34.2	27.6		99	− 8	Apr. 13	Oct. 25
Bedford	30.0	22.2	34.4	46.9	58.0	69.0	75.8	72.4	64.8	52.6	36.0	30.4	49.4	102	− 2	Apr. 13	Oct. 21
*Binghamton	25.2	17.0	32.2	45.9	57.0	67.9	74.2	69.3	61.7	50.4	32.3	26.2	46.6	96	− 8	Apr. 17	Oct. 20
Bolivar	24.1	14.8	30.4	43.0	53.8	64.8	71.5	66.8	59.4	47.0	30.6	23.9	44.2	96	−15	June 10	Sept. 9
Bouckville	20.0	13.8	28.6	44.0	55.0	65.4	72.2	67.7	60.2	48.6	31.4	25.0	44.3	92	−13	Apr. 13	Sept. 20
Brockport	25.8	17.2	31.1	45.4	55.8	66.8	74.2	69.0	62.9	50.6	34.6	26.8	46.7	93	− 4	Apr. 19	Oct. 18
*Buffalo	26.6	17.8	32.6	45.8	54.2	66.0	73.8	71.5	64.2	52.8	36.2	29.1	47.6	91	− 2	Apr. 19	Oct. 7
Caldwell	19.4	16.3	29.5	45.8	55.4	65.8	71.0	68.0	60.4	49.2	32.8	25.1	44.9	95	−17	Apr. 27	Oct. 5
Canaan Four Corners	21.6	15.0	29.4	45.2	54.9	66.2	71.9	68.5	60.2	48.6	°30.2	24.8	44.7	94	−11	May 6	Oct. 5
Canajoharie	20.6	16.8	30.5	45.2	56.5	67.0	72.8	68.2	61.1					94		Apr. 17	Sept. 20
Canton	14.8	11.8	26.0	44.0	55.8	66.7	70.5	67.2	59.2		31.2	21.6		95	−15	Apr. 27	Sept. 20
Carmel	26.3	20.2	34.9	49.0	57.8	71.2	75.6	72.5	64.4	52.2	35.1	29.2	49.0	97	− 7	Mar. 31	Oct. 25
Carvers Falls	18.6	12.2	27.6		56.0	66.6	71.9	68.2	60.7	49.0	31.0	22.4		97	−25	May 6	Sept. 26
Catskill	26.0	21.8	33.2	48.8	58.0	69.5	75.2	72.0	64.0	52.4	36.1	°29.4	48.9	99	− 1		Oct. 21
Cedarhill	24.6	19.8	33.2	49.0	58.6	68.9	74.8	71.7	63.4	51.6	34.6	26.6	48.1	98	−11	Apr. 14	Sept. 26
Cooperstown	21.4	14.2	29.0	43.3	54.6	65.4	71.6	67.4	59.1	47.5	30.4	24.8	44.1	91	−10	Apr. 17	Sept. 20
Cutchogue	30.5	24.8	37.0	46.0	54.8	67.0	73.8	72.4	66.0	54.9	39.5	33.6	50.0	94	3	Mar. 31	Oct. 26
Elba	25.6	16.0	30.4	46.6	55.4	67.1	74.1	69.1	63.0	50.8	34.3	26.9	46.6	94	− 4	Apr. 20	Oct. 7
Elmira	28.0	19.3	35.4	46.6	57.6	70.0	76.7	70.8	63.2	51.8	35.4	27.6	48.5	101	− 1	Apr. 12	Oct. 7
Fayetteville						68.5	75.8	70.8	63.8	51.8	33.6	27.0		96			
Franklinville	28.4	13.4	29.5	43.0	53.7	64.6	71.3	67.2	59.5	46.8	31.0	23.8	43.9	93	−17	June 10	Sept. 20
Gabriels	13.4	8.6	24.0	41.4	52.7	63.0	66.6	64.4	56.5	45.2	25.6	20.2	40.1	92	−26	May 15	Sept. 20
Glens Falls	20.8	17.2	30.4	48.4	57.6	69.2	73.6	70.2	62.4	50.1	32.7	25.5	46.5	98	−12	Apr. 12	Oct. 5
Gloversville	17.6	13.0	27.6	46.0	54.8	66.8	72.8	68.2	60.0	47.2	30.2	22.6	43.9	96	−17	Apr. 27	Sept. 20
Greenwich	21.4	°13.1	°30.0	‡47.3	56.8	°67.5	72.8	♭69.7	62.5	49.6	32.1	25.0	45.6	95	−16	May 4	Sept. 26
Griffin Corners	22.0	15.2	30.0	43.4	53.8	64.1	71.6	66.8	59.6	47.6	29.8	25.2	44.1	94	−17	May 16	Sept. 20
Hemlock	26.3	16.8	30.9	44.8	55.8	67.9	74.6	70.4	63.1	50.4	34.8	27.2	46.9	93	− 4	Apr. 13	Oct. 20
Honeymead Brook	24.1	18.6	33.0	47.2	56.7	67.6			62.1	49.6	33.8	27.2			−10	Apr. 13	Oct. 7
Humphrey	23.0	18.6	28.8	42.9	52.4	63.4	70.4	66.1	58.6	47.2	30.1	23.4	43.3	92	− 8	May 13	Oct. 4
Indian Lake	16.4	11.2	26.4	43.0	52.8	63.5	68.8	‡64.8		‡45.4	28.4	21.2		92	−27	May 16	
*Ithaca	25.2	17.0	31.6	45.0	55.8	67.8	74.3	69.5	61.8	51.2	32.7	26.0	46.5	95	− 8	Apr. 12	Oct. 28
Jamestown	27.6	17.6	33.1	‡44.6						49.0	34.0	27.0			− 8	Apr. 21	
Jay	19.0		30.1	45.9	56.0	66.5	70.2	68.0	59.9	49.2	30.8			100		May 26	Sept. 20
Keene Valley	18.1	14.3	27.6	43.4	‡55.4	65.6	70.0	66.8	58.2	47.4	29.4	°24.2	43.4	97	−17		Sept. 20
Liberty	21.1	14.6	29.8	45.4	54.8	62.4		66.7									
Little Falls	19.4	13.6	27.8	45.2	55.4	66.2	73.0	68.6	61.0	48.7	30.1	23.3	44.4	92	−13	Apr. 12	Oct. 7
Lockport	29.2	19.0	33.4		57.6	70.5		72.4	65.4	54.4	39.8	29.7			− 2		Oct. 18
Lowville	17.4	11.4	26.8	44.8	54.8	65.4	71.6	67.6	59.4	47.4	29.0	22.6	43.2	92	−20	Apr. 27	Sept. 20

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
New York—Continued.																	
Lyons					[5]57.4	69.6	[6]76.3	[6]73.2	[6]63.4	[5]53.1	[5]36.2	29.3	.....	99	.....	.....	Oct. 20
Meredith	20.8	12.8	28.8	42.4	53.9	64.4	71.1	66.6	59.0	46.3	27.9	22.5	43.0	92	−16	May 4	Sept. 20
Middletown	25.6	21.4	33.8	47.5	58.0	70.0	76.6	71.6	64.0	53.1	35.8	28.8	48.8	97	− 5	Apr. 3	Oct. 20
Mohonk Lake	25.8	.....	32.1	45.1	55.3	67.8	72.8	67.6	60.6	49.6	32.8	26.0	.....	92	.....	Apr. 3	Oct. 7
Moira	16.4	12.4	27.4	44.2	56.6	67.2	70.0	68.0	61.2	49.2	29.8	23.8	43.8	94	−16	Apr. 27	Sept. 20
New Lisbon	20.4	12.8	28.6	43.0	53.6	63.6	70.0	65.1	57.2	45.2	28.8	23.2	42.6	91	−18	June 10	Sept. 20
New Rochelle	.....	.....	.....	.....	.....	68.3	75.2	71.6	63.6	52.0	35.7	31.0	.....	102	.....	.....	.....
*New York	31.5	25.6	38.6	49.4	58.6	71.4	78.1	75.6	68.4	56.0	39.7	34.1	52.3	99	4	Mar. 31	Nov. 11
North Hammond	17.2	14.4	28.0	47.8	55.6	66.8	72.1	69.9	60.9	49.8	31.6	24.6	44.9	92	−16	Apr. 20	Oct. 7
North Lake	18.0	5.6	21.9	40.8	.....	62.5	68.6	65.3	57.6	45.2	27.2	23.0	.....	89	−31	.....	Sept. 25
Number Four	.....	.....	.....	43.2	53.4	62.9	68.6	65.3	56.6	45.2	27.3	21.0	.....	91	.....	June 10	Sept. 9
Nunda	.....	17.5	32.3	44.4	56.6	.....	.....	.....	.....	.....	[6]32.6	27.6	.....	.....	.....	.....	.....
Ogdensburg	16.3	13.2	25.7	45.6	56.6	66.5	71.4	69.4	61.0	49.2	30.4	23.4	44.1	92	−20	Apr. 20	Oct. 18
Oneonta	.....	18.0	33.2	46.3	57.2	[6]66.8	74.2	68.6	60.5	49.0	31.9	26.6	.....	97	.....	Apr. 17	Sept. 20
*Oswego	23.6	18.6	30.2	43.9	54.0	64.7	72.8	69.2	62.0	51.0	34.2	27.6	46.0	94	− 4	Apr. 13	Oct. 26
Oxford	22.5	15.9	30.6	44.5	55.6	66.3	72.8	67.8	59.2	48.4	31.6	25.0	45.0	93	−13	May 14	Sept. 20
Palermo	22.1	16.4	27.8	45.7	56.8	66.2	.....	68.7	61.1	.....	.....	.....	.....	.....	.....	Apr. 13	.....
Penn Yan	25.8	18.3	32.3	46.5	56.8	69.2	76.6	70.9	[6]62.6	51.8	34.2	27.4	47.7	96	− 4	Apr. 9	Oct. 20
Perry City	22.9	16.4	29.6	43.7	54.9	67.0	73.5	67.3	59.6	47.7	31.2	24.6	44.8	97	−10	May 16	Sept. 20
Plattsburg Barracks	18.8	12.6	22.9	.....	.....	.....	72.4	69.4	61.0	49.4	32.0	24.4	.....	.....	−16	.....	Sept. 25
Port Byron	24.6	17.2	30.7	45.8	56.6	66.8	74.2	69.2	61.7	50.2	[6]34.8	26.8	46.6	94	− 5	Apr. 13	Oct. 20
Port Jervis	26.8	21.8	34.8	47.7	58.6	69.8	76.8	71.7	64.4	52.2	35.0	28.9	49.0	103	−11	Apr. 17	Sept. 26
Primrose	29.4	24.4	37.5	47.9	57.6	70.5	76.5	72.9	64.9	51.8	36.0	30.7	50.0	104	0	Apr. 28	Oct. 25
Richmondville	.....	14.3	30.5	44.0	55.6	66.9	72.6	68.0	61.0	50.7	30.9	26.8	.....	93	.....	Apr. 27	Sept. 20
Ridgeway	25.4	17.8	30.2	[6]45.0	[4]55.6	66.6	74.2	70.0	63.5	51.7	35.7	27.8	47.0	91	− 4	Apr. 20	Oct. 20
*Rochester	25.0	17.8	31.6	46.1	56.2	67.6	74.4	70.2	63.2	51.3	33.7	27.8	47.1	96	− 3	Mar. 29	Oct. 18
Rome	17.2	11.0	.....	44.8	55.2	65.9	73.1	67.4	58.2	46.6	32.4	25.6	.....	94	−14	Apr. 13	Oct. 7
Romulus	26.3	18.6	32.4	46.5	57.1	68.8	75.5	70.2	62.8	50.6	34.9	27.8	47.6	96	− 2	.....	Oct. 18
Saranac Lake	[6]15.4	10.0	26.1	42.8	52.9	63.6	68.0	65.4	57.2	46.2	27.0	21.5	41.3	94	−24	May 26	Sept. 20
Saratoga Springs	20.4	15.6	30.6	48.2	57.0	67.8	73.6	70.4	62.9	51.2	32.6	23.2	46.1	96	−17	Apr. 13	Oct. 5
Schenectady	22.0	17.0	.....	.....	59.7	[6]71.0	76.0	71.6	66.6	49.4	33.6	.....	.....	100	.....	.....	Oct. 21
Setauket	30.8	25.3	36.8	45.8	55.6	67.6	73.8	71.8	65.6	54.8	39.8	34.2	50.2	98	2	Mar. 31	Oct. 26
Shortsville	25.2	16.7	31.3	45.7	55.6	67.0	74.0	69.0	62.7	51.1	33.7	26.8	46.6	94	− 2	Apr. 20	Oct. 18
Southampton	31.2	24.4	36.7	45.2	53.8	64.8	72.8	71.6	65.3	53.8	39.4	33.2	49.4	91	2	Mar. 31	Oct. 26
South Berlin	22.2	14.2	[6]30.4	48.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Canisteo	24.6	15.6	30.5	43.0	53.9	64.8	71.4	66.8	59.7	48.6	32.4	25.2	44.7	93	−11	May 16	Sept. 20
South Kortright	22.7	13.9	28.8	.....	.....	.....	.....	67.0	60.0	46.8	30.0	25.2	.....	.....	−23	.....	Sept. 20
South Schroon	.....	.....	.....	43.6	52.9	63.6	69.0	65.6	57.5	46.6	28.6	22.3	.....	93	.....	May 26	Sept. 20
Straits Corners	[6]22.8	16.4	30.3	44.2	54.8	66.4	73.4	[6]67.8	[4]57.2	[6]48.0	30.9	[5]25.0	44.8	95	−13	May 16	Sept. 20
Ticonderoga	20.5	15.4	[4]29.2	46.5	56.4	66.8	72.6	69.8	63.0	51.8	34.0	26.0	46.0	94	−14	Apr. 15	Oct. 20
Volusia	25.2	15.6	31.5	43.4	54.2	65.1	72.8	68.5	61.0	49.3	33.8	25.8	45.5	90	− 6	Apr. 21	Oct. 17
Walton	23.4	15.4	32.4	45.0	56.8	66.1	72.4	67.6	60.3	48.2	31.0	26.2	45.4	97	−17	May 16	Sept. 20
Wappingers Falls	27.2	21.7	36.5	49.0	59.2	71.4	76.9	72.4	64.4	52.0	35.8	28.5	49.6	99	−12	Apr. 13	Oct. 21
Watertown	21.6	13.8	29.2	45.6	56.5	66.9	73.0	70.2	62.0	50.2	32.4	25.8	45.6	94	− 1	Apr. 20	Oct. 5
Waverly	26.0	18.2	32.9	46.5	56.8	67.6	75.2	69.7	62.2	50.4	33.4	26.8	47.1	99	− 9	May 16	Sept. 26
Wedgewood	22.9	15.4	29.4	43.4	54.2	66.4	73.2	68.5	61.1	49.6	31.3	24.6	45.0	93	− 7	Apr. 20	Oct. 7
Wells	17.0	11.8	27.1	45.2	54.4	65.2	71.4	66.6	58.8	.....	29.3	23.0	.....	96	−29	May 16	Sept. 20
West Berne	21.0	15.1	.....	44.8	55.9	66.2	72.8	68.8	60.0	50.0	30.9	26.0	.....	95	−20	May 6	Sept. 20
West Chazy	16.2	13.4	26.2	45.4	56.0	66.5	70.8	67.5	60.2	47.6	30.0	23.6	43.6	96	−26	Apr. 27	Sept. 20
Westfield[1]	28.6	18.6	34.4	43.8	55.4	67.4	75.4	70.1	63.2	.....	37.2	30.2	.....	92	− 1	Apr. 21	.....
Westfield[2]	26.4	[5]17.0	32.6	44.2	55.3	67.6	74.4	69.8	62.2	50.8	35.6	27.6	47.0	91	− 3	Apr. 21	Oct. 25
Westfield[4]	29.3	19.4	34.1	42.0	53.2	66.2	75.4	70.4	63.8	53.0	38.9	29.5	47.9	90	1	Apr. 21	Oct. 28
Windham	23.2	15.3	30.3	43.6	54.0	65.6	72.5	68.4	60.7	49.2	33.0	26.6	45.2	95	−20	May 16	Sept. 20
North Carolina.																	
Abshers	39.2	36.3	46.8	51.0	64.2	72.4	77.7	73.8	67.6	58.0	42.3	35.4	55.4	98	4	.....	.....
Biltmore	34.6	34.8	48.0	48.8	65.4	72.4	73.6	70.3	63.2	53.9	40.4	34.0	52.9	91	9	Apr. 22	.....
Chapelhill	40.0	37.9	50.6	52.8	68.0	76.4	81.2	80.4	[6]70.6	60.2	43.6	38.8	58.4	100	9	Mar. 29	Nov. 6
*Charlotte	41.6	39.8	50.8	53.6	68.8	75.6	80.0	76.6	70.2	60.8	45.8	40.0	58.6	95	10	Mar. 22	Nov. 15
Cherryville	[4]41.9	39.0	49.8	52.5	67.5	74.0	79.1	74.9	68.8	59.0	44.8	38.2	57.5	100	5	Apr. 24	Nov. 7†
Durham	41.2	38.4	50.4	52.4	67.6	74.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 29	.....
Edenton	42.9	38.6	53.2	54.4	.....	.....	81.6	.....	.....	60.5	45.4	43.3	.....	.....	14	Mar. 17†	Nov. 7
*Fayetteville	43.2	41.0	53.6	55.4	70.2	75.8	80.1	78.3	72.6	62.6	47.0	43.8	60.3	96	10	Mar. 17†	Nov. 7†
Flatrock	37.4	35.8	46.4	48.2	61.2	69.4	73.8	70.8	63.6	53.8	.....	.....	.....	92	.....	Mar. 29	Oct. 19
*Goldsboro	41.4	37.1	52.0	54.7	69.4	76.8	80.7	79.2	72.3	60.0	44.2	41.5	59.1	96	11	Mar. 17†	Nov. 7†
*Greensboro	39.0	36.2	48.8	51.8	66.2	72.8	78.6	75.8	68.8	58.0	42.8	37.6	56.4	94	7	Mar. 22†	Nov. 6†
*Hatteras	45.4	39.5	53.4	52.4	65.4	74.4	78.9	79.5	75.4	65.3	50.0	46.3	60.5	87	22	Mar. 7	Nov. 27
Henderson	39.6	37.4	50.8	52.5	66.7	74.7	79.6	77.0	70.5	59.4	42.6	39.0	57.5	98	7	.....	Nov. 6
Hendersonville	37.7	36.0	46.4	48.6	61.8	69.8	75.0	71.5	65.2	55.7	41.6	36.6	53.8	94	− 2	Mar. 29	Nov. 3
Henrietta	42.5	40.4	51.2	54.5	68.2	74.2	79.8	76.4	70.4	59.8	44.2	38.6	58.4	95	6	Apr. 29	Nov. 6
Highlands	33.5	30.6	41.2	41.9	57.3	64.4	68.4	65.2	58.9	51.6	39.3	33.2	48.8	84	− 5	Apr. 29	Oct. 5
Horsecove	38.2	35.2	45.1	47.6	62.7	68.6	72.6	69.0	64.0	55.4	42.7	36.2	53.1	88	3	Mar. 29	Nov. 15
Kinston	44.0	39.5	54.9	55.4	70.6	77.4	82.1	80.0	73.7	62.0	45.2	45.2	60.8	100	11	Apr. 12	Oct. 19
*Kittyhawk	43.6	36.6	51.0	51.0	62.6	73.8	81.4	79.1	74.0	64.6	47.1	43.6	59.0	96	18	Mar. 17	Nov. 16
Lenoir	37.2	37.0	45.5	52.6	67.9	.....	[6]78.4	[6]75.2	66.8	56.5	41.8	32.8	.....	.....	− 9	Mar. 29†	Nov. 2
Linville	32.2	29.2	40.0	41.7	55.7	64.2	68.4	64.8	57.8	47.5	33.4	30.8	47.1	85	− 5	Apr. 24	Sept. 20
Littleton	38.0	36.3	49.0	51.8	65.0	74.0	79.6	77.0	70.5	58.4	43.4	39.0	56.8	101	7	Mar. 28	Nov. 6
Louisburg	40.3	37.0	50.8	53.2	67.8	75.4	80.8	77.3	71.1	59.2	43.2	42.0	58.2	97	8	Mar. 18†	Nov. 7
*Lumberton	42.4	39.8	51.1	55.3	72.1	76.8	81.6	80.0	74.0	60.3	45.0	42.0	60.0	97	14	Mar. 17†	Nov. 7
Marion	40.9	38.6	48.4	52.0	66.5	73.0	78.2	[6]76.8	.....	58.2	44.2	38.0	.....	98	4	Mar. 29†	Nov. 6
Marshall	37.4	[5]35.6	45.1	47.6	61.8	68.8	.....	.....	[6]64.0	.....	.....	[6]34.4	.....	.....	− 2	Mar. 29	.....
Mocksville	41.0	37.6	[6]49.9	52.6	.....	73.4	78.8	76.8	68.6	58.2	42.1	37.4	.....	95	3	Mar. 29	Nov. 6
Moncure	42.0	40.4	52.4	53.4	68.8	74.5	79.8	77.6	70.2	59.6	43.8	41.0	58.6	95	8	Apr. 24	Nov. 7†
Monroe	41.0	39.7	49.9	50.6	66.3	74.0	78.7	75.9	69.3	58.0	42.4	40.2	57.2	97	7	Mar. 29	Nov. 3
Morganton	40.4	38.6	49.0	52.6	65.4	73.6	78.2	75.0	67.4	57.3	43.4	37.0	56.5	98	− 4	Apr. 24	Nov. 3
Mountairy	37.6	36.0	46.9	52.0	65.0	71.8	77.6	73.7	66.6	56.6	41.2	34.1	54.9	94	6	Mar. 29	Nov. 3
*Newbern	45.8	43.0	55.5	55.3	70.0	76.4	80.6	80.4	74.1	63.8	48.2	46.2	61.6	97	15	Mar. 29	Nov. 7
Oakridge	38.4	36.2	48.4	51.2	65.8	73.0	78.9	75.4	68.2	59.6	43.2	36.8	56.3	97	2	Mar. 29	Nov. 3

[1]G. Schoenfeld. [2]John R. Rogers. [3]D. H. Beadle.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
North Carolina—Cont'd.																	
Patterson (*a*)	37.6	34.2	44.5	48.8	60.2	67.7	73.6	69.6	62.6	52.4	37.4	33.4	51.8	96	— 1	Mar. 29	Nov. 6
Pittsboro	°41.4	39.6	51.4	53.0	°68.0	75.0	80.6	78.0	70.6	58.4	38.8	°35.0	57.5	98	6	Apr. 12	Nov. 7
*Raleigh	41.6	38.8	52.0	53.4	68.2	75.0	80.2	78.0	71.4	60.3	45.0	41.1	58.7	98	10	Mar. 22	Nov. 9
Redsprings				55.0	70.4	76.2	80.8	79.0	73.4	61.2	45.3			99		Apr. 12	Nov. 7
Rockingham	41.5	39.4	51.6	53.6	69.8	76.3	80.1	78.4	72.2	59.1	46.5	41.2	59.1	95	7	Apr. 24	Nov. 7
Roxboro	39.7	37.0	52.4	52.1	67.0	78.6	79.8	75.8	69.0	[d]57.8	43.2	38.8	57.2	97	6	Mar. 29†	Nov. 3
Salem	39.3	36.8	49.6	52.6	66.6	74.0	79.8	76.3	69.0	57.0	42.1	36.3	56.6	97	5	Mar. 29†	Nov. 3
Salisbury	42.5	39.8	51.0	53.4	68.6	73.4	78.0	78.2	71.0	°60.4	45.8	37.4	58.3	98	9	Mar. 22†	Nov. 6
Saxon	39.7	37.6	49.6	52.8	67.1	74.0	79.0	76.4	69.1	55.7	42.7	38.4	56.8	95	7	Apr. 12	Oct. 5
Selma	41.4	37.6	52.6	52.8	69.0	76.4	81.2	79.2	72.1	60.6	43.4	41.8	59.0	101	10	Mar. 29	Nov. 7
Settle	40.0	39.2	50.8	54.0	67.9	75.2	80.4	77.3	69.4	59.6	44.6	38.0	58.0	96	4	Mar. 29†	Nov. 6
Sloan	°44.4	40.7	54.6	53.8	69.6	75.6	78.8	76.9	73.5	[f]62.2	46.6	45.7	60.2	95	9	Mar. 7	Nov. 7
Soapstone Mount	38.8	35.0	48.2	48.8	64.2	71.9	77.8	75.0	67.4	52.4	37.2	37.6	54.6	95	1	Apr. 28	Oct. 16
Southern Pines[1]	44.8	42.0	55.0	56.6	72.2	78.2	82.2	80.2	74.0	64.8	47.8	44.3	61.8	100	10	Mar. 22†	Nov. 7
Southern Pines[2]	43.2	40.4	53.5	54.2	70.7	76.2	80.5	78.6	72.2	62.1	46.6	42.2	60.0	97	11	Mar. 22†	Nov. 7
Southport	47.2	43.8	53.4	56.8	70.8	77.1	81.0	81.0	76.2	65.9	50.2	47.2	62.6	96	16	Mar. 8	Nov. 7
Springhope(*a*)	41.0	35.9	52.0	53.2	67.2	74.7	80.4	77.7	.....	59.8	45.6	43.9	.....	97	12	Mar. 17†	Nov. 7
Statesville	40.0	36.6	.....	51.2	65.0	73.2	78.0	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 24	.....
Tarboro	°41.4	38.1	53.6	55.0	°70.0	°77.4	82.2	80.4	°74.5	[b]63.6	°46.0	43.8	60.5	104	10	Apr. 30	Nov. 7
Washington	44.4	42.4	55.7	55.5	71.0	79.1	83.1	82.4	.....	[b]64.0	48.3	47.8	.....	105	.....	Mar. 16	Nov. 6
Waynesville	37.0	34.2	45.8	45.6	59.4	67.8	71.6	[g]69.6	61.8	51.4	38.9	36.0	51.6	90	— 3	Apr. 23	Oct. 4
*Weldon	39.2	°38.0	48.9	52.5	66.1	74.4	80.4	77.4	70.4	58.4	43.2	38.6	57.3	96	11	Mar. 18	Nov. 7
*Wilmington	45.8	42.4	54.8	55.9	70.4	76.0	79.6	78.6	74.5	63.8	48.7	46.8	61.4	95	16	Mar. 17	Nov. 16
North Dakota.																	
Amenia	°6.6	8.2	°26.1	46.5	59.2	.....	.....	69.0	55.6	48.6	27.0	10.2	.....	.....	— 35	.....	Sept. 18
Ashley	[d]10.4	7.2	25.6	44.7	59.0	69.5	73.0	67.6	52.9	46.6	26.6	9.8	40.6	106	—31	June 7	Sept. 16
Berlin	10.1	8.6	27.2	45.2	56.2	61.4	71.4	66.5	53.4	47.8	27.2	9.0	40.3	104	—36	June 7	Sept. 18
*Bismarck	14.6	11.4	27.8	46.6	61.0	62.8	73.2	69.8	54.8	49.6	29.6	14.7	43.0	106	—26	June 7	Sept. 18
Bottineau	1.8	2.8	21.6	40.6	58.2	58.4	68.3	.....	.....	.....	.....	.....	.....	.....	.....	June 7	.....
Buxton	4.1	5.6	24.2	43.8	57.2	62.7	70.8	66.0	53.8	47.6	26.8	12.5	39.6	93	—33	June 7	Sept. 18
Cando	.....	.....	21.0	[f]40.7	.....	.....	65.0	62.2	°50.4	[k]43.9	23.4	°8.3	.....	.....	.....	June 6	Sept. 18
Churchs Ferry	1.4	—0.9	18.8	43.0	56.6	61.0	68.2	64.2	51.8	45.2	24.5	9.8	37.1	95	—33	June 6	Sept. 17
Coalharbor	11.8	8.7	27.2	43.5	60.8	60.9	71.2	68.0	52.5	48.4	25.8	13.7	41.0	103	—31	June 6	Sept. 17
*Devils Lake	2.2	2.7	21.2	42.9	58.8	61.4	69.5	66.8	53.6	48.2	24.8	10.2	38.5	97	—32	June 7	Sept. 18
Dickinson	17.2	12.8	30.0	46.3	62.9	60.6	74.0	70.4	54.4	48.2	31.2	16.2	43.7	108	—35	May 7	Sept. 17
Dunseith	2.0	3.6	22.0	41.4	58.6	58.4	67.2	63.6	50.2	45.2	23.6	7.8	37.0	91	—43	June 6	Sept. 17
Edgely	.....	.....	.....	.....	.....	64.0	73.0	70.0	56.2	50.6	29.8	15.1	.....	105	.....	June 5	Sept. 17
Ellendale	14.0	13.4	30.2	47.9	61.1	65.5	74.4	69.1	56.7	49.4	30.6	14.3	43.9	104	—31	June 7	Sept. 17
Faleoner	13.9	11.7	28.6	46.6	60.8	61.2	73.3	.....	54.4	49.8	.....	[f]17.0	.....	.....	—31	June 6	Sept. 18
Fargo	6.4	6.2	25.2	45.5	59.0	63.2	71.4	67.4	54.8	47.4	25.0	.....	.....	97	.....	June 7	Sept. 18
Forman	10.9	10.8	26.6	45.6	59.0	63.4	73.2	70.2	56.1	49.5	28.8	13.6	42.3	101	—33	June 7	Sept. 18
Fort Berthold	[d]13.8	[d]13.0	30.9	46.8	64.2	62.8	74.0	70.2	54.8	.....	.....	.....	.....	107	.....	.....	.....
Fort Yates	17.9	12.0	30.0	46.5	63.2	64.8	76.2	70.3	56.8	51.5	30.8	17.0	44.8	110	—26	June 7	Sept. 17
Fullerton	11.8	10.0	27.6	46.0	58.1	64.0	72.2	68.6	54.6	[f]47.8	27.4	14.3	41.9	105	—33	June 7	Sept. 18
Gallatin	4.2	3.7	23.4	43.7	58.6	58.1	70.0	62.2	51.3	44.2	23.2	10.9	37.8	96	—38	June 7	Sept. 18
Glenullin	15.0	13.4	29.6	45.6	[f]61.0	.....	.....	.....	.....	.....	32.4	16.2	.....	.....	—28	.....	.....
Grafton	4.0	5.6	22.6	[d]44.0	60.2	65.4	70.9	65.8	53.2	46.2	24.6	11.6	39.5	98	—25	June 7	Sept. 18
Hamilton	1.7	5.4	21.6	42.5	56.6	60.3	68.3	°65.0	°51.2	[k]47.6	22.8	11.6	37.9	95	—33	June 7	Sept. 8
Hannaford	5.6	3.8	23.8	44.4	58.4	61.0	69.2	65.6	53.4	47.0	26.0	12.4	39.2	97	—32	June 7	Sept. 18
Jamestown	6.0	6.0	25.4	45.3	62.1	62.6	66.9	66.8	52.7	48.5	25.1	10.2	39.8	102	—31	June 7	Sept. 18
*Langdon	.....	.....	.....	44.0	57.4	58.8	.....	61.7	50.4	.....	.....	.....	.....	.....	.....	.....	.....
*Larimore	3.2	2.6	22.0	42.2	56.6	60.1	67.5	63.2	50.4	45.7	23.4	10.2	37.3	96	—35	June 7	Sept. 16
*Lisbon	.....	.....	.....	44.7	59.0	63.2	.....	68.5	55.4	.....	.....	.....	.....	.....	.....	.....	.....
McKinney	3.3	2.8	22.1	41.9	57.5	58.3	68.0	64.5	49.6	46.6	°24.6	11.0	37.5	100	—33	June 6	Sept. 17
Mayville	6.7	7.4	26.4	46.0	60.4	64.0	72.0	67.8	55.0	47.8	26.7	11.2	41.0	101	—31	June 7	Sept. 17
Medora	17.8	14.6	32.3	49.4	64.8	61.7	75.4	70.0	58.4	49.2	32.4	18.3	44.9	108	—37	May 24	Sept. 16
Melville	8.2	6.8	24.6	45.0	60.0	62.5	70.5	66.6	53.4	°48.2	28.2	13.8	40.6	98	—30	June 6	Sept. 17
Milton	—0.2	0.6	18.1	40.2	56.7	58.2	64.0	.....	50.0	43.4	21.5	7.4	.....	.....	—36	June 7	Sept. 18
Minnewaukon	3.0	2.7	22.0	.....	.....	62.8	[f]71.1	.....	.....	.....	.....	.....	.....	.....	.....	June 6	.....
Minto	2.2	5.4	23.4	44.6	58.3	62.0	68.9	65.2	[f]58.0	°44.9	24.0	9.8	38.5	98	—33	June 6	Sept. 17
Napoleon	9.7	6.0	25.2	45.4	59.9	62.2	73.4	68.9	53.8	48.4	27.5	12.2	41.0	105	—32	June 7	Sept. 17
New England	17.0	12.7	31.0	44.3	60.8	60.3	72.0	67.9	54.2	47.9	31.6	14.2	42.8	104	—37	June 7	Sept. 17
Oakdale	14.9	12.7	29.7	43.7	62.2	59.5	70.4	68.1	51.2	49.1	32.4	18.6	42.7	98	—27	June 6	Sept. 17
Pembina	0.2	1.0	20.3	41.5	57.8	60.4	68.4	63.4	51.2	43.4	21.9	8.6	36.5	95	—39	June 7	Sept. 8
Portal	5.0	5.9	23.6	41.2	°62.7	59.4	68.4	[f]61.2	.....	.....	27.3	12.8	.....	95	—33	June 6	.....
Power	8.2	10.6	26.9	46.0	60.0	62.2	71.2	69.5	56.4	49.7	27.1	11.6	41.6	101	—34	June 7	Sept. 18
Steele	8.4	6.6	26.1	45.2	61.1	62.8	72.4	67.4	53.4	47.0	27.6	°14.3	41.0	104	—34	June 7	Sept. 17
University	6.4	6.9	24.0	45.2	58.2	61.4	69.0	64.7	53.2	46.4	25.4	10.2	39.2	94	—33	June 6	Sept. 17
Valley City	.....	.....	.....	.....	60.2	64.2	73.0	67.0	.....	.....	.....	7.3	.....	100	.....	June 7	.....
Wahpeton	10.2	9.7	29.2	48.2	°60.0	64.4	71.9	68.1	56.5	50.8	29.4	15.6	42.8	100	—32	June 7	Sept. 18
*Williston	11.0	9.0	30.2	44.8	64.0	59.8	71.5	67.4	51.4	48.5	25.8	15.7	41.6	99	—28	May 12	Sept. 17
Willow City	2.0	2.4	21.2	43.8	60.4	60.2	67.4	64.1	50.5	45.5	23.8	9.5	37.6	95	—40	June 7	Sept. 17
Woodbridge	—0.4	0.0	17.4	42.4	56.0	58.6	66.4	63.4	50.2	43.4	23.9	.....	.....	96	.....	June 7	Sept. 7
Ohio.																	
Akron	27.6	18.8	37.2	45.3	57.5	69.0	76.6	71.6	63.6	52.2	36.3	27.5	48.6	97	— 8	Apr. 22	Oct. 7
Annapolis	29.4	29.8	39.0	47.4	60.0	67.8	75.8	70.7	61.3	.....	34.8	27.5	.....	95	—14	Apr. 22	Oct. 4
Ashland	27.4	17.4	37.8	48.4	57.4	70.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 22	.....
Ashtabula	29.2	18.5	35.0	41.6	55.0	66.2	75.0	71.0	.....	.....	.....	.....	.....	96	.....	Apr. 21	.....
Bangorville	27.4	19.0	38.4	46.8	59.5	71.2	77.8	73.0	64.6	54.2	37.0	26.8	49.6	100	—13	May 13	Sept. 18
*Bellefontaine	26.6	19.0	36.3	46.1	58.0	70.2	77.7	72.7	64.0	52.7	37.4	27.0	49.0	100	—10	Apr. 21	Oct. 3
Benton Ridge	27.6	19.0	38.0	46.6	57.7	71.1	78.0	73.2	65.2	.....	.....	°22.2	.....	98	—11	Apr. 21	Sept. 19
Bethany	31.9	25.4	41.2	48.0	62.0	73.8	81.8	76.3	68.2	58.1	41.5	30.3	53.2	108	— 8	Apr. 23	Oct. 18
Bigprairie	29.2	20.9	39.2	43.2	57.2	70.0	.....	[g]72.0	64.0	.....	.....	.....	.....	.....	.....	.....	.....
Bladensburg	29.8	21.2	39.0	47.6	58.1	[f]68.4	.....	.....	.....	.....	35.6	26.6	.....	.....	—19	Apr. 29	.....

[1] S. S. Thomas. [2] State Horticultural Farm.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Ohio—Continued.																	
Bloomingburg	31.4	23.4	41.4	48.0	59.8	72.6	80.0	74.4	66.2	54.6	38.7	27.4	51.5	106	−11	Apr. 22	Oct. 4
Bowling Green	26.4	16.4	37.0	*46.6	56.7	69.4	76.4	71.6	64.2	53.4	36.4	24.8	48.3	98	−13	May 4	Sept. 19
*Bucyrus	26.9	16.9	36.6	44.7	58.0	70.4	78.0	73.6	65.5	.....	.....	.....	.....	103	.....	.....	.....
Cambridge	31.0	23.3	41.6	47.2	60.3	71.0	78.0	73.0	64.0	52.6	37.6	29.4	50.8	98	−14	Apr. 23	Oct. 4
Camp Dennison	32.7	26.7	43.2	48.8	61.8	73.7	80.8	76.1	67.0	54.8	39.4	29.1	52.8	109	−15	Apr. 24	Oct. 4
*Canal Dover	29.9	21.0	39.6	45.0	58.6	70.6	78.0	72.4	63.2	52.0	35.6	28.2	49.5	102	−15	Apr. 26	Oct. 4
*Canton	30.1	21.6	39.8	45.4	59.3	70.8	77.6	72.7	63.7	52.0	36.7	28.5	49.8	97	− 6	Apr. 21	Oct. 4
Cardington	27.4	20.0	38.4	45.9	58.4	69.8	76.7	72.0	64.2	52.4	37.0	26.4	49.0	98	−15	May 16	Sept. 19
Celina	.....	19.0	37.8	49.8	58.3	72.4	77.8	*72.4	65.0	*55.0	37.2	24.6	.....	100	.....	Apr. 21	Sept. 19
*Chillicothe	.....	.....	.....	47.0	61.9	74.0	81.4	76.4	67.6	.....	.....	.....	.....	108	.....	Apr. 23	.....
*Cincinnati	33.2	27.2	43.3	49.9	62.5	75.0	82.4	76.6	68.6	57.5	41.0	31.0	54.0	105	− 7	Apr. 21	Oct. 18
*Circleville	30.8	23.6	41.4	47.9	60.3	72.4	79.0	74.0	66.5	55.6	39.0	29.4	51.7	102	−10	Apr. 21	Oct. 4
Clarksville	32.0	24.6	42.0	48.5	61.2	73.5	79.8	74.6	67.2	56.8	39.5	28.8	52.4	104	−13	Apr. 21	Oct. 3
*Cleveland	28.8	19.5	36.6	44.4	55.8	67.8	76.2	71.2	64.1	53.8	38.2	28.2	48.7	92	− 6	Apr. 20	Nov. 5
Cleveland[1]	29.6	20.6	37.6	45.1	56.5	68.4	76.2	71.3	63.8	54.2	39.0	29.0	49.3	92	− 5	Apr. 21	Oct. 20
Cleveland[2]	27.7	18.4	37.6	45.4	57.0	69.5	77.7	71.9	63.8	53.2	37.3	26.2	48.8	97	− 6	Apr. 21	Nov. 4
Clifton	.....	.....	.....	47.8	.....	.....	78.4	73.2	66.0	56.0	38.7	28.0	.....	.....	.....	Apr. 22	Oct. 4
Coalton	35.4	26.1	.....	*48.0	60.3	72.3	78.4	74.4	65.3	54.3	39.1	30.3	.....	101	−13	Apr. 25	Oct. 4
Colebrook	26.6	16.8	34.7	44.5	*56.7	68.4	74.6	†70.2	62.2	48.5	*34.0	27.7	47.1	90	− 8	May 15	Oct. 4
*Columbus	30.4	23.5	40.6	48.5	61.1	73.4	79.9	74.6	66.6	55.7	38.6	28.7	51.8	104	− 7	Apr. 21	Oct. 18
*Dayton	30.2	24.4	41.9	48.0	60.4	73.8	80.7	75.8	66.7	54.8	38.4	27.7	51.9	108	−12	Apr. 21	Oct. 4
*Defiance	25.7	15.2	36.6	45.4	58.0	70.3	78.8	73.1	64.4	54.8	37.2	25.4	48.7	100	−10	May 13	Sept. 19
Delaware	29.0	21.4	39.7	47.0	58.8	71.2	77.8	72.9	64.6	53.0	37.2	27.0	50.0	102	−13	May 13	Oct. 4
Demos	30.1	22.2	40.5	46.2	60.2	70.4	77.0	72.4	64.2	54.1	36.8	28.6	50.1	97	− 6	Apr. 22	Oct. 4
Elyria	27.6	17.7	37.0	46.1	57.2	68.8	77.2	72.2	63.6	53.0	36.3	25.6	48.5	101	−11	Apr. 22	Oct. 4
Findlay	28.2	19.4	39.5	48.0	59.5	72.9	80.4	74.5	66.4	55.6	39.0	28.0	51.0	104	−11	Apr. 21	Oct. 4
Frankfort	32.0	24.4	42.0	46.2	60.2	71.4	77.4	72.2	64.0	54.0	37.6	28.6	50.8	100	−14	Apr. 23	Oct. 4
Fremont	.....	.....	.....	.....	.....	.....	78.2	72.4	64.5	54.2	37.7	25.8	.....	.....	.....	.....	Oct. 4
Garrettsville	27.6	16.9	36.8	44.8	56.4	67.3	75.6	70.0	62.2	51.0	36.0	26.5	47.6	97	−16	June 9	Oct. 7
*Granville	28.4	22.2	*38.0	46.6	59.2	71.3	78.1	73.1	*63.4	54.4	37.4	27.9	50.0	101	−16	Apr. 23	Oct. 4
Gratiot	30.4	21.4	41.4	46.4	59.6	70.8	77.8	73.2	64.2	53.3	36.8	27.7	50.2	97	−16	Apr. 22	Oct. 4
Green	33.7	28.8	44.6	48.8	61.8	74.0	79.2	75.1	67.4	54.6	*38.9	32.0	53.2	99	− 7	Apr. 21	Oct. 18
Greenfield	.....	.....	*38.8	.....	.....	.....	79.5	73.9	65.4	54.9	39.4	29.8	.....	.....	.....	.....	Oct. 4
Greenhill	27.2	18.4	37.1	44.0	57.0	67.6	75.0	70.6	61.9	50.0	35.0	26.8	47.6	95	−16	May 16	Oct. 4
*Greenville	28.6	22.4	38.5	47.0	58.6	71.0	78.6	72.8	65.1	54.6	37.8	27.8	50.2	101	−10	Apr. 21	Oct. 4
Hanging Rock	35.0	29.0	45.2	48.6	63.4	72.8	79.5	74.8	66.9	56.8	39.5	32.8	53.7	103	− 6	Apr. 22	Oct. 18
Hedges	27.7	18.4	37.8	47.8	57.5	71.2	79.0	72.7	65.9	54.2	38.0	24.6	49.6	102	− 8	May 4	Sept. 19
Hillhouse	26.0	16.6	34.2	42.2	53.7	66.4	74.4	69.2	61.1	51.0	35.4	26.0	46.4	94	−11	June 9	Sept. 19
Hillsboro	31.0	23.4	.....	48.6	58.6	71.0	78.4	73.6	64.8	53.4	36.4	27.4	.....	102	−19	Apr. 23	Oct. 3
Hiram	27.0	17.6	35.8	45.4	57.3	67.8	76.5	71.0	63.0	52.3	36.0	25.9	48.0	95	−11	Apr. 23	Oct. 7
Hudson	27.5	19.0	36.1	44.8	57.9	69.6	76.5	71.1	63.0	52.0	35.4	25.6	48.2	100	−14	May 15	Oct. 4
Jacksonboro	30.0	24.8	39.7	49.0	61.0	74.0	82.2	76.6	69.3	57.6	40.2	27.4	52.6	109	− 9	Apr. 22	Oct. 18
Killbuck	29.0	20.3	39.0	46.1	59.0	70.2	76.4	72.4	63.8	52.0	37.2	27.4	49.4	98	−11	Apr. 22	Oct. 5
Lancaster	31.9	24.6	41.2	46.8	60.0	71.4	77.6	73.3	64.5	54.4	38.8	28.9	51.0	99	−12	Apr. 23	Oct. 4
Leipsic	27.3	16.9	.....	.....	.....	.....	.....	.....	.....	55.7	38.9	27.9	.....	.....	.....	Apr. 21	Oct. 2
Lima	.....	.....	.....	46.6	57.8	70.6	78.0	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 21	.....
Lordstown	26.6	18.1	36.2	44.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McConnellsville	32.4	25.2	42.0	46.6	60.8	71.2	78.1	73.2	64.6	53.7	37.7	28.4	51.2	98	−11	Apr. 23	Oct. 4
Manara	.....	.....	.....	.....	.....	.....	78.4	73.0	.....	54.4	38.2	27.9	.....	.....	.....	.....	Oct. 4
Marietta	35.0	27.9	44.9	49.7	62.9	72.1	79.2	75.0	66.0	55.1	39.8	32.1	53.3	98	− 3	Apr. 5	Oct. 25
Marion	29.0	21.0	39.4	47.8	60.1	71.7	79.6	74.2	66.4	54.8	38.0	27.3	50.8	102	− 9	May 13	Oct. 3
Medina	27.4	17.7	38.0	†45.2	58.0	69.8	76.8	72.4	64.6	53.5	36.6	26.8	48.9	96	−14	Apr. 22	Oct. 4
Milfordton	27.6	17.8	36.6	45.0	58.5	69.5	77.2	72.8	65.3	51.7	35.8	28.2	48.8	99	−16	May 13	Oct. 4
Milligan	31.5	23.7	41.4	46.2	59.2	70.8	77.7	72.6	64.0	53.0	37.2	28.7	50.5	100	−18	May 13	Sept. 19
Millport	.....	19.4	37.6	45.0	58.1	67.7	76.7	71.2	61.3	51.0	35.2	26.5	.....	95	.....	May 13	Oct. 4
Montpelier	25.4	14.4	34.4	47.2	57.1	70.2	76.8	71.8	63.2	52.4	36.8	23.9	47.8	98	−14	Apr. 21	Sept. 19
Moorfield	30.6	22.8	39.8	46.6	58.4	71.0	77.4	73.2	63.6	51.0	*34.8	29.8	49.9	100	−11	Apr. 21	Oct. 4
Napoleon	28.0	17.6	37.6	47.8	58.4	70.2	77.6	72.8	65.0	55.6	38.7	[illegible]	49.6	97	−10	Apr. 21	Oct. 4
New Alexandria	30.8	21.8	41.2	47.2	61.4	71.6	78.6	74.7	64.6	53.4	37.1	30.2	[illegible]	100	− 7	Apr. 21	Oct. 4
New Berlin	27.8	20.0	37.7	45.3	59.2	69.2	77.2	72.6	64.2	52.2	37.2	27.9	[illegible]	97	−10	Apr. 23	Oct. 4
New Bremen	28.1	19.5	39.0	47.4	59.1	72.2	79.8	73.9	66.0	55.0	37.4	25.2	[illegible]	102	−14	Apr. 21	Oct. 4
New Holland	31.7	24.8	43.6	47.4	62.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Paris	29.0	21.8	40.0	47.9	58.4	71.5	80.6	73.8	65.0	55.1	37.6	26.8	[illegible]	[illegible]	−13	May 13	Oct. 4
New Richmond	33.8	27.7	42.8	46.8	61.4	74.3	81.9	76.5	69.2	58.2	41.8	30.9	[illegible]	[illegible]	− 8	Apr. 23	Oct. 18
New Waterford	28.3	19.8	38.0	46.0	59.4	68.9	76.4	71.3	63.0	51.0	36.4	28.6	[illegible]	[illegible]	−10	Apr. 21	Oct. 4
North Lewisburg	27.2	20.0	39.0	46.9	59.0	71.6	78.2	73.0	64.3	53.6	36.4	25.9	[illegible]	[illegible]	−18	Apr. 21	Oct. 4
North Royalton	27.1	18.2	36.5	45.0	57.6	69.8	77.1	72.1	63.8	53.1	36.6	26.5	[illegible]	[illegible]	−11	Apr. 21	Oct. 4
*Norwalk	28.0	18.7	38.6	45.2	58.1	69.4	77.9	73.4	64.8	55.2	38.4	26.3	[illegible]	[illegible]	−13	May 4	Oct. 4
Oberlin	27.6	19.0	37.6	45.4	57.0	69.8	77.5	71.4	64.7	53.6	37.7	25.8	[illegible]	[illegible]	−11	May 15	Oct. 4
Ohio State University	30.3	22.8	41.1	47.2	59.2	71.8	78.1	73.0	64.4	53.2	36.8	28.0	[illegible]	[illegible]	−13	Apr. 21	Oct. 4
Orangeville	26.2	16.2	36.4	44.7	57.9	66.6	74.2	69.9	61.8	49.6	36.2	27.0	[illegible]	[illegible]	−20	June 9	Oct. 4
Ottawa	27.9	19.0	39.3	48.1	59.0	71.5	78.8	73.8	65.8	55.0*	37.7	24.9	[illegible]	[illegible]	−12	May 4	Sept. 19
Pataskala	29.2	21.4	40.0	46.7	59.2	70.6	77.0	72.1	63.9	53.2	37.0	27.3	[illegible]	[illegible]	−17	Apr. 22	Oct. 4
Philo	31.0	.....	†42.2	47.2	60.7	71.8	78.7	75.0	66.2	56.0	38.2	29.8	.....	[illegible]	.....	Apr. 23	Oct. 4
Plattsburg	29.0	21.6	39.0	47.2	59.3	71.6	78.4	73.5	65.4	54.3	36.6	26.6	[illegible]	[illegible]	−22	Apr. 23	Oct. 3
*Pomeroy	33.0	27.6	45.0	47.6	61.6	73.3	80.2	74.5	65.2	54.8	39.6	32.4	[illegible]	[illegible]	− 8	Apr. 23	Oct. 5
Portsmouth	34.0	27.8	43.6	49.8	63.6	74.3	81.2	75.1	67.6	57.6	41.6	33 4	[illegible]	[illegible]	−13	Apr. 21	Oct. 18
Richwood	27.7	20.2	40.4	49.2	60.7	71.2	78.6	73.1	65.2	52.2	37.7	28.6	[illegible]	[illegible]	−13	Apr. 21	Oct. 4
Ripley	33.4	27.4	43.8	48.8	61.8	73.2	80.1	74.4	66.9	56.6	39.7	30.3	[illegible]	[illegible]	−11	Apr. 22	Oct. 4
Riltman	29.3	21.0	39.8	45.0	56.4	68.8	76.2	71.8	62.7	51.2	38.0	27.8	[illegible]	[illegible]	−10	May 15	Oct. 4
Rockyridge	27.3	16.8	36.9	45.8	57.2	69.4	77.9	72.6	65.8	54.6	37.5	26.0	[illegible]	[illegible]	−12	May 4	Sept. 19
Rosewood	28.1	21.0	39.0	47.2	58.4	70.8	78.5	72.8	64.0	.....	.....	.....	.....	[illegible]	.....	May 13	Sept. 18
*Sandusky	27.6	18.9	36.8	45.7	56.9	68.8	78.4	73.2	65.8	54.8	38.1	25.6	[illegible]	[illegible]	− 7	Apr. 21	Oct. 18
Shenandoah	26.8	18.8	37.2	46.3	56.5	69.9	76.2	71.2	62.6	51.8	35.6	26.0	[illegible]	[illegible]	−14	May 13	Sept. 18
Sidney	28.0	20.2	37.9	48.0	61.5	73.5	81.3	75.6	65.5	53.6	36.8	27.0	[illegible]	[illegible]	−12	Apr. 21	Oct. 4
Sinking Spring	31.5	27.1	44.2	48.6	62.1	*74.3	80.5	.....	67.1	55.2	.....	.....	.....	.....	.....	Apr. 23	.....
*Somerset	32.0	23.6	42.0	47.2	61.2	72.6	79.6	74.6	66.0	56.0	39.1	30.7	52.0	101	− 8	Apr. 22	Oct. 4

[1] G. A. Hyde.

[2] Rev. F. Odenbach.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Ohio—Continued.																	
Thurman	34.6	27.4	45.5	48.5	62.2	73.0	79.6	75.8	67.2	54.8	39.6	32.5	53.4	103	—11	Apr. 23	Oct. 4
Tiffin	28.2	19.6	38.2	47.0	57.6	70.6	77.0	73.0	64.8	53.5	37.5	26.6	49.5	94	— 8	Apr. 21	Sept. 19
*Toledo	26.7	17.9	36.0	47.1	57.2	70.1	77.5	72.4	65.0	54.1	37.6	25.5	48.9	97	— 8	Apr. 21	Oct. 4
Upper Sandusky	30.2	.....	.....	48.6	59.0	72.2	79.0	72.6	65.4	55.4	38.0	26.8	.....	101	.....	Apr. 12	Oct. 4
Urbana	28.6	21.6	38.5	47.4	59.2	71.2	77.7	73.2	64.8	55.3	37.2	27.4	50.2	96	— 9	Apr. 22	Oct. 4
Vanwert	28.4	17.6	38.0	47.3	57.3	71.1	78.2	73.0	66.2	54.0	37.7	25.0	49.5	100	—10	Apr. 21	Sept. 19
Vermilion	26.8	17.2	37.0	45.2	56.5	68.7	76.8	71.4	64.4	54.0	36.9	.....	.....	98	.....	Apr. 21	Oct. 18
Vickery	27.3	18.4	37.4	46.0	56.6	69.5	77.4	72.6	64.8	53.9	37.2	25.2	48.9	99	—11	May 13	Oct. 4
Warren	28.0	19.4	38.0	45.0	.....	[c]70.0	76.6	72.2	63.5	51.6	37.0	28.4	.....	98	— 6	May 15	Oct. 7
Warsaw	29.5	21.1	40.0	45.6	58.5	70.2	77.4	72.1	63.8	51.2	36.2	28.3	49.5	102	—16	May 16	Oct. 4
Wauseon	25.9	16.6	35.8	47.6	57.0	70.2	78.4	73.0	65.3	53.4	36.6	24.4	48.7	101	—11	May 13	Sept. 19
Waverly	33.1	27.0	43.5	49.2	62.8	74.6	81.0	75.4	66.6	55.9	40.4	30.9	53.4	105	—11	Apr. 23	Oct. 4
Waynesville	30.3	23.8	40.9	48.4	59.6	71.8	79.2	[b]74.8	66.0	54.8	38.2	27.8	51.3	105	—10	Apr. 23	Oct. 4
Wellington	28.6	[f]20.4	[c]39.2	45.8	58.4	68.3	77.8	72.2	[c]64.9	53.3	37.2	[c]27.3	49.4	98	— 1	May 4	Oct. 4
Westerville	30.2	22.8	40.4	47.2	58.8	70.9	[d]76.4	.....	.....	52.1	.....	.....	.....	.....	.....	Apr. 27	Oct. 4
Wooster	28.3	20.0	39.0	45.2	58.0	69.1	76.0	71.6	63.3	51.8	36.6	27.0	48.8	95	—11	Apr. 21	Oct. 4
Oklahoma.																	
Arapaho	39.0	36.8	51.4	58.1	67.2	78.6	85.8	84.9	73.9	65.9	53.2	35.8	60.9	111	—10	Apr. 19	Oct. 13†
Beaver	34.0	35.8	48.2	56.6	64.6	79.1	85.0	80.6	72.7	59.9	46.3	38.6	58.4	108	— 6	Apr. 18	Nov. 2†
Blackburn	37.0	33.8	48.1	57.0	65.4	78.4	86.2	81.6	72.8	64.8	49.0	34.6	59.1	109	— 7	Apr. 19	Oct. 14
Burnett	41.9	38.4	49.8	58.2	67.8	79.2	84.6	81.6	73.6	66.4	52.5	37.9	61.0	107	2	Apr. 19	Oct. 14†
*Chandler	.....	.....	.....	.....	.....	.....	85.8	81.4	74.2	65.7	[b]50.4	38.2	.....	.....	.....	.....	Oct. 14
Clifton	41.0	37.8	50.1	58.8	67.3	78.6	85.6	82.3	74.1	66.0	50.8	37.5	60.8	108	1	Apr. 18	Oct. 14
Cloud Chief	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56.0	39.2	.....	.....	.....	.....	.....
*Enid	.....	.....	.....	.....	.....	[e]83.1	87.9	83.2	74.0	.....	.....	.....	.....	109	.....	.....	.....
Fort Reno	38.6	36.2	50.2	57.2	67.3	77.8	85.9	82.9	74.2	65.8	52.0	36.3	60.4	108	— 3	Apr. 18	Oct. 14
Fort Sill	42.0	40.2	53.2	60.6	68.8	78.5	84.9	83.2	75.2	67.6	54.2	40.0	62.4	107	1	Apr. 18	Oct. 14
Guthrie	39.2	36.9	49.4	58.4	68.6	80.0	87.0	82.9	73.4	66.3	51.9	37.0	60.9	105	— 3	Apr. 17	Nov. 3
Hennessey[1]	38.9	35.3	49.9	57.4	67.6	81.8	87.5	82.6	75.5	66.6	50.2	37.2	60.9	111	— 7	Apr. 18	Oct. 14
Jefferson	35.8	33.4	44.2	55.1	65.0	81.0	86.5	80.5	72.0	.....	.....	.....	.....	111	.....	Apr. 19	.....
Jenkins	37.0	35.2	46.4	54.9	64.6	78.1	83.7	79.5	71.4	63.2	48.6	36.8	58.3	106	— 5	Apr. 18	Oct. 14†
Kenton	36.0	33.9	43.8	53.0	60.2	72.4	76.4	72.4	67.8	58.7	47.5	35.9	54.8	101	—15	Apr. 18	Oct. 13
Kingfisher	39.8	37.2	49.8	58.2	67.2	79.2	85.9	83.1	74.6	66.8	51.2	37.3	60.9	109	— 3	Apr. 19	Oct. 14
Lyons[2]	36.8	32.6	46.3	.....	[c]66.4	80.2	.....	82.0	74.1	64.2	50.1	36.0	.....	.....	— 8	.....	Oct. 14
*Mangum	43.4	37.9	.....	60.6	69.2	81.4	86.4	84.8	75.7	68.2	53.0	.....	.....	110	.....	Apr. 16	Nov. 4
Newkirk	37.0	34.2	47.3	.....	67.8	80.2	88.0	82.7	73.4	65.8	50.8	33.4	.....	110	— 4	.....	Oct. 14
Norman	40.6	36.7	49.7	56.2	[c]67.4	[e]76.1	84.2	81.7	75.0	66.3	[c]50.4	37.2	60.1	107	1	Apr. 18	Oct. 14
*Oklahoma	40.0	36.6	48.8	57.9	67.4	78.7	84.9	82.0	73.5	66.2	51.2	36.3	60.3	104	— 2	Apr. 18	Nov. 4
Pawhuska	36.8	35.4	47.8	57.6	67.6	79.6	86.2	81.9	74.1	64.0	49.1	35.7	59.7	107	— 6	Apr. 18	Oct. 14
Perry	39.0	35.4	48.4	56.2	65.8	78.2	86.2	81.6	73.8	65.6	51.0	35.6	59.8	109	— 8	Apr. 18	Nov. 4
Sac and Fox Agency	40.0	36.4	48.3	55.8	65.6	79.0	85.6	80.2	72.1	64.5	50.4	37.8	59.6	110	0	Apr. 18	Oct. 14
*Shawnee	.....	.....	.....	.....	.....	.....	86.2	82.8	74.2	66.8	53.2	39.1	.....	.....	.....	.....	Nov. 13
Stillwater	40.3	37.1	50.0	57.6	67.5	79.8	86.2	82.7	74.3	66.3	51.8	[f]36.6	60.9	107	— 2	Apr. 18	Oct. 14†
*Taloga	37.4	35.6	49.6	57.5	68.8	81.6	[d]89.4	[a]86.7	[f]73.8	62.7	49.1	37.2	60.9	112	— 4	Apr. 18	Oct. 14†
Waukomis	38.5	37.0	49.8	57.0	67.2	79.8	88.1	83.2	74.0	66.0	52.0	.....	.....	112	.....	Apr. 19	Oct. 14†
Weatherford	.....	.....	.....	.....	.....	.....	87.1	83.2	74.0	64.4	48.6	39.2	.....	.....	.....	.....	Nov. 4
*Woodward	38.9	37.6	51.6	58.6	67.6	80.3	86.2	82.2	74.6	65.4	51.1	.....	.....	107	.....	Apr. 18	Nov. 4†
Oregon.																	
Albany (*a*)	40.6	44.5	47.1	49.0	58.8	60.1	65.7	69.4	59.9	59.6	50.2	42.5	54.0	97	25	Mar. 24	Dec. 11
Alpha	40.2	43.0	45.8	47.8	55.0	55.8	59.8	64.0	56.6	58.0	49.2	41.8	51.4	100	18	Apr. 24	Sept. 16
Arlington	.....	39.2	47.9	51.3	61.6	63.6	71.0	75.6	.....	.....	.....	.....	.....	103	.....	May 23	Dec. 10
Ashland	36.5	41.4	44.8	47.2	56.2	61.6	66.6	72.4	59.2	56.7	46.6	38.5	52.3	105	12	May 18	Nov. 2
*Astoria	40.9	42.2	45.2	46.4	51.8	53.9	57.2	60.0	56.7	57.1	49.8	42.7	50.3	84	28	Feb. 21†	Dec. 12†
Aurora (*a*)	40.4	44.8	45.7	51.7	59.0	55.6	66.8	70.6	58.8	58.0	48.1	42.8	53.5	100	25	Mar. 14	Dec. 11
Aurora (near)	38.6	41.7	45.4	48.4	55.8	57.0	61.0	66.6	57.5	56.8	45.7	40.2	51.3	98	23	May 18	Nov. 2
*Baker City	29.7	30.2	37.9	42.4	55.5	53.4	66.5	70.0	52.3	53.0	40.9	29.4	46.8	94	1	June 9	Oct. 30
Bandon	45.6	46.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bay City	42.0	43.2	45.1	46.2	52.4	52.5	55.0	57.4	55.0	56.3	50.1	44.3	50.0	83	24	May 3	Dec. 11
Bend	.....	.....	.....	39.5	50.6	51.9	60.3	65.8	[d]43.8	51.4	.....	.....	.....	97	.....	July 27	Sept. 5
Beulah	30.0	33.1	40.6	44.3	57.7	58.2	70.6	71.6	53.8	51.4	35.8	29.8	48.1	107	— 8	July 4	Sept. 5
Blackbutte	36.8	41.6	45.4	46.9	55.2	59.4	63.4	67.7	56.6	56.4	47.3	39.8	51.4	100	19	Apr. 27	Nov. 11
Blalock[3]	.....	.....	47.3	53.0	63.3	65.4	74.6	79.6	62.6	61.0	45.8	39.8	.....	107	.....	Apr. 8	Nov. 8
Brownsville (*a*)	41.4	43.0	47.4	50.8	55.3	60.2	66.1	73.1	57.2	58.6	51.1	43.6	54.0	102	26	Feb. 18	Dec. 12
Burns	23.4	27.8	36.1	41.2	54.8	53.6	68.1	68.6	52.4	51.2	.....	31.2	.....	97	— 8	July 3	Sept. 4
*Cascade Locks	39.9	42.2	48.8	52.4	60.2	61.8	68.0	72.8	62.0	62.0	49.6	43.2	55.2	104	27	Apr. 24	Dec. 12
Comstock (*a*)	39.4	43.9	44.0	49.1	57.1	59.8	65.2	.....	57.2	57.8	49.5	42.1	.....	.....	18	Mar. 13	Dec. 12
Corvallis	39.0	42.4	45.8	49.8	56.2	57.4	62.1	67.4	57.7	57.4	47.4	40.2	51.9	101	21	May 5	Nov. 7
Dayville	33.6	38.0	43.6	46.2	.....	[c]57.7	67.8	70.6	56.6	55.4	46.8	37.7	.....	99	4	June 24	Sept. 5
Eugene	38.9	42.5	46.6	48.2	55.6	58.2	62.1	67.5	58.2	57.4	49.0	40.6	52.1	96	21	Apr. 15	Dec. 11
Fairview	42.2	45.6	48.0	48.6	54.4	57.5	59.2	60.9	55.2	[d]56.6	49.1	41.4	51.6	85	22	Apr. 15	Nov. 11
Falls City	36.4	40.6	44.1	46.6	54.0	55.2	60.0	66.0	55.6	54.2	45.7	39.2	49.8	99	22	Apr. 27	Nov. 2
Forestgrove	37.7	[c]40.2	45.4	48.0	56.8	.....	.....	.....	.....	56.2	46.7	40.2	.....	.....	21	Apr. 26	Nov. 2
Gardiner	44.1	45.6	48.4	49.0	54.1	56.6	58.1	60.5	57.8	58.2	49.2	42.6	52.0	87	28	Apr. 15	Dec. 11
Glenora	36.4	40.6	44.8	46.4	52.0	53.2	58.8	65.8	55.7	54.0	45.2	39.0	49.3	102	20	May 6	Sept. 9
Government Camp	32.0	33.1	36.8	38.3	47.7	45.8	53.6	64.6	48.2	52.6	39.4	33.6	43.8	91	7	June 12	Oct. 31
Grants Pass	37.6	43.6	46.6	48.6	57.0	59.3	66.4	71.2	59.4	57.9	46.1	38.3	52.7	106	18	May 18	Nov. 2
Hare	42.8	44.2	46.0	45.2	50.4	51.9	55.8	59.6	[d]57.4	.....	50.8	47.0	.....	89	27	Apr. 25	Dec. 12
Heppner	.....	35.7	43.0	46.3	.....	.....	.....	.....	56.0	57.0	45.2	38.6	.....	.....	.....	Apr. 26	Sept. 7
Hood River (near)	35.8	38.2	44.7	48.1	57.0	58.2	64.2	70.2	57.4	58.4	44.8	38.8	51.3	103	14	Apr. 24	Nov. 2
Huntington	.....	35.4	42.9	50.6	64.6	64.3	81.4	81.8	62.1	57.8	42.9	34.6	.....	106	.....	June 5	Oct. 17
Jacksonville	34.0	41.0	45.7	48.1	57.8	60.8	67.7	73.0	60.0	57.5	45.4	37.2	52.4	106	17	Apr. 27	Nov.

[1] Name of station changed from Yittum October 1, 1901.
[2] Name of station changed from Prudence July 1, 1901.
[3] Name of station changed from Harris October 1, 1901.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Oregon—Continued.																	
Joseph	26.0	26.0	33.6	39.5	51.0	48.9	61.8	65.6	48.0	44.6	35.8	27.9	42.4	93	− 4	July 4	Sept. 5
Junction (*a*)	40.4	42.4	46.0	49.6	59.2	62.6	66.9	71.9	60.6	59.4	53.7	43.4	54.7	110	22	Mar. 4	Dec. 12
Kerby	37.5	.....	.....	†48.8	56.2	60.2	66.0	70.0	57.3	57.4	46.0	39.2	.....	105	.....	.....	.....
Klamath Falls	25.2	31.3	37.6	43.7	54.8	57.2	68.1	70.0	54.6	51.9	40.8	32.6	47.3	99	− 6	July 3	Sept. 8
Lafayette (*a*)	40.2	42.7	47.3	51.7	58.4	58.4	62.0	†61.0	60.4	59.4	47.5	40.5	52.5	93	24	Mar. 18	Nov. 8
Lagrande	33.1	33.4	40.4	44.0	56.2	55.8	68.8	73.0	54.6	55.4	43.9	34.7	49.4	101	− 2	June 5	Sept. 9
Lakeview	27.0	32.2	38.3	42.0	†53.8	57.4	68.8	70.6	55.2	52.6	41.5	33.0	47.7	101	− 5	July 2	Sept. 7
Lonerock	.....	.....	.....	41.1	52.2	53.1	62.4	68.6	52.2	54.6	43.8	37.9	.....	96	.....	June 6	Oct. 29
McMinnville	39.1	42.3	45.2	47.8	55.7	†56.3	61.5	67.6	57.7	57.6	46.8	40.3	51.5	101	24	Apr. 27	Nov. 8
Merlin (*a*)	37.7	44.8	48.6	52.6	60.4	64.8	70.0	72.0	57.7	57.1	47.6	41.5	54.6	104	18	May 1	Nov. 3
Monmouth	39.1	41.7	46.1	51.6	58.9	60.7	66.4	68.4	59.2	59.0	48.8	41.8	53.5	99	24	Mar. 4	Dec. 12
Monroe	†43.3	42.4	45.6	48.0	55.0	56.7	61.7	68.0	58.2	57.6	47.8	41.2	51.1	98	21	Apr. 26	Nov. 2
Mount Angel	39.0	41.4	45.5	48.3	56.0	58.0	63.2	69.2	58.4	58.0	47.6	40.6	52.1	99	23	Apr. 8	Dec. 11
Newberg	39.0	42.8	47.6	49.3	56.2	56.8	†61.2	.....	58.6	58.6	47.4	40.4	.....	.....	23	Apr. 27	Nov. 2
Newbridge	30.7	32.6	39.0	42.6	59.8	57.6	69.5	71.8	54.8	53.4	†36.4	24.4	47.7	100	− 5	June 23	Sept. 17
Newport	44.2	45.0	47.2	47.0	51.8	53.6	55.6	54.9	55.0	57.0	51.6	47.0	50.8	82	28	Feb. 21	Dec. 11
Pendleton	36.2	37.2	47.2	51.8	60.2	63.4	70.4	76.1	60.8	53.3	46.4	38.7	53.5	109	9	May 10	Nov. 3
*Portland	39.5	43.0	46.6	48.8	56.7	58.0	62.8	68.4	58.3	59.1	48.4	41.1	52.6	94	26	Feb. 21	Dec. 12
Prineville	32.7	28.6	44.2	47.4	54.9	59.7	65.0	71.6	56.5	50.2	48.4	45.2	50.4	98	− 8	July 31	Sept. 4
Riddles (*a*)	37.4	41.2	46.3	47.5	55.1	60.4	66.6	67.8	60.3	59.5	52.4	45.0	53.3	102	19	Apr. 8	Nov. 11
Riverside	30.6	31.2	40.0	45.7	60.6	59.2	†73.5	73.0	55.1	53.5	38.8	30.8	49.3	108	− 8	July 3	Sept. 4
*Roseburg	39.4	43.8	47.3	48.8	56.5	58.4	64.0	69.4	59.0	58.8	49.0	39.7	52.8	101	21	Apr. 15	Dec. 7
*Salem	.....	.....	.....	.....	56.6	58.5	.....	†67.2	59.9	59.6	.....	40.4	.....	.....	.....	Mar. 24	Dec. 12
Shaniko	.....	.....	.....	.....	.....	.....	62.7	68.6	50.2	51.7	.....	.....	.....	.....	.....	.....	.....
Sheridan (*a*)	37.8	39.6	44.5	46.2	55.5	58.1	63.8	68.7	59.0	58.6	49.8	44.4	52.2	102	21	Feb. 21	Dec. 11
Silverlake	26.6	30.7	37.4	38.9	51.8	50.6	.....	.....	52.4	51.4	41.0	31.3	.....	.....	−20	July 30	Sept. 4
Silverton (*a*)	40.0	43.2	46.5	49.6	59.2	61.8	66.5	68.6	57.2	57.7	49.2	42.5	53.5	103	26	Feb. 21	Dec. 12
Siskiyou (*a*)	31.8	.....	.....	.....	55.0	.....	64.7	70.4	54.6	57.6	45.6	38.6	.....	.....	.....	.....	Nov. 11
Sparta	26.9	28.6	35.2	41.4	55.2	52.2	70.2	69.5	.....	53.7	38.6	29.2	.....	97	3	June 25	Sept. 9
Springfield (*a*)	38.4	42.4	45.7	49.0	55.6	58.6	64.8	70.0	57.5	57.0	.....	40.4	.....	95	21	Mar. 4	Dec. 12
Stafford	37.0	41.2	45.2	47.8	55.4	57.0	62.5	69.8	58.0	58.8	46.8	39.4	51.6	102	23	Apr. 24	Nov. 2
*The Dalles	35.4	37.6	45.6	50.8	60.4	62.0	68.4	73.6	60.0	58.2	45.8	38.7	53.0	102	17	Apr. 22	Nov. 9
Toledo	42.0	41.5	44.7	45.2	51.8	54.8	57.7	58.8	57.0	58.1	50.8	45.2	50.6	92	22	Apr. 27	Nov. 8
Vale	32.3	31.8	40.6	45.4	59.4	58.8	70.4	72.0	55.0	53.6	37.6	32.9	49.2	105	0	June 22	Sept. 5
Westfork (*a*)	34.0	41.9	44.8	49.3	60.5	65.5	69.8	70.6	60.2	60.0	48.6	41.3	53.9	110	19	Feb. 12	Dec. 12
Weston	32.4	35.4	42.4	46.6	56.2	56.8	66.8	71.4	54.0	54.2	45.4	35.2	49.7	101	10	June 3	Sept. 13
Williams	37.2	42.8	45.3	46.4	55.5	58.8	63.5	67.4	56.5	54.6	44.8	39.5	51.0	100	16	May 18	Sept. 6
Pennsylvania.																	
Aleppo	32.6	23.8	42.3	46.2	60.0	69.4	77.1	73.2	64.3	54.4	36.8	30.6	50.9	97	−11	Apr. 16	Oct. 4†
Altoona	28.3	20.4	36.7	46.1	58.0	66.9	74.6	73.2	60.9	50.7	34.8	27.0	48.1	98	− 4	Apr. 17†	Oct. 4†
Athens	†27.1	18.3	33.5	46.2	57.6	68.5	74.9	70.1	62.6	50.8	33.6	26.8	47.5	99	− 8	Apr. 27	Oct. 7
Bellefonte	30.2	22.4	38.8	49.7	61.9	70.1	76.8	72.8	65.0	53.1	37.6	29.6	50.7	97	− 2	Apr. 17†	Oct. 4†
Butler	28.4	19.2	36.6	45.2	58.5	67.6	75.6	71.0	61.8	50.4	.....	.....	.....	95	.....	May 13	Oct. 4
California	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.6	33.2	.....	.....	.....	.....	Oct. 18
Carlisle	29.2	25.5	38.4	51.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cassandra	27.1	18.8	36.2	44.8	56.3	66.0	73.1	69.0	59.6	50.2	33.7	28.4	46.9	94	− 5	May 14†	Oct. 2
Centerhall	.....	.....	.....	.....	.....	.....	75.4	70.6	60.4	53.0	32.3	.....	.....	.....	.....	.....	Sept. 20†
Chambersburg	29.6	22.8	39.8	47.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 15†	.....
Coatesville	31.6	26.5	41.0	49.4	60.0	70.8	79.2	75.3	67.6	54.8	39.0	32.8	52.3	103	5	Apr. 12†	Sept. 26
*Confluence	28.4	22.7	36.8	44.4	55.6	68.6	76.7	72.4	†65.6	.....	.....	.....	.....	99	.....	May 16†	.....
*Derry Station	30.4	20.9	.....	46.4	62.0	70.6	78.7	.....	.....	.....	†35.3	30.6	.....	.....	− 3	Apr. 16	.....
Drifton	26.8	20.8	35.6	46.6	61.0	.....	74.0	†69.4	.....	.....	.....	.....	.....	.....	.....	Apr. 17†	Oct. 17
Dushore	24.4	16.6	32.5	43.2	55.2	65.3	73.4	68.0	58.9	47.9	31.6	25.1	45.2	98	−11	May 16	Sept. 20
Dyberry	23.4	16.4	31.1	.....	.....	.....	.....	.....	58.8	47.1	31.2	24.4	.....	.....	−15	.....	Sept. 20
East Mauch Chunk	28.3	22.5	36.1	48.0	59.4	69.8	77.4	72.0	64.6	51.2	36.2	28.8	49.5	102	− 6	Apr. 17	Oct. 6
Easton	29.8	23.7	38.4	49.0	60.4	70.8	78.4	74.2	66.2	52.9	35.3	30.2	50.9	99	2	.....	Oct. 25
Emporium	26.8	17.9	34.9	45.8	57.0	67.2	74.4	69.4	61.2	50.2	34.9	27.0	47.2	96	−17	May 7†	Oct. 4
Ephrata	30.7	24.6	39.8	49.1	60.5	70.6	78.5	75.0	66.9	55.0	38.1	30.6	51.6	102	5	.....	Oct. 7
*Erie	28.8	18.8	34.1	43.6	55.0	67.0	75.4	71.1	64.2	52.8	38.0	29.4	48.2	91	− 2	Apr. 21	Nov. 19
Everett	27.9	23.3	†41.0	†47.6	58.6	69.0	76.0	.....	†59.5	†50.8	†34.1	†27.2	.....	.....	− 3	Apr. 16	Sept. 19
Forks of Neshaminy (*a*)	29.0	24.6	38.4	47.9	58.5	70.9	76.8	†73.3	†65.0	†50.4	35.4	30.0	50.0	92	4	.....	.....
Franklin	28.4	17.4	36.3	46.0	57.4	67.0	74.1	69.8	62.8	51.6	36.4	28.8	48.0	95	−18	May 16†	Oct. 4†
Grampian	25.0	17.6	36.2	47.8	59.7	.....	.....	69.5	59.7	47.3	.....	.....	.....	.....	.....	Apr. 16†	Oct. 3
*Greensboro	31.9	26.9	39.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 27†	.....
Hamilton	.....	16.7	31.9	44.4	55.0	66.6	73.9	67.6	59.8	49.3	33.4	22.9	.....	95	.....	May 4†	Sept. 20
*Harrisburg	31.0	25.3	40.0	50.1	60.8	71.2	78.5	74.8	66.4	54.8	38.5	31.3	51.9	100	7	Mar. 30	Nov. 7
Hawthorn	29.0	20.1	36.8	47.2	.....	69.7	77.5	72.8	64.8	†52.6	34.6	27.8	.....	102	−18	Apr. 27†	Oct. 4†
Huntingdon	30.4	24.6	39.6	48.7	60.8	69.5	76.4	73.6	64.2	53.4	36.7	29.6	50.6	102	− 2	Apr. 17†	Oct. 4
*Johnstown	31.4	23.1	39.4	48.4	61.4	69.8	78.3	74.7	65.1	54 0	36.6	30.8	51.1	98	− 2	Apr. 12	Oct. 4
Kennett Square	31.8	26.4	41.2	49.8	60.0	70.3	78.4	74.8	66.8	55.2	38.8	32.6	52.2	101	6	.....	Oct. 19†
Lancaster	34.2	26.8	40.2	†49.6	.....	.....	.....	.....	.....	54.6	38.4	28.6	.....	.....	5	Apr. 12†	Oct. 26†
Lawrenceville	23.4	15.8	30.4	44.6	56.2	.....	.....	.....	60.2	48.4	31.8	26.2	.....	.....	−14	Apr. 26	Sept. 3†
Lebanon	30.0	24.6	39.0	49.0	59.6	70.0	78.2	73.7	66.2	53.4	37.4	31.0	51.0	101	3	Apr. 12†	Oct. 7†
Leroy	24.2	16.5	32.1	44.1	56.0	66.6	73.4	69.3	61.4	50.2	32.2	25.4	46.0	94	− 7	Apr. 13†	Oct. 4
Lewisburg	28.8	21.4	38.0	48.9	60.5	69.6	†77.4	72.6	64.2	52.2	36.4	27.3	49.8	100	− 8	Apr. 17†	Sept. 20
*Lockhaven	30.2	22.8	39.1	50.2	62.5	71.6	78.6	74.6	66.9	54.0	38.0	29.4	51.5	102	− 2	Apr. 17†	Oct. 25
Lycippus	29.6	20.0	38.4	45.0	58.8	68.2	76.2	†72.8	.....	.....	35.5	30.0	.....	.....	− 4	Apr. 22†	Oct. 18†
*Philadelphia	33.1	27.2	41.8	50.1	60.5	72.6	79.2	76.9	69.5	57.1	41.2	35.9	53.8	103	8	Mar. 29	Nov. 16
Philadelphia[2]	33.8	28.0	42.6	50.3	61.1	72.6	79.4	76.4	69.1	57.1	41.8	35.6	54.0	103	9	May 30†	Nov. 16†
Pocono Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.3	31.0	24.8	.....	.....	.....	.....	Sept. 20
*Pittsburg	32.5	24.6	41.6	49.1	62.0	71.8	78.9	75.0	66.5	56.7	39.2	33.0	52.6	98	2	Apr. 1†	Nov. 2
Pottstown	34.3	26.2	40.0	50.2	61.2	72.0	80.4	77.0	68.2	54.7	40.8	34.0	53.2	101	10	.....	Oct. 7
Quakertown	30.2	23.4	38.8	48.7	59.2	69.5	78.4	73.6	65.7	53.6	38.0	31.2	50.9	101	1	Apr. 27	Oct. 7
Reading (*b*)	29.4	24.2	38.1	49.9	60.7	72.2	78.0	73.9	64.8	51.2	36.6	30.2	50.8	.....	.....	.....	.....
Renovo	29.2	21.2	36.8	48.8	59.9	69.5	76.6	†71.3	63.3	52.0	36.5	27.6	49.4	97	− 4	Apr. 16†	Oct. 19†
Saegerstown	27.8	16.1	35.2	43.8	55.1	66.6	73.6	68.6	61.4	49.7	35.6	28.4	46.8	95	−22	May 15†	Oct. 4†
St. Marys	24.6	16.8	32.7	44.8	55.4	64.6	73.4	67.9	59.5	48.4	32.0	†24.2	45.4	94	− 8	Apr. 17†	Sept. 20†

[1] Observations for November and December, 1901, made at Pine, 9 miles northwest of Newbridge.

[2] John Comley.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Pennsylvania—Continued.																	
*Scranton	27.6	29.4	35.6	47.4	58.4	68.9	76.0	71.2	63.2	51.9	34.6	28.6	48.6	98	− 5	Apr. 2	Oct. 7
Selinsgrove	30.2	28.1	39.7	49.0	60.8	69.4	77.5	73.0	64.8	52.6	37.2	29.3	50.6	100	− 4	Apr. 28	Sept. 20
Shinglehouse	.....	.....	.....	46.2	56.2	66.4	[d]72.6	68.5	[f]61.6	.....	.....	.....	.....	94	.....	May 16†	.....
Smethport	25.2	16.3	31.8	43.9	54.4	65.0	72.0	67.6	59.8	48.2	32.8	26.2	45.3	95	−14	May 16†	Sept. 20†
Somerset	26.7	19.0	36.6	44.4	56.8	65.6	73.7	67.0	.....	.....	32.7	24.8	.....	98	−12	May 14†	Oct. 3
South Eaton	27.6	21.2	35.8	47.2	58.2	67.7	75.4	70.2	62.7	51.2	34.6	28.0	48.3	96	− 6	Apr. 17†	Sept. 20
State College	27.7	20.0	36.0	46.4	58.7	68.0	75.2	71.1	62.5	51.3	34.6	27.0	48.2	94	− 2	Apr. 12†	Sept. 20
Swarthmore	29.6	23.8	.....	50.4	60.1	72.3	78.2	74.3	66.1	[e]53.8	37.9	31.1	.....	99	7	.....	Oct. 25†
Towanda	26.8	18.2	34.0	46.0	57.4	67.7	74.8	69.8	61.8	50.1	34.2	26.8	47.3	95	−12	Apr. 27†	Oct. 7
Uniontown	33.0	25.0	42.2	48.1	60.0	70.4	77.8	73.8	65.0	54.6	37.3	31.6	51.6	95	1	Apr. 12†	Oct. 25†
*Warren	26.0	16.6	32.8	43.4	54.8	65.2	73.0	68.7	61.1	48.6	34.6	26.0	45.9	93	−11	May 16†	Oct. 4†
Wellsboro	27.7	19.6	34.7	45.8	57.5	66.6	74.2	69.0	62.6	50.6	34.2	27.0	47.5	96	−10	May 16†	Oct. 4
Westchester	31.2	25.2	40.8	49.6	59.7	70.8	78.4	74.9	66.9	55.0	39.0	32.6	52.0	100	7	.....	Nov. 6†
Westtown	29.8	24.4	38.8	.....	58.7	[e]65.2	.....	.....	[b]64.0	53.8	39.1	[g]32.8	.....	.....	5	.....	Oct. 4
*Wilkesbarre	28.6	22.5	36.0	48.2	59.2	70.9	78.2	72.2	63.1	51.2	35.6	29.5	49.6	101	− 2	Apr. 12	Oct. 7†
Williamsport	29.3	22.0	38.0	49.6	61.6	72.4	79.6	73.1	64.5	51.4	36.1	27.4	50.4	97	0	Apr. 2†	Oct. 7†
York	30.1	24.9	41.2	48.9	61.2	72.4	80.0	75.8	66.6	54.7	37.8	31.2	52.1	107	4	Apr. 12	Sept. 26
Rhode Island.																	
*Block Island	30.8	25.1	35.6	42.4	51.2	61.8	69.3	68.9	64.6	54.5	39.4	34.8	48.2	86	2	Mar. 31	Nov. 10
Bristol	29.4	24.8	36.4	44.8	54.2	64.4	72.0	71.7	65.3	54.4	38.4	32.6	49.0	87	1	Apr. 1	Nov. 5
Kingston	26.4	21.8	34.6	43.9	53.3	65.0	72.0	69.4	63.6	52.0	35.5	30.6	47.3	93	− 9	Apr. 14	Oct. 18
*Narragansett	27.7	23.2	34.8	43.8	52.8	64.0	71.8	69.6	63.9	51.9	37.2	31.5	47.7	90	− 4	Apr. 14	Oct. 26
Pawtucket	31.0	27.4	39.4	47.6	58.8	71.2	81.7	73.2	66.1	54.6	39.2	32.2	51.9	97	3	.....	.....
Providence[1]	28.6	24.4	37.8	46.4	57.9	71.7	77.9	74.6	66.5	54.5	38.1	32.6	50.9	99	− 3	Apr. 1	Nov. 5
Providence[2]	26.8	22.4	35.5	44.6	54.8	.....	74.4	71.4	65.1	53.4	36.6	31.6	.....	.....	− 6	.....	.....
South Carolina.																	
*Allendale	.....	.....	.....	59.2	73.4	79.0	83.3	80.6	76.8	66.1	52.4	.....	.....	99	.....	.....	.....
Anderson	.....	.....	.....	.....	.....	.....	82.1	77.9	72.3	64.2	49.0	42.7	.....	.....	.....	.....	.....
Barksdale	.....	.....	.....	.....	.....	.....	.....	.....	70.4	62.4	48.4	42.8	.....	.....	.....	.....	.....
*Batesburg	43.6	42.4	52.7	54.6	71.6	77.7	82.6	79.9	72.5	62.2	48.2	45.3	61.1	102	15	.....	Nov. 16†
Beaufort	50.8	49.2	56.8	60.5	73.8	78.7	81.5	80.5	77.8	67.8	58.8	49.4	65.0	98	20	May 17	Nov. 7
*Blackville	46.3	44.8	55.0	57.2	73.3	78.2	82.6	80.8	75.7	64.2	51.6	47.0	63.1	101	14	May 21	Nov. 16
Bowman	.....	.....	.....	.....	.....	.....	.....	.....	76.1	63.2	49.2	46.9	.....	.....	.....	.....	Oct. 19
*Charleston	49.9	47.5	56.6	59.2	72.9	77.2	81.2	80.6	77.2	66.7	53.2	48.6	64.2	96	21	Mar. 7	Nov. 16
*Cheraw	43.9	41.6	53.8	54.6	70.6	76.2	80.4	78.5	72.2	60.8	45.2	42.0	59.9	96	12	Mar. 22	Nov. 7
Clemson College	41.4	40.8	48.6	54.0	68.8	75.8	80.6	76.0	70.2	60.3	44.9	39.0	.....	.....	.....	Mar. 22	Nov. 5
*Columbia	45.8	43.0	54.0	56.2	72.0	78.0	81.8	79.1	73.6	63.1	49.0	44.6	61.7	100	16	Mar. 22	Nov. 7
*Conway	.....	.....	.....	.....	.....	.....	.....	.....	75.8	64.0	48.0	46.2	.....	.....	.....	Mar. 22	Nov. 7
Darlington	.....	.....	.....	.....	.....	.....	.....	.....	74.8	62.9	46.8	43.4	.....	.....	.....	Mar. 22	Nov. 6
Due West	.....	.....	.....	.....	.....	.....	.....	.....	71.5	61.4	48.0	42.6	.....	.....	.....	.....	Nov. 16
*Florence	44.3	42.0	52.9	56.3	73.4	77.6	82.6	80.6	74.0	62.0	[h]46.4	43.2	61.3	98	17	Mar. 17	Nov. 15
Gaffney	.....	.....	.....	.....	.....	.....	.....	.....	.....	61.2	45.5	39.4	.....	.....	.....	Mar. 22	Nov. 7
Georgetown	45.7	44.8	56.0	59.6	71.6	76.3	82.2	80.3	.....	63.4	50.8	47.2	.....	97	19	Mar. 17	Nov. 7
Gillisonville	48.1	46.7	56.4	57.5	73.4	78.4	81.8	80.0	76.0	68.0	50.5	47.2	63.2	101	13	Mar. 22	Oct. 20
*Greenville	40.8	39.2	47.7	51.7	66.9	72.0	77.9	74.2	67.6	60.8	43.2	36.9	56.6	93	6	Mar. 23	Nov. 6
*Greenwood	43.5	40.4	50.6	53.8	70.8	77.3	81.7	78.9	70.6	62.5	46.9	41.0	59.8	101	13	Mar. 22	Nov. 6
*Kingstree	45.8	43.8	53.9	56.4	70.9	75.8	80.3	77.8	72.8	60.8	48.7	43.6	60.9	94	12	Mar. 22	Nov. 7
Liberty	42.3	40.2	49.5	52.0	65.9	72.6	79.1	76.8	70.2	58.8	44.6	40.0	57.7	95	2	Apr. 4	Nov. 6
Little Mountain	45.2	43.4	54.0	55.7	71.9	77.7	82.8	79.1	73.0	62.2	48.2	43.8	61.4	100	15	Mar. 22	Nov. 13
Longshore	44.2	42.2	52.6	54.5	71.0	77.4	82.9	78.9	72.2	62.3	47.4	42.2	60.6	102	11	Apr. 22	Nov. 7
Lugoff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.4	43.5	.....	.....	.....	.....	Oct. 19
McCall	44.1	42.2	54.1	56.5	72.0	76.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 24	.....
Pinopolis (*a*)	45.9	44.6	55.2	57.3	71.3	75.4	79.4	77.5	73.9	62.2	48.2	47.0	61.5	94	20	Mar. 17	Nov. 7
*St. George	46.1	43.6	53.8	57.0	72.8	77.1	81.2	79.3	73.8	62.5	49.3	44.2	61.7	96	16	Mar. 17	Nov. 7
*St. Matthews	46.8	44.7	54.2	57.6	72.8	77.0	81.7	79.6	74.4	62.8	49.1	44.4	62.1	98	14	Mar. 17	Nov. 7
Santuck	43.4	42.0	52.2	53.6	70.4	76.1	81.4	77.7	71.0	59.4	44.8	40.8	59.4	100	10	Mar. 22	Nov. 6
Selvern	.....	.....	.....	.....	.....	.....	.....	.....	74.3	61.2	47.1	.....	.....	.....	.....	.....	Oct. 19
Shaws Fork	45.6	46.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 8	.....
Societyhill	43.2	41.8	53.8	56.0	71.6	77.0	81.4	79.7	73.0	61.5	46.5	43.0	60.7	96	14	Mar. 21	Nov. 6
*Spartanburg	40.4	40.0	50.0	54.8	70.0	75.6	81.6	77.6	70.4	60.6	46.2	38.6	58.8	98	7	Mar. 21	Nov. 6†
Statesburg	47.0	44.6	56.0	57.2	72.9	77.6	81.3	79.6	74.0	64.1	50.0	46.4	62.6	97	16	Mar. 22	Nov. 16
Summerville	47.8	45.8	55.8	57.6	72.2	75.8	79.4	77.4	74.2	63.1	49.6	47.6	62.2	93	16	Mar. 21	Nov. 15
Temperance	44.2	42.3	53.0	55.4	72.0	77.4	81.2	78.8	75.0	61.8	46.7	44.6	61.0	100	7	Mar. 21	Nov. 7
Trenton	48.1	45.4	57.2	57.8	73.6	78.3	82.3	79.2	73.8	64.6	50.8	47.2	63.2	96	14	Mar. 17	Nov. 16
Trial	47.0	42.2	52.4	53.8	69.6	74.2	79.0	76.6	72.4	61.2	46.0	46.2	60.0	95	11	Apr. 22	Oct. 19
Walhalla	41.6	41.0	49.7	53.0	67.2	74.0	77.9	74.2	68.2	58.2	44.5	37.9	57.3	95	5	Apr. 10	Nov. 6
Winnsboro	44.6	43.0	51.0	53.7	71.0	77.2	82.8	78.8	72.6	62.5	48.1	41.0	60.5	100	13	Mar. 22	Nov. 15
Winthrop College	42.1	40.8	52.2	54.0	69.7	73.2	81.0	75.1	71.2	61.3	45.9	41.8	59.0	96	11	Mar. 22	Nov. 6
*Yemassee	47.5	45.8	54.5	57.6	74.0	79.2	82.6	81.0	76.0	63.8	51.2	45.5	63.2	100	16	Mar. 17	Nov. 7
Yorkville	44.6	44.0	54.8	56.3	71.7	78.1	82.7	78.8	71.6	63.4	48.6	42.6	61.4	99	12	Mar. 22	Nov. 6
South Dakota.																	
*Aberdeen	13.4	12.2	.....	45.8	61.5	65.8	77.3	71.2	56.7	47.4	26.9	10.8	.....	107	−28	June 7	Sept. 19
Academy	25.4	19.2	34.8	50.0	61.4	66.8	81.2	73.8	60.6	54.0	37.2	21.9	49.0	110	−22	May 25	Sept. 18
Alexandria	20.6	17.5	32.4	49.8	60.2	67.6	79.4	73.6	59.6	52.7	32.8	18.4	47.0	107	−26	May 25	Sept. 18
Armour	22.4	.....	.....	.....	.....	.....	79.4	74.6	60.9	51.9	39.7	22.0	.....	.....	.....	May 25	Sept. 17
Ashcroft	22.0	18.2	32.9	48.1	62.6	61.1	75.8	69.4	54.6	50.7	36.6	23.0	46.2	109	−29	May 24	Sept. 16
Bad Nation	26.8	18.9	[e]34.1	50.1	62.8	[d]67.4	.....	[e]73.3	61.2	[e]52.2	37.4	24.1	.....	.....	−22	May 25	Sept. 17
Bowdle	14.7	11.3	27.1	47.3	59.2	63.6	76.2	70.2	53.4	49.4	26.4	13.2	42.7	109	−29	June 6	Sept. 16
Brookings	16.8	13.8	29.2	47.1	57.9	65.9	76.2	70.4	57.6	48.8	30.2	15.2	44.0	103	−26	June 7	Sept. 20
Bulkley	.....	.....	30.3	49.0	60.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canton	21.2	18.0	34.8	50.4	59.0	69.1	81.2	73.8	61.8	53.0	35.0	17.4	47.9	106	−34	May 25	Oct. 4
Chamberlain	25.2	19.3	34.7	52.0	65.1	69.7	81.6	74.4	60.6	53.5	37.0	20.7	49.5	109	−20	Apr. 18	Sept. 18
Clark	18.7	13.8	31.2	[e]46.3	[d]58.4	64.6	75.2	70.4	55.8	50.3	31.3	12.8	44.1	105	−32	June 7	Sept. 18
Deemet	17.9	15.6	32.6	48.7	58.6	65.4	76.2	70.8	57.6	50.4	32.2	15.0	45.1	106	−26	June 6	Sept. 16

[1] City engineer.

[2] Ladd Observatory.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
South Dakota—Cont'd.																	
Doland	17.4	13.9	31.6	47.4	58.4	67.0	77.3	71.6	°58.9	51.4	31.2	16.4	45.2	108	−26		
Elkpoint	23.7	19.6	35.6	51.3	62.0	71.1	81.2	75.4	64.0	55.2	36.8	19.4	49.6	103	−31	Apr. 18	Sept. 18
Faulkton	18.4	15.2	30.7	47.1	60.4	65.7	77.0	71.4	56.8	50.7	31.5	17.2	45.2	105	−23	June 7	Sept. 17
Flandreau	15.7	13.9	30.6	48.6	57.2	65.2	76.6	71.2	58.1	50.5	30.9	15.5	44.5	102	−29	June 7	Sept. 17
Forestburg	19.8	13.6	32.5	49.8	60.8	68.6	80.4	74.4	58.8	52.8	32.6	16.4	46.7	112	−27	June 7	Sept. 17
Fort Meade	27.0	19.0	33.0	46.4	61.8	61.9	75.6	71.2	55.6	51.6	39.0	d31.3	47.7	105	−22	Apr. 18	Sept. 17
Fort Randall	.....	20.1	34.4	b50.0	°62.8	f69.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gannvalley	20.3	15.0	.....	.....	.....	68.8	81.2	74.8	59.0	52.5	34.4	18.6	.....	110	23	May 25	Sept. 17
Gary	17.2	15.0	35.2	46.6	58.2	65.6	78.4	71.1	57.9	53.8	27.2	14.2	45.0	106	−26	June 7	Sept. 20
Grand River School	20.6	15.7	32.0	49.3	62.3	65.8	77.7	72.7	57.0	50.8	32.4	17.8	46.2	108	−28	June 7	Sept. 17
Greenwood	27.1	21.6	36.7	51.8	63.4	70.6	.....	f77.2	64.8	56.0	39.6	22.8	.....	.....	−26	Apr. 18	Sept. 18
Hartman	18.6	16.2	31.2	47.2	58.6	°65.8	78.2	72.7	59.0	51.5	33.0	16.2	45.7	101	−30	June 7	Sept. 20
Highmore	19.8	14.0	31.7	46.8	61.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 7	Sept. 16
Hotch City	24.7	18.0	34.3	49.2	60.9	67.0	.....	.....	d58.2	53.4	36.7	21.7	.....	.....	−25	May 26	Sept. 17
Howard	19.0	17.4	31.4	46.9	56.0	.....	.....	70.0	57.8	.....	.....	.....	.....	.....	.....	June 7	Sept. 17
*Huron	19.8	15.8	32.4	49.1	59.6	67.0	78.0	72.6	58.6	51.5	32.2	17.4	46.2	108	−22	June 7	Sept. 18
Interior	26.3	18.0	35.6	51.2	66.8	.....	.....	.....	.....	54.4	40.0	°24.4	.....	.....	−30	May 12	Sept. 15
Ipswich	15.6	12.6	30.0	47.4	60.4	66.6	77.8	72.8	58.4	49.0	29.0	15.8	44.6	115	−25	June 7	Sept. 17
Kimball	23.0	18.2	34.2	49.2	.....	67.8	78.8	f72.8	f57.9	52.6	35.2	19.3	.....	107	−20	May 12	Sept. 17
Leola	13.6	11.7	29.8	44.0	56.9	°61.6	73.6	70.2	55.1	50.6	28.2	10.9	42.2	105	−31	June 7	Sept. 17
Leslie	26.0	16.6	°32.2	51.2	64.4	67.6	83.0	75.6	59.9	53.2	35.4	19.2	48.7	114	−28	.....	.....
Marion	.....	.....	.....	.....	60.0	68.2	80.2	73.8	60.4	53.5	33.6	18.6	.....	106	.....	May 25	Sept. 17
Mellette	20.3	16.0	32.8	50.4	60.8	.....	°77.6	.....	58.6	51.3	33.0	17.4	.....	.....	−23	May 12	Sept. 18
Menno	21.9	17.1	34.1	50.3	60.2	69.2	81.2	73.6	61.6	52.4	34.0	18.2	47.8	108	−27	June 7	Sept. 17
*Millbank	16.6	12.2	30.0	46.1	59.2	65.4	77.2	70.8	57.6	53.1	29.3	17.6	44.6	107	−26	June 7	Sept. 20
*Mitchell	24.2	19.0	36.0	50.0	60.2	69.5	79.4	73.4	60.0	53.4	34.8	°21.8	48.5	109	−24	May 25	Sept. 18
Mound City	17.8	13.3	30.6	47.9	61.0	65.0	76.8	70.8	58.0	50.3	31.6	15.3	44.9	108	−30	June 7	Sept. 18
Oelrichs	27.8	17.6	32.1	47.2	59.4	64.0	78.4	73.4	58.4	49.8	39.6	24.4	47.7	108	−42	May 11	Sept. 17
*Pierre	24.5	17.9	34.4	51.4	64.8	69.0	82.5	75.2	60.3	54.5	36.2	22.2	49.4	108	−19	May 12	Sept. 18
Pine Ridge	.....	16.6	34.4	49.2	59.9	64.0	79.5	73.8	60.1	.....	40.0	24.4	.....	105	.....	June 6	Sept. 17
Plankinton	21.2	16.6	31.7	49.3	59.4	68.4	79.0	72.8	58.4	51.1	31.4	17.8	46.4	108	−25	June 6	Sept. 16
*Rapid City	27.4	20.5	33.8	48.1	60.8	61.7	76.3	71.6	57.0	52.5	40.8	26.8	48.1	101	−24	Apr. 14	Sept. 18
*Redfield	20.6	16.2	32.9	46.6	59.0	66.2	76.7	71.0	56.8	49.4	30.2	16.2	45.2	106	−26	June 7	Sept. 18
Rochford	24.7	18.7	28.6	39.6	52.6	55.0	68.4	63.0	52.2	44.8	35.4	22.1	42.1	98	−35	June 7	Sept. 17
Rosebud	24.0	18.7	35.8	49.3	59.2	.....	79.4	73.8	58.2	50.8	40.4	23.9	.....	.....	−24	May 20	Sept. 17
St. Lawrence	20.5	19.1	.....	49.0	.....	b66.1	80.5	71.9	57.8	54.2	35.0	18.8	.....	110	−28	June 7	Sept. 17
Sioux Falls	17.0	.....	.....	49.0	58.2	67.7	79.9	73.4	59.8	53.6	°34.6	16.6	.....	102	.....	May 25	Sept. 17
Sisseton Agency	°14.6	11.9	27.4	46.0	57.8	63.9	a72.8	70.5	56.8	50.5	°28.8	14.8	43.0	99	−29	May 12	Sept. 28
Spearfish	28.9	20.4	31.8	47.3	60.2	58.8	74.5	69.8	55.4	53.3	40.4	27.5	47.4	101	−17	May 5	Sept. 17
Tyndall	24.5	19.2	°33.6	.....	.....	b69.0	83.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermilion	25.4	20.0	35.9	51.4	61.7	71.3	83.9	76.0	63.2	55.3	36.8	19.4	50.0	108	−26	May 25	Sept. 18
Watertown	16.0	12.1	28.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waubay	11.6	9.3	26.0	45.7	57.4	63.7	73.3	67.2	54.4	47.7	28.4	13.8	41.5	100	−31	June 7	Sept. 17
Wenthworth	18.9	15.2	31.5	47.8	°57.6	66.1	77.3	71.8	59.5	50.9	31.6	15.9	45.3	102	−27	June 7	Sept. 18
Wessington Springs	.....	.....	.....	.....	.....	63.2	74.6	69.4	.....	.....	.....	18.4	.....	.....	.....	June 7	.....
*Yankton	24.8	19.8	36.0	51.3	61.4	70.2	82.6	75.4	62.2	55.5	(1)	.....	.....	105	.....	Apr. 18	Sept. 18
Tennessee.																	
Andersonville	36.8	32.8	[46.0]	50.0	62.4	75.2	79.3	73.1	66.3	57.5	42.6	35.2	[54.8]	100	− 6	Apr. 22	Nov. 5
*Arlington	.....	.....	.....	55.5	66.4	78.6	83.7	78.9	70.6	60.7	.....	.....	.....	107	.....	.....	.....
Ashwood	41.2	37.5	50.5	53.6	64.2	77.2	83.4	76.0	68.8	59.0	44.4	36.0	57.6	106	− 3	Apr. 21	Nov. 4†
Benton	40.8	38.3	50.4	52.4	65.0	75.8	80.0	75.4	68.9	58.9	43.6	38.4	57.3	99	2	Apr. 4	Oct. 15
*Bolivar	42.0	37.8	49.2	54.8	66.2	78.2	83.6	77.4	69.5	59.6	44.7	°34.8	58.2	106	− 2	Mar. 22	Nov. 13
Bristol	34.7	31.0	43.6	48.8	62.4	71.6	76.4	72.0	65.9	54.4	37.7	32.2	52.6	95	− 8	Apr. 23	Oct. 14†
*Brownsville	.....	.....	.....	53.0	66.2	79.2	83.4	77.2	69.2	60.0	.....	.....	.....	107	.....	.....	.....
Byrdstown	37.8	34.3	47.8	51.2	64.0	74.0	78.8	72.7	67.6	57.6	40.4	34.4	55.0	99	− 9	Apr. 20	Oct. 18
*Carthage	.....	34.6	.....	.....	66.0	77.4	81.6	76.4	69.9	60.0	44.1	35.0	.....	103	.....	Mar. 23	Nov. 2†
*Chattanooga	41.6	39.2	49.8	54.4	67.1	76.8	81.8	75.9	69.4	60.6	46.2	37.6	58.4	100	5	Mar. 22	Nov. 6
*Clarksville	39.2	36.4	49.6	53.2	65.0	77.2	83.8	76.6	69.2	59.5	44.3	34.2	57.4	104	− 5	Mar. 21	Nov. 4
*Covington	.....	.....	.....	57.8	69.8	78.5	83.0	78.3	70.0	61.2	47.2	36.4	.....	105	.....	.....	Nov. 4
Decatur	40.0	38.0	49.4	53.0	65.3	75.5	81.2	75.6	68.2	58.6	43.2	36.5	57.0	103	1	Apr. 4	Oct. 15†
Dickson	40.1	36.0	49.6	53.4	65.8	79.3	[82.0]	°77.4	68.6	°59.7	43.8	35.2	[57.6]	102	− 8	Apr. 4	Oct. 4
Dover	39.2	34.4	48.8	54.3	65.0	°81.5	.....	b76.8	k66.6	59.2	44.0	35.4	.....	.....	− 9	Apr. 21	Oct. 25†
*Dyersburg	.....	.....	.....	56.9	67.4	80.2	°85.1	79.0	70.8	60.2	.....	.....	.....	107	.....	.....	.....
Elizabethton	36.2	32.7	45.5	48.2	62.2	74.6	77.4	71.8	65.0	55.4	39.7	33.1	53.5	98	−12	Apr. 23	Oct. 4
Elk Valley	°38.2	.....	46.1	48.9	62.2	72.8	77.5	72.4	67.0	.....	.....	.....	.....	99	.....	Apr. 22	.....
Erasmus	36.4	33.0	44.8	48.5	59.4	70.0	74.2	70.2	63.0	54.7	[38.0]	33.4	52.1	96	−15	Apr. 4	Oct. 15
Florence	40.1	36.6	50.0	52.6	64.6	76.2	81.4	75.2	68.0	58.5	43.4	35.2	56.8	100	− 3	Apr. 4	Nov. 4†
Franklin	39.9	36.6	49.8	53.2	64.6	76.6	81.4	74.8	68.0	57.8	42.9	35.0	56.7	100	− 2	Mar. 22	Nov. 4†
Grace	38.2	35.6	44.9	52.8	67.7	79.6	83.6	79.0	70.6	58.1	45.2	.....	.....	104	.....	Apr. 21	Oct. 15
Greeneville	36.8	33.7	46.7	48.2	62.6	71.8	76.6	72.3	65.2	55.8	40.6	34.8	53.8	97	− 8	Apr. 24	Oct. 15
Harriman	38.8	36.2	47.4	52.0	66.2	74.8	79.4	74.6	67.0	57.4	41.8	34.4	55.8	99	0	Apr. 20	Oct. 15†
Hohenwald	38.1	36.6	49.8	53.9	64.8	77.2	81.0	75.0	67.6	57.2	43.4	34.2	56.6	104	− 6	Apr. 21	Oct. 15
Iron City	40.8	38.5	50.8	55.0	64.8	75.3	80.5	75.8	68.5	60.0	44.6	36.7	57.6	104	− 5	Apr. 4	Nov. 8†
Jackson	43.8	40.4	51.0	d56.8	.....	°79.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 7	.....
*Johnsonville	40.4	36.4	50.0	54.1	64.5	77.2	82.4	77.3	71.9	60.5	44.2	34.6	57.8	107	− 8	Apr. 8	Oct. 15
Jonesboro (a)	34.9	32.5	45.3	48.3	62.4	72.1	76.7	71.0	64.8	52.4	39.2	33.8	52.8	92	−10	Apr. 16	Nov. 5
*Knoxville	39.0	36.4	47.6	51.4	65.6	74.8	80.8	75.2	68.1	58.4	42.8	35.0	56.2	98	0	Mar. 20	Nov. 5
Lafayette	37.6	32.6	43.6	47.2	63.0	76.6	81.8	.....	66.9	57.0	.....	33.4	.....	.....	− 5	Apr. 20	Oct. 18
Lewisburg	40.6	37.2	50.0	53.2	65.4	77.6	82.4	76.5	68.4	59.4	44.4	36.4	57.6	104	− 3	Mar. 21	Nov. 5
Liberty	.....	.....	50.7	54.1	68.4	76.6	81.7	75.2	69.9	°58.9	44.4	34.8	.....	104	.....	Apr. 10	Oct. 15†
Lynnville	40.8	38.6	49.6	52.9	65.2	76.0	80.6	74.8	67.8	58.7	43.6	35.0	57.0	102	− 2	Apr. 4	Nov. 4†
McKenzie	41.4	37.6	.....	.....	.....	.....	.....	.....	.....	.....	45.9	33.6	.....	.....	− 5	.....	Nov. 8
McMinnville	40.9	37.5	50.8	53.5	.....	.....	.....	74.8	.....	.....	.....	.....	.....	.....	.....	Apr. 3	.....
Maryville	39.7	38.0	50.0	51.4	66.2	76.1	81.6	76.0	68.9	58.6	42.8	36.2	57.1	104	− 2	Mar. 26	Oct. 15
*Memphis	46.4	41.6	51.7	59.0	68.7	80.3	84.2	79.2	72.4	64.8	50.7	37.8	61.4	104	2	Mar. 21	Nov. 13

[1] Station destroyed by fire November 28, 1901.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Tennessee—Continued.																	
*Milan				55.0	66.8	79.9	85.4	77.8	70.5	61.0				107			
*Nashville	40.0	37.0	49.9	53.7	66.3	78.5	83.4	76.4	70.0	60.6	45.2	34.6	58.0	102	— 2	Mar. 21	Nov 4
Newport	38.6	36.2	47.6	50.9	65.0	74.5	79.3	74.2	67.7	56.8	41.8	35.0	55.6	97	— 5	Apr. 21	Nov. 6
Nunnelly	40.0	37.3	50.2	53.6	65.4	76.6	81.6	76.6	68.4	[59.0]	†46.4	36.2	[57.6]	104	— 5	Apr. 8	Nov. 16
Oakhill	39.8	35.0	48.2	51.2	64.0	.....	78.1	72.8	67.1	56.4	41.6	.....	.....	.....	.....	Apr. 16	Nov. 5
Palmetto	40.4	37.8	50.8	53.4	65.6	77.7	82.5	76.4	69.6	60.5	45.1	36.4	58.0	101	— 3	Apr. 21	Nov. 6
Peryear (*c*)	42.5	35.6	48.6	53.5	66.6	76.4	84.4	77.2	70.2	61.4	43.6	34.1	57.8	104	— 6	Mar. 21	Nov. 12
Pope	*40.2	36.8	51.4	55.2	65.0	76.3	82.8	77.6	69.3	59.0	44.4	36.3	57.9	106	— 6	Apr. 4	Oct. 15†
*Rogersville	36.2	34.0	45.9	50.2	62.8	72.0	77.0	72.2	65.6	56.4	40.8	34.0	53.9	94	— 5	Apr. 22	Oct. 15
Rugby	36.0	31.8	45.5	‡45.0	*60.4	72.4	77.2	71.8	64.4	55.0	38.8	32.8	52.6	99	—18	Apr. 22	Oct. 15
Savannah	43.2	39.8	52.4	55.9	66.4	78.2	83.4	78.0	70.6	60.8	46.4	37.8	59.4	104	0	Apr. 8	Nov. 4†
Sewanee	38.1	35.0	46.6	50.7	62.8	72.8	77.6	71.6	64.7	55.5	.....	.....	.....	96	.....	Apr. 21	Nov. 4†
Silverlake	33.7	29.2	.....	.....	.....	66.9	71.6	67.9	61.1	50.8	36.2	34.0	.....	.....	— 9	Apr. 24	Oct. 4
Springdale	38.4	34.6	44.8	50.2	62.9	73.4	77.9	73.4	66.4	55.7	40.4	34.4	54.4	100	—11	Apr. 22	Oct. 5
Springfield	38.8	35.6	49.6	52.4	64.8	76.7	83.0	.....	69.2	.....	.....	.....	.....	.....	.....	Apr. 21	.....
Tellico Plains	42.0	39.1	50.7	52.6	65.4	75.0	79.8	75.0	68.5	58.7	43.8	39.0	57.5	100	— 2	Apr. 20	Oct. 15†
Tracy City	37.8	35.0	46.4	50.0	63.5	73.6	77.6	71.6	64.5	55.6	41.6	33.6	54.2	103	— 4	Apr. 21	Nov. 4
Trenton	.....	.....	.....	.....	.....	.....	.....	79.2	70.4	.....	45.6	35.9	.....	.....	.....	.....	Nov. 4
Tullahoma	38.7	36.3	49.6	52.2	62.9	73.8	78.6	73.6	65.8	56.9	43.2	34.6	55.5	100	— 4	Mar. 22	Oct. 15
Union City	40.0	36.4	.....	.....	65.5	79.1	83.7	77.5	70.7	60.8	48.5	†36.2	.....	107	— 8	Apr. 20	Nov. 4†
Waynesboro	40.0	37.3	50.0	54.6	66.8	75.7	80.8	75.2	67.2	57.6	44.1	34.6	56.9	102	— 6	Apr. 8	Oct. 15†
Wildersville	42.0	39.0	51.2	55.4	64.7	76.1	81.4	76.2	68.7	59.2	45.8	*36.5	58.0	100	— 3	Mar. 21	Nov. 4†
Yukon	40.1	38.0	50.6	55.6	66.6	76.3	81.2	75.1	68.2	60.1	46.7	*36.2	57.9	101	— 3	Apr. 1	Nov. 4†
Texas.																	
*Abilene	49.2	43.0	55.8	62.5	70.8	82.0	84.6	84.8	76.4	69.3	56.6	45.2	65.0	103	9	.....	Nov. 4
Albany	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54.9	43.0	.....	.....	.....	.....	Nov. 4†
*Amarillo	40.0	33.8	45.0	53.8	61.6	73.2	77.2	76.4	67.7	59.4	48.2	37.0	56.1	97	— 1	Apr. 17	Nov. 12
Anna	‡48.5	44.8	†53.0	60.2	*70.9	81.6	‡86.2	.....	.....	.....	53.3	.....	.....	.....	.....	Apr. 3†	Oct. 14
Austin[1]	53.3	49.4	58.4	*60.7	72.2	81.3	82.5	82.0	76.1	70.0	*60.7	†48.2	66.3	103	17	Mar. 6	Dec. 13†
Austin[2] (*e*)	50.7	46.7	58.0	63.3	72.2	80.1	83.0	85.8	76.8	69.4	58.7	46.7	66.0	104	12	.....	.....
*Ballinger	47.2	41.8	53.2	61.4	71.2	82.8	87.4	85.2	77.1	68.9	55.8	44.8	64.7	107	9	Apr. 6†	Dec. 9†
Bastrop	.....	.....	57.8	66.6	.....	.....	.....	.....	82.1	72.2	62.0	48.6	.....	.....	.....	.....	Dec. 9†
*Beaumont	58.0	52.9	60.2	65.8	75.9	80.3	81.0	85.6	77.6	69.0	59.7	50.4	69.8	104	22	Feb. 22†	Dec. 9†
*Beeville	.....	.....	.....	.....	73.7	80.4	82.4	83.6	77.1	71.5	63.0	53.2	.....	105	.....	.....	Dec. 3†
Blanco	48.4	44.2	53.7	60.6	70.9	79.6	82.9	83.6	*75.4	68.5	55.0	40.5	63.6	102	10	Mar. 6†	Nov. 6†
Boerne (*a*)	52.3	48.3	56.4	64.4	.....	81.2	82.8	83.7	76.0	70.0	59.5	48.7	.....	101	10	Mar. 6†	Dec. 3
Bowie	48.2	42.8	55.2	62.1	72.9	82.6	87.6	85.2	78.8	69.6	56.3	46.3	65.6	109	7	Apr. 6	Nov. 4†
Brazoria	56.8	53.8	61.0	.....	74.6	81.0	†83.0	83.0	*77.5	*70.2	62.2	52.4	.....	97	23	Mar. 15†	Dec. 14
*Brenham	54.6	50.4	62.0	65.8	73.7	82.2	84.6	86.5	78.5	70.7	62.6	51.4	68.6	103	16	Mar. 6†	Dec. 9
Brighton	58.4	56.0	64.4	69.2	76.8	81.8	*83.6	84.1	80.1	75.4	67.1	*58.0	71.2	98	24	Feb. 23†	Dec. 9
Brownwood	50.1	47.8	56.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burnet	53.1	48.7	59.2	66.0	.....	.....	*79.4	85.8	76.6	68.6	58.1	48.4	.....	.....	8	.....	Nov. 5†
Camp Eagle Pass	54.8	52.4	62.2	69.3	76.2	83.0	87.1	88.4	81.2	74.3	62.0	49.1	70.0	109	16	Mar. 5†	Nov. 3
Coleman	50.9	45.5	58.0	61.0	.....	.....	82.6	.....	75.8	†70.8	58.0	47.1	.....	.....	10	Mar. 6†	Dec. 8†
College Station	.....	.....	.....	.....	.....	.....	82.0	83.6	75.2	66.4	54.8	.....	.....	.....	.....	.....	Nov. 4†
Colorado	*49.2	*43.4	†54.0	‡63.2	‡72.6	*85.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Columbia	55.2	52.1	61.6	64.4	73.4	81.0	82.2	82.2	75.7	68.0	59.8	51.6	67.3	101	20	Mar. 6	Dec. 3†
Comanche	.....	.....	.....	62.7	72.2	82.2	83.0	85.4	75.9	68.5	56.2	48.2	.....	106	.....	Apr. 6†	Nov. 16
*Corpus Christi	57.8	56.5	66.1	69.2	75.0	80.9	82.4	83.8	79.2	74.6	66.8	56.4	70.7	98	20	Feb. 24	Dec. 15
*Corsicana	50.1	45.6	55.2	59.6	71.0	79.8	86.8	85.6	75.0	66.6	56.6	45.2	64.8	105	8	Mar. 6	Nov. 4
Cotulla	.....	.....	.....	.....	.....	.....	87.4	90.2	86.1	78.8	67.2	54.1	.....	.....	.....	.....	Dec. 15
*Cuero	55.0	52.0	61.8	65.5	76.6	83.8	86.8	88.6	80.6	74.1	65.6	52.5	70.2	104	18	Mar. 5†	Dec. 10†
*Dallas	49.0	43.9	55.4	60.6	71.2	81.6	86.4	84.8	76.8	68.3	55.9	42.7	64.7	106	15	Mar. 6	Nov. 17†
Danevang	56.1	54.0	60.7	65.8	74.2	81.8	83.6	83.8	77.2	70.3	62.2	52.8	68.5	101	5	Mar. 6†	Dec. 15
*Dublin	54.8	.....	.....	.....	73.7	81.5	85.0	84.6	75.8	68.5	54.6	43.8	.....	105	.....	Mar. 6,	Dec. 13
Duval	54.1	49.5	60.2	64.3	72.9	80.7	84.0	86.1	76.6	70.5	60.2	50.6	67.5	104	18	Mar. 6†	Dec. 14†
*El Paso	47.0	49.7	54.4	61.2	72.6	79.5	81.1	82.1	76.2	64.8	55.0	46.8	64.2	103	19	Mar. 20†	Dec. 2
Estelle	50.2	45.0	56.8	62.8	71.4	82.6	86.6	86.1	78.5	69.6	56.6	46.3	66.0	107	9	Apr. 3	Nov. 4
Fort Brown	56.8	56.6	67.4	70.2	.....	82.2	.....	.....	80.5	73.8	.....	.....	.....	.....	.....	Mar. 5†	Nov. 15†
Fort Clark	.....	.....	.....	.....	74.2	85.8	86.1	86.8	82.0	72.5	62.0	51.4	.....	105	.....	.....	Dec. 9†
Fort McIntosh	.....	.....	.....	72.8	82.2	87.6	86.3	90.0	85.4	78.6	68.1	56.8	.....	106	.....	.....	Dec. 9
Fort Ringgold	†64.2	62.0	72.0	76.2	81.5	86.0	88.2	92.8	85.8	82.5	74.2	60.6	77.2	103	26	Feb. 24†	Dec. 15†
*Fort Worth	50.8	45.0	56.7	62.6	71.5	82.0	85.2	85.5	77.4	70.4	57.3	46.5	65.9	108	9	Mar. 6†	Dec. 3
Fredericksburg	‡51.4	‡50.0	55.4	*63.4	.....	82.0	.....	84.2	75.1	68.4	59.1	*47.8	.....	.....	11	Mar. 5†	Nov. 5†
Gainesville	†45.8	‡41.2	*52.4	*60.2	69.6	79.8	85.6	82.6	*75.7	68.1	*54.7	*41.2	63.0	106	8	Apr. 6†	Nov. 4
*Galveston	57.1	54.6	61.4	66.2	74.6	81.7	83.2	83.9	77.8	72.7	63.7	53.2	69.2	98	25	None.	Dec. 14
Grapevine	51.9	44.8	59.5	63.6	73.2	82.2	‡86.7	87.2	†77.6	‡70.0	*57.9	*47.0	66.8	108	9	Mar. 5	Nov. 4
Greenville	49.7	44.0	55.3	61.4	*71.1	*82.1	87.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hale Center	47.0	40.0	.....	57.8	67.2	76.3	77.4	78.2	71.6	64.7	53.6	41.2	.....	102	3	Apr. 2†	Nov. 4†
Hallettsville	56.0	52.4	64.6	67.2	76.2	83.4	85.0	86.0	78.6	71.6	63.8	53.5	69.9	104	19	Mar. 6†	Dec. 10†
Haskell	47.4	40.4	54.7	63.5	72.8	85.2	88.6	87.6	79.2	69.4	56.3	42.6	65.6	115	6	Apr. 6†	Nov. 15
*Hearne	.....	.....	.....	.....	76.7	84.3	87.3	87.3	80.3	73.6	.....	.....	.....	104	.....	.....	.....
*Henrietta	.....	45.2	55.4	60.8	70.8	81.8	87.4	85.7	79.0	71.1	55.4	42.8	.....	110	.....	Mar. 5†	Nov. 16†
*Houston	.....	51.3	60.0	.....	74.8	82.2	84.3	84.5	77.6	69.6	60.8	51.9	.....	100	.....	Mar. 7†	Dec. 10†
*Huntsville	53.0	48.5	56.7	63.0	72.3	82.2	84.4	85.4	77.0	68.6	58.8	*49.2	66.8	101	8	.....	.....
Ira	48.4	41.8	54.5	63.8	70.5	81.9	82.8	83.8	*74.8	.....	55.7	42.6	.....	106	7	Apr. 2†	Dec. 4†
Jacksonville	52.4	48.1	57.4	61.8	70.8	79.5	82.5	*82.4	73.6	64.8	55.8	†44.0	64.4	103	14	Mar. 6†	Nov. 16
Jasper	56.6	54.1	59.8	65.8	74.6	81.0	83.4	85.2	77.1	69.1	61.0	55.4	68.6	101	21	Mar. 6†	Nov. 16
Kaufman	51.6	46.9	57.6	63.9	74.4	84.8	.....	.....	†78.2	68.9	56.5	45.9	.....	.....	13	Mar. 5†	Nov. 4
*Kerrville	47.8	45.6	52.8	63.2	70.7	77.0	78.4	78.8	74.2	67.2	58.0	42.6	63.0	99	8	Apr. 5†	Nov. 5
*Lampasas	51.8	46.8	57.0	64.2	74.4	82.9	84.6	86.2	77.3	70.3	57.8	47.6	66.7	105	11	Apr. 19	Nov. 5
Llano	53.2	48.8	59.1	65.0	76.0	85.8	85.9	89.4	78.6	72.1	57.6	49.0	66.7	105	16	.....	.....
*Longview	50.4	45.7	56.1	62.2	73.4	83.4	86.2	86.1	76.6	67.2	56.2	45.6	65.6	106	13	Mar. 6†	Nov. 16†
*Luling	54.6	50.2	60.9	66.0	73.9	81.0	84.9	86.9	78.2	70.9	61.4	51.1	68.3	104	14	Mar. 6†	Dec. 9†
Mann	51.4	*44.2	53.8	60.1	70.0	80.8	.....	‡87.0	77.2	69.2	58.0	47.2	.....	.....	12	Mar. 5†	Nov. 16

[1] W. R. Neville.

[2] Dr. Q. C. Smith.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Texas—Continued.																	
Menardville	49.0	44.8	55.9	62.2	72.2	77.9	85.4	82.1	73.3	66.8	55.2	44.8	64.1	105	5	Apr. 6†	Nov. 4†
Mount Blanco	.....	.....	.....	.....	.....	.....	80.4	.....	71.6	63.6	52.0	40.2	.....	.....	.....	.....	Nov. 4†
Nacogdoches	51.6	48.3	57.4	61.8	71.2	80.2	82.6	83.0	74.2	65.4	55.8	46.0	64.7	102	15	Apr. 18	Nov. 15†
New Braunfels	55.4	51.2	61.2	.....	74.6	81.0	83.4	84.2	76.8	69.8	61.6	51.4	.....	102	14	Mar. 5†	Dec. 10†
*Palestine	52.8	48.4	58.3	62.8	71.4	79.8	83.4	83.5	74.9	68.0	58.0	47.1	65.7	101	13	Mar. 6	Nov. 16
*Paris	50.6	45.2	55.8	60.4	72.0	80.8	85.8	82.1	75.8	68.8	55.0	46.8	64.4	108	6	Apr. 3†	Nov. 16†
Port Lavaca	.....	54.6	65.3	68.4	75.8	83.4	84.2	83.8	79.2	74.0	65.2	56.2	.....	99	.....	Feb. 23†	Dec. 15†
Rhineland	46.6	41.2	54.6	63.2	71.4	83.9	87.1	86.4	77.8	70.4	55.3	43.1	65.1	111	5	Apr. 6	Nov. 4
Rockisland	56.2	53.2	62.4	64.0	73.4	82.4	84.0	84.8	77.6	70.6	61.4	52.8	68.7	103	17	Apr. 6†	Dec. 9†
Rockport	61.1	53.2	65.4	69.8	72.2	75.9	82.0	.....	77.8	75.3	67.9	58.6	.....	.....	28	.....	Dec. 15†
Runge	[c]56.8	52.5	65.2	68.7	77.5	83.7	84.7	86.8	79.4	72.3	62.7	[d]58.6	70.3	106	22	Mar. 6†	Dec. 14†
Saginaw	50.1	44.9	55.9	62.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*San Antonio	56.4	52.6	62.8	67.8	76.4	82.7	84.1	85.8	78.4	72.2	63.2	53.5	69.7	103	15	Mar. 6	Dec. 10
Sanderson	54.0	52.7	57.0	64.0	75.6	85.0	85.5	85.9	79.0	70.1	60.5	45.8	67.9	102	15	Mar. 5†	Dec. 8†
*San Marcos	.....	.....	61.7	65.6	73.8	81.8	85.2	85.0	77.2	69.7	62.2	50.8	.....	104	.....	Mar. 6†	.....
San Saba	[b]53.4	48.6	60.2	64.6	73.8	84.8	85.8	86.1	76.7	69.4	57.7	48.6	67.5	107	7	Apr. 6†	Nov. 5
Shaeffers Ranch	.....	.....	.....	.....	.....	.....	.....	.....	81.6	74.9	[e]58.4	.....	.....	.....	.....	.....	.....
Sherman	50.0	44.4	55.8	61.4	71.8	80.8	85.8	.....	75.8	68.4	55.5	42.8	.....	.....	9	Mar. 5†	Dec. 10†
Sugarland	57.0	55.0	63.2	66.0	74.8	82.8	83.4	.....	.....	.....	62.9	53.5	.....	.....	19	Mar. 6†	Dec. 10†
Sulphur Springs	.....	.....	.....	62.0	71.6	80.2	84.8	82.2	75.0	67.9	55.8	44.2	.....	105	.....	.....	Nov. 16
*Taylor	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.4	.....	.....	.....	.....	Dec. 9
Temple[1]	51.6	47.0	59.0	64.4	72.6	81.6	.....	87.1	79.0	70.8	58.6	46.1	.....	.....	12	.....	.....
*Temple[2]	51.1	46.4	57.8	63.2	73.1	82.4	86.5	86.3	77.6	69.6	57.2	44.2	66.3	106	11	Mar. 5†	Nov. 4†
Trinity	54.9	51.3	60.2	63.8	73.4	81.8	83.7	85.1	76.2	68.8	60.6	49.5	67.4	105	15	Mar. 6†	Nov. 30
Tulia	40.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37.6	.....	.....	.....	.....	Nov. 4
*Tyler	.....	.....	.....	.....	.....	.....	87.6	84.4	75.2	68.0	51.7	43.2	.....	.....	.....	.....	Nov. 9†
Valentine	52.6	52.5	55.2	61.8	74.2	82.1	80.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Waco	51.0	47.3	58.7	61.6	74.6	83.4	88.2	87.8	79.3	69.8	58.8	45.9	67.2	105	13	Mar. 6†	Nov. 5
Waxahachie	50.6	45.8	58.0	63.8	72.4	81.9	81.8	85.9	77.6	68.7	56.1	44.5	65.6	107	9	Apr. 4†	Nov. 4
*Weatherford	49.6	43.3	56.2	61.7	72.4	83.0	86.7	86.0	78.2	70.0	56.3	44.7	65.7	108	9	Mar. 5†	Nov. 16
Utah.																	
Aneth[3]	32.4	40.8	44.7	54.4	65.6	71.8	81.6	79.7	68.6	57.9	44.9	33.8	56.4	104	3	Apr. 10	Sept. 25
Blackrock	29.5	32.5	37.8	47.1	59.6	63.6	74.0	70.9	57.1	50.8	40.6	28.2	48.9	99	—11	Apr. 27	Sept. 25
Bluecreek	28.0	29.9	36.4	49.1	.....	69.1	80.7	.....	65.8	.....	48.6	.....	.....	.....	.....	Apr. 9†	Nov. 14†
Castledale	24.0	24.0	35.0	42.8	[c]56.8	69.2	69.3	67.6	55.2	47.4	39.6	26.8	45.7	97	—22	June 6†	Sept. 25
Cisco	.....	.....	.....	49.8	63.4	69.7	82.2	76.6	65.0	57.4	42.4	28.4	.....	106	.....	Apr. 17†	Nov. 2†
Corinne	31.4	32.0	39.4	48.0	64.4	64.4	80.0	76.5	60.5	56.2	43.3	30.8	52.2	108	2	June 5	Oct. 14†
Coyote	.....	.....	.....	.....	.....	58.0	66.9	[b]66.0	58.2	.....	.....	[d]28.6	.....	.....	.....	.....	Sept. 1†
Deseret	30.7	34.7	38.6	48.1	61.0	63.8	76.0	72.6	58.0	51.5	40.8	24.3	50.0	103	— 8	May 23	Sept. 17
Emery	.....	30.0	.....	43.8	57.4	61.6	72.5	70.0	57.0	49.8	37.8	31.4	.....	97	.....	June 15†	Sept. 17†
Escalante	.....	.....	.....	.....	.....	.....	.....	71.0	61.0	53.5	42.6	32.0	.....	.....	.....	.....	Nov. 3†
Farmington	31.0	31.6	37.1	46.2	62.2	66.4	78.2	75.1	60.8	55.2	46.0	33.8	52.0	100	7	Apr. 28	Sept. 25
Fillmore	34.2	36.2	40.3	48.0	63.2	66.1	81.3	76.9	65.3	[b]55.8	46.0	31.7	53.7	.....	.....	Apr. 27†	Sept. 24†
Fishsprings	[c]33.2	.....	.....	.....	.....	[c]67.4	83.3	79.1	65.2	.....	.....	.....	.....	113	.....	.....	.....
Fort Duchesne	22.0	22.0	36.4	46.8	60.4	64.2	74.0	69.2	54.8	48.6	36.1	18.0	46.0	102	—21	Apr. 27†	Sept. 25
Frisco	31.3	32.8	37.7	44.5	59.2	[b]68.8	73.6	72.0	62.0	53.4	44.6	33.4	51.1	103	— 2	June 13†	Sept. 24
Giles	27.8	37.0	41.7	50.0	64.4	69.6	80.4	77.1	63.4	54.4	41.1	30.6	53.1	106	—12	Apr. 24†	Sept. 25
Government Creek	.....	32.2	36.0	45.4	59.2	62.3	77.2	72.4	59.6	51.8	42.2	29.4	.....	100	.....	June 14†	Nov. 2
Greenriver	24.8	32.9	[c]43.0	50.5	68.0	[d]70.2	81.0	81.4	68.9	57.0	42.8	.....	.....	109	.....	Apr. 17†	Sept. 25†
Grover	26.4	32.7	37.0	44.2	57.0	63.8	73.4	68.6	59.6	52.0	41.4	33.6	49.1	98	— 3	May 21	Nov. 1
Heber	23.7	27.6	34.4	43.9	56.2	58.4	69.0	66.9	53.6	47.7	39.0	25.8	45.5	98	—12	May 23	Sept. 10
Henefer	22.0	23.4	31.0	[d]41.1	54.9	56.0	67.1	67.0	51.8	47.7	38.4	27.5	44.0	98	—26	June 6	Sept. 16
Hite	36.7	45.0	49.4	58.6	73.0	76.6	89.6	86.1	73.0	.....	.....	.....	.....	115	.....	Apr. 8†	.....
Kelton (*a*)	28.4	28.9	39.8	49.4	.....	68.6	82.9	79.2	60.2	51.2	40.4	31.7	.....	.....	— 6	Apr. 5†	Nov. 3†
Lasal	.....	31.6	34.4	43.0	56.0	61.6	73.5	70.2	.....	.....	43.6	28.4	.....	94	.....	June 16†	.....
Levan	28.4	33.0	36.1	46.2	59.2	63.1	74.6	71.6	58.0	50.6	40.3	26.4	49.0	101	— 7	Apr. 27	Nov. 1†
Loa	19.1	23.6	26.8	36.2	49.4	54.6	[b]54.4	.....	[c]48.0	41.2	31.6	[a]25.3	.....	.....	—23	June 26†	Sept. 2†
Logan	28.3	28.3	37.1	45.5	60.6	61.4	76.7	72.8	59.2	53.6	42.0	28.6	49.5	100	— 1	Apr. 27†	Nov. 2†
Lund	29.0	28.6	36.4	.....	.....	.....	.....	.....	.....	.....	.....	29.2	.....	.....	—26	.....	.....
Manti	28.3	30.6	36.4	45.2	57.6	62.0	72.5	70.2	56.0	50.6	40.8	29.2	48.3	101	—10	June 14†	Sept. 9
Marysvale	.....	.....	.....	[b]49.4	56.3	61.0	70.8	69.0	57.3	50.8	41.2	31.4	.....	99	.....	June 15	Sept. 11
Meadowville	23.4	21.6	28.8	41.0	54.0	54.5	69.0	66.4	52.4	46.0	37.1	26.7	43.4	95	—21	June 14†	Sept. 10†
Minersville	31.8	33.0	38.8	46.8	60.2	65.4	[c]76.7	73.1	60.8	52.8	43.4	30.4	51.1	101	— 3	Apr. 17	Nov. 12
Moab	31.0	40.4	44.6	[c]56.4	66.6	70.6	76.6	77.0	65.8	57.4	44.2	33.2	55.3	103	2	Apr. 18†	Sept. 25
*Modena	31.0	29.6	37.7	44.1	56.2	64.0	74.0	71.2	59.0	52.0	42.0	30.5	49.3	98	—12	May 20†	Sept. 14
Mount Pleasant	29.6	32.4	38.0	48.4	56.9	61.5	74.9	71.6	60.2	52.6	41.7	28.8	49.7	100	— 5	May 6†	Sept. 24†
Ogden (*a*)	32.4	33.6	38.7	50.1	62.2	68.1	82.2	77.3	61.0	53.4	43.2	32.8	52.9	104	7	Apr. 8†	Nov. 2†
Park City	25.0	27.2	28.8	38.6	52.7	58.7	71.0	68.0	55.6	52.8	35.8	27.0	45.1	96	— 5	June 5	Sept. 24
Parowan	29.0	32.0	37.2	45.4	57.6	63.0	74.4	70.9	58.8	52.1	41.8	30.4	49.4	99	— 7	June 15†	Sept. 24†
Pinto	29.9	30.7	33.0	41.6	53.4	60.8	70.3	[d]67.4	55.0	48.5	38.6	29.2	46.5	96	—12	June 14	Sept. 8
Promontory	24.6	26.8	34.4	.....	62.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Provo	31.2	35.4	39.2	48.0	61.0	63.2	75.8	73.8	59.5	53.0	43.2	30.2	51.1	104	— 6	Apr. 19†	Sept. 25†
Richfield	24.4	27.4	34.1	45.8	50.9	63.4	75.2	69.8	56.4	.....	.....	[a]25.1	.....	101	— 9	May 25†	Sept. 5†
St. George	36.9	42.3	46.4	54.2	65.4	71.6	82.8	79.8	67.6	60.4	47.5	35.7	57.6	110	— 1	Apr. 19†	Sept. 25†
*Salt Lake City	33.5	35.1	40.0	49.6	63.0	65.0	80.2	76.0	63.0	55.6	45.9	32.8	53.3	101	4	Apr. 27	Nov. 3
Scipio	28.6	32.3	35.5	45.9	57.4	61.4	76.9	71.6	58.6	50.3	41.8	27.9	49.1	106	—17	May 22	Sept. 16
Snowville	26.6	29.8	35.3	44.0	57.4	57.2	72.6	70.6	58.8	55.6	45.0	[d]27.9	48.4	102	—10	June 15	Sept. 25
Soldier Summit	.....	26.6	27.4	38.2	52.9	54.3	.....	65.0	49.8	44.4	.....	20.1	.....	.....	.....	June 28†	Sept. 3
Terrace	.....	24.1	33.8	41.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thistle	28.5	34.2	37.1	46.4	59.2	62.0	74.6	72.6	58.3	50.0	40.8	29.7	49.4	106	—20	June 14†	Sept. 14†
Tooele	31.5	32.8	37.8	48.6	61.0	63.0	78.8	75.1	62.4	54.2	43.7	32.1	51.8	100	5	Apr. 27†	Nov. 2†
Tropic	28.7	27.2	32.1	39.3	53.1	58.5	67.5	63.3	52.3	[c]46.4	[c]35.3	.....	.....	95	.....	June 24†	Sept. 2†
Vernal	23.9	26.1	38.6	49.0	60.8	65.2	76.0	73.2	61.8	53.5	38.4	26.0	49.4	100	—10	Apr. 27†	Sept. 25
Wellington	.....	25.8	37.0	44.6	59.4	61.8	68.7	71.2	.....	61.1	38.0	[c]27.8	.....	102	.....	June 6†	Oct. 1†
Woodruff	14.0	.....	.....	.....	.....	.....	.....	63.3	52.6	41.2	33.3	21.7	.....	.....	.....	.....	Sept. 7†

[1] W. G. Jones. [2] Cotton region observer. [3] Name of station changed from Holyoake, April 1, 1901.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Vermont.																	
Bennington	21.8	15.1	30.6	46.2	57.6	.....	.....	.....	[m]60.2	50.6	32.5	[o]26.2	.....	.....	−16	May 5	Sept. 25
Burlington	20.2	16.7	29.0	46.5	58.4	69.2	73.8	70.8	63.2	51.4	33.0	26.1	46.5	94	−11	Apr. 13	Oct. 28
Chelsea	15.4	10.0	24.8	43.2	52.5	63.6	68.0	65.4	57.2	45.0	26.9	21.6	41.1	93	−22	May 6	Sept. 20
Cornwall	19.0	14.6	28.0	46.2	55.6	68.6	72.2	69.1	61.8	50.9	31.8	.....	.....	97	.....	May 6	Sept. 26
Enosburg Falls	13.0	8.1	24.2	46.3	55.2	65.7	69.2	66.4	57.7	47.6	27.5	23.2	42.0	96	−29	May 25	Sept. 19
Hartland	16.6	13.7	28.3	44.7	54.3	63.9	69.3	66.4	58.0	46.3	29.4	22.0	42.7	94	−25	May 26	Sept. 20
Jacksonville	17.8	13.8	27.2	41.7	56.5	63.2	70.5	65.3	57.1	46.6	28.2	19.0	42.2	95	−20	May 4	Sept. 9
Manchester	20.1	14.4	28.4	44.9	54.0	64.3	70.3	67.4	58.6	46.6	29.8	24.2	43.6	91	−14	May 6	Sept. 20
*Northfield	15.5	11.7	25.4	44.4	53.1	63.8	68.0	65.9	57.1	45.7	27.4	21.6	41.6	95	−24	Mar. 6	Sept. 25
Norwich	14.6	13.4	27.0	45.5	56.0	65.4	69.8	66.9	58.5	46.6	28.9	22.9	43.0	98	−26	.....	.....
St. Johnsbury	12.9	11.0	27.0	46.8	55.8	65.4	69.5	67.8	59.0	47.2	28.6	21.9	42.7	93	−31	May 6	Sept. 20
Vernon (*f*)	20.2	16.9	32.8	46.4	55.9	70.0	74.6	69.8	61.0	48.4	31.3	23.6	45.9	98	−22	Apr. 15	Sept. 26
Wells	18.2	13.1	27.1	43.0	54.1	66.4	71.8	67.9	60.8	47.7	29.2	23.4	43.6	95	−16	May 6	Sept. 20
Woodstock	18.6	17.4	29.8	44.2	51.8	63.4	70.3	63.0	57.6	45.0	30.0	23.0	42.7	98	−28	June 9	Sept. 20
Virginia.																	
Alexandria	35.2	31.2	46.2	51.6	64.0	74.1	80.8	77.4	68.1	55.6	41.1	34.3	55.0	104	7	Mar. 18	Oct. 8
Ashland	38.1	34.2	49.4	53.8	66.4	75.3	81.6	76.8	67.8	56.8	42.6	37.2	56.7	103	4	Mar. 29	Oct. 26
Barboursville	39.0	.....	.....	.....	[n]64.2	72.8	79.7	75.0	68.8	59.8	44.6	38.8	.....	98	.....	Mar. 18	Oct. 26
Bedford	38.2	34.7	48.8	52.8	66.1	74.5	80.8	76.9	68.2	58.2	42.2	36.2	56.4	99	7	Mar. 21	Nov. 18
Bigstone Gap	35.4	33.6	45.0	49.0	62.5	72.3	76.5	72.1	65.4	54.9	38.8	33.6	53.3	95	− 5	Apr. 24	Oct. 4
Birdsnest (*b*)	36.4	30.0	44.3	47.1	59.8	70.8	77.9	75.7	68.8	56.2	41.1	35.2	53.6	.....	.....	Mar. 8	Nov. 16
Blacksburg	33.0	29.4	42.6	45.2	58.7	67.8	74.0	68.6	61.6	52.0	36.4	30.4	50.0	92	0	Apr. 12	Oct. 4
Bonair	37.4	32.7	47.9	51.8	64.4	73.2	80.2	76.0	68.8	58.4	43.2	38.0	56.0	99	7	Mar. 29	Oct. 21
Buckingham	35.8	32.8	46.6	.....	[p]64.4	73.8	79.6	74.9	68.0	60.0	45.0	.....	.....	103	.....	Apr. 11	Oct. 26
Burkes Garden	31.8	26.4	40.1	42.4	56.6	64.9	70.4	66.4	59.0	48.4	34.0	30.6	47.6	88	−14	Apr. 29	Sept. 21
Callaville	37.4	34.2	49.0	53.2	66.4	73.8	80.3	77.8	69.0	58.8	41.6	39.4	56.7	96	4	Mar. 29	Oct. 21
*Cape Henry	41.8	34.9	49.5	49.6	62.2	72.6	80.2	77.6	73.6	61.6	46.5	42.0	57.7	101	17	Mar. 8	Nov. 11
Charlottesville	37.8	33.2	47.4	51.8	64.2	72.8	79.0	74.1	67.6	59.4	42.8	35.3	55.4	97	7	Mar. 12	Oct. 12
Cliftonforge	.....	.....	.....	46.4	59.4	66.2	.....	69.6	60.8	55.4	40.8	.....	.....	.....	.....	May 6	Oct. 24
Columbia	40.0	33.8	42.7	51.4	66.0	74.6	81.0	76.7	68.4	57.0	40.8	36.0	55.7	103	3	Apr. 28	Oct. 25
Dale Enterprise	33.9	28.6	42.4	46.7	61.2	68.4	74.4	70.6	63.1	54.8	38.8	32.8	51.3	95	− 2	Apr. 16	Sept. 20
Doswell	34.4	.....	45.0	53.3	63.9	74.1	81.0	76.7	68.6	.....	.....	.....	.....	.....	.....	Apr. 12	Oct. 10
Farmville	39.0	35.2	48.8	53.6	66.2	75.2	82.2	.....	69.2	57.4	41.4	.....	.....	.....	.....	Mar. 30	Oct. 26
Fontella	40.5	35.2	48.9	52.0	[q]67.2	74.6	80.0	75.2	68.2	.....	.....	.....	.....	99	.....	Mar. 22	.....
Fredericksburg	37.0	32.3	47.6	51.8	64.4	73.6	81.2	76.6	67.4	55.9	40.8	33.6	55.2	100	5	Mar. 29	Oct. 21
Grahams Forge	[r]35.0	30.0	45.1	[s]47.4	[r]60.0	[t]69.1	[r]72.4	71.0	[r]61.4	[k]52.7	37.2	[k]31.0	51.0	92	0	Apr. 28	Oct. 1
Hampton	41.6	36.4	50.2	51.6	65.0	74.6	80.6	78.4	72.3	61.4	46.1	41.6	58.3	98	15	Mar. 7	Nov. 16
Hot Springs	30.2	26.6	40.6	44.6	58.4	67.4	72.4	68.4	60.4	50.8	34.6	28.3	48.6	90	− 3	Apr. 27	Oct. 3
Lexington	36.2	30.4	44.8	49.1	62.6	.....	.....	.....	.....	.....	[u]37.2	33.5	.....	.....	1	Apr. 12	.....
Lincoln	32.8	28.2	43.0	47.6	62.8	70.6	79.4	74.8	66.6	55.2	39.8	32.3	52.8	98	2	Apr. 12	Oct. 7
*Lynchburg	38.3	34.4	47.6	51.9	64.9	73.5	80.0	75.2	67.8	57.0	41.7	36.0	55.7	97	8	Mar. 18[v]	Oct. 26
Manassas	34.6	31.0	46.1	50.7	62.6	72.9	80.0	73.8	66.6	56.3	46.0	33.8	.....	.....	.....	Mar. 18	Oct. 2
Marion	[d]35.4	31.9	44.2	[e]48.4	62.2	70.2	75.2	71.2	64.0	.....	.....	.....	.....	96	.....	Apr. 22	.....
Newport News	42.1	[g]35.6	51.6	[h]53.0	[e]66.4	76.5	82.8	81.6	75.1	62.3	48.4	.....	.....	103	.....	Mar. 7	Nov. 20
*Norfolk	41.2	36.0	51.3	52.0	64.5	74.6	81.0	78.3	72.8	61.0	46.2	42.6	58.5	100	16	Mar. 8	Nov. 11
Petersburg	39.1	34.6	50.0	52.1	62.8	76.6	81.0	77.0	69.6	59.2	42.8	38.8	.....	.....	.....	Mar. 29	Oct. 26
Quantico	.....	.....	45.8	51.0	63.6	72.8	76.1	[b]76.1	68.6	59.0	41.0	36.0	.....	.....	.....	Apr. 5	Nov. 6
*Richmond	38.8	34.7	49.6	52.8	65.5	74.8	81.0	77.4	70.0	59.1	44.1	38.6	57.2	99	9	Mar. 17	Nov. 6
Roanoke	.....	.....	.....	.....	.....	.....	.....	.....	63.8	51.8	.....	33.2	.....	.....	.....	.....	Oct. 5
Spottsville	38.8	34.6	50.0	51.8	65.5	73.6	81.4	77.5	69.9	57.2	45.2	39.7	57.1	101	7	Apr. 12	Oct. 2
Stanardsville	[e]34.6	30.6	45.3	50.5	62.8	73.2	78.8	72.8	62.0	.....	.....	29.0	.....	99	− 3	Apr. 13	.....
Staunton	37.6	32.4	45.6	50.0	63.0	71.8	78.2	73.0	65.6	56.8	40.0	35.4	54.1	96	1	Apr. 12	Oct. 30
Stephens City	33.8	29.1	44.0	50.5	62.2	72.8	80.2	76.4	66.4	55.7	[e]38.9	[e]33.1	53.6	106	1	Apr. 3	Oct. 29
Warsaw	36.4	31.0	46.4	50.5	65.2	72.4	77.9	76.7	68.7	52.2	39.2	.....	.....	99	.....	Mar. 18	Oct. 25
Westpoint	36.5	31.3	47.8	49.4	62.2	72.6	78.5	77.0	67.2	53.1	40.5	36.0	54.3	98	6	Apr. 16	Nov. 9
Williamsburg	39.4	34.8	49.4	51.4	64.8	71.2	79.8	76.3	69.2	59.0	.....	39.3	.....	97	8	Mar. 18	Nov. 17
Woodstock	31.8	26.4	41.8	47.0	60.2	68.0	79.0	75.4	62.9	55.4	39.8	34.7	51.9	98	1	Apr. 12	Oct. 1
Wytheville	35.1	32.2	43.9	47.0	60.7	70.0	75.4	71.4	64.0	54.7	38.7	33.1	52.2	95	0	Apr. 12	Oct. 8
Washington.																	
Aberdeen	37.6	37.9	.....	.....	49.4	52.3	55.7	59.6	54.6	56.2	46.4	39.8	.....	86	15	May 6	Dec. 11
Bremerton	39.5	41.6	45.6	47.4	55.4	56.6	61.2	64.8	57.8	56.9	48.3	42.0	51.4	93	24	Apr. 16	Dec. 12
Bridgeport	28.5	.....	46.8	.....	[e]62.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brinnon	37.1	41.4	44.0	46.8	55.2	56.8	60.7	63.7	56.3	54.4	46.8	40.4	50.3	83	25	Apr. 7	Dec. 11
Cedonia	23.8	27.4	36.8	42.1	55.1	53.2	62.7	68.6	51.4	51.3	36.6	27.4	44.7	93	− 4	May 20	Sept. 30
Centerville	28.5	33.1	39.3	42.6	53.8	54.0	64.6	73.0	.....	.....	.....	.....	.....	104	.....	May 18	.....
Chehalis	38.6	40.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clearwater	38.0	38.6	43.8	44.6	50.8	53.8	56.6	62.5	54.8	[e]55.6	47.8	41.8	49.1	87	27	Apr. 16	Dec. 11
Cle Elum	28.4	31.4	38.8	43.0	52.2	53.2	61.3	67.0	52.4	51.8	39.0	32.6	45.9	101	6	June 5	Sept. 15
Colfax	33.0	.....	42.8	47.2	58.1	56.9	66.3	70.3	55.2	55.2	43.0	34.4	.....	104	.....	May 5	Sept. 15
Colville	25.6	29.1	39.2	42.8	55.9	54.8	63.1	67.0	53.4	50.2	37.4	29.6	45.7	100	−14	June 8	Sept. 15
Conconully	21.7	25.7	36.8	42.7	55.5	56.0	64.2	68.6	51.8	51.2	36.3	27.6	44.9	95	−10	May 19	Sept. 27
Coupeville	37.8	41.4	44.1	46.1	52.6	.....	59.6	62.0	55.8	55.0	47.3	41.0	.....	.....	24	Apr. 3	Dec. 11
Crescent	27.0	29.8	39.3	43.1	55.4	54.0	63.9	69.8	52.4	51.0	38.0	29.2	46.1	99	−3	June 25	Sept. 25
Dayton	31.2	32.7	45.4	46.4	58.0	58.2	68.6	[e]72.4	.....	.....	.....	.....	.....	105	.....	June 5	.....
Eastsound	.....	.....	.....	.....	.....	53.8	58.0	61.0	52.8	52.6	[e]46.2	41.5	.....	86	.....	.....	Nov. 1
Ellensburg	28.6	31.4	40.1	44.9	54.8	55.6	64.0	68.8	53.0	52.1	38.6	31.7	47.0	93	2	June 6	Sept. 16
Ellensburg (near)	28.0	32.2	40.2	45.8	56.7	58.2	66.6	71.4	54.0	52.0	37.6	.....	.....	.....	.....	.....	.....
Grandmound	38.5	40.2	45.2	48.0	54.4	56.6	61.2	64.8	56.2	57.2	47.1	40.0	50.8	93	19	May 6	Dec. 11
Hooper	31.8	36.2	44.6	47.8	60.3	60.0	71.0	74.8	58.0	55.6	43.8	35.0	51.6	111	− 5	June 8	Nov. 2
Ilwaco	.....	.....	.....	.....	53.1	55.9	58.9	60.6	57.2	57.8	50.8	44.3	.....	84	.....	.....	Dec. 11
Lacenter	37.9	41.5	44.5	47.2	55.9	56.8	62.3	68.3	57.4	56.4	46.5	39.4	51.2	99	21	Apr. 14	Nov. 7
Lakeside	27.3	30.8	42.1	.....	59.2	61.6	69.9	75.5	59.0	55.7	41.2	32.8	.....	95	2	.....	Nov. 9
Lind	28.0	32.3	42.0	47.4	60.4	60.8	73.2	78.0	57.2	57.4	40.2	[e]31.8	50.7	108	− 6	June 8	Sept. 23
Loomis	.....	33.4	45.6	51.8	63.5	61.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 9	.....
Mayfield	35.3	35.7	[f]40.4	41.2	49.4	53.0	61.6	65.4	56.2	55.4	45.9	[e]39.2	48.2	93	17	Apr. 22	Nov. 8
Montecristo	31.2	32.5	[e]37.2	39.7	48.6	49.0	58.0	65.0	51.5	53.8	.....	.....	.....	97	.....	June 6	.....

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Washington—Continued.																	
Mottinger Ranch	35.2	38.2	47.5	51.8	62.8	64.9	73.0	78.6	62.3	60.3	45.7	38.6	54.9	108	15	Apr. 8	Nov. 8
Mount Pleasant	37.6	40.8	45.6	47.4	55.4	56.8	61.8	68.1	58.4	57.4	44.5	38.0	51.0	101	24	Apr. 9	Dec. 11
Moxee Valley	30.7	33.9	41.6	46.8	58.4	59.2	67.9	73.2	56.8	55.9	40.2	33.0	49.8	103	5	June 17	Oct. 1
*Neah Bay	39.6	41.6	43.1	43.9	49.0	51.4	54.2	57.2	53.2	53.4	48.5	43.7	48.2	74	29	Apr. 6	Dec. 11
Northport	.....	26.6	39.2	46.8	60.0	61.2	68.2	.....	.....	47.8	41.6	29.2	.....	.....	.....	Apr. 21	.....
Olga	38.0	40.9	43.4	45.6	53.4	54.8	57.6	60.4	56.7	54.6	48.1	40.9	49.5	80	22	Apr. 3	Dec. 12
Olympia	39.7	41.4	45.2	47.2	54.7	56.9	60.5	64.3	56.8	56.3	47.2	41.4	51.0	96	22	May 6	Dec. 11
Pasco	32.6	36.6	46.8	52.9	66.0	67.6	79.4	80.2	63.2	58.8	45.0	36.0	55.4	111	10	Apr. 24	Nov. 2
Pinehill	35.0	36.9	45.0	49.0	58.2	59.8	67.0	72.8	58.3	58.4	44.9	38.6	52.0	104	13	.....	.....
Pomeroy	.....	.....	.....	.....	.....	.....	.....	74.7	57.6	58.6	45.6	36.5	.....	.....	.....	.....	Nov. 2
*Port Crescent	36.4	38.8	41.0	42.4	48.8	50.5	53.0	58.4	51.6	52.2	44.0	39.8	46.4	88	23	Apr. 27†	Nov. 2
Port Townsend	39.5	42.5	45.0	46.9	52.2	54.4	57.6	61.8	56.6	54.9	49.0	42.8	50.3	85	26	Feb. 22	Dec. 11
Pullman	31.1	33.8	41.0	44.7	56.4	55.2	66.1	.....	.....	°54.8	.....	.....	.....	.....	.....	Apr. 6	.....
Republic	22.8	26.8	37.2	41.0	[b]53.4	.....	[b]63.3	66.3	°50.8	.....	.....	.....	.....	.....	.....	June 7	Sept. 15
Rosalia	30.4	33.4	40.0	43.6	55.4	53.4	62.9	68.9	52.6	53.8	41.4	32.2	47.3	97	5	June 30	Sept. 15
*Seattle	40.2	42.9	46.0	47.8	55.4	57.1	61.6	65.7	58.0	57.2	49.2	42.4	52.0	87	28	Feb. 11	Dec. 11
Sedro	36.0	40.6	44.9	46.8	54.6	55.4	58.7	66.0	57.2	55.2	47.3	38.4	50.1	89	15	July 11	Sept. 28
Silvana	37.4	40.4	44.8	45.4	53.2	[b]56.2	59.3	62.3	56.4	54.6	47.6	40.4	49.8	89	17	May 10	Sept. 30
Snohomish	37.4	39.6	45.0	47.1	54.2	55.2	58.9	63.4	55.1	54.6	45.9	40.0	49.7	84	19	July 12	Sept. 29
Snoqualmie	.....	.....	.....	*48.0	55.1	54.4	57.5	61.2	51.8	50.4	47.4	40.7	.....	91	.....	July 12	Sept. 10
Southbend	40.3	40.5	44.0	45.8	51.5	54.3	57.4	61.9	56.8	57.4	49.2	42.8	50.2	96	20	May 29	Nov. 8
*Spokane	30.0	32.0	41.6	45.6	57.9	56.8	67.6	72.7	55.0	53.9	41.0	33.1	48.9	99	10	Apr. 25	Nov. 2
Sunnyside	30.7	33.6	43.0	48.4	59.2	61.0	68.8	74.0	57.6	56.0	41.6	33.8	50.6	100	6	Apr. 24	Nov. 2
*Tacoma	39.3	41.6	44.6	46.4	53.4	56.1	60.8	64.2	56.0	56.0	47.6	40.8	50.6	88	24	Apr. 8	Dec. 12
*Twin	38.0	39.4	42.2	43.3	.....	52.4	53.6	56.4	52.0	52.6	46.3	*41.0	.....	84	24	.....	.....
Union	38.2	40.8	44.7	46.4	54.0	56.0	61.0	65.2	56.5	56.6	46.5	41.0	50.6	95	21	Apr. 27	Sept. 30
Usk	24.5	25.6	36.9	42.2	.....	.....	.....	66.5	.....	48.4	36.1	.....	.....	.....	.....	.....	.....
Vancouver	38.8	41.4	46.2	48.6	56.0	57.4	61.4	66.3	56.4	57.0	48.0	40.6	51.5	94	18	Apr. 24	Dec. 11
Vashon	39.0	41.0	44.5	46.8	53.5	55.5	60.0	63.2	55.8	55.0	47.1	41.5	50.2	84	25	Apr. 8	Dec. 5
*Walla Walla	33.0	37.6	46.4	50.3	60.1	61.4	72.0	77.6	58.8	59.4	45.8	37.5	53.3	102	11	Apr. 15	Nov. 26
Waterville	22.7	24.0	36.0	44.6	54.3	55.8	65.6	72.0	53.2	52.8	34.8	27.2	45.2	100	—13	June 25	Sept. 23
Wenatchee (near)	24.8	30.0	39.8	46.0	55.9	57.8	66.4	72.5	55.0	55.6	37.7	28.6	47.5	97	— 6	May 19	Nov. 1
Westsound	.....	39.8	[b]42.6	44.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whatcom	37.8	42.5	45.4	46.6	53.0	54.8	58.7	59.9	55.8	53.5	49.0	41.8	49.9	80	9	Apr. 16	Dec. 9
Wilbur	24.1	28.0	38.6	42.2	53.8	53.2	62.0	69.4	53.4	53.4	36.8	28.5	45.3	102	—12	June 24	Sept. 24
West Virginia.																	
Beckley	33.4	24.2	39.8	45.5	60.8	67.7	73.4	68.4	60.0	52.7	33.6	°32.2	49.3	91	0	Apr. 21	Oct. 4
Beverly	32.2	25.6	38.7	44.6	61.1	68.6	75.5	71.0	62.2	51.2	34.7	31.6	49.8	96	— 8	Apr. 22	Oct. 4
Bluefield	34.3	29.1	43.4	46.0	60.8	68.8	73.6	°70.3	63.0	53.2	37.2	32.7	51.0	93	— 2	Apr. 23	Oct. 5
Buckhannon	32.1	24.4	41.0	47.2	60.0	70.2	.....	.....	68.0	52.2	35.1	30.3	.....	.....	— 5	Apr. 22	Oct. 24
Burlington	32.2	27.0	42.0	48.0	60.8	69.1	77.3	72.9	63.0	52.1	37.7	29.5	51.0	98	0	Apr. 17	Oct. 4
Byrne	36.5	27.8	44.8	50.6	63.7	72.7	78.5	75.8	65.5	58.6	37.6	34.3	53.0	99	— 7	Apr. 20	Oct. 18
*Camden	37.2	29.4	45.0	50.4	63.8	71.6	79.2	72.5	62.9	53.7	35.8	31.2	52.7	94	— 4	Apr. 10	Oct. 4
Central	32.8	25.6	42.4	46.4	60.8	70.2	77.2	72.9	63.8	53.7	°37.4	31.0	51.2	98	— 9	Apr. 23	Oct. 5
Chapel	30.4	27.7	44.6	47.4	65.6	74.8	.....	78.1	70.6	53.4	.....	.....	.....	.....	.....	Apr. 1	Oct. 5
Clay	35.5	.....	42.8	48.8	61.4	.....	80.2	75.5	68.5	.....	.....	.....	.....	.....	.....	.....	Oct. 17
*Creston	33.8	27.8	42.2	47.2	62.9	73.6	81.6	°76.1	.....	.....	43.4	.....	.....	104	.....	Apr. 23	Oct. 18
Dayton	34.0	25.6	42.3	45.8	59.8	70.8	77.9	72.0	64.0	53.1	36.3	31.2	51.1	97	— 7	Apr. 23	Oct. 25
Elkhorn	37.4	31.4	45.6	48.1	61.6	70.4	75.9	71.6	64.1	55.2	40.2	36.2	52.0	94	1	Apr. 21	Oct. 5
*Elkins	30.7	23.0	39.0	43.6	57.4	67.3	73.8	70.0	61.8	50.7	32.4	29.6	48.3	94	— 6	May 4	Oct. 5
*Glenville	33.4	26.2	42.2	47.6	61.8	72.4	78.7	74.6	65.0	55.0	37.0	33.1	52.2	100	— 2	.....	.....
Grafton	31.9	23.4	42.0	44.8	59.1	68.9	76.1	72.1	63.4	53.8	35.4	32.9	50.3	96	— 5	.....	.....
Green Sulphur	32.4	26.4	40.4	45.0	59.6	69.2	76.1	70.6	64.1	52.6	34.4	31.4	50.2	92	5	Apr. 5	Oct. 5
*Hinton	.....	30.4	43.6	48.3	62.2	72.2	°76.6	72.0	65.6	54.9	°40.6	33.4	.....	97	.....	Apr. 26	Oct. 19
*Huntington	31.4	25.6	44.6	49.0	63.1	74.9	79.8	75.3	66.4	55.2	38.6	31.8	53.0	100	— 5	Apr. 22	Oct. 18
Josiah	33.1	25.0	43.4	47.4	62.4	73.0	79.6	74.8	66.2	55.6	37.8	31.2	52.5	101	— 4	Apr. 12	Oct. 18
Lewisburg	32.4	26.6	41.5	45.8	59.6	68.5	75.0	70.0	62.4	51.8	35.4	30.8	50.0	94	— 6	Apr. 24	Oct. 5
Logan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.6	35.4	.....	.....	.....	.....	.....
Magnolia	33.1	29.0	43.2	51.0	62.4	72.0	79.0	74.0	65.2	53.2	37.2	29.4	52.4	104	— 1	Apr. 16	Oct. 4
Mannington	.....	.....	44.2	48.0	61.6	71.6	78.7	74.4	65.2	54.6	38.1	33.6	.....	101	.....	Apr. 21	Oct. 4
Marlinton	30.0	25.6	38.6	43.1	58.3	66.8	73.4	68.3	.....	.....	.....	.....	.....	92	.....	.....	.....
Martinsburg	31.4	26.6	41.2	48.3	61.2	70.1	78.0	73.5	63.6	52.9	37.6	29.8	51.2	99	2	Apr. 6	Oct. 4
Morgantown	33.2	24.6	42.5	46.5	61.6	70.8	77.6	72.8	66.9	55.4	°36.5	32.6	51.8	98	— 2	Apr. 22	Oct. 4
Moscow	.....	.....	40.2	46.8	61.0	69.2	77.2	72.0	63.5	53.1	38.4	30.4	.....	95	.....	Apr. 21	Oct. 4
Moundsville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.0	31.2	.....	.....	.....	.....	.....
New Martinsville	34.6	27.4	43.0	49.4	63.2	73.2	80.6	76.8	68.1	57.4	39.9	33.2	53.9	104	— 2	Apr. 21	Oct. 4
Nuttallburg	33.4	27.4	40.7	46.0	62.5	70.9	76.2	70.6	63.4	54.1	36.2	32.2	51.1	96	1	Apr. 21	Oct. 14
Oceana	°34.0	°28.7	41.2	47.0	62.5	°73.4	77.7	73.2	66.0	54.4	38.8	33.6	52.5	99	1	May 4	Oct. 18
Oldfields	.....	31.6	44.8	49.2	63.0	70.3	78.2	74.2	65.1	55.1	°41.6	34.6	.....	97	.....	Apr. 12	Oct. 4
*Parkersburg	33.6	27.0	44.2	48.3	62.6	72.7	79.6	75.2	65.9	56.1	38.7	32.0	53.0	102	— 5	Apr. 23	Oct. 4
Parsons	30.9	23.0	39.5	45.0	58.4	68.8	75.8	71.4	°60.7	52.0	36.0	31.2	49.4	100	— 4	May 4	Oct. 5
*Philippi	31.1	23.9	41.0	43.6	56.3	65.7	72.6	69.2	60.0	50.0	.....	30.6	.....	96	— 3	Apr. 27	Oct. 4
*Point Pleasant	37.4	29.6	45.0	50.3	63.1	74.7	81.0	75.8	67.6	57.6	41.8	33.2	54.8	102	— 2	Apr. 21	Oct. 18
Powellton	34.8	30.8	45.8	48.4	63.6	72.4	77.8	74.0	65.7	56.5	39.6	34.4	53.6	97	4	Apr. 21	Oct. 5
Princeton	34.6	30.6	42.6	46.6	61.0	68.7	73.7	69.2	62.1	51.8	.....	.....	.....	89	.....	Apr. 12	Oct. 5
Romney	33.2	29.1	42.4	48.6	62.2	71.0	77.6	74.8	65.6	54.1	38.1	31.4	52.3	101	1	Apr. 17	Oct. 4
Southside	36.8	30.6	46.3	50.8	63.3	73.9	80.3	75.6	67.2	57.4	41.5	34.5	54.8	99	2	Apr. 10	Oct. 18
Spencer	35.4	28.6	46.4	49.1	63.0	72.7	78.1	74.4	65.3	55.6	39.5	32.8	53.4	99	— 4	Apr. 22	Oct. 4
Terra Alta	25.2	19.1	°38.0	.....	.....	.....	.....	.....	.....	.....	36.6	29.1	.....	.....	—11	.....	Oct. 7
Upper Tract	34.8	28.7	42.6	46.9	60.8	.....	76.0	72.0	63.2	54.6	38.0	32.6	.....	.....	0	Apr. 28	Oct. 4
Wellsburg	29.9	21.4	39.7	45.6	59.5	69.5	75.8	72.0	63.0	53.0	35.8	29.6	49.6	94	— 5	Apr. 21	Oct. 4
Weston	35.4	27.8	44.6	48.1	63.6	72.9	78.8	74.6	65.6	55.6	38.0	33.5	53.2	98	— 2	Apr. 21	Oct. 4
Wheeling	35.4	28.0	46.3	51.6	66.2	76.0	84.6	79.4	69.6	58.2	42.0	35.2	56.0	103	1	Apr. 1	Nov. 10
Williamson	36.2	33.8	48.2	51.6	64.0	74.2	79.0	74.9	67.8	58.4	42.3	38.2	† 55.7	98	5	Apr. 21	Oct. 18
Winfield	35.7	29.4	45.1	49.0	61.6	71.7	77.8	73.9	65.8	.....	.....	.....	.....	95	.....	Apr. 23	.....

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Wisconsin.																	
Amherst	15.5	10.6	25.8	46.8	.....	67.1	74.4	.....	.....	48.8	29.2	15.7	.....	.....	−25	.....	.....
Antigo	.....	.....	.....	47.6	55.7	66.0	72.4	65.9	56.9	48.5	29.2	15.4	.....	98	.....	June 1	Sept. 18
Appleton	.....	.....	.....	45.8	56.1	67.4	74.2	69.4	59.8	.....	.....	18.4	.....	94	.....	Apr. 21	.....
Barron	10.6	5.4	23.7	46.6	56.8	65.0	74.1	66.6	54.6	47.6	†25.6	11.2	40.6	102	−40	June 11	Sept. 18
Bayfield	17.1	10.6	22.8	40.5	51.5	63.4	69.8	.....	.....	.....	.....	.....	.....	.....	.....	June 8	.....
Beloit	22.8	13.8	32.5	48.1	58.4	71.3	80.2	71.5	62.0	53.0	34.4	22.8	47.6	105	−13	May 20	Oct. 3
Brodhead	21.2	12.0	32.4	47.9	59.0	72.0	81.3	72.3	63.2	53.6	34.8	21.8	47.6	111	−18	Apr. 19	Oct. 3
Butternut	11.4	9.7	.....	43.4	53.4	62.6	68.4	62.6	52.6	.....	25.6	11.6	.....	95	−33	.....	.....
Chilton	.....	.....	.....	†49.3	55.4	67.0	74.2	69.4	60.1	49.2	31.6	16.6	.....	100	.....	May 12	.....
Citypoint	16.1	11.4	27.3	50.7	61.2	70.5	76.1	70.8	59.3	52.1	.....	.....	.....	100	.....	Apr. 19	Sept. 17
Darlington	.....	.....	31.0	47.6	58.0	69.2	76.8	69.0	59.8	49.9	32.2	19.1	.....	104	.....	May 26	Sept. 18
Delavan	19.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.4	19.4	.....	.....	.....	.....	.....
Dodgeville	19.7	11.8	30.3	47.6	58.2	68.8	78.6	70.2	60.8	52.1	.....	20.4	.....	107	−21	May 26	Sept. 18
Easton	16.4	10.6	27.3	48.0	58.9	70.6	77.3	69.9	59.5	49.8	30.3	14.9	44.5	106	−25	June 1	Sept. 18
Eau Claire	16.0	10.8	28.7	49.7	60.2	68.8	76.8	71.6	57.8	48.4	28.9	14.0	44.3	103	−28	Apr. 21	Oct. 3
Florence	14.6	9.7	22.7	43.6	52.4	63.6	68.7	†63.3	*58.1	*47.6	28.3	15.9	40.7	98	−21	June 9	Oct. 4
Fond du Lac	19.3	14.0	29.2	46.4	56.8	.....	.....	69.8	60.8	52.0	34.2	21.0	.....	.....	−18	May 26	Sept. 19
Grantsburg	11.8	9.9	27.0	45.4	56.6	65.9	73.6	68.6	58.6	48.6	29.8	13.8	42.5	103	−39	May 25	Sept. 19
*Greenbay	18.7	13.0	26.9	45.7	54.8	66.6	73.7	69.5	60.2	50.0	33.2	19.6	44.3	99	−20	Apr. 21	Oct. 3
Hartford	20.5	*14.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartland	20.2	11.8	29.6	46.6	56.5	68.3	77.7	70.5	61.0	52.2	33.5	.....	.....	103	.....	May 15	Sept. 19
Harvey	20.5	13.0	31.0	47.3	57.4	68.9	79.4	71.4	61.6	52.1	33.5	21.4	46.5	107	−18	Apr. 19	Oct. 3
Hayward	12.0	9.2	25.4	46.2	56.0	65.0	72.0	66.8	56.4	47.0	28.4	13.6	41.5	102	−38	June 1	Sept. 18
Hillsboro	17.2	10.2	27.5	46.6	56.8	68.4	76.6	69.0	58.6	50.6	31.4	17.4	44.2	106	−27	May 26	Oct. 4
Knapp	.....	.....	.....	.....	.....	.....	.....	68.8	57.7	47.6	29.6	.....	.....	.....	.....	.....	Oct. 3
Koepenick	.....	.....	.....	.....	52.6	63.4	70.0	64.0	56.2	47.4	27.6	17.0	.....	95	.....	June 1	.....
*Lacrosse	20.6	13.9	31.0	51.5	61.2	70.7	79.2	72.0	60.4	52.6	33.4	18.0	47.0	104	−23	Apr. 19	Oct. 4
Ladysmith	.....	.....	.....	*46.8	57.9	65.8	73.5	67.6	57.4	47.4	29.0	14.1	.....	98	.....	June 8	Sept. 19
Lancaster	19.4	12.4	29.7	47.8	58.4	70.0	79.8	72.6	*60.5	52.0	32.3	18.4	46.1	107	−21	Apr. 21	Oct. 4
*Madison	20.2	13.4	29.8	47.0	57.8	70.4	79.6	71.6	61.4	52.4	33.6	19.6	46.4	104	−17	Apr. 20	Oct. 4
Manitowoc	20.6	14.4	28.4	43.7	52.0	62.1	70.2	69.0	58.6	49.6	34.0	21.6	43.7	97	−18	Apr. 20	Oct. 4
Meadow Valley	16.2	10.3	26.4	47.4	57.8	68.0	75.6	68.9	58.6	49.7	30.4	16.4	43.8	104	−28	May 12	Sept. 18
Medford	12.0	9.7	22.8	44.6	54.6	66.1	73.0	67.4	59.6	49.0	29.0	16.8	42.0	102	−28	June 8	Oct. 3
*Milwaukee	23.5	16.6	32.4	46.4	58.7	66.4	74.7	71.0	62.8	54.6	36.2	22.4	46.7	100	−14	Apr. 20	Oct. 4
Neillsville	15.2	10.8	26.7	47.4	59.0	68.8	76.1	68.9	59.2	.....	.....	15.2	.....	.....	−36	June 1	Sept. 18
New Holstein	20.2	.....	.....	.....	.....	66.9	.....	69.4	62.5	51.0	§33.8	17.0	.....	.....	.....	Apr. 22	Sept. 18
New London	17.6	12.2	26.6	47.4	56.4	67.8	74.2	69.1	59.7	50.1	31.6	17.7	44.2	100	−24	May 26	Oct. 3
North Crandon	.....	.....	.....	43.6	54.0	63.7	§67.4	63.2	53.4	45.4	26.0	14.7	.....	95	.....	.....	.....
Oconto	18.9	13.6	27.6	46.6	54.6	66.1	75.5	71.1	59.4	50.6	33.2	20.3	44.8	99	−17	May 4	Oct. 3
Osceola	10.8	7.2	26.4	46.0	56.6	65.3	74.0	68.4	56.6	48.0	27.4	10.8	41.5	105	−39	May 29	Sept. 18
Oshkosh	21.6	.....	28.2	46.8	59.8	*68.8	76.6	72.2	61.2	53.7	§35.4	20.5	.....	97	.....	Apr. 21	Oct. 6
Pepin	14.4	10.7	28.0	49.9	60.4	72.2	82.4	72.8	61.6	53.1	34.8	16.0	46.4	103	−33	Apr. 20	Oct. 2
Pine River	16.6	11.6	27.0	47.0	57.0	67.4	74.4	69.2	59.6	50.8	31.3	*16.8	44.1	99	−25	May 26	Sept. 18
Portage	20.7	13.8	29.5	48.9	60.0	70.4	79.6	71.8	61.2	52.9	34.2	20.2	46.9	106	−20	Apr. 21	Oct. 4
Port Washington	22.0	15.4	29.8	44.9	51.3	63.1	71.0	67.8	59.2	51.5	34.1	21.4	44.3	102	−21	Apr. 25	Sept. 18
*Prairie du Chien	23.2	15.6	33.1	50.5	62.5	72.4	82.9	74.3	62.0	55.8	36.1	21.4	49.2	110	−19	Apr. 22	Oct. 4
Prentice	.....	.....	.....	45.9	*53.8	64.4	71.7	65.8	57.2	46.6	29.3	14.2	.....	95	.....	June 8	Oct. 4
Racine	24.6	16.6	33.2	47.0	54.9	67.2	76.0	71.2	62.6	55.8	36.8	23.2	47.4	107	−14	Apr. 20	Oct. 4
Shawano	17.0	12.8	26.4	46.8	55.4	67.2	73.0	67.6	57.6	49.3	.....	.....	.....	98	.....	Apr. 26	Sept. 18
Sheboygan	22.1	17.2	30.2	44.2	52.4	63.8	71.7	69.6	60.7	52.8	35.6	23.2	45.3	101	−16	Apr. 18	Oct. 4
Spooner	11.5	8.2	24.4	45.2	§55.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stevens Point	17.0	.....	27.4	*50.6	59.8	67.0	74.8	68.6	59.4	49.4	31.8	*16.2	.....	101	.....	May 25	Oct. 3
Valley Junction	.....	12.1	28.3	47.8	59.1	68.2	.....	§68.6	58.2	51.8	33.4	.....	.....	.....	.....	May 26	Sept. 18
Viroqua	18.9	12.2	29.2	48.6	58.2	68.2	76.2	70.2	59.6	51.0	31.8	16.8	45.1	103	−26	May 25	Oct. 3
*Watertown	19.6	11.2	29.8	46.4	57.0	69.0	77.4	69.0	59.8	50.0	32.0	20.2	45.1	104	−18	May 21	Sept. 19
Waukesha	20.6	13.2	29.4	46.4	55.7	69.0	78.0	71.0	61.6	53.3	34.1	20.3	46.0	102	−16	Apr. 21	Oct. 4
Waupaca	17.2	11.2	26.6	47.0	57.6	68.0	75.0	69.3	59.6	50.5	31.7	17.4	44.3	102	−24	May 26	Oct. 3
Wausau	.....	.....	.....	.....	.....	66.8	73.4	.....	58.0	49.2	30.6	17.2	.....	.....	.....	.....	Oct. 3
Wausaukee	.....	11.6	*25.0	*43.4	§58.9	62.2	71.7	67.0	57.9	48.4	31.0	18.4	.....	100	.....	June 21	Oct. 3
Westbend	18.0	13.3	.....	*46.9	†57.8	67.2	76.8	‡71.7	§62.8	54.7	36.2	*20.8	.....	101	−15	Apr. 21	Sept. 19
Westfield	18.2	13.4	28.2	47.2	57.9	70.0	76.6	69.7	57.4	50.4	31.3	18.6	44.9	100	−22	Apr. 20	Oct. 3
Whitehall	17.4	11.3	28.3	48.8	59.2	68.6	76.3	69.6	59.0	50.1	32.7	16.5	44.8	104	−30	May 26	Oct. 3
Wyoming.																	
Alcova	29.4	22.5	34.8	45.8	60.6	62.8	77.8	73.2	59.6	51.6	41.4	26.8	48.9	107	−22	June 6	Sept. 14
Bedford	19.6	20.8	27.2	37.8	53.1	.....	*68.6	65.7	49.6	.....	35.3	22.2	.....	.....	−21	.....	Sept. 11
Bigpiney	.....	6.6	21.2	§32.8	.....	.....	.....	.....	.....	.....	§25.6	16.3	.....	.....	.....	.....	.....
Bitter Creek	22.2	.....	32.8	36.8	55.3	53.4	72.1	64.6	48.4	49.4	44.8	.....	.....	110	.....	June 6	Aug. 22
Buffalo	26.8	20.2	33.4	*45.4	60.0	57.3	72.0	69.2	54.5	50.4	39.4	*25.4	46.2	103	−24	June 6	Sept. 16
Burlington	23.4	17.9	.....	.....	59.9	59.6	†73.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Casper	31.6	21.2	34.6	44.6	59.6	61.6	76.0	71.7	58.2	50.1	39.7	.....	.....	103	.....	June 6	Sept. 15
Centennial	23.0	20.0	25.0	34.5	48.5	54.0	65.6	60.4	47.8	41.4	32.0	18.4	39.2	88	−26	June 16	Sept. 8
*Cheyenne	29.4	22.6	31.8	40.2	53.7	60.0	71.4	67.3	56.4	48.0	40.0	26.2	45.6	95	−22	May 11	Sept. 16
Chugwater	28.0	23.9	32.1	42.0	54.6	56.6	70.8	66.9	55.8	47.6	40.4	28.8	45.8	100	−34	June 6	Sept. 15
Cody	30.6	28.1	36.4	47.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Daniel	.....	.....	18.0	30.7	48.0	48.4	.....	.....	44.5	41.1	29.3	18.3	.....	.....	.....	.....	.....
Embar	.....	.....	.....	42.2	60.6	56.8	.....	70.1	54.6	50.6	37.8	26.2	.....	.....	.....	June 8	Sept. 14
Evanston	17.6	24.4	25.8	36.4	50.4	52.0	64.6	62.9	49.4	47.0	34.5	23.2	40.7	92	−16	June 15	Sept. 2
Fort Laramie	28.0	19.2	35.6	45.0	60.2	63.0	76.4	72.8	59.6	49.6	37.4	26.8	47.8	106	−41	June 6	Sept. 17
Fort Washakie	23.2	17.8	31.8	41.4	56.5	59.2	70.8	67.2	52.7	47.4	35.4	23.0	43.8	99	−28	June 5	Sept. 16
Fort Yellowstone	21.4	18.0	27.2	35.6	52.2	50.2	67.4	63.0	47.7	45.6	34.6	22.1	40.4	96	−15	.....	.....
Fourbear	24.6	20.3	28.2	36.3	50.6	49.8	66.0	61.3	46.4	46.4	36.0	25.8	41.0	92	−23	June 12	Sept. 14
Griggs	25.5	.....	†29.5	43.8	58.2	58.4	72.8	69.2	56.0	49.6	40.5	27.4	.....	103	.....	June 6	Sept. 18
Hyattville	26.3	21.4	33.7	44.8	60.8	61.0	75.1	70.8	55.8	51.4	39.6	24.2	47.0	104	−21	June 5	Sept. 19
Iron Mountain	29.2	21.2	31.2	40.2	54.6	59.0	70.4	65.8	55.0	45.8	39.0	25.2	44.7	95	−20	June 5	Sept. 17
*Lander	23.6	16.8	34.0	41.6	57.2	58.2	71.5	68.0	58.7	47.7	36.0	21.7	44.2	99	−36	.....	.....
Laramie	19.2	19.4	26.6	34.9	49.8	53.6	67.8	62.6	52.4	44.4	37.1	21.2	40.8	92	−23	May 6	Sept. 11
Leo	.....	.....	.....	.....	52.4	56.0	69.2	66.1	51.4	44.9	35.6	20.2	.....	94	.....	June 6	Sept. 14
Lovell	24.8	22.9	30.8	39.7	.....	60.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
Wyoming—Continued.																	
Lusk	25.4	13.9	31.0	42.4	55.8	59.6	73.2	69.1	55.5	46.4	36.4	23.4	44.3	97	−32	June 5	Sept. 16
Moore	.....	.....	.....	.....	.....	.....	65.2	61.6	.....	45.9	42.0	26.5	.....	.....	.....	.....	Sept. 15
Myersville	.....	15.5	26.2	36.0	53.0	55.7	67.6	63.5	.....	.....	.....	.....	.....	97	.....	.....	.....
Parkman	25.4	20.0	32.7	42.0	57.8	55.0	72.2	69.4	53.6	51.0	40.0	27.7	45.6	107	−25	June 6	Sept. 16
Pinebluff	28.6	20.3	34.4	44.2	56.5	62.4	72.9	70.2	57.8	*47.6	41.2	27.6	47.0	99	−28	June 6	Sept. 17
Rawlins	25.0	19.8	27.0	39.7	53.6	57.6	70.0	66.1	50.7	45.6	34.1	23.8	42.8	98	−22	June 5	Sept. 13
Rocksprings	.....	.....	.....	41.2	.....	.....	.....	.....	†57.9	46.5	35.8	26.8	.....	.....	.....	.....	.....
Saratoga	24.8	21.4	28.6	41.2	55.4	58.2	71.2	66.3	53.8	46.7	36.8	24.4	44.1	97	−21	June 6	Sept. 14
Sheridan	23.3	19.5	34.0	45.3	59.6	57.2	72.5	69.0	53.6	50.0	38.0	25.6	45.6	105	−34	June 6	Sept. 17
South Pass City	17.5	19.7	23.4	34.2	52.2	53.2	.....	61.2	45.5	‡42.0	27.0	°13.6	.....	.....	−22	.....	.....
Thayne	.....	.....	26.5	.....	53.0	53.2	.....	62.5	48.7	44.6	34.5	21.4	.....	.....	.....	.....	.....
Thermopolis	.....	19.8	35.8	46.4	60.5	61.6	76.4	72.4	55.8	‡50.8	36.6	22.4	.....	.....	.....	Apr. 27	Sept. 15
Wheatland	.....	24.7	39.4	48.4	59.7	62.9	77.4	72.8	63.6	.....	.....	.....	.....	105	.....	Apr. 27	Sept. 17
Cuba.																	
Aguacate	67.6	69.4	71.7	70.6	81.9	84.2	84.4	85.3	82.6	80.5	70.2	68.4	76.4	98	38	.....	.....
Australia	68.4	71.6	72.9	73.6	79.2	81.3	81.2	81.5	80.0	78.2	69.5	69.2	75.5	97	42	.....	.....
Banaguises	69.8	70.1	74.1	73.5	74.5	80.0	78.9	80.0	79.2	77.0	70.7	69.8	74.8	96	42	.....	.....
Batabano	67.2	69.2	70.3	73.5	77.8	82.4	83.2	82.7	80.2	77.4	69.6	67.5	75.1	101	44	.....	.....
Camajuani	67.0	68.8	71.8	71.0	76.2	77.9	77.2	78.0	77.6	77.1	72.0	65.8	73.4	96	45	.....	.....
*Cienfuegos	69.9	70.8	72.8	.....	.....	.....	80.7	81.2	79.6	79.0	71.8	71.6	.....	.....	.....	.....	.....
Gibara	71.2	73.6	74.8	75.0	77.7	81.3	81.2	81.8	82.2	78.7	73.2	74.2	77.1	96	49	.....	.....
Guanajay	67.9	69.9	71.4	72.9	76.5	77.6	78.0	78.4	77.6	75.6	69.6	67.8	73.6	91	49	.....	.....
Guantanamo	72.4	73.9	75.5	76.7	78.7	81.4	81.8	81.1	80.4	79.6	76.0	75.5	77.7	96	46	.....	.....
Guines	80.1	.....	86.2	85.8	77.0	77.6	81.7	81.6	78.6	74.0	73.8	80.0	80.1	93	58	.....	.....
*Havana	70.1	71.4	72.3	72.2	76.0	80.0	80.4	81.0	80.4	78.6	71.6	70.1	75.3	94	50	.....	.....
Holguin	71.7	75.2	73.9	76.0	79.7	81.1	81.0	83.0	81.6	79.4	74.6	74.4	77.6	100	49	.....	.....
Los Canos	72.4	73.1	75.0	76.4	77.4	80.2	80.4	80.5	81.0	79.9	76.4	75.2	77.4	97	43	.....	.....
Magdalena	68.6	72.4	72.4	.....	.....	.....	.....	.....	.....	.....	68.6	69.6	.....	.....	.....	.....	.....
Matanzas	68.1	69.3	72.4	70.8	72.8	76.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manzanillo	78.6	76.6	77.7	82.2	84.8	84.6	83.6	84.6	82.7	81.3	78.6	77.4	81.1	99	60	.....	.....
Moron Trocha	71.5	73.8	75.4	74.8	76.6	80.6	81.9	81.7	81.8	80.6	78.4	76.2	77.8	96	45	.....	.....
Nuevitas	67.8	76.9	78.3	80.8	83.0	83.3	85.6	88.6	85.1	83.2	.....	.....	.....	100	52	.....	.....
*Puerto Principe	69.7	72.8	74.7	74.8	78.8	80.1	80.2	81.0	80.0	78.0	72.1	72.3	76.2	96	47	.....	.....
Pinar del Rio	68.9	71.1	72.6	74.0	77.9	81.4	81.2	81.5	80.8	78.7	70.9	69.2	75.7	96	47	.....	.....
San Cayetano	70.8	73.2	71.9	74.8	75.8	81.1	80.6	81.4	81.2	78.0	70.6	68.0	75.6	97	44	.....	.....
Sancti Spiritus	72.6	72.3	73.4	74.0	75.4	77.3	78.2	79.0	76.8	77.2	69.2	69.4	74.6	99	52	.....	.....
Santa Clara	68.8	70.8	72.5	72.8	76.4	79.4	79.6	79.0	77.8	73.4	66.3	70.6	74.0	98	42	.....	.....
Santa Cruz del Sur	73.0	70.4	71.8	74.0	76.4	79.3	81.1	80.6	79.8	77.8	73.3	.....	.....	93	51	.....	.....
*Santiago de Cuba	75.4	76.6	77.3	78.6	79.8	81.8	81.6	82.6	80.5	79.4	75.9	75.4	78.7	94	57	.....	.....
Soledad	69.2	70.2	71.8	72.8	76.6	79.2	79.4	79.2	78.0	77.6	67.6	70.0	74.3	92	47	.....	.....
Soledad, Guantanamo	72.7	73.9	75.0	75.6	77.2	80.1	79.8	80.0	79.8	79.0	76.0	75.2	77.0	94	44	.....	.....
Union de Reyes	71.0	69.8	73.6	75.2	78.4	81.6	82.1	83.2	81.4	.....	.....	71.7	.....	93	.....	.....	.....
Yaguajay	71.1	72.7	74.6	74.8	79.2	80.4	80.4	81.8	81.0	79.0	71.0	70.7	76.4	99	52	.....	.....
Porto Rico.																	
Adjuntas	.....	.....	.....	.....	.....	.....	75.2	.....	74.4	73.8	71.4	69.4	.....	.....	.....	.....	.....
Aguadilla	72.7	.....	77.6	79.2	81.0	.....	.....	.....	.....	.....	78.2	75.8	.....	.....	.....	.....	.....
Aguirre	.....	.....	.....	78.8	81.0	81.7	81.0	82.0	81.0	80.4	78.8	77.0	.....	.....	.....	.....	.....
Arecibo	72.0	72.8	74.1	76.1	78.2	80.0	78.5	79.2	79.8	79.2	76.8	74.3	76.8	98	59	.....	.....
Barros	.....	.....	.....	69.6	.....	.....	.....	.....	.....	.....	73.6	72.8	.....	.....	.....	.....	.....
Bayamon	74.6	76.6	76.6	79.0	80.4	80.8	80.9	81.1	.....	.....	78.8	77.2	.....	.....	55	.....	.....
Caguas	.....	73.6	73.8	76.2	77.5	78.4	78.8	.....	78.8	76.5	75.4	73.3	.....	.....	.....	.....	.....
Canovanas	74.8	77.0	77.6	79.7	81.4	80.8	80.4	81.3	81.4	80.4	78.2	76.2	79.1	97	61	.....	.....
Cayey	73.1	74.4	75.5	75.9	78.0	79.3	79.2	80.8	79.4	77.0	76.0	75.0	77.0	100	52	.....	.....
Cidra	70.9	71.9	71.8	74.6	76.8	77.0	77.0	79.2	.....	.....	75.2	77.8	.....	.....	.....	.....	.....
Coamo	76.4	76.8	77.4	78.0	79.2	81.2	81.4	81.7	80.8	79.7	.....	77.4	.....	.....	.....	.....	.....
Comerio	73.0	74.2	.....	76.0	78.1	78.8	78.5	.....	.....	.....	.....	77.4	.....	.....	.....	.....	.....
Corozal	71.8	73.1	73.6	76.6	78.4	78.9	78.8	79.0	79.0	78.3	75.6	72.4	76.3	95	51	.....	.....
Fajardo	76.5	77.6	78.4	80.0	81.5	81.1	81.1	83.2	83.2	81.6	79.6	78.4	80.3	96	59	.....	.....
Hacienda Amistad	72.6	74.2	74.6	77.3	79.4	79.3	.....	79.4	79.2	78.4	76.2	73.6	.....	.....	.....	.....	.....
Hacienda Colosa	73.7	74.4	75.0	76.9	79.6	79.6	79.2	79.5	79.6	79.0	76.2	75.4	77.3	97	55	.....	.....
Hacienda Perla	74.8	75.5	76.2	78.9	80.0	79.9	79.4	80.6	80.8	80.8	78.6	75.8	78.4	93	61	.....	.....
Humacao	80.4	77.8	72.2	81.6	83.8	76.6	82.2	83.6	83.9	82.2	80.0	77.8	80.2	92	66	.....	.....
Isabela	75.3	76.2	75.6	77.0	78.6	79.6	80.4	81.9	81.8	80.2	78.0	77.2	78.5	94	60	.....	.....
Isolina	72.0	73.2	73.5	74.6	76.3	77.2	76.6	77.8	77.4	76.7	74.2	73.4	75.2	92	58	.....	.....
Juan Diaz	76.0	75.2	77.8	79.4	79.2	82.2	.....	.....	81.0	80.2	78.8	.....	.....	.....	.....	.....	.....
Las Marias	.....	.....	.....	.....	.....	.....	79.0	80.0	80.2	80.0	77.5	77.6	.....	.....	.....	.....	.....
Manati	74.6	75.9	75.9	78.0	79.9	80.4	80.5	81.3	81.2	80.4	77.8	75.4	78.4	97	57	.....	.....
Maunabo	78.3	78.2	77.4	80.5	78.6	82.2	83.0	83.4	83.2	82.0	80.0	78.0	79.6	.....	.....	.....	.....
Mayaguez	76.6	77.6	77.0	79.0	80.0	80.7	80.0	80.8	80.8	80.1	77.6	74.4	78.7	94	61	.....	.....
Morovis	72.0	72.6	73.6	75.5	78.3	78.1	78.2	79.3	78.0	76.6	.....	.....	.....	.....	.....	.....	.....
Ponce	.....	.....	.....	79.8	76.6	76.4	75.5	81.0	80.8	.....	.....	76.1	.....	.....	.....	.....	.....
*San Juan	75.8	77.0	76.8	78.6	80.2	80.2	79.8	81.2	81.3	80.4	78.4	77.0	78.9	93	67	.....	.....

PART V.

MONTHLY AND ANNUAL PRECIPITATION, 1901—ALL STATIONS.

The precipitation values given in the following tables have been taken largely from the records of voluntary (unpaid) observers. The paid stations of the Weather Bureau are indicated by an asterisk (*). Probably two-thirds of the voluntary observers have standard rain gages, the remainder having gages similar in pattern to the standard, or, in a few cases, improvised gages of their own construction.

The bracketed values have been obtained by a comparison of the data for adjacent stations, and are to be considered only as an approximation to the true amount.

When two or more observers reside in the same city, the reports of all are given. The discrepancies between the amounts recorded by the separate observers are often considerable; in general, they are due to differences in exposure, although at times one observer may make the last measurement of the month at 6 o'clock a. m., whereas another observer may defer it to 9 p. m., thus causing a difference in the amounts recorded on the last day of the month.

The small roman letters in the body of the table indicate the number of days missing from the records for the months in which they appear; thus "c" indicates three days missing, "d" four days, etc.

The elevation of each station above sea level, where known, is given in the second column of the table. The altitudes have been compiled from a variety of sources, but the greatest number has been taken from railroad surveys; the altitudes refer, therefore, to the height of the track at the local station rather than the point at which rainfall or temperature observations are made. It has not been possible to obtain the latter, except in a very few cases.

The monthly and seasonal amounts of snowfall for the winter of 1901–1902 are given for selected stations in the United States at the end of Part V.

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MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Alabama.													
Ashville	5.73	3.56	10.14	6.42	5.65	2.65	2.51	11.45	3.81	0.56	1.63	10.87	64.98
Benton	5.42	4.32	6.77	4.06	5.61	2.61	2.48	7.50	5.37	.....	2.67	6.35	.....
Bermuda	3.22	3.32	[a] 7.20	5.63	3.73	1.64	4.12	7.69	4.28	1.19	1.60	9.65	53.27
*Birmingham	6.00	3.64	5.81	4.94	4.51	1.91	5.34	13.83	5.59	0.23	1.72	9.07	61.59
*Bridgeport	6.55	2.22	8.24	7.00	4.43	2.03	.....	13.32	4.21	0.23	1.46	7.95	.....
Burkville	5.40	5.00	6.70	4.19	5.12	1.04	1.11	5.40	3.95	2.20	2.42	.....	.....
Calera	6.59	4.15	8.46	5.25	4.45	4.80	2.54	6.66	7.33	0.42	1.79	6.92	59.36
Camp Hill	3.90	4.08	7.62	4.46	5.96	5.88	3.42	6.28	3.46	3.35	1.25	9.99	59.65
Citronelle	5.53	6.66	4.35	6.96	3.61	2.67	7.46	15.91	3.13	2.88	1.54	7.39	68.29
Clanton	7.82	5.02	7.23	4.12	5.86	0.86	4.55	5.18	2.95	0.79	2.26	4.15	50.29
Cordova	.....	.....	.....	.....	.....	.....	2.98	12.20	7.40	0.50	0.17	5.37	.....
Daphne	2.74	1.36	6.91	6.62	2.52	2.17	6.60	16.75	3.02	[g] 0.63	[1] 2.15	6.42	57.89
*Decatur	5.47	2.39	6.41	5.19	3.63	2.97	0.72	10.33	6.80	1.15	1.88	6.41	53.35
*Demopolis	4.01	6.23	5.17	[b] 5.81	5.47	3.25	2.67	7.86	4.54	0.35	2.87	7.54	55.77
Elba	4.43	7.70	.....	5.88	.....	.....	.....	.....	.....	.....	3.65	.....	.....
*Eufaula [1]	4.28	7.17	7.82	3.68	5.73	2.65	3.08	10.07	11.45	1.91	1.11	5.13	64.08
*Eufaula [2]	4.54	6.59	7.52	3.45	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eutaw	3.26	3.66	3.26	4.11	5.59	2.00	3.25	5.04	2.94	1.55	2.90	9.96	47.52
*Evergreen	5.39	6.76	8.08	6.91	4.47	0.89	4.53	3.30	3.25	0.99	0.50	6.19	51.26
Flomaton	.....	.....	.....	.....	.....	.....	.....	.....	3.87	1.48	1.30	6.78	.....
*Florence [2]	5.71	3.07	4.34	3.95	2.31	4.09	0.84	8.04	6.56	0.93	1.65	4.57	46.06
Florence [3]	5.66	2.70	4.45	3.98	2.32	5.15	.....	.....	6.50	0.94	1.16	4.43	.....
*Fort Deposit	.....	.....	.....	5.62	5.65	3.67	1.60	9.80	2.80	1.90	2.20	10.92	.....
*Gadsden	5.56	3.59	9.05	6.15	5.23	4.10	1.44	10.44	4.20	1.13	2.03	10.07	62.90
*Goodwater	7.11	5.26	5.01	4.39	5.31	4.78	6.14	8.54	2.67	1.28	1.84	7.76	60.09
Greensboro	4.34	4.58	5.23	6.28	6.09	.....	3.09	5.63	4.02	0.25	2.59	7.63	.....
Greenville	5.33	6.43	7.64	6.08	3.92	4.02	4.01	4.35	4.10	0.90	2.31	12.55	61.64
Hamilton	6.48	5.15	6.10	5.45	6.66	1.21	.....	6.52	4.28	1.23	2.12	5.57	.....
Healing Springs	4.89	4.99	5.26	6.32	3.81	3.56	1.72	10.07	2.29	1.40	.....	.....	.....
Helena	5.05	5.16	4.50	4.50	4.90	4.80	2.10	6.55	2.26	1.50	.....	.....	.....
Highland Home	4.79	5.99	7.14	5.48	.....	4.76	4.80	4.92	2.83	0.43	1.53	.....	.....
Letohatchee	4.08	4.23	2.64	5.67	5.12	3.70	1.04	4.32	3.60	1.50	2.56	9.00	47.46
*Livingston	2.26	3.27	1.39	4.55	3.28	2.04	3.27	6.54	1.10	0.42	1.47	5.78	35.37
*Lock No. 4	11.72	3.96	6.22	6.27	3.98	1.85	3.79	8.64	5.08	2.50	1.10	8.38	63.49
Madison Station	5.77	2.60	6.31	4.83	3.92	4.15	1.87	12.61	9.21	0.79	2.20	8.44	62.70
Maplegrove	8.59	4.00	8.32	6.18	6.84	0.95	1.32	14.76	4.23	1.10	1.77	11.94	70.00
*Marion	4.20	4.15	5.20	4.10	5.25	0.46	1.31	4.85	3.00	0.90	2.75	4.60	40.77
*Mobile	4.62	4.04	8.84	7.79	2.85	2.71	8.95	9.77	2.51	0.73	1.09	8.44	62.34
*Montgomery	4.75	3.89	5.80	6.05	5.21	1.55	1.85	6.91	5.02	0.22	2.23	8.76	52.24
Mount Willing	6.09	6.00	.....	.....	8.34	3.13	4.91	7.75	2.95	0.56	.....	.....	.....
Newbern	3.71	4.45	6.30	5.45	5.71	2.24	2.14	5.31	4.03	0.55	2.35	7.10	49.34
Newburg	5.03	2.75	5.25	5.12	7.45	4.23	3.94	12.68	5.01	.....	.....	5.75	.....
Notasulga	5.53	4.09	7.74	5.16	5.57	4.05	0.35	8.81	4.17	1.18	1.64	7.67	55.96
Oneonto	6.76	4.27	8.68	5.58	8.00	3.18	4.24	10.45	4.17	0.70	2.02	10.23	68.23
*Opelika	9.59	7.14	9.63	7.60	4.09	4.08	3.45	5.82	3.35	0.50	1.25	10.88	67.38
Oxanna	4.64	4.54	5.17	6.28	6.11	4.73	5.13	7.37	3.16	0.70	1.44	8.40	57.67
*Pineapple	4.75	5.40	3.00	3.43	4.55	2.95	1.65	.....	.....	.....	.....	.....	.....
Pushmataha	4.75	4.50	3.07	6.19	4.01	5.25	4.29	11.99	2.79	0.69	2.13	7.94	57.60
Riverton	5.60	2.13	3.89	3.67	2.52	1.83	4.72	10.55	3.97	1.17	1.70	5.86	47.61
Scottsboro	4.95	2.52	7.09	5.35	4.90	2.42	1.01	8.77	6.09	0.63	2.61	6.60	52.94
*Selma	2.74	4.39	5.01	4.27	5.32	1.70	2.11	6.44	3.95	0.21	2.17	6.57	44.88
Talladega	5.62	4.54	6.09	6.46	5.82	2.57	3.91	6.97	3.66	1.64	1.32	7.44	56.04
*Tallassee	6.44	4.03	7.17	4.88	4.89	2.14	2.40	4.65	3.85	0.82	1.87	12.77	55.91
*Thomasville	3.25	2.06	8.57	5.15	4.24	3.25	3.13	9.23	2.56	1.75	0.94	2.69	46.82
*Tuscaloosa	4.67	3.31	3.97	4.68	4.16	2.72	2.81	6.94	3.45	1.35	2.30	8.46	48.82
*Tuscumbia	.....	.....	.....	4.02	3.63	3.90	1.07	10.08	4.83	1.18	.....	.....	.....
Tuskegee	5.45	3.18	5.14	3.74	4.87	3.28	2.37	6.70	2.07	1.29	1.42	11.46	50.97
*Union Springs	4.85	6.50	8.95	5.40	7.86	4.31	2.75	6.88	5.86	1.80	2.60	8.45	65.61
Uniontown	5.28	5.43	3.73	.....	4.80	2.63	5.60	5.53	4.30	0.57	5.14	8.86	.....
Valleyhead	5.03	3.10	9.22	5.03	9.34	3.31	8.91	13.80	3.65	0.58	2.40	9.45	73.82
Verbena	5.42	4.73	8.77	5.57	4.97	1.91	5.50	7.43	3.53	0.63	2.20	7.24	57.90
Wetumpka	5.07	3.40	6.35	4.93	4.11	2.63	1.96	3.68	3.72	0.97	1.44	8.96	47.22
Alaska.													
Coal Harbor	3.16	5.84	1.98	3.54	0.66	2.21	1.64	1.63	2.80	7.45	3.25	8.87	43.03
Fort Liscum	.....	0.80	6.38	6.20	1.45	1.13	4.77	16.20	12.72	10.31	6.10	7.53	.....
Fort Yukon	1.95	0.03	0.38	0.56	0.46	0.41	.....	.....	.....	.....	.....	.....	.....
Holy Cross Mission	1.46	2.46	1.06	0.55	0.13	0.85	0.92	4.50	.....	.....	.....	.....	.....
Juneau Wharf	9.57	6.32	8.23	8.19	3.47	2.13	1.98	14.04	11.41	16.50	3.52	13.33	98.69
Kinai	0.64	0.07	0.32	0.85	0.30	0.06	1.66	4.85	2.27	1.69	0.64	0.19	13.54
Killisnoo	6.95	6.05	5.40	1.15	4.00	1.60	1.40	5.95	5.50	9.10	3.55	5.30	55.95
Orca	16.17	1.21	16.91	.....	.....	.....	3.62	27.02	26.36	24.71	8.02	9.75	.....
Sitka	9.33	6.38	7.80	7.17	4.86	1.26	0.45	10.03	9.82	15.59	6.16	10.18	89.03
Tyeonok	1.55	0.20	0.62	1.00	0.04	0.53	2.68	5.77	3.16	2.73	0.45	1.13	19.86
Wood Island	2.62	0.30	3.85	4.20	3.45	4.50	3.56	5.13	5.98	8.95	4.82	11.10	58.46
Arizona.													
Allaire Ranch	1.00	1.31	0.51	0.19	0.16	0.00	5.15	1.93	0.54	0.87	0.45	0.17	12.28
Arivaca	1.53	2.08	0.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona Canal Company Dam	1.05	1.91	0.30	0.08	0.07	0.00	0.79	2.38	0.00	0.55	0.47	0.00	7.60
Aztec	0.21	0.86	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12
Benson	0.74	0.35	T.	0.00	T.	0.00	.....	0.76	0.12	1.00	0.25	0.00	.....

[1] Cotton region observer. [2] River observer. [3] Richard Smith.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept	Oct.	Nov.	Dec.	Annual
Arizona—Continued.													
Bisbee	1.72	2.57	0.88	0.12	0.17	T.	3.11	2.97	0.94	2.56	0.59	0.10	15.73
Bowie	1.16	1.53	0.75	0.06	0.18	0.00	3.79	2.00	1.00	1.20	0.30	0.00	11.97
Buckeye	0.80	1.40	0.40	0.00	0.00	0.00	T.	0.80	0.00	0.30	0.00	0.00	3.70
Camp Creek	1.45	3.14	1.89	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Casagrande	0.84	1.30	T.	0.00	0.10	0.00	0.90	1.45	0.00	0.45	0.00	0.00	5.04
Champie Camp	1.70	3.10	0.60	.....	.....	0.00	1.80	1.70	0.00	0.80	0.50	0.00	.....
Cochise	0.69	2.12	0.53	0.10	0.60	0.00	2.65	2.04	0.50	1.06	0.72	0.07	11.08
Congress	0.91	2.71	0.35	0.00	0.30	0.00	1.27	1.39	T.	0.30	0.12	0.00	7.35
Dragoon	0.69	1.47	T.	0.52	0.21	0.00	2.32	3.06	0.84	2.05	0.90	T.	12.06
Dudleyville	2.58	2.93	1.35	0.33	0.22	0.00	1.91	2.62	0.12	1.93	0.09	0.07	14.15
Duncan	.....	.....	.....	.....	.....	T.	2.30	0.80	3.90	2.20	0.50	0.10	.....
*Flagstaff	2.85	8.36	0.94	0.22	2.27	0.02	3.02	1.52	0.15	1.90	0.09	0.14	21.48
Fort Apache	2.87	2.60	1.20	0.20	1.15	0.00	3.38	1.45	0.45	1.22	0.65	1.80	16.97
Fort Defiance	1.40	2.40	0.17	0.90	3.38	0.02	2.24	0.99	0.35	0.65	0.40	0.43	13.33
Fort Grant	2.05	0.50	0.80	T.	T.	0.00	4.37	1.32	1.20	1.64	0.52	T.	12.40
Fort Huachuca	1.70	2.39	0.72	0.30	0.90	0.00	4.19	4.79	0.74	1.80	1.10	0.01	18.64
Fort Mohave	0.35	4.23	0.00	0.00	0.02	0.00	.....	[1]0.01	0.00	0.03	0.00	0.00	.....
Gilabend	0.15	0.90	0.50	T.	0.00	0.00	0.60	0.00	0.00	0.40	0.00	0.00	2.55
Globe	.....	.....	.....	.....	0.60	0.00	2.71	.....	0.87	1.23	0.32	T.	.....
Ingleside	0.59	0.83	0.34	0.03	0.26	T.	.....	2.04	0.00	0.94	0.00	0.00	.....
Jerome	1.10	5.41	0.50	0.30	0.90	0.00	0.80	2.20	0.00	2.30	0.70	0.00	14.21
Kingman	.....	.....	.....	.....	.....	0.00	0.50	1.81	0.00	0.10	0.00	0.00	.....
Maricopa	0.75	1.65	T.	0.00	T.	T.	1.50	0.39	0.00	0.40	0.00	0.00	4.69
Mesa	0.63	1.22	0.73	T.	T.	T.	0.48	3.21	T.	0.50	0.34	T.	7.11
Mohawk Summit	0.10	1.87	0.18	T.	0.00	0.00	0.27	0.43	0.00	0.10	0.00	0.00	2.96
Mount Huachuca	2.85	4.32	0.82	0.09	T.	0.09	5.39	3.36	3.04	1.73	1.32	0.29	23.30
Natural Bridge	2.43	3.57	1.23	0.30	1.24	0.00	2.51	1.36	0.20	1.04	0.66	0.00	14.54
Nogales	.....	3.43	0.24	0.14	0.44	0.00	3.71	7.97	2.03	1.70	0.21	0.08	.....
Oracle	3.26	5.81	1.19	0.40	0.46	0.00	3.22	0.99	0.15	1.93	0.28	T.	17.69
Oro	1.64	1.79	0.96	0.13	0.55	0.00	1.54	1.00	1.08	1.51	0.80	0.00	11.00
Pantano	2.30	1.00	0.00	0.20	0.20	.....	6.40	.....	.....	.....	.....	.....	.....
Parker	0.20	3.25	T.	0.00	T.	0.00	T.	0.30	T.	T.	0.00	0.00	3.75
Peoria	0.50	0.89	0.20	0.00	0.10	0.00	.....	.....	.....	.....	.....	.....	.....
*Phoenix	0.43	1.46	0.33	T.	0.10	0.00	0.95	1.73	T.	0.46	0.01	0.00	4.87
Phoenix[1]	0.42	1.26	0.23	T.	0.21	0.00	0.82	1.74	0.00	0.55	0.13	0.00	5.36
Pima	1.43	2.03	.....	0.30	0.91	0.00	1.84	0.17	0.46	1.94	T.	0.12	.....
Pinal Ranch	4.01	3.91	1.27	0.74	0.44	0.00	3.15	1.52	1.62	1.50	0.15	0.16	18.47
Prescott	1.10	2.52	0.72	0.03	1.18	0.00	3.70	1.59	0.00	0.73	1.40	0.00	12.97
St. Johns	.....	.....	.....	.....	.....	.....	.....	.....	0.22	0.77	0.00	0.80	.....
San Carlos	2.05	2.74	0.78	0.11	0.87	0.00	3.24	1.46	1.93	0.95	0.20	0.00	13.83
Sentinel	0.33	1.58	T.	0.00	0.00	0.00	T.	0.00	0.00	T.	0.00	0.00	1.91
Showlow	2.52	3.07	0.66	0.60	1.58	0.25	2.84	1.75	0.35	1.50	0.36	0.30	15.78
Signal	0.40	3.00	T.	0.00	T.	0.00	T.	0.74	T.	[1]T.	0.00	0.00	4.14
Silverking	3.24	3.40	1.34	0.60	0.55	0.00	4.79	1.09	1.75	1.10	0.10	0.00	17.96
Strawberry	3.14	3.81	1.66	0.77	0.85	0.00	2.96	2.88	0.15	0.88	0.95	0.05	18.10
Supai	0.39	1.09	0.38	0.00	T.	0.34	0.50	1.35	0.00	.....	.....	.....	.....
Superstition	.....	.....	.....	.....	.....	.....	.....	2.65	0.34	1.41	0.24	T.	.....
Taylor	.....	.....	.....	.....	.....	[b]T.	1.29	2.08	0.10	0.26	0.05	0.25	.....
Tombstone	0.89	1.19	0.31	0.24	0.20	T.	3.23	5.13	1.23	1.51	0.77	0.14	14.84
Tonto	2.48	2.80	0.58	0.25	0.96	0.00	2.08	0.83	0.12	0.47	0.42	0.01	11.00
Truxton	.....	.....	.....	.....	.....	0.00	0.51	2.37	0.00	[b]T.	.....	.....	.....
Tuba	0.83	0.73	0.20	.....	T.	T.	0.45	0.09	0.00	0.30	[2]T.	0.00	.....
Tucson	1.15	1.38	0.64	0.04	0.41	0.00	2.57	1.99	0.28	1.18	0.08	0.00	9.72
Vail	0.16	0.16	0.00	0.07	0.12	0.00	1.65	0.64	0.07	0.15	0.05	0.20	3.27
Walnut Grove	0.62	2.19	0.00	0.00	0.05	0.00	0.05	2.48	0.00	1.00	0.10	0.00	5.89
Willcox	1.75	0.55	0.31	0.00	0.16	0.00	1.13	2.29	0.30	0.66	0.20	0.10	7.45
Yarnell	1.30	3.17	0.50	T.	0.59	T.	2.23	2.14	0.02	0.67	0.48	0.00	11.10
*Yuma	0.12	3.01	0.30	T.	T.	0.00	T.	0.22	0.00	T.	0.00	0.00	3.65
Arkansas.													
Amity	1.50	3.11	6.69	5.35	7.27	2.64	4.90	2.27	5.54	1.74	4.34	6.26	51.61
Arkadelphia	2.54	2.43	3.88	5.48	3.89	•1.49	3.28	2.95	3.80	2.20	3.80	4.24	39.98
*Arkansas City	1.21	3.46	2.45	1.37	2.70	1.40	0.10	3.87	2.58	0.96	1.95	4.51	26.56
Batesville	2.63	2.87	4.82	3.86	2.74	0.66	0.10	0.90	1.45	1.20	2.18	5.30	28.71
Beebranch	1.60	2.10	5.50	3.45	1.45	0.85	2.60	2.35	1.55	1.55	3.00	5.95	31.95
Blanchard Springs	3.15	4.07	3.69	3.21	7.85	0.73	5.22	4.87	2.24	2.08	4.10	4.20	45.41
*Brinkley	2.54	2.80	3.45	3.66	1.42	0.83	0.94	2.92	5.00	4.16	1.58	4.10	33.40
*Camden[2]	4.40	3.88	3.69	3.94	6.93	2.13	3.30	2.54	4.32	3.06	3.10	5.78	47.01
Camden[3]	4.10	4.45	3.57	3.73	6.00	0.96	4.69	0.82	5.20	3.39	3.11	5.40	45.42
Conway	1.21	3.87	5.58	3.12	1.24	1.01	0.89	2.21	1.86	2.22	3.46	4.93	31.60
Corning	0.92	2.69	3.87	3.50	1.45	1.14	0.48	1.87	0.77	1.24	1.57	4.98	24.48
Dallas	1.58	2.82	5.77	3.78	4.94	1.99	4.96	3.33	5.81	0.98	2.51	5.43	43.90
*Dardanelle	1.13	2.08	5.16	3.28	0.43	1.68	2.92	2.00	1.33	2.07	2.62	5.73	30.43
Dutton	.....	.....	.....	4.01	1.59	3.18	2.91	3.02	.....	.....	.....	.....	.....
Elon	4.89	2.42	4.75	2.32	5.21	0.45	4.89	3.06	3.59	1.74	3.29	.....	.....
Fayetteville	1.05	1.16	3.88	4.23	1.26	1.89	1.50	3.95	0.50	2.64	3.34	3.48	28.88
*Forrest City	.....	.....	.....	3.26	.....	4.13	0.49	3.80	5.09	.....	.....	.....	.....
*Fort Smith	0.96	0.78	3.44	3.35	2.52	1.44	3.23	0.58	0.42	1.98	2.19	1.88	22.77
*Fulton	2.36	3.13	4.93	4.09	2.70	1.04	4.40	4.99	2.07	2.16	2.99	5.05	39.91
Hardy	1.02	2.57	4.79	3.48	1.20	0.38	2.00	1.72	0.17	0.53	2.05	.....	.....
*Helena[2]	2.77	2.17	4.32	2.28	4.13	0.33	0.68	9.14	4.10	1.80	2.63	4.04	38.39
*Helena[4]	2.53	2.80	3.76	2.33	3.95	0.30	0.56	8.53	6.25	1.88	2.49	.....	.....
Hot Springs	1.82	1.81	5.18	3.87	1.94	.....	5.97	1.22	.....	1.63	3.86	.....	.....
Ione	.....	.....	5.23	4.61	2.35	3.24	.....	1.27	1.07	1.21	3.21	.....	.....
Jonesboro	1.80	3.43	4.72	3.20	1.66	1.27	2.95	3.20	2.00	1.06	1.98	6.03	33.30
Keesees Ferry	1.10	1.44	4.35	4.22	1.45	1.02	1.55	2.44	0.32	0.68	2.30	3.62	24.49
Lacrosse	1.51	1.90	6.76	3.35	1.48	0.37	3.30	[b]0.45	.....	1.25	2.63	.....	.....
*Little Rock	2.11	1.71	4.43	4.96	2.45	1.19	2.90	1.38	7.07	1.59	2.81	4.21	36.81
Lonoke	2.73	2.21	4.47	4.30	3.05	2.25	2.18	1.87	4.02	1.65	3.01	.....	.....
Lutherville	1.42	1.98	5.65	3.60	3.08	2.11	2.14	4.21	0.98	3.06	2.95	4.58	35.76

[1] Agricultural experiment station. [2] River observer. [3] A. L. Morgan. [4] Cotton region observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Arkansas—Continued.													
*Malvern	.....	3.20	3.79	4.24	2.59	1.56	1.29	3.70	4.08	1.75	3.45	5.70	.....
Marianna	2.85	2.44	3.05	2.61	1.58	2.48	1.20	5.73	6.55	3.20	2.32	3.98	38.29
Marvell	2.54	2.39	3.03	3.16	4.59	0.25	1.49	4.98	8.87	3.10	2.86	4.33	41.59
Mossville	0.85	0.74	*5.86	4.59	2.99	2.01	2.76	2.62	0.41	1.59	4.83	4.00	33.25
Mount Nebo	2.17	2.62	6.95	3.66	1.50	1.41	2.40	2.40	0.35	2.20	2.42	4.98	33.06
New Gascony	3.43	2.09	4.45	3.60	4.13	2.15	0.89	2.86	7.81	3.18	3.68	4.65	42.92
*Newport[1]	2.55	2.87	5.36	1.90	2.89	1.52	1.04	1.85	3.05	1.74	2.79	5.53	33.09
*Newport[2]	3.42	2.38	4.19	2.03	3.03	1.45	0.87	1.77	2.78	1.38	3.06	5.18	32.12
Newport[3]	2.79	3.22	5.20	2.39	2.71	1.16	1.10	1.67	3.00	1.81	2.89	5.33	33.27
Oregon	1.00	0.90	4.00	3.98	1.13	0.47	1.91	1.24	0.81	0.65	3.35	3.71	23.15
Osceola	3.06	2.66	4.67	2.19	4.35	1.29	2.16	4.13	2.40	2.73	2.03	3.85	35.52
Ozark	1.13	1.63	7.32	4.26	5.10	1.07	2.29	3.42	0.38	2.09	2.90	3.30	34.89
*Pine Bluff	3.59	2.28	5.50	3.99	3.20	0.99	0.46	2.82	4.19	2.56	3.29	4.34	37.21
Pocahontas	1.13	3.48	3.90	3.35	0.70	0.26	0.96	3.15	1.36	1.09	2.24	4.19	25.81
Pond	0.76	1.70	3.51	3.27	0.49	2.42	0.95	2.98	2.61	1.99	3.65	2.63	26.96
*Prescott	2.32	2.89	4.19	4.49	2.87	1.31	4.28	2.66	3.76	2.33	3.47	4.01	38.58
Rison	3.82	2.93	3.60	4.43	4.56	.....	.....	.....	3.46	2.20	3.04	1.92	.....
Rosadale	0.82	,2.25	5.48	4.22	4.52	1.17	2.53	2.73	7.56	1.96	2.42	5.04	41.02
*Russellville	1.71	1.69	*6.38	1.85	1.94	2.40	3.01	2.24	0.89	2.18	2.54	4.41	31.24
Silver Springs	0.97	1.74	3.13	3.51	0.57	1.53	1.54	2.26	2.03	2.00	3.04	0.99	20.31
Spielerville	1.50	2.00	5.73	4.79	2.29	1.36	4.39	1.80	1.10	3.13	3.52	.....	.....
Stuttgart	2.97	2.74	3.62	2.85	3.17	2.03	1.36	3.46	4.35	4.21	2.98	3.92	37.66
*Texarkana	2.17	2.61	3.20	3.11	4.29	1.44	4.33	2.22	0.89	1.75	2.79	4.34	33.14
*Warren	4.06	3.87	4.92	4.06	4.69	0.33	3.11	5.30	3.89	5.03	3.21	5.79	48.26
Washington	2.41	2.48	5.68	4.42	3.95	1.60	4.61	3.68	3.39	2.54	2.69	5.00	42.45
Wiggs	1.94	2.38	6.22	4.91	5.35	2.14	3.84	4.02	5.63	2.18	3.92	6.07	48.60
Winchester	3.64	2.72	4.75	2.50	.....	.....	1.39	1.23	4.48	3.30	2.91	4.67	.....
Winslow	2.04	1.36	4.00	5.15	2.51	3.58	2.95	5.41	0.94	3.02	4.08	2.11	37.15
Witts Springs	1.95	1.11	5.30	2.93	3.51	0.46	1.47	[1]1.96	0.50	1.58	3.40	5.97	30.14
California.													
Angiola	2.71	.....	.....	1.10	1.10	0.00	0.00	0.00	0.35	0.35	.....	T.	.....
Bakersfield	.....	.....	.....	0.30	1.09	0.00	0.00	0.00	0.16	0.13	0.00	0.10	.....
Ballast Point light-house	2.17	4.17	1.52	0.18	0.55	0.00	0.00	0.00	0.03	0.25	0.41	0.08	9.36
Bear Valley	14.91	20.04	4.75	7.56	1.69	0.00	T.	0.00	3.98	4.45	6.78	5.92	70.08
Bellevue	.....	2.46	0.62	0.29	1.13	.....	.....	.....	.....	.....	.....	.....	.....
Berkeley	5.86	5.91	0.91	3.06	1.02	0.00	0.00	0.00	1.30	0.68	3.16	1.48	23.38
Bishop	4.89	1.01	T.	0.50	1.29	T.	T.	0.93	0.00	0.81	0.61	0.12	10.16
Boca	7.17	6.76	2.24	2.04	1.86	0.00	0.00	0.08	0.40	0.80	1.15	3.77	26.27
Bodie	7.39	2.94	1.58	1.74	0.77	0.10	0.39	1.62	0.20	1.60	1.39	0.40	20.12
Bowman	14.30	18.79	4.67	5.99	1.73	T.	T.	0.05	4.12	4.28	7.54	8.01	69.48
Branscomb	21.13	10.77	4.23	6.56	0.95	0.00	0.01	T.	4.84	3.19	11.91	9.61	73.20
Caliente	0.89	2.10	0.35	1.33	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.85
Campbell	3.81	5.15	0.65	2.63	0.85	0.02	T.	0.02	0.27	0.56	1.45	0.30	15.71
Cape Mendocino light-house	9.45	10.80	2.90	3.50	1.25	0.00	0.00	0.20	3.30	1.86	4.60	3.25	41.10
Cedarville	2.15	3.13	1.42	1.44	0.53	0.17	T.	0.88	1.00	1.22	0.74	1.75	14.43
Chico	4.60	5.09	0.24	2.70	0.75	0.00	0.00	0.00	0.79	1.07	3.47	1.56	20.27
Cisco	10.95	22.45	4.70	4.40	3.25	0.00	0.00	0.00	2.41	3.27	.....	.....	.....
Claremont	4.48	5.13	0.44	0.55	1.02	0.04	0.00	0.00	0.05	2.44	0.69	0.02	14.86
Corning	6.09	5.00	0.00	1.50	1.07	0.00	0.00	0.00	0.50	1.42	4.03	1.05	20.66
Crescent City	10.67	13.73	7.02	6.31	2.40	0.42	0.09	0.23	6.28	3.56	8.10	9.50	68.31
Crescent City light-house	8.58	12.76	6.34	6.14	3.21	0.11	0.11	0.21	4.35	3.82	9.28	9.32	74.23
Cuyamaca	8.17	13.26	2.32	1.24	3.87	0.00	T.	0.09	0.08	1.94	1.48	0.52	32.97
Delano	1.79	1.62	0.15	0.86	1.48	0.00	0.00	0.00	0.57	0.41	0.26	0.00	7.14
Delta	13.43	9.28	1.58	6.81	0.65	0.00	0.00	0.00	2.28	2.95	11.27	5.55	53.80
Drytown	4.73	8.83	1.58	.....	.....	.....	.....	.....	1.05	.....	.....	.....	.....
Dunnigan	5.04	5.45	0.21	2.03	1.02	0.00	0.00	0.00	0.13	1.17	4.64	0.46	19.85
Durham	4.65	5.89	0.42	3.92	0.52	0.00	T.	0.00	1.19	1.44	4.14	1.62	23.79
East Brother light-house	5.00	5.50	0.60	1.75	1.10	0.00	0.00	0.00	0.45	0.75	4.30	0.70	20.15
Edmanton	16.79	15.36	4.94	5.62	1.34	T.	0.00	0.50	4.86	4.27	8.85	6.81	69.34
Elcajon	1.89	.....	.....	.....	0.67	.....	.....	0.00	0.00	0.32	0.28	0.43	.....
Elmdale	1.85	3.81	0.33	1.50	0.71	0.00	T.	T.	0.20	0.60	1.85	0.65	11.50
Elsinore	3.59	4.61	0.42	0.10	0.47	T.	0.00	0.74	0.00	1.08	0.35	0.00	11.36
Escondido	2.86	5.21	0.52	0.18	1.31	0.00	T.	0.04	0.00	0.62	0.43	0.05	11.22
*Eureka	9.93	7.41	3.86	4.08	1.50	0.12	0.03	T.	4.26	2.46	3.96	4.43	42.04
Fallbrook	4.24	5.17	0.42	0.10	1.26	0.06	0.00	0.08	T.	0.87	0.75	T.	12.95
Folsom City	5.00	6.87	0.58	3.65	0.45	0.00	T.	0.11	1.06	3.33	3.71	1.70	26.46
Fordyce Dam	11.22	16.34	4.30	6.05	2.04	T.	0.00	0.60	3.25	4.95	6.67	6.12	61.54
Fort Ross	7.70	9.72	1.24	7.43	1.16	0.00	0.00	0.00	1.73	1.90	9.89	5.09	45.86
Fort Tejon	1.81	5.86	1.97	.....	0.90	.....	.....	.....	.....	1.61	.....	.....	.....
*Fresno	2.16	2.35	0.34	0.55	0.50	T.	T.	T.	0.59	0.56	0.86	0.16	8.07
Georgetown	10.40	13.70	2.78	6.48	0.99	0.00	T.	T.	4.50	3.32	4.72	5.51	52.40
Gilroy (near)	1.92	3.61	0.82	1.63	1.11	0.03	0.00	0.00	0.22	0.89	1.86	0.30	12.39
Glendora	4.03	4.95	.....	1.59	1.80	.....	.....	.....	.....	2.19	0.76	0.00	.....
Goshen	3.77	.....	0.22	1.02	1.57	0.00	.....	0.00	0.00	0.40	.....	0.00	.....
Grand Island	3.70	4.96	0.21	1.97	1.04	0.00	.....	.....	.....	.....	.....	.....	.....
Grass Valley	13.15	12.27	2.25	6.04	1.36	.....	.....	.....	2.65	4.45	5.69	4.98	.....
Greenville	8.09	7.91	2.68	4.94	1.33	T.	0.00	0.00	2.27	3.07	4.26	3.66	38.21
*Hanford	3.15	2.61	.....	0.53	1.48	0.00	T.	T.	1.04	T.	0.80	0.15	.....
Healdsburg	9.46	8.95	0.92	4.20	1.00	0.00	T.	0.00	0.91	0.97	7.78	2.04	36.23
*Hollister	2.27	2.88	1.02	1.09	0.71	0.00	0.00	T.	0.25	0.58	1.18	0.21	10.19
Humboldt light-house	10.22	7.84	4.11	3.35	1.47	0.05	0.05	0.50	4.51	2.56	4.70	4.35	43.17
*Independence	2.81	0.64	0.05	T.	0.36	0.00	0.10	0.32	0.00	0.65	0.22	0.06	.....
Idylwild	.....	5.81	1.23	0.37	1.22	0.00	0.34	3.44	0.00	1.03	0.69	0.34	.....
Indio	0.29	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75
Iowa Hill	9.94	12.61	1.98	6.55	0.96	0.00	T.	0.07	4.12	3.98	4.72	6.08	51.05
Irvine	3.64	4.97	0.28	0.05	1.13	0.05	T.	T.	0.00	1.06	.....	.....	.....
Jackson	7.13	11.24	2.58	3.82	1.18	0.08	T.	T.	3.39	2.62	3.64	3.22	38.90
Jolon	4.84	6.21	0.58	2.10	0.33	0.00	T.	0.00	0.05	1.16	1.69	.....	.....
Keene	0.89	.....	.....	1.19	1.15	0.00	.....	.....	0.00	.....	.....	.....	.....
Kennedy gold mine	6.87	12.89	2.33	5.01	0.83	T.	0.00	T.	3.50	3.36	3.40	3.75	41.94

[1] River observer. [2] Cotton region observer. [3] G. B. Irby.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
Kent	9.08	8.54	1.75	6.36	2.80	.....	.....	.....	.....	.....	.....	.....	.....
Kernville	1.35	2.92	0.15	0.31	1.62	0.00	0.00	0.70	0.00	0.72	0.15	0.00	7.92
King City	2.73	3.51	0.45	0.60	1.01	0.00	0.00	0.00	0.04	0.66	1.36	0.00	10.36
Kono Tayee	5.57	4.33	1.33	2.05	0.96	.....	.....	T.	0.54	1.04	3.87	1.19	.....
Laguna Valley	.....	.....	0.95	1.21	2.09	0.00	1.01	1.25	0.00	1.42	0.54	0.35	.....
Lamesa	2.82	5.99	0.97	0.75	0.47	.....	T.	0.00	0.05	0.45	0.58	0.00	.....
Laporte	17.25	18.35	6.24	7.48	2.09	T.	T.	0.05	5.26	4.82	9.10	8.16	78.80
Las Fuentes Ranch	4.37	3.90	0.00	1.45	1.02	0.00	.....	.....	0.00	2.51	1.02	.....	.....
Legrand	2.49	7.10	0.92	1.36	0.38	0.00	T.	0.00	0.48	0.71	1.33	0.47	15.24
Lemoncove	5.42	2.84	0.50	1.65	2.70	0.00	0.00	0.00	0.45	0.71	1.15	0.05	15.47
Lemoore	2.27	.....	0.08	.....	1.21	0.00	.....	0.00	0.33	0.30	1.99	0.05	.....
Lick Observatory	5.76	6.92	1.98	3.33	1.07	0.02	0.00	0.05	1.08	2.19	2.89	1.61	25.90
Lime Point light-house	3.93	6.71	0.53	1.31	0.54	0.00	0.00	0.00	0.65	0.83	3.78	1.30	18.58
Lodi	2.42	5.75	0.68	1.46	1.21	T.	0.00	T.	0.37	0.85	2.13	1.48	16.35
*Los Angeles	2.49	4.38	0.45	0.68	1.60	T.	T.	0.09	0.03	1.88	0.46	0.00	11.96
Los Gatos	8.96	9.74	1.09	5.59	1.76	T.	T.	T.	0.90	1.10	3.34	0.73	33.21
Mammoth	0.50	2.70	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00	0.00	5.70
Manzana	3.20	6.68	0.25	0.61	0.12	0.00	0.00	0.65	T.	2.02	0.20	T.	13.73
Mare Island light-house	4.95	4.39	0.91	2.11	1.10	0.00	0.00	0.00	0.39	1.29	3.07	0.86	19.07
Merced	1.50	3.15	0.51	0.67	0.05	T.	T.	0.00	0.65	0.25	2.09	0.43	9.30
Mills College	6.08	5.90	1.35	2.99	1.12	0.00	0.00	T.	0.65	0.73	3.00	1.57	23.39
Milo	6.00	4.46	1.33	2.45	3.36	T.	T.	0.00	0.51	1.80	1.47	0.27	21.65
Milton (near)	2.63	7.20	.....	2.60	1.17	0.00	T.	T.	0.91	1.37	2.74	1.76	.....
Modesto	1.55	4.27	0.42	0.82	1.55	0.00	0.00	0.00	0.05	0.72	1.62	0.64	11.64
Mohave	0.73	3.18	0.00	0.00	0.28	0.00	0.00	1.75	0.00	0.52	0.07	0.00	6.53
Mokelumne Hill	6.04	10.25	1.76	3.12	0.72	0.04	T.	T.	2.77	2.04	3.76	2.86	33.36
Monterio	3.81	7.05	2.02	1.75	1.05	0.00	T.	1.12	0.00	1.86	0.45	0.75	19.86
Monterey	2.48	4.11	1.28	0.96	0.39	0.00	0.00	0.00	0.62	0.98	1.58	0.53	12.93
Morena	2.25	9.28	1.58	0.62	1.83	0.00	0.10	0.20	.....	.....	.....	.....	.....
Mountainview	2.49	4.43	0.51	1.61	0.73	.....	.....	.....	0.40	.....	1.07	.....	.....
Mount St. Helena	.....	9.96	2.13	8.02	1.60	0.00	0.00	0.00	2.00	2.60	10.39	5.09	.....
*Mount Tamalpais	5.74	5.45	1.29	2.03	1.01	0.00	T.	0.03	1.21	1.05	6.86	2.60	27.27
Mutah	7.00	4.60	0.25	1.60	0.58	.....	.....	.....	.....	2.85	0.65	0.00	.....
*Napa	4.86	5.12	1.39	2.33	1.11	0.00	T.	0.00	0.89	1.32	3.88	2.15	23.05
Needles	0.00	.....	†0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	.....
Nevada City	11.52	13.12	2.35	5.59	1.29	0.00	T.	T.	3.36	4.16	5.45	5.35	52.19
Newhall	5.13	6.14	0.13	0.74	1.62	0.00	0.00	0.00	0.10	2.32	0.70	0.00	16.88
Niles	3.31	7.87	1.02	3.05	1.26	0.00	T.	0.03	0.32	0.89	1.78	1.19	20.72
North Bloomfield	7.73	13.46	2.97	6.27	1.73	0.00	T.	T.	4.51	3.98	4.68	5.87	51.20
North Ontario	5.33	6.10	0.71	0.78	1.50	0.00	0.00	0.00	0.00	2.59	0.75	0.06	17.82
North San Juan	11.97	12.44	4.51	4.59	1.31	0.00	T.	T.	3.16	4.38	6.82	7.10	56.28
Oakland	6.44	6.02	0.81	2.62	0.89	0.00	0.00	T.	1.01	0.64	3.15	0.90	22.48
Ogilby	0.19	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T.	0.00	0.00	3.89
Oleta	6.13	10.46	1.95	4.64	0.99	0.00	0.00	T.	2.84	2.85	3.53	4.06	37.45
Orland	4.20	5.14	0.00	1.35	0.81	0.00	0.00	0.00	0.56	1.42	3.51	0.87	17.86
*Palermo	5.23	6.33	0.58	3.68	0.60	0.00	0.00	0.00	0.96	2.24	3.39	1.93	24.94
Palomar Mountain	.....	.....	1.45	0.76	3.25	0.00	T.	0.50	0.00	2.56	.....	.....	.....
Paso Robles	6.11	5.37	0.63	1.37	1.43	0.00	0.00	0.00	0.04	1.37	1.04	0.00	17.56
Peachland	8.16	7.82	1.43	4.98	1.49	T.	T.	T.	1.28	1.58	6.64	2.98	36.36
Piedras Blancas light-house	4.84	5.53	0.52	1.75	0.77	0.00	0.00	0.00	0.73	1.45	1.80	0.20	17.59
Pigeon Point light-house	1.97	3.89	0.95	1.06	0.25	0.00	0.00	0.00	0.28	0.40	1.18	0.31	10.29
Pilot Creek	14.26	16.20	3.74	8.24	1.61	0.00	T.	T.	5.42	5.06	5.68	6.35	66.56
Pine Crest	5.82	4.92	0.36	2.62	1.13	0.08	0.15	0.03	0.39	3.55	1.75	0.00	20.80
Placerville	9.95	9.53	2.84	6.54	1.05	0.00	0.00	0.00	3.13	2.12	3.74	3.58	41.98
Point Ano Nuevo light-house	3.93	3.62	0.49	1.90	0.40	0.00	0.00	0.00	0.62	0.73	2.09	0.94	14.63
Point Arena light-house	6.27	6.16	1.15	3.51	0.56	0.00	0.00	0.00	1.10	1.25	5.39	2.38	27.77
Point Bonita light-house	6.25	8.13	1.02	2.59	0.92	0.00	0.00	0.28	1.24	1.46	5.94	2.36	30.19
Point Conception light-house	3.39	2.28	0.12	2.55	0.07	0.00	0.00	0.00	0.07	2.35	0.34	0.00	11.17
Point Fermin light-house	3.09	1.95	0.15	0.50	0.35	0.00	0.00	0.10	0.00	0.80	0.20	1.00	8.14
Point George light-house	5.86	5.04	3.61	.....	0.91	0.20	0.00	0.24	2.10	.....	.....	3.33	.....
Point Hueneme light-house	4.96	1.93	0.12	0.90	0.23	0.00	0.00	0.30	0.10	1.55	0.50	0.00	10.59
Point Lobos	5.85	5.89	0.72	1.70	0.72	T.	T.	0.00	0.61	0.52	3.79	1.12	20.42
Point Loma light-house	1.31	3.08	0.85	0.00	0.28	0.00	0.00	0.00	0.00	0.18	0.26	0.00	5.91
Point Montara light-house	5.35	7.30	0.80	2.55	0.85	0.00	0.00	0.00	1.45	0.30	2.74	1.28	22.62
Point Pinos light-house	3.42	5.40	1.18	1.63	0.21	0.08	0.00	0.00	0.85	0.72	1.81	0.68	15.98
*Point Reyes light-house	6.72	5.92	1.11	3.20	1.08	0.00	0.38	0.08	2.11	0.89	5.38	1.21	28.08
Point Sur light-house	5.03	4.87	0.74	3.01	0.40	0.00	0.00	0.00	0.73	0.64	2.81	1.59	19.82
Pomona (near)	2.89	4.46	0.48	0.19	1.00	T.	0.00	0.00	0.00	2.29	0.67	0.00	11.98
Poway	2.28	5.82	0.34	0.61	0.65	0.01	T.	0.02	T.	0.24	0.46	0.22	10.65
Quincy	11.03	8.21	2.55	5.44	1.18	T.	0.00	T.	2.79	3.59	5.19	4.23	44.21
Ranch House	3.38	4.20	0.24	T.	1.47	0.05	T.	0.07	0.00	1.46	.....	.....	.....
*Red Bluff	6.60	6.64	0.12	2.06	0.41	T.	T.	0.00	1.84	2.06	4.22	1.56	25.51
Redding	6.33	5.52	0.57	5.11	0.41	T.	0.01	T.	3.11	3.08	6.45	4.37	34.96
Redlands	2.25	3.79	0.46	T.	1.62	0.04	0.00	0.00	0.00	0.92	0.09	T.	9.17
Reedley	.....	.....	.....	.....	1.11	T.	0.00	0.00	0.65	0.85	1.08	0.15	.....
Represa	5.01	6.93	0.56	3.63	0.67	0.00	T.	0.03	1.15	3.02	3.77	1.88	26.66
Riovista	3.61	5.29	0.70	1.40	0.68	0.06	.....	.....	0.50	1.82	2.26	1.20	.....
*Riverside	2.67	2.74	0.12	0.00	0.54	0.00	.....	.....	T.	0.80	0.12	T.	.....
Roe Island light-house	3.77	4.18	0.27	0.78	0.80	0.00	0.00	0.00	0.45	0.43	1.92	0.94	13.56
Rohnerville	.....	.....	.....	3.60	0.98	0.08	0.01	0.06	2.93	2.21	4.25	4.93	.....
Rosewood	9.17	4.38	0.11	1.64	0.47	0.00	0.08	T.	1.41	0.97	4.28	2.00	24.51
*Sacramento	3.70	5.32	0.48	2.23	0.80	T.	T.	T.	0.56	1.56	2.68	1.19	18.52
Sacramento	4.18	6.17	0.67	2.76	0.70	T.	T.	0.02	0.64	1.90	2.96	1.24	21.24
Salinas	1.69	5.44	0.50	1.48	0.35	0.00	0.00	0.00	0.38	0.50	1.27	0.20	11.81
Salton	0.20	2.80	0.00	0.00	0.00	0.00	0.00	.....	0.00	0.00	0.00	0.00	.....
San Bernardino	3.48	4.58	0.43	0.56	1.23	0.05	0.00	0.27	0.07	1.09	0.28	0.04	12.08
*San Diego	2.08	4.77	1.07	0.01	0.77	0.02	T.	T.	0.06	0.28	0.41	0.02	9.49
*San Francisco	5.79	5.03	0.80	1.64	0.69	T.	T.	T.	0.78	0.64	3.48	0.90	19.75
San Jacinto	2.86	4.62	0.33	0.03	0.55	0.00	0.00	1.58	0.06	0.61	0.06	T.	10.65
*San Jose	3.98	5.47	0.75	2.37	0.82	T.	0.00	T.	0.44	1.00	1.06	0.43	16.32

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
San Leandro	4.42	5.45	0.91	2.55	0.99	0.02	0.00	0.02	0.93	0.60	2.65	1.40	19.98
*San Luis Obispo	11.21	5.89	0.58	2.83	0.69	T.	T.	0.18	0.10	2.58	1.58	0.12	25.76
San Luis light-house	6.96	4.50	0.40	1.47	0.16	0.00	0.00	0.00	.....	1.55	1.23	0.00	.....
San Mateo	3.95	5.82	0.75	1.88	0.81	0.00	0.00	0.00	0.75	1.25	2.08	1.16	18.45
San Miguel	3.12	4.52	0.20	0.74	1.43	0.00	0.00	0.00	0.00	0.88	0.34	0.00	11.23
San Miguel Island	2.33	1.89	0.20	0.98	0.06	0.00	0.00	0.00	0.30	2.98	1.85	1.70	12.28
Santa Barbara	4.86	3.65	0.16	2.07	0.34	0.10	0.06	0.09	0.36	2.42	1.16	T.	15.27
Santa Barbara light-house	5.04	3.49	0.20	1.53	0.34	0.15	0.00	0.00	0.15	2.00	0.78	0.03	13.71
Santa Clara	3.41	4.72	0.53	1.84	1.18	T.	T.	T.	0.36	0.69	1.16	0.36	14.25
Santa Cruz	4.30	5.91	0.94	2.01	0.52	T.	T.	0.00	0.64	0.88	3.28	1.80	20.28
Santa Cruz light-house	4.05	3.34	0.95	1.99	0.48	0.05	0.00	0.00	0.71	0.96	3.04	2.02	17.53
*Santa Maria	4.51	3.17	0.25	1.82	0.13	T.	0.00	0.00	0.12	1.60	0.56	0.01	12.17
Santa Monica	3.34	4.35	0.20	0.50	0.58	0.00	0.00	0.00	0.00	2.71	0.70	.....	.....
Santa Paula	4.57	4.34	0.42	1.92	0.13	0.00	0.00	0.00	0.71	2.24	0.54	0.00	14.87
Santa Rosa	6.05	5.77	0.90	3.31	1.12	0.00	0.00	0.00	1.17	1.16	4.22	2.25	25.95
Shasta	13.65	8.43	1.46	5.51	0.39	0.00	0.02	0.00	2.75	2.06	8.79	4.76	47.82
Sierra Madre	4.84	8.63	1.14	1.50	2.51	0.43	T.	0.00	0.03	3.68	0.86	0.02	23.59
Snedden	3.70	3.80	0.20	1.40	0.47	.....	.....	.....	.....	1.75	0.75	0.00	.....
Sonoma	5.92	5.65	1.21	3.26	1.02	0.00	T.	0.00	0.80	1.12	4.44	2.28	25.70
S. E. Farallone light-house	5.70	4.83	0.70	.....	0.30	0.00	0.05	0.00	0.56	1.40	.....	.....	.....
Stanford University	2.48	4.56	0.87	1.14	0.59	0.00	0.00	0.00	0.45	.....	.....	.....	.....
Stockton	1.89	5.02	0.36	1.92	0.81	0.00	0.00	0.00	0.45	0.80	2.14	1.35	14.74
Storey	2.66	4.34	0.50	0.62	0.57	0.05	0.00	T.	0.73	0.42	1.67	0.25	11.81
Summerdale	24.46	18.87	3.00	5.76	2.31	0.04	0.01	T.	3.23	4.67	3.51	2.85	68.71
Susanville	4.76	3.17	1.50	1.57	0.92	0.27	0.00	1.77	0.59	2.28	1.72	1.89	20.44
Tehama	6.01	6.17	T.	1.15	0.66	0.00	0.00	0.00	0.80	1.04	3.93	1.00	20.76
Tejon Ranch	1.28	4.69	0.95	1.36	1.28	0.00	0.00	T.	0.00	0.40	0.17	0.60	10.73
Templeton	9.10	.....	.....	.....	1.50	0.00	.....	0.00	.....	1.70	.....	0.00	.....
Thermalito	6.80	6.62	0.50	3.62	0.60	0.00	T.	.....	.....	.....	.....	.....	.....
Trinidad light-house	9.45	7.52	3.78	3.68	1.58	0.00	0.30	0.00	4.51	2.13	3.42	5.28	41.65
Truckee	5.00	7.97	2.50	1.80	0.70	0.00	0.00	0.00	0.50	2.78	3.63	1.55	26.43
Tulare[1]	3.20	1.47	0.25	1.19	1.79	T.	0.00	0.00	0.42	0.39	0.36	0.02	9.09
Tulare[2]	3.27	1.49	0.36	1.11	1.87	T.	T.	T.	0.42	0.39	0.36	0.03	9.30
Ukiah	11.52	5.27	1.51	2.15	0.89	0.00	T.	0.00	1.40	1.61	5.87	2.76	32.98
Upperlake	6.44	4.75	1.05	2.43	0.70	0.00	T.	T.	1.11	1.09	4.36	2.09	24.02
Upper Mattole	18.11	14.80	4.71	6.49	.....	0.00	T.	0.17	5.14	2.92	12.85	6.30	.....
Vacaville	4.68	5.99	0.87	2.43	1.04	0.00	T.	0.00	0.40	0.72	3.72	1.48	21.33
*Ventura	4.21	3.99	0.26	0.68	0.16	0.00	0.00	0.09	0.09	2.91	0.91	0.00	13.30
Visalia	4.18	1.80	0.32	1.56	1.74	0.00	0.00	0.00	0.44	0.40	0.72	0.02	11.18
Volcano Springs	0.59	1.75	T.	0.00	0.00	0.00	0.00	0.28	0.00	T.	0.00	0.00	2.62
Wasco	1.00	1.31	0.11	1.00	1.20	0.00	0.00	0.00	0.35	0.32	T.	0.13	5.42
Westpoint	7.66	12.18	.....	5.32	1.94	0.09	.....	.....	4.20	2.78	4.36	3.77	.....
West Saticoy	4.35	2.97	0.26	0.51	0.25	0.00	.....	0.00	0.15	1.85	1.00	0.00	.....
Wheatland	5.46	6.96	0.77	4.00	0.30	0.00	0.00	T.	0.81	1.96	3.19	1.53	24.98
Williams	3.45	3.54	T.	1.28	1.41	0.00	0.00	0.00	T.	0.17	3.19	0.27	13.31
Wilmington	3.02	2.22	0.05	0.31	0.30	T.	0.00	0.00	0.05	0.93	0.25	0.00	7.13
Wire Bridge	7.16	9.22	1.17	4.87	0.68	0.00	0.00	T.	2.41	5.06	5.34	3.75	39.66
Yerba Buena light-house	4.55	3.10	0.68	2.00	0.76	0.00	0.00	0.00	0.70	0.85	2.90	0.95	16.49
Yreka	8.12	2.86	0.98	0.40	0.52	0.00	0.05	0.95	1.24	1.28	1.81	3.09	21.30
Yuba City	4.82	6.24	0.47	3.75	0.28	0.00	T.	T.	1.68	2.17	3.18	1.36	23.95
Zenia	.....	.....	.....	.....	1.38	0.00	0.02	0.10	4.02	3.56	8.70	6.82	.....
Colorado.													
Alford	0.29	0.77	1.62	2.97	10.52	2.15	0.56	1.73	.....	0.25	.....	1.17	.....
Amity	.....	.....	0.20	.....	1.04	1.03	2.32	1.89	0.96	.....	.....	.....	.....
Arkins	0.21	0.22	1.57	2.27	2.90	2.22	0.22	1.12	1.12	0.28	0.14	1.68	13.95
Ashcroft	.....	.....	2.56	0.99	1.69	1.31	1.44	3.05	0.80	1.41	0.88	0.90	.....
Bailey	.....	.....	.....	.....	1.48	1.72	1.31	3.14	0.34	0.58	.....	.....	.....
Blaine	0.23	0.15	0.60	1.68	2.74	1.76	1.55	2.05	1.12	0.51	0.04	0.07	12.50
Boulder	0.53	0.30	1.74	3.51	1.62	1.76	0.46	1.69	0.16	0.65	T.	1.43	13.85
Boxelder	0.19	0.63	1.62	2.96	4.18	1.89	0.57	1.66	0.49	0.46	0.13	2.47	17.25
Breckenridge	2.36	3.02	2.40	3.12	2.87	1.58	0.89	4.94	0.08	0.78	0.90	2.86	25.89
Buenavista	0.25	0.11	0.74	0.60	0.30	0.12	0.10	0.48	0.03	0.03	0.00	0.40	3.16
Canon	0.37	0.10	1.58	1.33	.....	0.91	1.54	1.37	0.43	0.31	0.00	0.74	.....
Castlerock	0.25	0.30	1.04	3.47	1.82	1.35	1.72	3.45	0.50	0.28	T.	0.59	14.77
Cedaredge	0.79	0.59	1.18	0.60	1.26	0.43	0.20	1.42	0.48	0.74	0.35	0.17	8.21
Cheyenne Wells	0.15	0.38	0.71	4.02	1.18	0.90	2.63	2.76	1.12	0.49	0.02	0.33	14.69
Clearview	0.81	0.26	2.61	2.47	6.43	0.40	3.71	3.16	0.40	0.38	T.	0.68	21.31
Collbran	0.88	0.35	2.44	2.73	2.37	1.29	0.55	2.08	0.13	0.94	0.35	0.65	14.76
Colorado Springs	0.06	0.16	1.29	2.64	3.49	2.39	1.92	2.24	2.20	0.49	0.01	0.18	17.07
Cope	0.07	0.05	1.18	1.46	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crook	0.00	0.90	1.79	2.90	1.25	2.41	0.58	.....	.....	.....	.....	.....	.....
Delta	0.57	0.13	0.56	0.39	0.97	0.27	0.05	1.21	0.01	0.56	0.15	0.18	5.05
*Denver	0.05	0.06	0.88	1.96	1.18	2.09	0.01	1.30	0.22	0.46	T.	0.89	9.10
Dumont	0.45	0.79	1.22	2.79	2.78	1.15	.....	.....	.....	.....	.....	.....	.....
Durango	0.44	0.80	0.04	0.55	2.05	0.35	0.95	2.05	0.33	1.24	T.	0.10	8.90
Fort Collins	0.19	0.88	1.88	3.62	7.47	2.35	0.71	0.57	2.25	0.36	0.02	1.37	21.17
Fort Morgan	0.05	0.39	1.07	4.10	.....	.....	T.	0.96	0.73	.....	.....	0.27	.....
Fox	0.05	0.43	2.40	4.76	0.64	3.25	1.54	4.62	2.50	0.50	0.00	0.40	21.09
Gilman	2.15	2.05	.....	.....	.....	.....	.....	2.63	0.07	0.67	0.98	3.06	.....
Gleneyre	0.33	0.44	1.66	3.05	2.40	2.30	2.00	2.14	2.36	0.61	0.04	0.42	17.75
Glenwood Springs	.....	.....	.....	.....	.....	1.48	0.64	2.00	T.	0.36	0.58	.....	.....
*Grand Junction	0.45	0.25	0.98	1.65	1.29	0.50	0.13	2.36	T.	0.35	0.02	0.21	8.19
Greeley	0.22	0.45	0.95	2.12	2.38	2.45	0.26	0.47	1.06	0.75	0.05	1.06	12.22
Grover	T.	0.52	0.30	.....	1.50	2.95	0.15	1.08	1.65	0.10	T.	0.58	.....
Gunnison	0.38	0.79	0.49	T.	1.44	0.37	0.42	1.39	0.37	0.64	0.15	0.42	6.86
Hamps	0.34	0.07	1.50	4.24	0.83	0.98	0.38	2.58	0.52	0.81	T.	0.64	12.89
Hoehne	0.13	0.15	0.80	1.40	2.30	0.56	0.10	0.93	0.29	0.46	0.58	0.66	8.56
Holly	0.20	0.43	0.90	2.39	2.05	1.42	3.43	1.91	1.09	0.32	0.09	0.01	14.15

[1] John Twohy. [2] Experiment station.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Colorado—Continued.													
Holyoke (near)	0.00	0.33	1.43	3.32	0.70	4.58	1.51	2.29	1.24	.....	0.00	1.27	.....
Hugo	0.18	0.07	0.80	1.69	T.	0.50	0.46	2.54	1.00	0.00	0.00	0.89	8.12
Husted	0.25	0.19	2.04	2.65	2.71	2.34	2.21	3.59	1.05	0.85	0.00	0.35	18.23
Lake Moraine	1.05	0.20	2.40	3.85	6.98	1.75	2.63	5.40	1.00	1.03	0.55	0.48	27.32
Lamar	0.40	0.38	0.49	2.54	1.50	1.16	0.96	4.01	0.74	0.53	0.00	0.19	12.90
Laporte	0.05	0.27	1.42	4.28	4.32	2.41	0.57	0.87	0.97	0.05	0.01	1.51	16.73
Las Animas	0.28	0.13	1.40	2.10	2.40	0.95	0.00	1.23	T.	0.00	0.10	0.38	8.97
Lay	0.70	1.09	0.89	1.48	2.66	0.60	0.85	0.94	0.08	0.29	0.36	1.23	11.17
Leadville	1.02	2.13	1.27	1.43	1.28	.....	0.82	1.69	0.07	0.22	1.13	1.90	.....
Leroy	0.06	0.49	1.60	2.92	0.72	2.52	0.97	4.03	0.27	0.47	T.	0.89	14.94
Longs Peak	0.69	0.47	1.19	1.97	1.73	1.47	0.85	2.22	1.59	0.95	0.18	1.00	14.31
Mancos	2.20	1.33	1.17	0.43	3.76	0.98	0.50	2.47	0.24	.....	.....	.....	.....
Marshall Pass	1.55	1.23	1.55	1.71	1.73	0.70	.....	0.36	0.08	0.78	0.47	.....	.....
Meeker	0.81	0.75	2.09	1.86	2.52	1.44	0.56	2.05	0.28	0.53	0.28	1.92	15.09
Mitchell	1.07	1.33	0.46	.....	0.78	0.13	.....	.....	T.	0.30	0.45	0.78	.....
Montrose	0.54	0.39	0.54	0.14	0.50	0.55	0.17	2.31	0.00	0.73	0.07	0.25	6.19
Moraine	0.61	0.72	1.06	2.36	3.32	1.52	1.43	2.65	0.42	0.38	0.27	1.15	15.89
Pagoda	0.74	2.05	2.41	3.05	1.58	2.34	0.32	2.56	0.20	0.77	0.60	1.59	18.21
Parachute	1.07	1.10	1.42	0.69	2.32	0.53	0.29	1.52	0.39	1.40	0.38	0.57	11.68
Perrypark	1.47	0.20	0.60	1.83	2.11	3.70	1.14	1.90	0.90	0.70	0.00	T.	14.55
*Pueblo	0.28	0.07	1.15	2.05	3.41	1.24	1.04	1.31	0.40	0.51	0.01	0.39	11.86
Rangely	0.40	0.92	0.57	0.58	0.81	0.41	T.	1.37	0.12	0.36	T.	0.44	5.98
Rockyford	0.20	0.10	1.00	2.36	1.34	0.23	1.48	0.74	0.48	0.25	0.00	0.32	8.50
Rogers Mesa	0.39	0.29	0.88	0.37	1.95	0.66	0.25	1.87	0.18	0.67	0.20	0.28	7.99
Ruby	4.12	4.06	5.41	.....	3.55	1.00	0.08	1.47	0.42	1.81	1.60	2.60	.....
Russell	.....	.....	.....	.....	3.11	1.00	1.22	0.96	0.34	1.35	0.00	0.61	.....
Sagnache	0.07	T.	0.27	0.26	0.90	0.90	0.99	1.82	1.07	0.46	0.00	0.12	6.86
Salida	0.01	0.07	0.94	1.34	1.49	1.22	0.99	2.01	0.10	0.32	0.00	1.27	9.76
San Luis	0.43	0.64	0.92	0.95	1.59	0.39	2.58	3.21	0.77	1.25	0.04	0.25	13.02
Santa Clara	0.46	0.09	2.83	4.17	7.50	0.89	1.72	1.79	0.73	0.48	0.12	0.88	21.66
Sapinero	0.55	2.10	1.19	0.29	1.49	1.26	0.86	1.27	0.15	0.41	0.12	0.51	10.20
Sargents	0.76	1.34	1.78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seibert	0.15	0.41	0.80	3.32	0.29	3.01	1.73	4.09	1.26	0.59	0.00	0.50	16.15
Silt	1.08	0.52	1.33	0.64	2.26	1.38	0.20	2.10	0.19	1.05	0.53	1.09	12.37
Springfield	0.25	0.23	0.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sugarloaf	0.84	0.33	2.17	5.60	3.60	2.20	2.80	4.90	0.50	0.66	0.12	1.40	25.12
Telluride	1.30	1.36	1.98	2.27	1.55	1.56	0.82	3.77	0.15	0.77	1.25	2.28	19.06
Trinidad	0.11	0.75	1.51	2.13	3.77	0.55	2.37	2.63	1.25	0.60	0.26	0.55	16.48
T. S. Ranch	0.46	0.10	1.78	0.81	1.44	0.48	0.25	2.15	0.00	1.42	0.10	0.60	10.59
Twinlakes	0.82	0.62	0.74	0.90	2.05	0.63	2.78	1.69	0.31	0.29	0.14	0.40	11.37
Vilas	0.29	T.	0.25	2.77	4.12	2.33	2.40	2.97	1.23	0.32	0.00	T.	16.59
Wagon Wheel	0.97	0.47	0.40	0.57	1.45	0.30	0.80	2.85	0.53	0.97	T.	0.42	9.73
Walden	0.14	0.35	0.58	1.77	1.32	1.31	0.33	2.44	0.05	0.04	0.52	0.61	9.46
Wallet	0.06	0.13	1.21	4.72	0.59	2.41	2.04	2.42	2.86	0.45	0.00	0.44	17.33
Westcliffe	1.55	0.09	2.34	2.07	6.51	1.08	0.35	1.90	0.29	0.49	0.12	0.80	17.59
Whitepine	.....	.....	.....	.....	.....	.....	1.38	2.51	0.21	1.09	0.25	2.02	.....
Wray	T.	1.37	2.51	4.02	0.28	3.40	2.05	5.36	2.11	0.43	T.	0.91	22.44
Yuma	T.	1.11	2.44	3.90	0.31	3.51	1.61	6.53	0.36	0.39	T.	0.57	20.73
Connecticut.													
Bridgeport	2.12	0.85	6.92	9.41	8.20	0.76	6.41	8.66	5.71	4.37	1.97	9.55	64.93
Canton	1.54	0.49	5.96	12.30	7.21	1.24	3.03	6.42	5.76	4.66	2.27	9.07	59.95
Colchester	1.83	0.55	6.97	9.63	7.29	2.33	6.64	7.83	5.47	2.82	2.71	10.05	64.12
Falls Village	1.48	0.84	6.09	6.45	6.07	1.84	4.39	9.04	4.21	3.97	2.42	8.16	54.96
Hartford	1.91	0.49	7.45	10.90	6.78	0.62	4.32	7.13	5.75	3.50	2.45	9.72	61.02
Hawleyville	1.89	0.60	8.35	10.25	7.23	1.01	5.64	7.81	5.02	4.14	1.83	12.60	66.37
Lake Konomoc	2.45	0.80	8.61	10.50	.....	.....	2.12	3.85	8.17	2.41	2.66	10.46	.....
Middletown	1.74	0.63	6.32	13.37	8.05	0.84	4.86	7.78	6.57	4.79	2.64	11.18	68.71
*New Haven	1.38	0.54	5.80	9.03	6.38	0.25	4.40	6.92	5.70	2.95	1.61	7.65	52.61
New London	1.55	0.58	5.33	5.22	4.75	1.20	2.38	1.35	4.92	1.60	2.88	6.98	38.74
North Grosvenor Dale	2.01	1.17	7.17	7.23	5.12	1.50	4.32	5.01	4.17	3.36	2.49	10.43	53.98
Norwalk	1.81	0.67	6.59	8.60	8.34	1.29	4.89	8.97	3.08	3.48	1.55	8.58	57.85
Southington	1.60	0.90	6.80	9.65	7.00	0.50	6.30	5.95	6.60	3.55	2.25	9.80	60.90
South Manchester	2.10	.....	.....	10.01	5.45	1.06	6.58	9.53	5.51	3.40	2.64	7.24	.....
Storrs	2.17	1.05	7.18	9.51	6.30	1.96	5.54	7.58	4.33	1.97	3.04	9.56	60.18
Voluntown	2.24	1.25	8.84	9.61	6.08	2.33	3.96	3.33	4.91	1.85	2.99	10.74	58.13
Wallingford	1.93	0.65	4.36	.....	7.80	1.41	2.33	2.06	5.55	3.84	2.38	8.16	.....
Waterbury	1.78	0.55	7.44	11.51	8.08	0.65	4.44	9.37	6.25	4.32	2.37	9.82	66.58
West Cornwall	1.52	0.84	7.33	6.83	6.90	1.69	4.57	6.97	4.52	4.37	3.26	8.14	56.94
West Simsbury	1.41	0.52	5.52	11.10	7.15	1.60	2.54	5.82	5.16	4.27	2.24	8.06	55.39
Delaware.													
Milford	3.11	0.22	.....	3.87	3.86	2.65	4.71	5.30	2.15	2.27	2.44	5.81	.....
Millsboro	3.05	1.13	3.80	5.69	2.90	2.67	5.24	7.81	2.35	0.98	2.18	5.73	43.48
Newark	2.54	0.97	3.52	5.84	3.30	1.61	3.82	9.78	3.79	0.98	2.37	7.26	45.78
Seaford	3.44	0.82	3.01	4.41	3.02	2.52	3.52	5.29	1.51	2.18	1.81	5.22	36.75
Wyoming	2.58	1.84	4.09	5.81	5.16	2.13	10.81	7.48	.....	.....	.....	.....	.....
District of Columbia.													
Distributing reservoir	2.38	0.35	2.02	5.51	2.17	2.74	3.97	3.85	1.83	0.84	2.18	6.79	34.63
Receiving reservoir	2.62	0.40	2.05	6.36	3.33	2.47	5.41	3.70	1.96	0.69	2.54	7.55	39.08
*Washington	2.92	0.62	2.64	6.34	2.81	4.66	5.17	4.12	1.61	0.97	2.33	7.56	41.75
West Washington	2.99	0.75	2.99	6.37	3.41	4.58	5.58	4.67	2.00	1.20	2.48	8.44	45.46
Florida.													
Archer	3.11	8.33	9.95	2.80	4.18	8.14	5.74	10.01	4.81	1.28	0.55	2.54	61.44
Bartow	1.07	3.34	3.56	2.33	2.90	10.84	9.86	12.39	8.87	0.36	1.80	2.01	59.33
Bonifay	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.50	6.50	3.00	.....
Brooksville	2.04	4.26	4.38	1.36	4.05	10.25	7.41	16.34	5.10	0.30	0.66	2.50	58.65
Carrabelle	2.92	9.16	11.23	5.51	1.05	10.12	8.18	8.49	3.96	0.75	1.13	2.11	64.61

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Florida—Continued.													
Clermont	1.03	2.44	3.20	2.20	5.87	7.51	4.52	7.78	11.20	0.40	0.50	0.73	47.38
De Funiak Springs	3.87	4.86	8.71	5.16	8.91	2.35	8.71	13.22	7.38	2.13	0.73	4.18	70.19
Earnestville	2.75	.....	4.45	1.80	1.45	10.15	13.35	19.75	10.98	0.55	1.80	.....	.....
Eustis	1.42	2.52	4.77	0.92	5.97	5.35	5.93	13.00	13.75	1.01	0.89	1.94	57.47
Federal Point	2.97	4.91	7.07	1.11	3.68	9.77	5.05	9.62	10.20	3.54	2.09	2.65	62.66
Fernandino	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.83	3.37	.....
Flamingo	.....	.....	.....	2.68	3.15	19.75	7.51	12.65	11.52	2.74	T.	2.60	.....
Fort Meade	1.16	2.01	.....	2.05	4.40	16.27	11.35	19.60	11.90	1.15	0.60	2.95	.....
Fort Pierce	.....	1.79	3.81	1.33	6.92	11.64	3.04	9.43	6.84	2.18	0.66	3.91	.....
*Gainesville	2.69	9.20	6.97	1.60	2.03	8.66	7.76	9.54	4.08	3.30	0.27	2.97	59.07
Huntington	2.19	4.83	3.81	1.02	3.44	7.10	3.39	10.75	11.27	1.27	1.80	2.28	55.15
Hypoluxo	9.62	1.25	3.62	2.43	7.11	21.28	4.90	10.07	10.66	7.00	0.79	3.94	82.67
Inverness	1.67	4.72	6.45	1.74	3.29	10.63	8.75	14.32	4.12	2.31	1.26	3.99	63.25
*Jacksonville	2.64	6.76	6.57	1.08	5.31	9.64	4.26	6.12	7.38	1.37	0.36	2.73	54.22
Jasper	[f]3.83	.....	7.70	3.74	6.22	6.73	6.66	.....	.....	2.30	0.55	1.90	.....
*Jupiter	8.29	1.07	2.30	2.13	3.68	17.41	7.22	12.13	9.71	7.08	0.94	4.17	76.08
*Key West	0.33	0.47	2.68	0.46	2.74	5.65	5.58	5.75	7.15	0.79	0.25	5.17	37.02
Kissimmee	0.92	2.26	5.51	3.23	2.96	8.78	2.84	9.91	12.95	1.18	0.67	1.35	50.56
Lake Butler	1.52	10.65	8.27	2.05	2.91	[f]1.78	6.55	9.57	3.37	2.15	0.60	3.71	53.13
Lake City	3.95	7.65	7.78	1.83	5.16	8.36	6.65	8.72	5.18	3.90	0.46	3.21	61.85
McAlpin	4.20	6.75	5.95	2.40	[f]5.75	3.65	3.00	.....	6.35	.....	1.40	.....	.....
Macclenny	[g]3.63	6.67	7.87	1.70	5.33	8.61	[k]4.10	10.96	7.88	1.75	0.66	3.72	62.88
Manatee	1.94	2.15	3.58	2.37	1.75	15.93	11.12	12.91	13.47	0.59	0.39	2.21	68.41
Marco	0.25	1.06	2.20	1.50	1.88	17.27	9.21	9.34	8.36	0.10	0.39	1.82	53.38
Marianna	.....	3.57	5.51	2.93	6.61	2.84	4.47	8.43	4.67	1.30	1.28	2.93	.....
Merritt Island	1.10	1.34	6.69	2.17	3.12	9.89	2.15	4.71	9.32	0.82	0.63	2.36	44.30
Miami	.....	T.	1.76	1.97	10.42	21.72	8.18	10.85	15.30	4.92	.....	1.55	.....
Micanopy	3.13	6.52	8.93	1.95	2.23	7.16	5.62	13.74	.....	0.80	0.00	1.35	.....
Middleburg	3.21	8.86	8.71	1.09	5.86	10.73	6.78	10.18	13.56	1.81	0.86	3.46	75.08
Myers	0.50	0.72	2.67	1.89	2.30	20.28	5.23	12.41	6.86	0.78	0.52	1.62	55.78
New Smyrna	.....	2.60	1.65	0.80	1.50	8.91	3.20	6.35	17.55	2.40	2.18	0.91	.....
Nocatee	1.08	1.49	3.37	2.50	3.88	10.87	10.86	12.53	4.23	0.26	0.19	3.64	54.90
Ocala	2.09	5.35	4.19	1.08	3.24	9.80	8.16	13.46	7.47	0.41	1.18	2.91	59.64
Orange City	1.50	2.56	2.59	1.05	3.13	9.20	4.31	12.87	6.22	2.13	2.13	1.59	49.28
Orlando	1.07	3.27	3.89	2.47	2.15	11.81	4.28	13.18	11.12	2.20	0.54	1.28	57.26
*Pensacola	3.18	3.44	6.77	7.45	5.50	0.27	6.74	6.53	3.76	3.21	1.22	4.05	52.12
Plant City	1.07	2.74	3.83	1.37	6.69	10.95	6.76	12.05	.....	.....	0.30	1.81	.....
Quincy	.....	5.32	3.97	2.00	4.90	2.22	.....	.....	.....	T.	0.58	3.56	.....
Rockwell	2.15	5.25	5.42	1.52	6.00	9.05	5.15	13.40	7.40	2.05	.....	0.65	.....
St. Andrews	.....	3.72	7.93	2.88	4.26	3.84	9.97	8.75	5.82	1.75	1.50	3.72	.....
St. Augustine	1.58	5.02	6.52	0.94	3.34	8.27	7.33	4.01	9.38	2.50	0.24	2.27	51.40
St. Francis	1.31	2.47	4.76	0.95	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sebastian	2.86	1.66	2.35	1.41	5.26	9.17	3.00	5.22	.....	.....	.....	.....	.....
Stephensville	2.69	11.32	7.70	2.00	3.32	9.19	9.69	12.64	3.75	0.98	0.72	.....	.....
Sumner	2.40	5.99	8.80	2.99	2.59	17.51	8.18	15.97	4.27	1.73	1.08	2.45	73.96
Switzerland	2.28	7.36	9.64	4.48	5.17	8.07	4.09	6.57	13.08	2.12	0.73	3.12	66.71
Tallahassee	3.46	5.05	7.76	2.72	5.07	5.61	8.25	13.40	5.84	0.03	1.09	1.96	60.24
*Tampa	1.15	1.76	3.58	1.63	4.31	7.52	6.82	8.03	5.18	0.36	0.48	1.24	42.06
Tarpon Springs	.....	.....	5.10	.....	.....	.....	.....	[f]8.85	7.90	2.86	1.54	1.29	.....
Titusville	.....	7.80	8.70	1.54	1.66	9.97	1.62	6.30	8.10	.....	2.22	1.90	.....
Waukeenah	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	1.00	1.80	.....
Wausau	.....	.....	9.43	5.02	8.76	3.05	6.10	10.10	9.19	3.42	1.31	3.35	.....
Wewahitchka	.....	7.15	8.38	3.44	6.40	5.61	11.42	9.72	5.64	1.28	0.74	3.84	.....
Georgia.													
Adairsville	6.67	3.69	7.64	4.74	6.50	1.88	[f]2.58	10.98	4.39	0.56	1.93	10.00	61.56
*Albany	4.77	6.94	5.51	1.30	8.08	7.70	3.09	8.73	5.56	2.78	1.48	4.90	60.84
*Allapaha	5.22	4.54	5.78	3.02	4.14	7.71	4.10	9.80	4.69	0.23	0.62	3.24	53.09
Allentown	3.96	4.59	6.07	3.41	.....	.....	4.28	9.63	10.54	0.97	1.03	4.26	.....
Alpharetta	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.04	1.31	7.84	.....
*Americus	4.70	5.41	7.31	2.57	4.14	5.06	5.08	7.86	13.28	0.86	1.10	3.78	61.15
*Athens	4.14	3.57	4.78	5.59	4.90	6.53	3.51	17.87	3.30	1.05	0.77	5.42	61.43
*Atlanta	5.95	4.04	5.71	5.27	7.55	3.10	5.37	9.83	3.76	0.59	0.99	7.61	59.77
Auburn	5.85	3.47	.....	5.71	3.59	7.07	3.41	10.82	3.72	.....	.....	.....	.....
*Augusta	4.59	4.16	5.60	3.86	5.29	3.71	3.44	8.68	5.03	1.61	1.09	3.88	50.94
*Bainbridge	.....	.....	.....	.....	4.08	3.36	3.94	7.31	4.42	0.74	0.55	2.93	.....
Blakely	4.48	6.48	.....	.....	.....	2.41	4.65	9.55	6.66	1.45	1.25	2.25	.....
Bowersville	.....	.....	.....	6.75	6.77	4.83	3.90	17.14	4.87	0.90	0.48	7.78	.....
Brent	2.52	3.41	7.30	4.89	4.32	5.23	4.16	8.12	6.83	0.48	0.46	6.15	63.87
*Camak	.....	.....	.....	.....	5.53	6.93	3.43	3.22	8.33	1.08	0.35	5.72	.....
*Canton	6.44	3.88	4.17	6.51	7.95	3.90	3.20	9.21	2.76	1.97	1.40	10.89	62.28
*Carlton	3.67	3.17	4.70	4.44	5.43	4.63	3.93	12.23	7.57	0.40	0.63	6.17	56.97
Clayton	5.09	3.10	8.53	10.61	3.71	5.64	1.62	22.07	4.01	1.90	1.05	13.35	80.68
*Columbus	3.84	3.94	8.27	4.07	4.92	6.16	5.08	7.14	6.36	0.55	[f]2.58	5.50	58.41
Covington	3.89	3.95	6.56	4.32	5.99	4.28	3.34	10.75	4.49	0.61	0.50	7.83	56.51
Dahlonega	6.34	3.60	6.79	4.63	10.39	8.13	1.97	12.74	5.83	0.80	1.02	10.94	73.18
Diamond	7.25	3.32	6.91	6.00	9.09	4.12	4.07	17.60	6.35	0.93	2.00	11.26	78.90
*Dublin	4.06	4.91	5.97	3.20	3.06	7.40	5.57	5.99	4.54	0.71	1.48	4.43	51.32
*Eastman	.....	.....	.....	.....	6.91	5.29	3.70	5.08	3.57	2.70	.....	.....	.....
Elberton	4.16	3.75	4.99	5.79	5.99	4.23	6.08	15.41	7.51	0.85	0.74	7.18	66.68
Experiment	4.77	3.74	6.04	4.36	6.09	5.14	3.22	6.27	4.29	0.51	0.58	8.39	53.40
Fitzgerald	3.33	6.04	7.39	4.93	7.04	4.64	5.36	5.93	4.85	1.10	0.47	3.57	54.65
Fleming	4.62	5.40	4.47	2.22	3.98	8.89	8.43	6.76	2.98	0.86	1.31	1.52	51.44
*Fort Gaines	4.22	8.52	4.59	3.85	8.65	8.87	2.77	8.87	10.03	1.91	0.88	2.89	66.06
Franklin	5.83	.....	3.66	4.53	.....	3.64	6.06	.....	.....	.....	.....	.....	.....
*Gainesville	8.02	2.53	6.69	5.84	6.35	6.89	5.47	13.58	4.65	1.24	0.15	6.37	68.78
Gillsville	6.44	3.43	6.60	6.20	6.11	5.89	5.57	11.73	5.38	0.62	0.10	6.14	64.11
Greenbush	6.79	2.96	8.28	7.98	6.93	2.40	3.22	12.31	.....	.....	1.10	10.59	.....
*Griffin	.....	.....	.....	.....	6.55	3.56	3.10	7.64	4.61	0.37	0.68	9.16	.....
Harrison	3.51	3.93	5.51	2.31	5.26	6.22	5.28	6.19	5.58	1.32	1.28	3.64	50.03
Hawkinsville	4.61	4.49	7.71	2.60	3.86	3.63	2.25	8.89	7.87	0.95	1.14	4.22	52.22

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Georgia—Continued.													
Hephzibah	5.00	4.30	5.20	3.10	5.35	.....	4.40	9.20	2.66	1.27	0.90	3.72	.....
Jesup	4.73	6.19	6.00	2.09	5.57	6.94	8.17	7.24	2.96	1.26	1.19	1.61	53.95
Lost Mountain	5.38	2.98	5.14	5.43	7.91	3.24	4.52	9.06	2.83	0.69	1.78	10.17	60.08
Louisville	.....	4.01	5.01	3.52	6.75	6.06	[b]4.11	.....	4.38	1.89	0.93	3.86	.....
Lumpkin	4.35	5.53	7.78	3.21	5.01	2.58	1.46	7.79	9.76	1.24	0.95	5.01	54.67
*Macon	3.53	3.91	6.94	3.86	2.85	3.82	1.15	3.95	4.64	1.59	0.42	5.37	42.03
Marshallville	4.53	3.98	6.78	3.28	4.41	6.57	2.22	6.68	9.38	2.55	1.06	5.65	57.09
Mauzy	5.56	3.94	6.20	2.79	6.95	2.19	.....	8.52	4.41	0.07	0.64	3.52	.....
Milledgeville	.....	.....	.....	5.46	3.25	5.75	3.22	8.45	5.50	0.46	0.80	5.90	.....
*Millen	3.16	5.01	6.37	4.27	4.60	10.03	6.40	5.67	2.79	0.21	1.14	5.07	54.72
Monticello	3.67	3.09	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morgan	5.48	6.37	8.25	3.28	6.28	2.54	4.14	11.16	6.30	1.07	1.04	4.13	58.04
Naylor	5.80	6.02	6.35	3.20	8.60	3.90	6.90	9.85	4.12	T.	0.95	1.70	57.39
*Newnan	6.10	5.86	5.12	2.77	9.85	4.03	4.55	8.15	7.41	1.65	1.21	6.68	63.38
*Oakdale	6.28	3.52	2.63	4.77	6.68	0.99	1.97	9.67	3.69	0.66	1.86	5.46	47.68
Piscola	2.83	6.60	6.00	2.62	.....	.....	.....	.....	.....	.....	.....	.....	.....
Point Peter	4.08	3.68	5.12	5.12	6.22	4.18	2.84	15.67	7.35	0.54	0.87	6.86	62.53
Poulan	3.94	6.57	6.70	4.19	8.89	3.24	4.89	14.73	3.45	1.57	0.47	4.23	62.87
Putnam	3.49	3.94	6.65	3.48	5.79	4.83	1.70	3.38	9.61	0.73	1.02	5.61	50.23
*Quitman	4.78	6.99	6.95	3.58	3.31	6.53	7.82	8.73	5.54	0.16	1.25	2.39	58.03
Ramsey	6.48	2.74	5.84	4.06	7.08	3.24	3.23	15.02	3.85	0.98	1.78	10.32	64.62
*Rosaca	6.14	3.36	5.91	5.26	5.32	5.06	1.25	11.55	3.45	0.55	1.49	11.22	60.56
*Rome	7.35	3.82	9.17	4.98	6.08	2.62	4.68	12.38	3.75	0.44	1.53	10.58	67.38
*Savannah	3.62	4.21	2.34	1.91	2.71	6.78	3.69	6.44	2.13	0.98	1.01	1.02	36.84
Statesboro	3.14	4.14	5.25	3.10	9.89	8.06	3.10	10.65	1.25	0.65	1.10	2.56	52.89
Talbotton	3.27	3.69	8.65	3.91	5.85	2.46	3.07	7.36	5.76	0.52	0.82	6.48	51.79
Tallapoosa	5.70	.....	.....	.....	9.22	3.31	.....	.....	.....	.....	.....	.....	.....
*Thomasville	4.90	4.59	6.27	2.83	2.17	7.48	10.16	11.59	5.55	0.19	0.84	2.48	59.00
*Toccoa	6.67	3.60	8.55	7.97	6.19	8.01	3.76	20.66	4.49	0.95	0.62	7.65	79.12
*Union Point	.....	.....	.....	.....	4.47	6.41	2.89	7.02	5.20	0.97	0.49	.....	.....
Valona	5.31	5.03	4.37	1.90	3.46	7.96	5.89	8.05	2.97	0.79	1.22	1.52	48.47
Vidalia	3.96	5.49	4.49	3.51	2.74	6.87	4.16	7.97	2.44	.....	.....	1.44	.....
*Washington	3.37	3.18	3.10	6.40	6.43	8.64	4.78	8.89	6.12	1.97	0.92	6.83	59.74
Waverly	.....	.....	.....	.....	.....	.....	13.56	13.37	7.63	1.95	0.92	1.20	.....
*Waycross	4.53	4.01	4.22	1.49	4.41	9.87	2.90	8.18	3.76	4.08	0.60	1.68	49.68
*Waynesboro	3.12	2.44	.....	5.42	3.46	4.73	3.71	6.01	2.23	0.92	0.42	1.40	.....
*Westpoint	5.47	4.18	5.58	2.86	6.22	5.46	3.80	10.23	5.63	0.82	1.35	11.13	62.73
*Woodbury	6.06	2.88	7.19	4.96	6.77	5.38	0.88	9.15	4.18	0.26	0.20	6.90	54.81
Idaho.													
Albion	1.11	1.79	1.59	0.56	1.88	0.48	0.21	0.02	1.19	2.03	0.44	2.54	13.84
American Falls	0.94	1.29	0.58	0.96	2.05	0.28	0.00	T.	0.55	1.01	0.67	2.37	10.70
Atlanta	3.84	2.63	1.81	1.34	0.97	0.24	0.04	0.17	2.19	1.52	.....	.....	.....
Blackfoot	0.30	0.51	0.31	0.76	0.54	0.00	0.23	0.60	0.50	0.18	T.	1.25	5.18
*Boise	1.56	1.27	1.13	1.12	0.38	T.	T.	0.02	0.37	1.70	0.28	1.76	9.59
Burnside	1.40	0.35	0.75	1.20	0.97	1.24	0.20	0.82	0.60	0.50	0.25	1.45	9.73
Chesterfield	0.91	1.35	1.01	0.10	1.25	0.41	0.06	1.68	0.39	0.95	0.44	1.68	10.23
Downey	0.90	0.70	0.90	0.50	0.41	1.40	0.00	0.18	0.09	0.12	T.	0.46	5.66
Forney	1.53	1.94	2.97	1.98	2.59	2.04	0.35	0.29	2.22	0.71	1.79	2.44	20.85
Garnet	0.54	1.04	0.18	0.34	0.74	T.	0.00	0.00	0.42	2.02	0.18	0.92	6.38
Grangeville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.14	0.85	.....
Hagerman	0.74	1.42	0.26	0.36	0.51	0.10	T.	.....	.....	.....	.....	.....	.....
Hailey	4.17	2.17	1.44	0.05	1.25	0.08	T.	0.18	0.90	1.50	0.62	0.95	13.31
Idaho City	.....	.....	.....	0.07	0.28	T.	0.00	0.01	0.13	0.70	[c]1.03	.....	.....
Kootenai[1]	3.93	2.90	0.80	.....	.....	.....	1.71	0.21	.....	.....	.....	.....	.....
Lake	2.60	1.30	2.40	2.70	1.40	0.82	0.40	1.45	.....	0.92	0.60	2.90	.....
Lakeview	3.51	2.94	2.39	2.88	1.96	3.19	0.42	0.13	2.79	1.20	4.77	2.30	27.98
*Lewiston	0.94	1.44	0.94	0.86	1.10	1.35	0.63	0.02	1.62	0.33	1.07	2.14	12.44
Lost River	1.54	0.34	1.08	0.53	0.94	0.27	0.16	0.37	1.23	1.04	0.11	0.98	8.59
Moscow	2.93	3.06	2.28	1.87	2.40	2.20	0.59	0.17	1.26	0.71	2.94	3.10	23.51
Murray	4.65	4.84	3.91	1.92	3.32	5.34	0.38	0.62	3.16	1.46	5.05	5.22	38.86
Oakley	0.55	1.30	0.15	0.20	0.90	0.15	0.10	1.20	0.70	1.50	0.20	.....	.....
Ola	2.82	3.39	1.74	1.76	0.93	0.68	0.00	0.11	1.09	0.96	1.51	3.74	18.73
Paris	0.66	1.60	0.30	0.88	0.60	0.40	0.18	0.26	.....	0.49	.....	.....	.....
Payette	1.13	4.76	0.98	0.66	1.09	0.34	0.00	0.12	0.40	0.38	0.70	2.94	13.50
*Pocatello	0.53	0.80	0.93	0.52	0.81	0.15	T.	0.19	0.71	0.58	0.72	1.62	7.06
Pollock	2.27	0.95	2.02	1.81	2.19	1.16	0.03	0.64	1.01	0.54	0.69	1.96	14.77
Porthill	.....	.....	.....	.....	.....	.....	.....	.....	1.51	0.47	2.57	1.34	.....
Priest River	3.02	2.59	1.97	1.88	3.80	2.22	2.17	0.31	2.96	1.09	3.67	2.15	27.78
Riddle	.....	.....	.....	.....	.....	0.89	0.10	0.32	0.93	1.60	0.15	1.44	.....
St. Maries	3.41	2.77	2.33	2.42	2.63	2.89	0.38	0.32	2.49	1.11	3.65	[d]3.18	27.58
Soldier	2.44	2.91	1.13	0.54	0.45	0.18	0.16	0.09	.....	.....	.....	[e]0.41	.....
Swan Valley	0.47	0.75	0.38	0.98	2.35	0.96	0.04	2.29	0.98	.....	0.77	1.80	.....
Vernon	.....	.....	.....	.....	1.44	1.09	0.06	1.36	0.55	0.82	0.52	0.60	.....
Weston	0.94	1.40	0.60	1.35	2.28	[f]0.45	0.51	2.00	0.66	1.28	0.15	1.25	12.87
Illinois.													
Albion	1.31	2.34	4.00	3.10	1.60	3.84	3.31	2.11	1.99	2.87	1.72	5.70	33.89
Aledo	1.44	1.88	2.72	1.28	1.93	2.48	2.16	0.44	2.36	0.87	1.06	0.91	19.33
Alexander	2.33	1.44	2.75	1.34	0.70	2.23	1.44	2.84	1.54	2.00	0.88	2.15	21.64
Antioch	.....	.....	.....	.....	.....	.....	2.85	1.31	1.97	0.61	0.66	0.90	.....
Ashton	0.91	1.16	3.12	0.46	2.68	2.02	4.14	0.44	2.13	0.73	1.33	0.99	20.11
Astoria	2.30	0.97	3.07	1.40	0.58	3.86	2.65	0.70	2.63	0.71	0.82	2.63	22.37
Aurora	1.39	1.73	4.11	0.39	0.71	1.81	4.79	1.06	2.34	1.27	1.21	1.40	22.21
*Beardstown	.....	.....	3.72	1.87	0.67	3.72	.....	.....	.....	.....	.....	.....	.....
Bloomington	1.70	1.84	4.04	0.94	2.09	4.79	1.96	1.07	1.87	2.14	1.11	3.08	26.63
Bushnell	0.87	1.10	2.85	0.13	0.70	3.11	4.24	1.20	2.60	0.70	1.00	1.50	20.60
*Cairo	1.52	1.78	3.62	2.70	2.00	0.91	4.57	3.83	1.56	3.40	1.77	4.02	31.68
Cambridge	1.37	1.90	3.11	1.37	2.06	2.61	3.90	1.38	2.17	0.88	1.50	1.16	23.41
Carlinville	1.70	1.81	4.15	2.56	0.86	3.65	0.72	1.33	0.83	2.63	1.49	4.54	26.77

[1] Name of station changed to Porthill, September 1, 1901.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Illinois—Continued.													
Carlyle	0.72	1.81	3.85	2.78	2.38	2.47	0.27	2.65	1.09	2.80	2.24	4.21	27.27
Centralia	1.28	2.25	3.85	1.99	0.98	1.46	0.95	3.52	1.50	2.94	2.16	4.08	26.96
Charleston	1.39	2.30	3.82	.....	2.87	.....	.....	.....	.....	.....	1.62	3.17	.....
*Chemung	1.43	1.27	4.54	0.47	1.77	3.56	2.45	2.28	2.95	0.66	0.94	1.73	24.05
*Chester	1.00	1.60	3.39	2.99	1.56	1.72	0.32	2.32	1.55	1.92	1.34	1.92	21.63
*Chicago	1.15	2.05	3.38	0.33	2.18	2.42	4.25	2.00	2.92	1.29	0.85	1.70	24.52
Cisne	1.03	1.91	3.64	2.83	1.82	1.81	1.58	2.61	1.84	3.09	1.31	4.84	28.31
Coatsburg	1.70	1.07	3.09	2.42	0.45	6.66	2.38	0.32	2.51	0.91	1.62	2.27	25.43
Cobden	1.34	2.45	5.73	3.74	1.69	2.57	1.20	5.96	0.77	1.97	1.28	5.68	34.38
Danville	1.36	0.56	2.28	0.93	3.04	2.00	T.	2.05	0.40	2.13	1.27	2.84	18.86
*Decatur	1.78	1.17	3.23	1.98	2.00	5.33	0.49	0.86	1.27	3.18	1.54	4.43	27.26
*Dixon	1.09	0.54	2.98	0.34	2.28	2.48	8.98	0.53	2.36	0.90	1.00	1.13	24.61
Dwight	1.60	1.03	3.17	0.50	1.93	3.71	2.00	1.67	2.05	1.44	1.14	2.54	22.78
Effingham	1.38	2.16	5.32	2.16	1.29	3.97	1.32	1.09	0.40	1.20	1.80	3.00	23.09
Equality	0.65	1.76	3.26	3.06	1.65	3.02	2.11	3.39	0.85	4.74	1.54	3.53	29.56
Flora	0.86	2.19	3.46	3.07	2.04	3.91	2.09	2.80	0.84	2.95	1.82	5.18	31.21
Friendgrove	1.60	2.08	4.39	.....	.....	.....	.....	.....	.....	3.98	1.97	5.72	.....
*Galva	1.13	1.77	2.70	0.95	1.51	3.70	4.59	1.38	2.84	1.17	1.08	1.09	23.91
*Grafton	1.78	1.95	2.46	1.44	0.38	1.52	2.10	1.08	0.45	1.86	1.68	3.88	20.58
Grayville	1.82	2.03	.....	.....	.....	.....	0.97	1.39	2.40	3.91	1.55	4.64	.....
Greenville	1.40	2.02	3.22	2.87	1.96	2.21	1.69	4.40	1.17	2.35	1.25	3.68	28.22
Griggsville	2.06	1.51	3.25	1.46	0.46	3.55	2.74	0.22	3.65	1.80	0.77	2.82	24.29
Halfway	1.37	1.45	3.36	2.86	2.30	1.75	0.50	3.60	1.64	2.77	1.30	5.21	28.11
Halliday	1.25	1.25	4.21	1.79	2.03	1.60	0.07	2.51	0.74	1.95	1.23	3.33	21.96
Havana	2.54	1.09	7.30	0.89	0.66	5.02	1.85	[1]1.04	1.61	0.66	0.50	0.73	23.89
Henry	1.45	1.23	3.97	0.96	2.20	2.83	3.40	1.90	2.56	0.83	1.50	1.76	24.59
*Hillsboro	1.92	1.98	3.05	2.15	1.46	2.54	1.93	4.26	1.03	2.31	1.72	3.66	28.01
Joliet	1.88	1.62	3.62	0.56	0.81	3.14	5.42	2.84	2.55	0.85	1.06	2.36	27.28
Kishwaukee	1.41	2.40	3.93	0.46	2.00	3.13	4.39	1.36	3.34	0.82	[1]1.03	1.53	25.80
Knoxville	1.11	1.07	2.55	1.14	1.25	3.17	2.51	0.65	2.40	0.91	1.15	0.89	18.80
Lagrange	1.45	2.03	3.78	0.47	0.96	4.38	[2]2.87	2.00	3.56	1.65	1.04	1.33	25.72
Laharpe	1.17	1.65	2.24	1.30	2.10	6.10	5.15	0.80	2.07	0.85	1.08	0.69	25.90
Lanark	0.90	0.70	2.75	0.66	2.72	1.87	1.15	0.27	2.58	1.39	1.06	1.26	17.31
La Salle	.....	.....	.....	0.66	1.34	3.58	4.99	2.80	2.25	0.56	1.54	.....	.....
Loami	1.87	1.49	2.67	1.84	1.92	2.30	0.27	1.69	1.47	1.69	1.05	2.77	21.03
*McLeansboro	1.41	2.10	3.79	2.73	1.06	2.39	2.87	2.65	0.94	2.33	1.36	5.20	28.83
Martinsville	0.57	0.80	1.28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Martinton	1.55	1.30	4.06	1.37	2.19	4.76	1.85	3.15	1.82	2.90	1.10	3.10	29.15
Mascoutah	1.61	2.55	3.10	2.81	4.19	3.10	0.76	0.73	1.80	2.76	1.44	3.53	28.38
Mattoon	1.85	0.90	2.48	2.18	2.97	5.95	1.20	1.07	1.46	3.45	2.14	3.63	29.28
Melrose	.....	.....	.....	.....	.....	6.41	0.43	1.56	0.42	2.40	1.10	3.93	.....
Minonk	1.49	1.31	3.60	0.61	2.41	2.50	2.10	0.75	1.22	0.75	0.78	1.87	20.39
Monmouth	1.24	1.19	2.00	1.23	1.28	4.96	5.44	0.37	3.00	1.03	0.87	0.78	23.39
Monticello	2.14	1.25	.....	.....	2.68	4.44	0.20	1.99	1.80	2.47	1.30	1.05	.....
Morgan Park	0.70	1.45	3.98	0.69	0.85	3.35	5.71	1.24	3.68	1.35	1.42	2.29	26.71
Morrison	.....	.....	.....	.....	.....	.....	6.42	0.29	2.19	0.83	1.03	1.36	.....
Morrisonville	1.52	1.66	2.26	2.57	1.98	5.53	0.71	1.13	1.50	3.27	1.78	3.97	27.88
*Mount Carmel	1.63	1.70	5.20	3.34	1.84	4.44	0.32	1.46	2.14	4.43	1.71	6.07	34.31
Mount Pulaski	1.96	1.36	3.68	1.36	2.24	7.76	1.67	1.17	2.60	1.98	1.07	2.47	29.32
*Mount Vernon	1.37	2.54	3.79	2.51	1.23	2.32	0.69	3.29	1.58	2.25	1.79	4.05	27.36
*New Burnside	1.01	2.14	3.72	3.63	1.63	1.34	0.33	2.81	1.00	3.92	1.70	4.85	28.08
Olney	1.00	2.88	4.24	2.58	3.09	2.56	0.25	2.45	1.07	2.49	1.27	5.16	29.04
Ottawa	1.76	2.10	3.51	0.61	2.15	2.67	5.47	0.81	3.20	0.91	1.49	2.09	26.77
Palestine	1.08	2.95	5.57	2.52	1.34	6.42	0.97	2.75	1.38	2.79	2.00	5.34	35.06
Pana	1.64	1.92	3.71	2.19	3.01	3.94	1.08	2.66	1.73	2.64	1.70	3.16	29.98
*Paris	1.48	1.65	3.87	2.82	2.78	7.43	2.07	2.53	1.56	3.61	2.19	3.54	35.53
*Peoria[1]	2.00	1.25	2.90	0.71	1.48	4.84	4.39	1.50	3.51	0.75	1.08	2.18	26.59
*Peoria[2]	1.98	1.24	4.31	0.81	1.50	4.32	3.97	1.29	2.64	0.90	0.80	2.26	26.02
Philo	2.01	1.99	3.11	1.80	2.66	5.72	3.73	2.44	1.19	3.57	1.36	3.75	33.33
Plumhill	1.29	2.11	3.12	2.27	1.34	2.14	3.17	2.48	1.02	[2]2.74	2.11	4.23	28.02
*Rantoul	1.57	1.54	3.98	1.42	4.38	4.83	0.51	4.37	2.71	3.32	1.03	3.49	33.75
Raum	1.66	1.54	4.10	3.98	1.51	0.91	1.96	3.54	1.47	5.45	1.94	4.33	32.39
Riley	1.38	1.69	3.38	0.26	1.10	2.37	3.28	1.15	2.01	0.86	1.05	1.22	19.70
Robinson	1.09	2.00	3.95	3.16	1.75	5.14	0.71	2.06	1.37	3.74	1.70	5.18	31.85
*Rockford	.....	.....	.....	.....	2.14	3.72	2.75	1.16	2.85	.....	.....	.....	.....
Roundgrove	0.82	0.63	2.92	0.49	2.62	3.82	.....	.....	.....	.....	.....	.....	.....
Rushville	2.50	1.21	3.37	1.89	0.09	.....	.....	.....	.....	.....	1.07	1.79	.....
St. Charles	1.53	0.88	2.76	.....	1.51	2.32	4.72	1.01	2.38	1.37	1.54	1.19	.....
St. John	1.38	1.83	4.59	2.48	1.68	.....	.....	2.46	0.45	2.71	1.03	3.24	.....
Scales Mound	0.86	.....	.....	.....	.....	2.17	2.34	0.59	3.00	1.72	0.81	1.60	.....
Shobonier	1.62	1.86	3.21	1.97	2.24	2.07	2.95	1.61	0.71	2.59	1.44	3.24	25.51
*Springfield	1.80	1.31	2.96	1.23	1.88	5.34	0.58	2.92	1.95	1.78	1.06	2.70	25.51
Strawn	1.46	1.18	3.59	1.07	2.77	4.22	2.37	3.00	2.52	3.22	1.00	[2]2.64	29.04
*Streator	1.42	1.40	3.49	0.75	1.24	2.85	3.02	2.56	2.20	0.63	1.38	2.15	23.09
Sullivan	1.72	2.15	3.61	2.19	5.02	6.29	1.43	3.25	1.04	2.84	1.78	3.11	34.43
*Sycamore	1.27	1.19	3.86	0.44	1.63	1.88	4.51	1.06	2.18	0.71	1.32	1.30	21.35
Tilden	0.99	1.96	3.03	2.11	2.32	1.37	1.33	1.05	2.37	2.28	2.40	3.59	24.80
Tiskilwa	1.36	1.83	3.58	0.80	2.63	2.15	5.12	2.02	2.10	0.70	1.54	1.41	25.19
*Tuscola	2.16	2.20	3.29	2.04	3.82	4.97	1.34	2.70	1.04	3.44	1.82	3.73	32.55
Walnut	1.03	1.25	2.57	0.51	2.43	4.16	3.53	1.58	2.06	0.82	1.37	1.25	22.56
Wellington	.....	.....	4.12	1.50	1.20	2.92	1.39	3.56	5.41	2.80	1.06	2.13	.....
Wheaton	1.42	1.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester	2.31	1.60	3.03	1.48	1.45	1.91	1.56	0.47	1.95	3.36	1.29	2.53	22.94
Winnebago	1.10	1.47	3.52	0.43	2.79	2.83	3.76	1.21	3.15	0.92	1.20	2.05	24.43
Yorkville	1.17	1.26	4.05	0.31	0.67	1.71	3.34	0.80	3.36	1.08	0.99	1.23	19.97
Zion	1.00	1.60	2.21	0.73	2.56	3.01	1.53	0.05	2.10	2.84	0.55	0.35	18.53
Indiana.													
Anderson	1.37	1.44	3.23	2.82	2.79	3.30	0.99	1.60	1.06	3.54	1.30	5.24	28.68
Angola	3.19	1.93	3.26	2.54	2.75	4.10	5.95	4.58	0.87	6.15	1.81	3.47	40.60

[1] River observer.

[2] Corn and wheat region observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Indiana—Continued.													
*Auburn	1.58	1.44	1.15	1.94	2.45	2.87	1.38	3.71	1.30	3.71	1.15	1.57	24.25
Bedford	1.00	.....	.....	2.14	.....	2.87	2.02	2.05	.....	.....	.....	3.05	.....
*Bloomington	2.15	2.15	5.42	3.81	1.00	4.49	0.77	2.63	0.99	4.03	0.95	4.75	33.14
Bluffton	1.17	0.93	2.76	2.34	4.16	3.29	1.23	4.79	1.12	3.40	1.50	4.01	30.70
Bright	1.12	1.45	1.96	2.40	2.90	4.84	0.59	.....	.....	.....	1.22	.....	.....
Butlerville	1.57	1.98	3.33	2.99	2.15	3.13	0.77	2.78	2.19	1.36	1.43	4.93	28.61
*Cambridge City	1.39	1.29	2.95	2.81	2.78	4.23	2.87	4.65	1.97	1.58	1.02	4.01	31.55
*Columbus	1.36	1.94	2.48	3.50	1.31	3.69	1.93	3.07	2.35	2.33	1.02	3.97	28.95
Connersville	1.70	1.64	2.48	2.93	2.65	4.54	0.50	2.47	[b]1.29	1.29	0.90	3.74	26.13
Crawfordsville	1.10	1.40	.....	2.35	2.89	6.05	0.40	5.70	0.85	3.90	.....	2.50	.....
*Delphi	1.41	1.57	3.43	2.21	3.62	4.24	0.47	2.81	0.78	5.06	1.52	3.80	30.92
Edwardsville	1.11	1.37	3.57	3.12	2.18	3.91	2.75	1.85	2.42	1.44	1.45	4.23	29.43
*Evansville	1.05	1.34	3.46	2.99	1.00	4.25	0.18	2.07	1.82	4.48	1.71	4.65	29.00
Fairmount	1.05	1.36	3.37	2.05	3.59	.....	.....	.....	.....	.....	.....	.....	.....
*Farmland	1.87	1.42	2.49	2.97	2.89	4.18	2.61	4.39	1.43	2.02	0.84	4.65	31.76
Fort Wayne	1.49	1.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Franklin	1.48	1.21	2.36	1.76	1.29	4.96	0.81	.....	.....	3.33	0.91	4.41	.....
Greencastle	1.21	1.90	3.58	2.97	2.82	7.96	T.	3.16	0.56	4.85	1.09	4.27	34.37
Greensburg	.....	2.63	3.36	7.12	2.66	1.14	[d]3.35	.....	.....	1.69	.....	4.04	.....
Hammond	0.96	2.30	5.26	0.69	1.82	3.24	2.58	1.34	1.83	1.72	2.23	4.15	28.12
Hector	1.47	1.20	1.65	2.59	3.87	3.75	1.41	2.72	1.81	1.81	1.30	3.35	26.93
Huntington	2.07	1.47	4.58	2.58	5.89	3.05	0.91	2.53	1.70	5.53	1.35	3.58	35.24
*Indianapolis	1.59	1.63	4.11	3.19	2.45	3.52	0.83	3.57	0.66	3.52	1.17	4.09	30.33
Jeffersonville	1.15	1.13	3.45	2.61	2.72	4.90	2.58	3.32	3.05	0.67	1.18	4.39	31.17
Knightstown	1.76	1.24	[c]3.65	3.56	2.18	4.95	0.97	3.31	1.62	2.58	1.10	4.80	31.72
Kokomo	1.10	1.53	3.59	2.47	4.91	5.09	0.17	3.35	1.34	4.64	1.08	2.10	31.37
*Lafayette	1.36	2.17	5.26	2.07	2.89	4.46	0.44	2.50	1.34	4.78	1.28	3.46	32.01
Laporte	2.75	2.25	4.10	1.34	1.82	2.49	3.86	3.71	2.82	4.19	1.55	2.83	33.21
*Logansport	1.30	1.59	3.29	3.17	2.64	2.99	1.09	3.38	0.88	4.47	1.23	3.49	29.52
Madison [1]	1.02	1.51	3.74	2.52	2.40	4.01	0.89	3.18	1.76	0.92	1.42	4.01	27.38
*Madison [2]	0.92	1.03	3.90	2.20	2.00	4.40	1.27	2.01	1.71	0.88	2.10	3.87	26.29
Marengo	1.94	2.13	3.48	2.95	2.37	4.76	1.01	2.67	2.40	2.66	1.49	4.51	32.87
*Marion	1.27	1.58	3.05	2.65	5.20	4.39	0.16	2.77	1.30	4.09	1.19	3.94	32.35
Markle	0.67	0.60	3.55	2.10	5.20	3.90	0.20	3.80	1.10	2.90	1.70	2.97	28.69
Mauzy	1.67	1.92	3.25	3.09	2.32	3.32	2.10	4.47	1.72	2.10	1.14	4.01	31.11
Mount Vernon	1.39	0.80	3.74	2.79	0.88	3.71	1.56	2.39	0.91	.....	1.78	4.07	.....
Northfield	1.37	1.50	4.00	2.90	3.29	4.80	0.10	4.52	0.68	3.12	0.87	3.19	30.34
Paoli	0.97	1.75	3.37	3.58	1.07	3.67	0.47	2.07	2.39	3.89	1.22	4.67	29.12
Peru	1.65	1.39	.....	1.24	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prairie Creek	0.79	0.50	3.30	2.51	.....	.....	0.69	0.86	1.44	3.42	1.58	4.00	.....
Princeton	1.25	2.00	3.55	2.50	1.95	3.10	0.60	2.10	2.55	3.20	1.65	3.75	28.20
Rensselaer	2.10	1.27	.....	1.30	.....	.....	2.40	.....	1.75	4.38	1.29	3.51	.....
Richmond	1.67	1.31	2.74	2.37	2.52	4.03	1.49	3.56	1.18	1.49	0.76	3.85	26.97
Rockville	1.10	1.56	3.87	3.12	2.26	7.92	0.81	3.46	0.81	4.22	1.30	3.46	33.39
Salem	1.05	1.65	3.33	3.18	1.98	8.14	0.25	2.84	2.02	1.85	1.28	4.57	32.09
Scottsburg	0.95	1.95	3.26	2.54	2.06	5.57	T.	1.84	1.87	1.35	1.36	4.47	27.22
Seymour	1.40	2.30	3.30	4.20	2.15	3.63	0.30	7.77	3.19	2.00	1.01	4.67	35.92
Shelbyville	2.58	1.40	3.07	3.75	3.14	4.08	1.80	2.89	1.35	.....	.....	.....	.....
*South Bend	2.51	1.88	4.32	1.67	1.96	3.01	2.25	2.46	1.42	3.95	2.00	3.50	30.93
Syracuse	3.39	2.68	4.41	2.34	2.10	2.16	2.70	1.05	0.77	6.85	1.59	4.48	34.52
*Terre Haute	1.16	1.59	4.39	2.98	2.47	6.51	0.46	2.63	0.42	3.06	1.93	4.18	31.78
Topeka	1.10	0.41	1.10	1.77	1.48	1.03	0.90	4.84	0.65	7.08	1.80	2.91	25.67
Valparaiso	0.70	2.10	.....	.....	.....	2.42	1.49	1.06	1.76	3.38	0.86	1.84	.....
Veedersburg	1.34	1.39	3.78	2.13	2.68	7.98	0.39	4.40	T.	4.45	0.98	3.20	32.72
Vevay	0.80	2.98	3.07	1.80	4.95	6.30	0.40	1.55	2.60	0.60	1.45	3.85	30.35
*Vincennes	0.86	2.18	3.70	3.00	1.21	6.20	1.80	3.90	2.40	4.90	1.63	5.85	37.63
*Washington	1.14	2.32	3.52	3.24	0.82	5.15	1.43	3.67	2.68	3.94	1.89	5.22	34.97
Winamac	1.47	1.65	2.48	2.04	1.16	2.11	0.50	3.29	1.08	6.06	0.85	4.76	27.75
Worthington	1.41	2.23	3.91	3.77	1.75	4.13	3.11	2.26	0.92	4.67	1.34	5.01	34.51
Indian Territory.													
*Ardmore	.....	.....	.....	.....	.....	.....	3.68	2.72	1.23	1.24	0.38	1.17	.....
Bengal	1.90	1.45	5.10	2.80	9.08	2.40	2.60	3.07	2.00	1.85	1.35	2.75	36.35
Chickasha	0.51	0.55	0.25	1.22	8.33	0.78	0.28	0.77	0.35	0.88	1.00	1.41	16.33
Claremore	0.63	0.41	2.25	[c]2.64	1.90	3.00	0.65	0.90	1.80	.....	.....	.....	.....
Colbert	0.06	2.00	.....	.....	5.00	.....	.....	.....	.....	.....	.....	.....	.....
*Durant	.....	.....	.....	.....	.....	.....	.....	.....	1.54	1.27	0.71	1.01	.....
Fairland	0.63	1.07	3.38	3.15	2.47	.....	1.94	3.89	1.62	2.39	3.02	[c]2.47	.....
Hartshorne	0.90	0.88	3.37	3.29	6.31	2.05	1.55	2.39	2.24	2.20	2.10	1.83	29.11
Healdton	T.	1.95	0.69	3.03	8.48	1.83	1.76	2.95	T.	1.40	0.68	0.68	23.45
*Holdenville	.....	.....	.....	1.60	5.55	3.88	5.78	0.18	1.04	4.75	1.68	2.72	.....
Lehigh	1.10	1.30	2.03	2.26	9.48	0.92	3.20	2.95	.....	.....	.....	.....	.....
*Marlow	0.36	0.74	0.19	3.80	6.93	1.50	1.06	0.57	1.05	1.31	1.54	1.42	19.97
*Muscogee	0.35	1.11	2.11	3.67	3.03	2.51	2.76	1.48	0.81	4.69	2.34	1.78	26.64
Pauls Valley	[b]0.16	0.79	0.64	2.30	7.72	1.54	1.50	0.70	0.42	[b]1.30	[d]0.65	1.25	18.97
Roff	T.	1.60	0.90	4.05	8.85	.....	2.46	2.87	2.00	1.43	2.15	[d]2.50	.....
Ryan	T.	0.94	0.10	2.35	9.78	0.50	0.90	0.88	0.55	0.65	1.17	0.55	18.37
Sapulpa	.....	.....	.....	3.01	1.90	2.30	1.95	1.55	.....	.....	.....	.....	.....
South McAlester	0.54	0.75	2.77	3.31	6.80	2.75	2.07	2.58	4.03	2.10	2.03	1.86	31.59
Tahlequah	0.85	2.05	3.30	7.90	2.35	2.40	5.51	1.82	2.15	2.10	6.10	2.68	38.21
Tulsa	0.71	1.07	1.57	2.77	2.88	4.55	0.48	0.78	1.70	2.37	3.60	1.81	24.29
Wagoner	0.35	1.30	2.39	3.40	1.65	2.02	0.75	1.95	0.50	3.25	1.19	.....	.....
*Webbers Falls	0.94	1.14	2.92	4.09	2.87	2.58	3.00	1.06	1.76	2.60	2.70	1.69	27.25
Iowa.													
Afton	0.76	1.10	3.19	3.21	2.90	5.05	4.42	0.44	3.56	2.82	1.17	1.00	29.62
Albia	0.60	2.35	2.74	2.65	1.46	2.47	2.75	1.25	2.36	1.26	2.02	1.56	23.49
Algona	0.56	0.80	2.21	2.02	2.93	3.82	4.80	3.61	9.40	1.07	1.17	0.78	33.16
Alta	0.42	0.49	2.34	1.61	1.86	3.20	1.55	3.70	6.58	1.87	1.22	0.89	25.68
Amana	1.50	1.60	3.48	1.09	1.83	4.36	1.35	0.98	1.71	1.48	0.93	1.59	22.59

[1] W. P. Gosnell.

[2] River observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Iowa—Continued.													
Ames	0.57	0.90	1.64	1.82	3.69	2.36	2.26	1.21	3.65	2.98	0.67	0.57	22.32
Atlantic	0.78	1.70	3.02	2.85	2.48	6.70	1.44	1.13	3.71	2.80	0.72	0.60	27.93
Audubon		0.23			1.00						0.25	1.67	
Bancroft	0.50	0.80	2.60	1.80									
Batavia	0.60	1.00											
Battle Creek				2.00	1.51	3.26	0.60	3.17	5.45	1.39			
Baxter	0.82	1.18	4.11	1.74	2.07	4.53	2.15	0.87	2.79	2.28	0.43	0.38	23.35
Bedford	0.62	0.84	3.09	2.83									
Belknap	1.23	2.00	2.73	1.73	0.72	2.43	2.07	0.33	2.40	0.93	0.93	2.75	20.25
Belleplaine	0.66	1.90	5.02	1.90	4.57	3.04	1.68	1.27	2.50	1.54	1.00	1.45	26.53
Bonaparte	1.05	1.17	2.50	1.34	1.30	2.26	0.94	0.31	2.46	0.90	0.82	1.30	16.35
Britt	0.44	0.51	1.35	1.84	2.63	3.45	4.98	1.94	8.37	1.49	0.81	0.27	28.08
Buckingham	1.25	1.20	2.59	1.89	3.00	2.99	1.59	1.06	2.23	1.82	0.67	0.93	20.72
Burlington	1.54	1.66	3.30	1.86	2.10	4.95	2.15	0.36	2.26	1.08	0.77	0.91	23.24
Bussey	0.75	1.25	2.05	2.12	1.43	3.10	2.56	0.95	1.60	1.33	0.55	1.40	19.09
*Carroll	0.50	0.75	2.78	2.83	2.20	4.41	0.74	2.24	8.34	3.12	1.14	0.50	28.55
*Cedar Rapids	1.05	1.84	2.74	1.17	1.86	3.86	2.74	0.42	2.64	1.37	0.61	1.76	22.06
*Centerville	0.40	1.50				1.56	2.09	0.21	2.43	2.05	0.78		
Chariton	0.95	1.13	2.95	2.02	1.28	5.18	4.25	0.61	2.03	1.70	0.58	1.51	24.19
*Charles City	1.10	0.79	2.65	2.86	2.30	2.69	2.65	2.08	5.21	2.37	0.50	0.32	25.02
*Clarinda	0.82	1.42	3.64	3.33	2.10	5.94	5.18	0.65	4.89	4.03	1.30	0.75	34.05
Clearlake	0.50	0.70	2.10	1.40	2.10	2.15	3.70	1.45	6.00	2.40	0.65	0.32	23.47
Clinton	1.35	1.40	3.86	0.80	1.72	3.17	4.26	0.48	2.52	0.81	0.82	0.88	22.07
College Springs	0.69	0.98	2.42	3.47	3.00	4.88	5.57	0.74	3.18	1.35	1.00	0.85	28.13
Columbus Junction	0.92	1.23	3.00	1.69	1.95	1.05	1.82	1.75	2.54	1.34	0.89	1.96	20.05
Corning	0.50	1.40	2.80	2.87	4.15	5.34	1.91	0.70	3.34	3.57	1.30	1.18	29.26
Council Bluffs	0.27	1.06	3.74	0.82	2.51	4.75	2.11	0.88	5.35	1.88	0.88	0.68	24.93
Cresco	0.48	0.77	2.78	0.99	2.02	1.52	4.08	1.36	6.40	2.25	0.50	0.40	23.55
Cumberland	0.40	1.50	1.55	2.22	2.33	5.14	1.39	0.71	2.87	2.46	1.24	0.80	22.61
Danville	0.90	1.00	2.65	2.21	2.18	1.61	2.37	T.	2.47	1.56	0.72	1.72	19.39
*Davenport	1.10	1.59	2.57	0.88	1.37	3.02	1.48	0.46	2.29	0.45	0.79	1.33	17.33
Decorah	0.90	0.83	2.82	1.22	3.88	2.99	3.30	1.02	7.28		1.46	0.30	
Delaware	0.74	0.55	2.16	1.18	1.70	2.72	1.52	0.62	3.77	2.17	0.48	1.07	18.68
Denison	0.35	0.72	1.69	3.14	1.31	4.11	0.22	0.65	7.45	2.26	0.61	0.86	23.40
*Des Moines	1.01	1.11	3.02	2.26	1.40	2.41	1.72	0.67	2.60	2.14	0.40	1.03	19.77
Desoto	0.60	1.45	1.82	1.84	3.03	3.42	1.58	0.72	2.64	2.55	1.20	0.95	21.80
Dows	0.89	1.00	3.31	2.09	2.42	2.28	2.17	2.22	6.52	3.00	0.58	0.55	27.03
*Dubuque	1.07	1.07	2.88	1.01	3.10	1.23	2.31	0.25	3.72	1.04	0.67	1.44	19.79
Eldon	0.98	0.68	2.82	1.49	0.99	3.15	1.24	0.60	2.72	1.41	0.75	1.78	18.61
Elkader	0.91	0.85	2.62	0.88	2.34	1.56	2.95	0.82	4.04	2.53	0.87	0.61	20.98
Emerson	0.33	2.00	4.50	2.21	3.13	4.42	1.87	T.	3.66	2.30	0.00	0.30	24.72
*Estherville	0.29	1.00	1.15	1.49	2.38	3.22	1.41	4.28	6.14	0.94	1.16	0.57	24.03
Fayette	1.10	0.66	3.25	1.46	2.85	3.69	0.62	3.04	4.80	2.32	0.65	0.70	25.14
Fonda	0.60	0.49	3.56	2.81	2.85	4.16	4.38	1.02	15.62	2.34	1.22	0.64	37.69
*Forest City	0.90	0.70	1.95	1.67	2.08	3.43	4.00	2.15	9.48	1.21	0.57	0.60	28.74
Fort Dodge	0.85	0.40	1.50	2.88	3.75	2.95	4.82	1.33	7.13	4.20	0.90	0.20	30.91
Fort Madison	1.30	1.04	3.75	2.51	3.11	4.91	2.19	0.05	2.20	1.09	0.79	1.42	24.36
Fruitland	0.50	1.50	2.15	1.53	1.60								
Galva	0.22	0.90	3.40	1.40	1.12	2.35	0.69	1.45	7.12	1.91	2.00	0.65	23.21
Gilman	0.82	1.64	2.17	1.73	2.98	4.88	3.51	0.86	2.64	2.09	0.43	0.45	24.20
Glenwood	0.32	0.70	1.75	1.83	2.31	4.66	2.31	0.98	3.43	2.64	0.60	0.90	22.43
Grand Meadow	0.94	0.35	2.55	1.17	2.85	3.01	1.56	0.99	5.96	2.95	0.70	0.64	23.67
Greene	0.96	0.51	2.24	1.66	1.58	2.22	2.84	2.17	4.79	3.18	0.32	0.21	22.68
Greenfield	0.41	1.05	2.32	2.86	3.28	5.71	2.26	1.17	3.53	2.74	1.39	0.89	27.61
Grinnell	0.75	0.68	2.98	1.46	2.82				2.29	1.63	0.66	1.47	
Grinnell (near)	1.01	1.24	3.20	1.79	3.55	4.72	1.46	1.27	2.53	1.81	1.07	0.84	24.49
Grundy Center	0.75	1.10	3.17	1.45	2.84	5.12	2.13	1.86	2.97	2.03	0.89	0.83	25.14
Guthrie Center	1.10		1.55	2.02		4.74	1.76	1.25	4.17	2.15	1.33	0.79	
Hamburg	0.30	0.40	1.78										
Hampton	1.01	0.98	3.38	2.10	2.06	2.46	2.89	1.84	6.38	2.88	0.65	0.43	27.06
Harlan	0.38	1.05	3.26	1.97	1.78	7.29	0.76	0.81	8.02	3.25	0.67	0.90	30.14
Hawkeye	1.20	0.90	2.10	1.55	1.75	2.04	1.22	1.47	5.83				
Hedrick	1.05	0.74	2.40										
Hopeville	0.60	0.84	2.78	2.33	3.22	4.85	1.79	0.55	2.61	2.39	0.88		
Hoprig	0.15	0.20	1.02	0.75		1.81	2.15	2.78					
Humboldt	0.09	0.50	1.80	1.75	3.64	3.69	2.47	1.74	8.24	1.91	0.57	0.40	26.80
Independence	0.93	0.90	1.62	1.55	2.00	2.81	2.07	1.37	3.18	2.88	0.32	0.48	19.61
Indianola	0.89	1.57	2.47	2.36	1.58		1.43	0.57	4.53	2.51	0.39	2.25	
*Iowa City	1.07	1.97	3.62	2.36	1.54	3.33	1.29	0.66	2.56	1.78	0.79	2.34	23.31
*Iowa Falls	0.82	1.30	2.13	1.80	2.10	5.24	3.47	1.88	4.36	2.39	0.49	0.65	26.58
Jefferson			3.45	2.18	1.44	4.37	1.07	1.01	6.12	2.74	1.41	0.67	
*Keokuk	1.41	0.75	2.59	2.29	1.95	6.34	2.02	0.15	2.14	0.93	0.80	1.17	22.54
*Keosauqua		1.21	3.12	1.95	1.43	2.31	2.79	0.41	2.94	0.97	1.22	1.81	
Knoxville	0.55	0.90	3.34	0.69		4.92	2.66	0.50	2.43	1.17	0.27	1.69	
Lacona	1.15	1.60	3.85	2.35	2.05	5.45	3.35	0.70	1.90	1.85	0.70	1.50	26.45
Lansing	0.66	1.08	3.73	1.04	2.97	2.63							
Larchwood	0.20	0.40		2.19	3.27				4.77	1.00			
Larrabee	0.22	0.46	1.98	0.85	2.67	3.78	1.13	1.90	10.77	1.75	1.25	0.76	27.42
*Leclaire	0.98	1.52	2.53	0.66	1.72	2.61	4.12	0.54	1.75	0.60	1.16	1.32	19.51
Lemars	0.08	0.63	1.06	1.70	4.54	3.26	2.10	1.09	6.97	1.74	0.60	0.55	24.32
Lenox	0.23	0.47	2.50	2.35	2.50	4.96	1.81	0.90	4.46	2.77	2.30	0.74	25.99
Logan	0.70	0.90	3.00	1.44	2.54	7.97	0.71	0.77	7.66	2.83	0.94	1.10	30.56
Maple Valley	0.25		1.42	1.58	1.80	3.51	2.25	2.55	7.31	1.84	1.17	0.85	
*Maquoketa	1.15	1.25	3.03	1.04	1.91	3.11	2.15	0.76	3.27	1.62	0.51	1.54	21.34
*Marshalltown	1.05	1.17	3.71	1.82	2.89	2.80	2.79	1.16	2.62	2.27	0.77	0.87	23.92
Monticello	1.36	0.63	3.88	1.24	1.56	3.56	0.59	0.97	3.29	1.97	0.84	1.27	29.66
Mooar	1.32	1.02	2.56	1.42	2.18	6.00	1.96	0.13	2.18	1.52			
Montayr	0.76	1.52	3.04	2.22	2.90	4.59	3.62	0.75	3.12	2.36	1.28	1.24	27.45
Mount Pleasant	0.80	0.48	2.33	1.98	1.37	2.01	2.91	0.48	2.64	0.79	0.72	0.23	16.74
Mount Vernon	1.08	1.23	3.32	1.43	1.37	4.25	0.61	0.80	2.74	1.48	0.97	1.88	21.16
Murray	0.04	0.12		1.13	2.59	4.80	4.73	0.22			0.20		

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Iowa—Continued.													
New Hampton	1.05	0.80	1.65	1.13	1.74	2.70	1.82	1.68	4.98	2.82	0.68	0.05	21.10
Newton	1.00	1.80	3.47	1.94	2.24	3.58	2.89	1.30	2.98	1.80	0.83	1.32	25.15
Northwood	0.75	0.70	2.25	1.57	4.09	2.46	1.18	1.83	9.37	1.35	0.51	0.77	26.83
Odebolt	0.18	0.53	2.93	1.91	1.53	3.72	0.30	1.29	7.93	0.57	0.88	0.54	22.81
*Ogden	0.55	0.60	1.61	1.57	2.72	2.76	2.41	1.38	6.87	3.31	0.87	1.30	25.95
Olin	2.34	1.34	3.41	1.20	1.69	5.09	[g]1.08	0.64	2.85	1.44	1.09	1.82	23.90
Onawa	0.29	0.87	2.86	1.27	2.95	5.67	0.92	2.24	8.29	2.19	1.45	1.07	30.07
Osage	1.22	0.95	2.50	1.87	2.18	1.58	2.53	1.80	5.70	2.79	0.94	0.40	24.46
*Osceola					3.20	4.81	2.92	0.40	2.42	1.41			
Oskaloosa	0.83	1.38	2.84	1.47	2.08	3.60	1.64	0.81	2.29	1.30	0.35	1.70	20.29
Ottumwa	0.40	1.69	3.40	1.29	0.95	2.04	1.98	1.36	4.15	1.35	0.68	0.68	19.97
Ovid	1.86	1.58	2.75	2.00	1.54	5.01	3.08	0.91	2.23	2.73	0.87	1.79	26.35
Pacific Junction	0.33	0.44	2.70	0.93	2.47	3.75	2.68	1.26	2.62	2.99	0.80	0.67	21.64
Pella	0.75	1.40			1.47	4.56	2.15			1.92	0.53		
Perry		1.20	1.60	1.45	0.90	2.63	1.10	1.49	[e]4.45		1.00	0.95	
Plover	0.50	0.35	2.75	1.22	1.36	3.67	2.27	2.90	13.55	2.00	1.22	0.27	32.06
Primghar				2.00	2.75	7.46	0.85	2.05		1.65	0.75		
Redoak	0.40	0.80	5.25	2.88	3.29	4.33	2.80	1.07	3.79	2.30	0.74	0.71	28.36
Ridgeway	1.97	1.67	4.28	1.19	3.22	2.71	5.97	1.51	7.06	3.38	1.50	1.15	35.61
Rockwell City	0.80	0.70	2.85	1.75	2.58	5.47	1.45	0.55	7.06	1.95	0.73	0.28	26.12
Ruthven	0.35	3.00	1.70	1.48	3.60	7.34	2.36	2.62	7.77	2.17	1.22	0.57	34.18
Sac City	0.10	0.51	2.31	2.01	2.17	2.05	0.35	1.21	10.15	1.70	1.11	0.68	24.35
St. Charles			3.72	2.78	2.45	4.36	2.42	0.33	2.85	2.78	0.55	1.31	
Scranton	0.88	0.30	1.17	1.62	2.27	4.03	1.12	1.84	4.66	2.34	0.82	0.10	20.65
Sheldon	0.20	0.63	1.39	1.56	4.09	4.93	1.82	1.73	6.04	1.22	0.83	0.83	25.27
*Sibley	0.15	0.64	1.35	1.78	3.72	4.79	2.85	2.58	6.37	1.04	0.70	0.65	26.62
Sigourney	1.32	1.91	3.41	1.58	2.24	2.39	1.37	0.48	2.02	2.29	0.81	1.89	21.71
Sioux Center	0.27	0.75	1.41	2.07	4.31	5.40		4.46	6.03	1.26	0.73	0.70	
*Sioux City	0.22	0.54	1.58	1.50	3.65	4.70	1.24	1.75	7.99	2.23	0.56	0.63	26.59
Spirit Lake	0.60	0.25	0.50		2.66	4.28	0.89	2.46	8.02			0.65	
Stockport										1.05	0.59		
*Storm Lake	0.39	0.53	1.82	1.41	1.55	2.87	1.67	2.15	6.92	1.88	1.18	0.62	22.99
Stuart	0.30	0.80	2.00	3.16	0.85	4.34	1.22	0.20					
Thurman	0.54	1.35	2.81	2.62	4.06	4.81	2.11	1.50	5.25	4.23	1.60	0.88	31.76
Tipton									2.00	1.40	1.00		
Toledo	1.00	1.80	3.97	2.12	2.87	4.04	2.56	1.58	3.15	2.01	0.75		
Villisca	0.82	1.15	4.35	2.91	2.10	5.70	4.04	0.69	5.19		0.50	1.15	
Vinton	0.95	1.50	2.65	1.74	2.42	3.20	4.04	0.76	2.95	1.31	0.35	0.25	22.12
Wapello	1.11	0.83	2.40	1.52	2.58	1.46	1.50	[d]0.18	2.44	0.56	1.10	1.35	17.03
Washington	1.04	1.80	1.67	1.66	2.06	1.61	0.97	0.24	1.74	1.32	0.77	1.68	16.56
Washta	0.45	0.90	2.18	1.28	2.86	2.82	2.55	2.04	6.58	1.77	0.90	0.80	25.13
*Waterloo	1.07	1.06	2.95	1.56	1.79	3.48	3.04	1.40	3.57	2.18	0.84	0.59	23.53
Waverly	0.84	0.97	3.51	1.47	2.38	1.87	1.66	1.80	4.78	3.41	0.48	0.58	28.75
Westbend	0.50	0.43	2.49	1.61	2.17	3.07	3.66	2.20	9.77	1.14	0.75	0.60	28.39
West Union		0.80			2.11	4.24	3.10	0.73	5.04	2.32	0.80		
Whitten	1.00	0.90	0.70	0.82			2.46			1.69			
Wilton Junction	0.78	2.06	3.21	1.56	1.63	2.04	3.60	0.67	2.56	1.18	0.91	2.14	22.34
Winterset	0.80	1.20	4.13	3.13	2.13	4.83	4.27	0.86	2.84	2.95	1.11		
Woodburn	0.65	1.03		1.85	2.67	4.44	3.85	0.53	2.59	1.51	0.85	1.30	
Kansas.													
Abilene	0.20		[f]2.60	4.96	2.40	3.62	0.15	1.90	3.37	1.69	0.91	0.10	
Achilles	0.15	0.05	1.95	3.59	0.63	1.73	0.15	5.12	5.67	0.47	0.31	0.44	21.16
Altoona	1.06	1.36	2.76	2.40	2.79	1.58	3.20	2.32	3.99	2.27	0.91	1.75	26.34
Anthony	0.10	1.06	0.31	7.25	1.43	3.15	4.54	0.93	0.85	1.80	0.97	0.20	22.59
Atchison	0.49	1.75	3.45	5.48	1.40	1.05	2.13	2.92	2.59	2.60	1.53	0.98	26.37
*Baker				3.90	2.23	1.60	0.70	2.50	8.32		0.50	0.25	
Beloit	0.55	1.31	1.35	3.72	1.91	1.16	0.56	2.74	2.50	1.32	0.13	0.20	17.45
Burlington	0.57	1.52	1.45	2.13	1.33	3.11	2.41	2.18	2.22	1.33	0.76	1.27	20.28
Chanute	0.20	1.67	4.20	1.77	3.73	4.08	0.82	3.00	4.17	2.13	1.32	0.94	28.03
Colby	0.20	0.81	2.25	2.45	0.85	1.75	0.54	3.58	1.46	0.64	0.07	0.26	14.86
Columbus	1.27	1.42	4.54	2.94	2.01	4.33	1.88	3.57	2.35	2.22	2.27	2.46	31.26
*Concordia	0.24	1.57	1.29	3.37	2.86	1.23	1.73	1.66	2.58	1.30	0.44	T.	18.27
Coolidge	0.10	0.60	0.30	2.15	2.45	1.37	2.20	2.54	1.09	0.65	0.00	0.05	13.50
Delphos	0.42	1.00	1.22	4.16	3.11	3.31	1.03	3.07	2.67	0.75	0.23	0.08	21.05
*Dodge	0.13	0.48	0.80	3.45	1.75	2.63	1.81	0.71	2.51	1.64	0.04	0.08	16.06
*Dresden	0.40	0.85	2.03	2.88	1.29	0.89	0.67	3.63	1.88	0.73	0.13	0.51	15.89
Ellinwood	0.46	2.25	1.18	5.14	1.43	2.30	0.94	2.82	3.60	3.59	0.24	0.53	24.46
Emporia	0.30	1.20	2.00	4.32	1.50	4.30	0.85	2.02	4.75	2.20		0.40	
Englewood	0.20	0.22	1.19	3.59	2.33	0.30	0.63	2.78	0.22	2.34	0.17	0.10	14.07
Eureka	0.49	1.20	1.20	4.52	0.52						1.20	1.64	
Eureka Ranch	0.20	0.75	1.36	3.45	1.49	1.57	1.80	3.66	3.46	1.91	0.14	0.55	20.34
Fallriver	0.85	1.33	3.42	2.42	0.56	2.31	4.03	3.02	5.22	1.82	1.17	0.90	27.65
Fanning	0.45	1.03	[h]1.52	3.11	[i]1.08	1.87	0.58						
Farnsworth					1.02	1.25	3.50	2.01	3.04	0.37	T.	0.25	
Fort Leavenworth		2.27	1.40	4.25	1.20	0.75	1.55	1.80	3.65	1.20	0.90	0.95	
*Fort Scott				1.43	3.04	0.53	1.24	2.52	2.77	0.90	1.29	1.68	
Frankfort	0.30	1.10	2.65	5.80	2.57	4.82	3.25	1.76	3.70	2.50	1.10	0.27	29.82
Garden City	0.20	0.55	2.20	3.90	1.20	1.30	1.48	2.08	4.57	0.60	0.00	0.31	18.34
Gove	0.20	0.60	1.50	3.22	1.35	1.52	1.44	3.87	2.85	2.11	T.	0.40	19.06
Grenola	1.07	1.30	2.89	4.39	2.17	1.95	0.84	3.23	1.63	3.82	1.61	0.88	25.28
Hanover				3.01	2.73	3.87	1.58	1.93	2.02	3.41	1.09	0.11	
Harrison	0.75	1.11	1.62	1.74	0.82	2.42	2.38	2.12	3.49	1.23	0.07	0.05	17.83
*Hays		1.45	1.25	5.55	1.41	1.53	0.50	5.67	2.58	1.26	0.75	0.70	
Horton	0.55	1.66	1.26	4.37	1.45	1.21	1.80	1.91	2.95	2.04	0.95	0.69	20.84
Hoxie	0.30	1.00	2.11	2.88	1.15	1.97	1.25	4.72	2.20	1.15	0.10	0.60	19.43
Hutchinson	0.25	1.40	1.73	3.81	1.09	4.00	1.54	2.42	2.49	6.30	0.27	0.25	25.55
Independence	0.83	1.29	3.76	3.98	4.18	1.91	2.50	3.09	1.51	2.48	1.49	1.73	28.76
Jetmore	0.20	1.36	0.59	3.44	0.86	0.58	1.30	3.03	2.39	0.96	0.09	0.24	15.08
Lakin	0.10	0.62	0.64	2.15	0.42	1.45	1.50	2.59	2.83	0.15	0.00	0.08	12.53
Lawrence	0.27	1.80	3.37	5.13	1.02	1.30	4.60	3.46	3.36	1.93	1.31	1.56	29.11

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Kansas—Continued.													
Lebanon	0.70	1.20	1.40	2.64	1.03	1.47	2.80	1.60	3.50	T.	T.	0.20	16.54
Lebo	0.42	1.82	2.34	3.63	1.03	3.07	2.11	2.26	3.44	1.14	1.05	1.08	23.33
Leoti	.....	0.45	1.05	2.40	2.05	1.55	2.91	2.75	1.39	0.35	T.	0.20	.....
Little River	0.20	1.60	1.30	4.31	2.78	2.55	0.79	1.30	2.85	2.58	T.	0.51	20.77
*Macksville	0.28	1.40	0.69	4.48	0.77	3.50	0.52	1.79	3.06	3.37	0.35	0.37	20.58
*McPherson	0.43	2.58	1.65	5.62	1.76	3.04	0.54	2.65	2.22	4.49	0.04	0.61	25.58
Madison	0.55	1.13	2.05	3.60	0.58	4.09	3.38	2.45	4.07	1.89	0.79	0.86	25.44
*Manhattan	0.38	1.98	1.80	3.82	1.73	2.28	1.72	2.65	4.49	1.98	1.04	0.31	24.18
Marion	0.30	2.55	1.70	3.40	1.35	6.50	1.85	1.35	.....	4.15	0.80	0.80	.....
Medicine Lodge	0.25	0.66	0.51	3.73	1.82	1.20	0.30	1.58	3.14	3.52	0.34	T.	17.05
Minneapolis	0.33	1.08	1.18	4.03	2.44	3.05	0.36	2.20	1.98	1.59	0.45	0.05	18.74
Moran	1.07	1.50	2.46	1.67	3.08	1.36	0.99	4.04	3.73	1.09	1.15	1.59	23.73
Mounthope	0.20	1.38	0.53	4.20	1.44	1.33	1.37	1.56	4.04	4.80	0.53	0.38	21.76
Ness City	0.40	1.09	0.44	4.07	1.35	1.39	0.83	2.23	9.74	1.00	0.39	0.18	23.41
Newton	0.62	0.95	0.95	5.14	1.26	4.04	1.44	1.71	4.24	4.39	0.70	0.23	25.07
Norwich	0.16	0.59	0.20	3.74	1.92	3.19	1.84	0.71	3.27	2.85	0.74	0.25	19.46
Oberlin	0.20	1.00	3.05	3.95	1.00	3.45	0.37	5.31	5.37	0.50	0.25	0.70	25.15
Olathe	0.23	1.10	2.71	4.47	0.44	0.36	3.12	2.32	4.16	0.66	0.97	1.97	22.41
*Osage City	0.35	1.31	1.36	2.67	1.48	2.48	2.69	2.80	4.98	1.79	1.16	1.32	24.89
Osborne	0.50	1.30	2.00	3.30	1.55	0.88	0.75	1.38	0.50	0.90	0.45	T.	13.51
Oswego	1.70	1.48	5.04	3.30	3.05	1.54	1.84	3.59	3.35	2.16	1.58	2.30	30.93
Ottawa	0.53	1.61	2.74	3.79	1.45	1.99	1.97	2.67	5.21	0.65	1.19	1.46	25.26
Phillipsburg	0.30	1.20	1.93	3.77	1.47	3.05	1.66	2.15	5.07	1.60	0.36	T.	22.56
Pratt	0.10	1.00	0.66	4.36	0.91	3.05	0.63	3.16	2.16	3.58	0.34	0.22	20.17
Rome	0.50	1.00	0.16	4.05	2.35	2.50	4.85	0.88	1.47	1.70	1.77	0.15	21.38
Russell	.....	.....	.....	.....	1.20	1.10	0.95	.....	.....	.....	.....	.....	.....
Salina	0.30	1.42	1.43	4.26	1.88	6.34	0.20	1.91	2.22	2.43	0.35	0.16	22.90
Scott City	0.20	0.50	.....	.....	.....	.....	3.88	3.56	1.80	.....	0.00	.....	.....
*Sedan	0.70	2.53	2.77	3.63	3.91	3.39	3.15	4.52	1.17	2.70	1.33	0.88	30.68
Seneca	0.26	1.12	1.40	2.48	1.82	3.91	3.75	3.14	2.19	2.04	0.62	.50	23.23
*Topeka	0.13	1.87	1.78	3.55	0.54	1.90	4.10	1.67	6.02	2.83	0.65	0.94	25.98
*Toronto	0.95	1.50	1.90	3.29	2.15	2.80	4.82	1.49	5.38	2.12	1.20	1.43	29.03
Tribune	0.20	0.60	0.20	1.80	1.35	.....	2.59	1.95	1.28	0.34	.....	.....	.....
Ulysses	0.03	0.55	1.41	3.01	1.33	1.62	0.54	1.95	4.60	0.20	T.	0.15	15.39
Valley Falls	0.11	2.10	1.30	4.05	0.86	1.39	2.97	3.46	3.41	2.36	0.75	0.70	23.46
Viroqua	0.30	0.60	0.52	2.27	2.11	2.10	1.60	3.26	1.85	1.21	T.	0.10	15.92
Wakeeney (near)	0.36	0.70	1.12	4.69	1.37	1.70	1.20	4.28	3.43	2.30	0.50	0.55	22.50
Wallace	0.56	0.27	0.60	1.46	1.32	2.01	1.88	4.75	1.69	1.67	T.	0.30	16.51
Wamego	0.54	1.63	1.70	5.50	0.92	2.35	4.49	1.77	2.99	1.85	1.11	0.30	25.15
*Wichita	0.25	1.29	1.52	5.83	1.40	3.16	3.44	2.00	3.04	3.86	1.16	0.52	27.47
Winfield	0.50	0.94	1.04	3.61	2.42	1.94	2.49	1.24	2.74	1.75	1.48	0.58	20.73
Yates Center	0.84	1.15	0.92	2.37	1.63	2.75	2.34	.....	4.39	1.97	1.02	1.21	.....
Kentucky.													
Alpha	3.02	1.41	3.97	6.79	3.27	2.78	2.34	15.50	4.46	1.06	1.50	5.69	51.79
Anchorage	1.01	0.96	3.15	2.54	2.80	6.35	1.12	2.87	2.38	0.74	1.46	4.41	29.79
*Bardstown	1.32	0.85	4.35	3.01	3.17	2.81	1.04	3.59	3.26	0.69	1.55	5.27	30.91
Berea	.....	0.70	2.80	4.89	3.78	4.62	2.73	7.45	4.15	0.83	1.73	[c]5.26	.....
Blandville	1.95	2.58	5.13	3.02	2.16	1.56	1.80	5.48	3.40	4.50	2.41	6.54	40.53
*Bowling Green	2.13	1.15	3.35	3.90	1.32	2.71	0.17	7.34	5.38	0.62	1.25	5.60	34.92
*Burnside	2.70	1.27	3.35	5.79	3.90	4.67	1.98	11.90	4.86	0.31	1.49	5.03	47.25
Carrollton	0.36	0.82	1.62	1.11	1.84	4.54	0.40	1.61	2.31	0.46	0.86	1.56	17.39
*Catlettsburg	1.52	1.14	1.95	6.58	3.35	5.17	3.54	3.93	5.47	0.19	2.09	4.41	39.34
Centertown	1.61	0.40	3.42	2.74	1.21	2.75	2.41	10.03	4.46	1.89	1.33	4.36	36.61
*Earlington	1.73	1.17	4.45	2.99	2.53	2.62	2.55	4.14	4.82	3.80	1.90	5.61	38.31
Edmonton	2.31	1.11	3.81	5.36	2.69	4.57	0.40	7.31	5.66	1.15	1.32	4.80	40.49
*Eubank	2.00	1.55	3.45	5.38	3.07	4.73	0.34	6.86	6.19	1.30	1.30	3.79	39.96
*Falmouth	1.01	1.68	2.60	3.67	3.03	3.68	2.34	2.74	2.02	0.84	1.46	4.75	29.82
Fords Ferry	1.67	1.34	4.37	3.37	1.53	4.67	0.71	2.00	2.32	5.75	2.36	5.19	35.28
*Frankfort	.....	1.22	3.66	2.91	2.28	3.81	1.16	2.59	2.73	0.55	0.35	2.80	.....
Franklin	4.06	1.56	3.00	3.10	2.79	0.72	0.60	7.22	3.25	0.55	0.10	2.90	29.85
*Greensburg	1.99	0.93	3.23	4.30	2.35	4.19	1.55	3.66	3.87	0.97	1.03	4.35	32.42
*Henderson	1.64	1.52	3.78	3.31	1.76	4.95	1.20	2.55	1.58	5.45	1.68	5.07	35.09
*Hopkinsville	2.41	1.31	5.98	3.36	1.89	2.91	0.61	4.99	4.65	1.92	1.68	5.40	37.11
Irvington	1.30	0.92	3.77	2.52	1.41	5.57	2.46	[b]2.06	3.38	1.26	1.27	3.86	29.78
Jackson	1.82	0.87	3.07	5.25	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leitchfield	1.99	1.14	4.21	3.57	2.35	2.65	1.12	5.80	6.49	0.89	1.10	5.25	36.56
*Lexington	1.49	0.62	2.23	4.52	2.07	3.70	2.61	3.74	2.18	1.33	1.73	3.50	30.32
Loretto	[d]1.30	0.60	3.08	3.44	1.53	4.54	1.06	4.93	2.87	0.82	1.64	4.43	30.24
*Louisville	0.98	1.16	3.59	2.49	2.45	4.12	2.85	2.86	2.78	0.49	1.17	4.59	29.53
Manchester	.....	0.40	2.51	6.30	1.71	6.80	1.05	.....	5.20	0.65	2.40	4.78	.....
Marrowbone	2.08	0.70	3.82	4.95	2.51	1.95	1.40	6.67	3.75	0.90	1.25	3.92	33.90
*Maysville	1.24	1.56	2.22	4.29	3.39	5.98	0.99	2.06	2.94	0.98	1.71	4.35	31.65
*Mount Sterling	1.52	0.89	[c]2.29	5.13	3.59	5.91	2.25	6.44	3.57	1.05	2.12	5.15	39.91
*Owensboro	1.61	1.42	5.14	3.13	2.54	2.38	2.49	3.38	1.41	2.98	1.44	4.85	32.77
Owenton	1.46	1.61	3.63	3.06	2.89	5.31	2.29	1.42	2.72	1.15	1.74	5.49	32.77
*Paducah[1]	1.56	2.37	4.58	2.77	1.83	1.40	1.34	7.14	4.01	6.22	2.06	6.74	42.02
*Paducah[2]	1.77	2.28	3.83	2.72	1.41	1.54	0.83	6.56	4.65	6.05	2.06	7.58	41.28
Pikeville	2.34	.....	.....	.....	.....	.....	1.45	[a]4.90	[b]4.15	[c]0.59	2.37	6.38	.....
*Richmond	.....	1.46	.....	5.17	2.89	3.75	0.30	4.19	.....	.....	.....	.....	.....
*St. John	1.57	1.08	4.02	2.22	2.65	3.98	1.30	3.86	4.15	0.79	1.12	4.95	31.69
Scott	1.02	1.55	2.36	2.34	4.41	6.57	1.79	1.64	1.06	0.65	1.15	4.07	28.61
Shelby City	1.89	0.58	3.56	5.05	2.82	4.20	2.95	3.90	3.49	0.99	1.63	4.82	35.88
*Shelbyville	1.32	2.03	4.72	2.72	2.17	5.55	1.80	2.88	4.11	0.96	1.50	5.02	34.78
Vanceburg	2.70	.....	.....	.....	2.00	5.50	0.85	.....	3.30	.....	.....	.....	.....
Warfield	2.80	1.01	2.93	6.68	5.11	5.60	2.55	4.76	4.76	0.50	[f]1.89	[c]6.73	45.82
*Williamsburg	3.24	0.91	4.45	7.23	4.73	5.39	4.32	10.58	5.35	0.64	2.04	7.79	56.67

[1] River observer. [2] Corn and wheat region observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Louisiana.													
Abbeville	2.65	4.50	4.10	6.05	0.66	4.05	6.87	2.70	5.20	2.25	2.50	9.00	50.53
*Alexandria	4.74	6.77	4.10	2.39	1.59	2.43	7.65	3.55	11.09	0.68	2.11	8.92	56.02
*Amite	6.40	5.74	4.23	9.19	0.58	3.01	15.83	4.57	4.09	3.99	3.00	8.50	69.13
*Baton Rouge	4.59	5.84	3.92	6.31	1.97	6.55	6.38	3.81	2.87	1.82	2.28	9.03	55.37
Burnside	4.89	6.03	4.02	9.02	1.21	4.08	8.29	4.54	7.09	5.17	2.70	5.97	63.01
Calhoun	3.12	5.05	3.23	3.07	2.47	1.31	2.80	3.87	3.58	2.53	2.05	3.61	36.69
Cameron									10.49	3.01	0.87	5.20	
*Cheneyville	3.38	5.91	3.53	4.50	0.30	3.00	6.37	2.72	3.16	0.65	1.92	7.55	42.99
Clinton	3.63	6.35	3.62	8.56	2.55	2.63	10.04	4.86	2.46	1.42	1.77	11.83	59.72
Collinston								[f]4.11	1.99	2.89	2.30	5.19	
Como	6.51	7.02	2.44	3.92									
*Covington	4.73	5.38	3.79	8.29	0.85	4.73	10.80	10.61	1.32	5.19	4.11	5.07	64.87
*Donaldsonville	2.50	6.30	3.60	8.75	0.95	3.09	3.76	6.65	3.83	1.90	2.22	6.55	50.10
Emillie	3.86	5.33	3.09	8.47	0.75	4.86	10.79	6.14	1.96	1.93	2.68	5.65	55.51
Farmerville	3.58	3.80	2.25	[e]3.02	5.42	0.78	5.05	6.49	3.48	3.61	1.73	4.66	43.87
*Franklin	2.91	6.23	2.80	6.03	1.19	4.30	12.95	10.20	2.81	1.07	4.52	4.95	59.46
Grand Coteau	2.61	5.33	2.02	4.59	0.68	3.18	7.50	4.70	4.34	1.01	1.91	5.47	43.29
Hammond	5.11	5.37	3.12	8.32	0.54	1.71	7.09	3.42	2.88	2.26	2.28	5.34	47.39
Houma	2.64	4.97	2.10	4.83	1.06	3.96	8.75	6.89	2.63	3.65	5.61	5.37	52.46
Jeanerette	3.35	7.00	2.25	5.68	2.67	5.39	9.18	6.54		2.30	2.75	3.75	
Jennings	3.58	4.16	2.24	2.56	0.35	2.41	5.21	6.79	2.72	1.55	0.79	4.70	37.06
*Lafayette	5.48	4.58	3.81	3.86	1.02	5.36	5.97	4.06	2.66	1.67	0.71	8.02	47.20
*Lake Charles	3.74	3.62	3.27	4.64	0.45	2.15	6.53	4.81	4.04	2.97	1.85	6.04	44.11
Lake Providence	6.36	5.36	6.22	3.19	7.20	2.54	3.38	8.37	7.86	1.65	2.57	6.15	60.85
L'Argent	4.63		2.10	2.61		3.40							
Lawrence	2.43	5.31	4.33	5.93	2.30	6.89	10.82	10.26	1.63	3.43	2.77	5.27	61.37
Libertyhill	4.58	5.75	2.89	2.70	2.81	1.02	4.69	3.98	4.99	4.25	2.60	3.00	43.26
*Mansfield	2.52	5.44	3.10	4.79	2.64	1.19	3.67	2.46	7.68	2.43	2.62	4.61	43.05
*Melville	3.40	5.20	4.10	6.20	1.50	2.20	4.15	5.20	4.10	1.30	3.20	8.30	48.85
*Minden	0.72	3.67	[g]3.11	3.90	4.97	0.75	5.67	1.86	3.58	3.65	[d]2.80	4.48	39.16
*Monroe	3.28	4.05	3.11	2.91	2.68	0.56	2.82	6.27	2.33	1.99	1.98	5.89	37.87
New Iberia	5.20	6.05	5.38	10.30	1.95	3.05	8.65	4.50	6.80	1.65	1.50	6.20	61.23
*New Orleans	4.24	5.78	4.26	7.79	1.08	4.46	10.71	5.80	3.30	2.67	2.78	4.86	57.73
Oakridge		3.72	6.15	4.48	5.28	0.80							
*Opelousas	3.34	4.56	3.82	5.30	T.	4.90	9.81	7.18	3.55	0.81	1.41	8.48	53.16
Oxford	2.90	5.55	3.28	4.48	2.13	2.93	3.58	2.39	9.10	2.70	1.67	3.11	43.82
Paincourtville	4.72	6.98	2.39	7.22	0.65	7.74	3.87	10.69	3.54	2.02	1.72	5.48	57.02
Plain Dealing	3.57	2.45	2.79	3.90	5.26	0.27	4.97	4.23	3.70	4.58	3.09	2.50	41.31
*Port Eads	2.03	6.47	5.31	4.43	0.73	4.02	11.29	14.74	3.22	1.78	1.92	3.61	59.55
Prevost	3.24	3.65	3.07	6.35	0.85	0.98	2.07	3.03	0.41	2.10	2.51	3.27	31.53
*Rayne		4.23	4.15	3.33	0.72	1.97	5.58	6.06	4.56	1.28	0.68	6.36	
Reserve			2.10	8.70	2.70	2.62	9.04	2.98	3.04	3.04	3.29		
*Robeline	3.25	7.95	3.45	6.80	1.20	1.47	3.35	3.50	6.75	[c]1.45	1.60		
Ruddock					3.30	1.87	6.62	5.02	1.18	1.82	2.47	6.55	
Ruston	4.55	4.59	2.84	4.08	2.41	0.25	6.41	4.39	4.13			3.64	
*Schriever	3.94	6.58	3.60	5.26	0.09	3.36	14.30	5.01	2.47	1.84	2.98	4.23	58.66
*Shreveport	2.89	2.91	2.25	3.41	4.30	0.60	4.00	3.73	3.08	2.75	2.57	4.16	36.65
Southern University	1.48	5.85	4.41	8.33	2.73	2.25	8.96	3.37	3.33	2.93			
Sugar Experiment Station	2.24	6.27	3.13	8.50	1.03	3.07	8.82	6.98	3.88	2.91	2.62	4.98	54.43
Sugartown	1.87	3.66	4.63	2.84		4.37	6.32		4.00	1.03	0.47	6.57	
Venice	0.97	5.78	5.88	2.84	0.54	6.05	4.95	8.05	1.21	2.40	1.97	2.90	43.54
Wallace	1.91	5.58	2.96	8.35	0.64	4.61	9.87	8.21	3.46	2.40	2.88	6.16	57.03
White Sulphur Springs	4.55	9.05	3.27	3.22	3.10	0.31	5.85	2.37	5.32	1.18	2.73	9.92	50.87
Maine.													
Bar Harbor	4.83	1.63	10.30	5.81	2.74	3.23	1.63	3.00	3.28	3.45	3.50	9.78	58.18
Belfast	4.51	2.16	7.80	6.49	2.09	0.88	3.10	3.64	2.50	3.53	3.11	9.74	49.55
Bemis	3.60	1.20	5.90	7.14		1.66	5.46	2.28	1.87	2.75	3.70	2.20	
Calais	5.30	1.80	5.29	7.85	2.02	3.55	1.11	4.45	2.77	3.23	2.31	8.07	47.75
Carmel	6.67	1.90	3.75	4.92	2.95	1.95	3.00	2.91	3.58	3.56	2.40		
Cornish	3.03	1.26	5.70	11.52	8.40	1.79	6.25	9.00	3.06	3.47	2.00	7.52	63.00
*Eastport	4.80	1.65	4.88	5.58	3.29	5.45	0.91	2.48	2.92	1.72	1.91	6.02	41.61
Fairfield	2.74	1.95	5.22	3.96	2.35	1.64	2.99	3.39	3.79	2.77	2.19	7.98	40.97
Farmington	3.27	1.04	4.54	6.88	3.95	3.47	4.22	3.45	2.25	3.03	2.10	8.97	47.17
Flagstaff	2.20	1.50	2.75	7.83	2.34	4.58	5.01	4.95	1.65	2.40	2.20	4.88	42.29
Gardiner	3.78	1.76	6.25	6.43	3.97	1.36	4.26	5.54	2.08	4.18	2.41	9.43	51.45
Kineo	2.65	1.80	1.45	4.85			1.95	2.55	0.94	2.26	2.70	7.40	
Lewiston	3.19	1.15	5.14	8.16	5.77	1.12	4.25	4.75	1.75	3.33	2.20	7.59	48.40
Mayfield	2.60	1.20	5.55	6.33	2.26	2.94	5.40	5.25	2.63	3.43	2.24	8.63	48.46
North Bridgton		1.70	4.80	7.60	7.56	3.91	5.13	5.46	2.55	3.24	2.14	5.75	
Orono	4.33	1.95	5.45	5.12	2.07	1.79	2.75	3.76	4.22	4.12	2.54	7.94	46.04
*Portland	3.34	1.68	6.43	7.47	7.17	0.93	4.21	3.26	2.18	3.12	1.89	7.14	48.82
Rumford Falls	2.77	0.74	4.05	7.91	6.54	3.84	4.91	3.47	2.59	3.48	1.76	5.53	47.59
Winslow	2.91	0.65	5.15	4.50		2.51	3.31	4.54	3.92	3.28	1.38	8.23	
Maryland.													
Annapolis	3.30	1.50	3.76	7.48	4.27	1.85	6.80	10.40	4.50	1.20	2.41	6.15	53.62
Bachmans Valley	3.69	1.11	6.99	5.93	7.47	5.10	8.90	12.04	5.46	2.00		11.18	
*Baltimore	2.45	0.65	3.58	5.53	3.67	0.90	6.18	6.73	2.50	1.52	2.26	7.07	43.04
Boettcherville	1.60	0.68	3.53	5.26	7.45	3.26	3.08	9.13	2.44	0.21	2.62	6.12	45.38
Boonesboro	2.01	0.57	3.60	5.16	6.01	3.16	4.65	6.64	2.03	1.54	3.17	6.49	45.03
Cambridge										1.50	1.43	5.21	
Charlotte Hall	3.43	0.10	2.40	7.08	[d]4.70					0.98	1.58	[d]4.10	
Chase	2.23	0.10	4.81	5.91	2.95	0.83	6.43	5.29	4.49	0.53	3.63	7.39	44.59
Cheltenham					2.50	3.32	5.59	5.22	2.83	1.08	2.63	6.38	
Chestertown	2.74	1.35	2.67	5.70	3.96		8.48	6.25	2.70	1.06	2.60	7.44	
Chewsville	2.16	0.63	3.92	5.73	5.71	4.43	3.77	4.33	2.51	0.89	2.36	5.83	42.27
Clearspring	1.69	0.57		5.96	7.12	3.93	3.47	5.88	3.37	0.85	2.59	6.14	
Coleman	3.31	0.79	3.44	5.44	3.53	1.47	7.42	2.70	2.03	1.60	1.72	5.81	39.26
Collegepark	1.75	0.90	3.53	6.40	4.17	6.72	5.74	4.98	3.69	1.47	2.78	6.70	48.78
Colora									4.12	1.19	3.63	8.44	

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Maryland—Continued.													
*Cumberland	1.80	0.54	2.78	4.54	6.31	2.89	2.76	7.29	2.87	0.30	2.12	6.32	40.52
Darlington	2.75	0.67	4.21	4.83	2.62	1.31	9.16	7.39	3.54	1.20	3.29	8.41	49.38
Deerpark	6.22	1.80	2.03	6.04	5.40	3.86	3.33	4.74	1.76	0.87	3.75	4.89	44.21
Denton	1.83	0.22	2.97	4.50	5.08	1.85	7.67	5.89					
Easton	3.78	0.31	2.19	6.13	3.63	2.96	5.39	5.10	1.65	1.68	2.42	5.76	41.00
Fallston	2.52	0.80	4.68	5.66	2.88	1.76	7.58	8.43	5.36	1.89	3.26	8.14	52.96
Frederick	2.14	0.80	4.34	5.88	4.07	6.04	3.83	5.28	3.36	1.22	2.71	6.81	46.48
Frostburg	2.36	1.25	4.26	7.97	9.56	6.02	5.49	5.02	2.83	0.54			
Grantsville	2.52	0.80	4.99	6.08	8.32	2.79	2.63	4.34	2.24	0.76	2.56	6.87	44.90
Great falls	2.43	0.49	2.95	5.99	3.82	2.47	6.05	5.55	2.49	0.28	2.18	8.06	42.76
Greenspring Furnace	1.63	0.60	3.71	6.29	7.63	3.15	4.48	7.42	2.38	0.77	3.13	5.29	46.48
Guard											3.12	5.47	
Hagerstown	1.82	0.58	4.06	4.60	5.47	3.89	3.51	5.23					
Hancock	1.44	0.43	3.28	6.07	4.87	3.94	5.92	7.83	2.88	0.91	2.69	5.69	45.95
Harney	2.34	0.90	5.20		3.78	2.69	4.30	3.74	3.16	1.10	2.00	6.66	
Jewell	3.04	0.65	3.52	6.80	2.35	4.17	5.53	5.08	2.72	1.34	3.17	5.52	43.89
Johns Hopkins Hospital	2.60	0.40	1.13	7.05	3.65	0.70	7.10	7.14	2.77	1.63	2.15	8.78	45.10
Laurel	3.02	0.62	3.50	6.13	4.05	3.17	7.49	4.36	2.98	1.33	3.98	8.48	49.11
Longwoods							3.88	6.32	4.07	2.00	1.31	2.73	6.56
McDonogh	2.85	0.09	1.90	5.18	5.12	2.33	4.50	3.23	3.13	1.22	2.43		
Mount St. Marys College	3.10	0.20	5.40	7.60	6.10	3.20	3.11	3.80	2.11	1.21	3.05	6.39	45.27
Newmarket	2.71	0.77	3.15	5.47	3.86	4.68	6.80	7.36	3.40	1.80	2.68	7.46	50.14
Pocomoke	2.44	0.85	3.83	4.02	3.16	4.58	2.51	5.52	4.37	1.32	1.86	4.15	38.61
Prince Fredericktown	2.99	0.47	3.83	6.47	2.85	2.00							
Princess Anne	2.70	0.89	4.18	4.52	3.86	3.80	3.10	12.05	4.38	1.12	1.93	5.67	48.20
Queenstown				5.03	3.34	3.24	4.66	5.48	2.61	1.41	2.56	5.69	
Rockhall	2.41	0.31	1.75	5.18	3.22	1.43	8.31	4.10	4.35	1.08	3.30	6.71	42.15
Sharpsburg	2.29	0.63	6.75	6.02	5.59	1.86	4.73	5.34	3.02	1.42	3.86	6.98	45.49
Smithsburg[1]	1.96	0.80	3.39	6.44	5.37	3.46	2.53	3.93	2.72	0.71	3.23	6.09	40.63
Smithsburg[2]	2.66	1.12		7.77	6.56	3.32	3.42	4.16	3.70	1.37	4.39	8.71	
Solomons	3.93	0.37	3.06	4.42	2.65	2.75	7.14	4.93	2.91	1.58	1.74	5.46	40.94
Sudlersville	3.12	0.64	2.68	5.11	2.83	1.20	8.01		4.38	1.47	2.11	*7.00	
Sunnyside	5.14	2.39	4.93	7.70	6.94	5.72	5.42	5.17	2.85	0.98	5.20	8.57	61.01
Tacoma Park	3.57	0.75	3.82	7.05	4.01	5.85	6.68	4.70	3.57	1.24	2.89	7.95	51.59
Taneytown	2.68	0.91	4.42	3.73	3.19	2.73	7.50	5.90	3.78	0.94	2.14	5.62	43.64
Van Bibber	2.28	0.85	4.54	5.85	3.29	1.28	6.80	5.40	4.41	1.70	2.74	7.24	46.38
Westernport	2.31	0.29	3.24	5.68	7.37	3.90	2.11	5.59	2.27	0.33	1.76	5.92	40.77
Westminster	2.87	0.90	3.56	3.74	3.51	2.47							
Woodstock	2.89	0.58	1.91	5.04	3.50	1.60	4.93	4.37	2.03	0.81	2.83	9.29	39.73
Massachusetts.													
Amherst	2.09	0.56		5.80	5.12	0.75	3.77	5.75	3.67	4.17	1.30	8.51	
Attleboro	1.88	0.76	8.44										
Bedford	1.37	1.18	5.10	6.66	6.92	1.49	6.00	3.05	2.41	2.69	2.58	8.00	47.85
Bluehill (Summit)	2.05	1.04	7.36	7.31	5.96	1.65	6.15	2.90	4.75	3.75	3.18	7.88	53.98
*Boston	1.56	0.66	6.58	7.43	6.31	1.31	5.20	3.25	2.50	3.02	2.41	8.49	48.72
Cambridge	1.73	1.16	6.74	8.26	7.41	1.09	4.06	3.05	3.78	2.87	2.80	8.24	52.09
Chestnuthill	1.72	0.77	7.25	8.21	7.04	1.33	6.40	4.12	3.28	3.01	2.83	8.25	54.21
Cohasset	2.43	0.87	6.69	8.76	7.95	2.01	9.69	3.04	3.77	4.24	2.88	8.49	60.82
Concord	1.46	1.17	3.89	6.72	7.52	1.81	5.15	3.26	2.71	2.91	2.10	7.47	46.17
East Templeton	1.29	0.74	3.47	2.77	3.78	1.05	3.08	5.13	1.90	3.21		8.11	
Fall River	2.47	0.80	7.34	8.98	7.56	1.77	2.13	3.91	2.75	2.65	2.13	9.57	51.16
Fitchburg[3]	1.66	0.77	5.06	9.91	7.46	1.19	5.13	4.50	1.73	3.52	1.67	8.46	51.06
Fitchburg[4]	1.70	0.75	4.98	8.98	6.94	1.10	6.03	4.14	1.63	3.46	1.49	8.30	49.50
Framingham	1.86	1.49	6.41	8.00	7.00	1.20	5.19	4.42	2.96	2.57	2.72	10.87	54.69
Groton	2.04	0.72	5.41	10.65	6.89	2.02	6.13	3.51	2.11	3.26	1.97	8.65	53.36
Hyannis	3.14	1.20	6.86	5.70	9.64	1.27	3.40	2.18	4.23	0.86	2.20	8.48	49.16
Jefferson	1.91	1.39	6.02	9.44	7.33	2.25	5.55	4.92	2.93	3.96	2.32	9.35	58.37
Lawrence	1.50	0.25	4.98	7.95	6.42	1.46	4.15	2.28	2.63	2.63	2.60	8.68	45.53
Leeds	2.15	0.55	6.14										
Leominster	1.94	0.77	5.43	9.13	7.32	2.08	6.31	3.69	2.28	3.15	1.86	8.81	52.77
Lowell	1.72	1.06	5.76	10.57	7.68	1.49	4.78	3.27	3.28	3.43	2.79	8.56	54.38
Ludlow Center		0.69	6.00	5.93	5.32	1.23	8.37	7.56	3.28	4.87	1.57	8.35	
Middleboro	2.20	1.20	7.38	7.30	7.57	1.88	2.58	2.43	3.70	3.21	2.23	8.70	50.38
Monson	1.88	1.10	5.96	6.69	7.19	1.26	8.50	5.82	4.54	3.58	2.36	10.06	53.89
*Nantucket	3.08	1.33	4.74	3.71	4.92	1.43	1.16	2.60	2.11	0.44	0.89	6.52	32.88
New Bedford	2.66	1.26	7.85	7.08	8.57	1.79	3.22	2.24	3.31	2.12	1.69	10.05	51.84
Pittsfield	1.28	0.78	4.96	5.97	6.56	1.38	3.30	7.52	4.80	1.84	2.80	7.07	48.26
Plymouth	2.91	1.35	6.84	7.78	8.54	1.56	4.44	2.37	2.77	2.27	2.59	10.20	53.62
Princeton	1.63	0.98	5.00	9.84	6.85	1.03	5.56	4.78	3.22	3.77	2.47	9.46	54.59
Provincetown	3.24	0.67	5.40	5.34	10.49	1.79	3.82	2.37	3.35	1.24	2.41	7.62	47.74
Salem	1.68		6.56	8.88			3.48	2.83			2.90	7.37	
Somerset[1]	2.03	1.22	7.58	8.79	7.54	1.71	5.02	2.97	3.58	3.12	2.50	8.60	54.66
Springfield Armory	1.74	0.63	5.92	6.80	5.26	1.23	5.11	7.74	3.10	4.31	1.37	8.82	52.03
Sterling	1.52	0.96	5.79	10.03		1.65	5.51	3.99	2.90	3.34	2.07	8.84	
Taunton	2.84	1.16	8.92	8.05	7.70	2.27	3.94	3.40	3.45	2.64	2.51	9.76	56.64
Webster	1.40	1.06	6.58	6.84	6.45	1.28	4.20	5.36	4.43	3.62	2.47	9.43	53.07
Westboro	1.78	1.00	5.77	8.25	6.98	2.17	6.37	4.82	3.35	3.05	3.16	6.95	53.60
Weston	1.49	1.61	6.30	7.02	8.28	1.12	5.76	3.87	3.20	2.78	2.76	7.81	53.07
Williamstown	1.69	0.48	4.58	5.76	4.98	1.80	5.78	7.14	1.98	1.91	2.43	4.63	43.16
Winchendon	1.84	0.85	4.78	5.08	6.15	1.61	4.53	5.06	2.65	3.52	2.27	7.98	46.32
Worcester	1.49	0.67	5.33	6.81	5.53	0.93	4.30	3.34	2.94	3.35	2.15	7.41	44.25
Michigan.													
Adrian	2.12	1.31	2.37	1.33	2.53	2.23	1.75	2.05	0.97	3.46	1.89	2.91	24.92
Agricultural College	1.51	1.83	2.94	2.16	2.42	3.57	5.08	2.49	1.67	4.61	1.21	3.00	32.49
Allegan	0.88	1.05	2.05	0.40	1.11	1.71	1.92	1.43	1.06	3.55	1.85	2.00	19.01
Alma	1.68	1.23	3.34	1.78	2.27	1.77	4.45	3.04	1.49	2.97	0.95	2.40	27.57
*Alpena	1.20	0.35	3.25	1.51	2.70	1.11	3.95	2.25	3.36	3.06	0.85	1.64	25.23

[1] Charles K. Shank. [2] D. W. Crowther. [3] Dr. Jabez Fisher. [4] A. P. Mason.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Michigan—Continued.													
*Ann Arbor	1.45	2.22	1.74	1.63	1.72	2.01	3.35	3.14	1.95	2.55	1.28	3.05	26.09
Annpere	1.50	2.60	1.17	2.20	1.90	0.70	1.95	2.34	1.65	1.40	0.45	1.50	19.36
Arbela	1.28	1.50	2.06	3.80	3.71	1.58	4.00	.....	2.00	2.10	0.78	2.86	.....
Baldwin	1.65	1.00	0.95	0.30	1.75	1.75	1.48	1.90	1.90	3.00	1.10	2.20	18.38
Ball Mountain	1.46	3.18	2.60	2.01	3.40	3.02	3.53	1.95	1.92	2.95	0.74	4.26	30.02
*Battlecreek	2.45	1.84	3.12	2.25	2.58	4.34	3.44	2.11	1.08	4.17	1.09	3.31	31.78
Bay City	1.15	0.90	3.25	1.05	2.35	0.85	4.38	4.57	0.23	4.10	0.85	1.90	25.68
Benzonia	.....	2.51	5.23	0.58	1.83	1.39	2.70	2.35	3.89	4.20	2.48	3.99	.....
Berlin	2.03	1.92	2.37	1.74	4.30	3.48	2.31	3.60	2.27	1.54	1.31	3.97	30.84
Berrien Springs	5.40	4.60	4.83	1.33	1.59	2.62	2.00	2.21	2.35	4.03	1.80	4.35	37.11
Big Rapids	2.07	1.50	5.17	0.67	2.01	1.38	4.80	2.51	2.10	2.57	1.04	2.08	27.90
Birmingham	0.90	1.66	2.35	1.65	2.59	2.70	2.33	1.48	1.69	0.70	0.43	1.95	20.43
Boon	2.66	2.22	4.69	0.81	2.56	2.44	5.56	4.51	3.15	4.39	1.41	2.27	36.66
Calumet	2.45	1.20	2.32	1.10	1.09	6.93	4.71	2.86	2.55	2.29	1.33	2.48	31.31
Carsonville	1.77	1.45	0.73	1.61	2.16	.....	4.19	1.10	0.97	1.42	0.43	1.50	.....
Cassopolis	3.85	1.90	3.59	0.94	2.34	2.81	2.85	0.72	1.55	5.25	1.93	3.29	31.02
Charlevoix	3.25	2.80	5.32	0.76	2.34	1.34	7.09	2.20	1.62	4.06	2.13	3.58	36.49
Chatham	2.40	0.45	2.75	1.64	3.72	4.00	5.23	1.67	5.22	5.44	4.53	4.93	41.98
Cheboygan	1.75	0.50	2.70	0.91	3.35	4.45	4.61	2.59	3.48	3.05	0.65	2.30	30.34
Clinton	1.72	1.20	1.76	1.92	2.91	2.79	3.59	3.80	1.09	2.88	1.42	2.82	27.90
Coldwater	2.79	1.75	2.71	2.18	1.78	4.96	4.67	4.10	0.73	6.56	1.82	3.25	37.30
Deerpark	0.58	1.19	3.85	0.93	1.38	3.47	3.81	3.03	2.29	6.54	3.57	5.68	36.32
*Detroit	1.52	1.64	1.89	2.07	2.76	2.08	5.50	3.20	1.65	1.90	1.00	3.66	28.78
Detour	1.85	0.95	2.63	1.17	1.68	3.50	5.78	2.49	3.02	5.12	1.84	3.05	33.08
Dundee	1.66	0.79	2.13	2.66	3.09	1.48	2.96	5.05	1.03	1.71	[g]1.59	3.86	28.01
Eagle Harbor	1.60	1.20	[f]0.68	2.39	2.40	5.07	3.36	1.51	2.59	2.67	0.97	1.70	26.14
East Tawas	1.35	1.10	3.28	3.04	1.89	.....	3.37	2.26	2.48	3.55	.....	2.07	.....
Eloise	1.98	1.44	2.61	1.74	2.91	1.79	4.57	2.33	1.05	1.75	0.17	3.76	25.80
*Escanaba	0.74	0.36	3.35	0.90	2.26	3.17	7.45	3.24	2.15	3.82	1.84	0.69	29.97
Ewen	1.70	.....	1.20	0.10	1.51	.....	2.00	0.60	2.02	0.20	0.79	1.30	.....
Fairview	1.65	2.13	1.27	1.41	1.86	1.73	3.47	2.76	1.14	4.00	1.00	2.32	24.64
Fennville	.....	.....	.....	0.76	1.85	4.00	1.32	1.56	2.27	3.20	1.75	3.03	.....
Fitchburg	2.35	1.90	2.63	2.10	5.65	4.65	5.21	1.83	1.98	4.67	1.08	3.60	37.05
*Flint	1.25	1.64	1.52	2.30	4.01	3.64	3.89	2.31	2.75	3.01	1.16	2.40	28.28
Frankfort	1.50	.....	1.50	.....	.....	.....	.....	.....	0.34	1.40	0.50	2.67	.....
Gaylord	1.75	1.50	2.95	0.50	4.10	1.70	8.85	5.90	4.90	4.50	2.25	1.95	40.85
Gladwin	2.10	0.65	3.55	1.20	2.60	1.60	4.70	4.30	.....	.....	0.65	1.95	.....
*Grand Haven	1.96	1.90	3.71	0.65	1.62	2.16	3.90	0.42	2.98	2.33	1.75	3.07	26.45
Grand Marais	.....	.....	.....	0.98	1.87	3.72	4.02	2.42	2.05	[h]5.59	.....	.....	.....
Grand Rapids	2.41	2.30	3.64	1.45	3.47	4.94	5.12	2.08	3.40	3.24	1.64	2.38	36.07
Grape	1.83	1.74	2.22	2.71	3.04	1.45	1.96	5.20	0.78	1.78	1.45	3.54	27.70
Grayling	1.15	1.20	2.70	0.40	3.75	1.15	3.38	4.85	2.30	4.40	1.07	2.05	28.40
Hanover	2.15	1.95	3.23	2.31	3.07	3.88	3.08	1.72	1.00	4.50	1.73	3.39	32.01
Harbor Beach	0.99	0.62	1.75	1.38	2.18	0.63	2.41	1.55	1.33	2.58	0.89	1.15	27.90
Harrison	.....	0.60	[e]2.86	0.40	2.72	0.89	4.46	2.33	1.38	.....	[e]0.69	1.82	.....
Harrisville	2.01	0.77	4.44	2.93	3.26	1.62	3.50	4.36	3.19	3.44	0.88	1.31	31.71
Hart	1.88	1.40	5.13	0.55	1.77	2.98	2.42	0.70	2.67	3.48	1.35	3.91	28.24
Hastings	2.54	1.81	3.31	1.96	2.03	2.30	6.19	2.56	1.28	3.34	1.42	2.60	31.34
Hayes	1.10	0.80	1.78	1.91	1.41	0.76	4.83	2.17	1.18	2.38	0.29	1.57	20.18
Highland Station	2.72	1.80	2.40	1.70	2.95	3.05	3.39	2.13	2.09	3.40	1.51	2.72	29.86
Hillsdale	2.53	2.63	2.95	1.98	2.64	3.55	2.68	2.20	0.93	5.63	2.00	3.12	32.84
*Houghton	2.67	1.00	3.10	1.01	1.39	4.32	4.54	2.60	2.00	2.40	2.65	1.93	29.61
Humboldt	0.93	0.10	1.01	2.55	3.18	3.56	5.25	1.46	4.33	2.09	1.37	0.20	26.03
Ionia	1.87	0.80	2.23	1.60	2.20	3.30	3.61	2.70	1.00	3.61	0.90	1.92	25.74
Iron Mountain	.....	.....	.....	.....	.....	.....	.....	.....	[i]1.80	.....	1.16	0.58	.....
Iron River	0.80	0.40	3.25	1.46	2.66	5.27	10.40	.....	.....	.....	.....	.....	.....
Ironwood	.....	.....	.....	.....	.....	.....	.....	.....	1.76	4.47	2.24	1.18	2.28	.....
Ishpeming	0.89	1.00	2.90	1.20	3.14	2.66	5.11	2.46	2.92	3.92	2.20	2.00	30.40
Ivan	2.64	1.05	1.53	0.45	3.12	1.89	3.78	3.67	3.61	4.48	1.86	2.11	30.19
Jackson	2.36	1.90	2.27	1.60	2.81	3.22	2.90	1.70	1.12	4.80	1.01	2.64	28.33
Jeddo	1.82	1.10	1.80	2.12	2.09	0.82	3.59	1.88	1.87	1.35	1.16	3.70	23.30
Kalamazoo	1.32	2.71	1.91	0.45	2.25	2.16	3.31	1.33	0.06	2.98	0.31	3.00	21.25
Lake City	1.45	1.80	2.70	0.33	1.75	T.	3.20	1.50	.....	1.60	0.25	1.30	.....
*Lansing	1.69	1.26	2.97	2.29	2.67	3.75	6.33	3.24	1.88	4.87	1.32	2.90	35.17
Lapeer	1.00	1.60	.....	1.52	2.97	2.20	3.92	2.80	1.74	1.79	.....	1.28	.....
Lathrop	1.15	0.55	3.80	1.27	4.44	3.76	9.15	[b]2.65	5.60	2.86	4.72	5.95	45.90
Lincoln	0.90	1.20	3.98	1.10	1.10	1.13	3.22	1.35	2.44	3.10	0.10	1.30	20.92
Ludington	1.46	1.05	2.25	0.40	0.76	0.56	1.97	0.75	1.16	1.98	0.79	1.90	14.98
Mackinac Island	1.58	0.30	3.15	2.07	1.93	4.28	4.30	4.29	2.53	2.11	1.90	2.23	30.67
Mackinaw	1.37	0.30	2.82	1.41	1.71	3.42	6.63	6.46	3.93	4.56	1.47	1.83	35.91
Madison	1.98	0.74	2.36	1.85	2.07	2.22	2.49	1.76	0.89	.....	.....	.....	.....
Mancelona	4.14	3.00	2.85	0.67	2.69	1.30	4.72	4.58	5.90	5.95	2.28	2.37	40.46
Manistee	2.78	2.00	4.40	0.41	2.21	1.78	4.62	1.60	3.18	3.40	1.73	4.06	32.17
Manistique	1.07	0.71	3.33	1.59	2.74	3.43	5.28	2.43	2.47	5.64	2.56	0.99	32.18
*Marquette	2.08	0.83	2.72	1.14	4.84	3.89	5.96	2.31	4.44	3.12	3.82	2.04	37.19
Menominee	0.85	0.80	3.45	0.95	3.22	2.26	4.64	3.02	2.17	4.47	1.72	0.30	27.85
Midland	1.40	1.90	0.83	1.04	.....	1.28	.....	.....	0.82	3.19	0.34	1.77	.....
Mio	.....	.....	.....	0.91	2.57	0.63	2.97	3.61	3.07	4.40	0.92	1.43	.....
Mount Clemens	0.88	1.35	0.73	1.24	2.00	1.60	3.12	1.37	.....	0.98	0.89	3.45	.....
Mount Pleasant	1.33	1.20	2.54	1.14	1.79	1.99	3.10	3.75	2.90	2.18	.....	1.39	.....
Muskegon	1.90	1.70	3.20	1.05	1.22	4.03	6.67	1.06	4.37	1.82	1.41	1.22	29.65
Newberry	1.40	1.60	1.40	0.20	.....	1.63	2.40	2.40	1.80	2.48	0.58	0.92	.....
North Marshall	0.80	0.80	2.35	2.15	2.20	3.20	[d]4.00	2.20	1.00	3.60	0.47	.....	.....
Northport	2.95	2.15	2.20	0.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Old Mission	2.13	2.16	3.21	0.31	2.84	1.50	3.77	2.71	3.86	3.99	1.62	2.39	30.49
Olivet	2.44	1.94	2.78	2.02	2.69	1.86	7.33	2.00	1.25	5.30	1.37	3.86	34.84
Omer	0.80	0.50	3.40	1.40	1.23	0.61	4.69	1.02	1.49	2.17	.....	1.43	.....
Onaway	.....	0.05	2.51	1.08	3.17	3.45	5.42	3.05	4.10	3.40	1.11	1.63	.....
Ontonagon	1.00	0.60	1.80	0.77	0.40	4.61	7.27	2.83	3.49	1.97	2.14	4.83	31.71
*Ovid	1.41	2.25	3.03	2.31	3.22	2.50	5.34	3.45	1.23	4.17	1.34	3.17	33.42
Owosso	1.65	1.80	2.35	2.20	3.60	1.30	4.95	2.20	0.80	2.80	1.10	2.75	27.50

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Michigan—Continued.													
Petoskey	2.92	1.20	2.95	0.72	2.92	2.68	4.85	4.66	1.40	[b]0.75	2.65	1.95	29.64
Plymouth	0.76	.....	1.02	.....	.....	.....	.....	1.25	1.70	2.20	.....	2.02	.....
Pontiac	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]2.57	0.83	3.20	.....
Port Austin	0.65	0.60	1.44	1.68	1.50	.....	3.10	1.48	0.66	1.82	0.68	.....	.....
*Port Huron	1.10	1.38	1.37	1.78	2.95	1.26	2.67	0.54	2.13	1.14	1.19	2.85	20.36
Reed City	2.25	1.40	2.88	0.47	2.21	2.51	3.84	2.61	2.15	5.39	0.97	1.52	26.20
Roscommon	1.20	0.20	5.30	0.80	4.15	.....	3.40	2.50	.....	.....	0.30	1.40	.....
Saginaw	1.65	1.49	3.54	2.59	1.85	1.57	4.76	3.02	0.76	3.27	1.26	2.51	28.27
St. Ignace	0.55	0.10	2.20	1.16	1.67	3.52	4.02	4.08	4.20	5.34	2.49	3.10	32.43
St. Johns	1.07	1.40	.....	1.96	2.21	3.41	4.80	2.37	1.16	3.02	1.11	1.71	.....
St. Joseph	1.61	2.10	3.24	0.20	1.12	1.90	2.40	2.38	2.86	4.72	1.16	3.96	27.05
*Sault Ste. Marie	1.40	0.22	2.11	0.82	1.55	3.37	4.95	3.01	2.31	5.39	1.33	0.92	27.38
Sidnaw	.....	0.60	2.80	0.80	2.85	3.85	4.20	1.14	.....	.....	1.24	0.78	.....
Somerset	2.20	1.00	2.08	2.02	2.22	2.23	2.60	[g]2.28	[f]0.79	3.55	0.30	[i]1.55	22.82
South Haven	1.39	0.80	2.97	0.80	2.82	3.04	1.75	1.40	2.02	4.44	1.16	3.01	25.60
Stanton	.....	1.80	2.18	1.55	.....	2.37	[g]3.53	2.20	.....	1.14	[c]1.36	1.66	.....
Thomaston	1.80	0.00	1.15	0.51	1.01	2.24	3.10	0.60	2.03	0.80	0.60	.....	.....
Thornville	1.97	1.96	0.99	1.27	3.58	2.56	3.25	3.39	2.08	3.12	1.47	3.01	28.65
Traverse City	3.60	1.25	3.12	[b]0.40	1.71	2.16	3.97	2.97	3.75	4.38	2.04	2.50	31.85
Vassar	2.72	1.38	1.78	2.26	3.41	.....	9.09	4.61	0.92	2.44	1.15	1.94	.....
Wasepi	2.52	2.45	3.89	2.06	2.53	3.99	3.06	1.05	1.17	5.70	1.80	3.65	33.87
Waverly	1.09	1.61	3.80	0.56	2.34	2.70	2.95	1.01	4.27	2.04	1.26	4.35	27.98
West Branch	1.97	1.11	2.83	1.05	2.43	2.10	2.63	3.37	3.16	2.80	0.38	1.85	25.58
Wetmore	2.10	1.20	1.50	0.50	3.65	1.00	7.55	.....	.....	.....	.....	2.80	.....
Whitecloud	0.95	0.80	0.90	0.75	.....	.....	.....	.....	.....	1.80	0.80	1.35	.....
Whitefish Point	1.34	1.71	2.70	0.55	0.96	3.08	6.00	3.31	2.69	7.77	1.66	2.20	33.97
Williamston	2.01	2.45	2.05	1.35	3.22	2.58	5.35	[e]1.09	.....	.....	.....	.....	.....
Ypsilanti	2.42	1.47	3.30	2.05	3.65	1.79	3.88	3.46	1.83	2.24	1.76	2.98	30.83
Minnesota.													
Ada	0.26	0.42	1.16	1.62	0.22	7.83	4.69	4.28	2.74	2.25	.....	0.74	.....
Albert Lea	0.50	.....	.....	.....	.....	.....	.....	.....	7.81	0.95	0.60	0.27	.....
*Alexandria	0.19	0.17	1.01	1.97	0.85	4.56	2.44	1.37	2.43	1.16	0.08	0.21	16.44
Ashby	0.72	0.49	1.84	3.22	1.13	4.87	3.73	1.04	2.17	1.52	0.53	0.96	22.22
Beardsley	0.12	0.17	1.93	2.97	1.35	5.36	2.25	1.29	5.26	0.82	0.15	0.30	21.97
Beaulieu	0.22	0.22	0.75	.....	0.14	.....	4.45	.....	.....	.....	.....	.....	.....
Bemidji	0.49	0.35	2.76	.....	4.97	7.01	7.84	2.09	1.62	9.56	0.59	0.48	.....
Bird Island	0.21	0.40	0.92	1.57	2.48	5.95	1.41	2.46	2.89	1.63	0.59	0.16	20.66
Blooming Prairie	0.35	0.40	2.30	1.55	1.40	5.30	1.70	1.65	9.35	0.35	0.45	0.45	25.25
Brainerd	0.15	0.27	1.70	[a]2.11	1.23	[d]4.43	4.69	1.15	1.62	1.92	.....	0.57	.....
Caledonia	0.71	0.71	2.04	1.68	2.91	2.78	8.10	1.09	9.21	2.71	0.75	0.36	33.05
*Campbell	.....	.....	.....	2.66	.....	5.34	5.81	0.83	2.68	.....	.....	.....	.....
Collegeville	0.27	0.17	1.52	1.45	1.36	4.22	2.53	1.08	2.61	0.62	0.67	0.38	16.88
*Crookston	0.35	0.40	0.20	2.45	0.26	7.41	4.61	2.60	2.32	2.00	T.	0.76	23.36
Deephaven	0.53	0.40	1.76	1.40	1.92	6.23	1.52	1.92	4.65	0.71	0.73	0.28	22.05
*Detroit City	0.42	0.37	1.38	2.95	0.83	5.21	5.45	1.55	1.75	4.22	0.27	0.74	25.14
*Duluth	0.36	0.72	1.95	1.23	0.97	9.09	4.39	1.70	2.30	2.01	1.28	0.68	26.68
Faribault	0.28	0.36	0.80	1.00	0.90	9.74	3.48	1.68	7.70	1.93	0.62	0.51	29.00
Farmington	0.60	0.40	1.58	1.44	1.67	5.08	2.32	1.29	5.16	3.34	0.61	0.60	24.09
Fergus Falls	0.43	0.37	1.50	2.15	0.89	4.90	6.48	1.69	2.75	2.82	0.30	0.93	25.21
Glencoe	0.13	0.15	0.59	0.66	1.20	7.05	2.71	1.88	4.10	0.82	0.65	0.20	20.14
Grand Marais	.....	.....	.....	1.88	1.32	4.53	4.38	.....	.....	.....	.....	.....	.....
*Grand Meadow	0.79	0.75	4.17	1.93	3.37	2.57	2.68	1.36	9.24	2.98	0.74	0.84	31.42
Hallock	0.17	0.44	1.19	1.45	0.05	5.67	3.77	3.24	2.19	1.81	0.11	0.56	20.65
Hovland	0.46	0.28	1.84	1.87	1.39	5.47	4.38	3.17	1.94	2.45	1.15	0.67	25.07
Lake Jennie	0.43	0.29	2.06	1.52	1.38	6.41	2.68	3.36	3.01	1.50	.....	.....	.....
Lakeside	0.45	0.40	1.40	1.44	1.50	6.78	1.59	.....	.....	1.45	0.80	0.40	.....
Lake Winnibigoshish	0.23	0.38	2.36	1.75	0.73	8.49	3.82	1.67	1.75	4.53	0.43	0.60	26.74
Leech	T.	0.22	3.24	1.20	0.45	10.37	5.20	1.66	1.74	3.72	0.43	0.57	28.80
Leroy	0.68	1.00	2.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Long Prairie	0.22	0.10	2.03	2.22	1.44	5.23	4.86	1.61	1.87	1.57	0.68	0.70	22.53
Luverne	0.11	0.22	1.10	1.75	3.25	4.21	1.46	2.80	5.53	1.93	0.94	0.38	23.71
Lynd	0.54	0.37	0.86	1.97	1.79	4.33	0.88	3.37	4.11	0.95	0.89	0.20	20.06
Mapleplain	0.54	0.42	2.28	1.21	1.31	4.84	2.53	1.59	5.34	0.77	0.86	0.86	22.55
Milaca	.....	.....	.....	0.70	0.55	6.40	3.20	1.97	3.81	1.44	.....	.....	.....
Milan	0.47	0.42	1.07	1.27	1.36	4.60	1.15	1.22	5.56	0.63	0.40	0.67	18.82
*Minneapolis	0.31	0.26	1.84	1.58	1.57	6.25	1.64	2.65	3.80	0.94	1.00	0.46	22.30
Minneapolis[1]	0.40	0.36	1.93	1.82	1.89	6.67	.....	.....	.....	.....	.....	.....	.....
Minneapolis[2]	0.32	0.33	1.89	1.45	1.76	6.75	1.41	3.54	4.03	0.86	1.20	0.54	24.08
*Montevideo	0.35	0.58	1.36	1.42	1.23	4.29	1.24	1.83	5.39	0.66	0.62	0.44	19.41
*Moorhead	0.54	0.32	2.56	2.28	0.76	6.10	7.94	1.94	2.94	3.42	T.	1.36	30.16
Morris	0.40	0.30	0.82	1.72	2.15	3.65	2.34	1.08	3.57	1.18	0.70	0.45	18.34
Mount Iron	0.15	0.30	3.20	1.35	1.60	8.99	4.17	1.91	3.06	3.35	1.50	0.57	30.15
Newfolden	0.26	0.32	0.35	2.61	0.76	8.62	12.08	3.48	2.66	3.00	.....	.....	.....
New London	0.44	0.02	1.11	1.55	1.50	2.79	1.62	0.68	3.33	0.62	0.85	0.35	14.86
*New Ulm	0.65	0.25	1.33	1.76	2.10	5.61	2.07	1.81	5.85	0.80	0.85	0.43	23.51
*Park Rapids	0.36	0.22	1.98	2.51	1.11	6.24	4.91	1.48	1.24	3.55	0.70	0.77	25.07
Pine River	0.15	0.44	1.43	3.34	1.28	8.83	3.38	1.01	1.31	2.67	1.59	0.79	26.22
Pipestone	0.16	0.42	0.33	2.20	2.51	6.07	0.85	3.13	4.59	1.08	0.57	0.10	22.01
Pleasant Mounds	0.26	0.16	0.89	1.39	1.76	3.88	1.29	2.53	6.56	1.03	1.20	0.42	21.37
Pokegama Falls	0.26	0.28	4.11	1.94	1.14	9.27	5.09	1.49	1.31	2.67	1.44	0.64	29.64
*Redwing[3]	1.00	0.69	1.79	0.85	1.12	5.42	1.94	3.74	7.28	1.56	0.62	0.61	26.62
Redwing[4]	0.32	0.33	1.19	0.85	0.96	4.99	1.83	4.68	5.86	1.55	0.50	0.49	23.55
*Reeds	0.51	0.62	1.63	1.13	1.08	7.00	2.72	1.31	5.96	2.10	0.47	0.42	24.95
Rolling Green	0.20	0.80	1.77	0.80	2.30	2.50	2.67	1.80	7.02	1.00	0.72	0.91	22.49
St. Charles	0.65	0.70	1.90	1.43	1.90	9.80	5.10	3.39	9.76	3.05	0.60	1.05	32.73
St. Cloud	0.42	T.	1.34	2.00	1.21	4.67	2.38	1.54	3.25	0.76	0.50	0.23	18.30
*St. Paul	0.37	0.40	2.52	1.14	1.64	7.21	2.30	2.08	5.04	0.91	1.60	0.54	25.75
St. Peter	0.44	0.43	0.87	1.32	2.07	4.91	1.12	2.42	9.28	2.42	1.70	0.28	27.26
Sandy Lake Dam	0.21	0.34	2.12	1.07	0.66	7.51	2.69	2.63	0.51	1.90	1.28	0.58	21.50

[1] W. W. Cheney. [2] J. H. Ashenberger. [3] River observer. [4] W. M. Cline.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Minnesota—Continued.													
Shakopee	0.36	0.60	1.66	1.15	1.87	6.81	1.76	1.37	4.79	0.75	1.40	0.84	23.36
Thief River Falls	0.29	0.55	0.90	2.29	T.	3.89	3.24	4.65	.....	.....	.....	.....	.....
Tower	0.75	0.40	2.80	1.00	2.00	7.73	3.00	1.70	2.20	1.50	0.90	0.95	24.93
Two Harbors	0.23	0.74	2.10	2.17	1.42	8.37	4.91	2.65	2.21	1.99	2.06	0.50	29.35
Wabasha	0.49	0.64	2.38	1.02	1.14	6.30	3.70	1.32	6.86	2.25	0.90	0.66	27.66
Warroad	.....	.....	0.63	2.04	0.60	5.00	1.63	[c]2.95	2.58	.....	0.50	0.40	.....
White Bear	0.29	0.26	2.27	0.88	2.10	.....	2.38	1.73	.....	.....	.....	.....	.....
Willmar	0.15	0.33	0.87	1.93	1.56	5.23	2.23	1.70	4.58	0.72	0.65	0.40	20.90
Willow River	0.20	0.28	2.39	0.68	1.97	7.76	5.53	3.70	2.21	1.61	0.95	0.84	28.12
*Winnebago City	0.42	0.42	1.51	1.73	2.00	3.82	2.19	2.38	7.17	0.80	1.05	1.08	24.57
*Worthington	0.38	0.32	1.76	2.02	2.68	3.80	1.70	2.91	6.84	0.93	0.52	[f]0.51	24.37
Wyoming	.....	.....	.....	.....	.....	3.56	3.07	2.73	6.17	0.55	.....	.....	.....
Mississippi.													
*Aberdeen	.....	.....	.....	4.18	3.75	2.13	3.99	7.29	2.95	1.16	2.30	4.79	.....
Agricultural College	6.60	5.63	3.20	4.94	3.87	3.75	0.60	8.16	2.35	1.25	4.00	5.32	49.67
Austin	2.78	2.39	1.59	2.53	3.44	0.38	3.60	5.78	9.73	2.00	3.31	5.76	43.29
*Batesville	6.82	2.25	5.33	3.68	2.75	1.54	1.18	7.71	4.82	0.79	2.58	5.07	44.52
Bay St. Louis	3.25	5.46	3.49	8.78	0.48	2.86	10.65	10.42	1.58	3.81	2.79	7.32	60.80
Biloxi	2.49	3.55	4.37	9.65	1.42	[d]4.25	11.48	9.47	4.17	0.34	2.46	6.84	59.89
Booneville	4.26	2.13	5.03	3.31	3.96	1.80	1.69	8.53	4.27	1.24	1.61	6.26	44.09
*Brookhaven	2.70	6.95	4.60	6.21	3.45	2.70	3.25	4.40	3.85	3.85	1.35	8.45	51.76
Canton	9.44	5.55	3.23	3.36	6.02	1.10	4.49	2.89	4.58	2.72	3.08	9.82	55.78
Cleveland	.....	2.72	3.16	3.39	4.75	1.41	2.10	8.56	5.00	0.46	3.65	.....	.....
*Columbus[1]	.....	.....	.....	.....	4.42	.....	3.11	7.47	2.61	1.22	.....	6.41	.....
*Columbus[2]	4.05	4.61	5.58	4.82	4.31	0.78	3.12	7.65	2.61	1.18	2.03	6.41	46.65
*Corinth	.....	.....	.....	3.03	3.77	2.55	1.58	12.45	6.76	1.38	.....	.....	.....
Crystalsprings	3.52	5.22	3.88	5.16	4.82	5.19	3.89	7.54	2.16	3.01	1.87	10.10	55.36
Edwards	8.40	4.47	3.45	3.18	12.20	2.79	1.84	3.07	3.84	3.80	1.89	9.00	57.93
Fayette	4.60	6.50	[b]4.40	2.55	1.78	1.00	4.70	7.00	3.25	1.75	3.80	11.70	52.53
Fayette (near)	3.05	5.80	3.17	3.38	1.96	0.92	3.53	6.26	3.39	1.11	2.38	9.73	44.68
Greenville[3]	4.61	3.82	4.45	3.17	5.68	1.22	2.23	2.52	4.59	0.85	3.69	4.92	41.75
*Greenville[2]	4.50	3.91	4.66	3.06	5.58	1.20	2.25	2.47	4.75	0.90	3.69	4.71	41.68
Hattiesburg	.....	.....	.....	.....	.....	[f]0.47	8.68	8.69	2.15	0.26	1.69	5.47	.....
*Hazlehurst	.....	.....	.....	.....	2.61	5.44	3.48	6.39	1.19	3.20	1.80	8.76	.....
*Hernando	2.88	1.65	3.20	1.28	1.75	1.10	0.25	5.50	4.50	1.80	1.90	.....	.....
*Holly Springs	3.91	2.01	3.61	3.44	2.70	2.87	1.57	5.82	8.85	1.16	2.43	3.26	41.63
Indianola	.....	.....	.....	2.56	5.95	1.54	3.75	5.38	4.82	1.20	3.52	5.42	.....
*Jackson	4.27	3.57	2.76	4.33	5.53	5.84	3.22	5.57	1.79	1.95	2.20	10.83	51.86
Kosciusko	6.60	6.40	2.90	3.60	4.00	1.40	2.90	7.32	.....	.....	.....	.....	.....
*Lake	.....	.....	.....	4.18	3.35	5.90	1.02	3.34	4.00	1.78	3.07	7.83	.....
Leakesville	4.08	6.76	[c]3.57	7.34	2.96	2.40	4.29	13.01	2.45	1.79	1.90	9.93	60.48
Louisville	6.54	4.81	2.17	4.63	4.27	1.69	2.69	14.13	3.79	1.95	2.47	7.77	57.01
*Macon	6.21	1.86	2.67	2.10	4.73	1.44	0.62	7.53	1.62	0.35	.....	.....	.....
Magnolia	4.53	5.03	4.89	7.68	1.55	2.96	11.11	3.99	3.77	1.05	2.43	10.43	59.42
*Meridian	3.86	4.35	4.39	4.97	4.35	2.69	2.94	6.55	1.90	1.08	1.97	8.58	47.63
*Natchez	5.65	6.20	3.70	2.95	0.75	1.75	8.55	3.35	1.40	0.20	2.40	8.10	45.00
Nittayuma	.....	.....	.....	2.94	6.15	0.59	5.89	0.86	6.79	2.43	4.22	6.25	.....
*Okolona	4.36	2.25	1.55	2.19	4.70	0.87	0.97	5.01	.....	0.15	1.15	4.39	.....
Palo Alto	7.07	4.29	3.76	3.37	5.34	2.53	0.85	6.96	2.71	0.91	2.53	5.63	46.95
Pearlington	3.45	4.95	3.18	6.16	0.49	1.53	5.63	11.32	1.68	3.47	1.92	5.74	49.52
Pittsboro	.....	.....	.....	.....	.....	.....	2.62	8.75	3.58	1.10	2.54	5.63	.....
Pontotoc	5.18	3.99	4.46	3.70	5.07	0.16	2.08	12.78	3.85	1.48	1.58	5.86	49.20
Poplarville	.....	5.26	3.33	7.20	1.90	4.47	10.38	.....	[h]2.00	1.56	2.60	5.87	.....
*Port Gibson	7.44	4.97	3.22	2.48	3.05	5.77	5.24	3.49	2.37	1.05	2.13	10.35	51.56
Ripley	3.86	2.29	5.46	3.45	3.94	1.54	0.81	8.54	6.49	1.37	2.14	6.63	45.92
Sarafoga	3.61	4.99	2.40	5.10	6.81	4.00	5.70	12.60	2.50	.....	.....	.....	.....
Shoccoe	7.87	4.40	2.10	3.79	5.63	2.58	3.25	5.23	4.16	2.25	2.23	7.72	51.21
Stonington	.....	.....	3.64	3.62	2.09	2.44	4.86	6.35	2.88	1.53	1.83	9.16	.....
Suffolk	.....	5.33	3.97	4.54	1.73	2.17	7.59	5.87	6.37	2.36	3.08	9.61	.....
Swartwout	.....	.....	.....	.....	.....	.....	6.90	13.24	2.70	1.69	2.04	6.04	.....
Thornton	9.05	5.11	3.52	3.30	6.08	1.20	3.30	10.00	5.80	1.71	3.00	10.56	62.63
Tupelo	5.98	3.28	5.10	3.73	4.93	1.59	3.23	9.46	3.45	1.24	2.01	5.47	49.47
*Vicksburg	8.56	5.71	3.12	2.70	9.77	3.73	3.35	3.41	3.54	1.57	2.14	9.97	57.57
Walnutgrove	5.63	3.95	2.01	3.98	2.60	1.27	2.19	5.12	1.23	1.90	[h]1.95	7.75	39.58
Watervalley	4.54	8.24	3.85	5.00	4.14	1.43	1.87	5.48	5.23	0.72	2.74	6.23	49.47
*Waynesboro	3.14	3.40	3.97	7.20	3.65	4.19	3.82	5.30	1.95	1.50	2.21	7.90	48.23
Windham	.....	.....	.....	3.93	11.75	[f]6.90	5.80	.....	.....	.....	.....	.....	.....
Woodville	4.04	5.13	5.60	5.72	0.93	1.63	10.25	5.84	4.62	0.62	3.26	9.68	57.32
*Yazoo City	6.75	3.97	4.55	4.02	6.08	3.31	2.40	6.75	3.55	1.00	2.20	7.85	52.43
Missouri.													
Appleton City	1.96	1.83	3.97	2.89	2.07	1.64	1.21	3.51	7.31	0.94	1.05	0.82	29.20
Arthur	1.81	1.31	3.82	1.76	2.54	0.56	2.78	4.62	4.05	1.13	0.32	1.74	26.44
Avalon	0.56	1.18	3.07	2.24	0.85	0.56	1.46	0.54	1.92	1.65	0.37	2.26	16.66
*Bagnell	.....	.....	5.25	3.29	0.25	0.95	.....	.....	.....	.....	.....	.....	.....
Bethany	0.35	0.89	2.97	3.06	1.41	4.07	3.16	1.46	4.42	1.48	1.25	1.71	26.23
Birchtree	1.46	2.13	3.72	3.56	0.19	1.58	2.50	0.60	0.92	0.67	1.60	3.48	22.41
*Boonville	2.82	2.10	6.28	4.13	1.16	3.56	1.75	2.28	2.54	1.13	1.60	3.18	32.53
*Brunswick	1.49	1.31	3.67	2.04	1.22	1.43	1.82	1.25	2.04	1.17	0.39	1.87	19.70
Carrollton	1.20	1.57	2.27	2.33	2.13	1.77	1.92	2.48	.....	1.12	.....	.....	.....
*Columbia	2.32	1.79	3.25	2.38	0.35	1.23	2.74	1.67	1.37	1.16	0.80	2.29	21.35
Conception	0.31	0.70	3.39	3.16	2.03	2.44	0.91	1.16	1.85	1.21	1.18	1.26	19.60
Cook Station	1.15	1.86	2.90	3.00	1.10	1.10	1.85	0.49	0.11	.....	.....	.....	.....
Cowgill	0.35	1.76	4.90	5.41	.....	.....	2.46	1.79	.....	.....	.....	.....	.....
Darksville	1.42	0.80	3.10	2.05	1.22	1.62	3.85	1.55	.....	.....	0.45	1.92	.....
Dean[4]	0.58	1.62	3.79	3.33	1.21	1.92	3.51	4.48	3.55	1.60	3.78	4.68	34.11
Desoto	.....	.....	.....	3.19	2.23	1.33	0.60	0.12	2.54	1.36	2.33	3.67	.....
Downing	0.61	1.15	2.76	1.67	0.51	4.31	2.15	0.28	2.90	1.65	0.92	1.88	20.79

[1] River observer. [2] Cotton region observer. [3] Robert Somerville. [4] Formerly Wylie.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Missouri—Continued.													
Edgehill	1.01	1.95	3.32	3.59	0.32	0.63	1.32	1.19	1.32	0.75	1.79	3.65	20.84
Edwards	1.90	1.76	4.37	.....	1.32	0.97	2.93	2.93	[k]2.11	1.57	[f]1.21	.....	.....
Eightmile	1.45	0.97	3.54	2.78	1.85	0.75	1.51	3.46	4.51	2.53	0.62	1.27	25.24
Eldon	1.40	2.59	3.79	2.30	0.36	0.67	0.68	2.39	1.09	2.12	1.38	3.75	22.52
Fairport	0.49	1.16	2.98	2.42	1.59	2.68	1.78	1.20	5.31	1.72	0.50	1.45	23.28
Fayette	2.29	1.46	4.10	2.35	0.34	2.92	1.72	1.06	1.55	0.94	0.93	3.17	22.83
Fulton	3.57	1.37	3.97	3.29	0.40	1.69	1.41	2.38	1.75	1.16	1.50	3.57	26.06
Galena	0.90	1.01	3.61	2.47	0.78	2.38	3.30	1.36	2.23	1.32	2.64	2.96	24.96
Gallatin	0.22	2.03	2.98	3.89	1.71	1.60	1.55	0.37	5.01	1.59	0.97	2.36	24.28
Gayoso	1.16	2.51	4.14	3.37	1.74	1.92	2.62	2.79	2.69	2.63	1.61	5.63	32.72
Glasgow	1.89	1.75	4.15	2.16	0.73	3.04	1.26	0.54	1.20	0.86	0.67	3.09	21.34
Gorin	1.21	1.29	3.27	1.88	1.77	4.54	2.85	0.18	2.20	1.20	0.96	1.35	22.70
Halfway	0.97	1.73	4.59	4.01	1.06	2.74	2.66	2.67	4.34	1.08	1.92	4.05	31.77
*Hannibal	1.85	1.32	2.78	1.55	1.65	2.48	1.95	0.89	1.83	0.86	0.74	1.82	19.72
*Harrisonville	1.54	1.57	3.72	2.85	2.28	0.59	1.92	3.93	3.80	1.65	0.76	1.09	25.70
Hazlehurst	0.60	1.20	1.96	2.76	1.31	2.04	1.00	0.46	3.96	1.21	0.79	3.01	20.30
*Hermann	1.38	1.46	2.71	2.76	0.82	1.09	1.39	2.35	1.01	2.46	1.39	3.58	22.40
Houston	1.35	2.02	3.76	3.22	0.24	3.84	1.65	1.43	1.07	2.63	1.91	4.56	27.68
Irena	0.71	1.15	4.05	2.49	2.39	4.42	3.86	0.69	3.47	2.22	1.54	1.74	28.73
*Ironton	1.66	2.42	4.93	3.92	0.47	2.36	2.42	1.41	1.26	1.18	2.32	4.36	28.71
Jackson	1.41	1.91	4.08	3.31	1.93	2.01	2.05	4.44	1.05	2.68	1.53	5.33	31.73
*Jefferson City	.....	2.23	.....	2.59	0.65	.....	1.06	2.12	0.95	.....	1.21	3.85	.....
*Kansas City	0.45	1.43	3.69	4.20	0.75	2.54	2.75	2.64	1.84	2.20	0.60	1.67	24.76
*Kidder	0.82	1.41	3.34	4.40	2.91	1.56	3.14	1.27	3.50	2.10	0.91	2.72	28.08
Koshkonong	0.96	1.94	4.55	3.44	1.83	1.06	2.80	1.47	0.20	0.89	2.22	4.19	25.55
*Lamar	1.21	0.70	4.90	1.95	2.38	0.97	1.95	3.50	4.90	1.87	1.65	2.02	28.00
Lamonte	2.34	.....	3.96	1.60	1.04	0.43	2.82	2.25	2.63	1.27	0.97	1.70	.....
Lebanon	1.17	1.90	4.00	3.43	0.64	1.87	1.80	1.93	2.35	1.38	1.90	4.66	27.03
*Lexington	1.32	1.30	4.41	3.85	1.49	0.77	3.54	1.80	2.68	1.27	0.37	1.94	24.74
Liberty	0.50	1.50	2.76	3.13	2.51	1.43	1.97	0.82	1.75	2.21	0.53	1.81	20.92
Louisiana	2.25	1.49	3.73	2.15	1.16	.....	.....	.....	.....	.....	.....	3.58	.....
McCune	2.45	2.83	4.43	2.06	0.90	2.71	2.51	1.11	0.55	1.79	1.45	2.93	25.72
Macon	1.54	1.05	4.57	1.45	0.45	1.66	3.50	0.69	2.65	0.91	1.00	1.71	21.18
Marblehill	1.48	2.27	3.81	3.28	1.50	2.64	1.81	4.58	1.40	1.77	1.52	3.95	30.01
Marshall	1.94	1.19	4.35	3.43	1.11	2.52	1.54	1.73	1.59	1.16	0.71	2.58	23.85
*Maryville	0.65	1.55	4.18	2.95	3.76	4.90	4.85	2.31	3.76	2.36	1.80	1.65	34.72
*Mexico	2.36	2.11	3.11	2.22	0.73	2.07	2.06	0.65	0.68	1.06	0.92	2.53	20.50
Miami	1.15	0.91	3.57	3.21	0.81	1.07	2.19	1.09	1.05	0.85	0.37	2.34	18.52
Mineralspring	0.80	1.77	4.11	2.88	0.76	0.86	0.42	3.08	1.08	1.72	4.34	1.60	23.42
Monroe City	.....	.....	.....	.....	.....	.....	.....	0.75	2.18	1.59	0.88	2.95	.....
Montreal	0.74	1.92	3.53	3.00	0.36	2.10	1.99	2.65	1.37	2.24	1.80	4.02	25.52
Mountaingrove	.....	.....	.....	.....	0.41	1.20	2.63	1.21	0.72	2.61	1.81	3.53	.....
Mount Vernon	0.87	1.31	6.13	3.50	3.09	0.42	6.05	4.84	1.07	2.05	2.07	6.11	31.51
Neosho	0.45	1.17	4.54	3.12	2.62	1.31	3.05	4.07	4.41	3.03	2.81	4.49	35.07
Nevada	1.40	1.86	3.45	1.82	2.23	0.26	1.72	2.02	3.54	0.80	0.97	1.97	22.04
New Haven	0.60	2.37	3.46	2.90	1.19	2.67	1.82	1.70	0.76	2.39	1.35	4.17	25.38
*New Madrid	.....	.....	3.79	3.39	2.38	1.21	2.96	5.21	2.98	2.85	2.16	6.72	.....
New Palestine	1.64	1.38	3.96	2.51	0.32	1.29	0.92	1.32	2.05	0.96	1.27	1.72	19.34
Oakfield	1.07	1.84	3.02	3.17	2.04	1.18	0.49	2.30	0.72	3.00	1.26	5.01	25.10
Olden	1.43	2.24	3.76	3.64	1.24	0.92	1.18	1.28	0.96	0.98	1.94	4.04	23.61
Oregon	0.69	2.08	4.62	4.08	2.67	2.75	2.41	2.73	2.85	1.88	2.00	1.68	30.44
Palmyra	1.78	1.34	2.81	1.72	1.17	5.31	3.22	0.27	2.60	0.65	1.65	2.17	23.60
Phillipsburg	0.93	1.37	4.00	2.94	1.00	1.69	1.67	1.88	2.11	0.36	1.91	4.24	24.10
Pine Hill	1.16	2.37	4.48	3.94	1.07	1.81	2.80	2.68	0.99	1.79	1.49	4.52	29.10
Poplarbluff	1.37	2.74	4.80	3.59	2.39	1.37	0.71	3.69	1.28	1.90	2.00	2.68	28.52
Potosi	1.16	2.33	3.98	3.78	0.81	0.78	1.48	1.45	0.74	1.81	2.61	5.32	26.25
Princeton	0.35	2.23	2.22	1.99	2.56	3.13	1.61	0.44	4.08	1.14	0.88	2.15	22.78
Richmond	1.03	1.35	3.85	4.64	2.19	1.06	2.37	1.59	1.89	1.32	0.41	2.43	24.13
Rockport	0.53	1.83	2.60	2.88	2.62	3.73	1.98	1.23	2.85	3.93	1.26	1.37	26.81
Rolla	0.87	1.70	3.32	2.99	0.73	2.30	1.64	1.59	0.92	2.29	1.66	4.80	24.81
St. Charles	1.67	1.88	3.31	1.05	3.77	1.10	0.75	1.22	1.00	2.90	1.15	4.21	24.01
*St. Joseph	0.38	1.19	3.80	3.68	1.31	1.03	1.18	1.73	2.16	2.05	1.15	1.37	20.53
*St. Louis	1.12	1.86	2.94	2.35	2.69	3.92	1.47	0.76	0.64	2.12	1.21	3.72	24.80
Sarcoxie	0.55	1.74	2.65	2.80	2.34	1.23	1.88	3.42	1.56	2.86	1.71	3.86	26.55
Sedalia	.....	1.06	.....	1.85	0.90	2.42	.....	.....	2.81	1.05	1.16	1.48	.....
Seymour	1.22	1.66	4.08	3.20	0.73	1.78	1.30	2.97	0.73	1.63	1.91	3.60	24.76
Shelbina	2.10	0.95	2.76	1.90	0.90	2.50	4.90	0.15	3.25	.....	.....	.....	.....
Sikeston	2.02	5.04	4.50	4.29	2.95	2.16	0.73	6.98	1.96	2.16	1.73	4.70	39.22
*Springfield	0.73	1.86	4.43	2.94	3.04	3.39	1.69	3.03	1.79	2.26	2.58	3.98	31.72
Steffenville	1.78	0.85	4.41	0.89	0.65	3.66	1.83	0.27	3.00	0.84	1.13	1.93	21.24
Sublett	0.70	2.11	3.41	2.57	0.29	3.25	0.82	0.47	2.59	1.31	[e]0.90	[h]1.39	19.81
Trenton	0.53	1.30	2.93	2.31	1.81	4.85	1.98	0.61	3.62	1.44	1.01	2.43	24.82
*Unionville	1.10	1.24	2.53	2.02	2.14	4.77	0.77	0.79	3.68	0.96	0.88	2.60	23.48
Vichy	0.85	[j]0.62	.....	2.95	0.42	2.76	3.39	3.22	2.32	.....	1.75	.....	.....
Warrensburg	2.09	1.27	4.62	2.13	1.78	1.11	2.00	2.65	2.40	1.68	0.83	1.64	24.20
*Warrenton	1.59	1.87	3.96	2.99	2.68	1.08	1.33	1.83	0.74	3.37	1.59	5.06	28.09
Wheatland	2.24	1.08	5.42	2.49	1.22	2.46	1.60	2.56	4.28	1.30	2.30	3.80	30.75
Willowsprings	1.73	2.05	3.39	4.71	2.28	3.25	1.19	0.57	1.77	0.47	.....	.....	.....
Windsor	2.16	0.50	5.39	2.27	1.65	0.48	1.28	1.95	4.63	1.31	1.10	1.34	24.06
Zeitonia	1.73	2.42	4.27	3.50	0.33	2.30	1.46	1.19	1.47	1.43	2.03	4.93	27.06
Montana.													
Adel	1.35	0.50	1.45	3.00	3.77	2.91	1.33	0.29	3.51	T.	.....	3.10	.....
Anaconda	.....	.....	0.49	1.58	2.27	2.68	T.	T.	1.17	0.21	0.25	2.26	.....
Augusta	0.42	0.12	0.26	0.51	4.13	3.57	0.88	0.07	4.30	0.07	0.09	0.65	14.57
Bigtimber	0.01	0.26	0.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boulder	0.58	0.70	0.21	.....	2.14	1.81	0.38	0.35	1.36	0.14	0.18	1.17	.....
Bozeman	.....	0.56	1.21	1.29	5.01	1.56	.....	.....	.....	.....	0.73	1.46	.....
Butte	0.60	0.65	1.65	2.35	3.40	2.00	0.55	0.30	0.90	0.45	T.	1.70	14.55
Canyon Ferry	0.44	0.45	0.81	1.33	3.38	1.72	0.51	0.09	2.63	0.17	0.38	1.20	13.11
Chester	0.60	T.	0.10	0.15	2.42	1.80	0.01	0.03	1.11	0.01	0.07	0.60	6.90
Chinook	0.53	0.17	0.23	.....	2.78	1.69	2.08	.....	.....	.....	.....	.....	.....

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Montana—Continued.													
Clemons	1.45	2.44	0.90	1.10	4.46	4.26	0.37	.....	.....	.....	.....	.....	.....
Columbia Falls	2.35	2.40	2.69	1.54	3.21	5.18	.....	0.60	3.68	0.89	2.14	3.25	.....
Corvallis	0.90	0.63	0.05	0.65	3.70	1.12	0.00	0.00	2.00	2.00	.....	.....	.....
Crow Agency	0.17	0.16	1.00	0.67	2.65	1.79	0.40	0.70	1.05	0.51	0.10	0.70	9.90
Culbertson	0.39	0.18	0.12	0.30	0.16	3.55	1.66	0.37	1.96	0.07	0.19	0.29	9.24
Deerlodge	.....	.....	.....	.....	.....	.....	[1]1.75	0.00	3.00	0.00	0.25	1.09	.....
Dell	0.05	0.40	0.56	.....	1.32	0.96	T.	1.12	1.30	0.35	.....	.....	.....
Dillon	0.12	0.73	0.96	3.26	2.48	2.85	0.24	1.00	4.77	0.43	0.46	2.49	19.79
Fort Benton	0.80	0.80	0.40	0.67	4.34	1.38	0.95	0.20	1.68	0.10	1.45	.....	.....
Fort Logan	0.72	1.50	0.72	1.71	.....	3.59	0.70	0.85	2.43	0.11	T.	1.50	.....
Glasgow	0.90	0.27	T.	0.76	1.01	4.06	1.73	.....	2.13	0.02	0.84	0.64	.....
Glendive	0.80	0.93	0.81	0.73	T.	4.67	3.65	0.15	2.24	T.	0.40	1.50	15.88
Glenwood	0.82	1.04	2.15	1.42	2.62	2.46	0.19	1.66	1.76	0.05	0.05	.....	.....
Great falls	0.74	0.53	0.33	0.97	3.48	2.63	1.39	0.12	1.89	0.03	0.02	0.53	12.66
*Havre	0.56	0.46	0.10	1.66	3.50	2.75	1.74	0.60	2.04	0.16	0.84	0.82	15.03
*Helena	0.56	0.44	1.05	1.58	4.11	1.83	0.40	0.17	2.63	0.07	0.16	1.71	14.71
*Kalispell	1.26	0.84	0.98	0.45	1.95	2.86	0.34	0.14	1.81	0.43	0.73	1.06	12.85
Kipp	0.60	0.50	0.84	1.08	3.08	3.21	0.18	1.41	1.98	0.22	0.11	0.65	13.86
Lewistown	T.	0.02	1.10	1.10	4.45	3.50	2.00	0.02	1.20	0.50	0.05	2.25	16.19
Livingston	.....	0.01	.....	0.77	8.00	1.65	0.30	0.62	2.10	0.25	0.23	1.12	.....
Manhattan	.....	0.03	0.70	.....	.....	0.04	T.	0.07	0.63	0.01	0.03	1.14	.....
Martinsdale	0.45	0.45	1.10	1.20	3.90	5.11	1.00	1.45	2.40	0.00	0.00	1.60	18.66
Marysville	2.04	1.23	1.20	1.70	3.52	1.22	0.71	0.01	2.97	0.40	0.50	3.45	18.95
*Miles City	0.12	0.44	0.60	0.56	1.40	3.94	3.54	0.76	1.39	0.08	0.42	0.65	13.90
Missoula	1.45	0.55	1.41	1.13	3.84	1.68	.....	.....	[10]5.55	0.47	0.69	2.23	.....
Ovando	1.90	1.56	1.98	1.34	2.80	3.03	0.03	0.10	1.82	0.90	1.51	3.15	20.12
Parrot	0.31	0.10	0.28	1.47	2.49	0.97	0.39	0.60	1.84	0.23	0.13	0.79	9.60
Plains	1.10	0.70	0.65	0.30	0.60	1.21	0.15	0.25	1.92	0.54	0.80	1.90	10.12
Poplar	1.05	0.60	T.	0.38	0.20	3.70	1.23	0.68	2.69	0.50	1.00	0.60	12.53
Ridgelawn	0.70	0.24	T.	0.34	1.24	7.14	2.81	0.07	2.97	0.25	0.50	1.20	17.46
St. Pauls	0.99	0.41	0.20	3.16	4.23	2.33	1.75	0.61	2.73	0.25	0.52	0.37	28.05
St. Peter	.....	.....	.....	.....	8.48	4.52	1.33	0.21	4.61	0.09	0.11	1.28	.....
Toston	.....	.....	.....	.....	.....	.....	.....	0.63	1.76	T.	0.05	.....	.....
Troy	2.84	1.31	1.08	1.97	2.04	3.38	0.53	0.59	2.76	1.06	3.36	1.91	22.83
Utica	0.40	0.20	0.57	1.65	3.82	3.97	1.97	0.90	2.42	1.39	T.	3.22	28.51
Wibaux	.....	0.27	0.30	0.35	T.	7.42	3.63	.....	.....	.....	.....	.....	.....
Yale	0.09	0.34	1.10	1.35	2.78	2.28	0.16	0.70	1.61	0.07	0.02	1.70	12.20
Nebraska.													
Agate	0.09	1.15	1.20	1.46	2.06	2.47	2.15	1.70	0.70	0.83	0.20	0.70	14.62
Agee	0.11	0.45	0.89	1.86	2.05	13.27	1.15	2.17	5.75	1.70	0.88	0.91	31.19
Albion	0.20	0.50	1.84	2.59	1.76	7.80	0.31	0.49	7.26	2.09	1.43	1.00	27.27
Alliance	T.	0.70	0.95	1.40	3.90	2.80	0.20	1.70	0.70	1.10	T.	0.90	14.35
Alma	0.38	0.55	3.57	2.88	0.74	1.71	0.64	1.83	4.20	1.26	0.49	0.11	18.36
Ansley	0.30	1.50	3.46	2.93	1.45	8.08	*0.66	2.35	4.10	2.32	0.52	0.29	27.96
Arapahoe	0.25	0.50	2.40	3.20	0.79	1.81	0.60	4.63	3.33	0.54	0.48	0.10	18.63
Arborville	0.15	0.70	2.42	2.46	1.89	3.16	0.94	4.39	7.02	2.61	0.70	0.20	26.55
Arcadia	0.10	1.20	3.30	2.20	1.10	5.95	4.50	3.89	7.79	2.10	0.60	0.76	33.31
Arlington	0.18	0.50	2.02	1.37	2.39	5.75	2.92	0.78	8.05	2.18	1.37	.....	.....
*Ashland [1]	0.13	0.42	1.56	1.62	2.89	3.20	5.63	1.12	5.29	2.16	0.71	0.28	25.01
Ashland [2]	0.31	0.58	1.85	1.27	3.15	4.02	6.24	1.01	.....	2.09	0.70	0.65	.....
Ashton	0.10	0.65	2.88	2.61	1.50	3.62	1.05	1.25	6.72	3.78	1.04	0.18	25.38
Auburn	0.61	1.69	1.90	2.49	2.82	5.18	2.42	2.11	2.29	2.88	1.55	0.71	26.56
Aurora	0.10	0.82	2.18	2.02	0.70	2.16	1.79	4.89	7.28	2.86	0.84	0.29	25.82
Bartley	0.10	0.25	1.30	3.27	0.67	1.96	1.08	4.59	8.40	0.77	0.28	0.26	22.93
Beatrice	1.80	0.75	2.18	2.29	3.01	2.93	4.02	3.25	1.75	3.66	0.83	0.32	26.29
Beaver	0.20	0.67	2.46	3.52	0.77	0.95	1.30	4.96	3.57	0.89	0.41	0.11	19.81
Bellevue	0.26	0.80	2.27	1.41	2.40	5.20	2.26	1.07	4.35	2.01	0.62	0.72	23.37
Benedict	0.55	0.70	3.18	2.23	2.97	2.71	1.69	2.78	7.46	2.00	0.87	0.29	27.43
Benkelman	0.10	0.40	4.25	3.05	1.25	6.27	.....	4.95	8.70	0.46	0.15	0.80	.....
Blair	0.12	0.39	1.97	1.37	1.58	6.95	1.83	0.95	7.41	2.64	1.26	0.76	27.23
Bluehill	0.20	0.35	1.72	2.30	1.30	2.91	1.84	1.42	4.58	1.86	0.60	0.07	19.15
Bradshaw	0.26	1.05	2.57	3.17	1.79	3.24	2.01	3.86	9.61	1.93	1.03	0.14	30.66
Broken Bow	0.10	0.50	1.88	2.45	1.71	9.26	1.15	1.03	4.83	1.60	0.75	0.10	25.36
Burchard	0.15	0.50	1.35	1.15	2.12	2.05	4.45	2.10	3.30	4.78	0.90	.....	.....
Burwell	0.10	1.15	1.81	2.89	1.78	8.63	0.87	2.05	9.08	1.76	0.73	0.96	31.80
Callaway	0.17	1.01	3.13	3.35	2.15	8.30	1.33	3.85	6.65	1.90	1.15	0.67	33.66
Camp Clarke	T.	1.20	1.25	3.54	2.63	2.06	1.31	2.21	2.70	0.32	T.	1.18	18.40
Central City	0.50	1.00	2.40	3.10	0.25	1.75	3.40	2.62	5.68	3.02	1.37	.....	.....
Chester	1.11	0.81	1.33	2.43	2.06	3.70	1.90	2.16	3.21	1.96	1.26	0.13	23.06
Cody	T.	1.20	1.20	1.40	1.50	4.50	0.70	1.00	.....	0.70	0.00	0.70	.....
*Columbus	0.12	0.64	0.83	1.66	1.74	3.34	1.33	0.60	6.03	1.64	0.78	0.42	19.13
Crete	0.09	0.65	1.53	2.25	1.53	2.88	4.46	2.68	4.82	2.62	0.26	0.26	24.03
Culbertson	0.20	0.35	3.23	2.26	0.63	1.90	0.25	2.71	4.13	0.45	0.31	0.41	16.83
Curtis	0.00	0.80	4.27	2.64	1.11	5.37	0.20	2.61	4.44	0.60	0.35	0.20	21.99
Dannebrog	.....	.....	.....	.....	1.24	5.68	1.79	2.13	4.86	1.88	1.05	.....	.....
David City	0.55	1.20	3.10	2.10	2.40	4.25	2.90	1.65	5.20	1.20	T.	1.20	25.75
Dawson	0.55	0.81	2.08	1.46	5.29	2.46	1.22	2.52	2.31	3.89	1.08	0.53	24.20
Eden	0.45	1.16	2.27	2.48	3.68	1.73	2.81	2.44	2.97	3.08	1.10	0.70	24.81
Edgar	0.20	0.80	0.79	1.50	3.13	1.30	6.06	1.31	3.12	1.22	0.50	T.	19.98
Ericson	0.10	0.90	1.63	1.64	1.34	5.06	0.22	0.97	6.53	2.92	1.00	0.48	22.79
Ewing	0.10	1.12	1.77	1.79	3.82	6.01	0.69	0.75	8.28	2.04	0.85	0.65	27.87
*Fairbury	0.81	0.64	1.22	2.08	2.09	3.08	3.89	2.91	2.87	2.37	0.20	0.15	22.31
Fairfield	0.50	0.80	2.45	1.95	0.93	0.97	2.88	.....	.....	.....	.....	.....	.....
*Fairmont	0.31	0.80	2.90	1.66	2.49	1.60	7.19	2.83	5.08	2.35	0.46	0.20	27.87
Fort Robinson	0.10	1.16	1.40	2.50	2.82	4.66	1.52	1.16	1.44	2.11	0.05	0.89	19.81
Franklin	0.40	1.00	1.58	2.76	1.56	[1]1.02	2.12	2.01	4.70	1.15	0.45	.....	.....
Fremont	0.40	0.80	2.41	1.17	2.75	5.50	2.11	1.14	7.59	1.79	0.75	0.90	27.31
Fullerton	.....	.....	2.17	2.26	0.50	3.86	0.90	3.31	.....	.....	1.10	0.45	.....
Geneva	0.23	0.41	1.45	2.02	2.55	1.62	4.77	2.41	3.11	3.82	0.11	0.21	22.71
Genoa	0.05	0.58	1.05	2.64	1.68	4.85	0.50	0.61	7.65	2.89	1.80	0.70	24.50

[1] Corn and wheat region observer.

[2] Agent B. and M. Railroad.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Nebraska—Continued.													
Gering	T.	0.75	0.76	2.31	1.76	4.01	1.20	1.64	2.82	0.98	T.	1.54	17.26
Gordon	0.00	0.40	0.90	1.30	4.00	4.50	2.80	1.00	0.25	2.50	0.00	0.60	18.25
Gosper	0.20	0.80	2.46	4.25	0.68	1.97	0.78	5.16	4.78	1.32	0.50	0.08	22.98
Gothenburg	0.40	0.90	2.70	4.31	.....	7.57	0.40	3.58	5.50	0.84	0.58	0.25	.....
Grand Island[1]	0.20	0.58	2.03	.....	1.18	3.08	1.85	2.44	6.84	2.14	0.70	0.21	.....
Grand Island[2]	0.17	0.98	2.77	3.13	1.04	2.88	1.62	2.73	8.35	2.23	1.00	0.29	27.19
Grand Island[3]	.....	.....	.....	.....	0.70	3.21	0.74	3.08	7.06	1.87	0.97	.....	.....
Greeley	T.	0.80	1.05	2.05	1.00	3.35	0.20	1.29	5.58	1.90	0.90	0.27	18.39
Guiderock	0.60	1.25	2.30	1.87	0.70	1.77	1.38	2.21	3.92	1.22	0.33	0.02	17.57
Haigler	0.05	0.30	1.55	3.55	0.25	1.71	1.66	5.69	1.80	T.	0.00	0.50	17.06
*Hartington	0.30	1.30	2.18	1.95	2.96	5.05	0.56	2.35	10.97	1.95	1.07	1.50	32.14
Harvard	0.21	0.70	1.68	1.85	0.94	1.25	1.84	2.13	4.80	1.63	0.71	0.17	17.91
Hastings	0.06	0.60	0.95	3.47	1.25	2.49	3.25	1.33	6.87	1.60	0.78	0.28	22.88
Hayes Center	0.10	0.80	2.35	3.04	0.75	3.80	0.58	3.35	3.42	0.59	0.00	0.35	19.13
Hay Springs	[4]T.	0.92	2.09	2.90	3.90	5.13	1.66	3.30	0.85	3.04	T.	0.98	24.86
Hebron	0.61	0.74	1.47	1.70	1.61	2.89	2.59	2.30	2.74	2.25	0.13	0.19	19.22
Hickman	0.25	0.37	1.60	1.50	3.00	3.75	4.65	1.50	3.11	2.70	0.45	0.45	23.53
Holbrook	.....	.....	.....	3.34	0.40	1.80	0.15	3.20	3.22	0.50	0.40	0.25	.....
Holdrege	0.20	0.70	4.25	6.01	0.65	0.85	0.50	3.25	4.21	0.75	0.70	0.30	22.37
Hooper	0.13	0.36	1.45	1.02	2.29	5.10	3.75	2.35	6.77	1.60	0.62	0.73	26.17
Imperial	T.	0.34	2.43	4.42	1.26	3.57	1.50	2.76	1.83	1.00	T.	0.85	19.96
Johnstown	0.04	1.32	1.76	2.10	2.58	8.36	0.28	1.63	4.46	1.52	0.06	0.85	24.96
Kearney	0.10	0.32	2.15	4.00	1.64	3.15	2.05	4.17	6.32	1.30	0.82	0.10	26.12
Kennedy	T.	1.15	1.45	2.94	1.57	10.45	0.39	2.80	6.99	.....	.....	.....	.....
Kimball	T.	1.43	1.90	2.40	1.17	4.29	2.04	0.72	1.38	0.63	0.05	1.55	17.56
Kirkwood	0.17	0.95	1.02	2.54	0.98	11.20	0.97	2.24	6.68	2.00	0.59	1.17	30.51
Laclede	0.09	0.87	2.46	2.35	1.15	2.32	1.72	1.71	7.50	2.56	1.70	0.39	24.82
Lena	0.04	1.15	2.61	3.31	3.08	2.65	1.16	.....	.....	.....	.....	.....	.....
Lexington	0.20	1.00	3.53	3.14	1.18	7.27	0.87	2.99	5.64	1.55	0.41	0.65	28.43
*Lincoln	0.22	0.79	1.73	1.46	1.96	1.42	2.94	1.02	6.00	3.62	0.41	0.52	22.09
Lodgepole	T.	0.80	2.80	2.50	3.50	3.70	0.75	3.00	1.25	0.25	T.	1.10	19.65
Loup	0.25	0.55	2.49	2.45	1.49	6.47	1.54	2.54	7.67	3.96	0.95	0.31	30.67
Lynch	0.13	0.60	0.97	1.33	2.16	10.64	2.01	3.21	4.86	0.90	0.41	0.60	27.82
Lyons	0.58	1.03	.....	.....	.....	6.24	1.32	1.19	6.07	1.80	1.20	0.80	.....
McCook	0.20	0.40	1.75	2.60	0.13	4.27	0.40	4.56	4.53	0.60	0.31	0.25	20.00
McCool	.....	.....	2.10	1.58	.....	.....	4.81	3.96	4.62	3.02	.....	T.	.....
Madison	0.20	0.65	1.80	1.86	3.00	5.55	.....	0.71	5.71	2.41	1.24	1.09	.....
Madrid	0.20	0.70	1.90	2.80	2.18	4.38	0.31	2.14	1.07	0.26	0.00	0.30	16.24
Marquette	0.25	0.80	2.50	2.45	0.84	2.32	2.39	1.00	5.89	2.53	1.08	0.36	22.41
Mason City	0.20	1.00	3.15	3.48	1.30	7.33	1.00	3.09	5.59	2.04	0.46	0.45	29.09
Merriman	.....	1.15	0.85	.....	1.30	.....	.....	.....	.....	.....	.....	.....	.....
Minden	0.34	1.68	2.51	3.61	0.83	3.80	1.37	3.22	7.67	1.34	0.79	0.18	27.34
Monroe	0.17	0.43	1.32	2.16	1.20	4.43	0.58	0.84	6.89	2.09	0.99	0.46	21.56
Nebraska City[1]	0.40	0.90	2.10	2.40	2.95	5.85	2.67	2.54	4.10	5.80	.....	.....	.....
Nebraska City[4]	0.55	0.50	1.91	1.77	2.67	3.96	2.35	2.35	5.08	.....	0.70	0.60	.....
Nemaha	0.20	1.15	1.94	2.60	3.75	2.12	1.52	2.30	2.10	2.05	0.82	0.52	21.67
Nesbit	0.03	1.05	1.64	3.14	1.96	6.01	0.83	4.00	3.11	0.75	0.16	0.20	22.88
Norfolk	0.05	0.25	1.49	1.71	3.02	8.10	0.67	0.86	8.52	2.05	1.27	0.59	29.18
North Loup	0.05	1.05	2.18	2.68	2.32	4.79	1.86	1.64	5.84	2.76	1.07	0.36	26.60
*North Platte	0.04	0.44	1.53	2.53	1.83	3.69	0.34	2.00	3.14	0.41	0.30	0.19	16.44
*Oakdale	0.09	0.33	1.29	2.24	2.86	7.34	1.02	0.80	6.83	1.78	1.05	0.63	26.26
Odell	0.57	0.70	1.55	2.13	1.96	2.25	2.27	2.57	2.38	3.57	0.75	0.20	20.90
*Omaha	0.31	0.66	2.07	0.89	2.13	6.31	2.98	0.65	6.83	1.96	0.56	0.73	25.08
*O'Neill	0.06	1.10	1.45	2.23	1.49	9.68	0.05	1.22	7.51	1.72	0.90	0.91	28.32
Ord	0.09	0.81	2.29	3.03	2.30	5.52	1.76	1.31	5.92	2.61	0.88	0.55	27.07
Osceola	T.	0.80	1.75	2.15	0.00	3.05	2.36	0.95	6.56	0.86	0.60	.....	.....
Ough	0.05	0.45	2.00	3.00	0.20	3.33	1.35	5.19	1.84	1.20	.....	.....	.....
Palmer	0.10	0.70	1.90	2.35	0.52	2.62	1.50	1.50	7.11	2.77	0.70	0.35	22.12
Palmyra	0.36	0.57	2.38	1.86	1.51	2.29	2.71	1.60	3.73	2.83	0.70	0.41	20.95
*Plattsmouth[5]	.....	0.75	2.99	1.45	2.13	4.44	3.22	.....	.....	.....	.....	.....	.....
Plattsmouth[1]	.....	0.75	2.84	0.94	2.27	4.07	3.22	1.57	.....	1.82	0.80	0.64	.....
Pleasanthill	0.32	0.62	1.19	0.40	2.15	2.18	3.99	5.29	3.92	2.90	.....	.....	.....
Ravenna[6]	0.25	0.90	3.42	2.71	1.39	3.63	2.37	2.88	6.76	1.67	0.84	0.33	27.15
Ravenna[4]	0.28	1.30	2.92	2.68	1.17	3.59	2.02	2.71	7.28	1.41	0.85	0.15	26.36
Redcloud	0.49	0.90	2.48	2.14	1.25	4.41	2.30	3.68	4.28	1.60	0.09	0.15	23.77
Republican	0.30	0.30	1.76	3.81	0.65	1.80	0.20	2.91	6.74	1.45	.....	0.10	.....
Rulo	.....	.....	.....	.....	5.20	3.00	.....	2.95	2.21	1.25	1.00	0.55	.....
St. Libory	0.10	0.80	2.37	2.71	1.35	4.51	2.70	1.34	5.98	1.91	0.98	0.27	24.97
St. Paul	0.13	0.85	2.14	2.54	0.86	4.17	0.84	1.14	5.71	2.45	1.04	0.23	22.10
Salem	0.40	1.20	1.90	2.76	4.05	2.69	1.22	2.56	2.81	1.42	0.65	0.67	22.32
Santee	0.08	0.61	0.62	1.77	2.19	9.09	0.52	2.44	7.04	1.66	0.82	1.13	27.97
Schuyler	0.40	1.00	1.28	1.85	1.54	4.91	3.45	0.65	5.51	1.50	0.70	0.52	23.31
Seneca	0.05	0.70	0.65	0.57	0.15	0.65	0.52	.....	1.16	.....	0.00	0.50	.....
Seward	0.42	0.80	2.88	2.78	1.34	2.08	4.42	1.98	8.22	1.86	0.48	0.17	27.38
Smithfield	0.00	1.50	2.86	.....	1.20	2.84	0.65	3.14	4.88	0.86	0.40	0.10	.....
Spragg	T.	0.68	0.80	3.12	1.79	8.70	1.86	2.27	6.45	1.37	0.31	0.99	27.84
Springview	0.10	1.10	1.19	2.56	1.69	8.84	0.92	2.72	5.21	1.72	T.	0.90	26.95
Stanton	0.80	0.50	1.71	1.32	3.45	8.95	.....	0.71	5.31	1.94	1.54	0.81	.....
State Farm	0.24	0.95	1.59	1.63	2.10	1.59	2.91	0.91	6.36	3.20	0.42	0.55	22.45
Strang	0.25	1.00	1.10	1.72	1.27	1.34	4.91	1.90	3.87	4.04	0.18	0.07	21.65
Stratton	0.20	0.90	4.46	3.00	0.76	4.45	2.15	4.02	3.05	0.57	0.66	0.73	24.95
Superior	1.00	0.80	1.75	2.95	0.75	2.10	2.20	1.35	1.95	1.45	0.18	0.16	16.64
Syracuse	0.50	0.95	2.09	1.74	2.48	3.85	1.92	3.40	3.25	3.31	0.55	0.70	24.74
Tablerock	0.52	1.48	2.85	3.15	2.86	1.94	3.67	2.42	2.85	3.74	0.72	0.40	26.60
*Tecumseh[7]	0.70	0.50	1.30	1.66	2.72	2.70	2.75	4.27	1.15	2.05	0.78	.....	.....
Tecumseh[8]	0.75	0.65	1.89	2.27	2.95	3.56	2.88	4.59	1.60	2.54	0.84	0.54	25.06
*Tekamah	0.45	0.77	2.55	1.43	1.54	7.09	2.39	0.76	10.16	1.54	0.88	2.04	32.20
Turlington	0.87	1.18	2.34	1.76	2.61	3.71	2.07	2.29	2.51	3.23	0.63	0.70	23.40

[1] Agent B. and M. Railroad.
[2] E. Corbin.
[3] American Beet Sugar Company.
[4] R. Morton.
[5] River observer.
[6] E. Smith.
[7] Corn and wheat region observer.
[8] L. E. Pratt.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Nebraska—Continued.													
*Valentine	0.04	1.19	1.70	1.46	0.90	7.85	2.38	2.49	4.06	1.79	0.05	0.93	24.84
Wakefield	0.23	0.76	1.53	1.38	2.71	5.53	0.94	1.69	8.60	2.31	1.15	0.71	27.54
Wallace	0.04	0.35	2.25	1.45	1.61	4.33	0.00	0.54	2.45	0.00	0.00	0.30	13.32
Wauneta	0.10	0.80	2.25	3.42	0.10	3.66	1.20	7.19	2.30	1.20	0.00	0.70	22.92
Weeping Water	0.49	1.13	2.82	1.59	1.79	2.80	2.49	3.38	5.22	2.07	0.56	0.77	25.06
Westpoint	0.20	0.43	1.95	1.43	2.70	9.06	0.85	2.19	4.85	1.16	0.96	0.84	26.62
Whitman	0.00	0.90	0.40	1.30	0.85	1.68	2.15	1.85	1.50	0.66	T.	0.60	11.89
Wilber	0.15	0.85	1.20	1.63	2.15	1.67	2.11	3.40	2.50	2.80	0.40	0.10	18.96
Willard	0.04	1.09	1.01	2.55	1.10	3.73	0.58	1.58	2.98	1.10	0.42	0.20	16.38
Wilsonville	0.36	0.70	3.87	3.35	0.63	1.90	0.76	3.44	3.92	0.72	0.66	0.32	20.63
Winnebago	0.20	0.50	2.35	1.66	2.55	3.54	1.67	3.45	5.83	2.13	0.62	0.65	25.15
Wisner	0.73	0.40	1.66	1.51	3.01	6.32	1.39	1.76	7.22	2.74	1.14	0.75	28.13
Wymore	0.42	0.65	0.92	2.29	2.29	3.12	3.00	3.02	2.17	3.62	0.80	0.30	22.60
York	0.24	1.40	1.59	3.80	2.98	2.20	5.55	4.85	8.19	1.35	0.20	.....	.....
Nevada.													
Amos	.....	.....	0.26	0.60	0.19	0.12	.....	0.24	0.19	.....	0.11	0.59	.....
Austin	1.24	4.14	0.49	0.15	2.02	0.05	0.51	1.84	0.22	1.79	0.88	0.40	13.73
Battle Mountain	0.70	3.70	0.00	0.86	0.00	0.00	0.00	0.13	0.68	0.25	0.45	0.60	7.37
Belmont	0.96	2.38	0.06	0.38	0.62	0.10	0.36	2.74	0.08	1.31	0.07	0.16	9.22
Beowawe	0.52	3.05	0.13	0.25	0.60	0.00	T.	0.30	0.00	1.05	0.50	1.50	7.90
Candelaria	0.12	.....	0.34	.....	.....	T.	0.10	[c]1.09	0.00	1.07	0.15	T.	.....
Carlin	1.30	1.90	0.50	0.50	0.00	0.00	0.80	0.20	0.00	0.00	0.25	.....	.....
*Carson City	2.14	2.32	0.42	0.69	1.61	0.23	0.02	0.38	0.40	0.73	0.87	0.86	10.67
Carson City[1]	2.08	2.93	0.61	0.92	1.68	0.17	T.	0.44	0.47	0.72	1.07	1.23	12.27
Cranes Ranch	1.21	2.40	0.69	0.13	1.19	0.20	0.23	1.66	0.45	0.89	0.76	1.57	11.38
Elko (near)	1.05	5.50	0.34	0.33	0.45	T.	0.50	2.05	T.	1.45	0.80	2.39	14.86
Ely	1.10	1.40	0.60	1.20	0.85	0.36	0.86	2.44	0.50	1.53	0.45	0.72	11.51
Fenelon	0.35	1.10	0.90	0.50	0.20	T.	T.	.....	0.10	.....	0.05	0.30	.....
Glenbrook	.....	5.10	1.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Golconda	1.00	0.43	T.	0.85	0.81	0.22	0.00	0.37	.....	0.01	T.	1.14	.....
Halleck	1.50	1.90	0.10	0.20	T.	0.35	0.00	0.12	0.25	0.00	0.01	1.10	5.53
Hamilton	1.11	2.58	0.70	0.86	1.20	0.70	[f]T.	1.74	1.20	1.19	T.	0.95	12.23
Hawthorne	0.58	0.45	0.05	0.52	0.39	0.00	0.10	0.00	0.00	0.00	0.31	0.20	2.60
Hot Springs	T.	0.43	T.	T.	T.	0.00	0.00	1.00	T.	.....	T.	T.	.....
Humboldt	1.02	2.90	0.00	0.41	0.36	0.00	0.00	0.90	0.40	1.70	0.40	0.15	8.24
Lee	2.11	4.49	2.52	0.87	2.01	0.62	0.58	2.32	0.60	2.07	0.96	2.30	21.45
Lewers Ranch	6.33	7.93	4.96	2.20	3.71	0.49	T.	0.75	1.38	2.22	3.30	3.97	34.24
Lovelocks[2]	0.90	1.40	0.00	0.46	0.56	0.00	0.00	0.45	0.12	1.10	1.05	.....	.....
Lovelocks[3]	.....	.....	.....	.....	.....	0.00	0.00	0.44	.....	1.39	1.10	0.45	.....
Martins	1.95	.....	.....	[c]1.09	0.36	0.00	0.00	0.47	0.29	0.66	1.09	0.39	.....
Mill City	0.40	3.73	T.	.....	0.27	0.00	.....	1.20	0.40	0.75	0.50	0.52	.....
Monitor Mill	0.33	1.11	0.33	0.33	0.70	0.37	1.00	.....	.....	1.28	.....	0.33	.....
Owyhee	1.00	1.89	0.93	0.63	1.45	0.55	0.50	0.78	0.24	2.19	0.32	1.20	11.68
Palisade	0.65	2.46	0.39	0.50	0.20	0.00	0.32	0.21	T.	0.05	0.54	0.80	6.12
Palmetto	1.35	5.55	1.40	0.85	3.79	0.25	1.19	7.79	0.03	1.87	0.10	T.	24.32
Potts	0.56	0.35	0.56	0.06	0.43	0.05	0.76	2.88	0.75	0.61	.....	.....	.....
Reno State University	2.48	3.24	0.39	0.32	1.60	T.	T.	1.60	0.09	0.51	0.68	0.45	11.36
Silverpeak	.....	.....	.....	.....	0.04	.....	.....	.....	.....	.....	T.	0.00	.....
Sodaville	.....	0.69	0.20	1.12	0.88	0.00	T.	.....	0.00	0.24	0.12	0.10	.....
Tecoma	0.20	0.90	0.50	0.60	T.	0.00	0.00	0.50	T.	2.00	T.	0.50	5.20
Toano	.....	1.35	0.50	0.00	1.85	0.07	T.	1.52	0.07	1.42	0.08	1.12	.....
Tybo	1.80	4.00	0.20	0.40	0.40	0.10	0.25	4.50	0.15	1.70	0.25	0.15	13.90
Verdi	3.10	5.40	0.60	0.60	0.50	T.	0.00	0.50	0.10	0.75	0.15	0.10	11.80
Wadsworth	0.51	1.18	0.00	0.30	0.76	0.10	0.00	1.92	0.00	0.40	0.33	0.30	5.80
Wells	1.20	3.70	1.10	0.50	0.30	T.	0.00	0.00	T.	0.91	T.	0.92	8.63
*Winnemucca	1.31	1.87	0.16	0.78	0.73	0.05	T.	1.16	0.19	1.28	0.33	0.87	8.73
Wood	1.51	3.14	1.79	0.27	0.73	0.66	0.06	1.02	.....	1.21	0.60	2.45	.....
New Hampshire.													
Alstead	1.88	0.47	4.64	5.07	5.81	1.78	5.68	6.31	3.34	2.92	1.21	7.26	45.37
Berlin Mills	1.98	0.91	3.24	5.94	4.12	2.75	3.95	2.84	2.08	3.10	1.89	5.01	37.81
Bethlehem	1.90	1.50	3.80	3.08	3.50	4.34	4.94	3.10	2.79	3.83	2.41	4.66	39.85
Brookline	1.56	0.60	5.73	9.41	6.34	2.21	4.46	5.12	2.50	4.07	1.47	6.05	49.52
Chatham	.....	.....	.....	.....	8.63	3.16	4.39	5.33	1.80	3.35	0.48	8.40	.....
Claremont	1.48	0.30	5.10	3.91	5.49	0.39	1.24	.....	.....	.....	.....	.....	.....
Concord	1.39	0.47	4.05	6.87	6.09	1.87	4.51	6.68	3.08	3.61	1.34	7.20	47.16
Durham	1.82	0.79	5.38	7.94	4.27	0.35	3.10	1.08	3.33	3.21	1.58	7.62	40.52
Franklin Falls	.....	.....	.....	.....	.....	.....	4.04	4.56	3.27	4.07	1.33	7.05	.....
Grafton	1.80	0.60	3.62	5.75	8.57	1.33	5.30	4.36	4.26	2.92	2.20	6.63	47.34
Hanover	1.78	0.39	3.71	3.35	5.71	1.44	5.13	3.28	3.53	1.77	1.35	3.44	34.88
Keene	1.69	0.69	4.61	3.77	5.48	1.95	5.65	6.37	3.31	4.36	1.79	6.70	46.28
Littleton	1.98	1.39	3.68	2.42	3.86	3.21	5.75	2.69	1.73	2.98	1.91	4.51	36.11
Nashua	2.02	0.91	4.42	8.02	6.05	1.66	2.91	3.30	2.02	3.13	1.70	7.61	43.75
Newton	1.33	0.58	5.43	9.40	6.31	1.39	3.25	2.99	4.06	2.90	2.80	7.29	47.73
Peterboro	2.10	1.01	5.07	9.35	5.65	1.16	4.20	6.36	2.86	3.74	1.98	7.94	50.92
Plymouth	1.52	0.42	4.30	4.48	5.94	1.75	6.79	4.37	2.42	1.37	1.77	6.20	41.33
Sanbornton	1.52	0.60	3.00	3.36	6.27	1.96	4.81	4.85	3.17	3.82	1.53	5.93	40.82
Stratford	2.34	0.88	3.21	2.42	3.62	4.33	4.40	3.20	2.74	2.47	1.93	4.42	35.96
New Jersey.													
Asbury Park	2.56	1.27	4.20	7.09	6.89	1.49	4.38	6.42	4.47	1.56	1.98	6.66	48.97
*Atlantic City	3.16	0.94	3.31	3.46	5.11	0.98	1.89	5.88	2.38	1.18	2.09	6.00	36.33
Bayonne	2.24	0.72	5.17	5.88	6.74	0.89	5.20	8.95	1.99	1.93	1.36	6.91	47.98
Belvidere	2.08	0.98	5.31	4.15	5.24	1.84	3.66	8.58	2.66	1.57	1.75	7.31	45.13
Bergen Point	2.07	0.84	6.34	8.28	7.68	1.08	6.33	9.63	2.17	2.08	1.84	7.43	55.77
Beverly	2.96	0.97	4.14	5.31	5.45	1.91	7.39	11.70	3.72	1.66	3.69	8.06	56.96
Billingsport	2.95	1.02	3.75	6.67	.....	1.40	.....	.....	.....	.....	.....	.....	.....
Blairstown	.....	.....	4.45	4.36	6.52	1.81	4.37	15.80	5.08	1.58	1.50	.....	.....
Bridgeton	3.43	0.93	3.51	6.77	3.23	1.49	5.13	7.93	4.70	1.80	2.85	6.94	48.71
Camden	3.27	0.80	3.36	5.54	5.01	.....	.....	11.62	4.94	1.58	3.34	9.11	.....

[1] Prof. C. W. Friend. [2] Southern Pacific Railroad Company. [3] Hon. W. C. Pitt.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New Jersey—Continued.													
*Cape May	3.42	0.85	3.45	5.42	4.62	2.01	3.26	6.32	2.88	0.87	2.32	4.87	40.29
Cape May court-house	3.34	0.93	3.54	4.75	4.01	2.09	3.27	5.37	3.75	0.96	2.58	5.32	39.91
Charlotteburg	1.96	0.80	8.07	10.22	6.57	2.89	7.32	12.11	3.94	1.66	1.83	9.45	66.82
Chester	2.40	1.07	5.56	7.92	5.19	3.07	9.00	11.60	3.37	3.15	2.10	8.18	62.61
Clayton	2.73	0.84	3.21	5.38	3.57	1.31	3.57	15.62	5.58	2.46	2.76	6.28	53.31
College Farm	2.11	0.76	5.19	7.39	5.01	0.81	9.12	8.90	1.86	1.89	2.21	7.30	52.55
Dover	1.82	1.00	5.80	7.53	6.09	1.99	10.92	12.87	4.02	2.07	1.84	7.32	63.27
Egg Harbor City	3.11	1.14	3.42	5.64	4.93	1.62	3.67	6.54	6.20	1.75	3.56	7.98	49.56
Elizabeth	2.58	0.91	5.82	8.27	6.92	0.73	6.36	9.82	2.67	2.43	1.97	8.20	56.68
Englewood						1.11	4.74	10.37		2.39	1.79	6.71	
Flemington	2.36	0.92	5.59	5.57	6.29	0.97	7.04	8.06	3.65	1.58	1.79	7.60	51.42
Freehold	2.47	1.00	6.23	7.07	5.92	2.05	‡6.11	9.36	3.29	2.65	2.64	6.81	55.60
Friesburg	3.13	1.00	2.85	5.23	3.10	1.18	5.51	10.78	3.01	2.52	2.77	6.56	47.64
Hammonton	2.88	0.90	3.60	5.85									
Hanover		0.80	5.46	7.91	6.17	1.84	6.71	11.69	2.30	2.45	1.67	7.56	
Hightstown	2.00	1.51	4.24	6.29	5.09	1.21	8.09	9.72	3.76	2.20	3.05	7.03	54.79
Imlaystown	2.55	1.18	3.55	5.82	5.31	1.74	3.38	9.57	3.80	2.07	3.31	6.60	48.88
Indian Mills					5.77	1.55	5.05	10.25	4.92	1.59	3.79	7.04	
Lakewood							3.81	11.38	3.11	1.69	2.17	7.46	
Lambertville	3.53	0.99	6.00	5.73	5.99	1.09	5.33	9.22	3.60	1.43	1.96	7.19	52.06
Layton	1.35	0.79	5.65	5.72	5.56	1.54	7.44	6.26	3.68	1.35	1.94	8.56	49.84
Moorestown	2.83	0.84	4.35	5.91	5.78	2.21	5.53	10.37	3.21	2.50	4.23	8.18	55.94
Mount Pleasant	3.27	0.80	2.40	4.97	6.26	2.08	3.84	8.62	3.60	1.18	3.13	7.31	47.36
Newark	1.67	0.69	4.70	6.56	5.95	1.07	4.89	11.94	1.63	2.14	1.70	7.58	50.43
New Brunswick	2.52	0.98	5.37	7.76	5.02	0.85	8.33	9.49	2.28	1.69	2.16	7.85	54.30
New Egypt					5.38	1.79	3.79	8.81	2.51	1.95	2.20	5.35	
Newton	1.81	0.78	4.71	5.59	5.24	2.19	8.90	8.36	4.95	1.85	2.17	7.52	54.07
Ocean City	4.00	1.02	3.87										
Oceanic	2.85	1.05	4.93		6.77	1.09	8.27	4.88	3.28	1.94	2.43	7.26	
Paterson	2.21	0.92	6.13	6.69	7.34	1.91	9.86	10.62	2.48	3.19	1.58	8.24	61.17
Perth Amboy	2.40	1.02	4.61	7.59	5.76	1.08	8.41	10.13	5.46	2.06	1.80	6.77	51.09
Piscatawaytown	2.07	0.92	4.87	8.55	5.33	0.85	7.63	9.35	2.22	1.91	2.05	7.37	53.12
Plainfield	1.95	0.79	5.20	8.22	5.16	1.16	5.96	10.10	3.47	1.70	2.17	7.39	53.27
Rancocas	2.73	0.78	3.95	4.55	5.63	2.19	5.39	12.13	3.02	2.02	3.22	7.90	53.42
Rivervale	3.10	0.70	6.12	5.80	8.13	1.49	6.57	7.04	2.90	4.46	2.62	6.90	55.82
Roseland	1.86	0.77	5.17	8.26	6.29	1.64	8.05	10.37	1.92	1.93	1.64	7.71	55.61
Salem	2.80	1.14	2.76	6.13	3.23	2.08	5.17	10.99	2.95	2.30	2.93	8.19	50.67
Somerville	2.38	0.90	5.42	7.90	5.46	1.14	6.15	7.40	2.18	1.73	2.12	7.75	50.23
South Orange	1.95	0.78	3.92	7.34	6.12	1.34	5.68	12.80	1.91	2.08	1.18	7.57	52.67
Sussex[1]	1.58	0.85	5.17	6.05	4.95	1.56	6.82	8.42	3.77	2.81	2.60	6.94	51.52
Three Bridges			5.47	7.11	6.29	1.01	6.79	6.92	3.23	1.25	2.16	8.23	
Toms River	3.00	1.65	3.91	7.24	7.03	4.36	4.83	8.62		1.80	2.13	8.46	
Trenton	1.97	1.06	4.76	5.21	5.41	1.22	6.60	10.13	4.13	1.44	2.72	7.54	52.19
Tuckerton	3.44	1.22	4.61	5.86	6.62	1.37	4.27	7.75	3.83	1.53	3.70	8.37	52.57
Vineland	2.82	0.81	3.16	5.70	4.76	2.29	4.55	9.70	2.43	1.71	2.82	6.60	47.35
Woodbine	3.32	0.88	3.35	5.86	6.20	1.71	2.13	8.34	6.82	1.31	2.55	6.55	49.02
Woodstown				4.92	3.17	1.29	4.81	11.19	3.39	1.89	2.70	7.36	
New Mexico.													
Alamagordo				0.41	0.22	0.38	1.47	1.14	1.18	2.59	2.13	0.10	
Albert	0.23	0.44	0.25	2.24	5.14	0.79	3.21	5.00	1.83	1.03	1.80	0.05	22.01
Albuquerque	0.65	0.69	0.15	0.30	0.55	0.30	1.46	1.85	1.31	2.00	1.03	T.	10.19
Alma	1.46	1.02	0.92	0.10	1.75	0.00	4.87	2.03	1.75	1.68	0.68	0.13	16.39
Aztec	1.16				0.79	T.	‖0.09	‖1.16	0.14	0.67	0.48	0.40	
Bellranch	0.48	0.81	0.40	1.68	3.99	0.40	4.83	1.65	0.86	0.78	2.61	T.	18.49
Bernalillo	0.93	0.36	0.40	0.17	0.66								
Bluewater	T.	1.90	0.40	0.10	0.90	0.50	2.50	0.80	0.55	0.40	0.80	0.20	9.05
Cambray	0.31	0.59	0.08	0.10	0.05	0.35	2.02	0.19	0.37	2.95	0.70	0.00	7.71
Carlsbad							2.86	1.35	1.11	2.94	0.22	0.20	
Deming	0.40	1.87	0.11	T.	T.	T.	0.98	0.90	0.05	0.75	0.31	T.	5.37
Dolores						0.69	3.06						
East Lasvegas	0.27	0.70	0.14	1.17	5.55	0.19	3.70	4.95	2.00	1.40	1.78	0.30	22.15
Engle	0.04	1.07	0.35	T.	T.	0.25	2.47	1.07	T.	2.17	1.07	0.00	8.49
Espanola	0.43	0.22	0.10	0.62	1.65	0.21	1.54	2.09					
Folsom	0.23	0.55	1.83	3.43	5.42	0.83	0.66	4.61	3.80	0.29	0.95	0.43	23.03
Fort Bayard	0.41	0.65	0.60	0.25	T.	T.	2.10	0.90	1.00	2.57	0.46	T.	8.94
Fort Stanton	0.10			0.90	0.64	1.34		1.85	2.00	1.76	2.85	0.95	
Fort Union	0.10	0.80	0.50	0.95	5.92	1.47	2.78	3.71	2.10	2.30	0.95	0.20	21.78
Fort Wingate	0.35	1.17	0.68	0.20	1.10	0.41	0.92	2.34	0.21	0.92	1.25	0.17	9.72
Gage	0.28	0.99	0.11	0.00	0.00	0.45	3.05	2.08	0.30	1.45	1.00	0.00	9.71
Gallisteo	0.20	0.45	1.50	0.20	2.80	0.10	1.55	3.70	2.60	1.85	1.08	0.00	16.09
Gallinas Spring	0.20	0.73	0.22	0.67	2.60	2.64	3.77	2.11	1.52	0.93	3.10	0.40	18.89
Hillsboro	0.36	2.18	0.12	0.10									
Horse Springs	0.17	0.58	0.20	0.18			3.27	3.75	0.35	2.98	1.60	0.10	
Las Vegas			0.14	1.44	4.75	0.87	4.24	4.57	2.33	1.46	1.50	0.19	
Las Vegas Hotsprings	0.56	0.85	0.34	0.45	1.44	1.70	5.42	7.45	2.94	1.35	1.03	0.17	23.70
Lordsburg	0.40	0.50	0.20		T.	0.00	2.30	0.95	0.00		0.76	T.	
Los Lunas	0.80	0.75	0.30	0.35	0.85	T.	3.36	1.80	3.60				
Lower Penasco				0.50	1.15	1.05	6.68	0.97	3.90			T.	
Lyons Ranch	1.38	2.19											
Mesilla Park	0.31	0.95	0.61	0.30	T.	1.08	2.23	1.35	1.25	2.85	0.98	0.05	11.96
Olio		0.75	T.		T.	T.	T.	0.65	T.				
Raton	0.60	0.80	1.15	0.86	1.85	0.10	2.20	1.80	0.50	0.00	0.00	0.55	10.41
Roswell	0.21	1.15	0.00	0.97	1.04	0.22	3.04	0.60	1.99	2.21	6.15	0.26	17.84
San Marcial	0.01	0.90	0.09	T.	0.00	0.02	0.02	0.01	0.10	0.10	0.01	T.	1.17
*Santa Fe	1.30	1.30	0.89	1.02	2.12	0.29	3.37	3.04	2.00	1.15	0.73	0.20	17.41
Socorro	T.	1.14	0.01	0.21	0.72	0.04	1.98	0.99	2.25	1.39	1.32	0.01	10.06
Springer	0.35	0.60	0.42	1.48	4.00	0.67	4.98	1.99	0.59	0.89	0.85	0.17	16.99
Strauss	0.75	1.20	1.00	0.25	0.00	0.26	4.11	3.10	1.44	3.15	1.10	0.00	16.36

[1] Name of station changed from Deckerton, July 1, 1901.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New Mexico—Continued.													
Whiteoaks	1.52	2.53	0.67	1.14	1.68	1.35	.....	.....	.....	.....	.....	.....	.....
Winsors	2.00	2.25	1.80	2.24	3.18	.....	.....	.....	.....	.....	0.85	0.15	.....
Woodbury	0.68	1.16	0.64	1.33	1.17	0.12	3.84	3.72	0.84	1.32	0.57	0.00	15.39
New York.													
Adams	2.61	4.52	3.87	6.11	4.71	4.60	4.36	5.79	4.29	4.71	5.30	6.30	57.17
Addison	1.23	0.71	3.06	5.82	4.94	2.14	2.01	6.22	2.55	0.93	2.00	4.86	36.47
Adirondack Lodge	.....	.....	.....	3.90	6.34	5.79	7.32	5.24	4.17	3.33	4.18	3.02	.....
Akron	2.32	2.74	2.97	5.89	4.85	3.43	4.00	4.30	3.89	1.44	2.86	4.63	43.32
*Albany	1.59	0.56	4.14	4.66	4.79	3.14	4.26	4.51	2.96	2.48	2.02	5.42	40.53
Alden	2.23	2.51	3.09	4.34	4.49	1.49	2.62	8.13	4.06	1.62	2.46	3.29	40.33
Alfred	1.22	0.81	1.24	7.17	5.88	.....	.....	.....	.....	1.14	2.38	4.32	.....
Angelica	2.62	2.04	2.95	5.29	5.23	3.69	3.34	4.87	3.11	1.15	2.88	4.77	41.94
Appleton	2.03	0.74	2.14	5.08	3.75	2.10	3.62	1.71	2.77	0.84	2.51	3.78	31.07
Arcade	.....	.....	.....	.....	4.53	3.68	2.96	.....	.....	.....	.....	.....	.....
Athens	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.82	6.45	.....
Atlanta	2.18	2.54	2.60	5.97	5.97	2.10	7.59	9.08	2.58	1.31	2.99	4.82	49.73
Atwell	.....	.....	.....	.....	5.57	8.06	6.34	3.86	3.59	.....	.....	.....	.....
Auburn	2.17	2.39	1.47	5.52	4.27	6.35	2.12	6.49	1.95	1.84	4.02	3.81	42.40
Avon	1.68	1.21	2.14	5.52	1.78	2.24	8.23	4.52	2.63	2.16	1.27	3.54	31.92
Axton	2.19	0.88	3.26	2.41	4.64	4.92	4.51	6.32	4.11	2.68	.....	2.54	.....
Baldwinsville	3.01	2.55	.....	4.23	3.85	4.94	3.69	3.86	3.32	2.87	4.69	5.48	.....
Bedford	1.72	0.98	6.02	10.65	.....	1.01	5.52	15.36	5.41	3.57	1.56	8.28	.....
*Binghamton	0.76	1.09	2.95	4.20	5.49	1.77	3.47	3.76	3.10	1.46	2.31	5.41	35.77
Blue Mountain Lake	1.30	1.10	3.60	3.05	5.00	4.55	6.30	6.00	2.80	3.00	2.95	5.60	45.25
Bolivar	2.20	1.56	2.90	4.53	4.93	2.94	4.75	3.67	3.77	1.37	3.41	5.27	41.30
Bouckville	3.85	3.30	3.18	3.87	5.79	4.14	3.54	3.44	2.30	2.38	3.74	4.50	44.08
Boyds Corners	1.69	0.94	7.24	8.48	7.91	1.61	7.07	8.21	4.68	3.30	2.15	9.53	62.81
Brockport	2.75	3.35	3.74	6.77	4.02	3.36	4.29	1.80	3.39	1.74	3.85	4.82	43.88
*Buffalo	3.31	3.26	3.02	3.13	3.28	1.39	3.05	2.07	3.29	1.29	2.87	5.52	35.49
Caldwell	2.00	0.58	4.75	4.85	4.57	3.94	4.41	4.85	3.05	1.93	1.60	6.82	42.35
Canaan Four Corners	3.02	0.85	2.63	5.06	6.81	2.37	4.08	7.59	3.77	2.29	2.10	5.22	45.79
Canajoharie	1.83	0.32	1.95	5.60	5.10	2.89	4.55	3.25	2.76	2.97	.....	.....	.....
Canton	1.40	1.30	3.69	3.86	5.77	4.91	2.98	4.91	4.98	3.70	3.20	5.51	46.21
Carmel	1.65	0.81	7.89	7.93	7.49	1.33	8.52	7.74	5.81	4.15	2.08	9.46	64.86
Carvers Falls	1.13	0.65	.....	4.10	4.81	3.08	4.38	3.57	2.44	1.17	1.68	5.02	.....
Catskill	0.92	0.05	.....	.....	5.72	4.12	3.10	3.35	2.60	1.00	0.29	6.59	.....
Cedarhill	1.30	0.49	4.64	5.68	5.27	8.80	4.54	5.34	3.36	1.94	2.06	6.53	44.75
Chenango Forks	.....	.....	.....	3.15	6.20	2.00	4.25	3.85	1.95	2.25	2.65	.....	.....
Cherry Creek	.....	.....	.....	.....	.....	.....	.....	.....	4.91	1.62	5.56	.....	.....
Cooperstown	2.47	1.12	3.00	4.73	4.94	3.65	6.79	5.96	3.08	2.48	2.74	4.85	45.81
Cortland	1.22	1.44	2.76	3.31	3.25	2.96	3.49	3.83	2.90	1.02	3.47	6.41	36.06
Cutchogue	2.77	0.50	7.79	8.56	7.31	1.24	3.32	3.92	6.03	1.77	2.44	10.39	56.04
Dekalb Junction	2.13	0.94	4.67	4.36	4.80	3.76	3.12	5.66	3.72	2.72	3.84	4.03	43.75
Easton	.....	1.22	3.93	5.97	6.24	2.07	6.38	4.29	4.42	2.59	1.99	4.52	.....
Elba	3.86	3.10	2.40	4.25	5.13	2.38	4.49	2.45	3.26	1.08	2.49	4.10	39.99
Elmira	1.09	0.59	2.84	5.56	4.82	1.84	4.23	4.07	2.86	0.93	2.75	5.22	36.80
Fayetteville	.....	.....	.....	.....	.....	7.10	3.12	4.30	3.43	2.25	3.20	5.36	.....
Franklinville	2.29	1.62	3.35	5.05	4.94	2.74	3.61	5.92	3.53	1.32	4.14	5.87	44.38
Fulton	3.18	1.80	2.49	4.25	4.08	3.87	2.57	6.02	3.52	1.96	4.04	.....	.....
Gabriels	2.18	1.50	2.79	3.04	4.18	5.02	5.47	4.11	3.24	2.83	2.38	3.25	39.99
Glens Falls	1.93	0.41	3.32	3.77	3.05	2.59	4.39	4.70	2.78	1.05	1.29	5.82	35.10
Gloversville	2.62	1.09	2.78	3.72	3.57	3.76	3.49	4.19	3.86	1.08	2.23	4.07	36.46
Greenwich	2.38	0.49	5.00	3.93	4.86	1.84	5.67	4.81	2.96	2.25	1.87	4.48	40.49
Griffin Corners	1.21	0.54	3.16	8.03	5.47	2.82	3.63	6.22	4.10	2.36	2.26	7.47	47.27
Haskinsville	1.60	0.40	1.86	4.58	6.58	3.06	3.31	5.67	2.66	1.03	2.45	4.05	37.25
Hemlock	1.20	1.10	0.85	5.65	4.28	1.90	2.07	5.01	3.84	1.22	1.78	2.01	30.41
Honeymead Brook	1.38	0.63	3.68	6.78	5.39	2.55	.....	.....	3.76	2.06	1.84	5.80	.....
Honnedaga Lake	3.52	2.50	3.89	1.65	6.80	5.81	7.37	5.23	1.42	3.78	.....	.....	.....
Humphrey	2.70	2.59	3.56	5.93	4.97	4.17	3.55	4.83	5.10	1.77	4.24	5.97	49.38
Indian Lake	2.31	0.51	2.95	1.88	4.34	3.83	4.65	5.62	4.59	2.99	1.21	3.11	37.99
*Ithaca	1.31	0.95	2.89	4.08	4.20	3.06	3.60	3.85	1.66	1.07	2.74	5.76	35.17
Jamestown	3.98	4.50	2.97	4.85	3.13	.....	.....	.....	.....	1.57	4.81	4.84	.....
Jay	1.20	.....	0.94	2.68	4.93	3.82	3.84	2.24	2.82	2.23	0.79	2.22	.....
Keene Valley	2.13	0.73	2.18	6.75	5.72	4.25	5.68	3.65	2.35	3.16	1.92	4.08	42.60
King Ferry	1.73	1.25	3.02	4.86	4.46	3.29	2.40	4.77	2.16	0.89	3.40	4.89	.....
King Station	2.75	0.60	3.97	6.10	5.73	3.05	6.30	4.96	4.82	1.90	1.48	.....	.....
Liberty	1.14	3.55	3.24	4.11	4.66	4.82	5.40	5.00	.....	.....	.....	.....	.....
Little Falls	2.33	0.78	2.69	3.33	5.66	3.58	3.74	2.56	3.59	1.55	2.86	3.95	36.62
Lockport	1.70	2.55	1.80	6.47	3.27	1.46	4.00	1.60	2.47	2.35	3.36	3.20	34.23
Lowville	2.84	2.06	1.58	3.55	3.66	3.69	5.00	6.37	4.14	2.47	4.05	5.97	45.38
Lyndonville	1.35	1.78	1.66	4.43	.....	1.65	3.61	0.94	4.02	0.59	3.18	3.89	.....
Lyons	.....	.....	.....	.....	2.42	6.46	1.79	4.01	1.38	1.95	2.72	3.70	.....
Mayle	1.92	2.80	1.25	4.13	3.15	1.00	2.79	1.80	2.53	1.69	2.21	3.17	.....
Meredith	1.65	0.89	1.82	2.96	6.05	2.39	3.54	5.35	4.60	2.37	2.98	5.08	39.68
Middletown	1.95	1.50	5.86	9.11	6.90	1.42	5.52	8.50	4.52	1.70	2.17	6.74	55.89
Mohonk Lake	1.82	0.95	6.03	11.32	8.75	2.77	4.46	9.53	3.81	1.62	2.49	6.88	60.43
Moira	3.10	2.30	4.85	4.16	4.00	4.63	3.13	6.40	5.32	2.91	4.36	4.19	49.35
Newark Valley	1.47	0.93	3.75	5.43	6.28	2.57	3.56	4.36	2.70	1.30	3.37	5.78	41.50
New Lisbon	1.27	0.83	2.78	3.38	5.51	4.21	3.68	5.60	3.60	1.54	2.08	4.53	39.01
New Rochelle	.....	.....	.....	.....	.....	0.50	7.78	4.20	1.98	1.61	1.18	4.88	.....
*New York	2.07	0.86	5.18	6.82	7.01	0.94	5.41	6.88	2.33	2.20	1.31	6.05	47.06
North Germantown	1.25	.....	5.89	6.84	6.16	3.60	.....	.....	.....	.....	.....	.....	.....
North Hammond	1.48	0.74	4.78	5.42	4.46	3.90	3.87	5.16	3.80	2.29	2.09	2.76	40.25
North Lake	3.13	5.08	3.04	.....	5.57	8.06	6.34	3.86	3.59	2.97	.....	.....	.....
Number Four	.....	.....	.....	0.95	3.46	5.38	4.67	5.82	5.85	3.99	7.52	5.17	.....
Nunda	.....	.....	2.56	6.97	5.67	.....	.....	.....	.....	.....	2.30	5.18	.....
Ogdensburg	1.03	0.48	2.53	4.49	5.23	3.05	3.72	4.37	2.94	2.01	2.15	2.07	34.07
Old Chatham	1.19	0.82	4.44	4.14	5.70	1.96	4.46	4.79	3.26	1.30	2.30	5.58	39.94
Oneonta	1.80	0.92	2.41	3.93	4.54	.....	3.86	4.45	3.34	2.64	2.15	4.36	.....
*Oswego	2.73	1.55	3.66	4.95	3.48	4.23	3.08	4.90	3.13	3.43	3.87	6.08	45.09
Oxford	2.89	2.05	3.70	3.33	7.69	2.96	3.93	4.33	3.61	3.04	3.12	6.21	46.86

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New York—Continued.													
Palermo	3.10	3.04	2.18	4.77	3.08	2.96	3.66	5.30	2.95	2.80	4.23	3.22	41.29
Penn Yan	1.81	1.17	2.30	6.00	4.44	2.82	1.93	6.17	2.09	1.22	1.49	3.89	35.33
Perry City	2.10	1.42	3.12	4.85	4.80	2.85	5.39	7.37	2.22	0.86	3.36	5.28	43.62
Plattsburg Barracks	1.75	1.22	1.85	2.82	4.38	3.71	3.18	4.48	3.80	2.00	2.00	1.50	32.69
Port Byron	3.05	3.92	3.16	5.60	4.46	4.85	2.76	5.00	2.87	1.99	4.35	5.48	47.49
Port Jervis	1.69	1.18	5.19	6.73	6.73	2.65	7.33	5.64	5.52	1.44	3.09	7.99	55.08
Primrose	3.05	1.02	5.74	9.02	6.76	0.94	9.63	8.33	3.01	2.94	1.98	5.89	58.31
Red Hook	1.55	0.77	5.74	.....	5.84	1.57	4.12	7.68	2.30	1.30	1.44	6.07	.....
Richmondville	1.69	0.66	2.09	6.82	5.22	2.54	7.24	5.38	3.24	2.19	1.62	3.83	42.52
Ridgeway	2.50	2.97	2.61	4.30	4.66	2.11	5.07	1.40	3.28	1.66	3.59	4.48	38.63
*Rochester	3.83	3.69	3.75	4.06	3.06	2.46	2.87	2.19	3.08	1.41	2.63	4.17	37.20
Rome	3.25	1.30	3.57	3.26	5.56	5.40	3.75	2.23	4.62	2.38	.....	5.51	.....
Romulus	1.69	1.28	2.14	4.91	5.37	4.73	4.10	3.62	2.46	0.59	2.82	2.59	36.40
Salisbury Mills	1.52	0.86	5.76	8.20	5.93	2.31	4.10	9.10	4.63	2.15	2.55	6.99	54.10
Saranac Lake	1.72	0.94	2.41	2.85	4.31	4.79	4.10	3.74	3.55	3.09	2.30	1.61	35.41
Saratoga Springs	2.01	0.61	3.80	5.90	4.97	2.55	4.12	4.73	4.39	1.10	1.56	3.10	38.84
Schenectady	2.17	0.60	.....	.....	6.11	2.36	5.15	3.47	4.21	1.25	1.19	.....	.....
Scottsville	.....	.....	.....	4.98	2.89	2.99	4.23	4.80	3.29	1.37	1.08	.....	.....
Setauket	1.96	0.69	5.61	8.23	7.25	1.12	3.42	6.02	3.55	2.76	1.94	9.43	51.98
Shortsville	1.31	1.31	1.26	4.93	3.56	2.65	4.62	5.60	2.35	1.11	1.87	2.44	33.01
Skaneateles	2.07	3.35	3.67	4.85	4.46	6.03	8.36	5.80	2.38	2.56	4.05	5.21	48.39
Southampton	3.20	0.55	5.78	6.84	5.61	1.10	4.13	5.48	4.10	2.47	2.01	8.11	49.38
South Berlin	4.15	0.86	[1]0.91	3.94	.....	.....	3.60	5.35	2.30	.....	2.30	1.70	.....
South Canisteo	1.95	1.32	3.13	7.07	5.15	3.53	3.97	5.93	3.24	0.62	2.64	4.66	43.21
South Kortright	1.84	1.23	3.64	.....	4.97	.....	.....	3.87	4.25	3.87	2.57	5.75	.....
Southeast Reservoir	1.78	0.79	6.99	7.61	6.78	2.27	8.30	7.98	5.88	5.24	2.96	8.64	64.32
South Schroon	1.86	0.38	3.92	4.03	5.03	3.62	5.38	3.85	4.07	2.31	1.87	4.42	40.24
Straits Corners	1.68	2.12	4.32	5.75	4.48	2.99	4.40	5.25	.....	1.13	4.12	6.30	.....
Ticonderoga	1.82	0.59	2.72	3.39	4.06	2.08	4.56	2.18	1.94	2.03	1.25	6.17	32.79
Volusia	3.41	1.74	3.43	6.20	4.29	4.06	2.01	3.32	6.31	2.35	5.50	4.48	47.10
Walton	1.88	0.78	3.04	4.17	8.74	2.97	4.83	5.91	3.33	2.05	2.53	4.72	44.95
Wappingers Falls	2.64	1.33	6.22	9.07	6.36	3.08	7.58	9.42	3.28	2.42	2.37	6.03	59.80
Warwick	1.22	0.77	4.47	5.50	5.37	1.30	5.27	10.07	3.48	2.56	2.08	5.63	47.72
Watertown	1.85	2.07	4.71	3.78	3.17	3.75	3.75	4.26	3.80	3.23	4.90	5.43	44.70
Waverly	1.22	0.86	4.42	5.87	5.96	2.59	3.35	5.83	2.59	1.42	3.47	6.61	44.19
Wedgewood	2.05	1.37	3.32	5.44	4.82	4.09	2.84	9.42	2.46	0.81	2.90	5.29	44.81
Wells	2.52	0.99	4.76	4.41	4.59	5.73	5.56	7.67	3.77	2.04	1.54	6.03	49.61
West Berne	2.40	1.46	.....	7.12	5.47	3.13	5.87	4.54	2.61	2.50	2.77	2.90	.....
Westfield[1]	2.10	0.92	1.86	4.83	4.15	6.30	2.51	3.44	4.51	1.71	4.40	4.64	41.37
Westfield[2]	2.58	.....	3.02	6.66	4.76	4.79	1.82	4.44	4.53	1.92	4.07	5.18	.....
Westfield[3]	1.88	1.44	2.57	3.84	3.47	2.91	1.82	3.18	3.79	1.96	2.83	4.80	34.49
Windham	1.34	0.87	2.43	9.56	5.02	4.13	3.64	5.36	3.55	1.98	2.93	6.52	47.33
Walcott	2.05	2.45	.....	6.75	2.73	4.67	3.47	3.65	.....	.....	2.87	5.31	.....
North Carolina.													
Absbers	3.29	1.48	6.22	9.21	11.84	9.61	5.81	15.29	4.87	2.04	1.22	11.05	81.93
Asheville	2.48	0.91	5.22	4.56	6.24	2.76	4.91	10.04	3.78	1.04	0.73	8.77	51.44
Biltmore	2.12	1.40	4.86	3.99	6.35	3.12	2.99	13.49	2.53	0.87	0.33	8.38	50.43
Bryson City	4.89	2.49	6.59	6.64	7.48	3.64	4.09	13.26	2.86	0.80	1.19	9.84	63.77
Chapelhill	2.39	1.52	3.72	5.89	11.38	5.69	6.12	11.25	4.75	2.13	1.94	4.56	61.34
*Charlotte	2.38	1.96	5.48	7.25	8.00	6.47	6.38	10.66	6.43	1.04	0.98	5.79	62.82
Cherryville	2.72	2.08	4.75	8.86	8.67	4.99	3.17	12.82	6.72	0.72	1.10	9.31	65.91
*Currituck	2.10	1.40	2.05	4.15	5.10	1.53	3.57	4.37	6.20	1.02	2.75	4.93	39.17
Durham	2.10	1.70	5.85	5.68	8.80	2.24	.....	.....	.....	.....	.....	.....	.....
Edenton	2.75	2.18	4.85	4.51	.....	.....	.....	.....	.....	2.80	1.61	3.93	.....
*Fayetteville	2.62	1.91	3.78	3.46	7.98	4.31	7.81	7.80	5.47	1.21	0.73	5.34	52.42
Flatrock	4.15	1.90	8.62	9.16	10.97	10.17	4.05	30.34	7.24	2.72	.....	.....	.....
*Goldsboro	2.65	1.79	2.21	3.29	6.79	4.42	8.45	7.52	6.83	1.96	1.25	5.41	52.57
*Greensboro	2.72	1.95	2.82	5.66	7.71	7.45	5.70	13.04	3.50	0.86	0.82	5.72	57.95
*Hatteras	2.90	2.35	3.81	4.16	3.99	4.84	8.17	3.87	6.56	0.81	2.17	6.48	50.11
Henderson	2.20	0.70	4.69	6.10	8.37	3.86	6.40	9.22	7.84	3.40	1.29	5.62	59.69
Hendersonville	3.39	1.76	6.55	8.52	8.94	9.13	5.22	26.58	5.78	2.90	1.32	12.51	92.60
Henrietta	2.65	2.21	5.10	8.45	9.00	10.62	4.86	14.20	7.21	1.18	0.95	8.94	75.37
Highlands	6.20	2.95	10.10	9.35	6.61	9.29	7.76	30.74	4.47	3.62	1.13	13.95	106.17
Horse Cove	5.85	3.29	10.14	9.29	9.74	7.40	8.16	26.43	6.10	2.92	1.41	15.16	105.89
Kinston	2.76	2.49	4.00	4.74	6.51	3.66	6.25	7.63	7.57	0.94	2.48	4.67	53.70
*Kittyhawk	1.96	3.60	4.74	4.58	9.26	2.57	8.49	5.64	5.63	1.98	2.10	5.88	56.34
Lenoir	3.70	1.70	6.84	9.59	10.39	11.67	[1]1.61	21.78	3.86	0.90	0.72	8.43	81.19
Linville	2.97	3.15	.....	.....	.....	.....	.....	.....	5.82	2.07	0.52	13.66	.....
Littleton	1.92	1.02	3.73	4.75	9.45	2.24	7.36	7.42	3.75	2.06	1.65	4.72	50.07
Louisburg	2.23	0.68	2.62	5.22	8.06	1.88	7.37	12.40	6.94	3.01	1.23	4.33	55.97
*Lumberton	4.02	2.18	3.56	4.25	12.52	5.47	6.54	6.97	9.38	1.21	1.01	5.65	62.76
Marion	4.10	2.06	8.85	9.33	12.63	10.61	8.00	[1]21.83	.....	1.59	1.16	11.84	.....
Marshall	3.58	0.89	4.58	4.79	5.27	2.09	2.92	14.42	3.32	.....	0.59	8.66	.....
Mocksville	2.01	1.59	3.86	6.59	6.80	5.98	3.81	9.34	2.89	1.01	1.00	6.49	51.32
Moncure	2.30	1.49	3.47	5.30	9.53	4.80	7.71	11.65	5.78	1.01	1.70	4.28	59.02
Monroe	2.83	1.71	5.00	8.54	7.20	8.15	3.50	14.00	6.24	2.16	0.64	6.40	66.37
Morganton	2.51	2.80	6.00	7.90	6.70	8.90	1.30	14.70	4.10	0.90	1.00	6.38	63.19
Mountairy	3.53	1.26	3.45	6.60	6.08	8.69	4.78	16.59	3.82	1.00	1.41	8.89	66.10
Murphy	7.50	2.49	6.55	5.37	9.30	6.05	1.23	10.77	4.24	0.55	1.70	8.48	64.33
*Newbern	2.88	3.43	4.60	3.83	7.74	3.73	9.16	8.01	7.04	1.74	2.07	5.18	59.41
Oakridge	2.56	1.30	4.02	5.98	8.63	5.72	9.39	13.41	2.29	0.34	1.18	7.13	61.95
Patterson	6.68	1.71	7.54	10.53	11.85	9.37	2.29	24.19	4.60	1.03	0.74	10.47	88.00
Pittsboro	1.76	1.90	3.77	4.64	8.66	6.01	7.39	9.55	7.86	1.99	1.37	3.57	58.47
*Raleigh	2.20	1.48	2.96	5.55	9.90	6.04	7.14	11.21	8.26	1.62	0.82	5.46	62.64
Reidsprings	.....	.....	.....	3.27	10.88	5.47	10.27	7.75	4.43	0.46	1.01	.....	.....
Reidsville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.89	5.73	.....
Rockingham	2.18	1.68	3.98	4.61	10.55	11.12	9.41	12.45	7.41	0.43	0.80	5.45	70.07
Roxboro	2.20	1.08	3.83	6.15	9.21	1.88	5.72	11.93	5.50	1.31	1.73	5.58	56.12
Salem	2.81	2.12	4.83	6.11	5.70	5.99	7.75	9.51	2.82	0.80	1.15	5.67	54.66

[1] G. Schoendfeld. [2] Jno. R. Rodgers. [3] D. H. Beadle.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
North Carolina—Continued.													
Salisbury	3.29	1.77	5.22	8.14	6.27	6.58	4.34	9.69	3.32	T.	0.75	8.08	57.45
Saxon	2.75	1.17	3.78	5.42	8.01	4.68	6.79	15.62	3.85	1.25	1.39	7.47	62.18
Selma	2.08	1.97	3.35	5.07	5.97	6.42	9.10	6.16	8.01	2.04	0.86	4.49	55.52
Settle	2.32	1.39	4.35	6.99	5.13	5.32	9.04	10.38	3.53	1.00	1.30	10.45	61.20
Sloan	3.09	4.39	5.29	2.56	9.40	6.00	12.82	7.42	7.20	1.57	1.98	5.09	66.81
Soapstone Mount	2.22	1.58	4.08	6.04	7.25	5.84	7.57	14.69	4.49	1.05	1.03	6.03	61.87
Southern Pines[1]	3.17	1.81	5.35	5.73	8.88	5.59	13.23	13.43	9.59	0.46	1.93	4.86	74.03
Southern Pines[2]	3.06	1.70	4.01	4.04	9.21	3.83	12.64	11.46	9.30	0.37	1.25	4.74	55.61
Southport	3.72	4.18	4.98	3.48	6.11	4.51	8.51	6.67	4.87	3.80	1.12	7.18	59.13
Springhope	0.80	1.60	2.70	5.35	7.20	3.35	6.42	11.06	.....	1.50	1.85	4.52	.....
Statesville	2.28	1.95	.....	8.23	6.98	4.65	2.17	.....	.....	.....	.....	.....	.....
Tarboro	1.85	1.92	3.02	5.45	5.64	1.29	8.24	11.61	8.24	3.51	1.23	5.11	57.01
Washington	2.62	2.59	5.30	3.76	5.71	4.41	6.18	6.13	.....	[d]2.90	2.57	5.18	.....
Waynesville	4.83	1.40	7.07	6.12	9.63	4.05	2.94	[b]8.76	2.31	0.52	0.61	9.56	57.80
*Weldon[3]	2.30	1.21	3.78	5.88	5.53	1.61	7.48	11.07	6.92	3.21	1.52	5.45	55.96
*Weldon[4]	2.22	1.20	3.70	4.93	5.51	1.61	7.55	10.96	6.86	3.11	1.55	5.68	54.88
*Wilmington	2.48	3.21	3.98	2.00	6.18	7.27	8.25	6.82	5.38	2.69	1.16	4.72	54.14
North Dakota.													
Amenia	0.15	0.20	0.80	1.90	0.69	.....	5.91	1.98	1.81	2.58	T.	0.84	.....
Ashley	[d]0.00	0.40	0.65	0.45	0.89	2.94	2.70	2.84	0.03	2.05	0.10	0.65	13.70
Berlin	0.29	0.32	0.61	1.00	0.35	6.37	4.19	1.04	1.37	2.52	0.30	1.22	19.58
*Bismarck	0.03	0.16	0.96	0.36	0.04	5.17	3.24	1.01	1.47	1.89	0.30	0.96	15.59
Bottineau	0.45	0.02	0.93	0.17	0.17	7.08	3.77	.....	.....	.....	.....	.....	.....
Buxton	0.29	0.09	0.75	2.27	0.11	.....	.....	2.85	1.50	2.25	0.00	0.51	.....
Cando	.....	.....	0.37	0.26	.....	4.70	5.00	1.74	1.87	.....	T.	0.08	.....
Churchs Ferry	0.43	0.40	0.18	0.08	.....	7.45	4.58	2.88	1.71	0.72	0.25	0.44	.....
Coalharbor	0.17	0.15	1.20	T.	0.38	4.60	5.08	0.48	2.00	0.24	0.65	0.42	15.37
*Devils Lake	0.10	0.10	0.90	0.24	0.10	8.27	4.23	2.20	2.35	1.50	T.	0.20	20.39
Dickinson	0.01	0.39	0.70	0.62	0.13	3.83	3.69	0.45	0.83	0.22	0.80	1.25	12.92
Donnybrook	.....	0.50	0.37	0.74	0.32	5.78	2.82	.....	.....	0.22	0.35	0.55	.....
Dunseith	1.64	0.28	0.72	0.40	T.	4.37	4.31	0.97	2.23	0.69	T.	0.45	16.06
Edgeley	.....	.....	.....	.....	.....	5.63	5.03	1.05	1.41	2.65	0.15	0.98	.....
Ellendale	0.10	0.30	1.05	1.14	0.85	3.25	4.83	2.23	1.70	2.20	0.20	1.00	18.85
Falconer	T.	0.02	0.85	1.82	0.45	6.37	3.09	.....	1.81	1.15	.....	[f]0.75	.....
Fargo	0.05	0.11	1.31	1.76	0.98	5.91	7.29	1.59	2.57	3.83	0.00	0.28	25.68
Forman	0.10	0.50	0.22	0.51	0.66	[e]5.56	4.37	1.37	5.66	3.22	0.37	1.20	23.74
Fort Berthold	[g]0.35	[d]0.25	0.35	0.47	T.	4.02	5.31	0.15	1.43	.....	.....	.....	.....
Fort Yates	0.13	0.88	0.79	0.12	0.18	4.81	1.13	2.80	0.54	1.06	0.32	0.66	13.42
Fullerton	0.30	0.32	1.17	1.65	0.36	3.61	3.51	2.21	1.85	2.81	0.21	0.81	18.81
Gallatin	0.27	0.30	0.69	1.78	0.73	6.35	3.40	3.37	0.84	2.11	0.01	0.48	20.33
Glen Ullin	0.02	0.43	0.74	0.42	0.44	.....	.....	.....	.....	.....	0.35	0.64	.....
Grafton	0.13	0.65	0.90	0.45	T.	7.45	3.55	4.75	0.92	0.90	T.	0.32	20.02
Hamilton	0.17	0.32	0.81	0.87	.....	6.08	3.24	2.39	1.96	0.92	0.10	0.87	.....
Hannaford	0.28	0.32	1.00	1.17	0.12	7.91	6.72	2.04	1.32	2.26	T.	0.50	23.64
Jamestown	0.03	0.65	0.72	0.96	0.13	9.71	4.95	2.80	2.27	2.11	0.00	1.33	25.66
*Langdon	.....	.....	.....	1.21	0.33	9.21	.....	1.35	2.31	.....	.....	.....	.....
*Larimore	0.50	0.30	0.92	2.89	0.17	5.98	3.38	2.41	1.04	1.73	0.00	0.40	19.67
*Lisbon	.....	.....	.....	1.68	0.76	4.32	.....	1.34	3.32	.....	.....	.....	.....
McKinney	0.60	0.25	0.45	0.21	T.	5.90	2.55	0.49	3.31	0.10	0.15	0.50	14.51
Mayville	0.55	0.35	1.04	1.94	0.40	8.10	4.03	3.63	2.11	2.18	0.00	0.60	24.93
Medora	0.30	0.55	0.88	0.60	0.07	5.44	2.96	0.41	1.15	0.10	0.30	1.45	14.21
Melville	0.02	T.	1.48	0.52	T.	6.71	6.74	1.67	0.53	2.03	T.	0.40	20.10
Milton	0.60	0.40	1.65	0.93	0.20	6.10	5.23	.....	2.30	0.55	0.02	0.23	.....
Minnewaukon	0.29	0.18	0.44	.....	.....	7.07	[d]4.46	2.06	.....	.....	.....	.....	.....
Minto	0.24	0.39	0.81	1.86	0.15	5.58	3.83	3.71	1.71	1.24	0.10	0.27	19.89
Napoleon	0.10	0.35	1.47	1.26	0.20	6.22	3.16	1.99	0.72	2.60	0.32	1.40	19.79
New England	.....	.....	.....	T.	0.06	5.36	2.75	1.15	1.95	0.18	0.20	0.90	.....
Oakdale	0.04	0.40	1.04	0.94	0.06	7.62	3.04	0.20	1.70	0.23	0.63	1.25	17.15
*Pembina	0.60	0.36	0.34	1.11	0.12	4.60	3.03	2.25	2.59	0.95	0.08	0.47	16.50
Portal	0.50	0.40	.....	1.10	[c]0.40	6.12	2.89	0.67	.....	0.41	0.10	0.30	.....
Power	0.32	0.20	1.20	1.70	0.17	5.78	8.14	1.33	3.01	3.24	0.20	0.82	26.11
Steele	T.	0.25	0.86	T.	T.	4.80	5.65	1.28	2.41	1.69	0.10	[c]1.10	18.14
University	0.45	0.20	0.65	2.06	0.28	8.47	4.18	5.40	1.55	2.21	0.02	0.71	26.18
Valley City	.....	.....	.....	.....	T.	8.88	5.88	2.35	.....	.....	.....	0.94	.....
Wahpeton	0.67	0.42	1.99	2.65	0.80	6.31	7.35	1.06	3.93	3.58	0.50	0.54	29.75
*Williston	0.54	0.34	0.26	0.48	0.71	8.84	2.71	0.74	1.77	0.14	1.02	0.83	18.36
Willow City	0.16	T.	0.30	0.16	.....	8.12	5.70	0.90	2.41	T.	T.	0.70	.....
Woodbridge	0.37	0.17	0.67	0.23	0.65	4.71	2.22	1.37	6.07	0.35	0.10	.....	.....
Ohio.													
Akron	1.67	1.35	3.33	4.17	3.45	2.31	3.77	4.20	4.98	0.72	1.83	3.68	35.41
Annapolis	1.65	0.49	3.40	8.10	3.88	3.46	1.05	3.85	4.25	0.07	0.91	3.45	34.56
Ashland	1.83	1.05	2.69	1.92	5.45	.....	.....	.....	.....	.....	.....	.....	.....
Ashtabula	1.85	1.90	2.15	2.72	4.20	3.80	1.50	2.45	.....	.....	.....	.....	.....
Atwater	2.20	1.10	4.63	5.18	3.95	4.54	2.18	2.68	4.58	0.58	2.47	3.71	37.70
Bangorville	2.24	1.32	3.57	1.36	5.34	3.83	3.68	3.21	4.25	0.60	1.30	3.11	33.81
Belfast	.....	.....	.....	.....	3.35	3.51	1.51	2.21	.....	.....	.....	.....	.....
*Bellefontaine	0.86	.....	.....	1.74	2.99	1.86	1.33	1.90	1.93	1.33	1.65	3.35	.....
Bement	1.19	1.46	3.26	2.31	3.81	2.75	4.18	5.77	3.07	0.63	2.89	3.38	34.70
Benton Ridge	1.42	2.10	3.15	2.03	3.70	3.59	2.66	2.02	1.82	0.24	1.23	3.59	27.55
Bethany	1.24	1.58	2.29	2.11	3.99	2.16	1.35	1.77	2.30	0.93	1.06	3.40	24.18
Bigprairie	2.04	1.31	2.48	.....	4.34	8.90	.....	6.55	6.91	.....	.....	.....	.....
Binola	1.49	1.80	3.15	3.32	5.58	2.87	4.00	4.49	6.26	0.70	2.35	4.86	40.32
Bladensburg	2.16	0.59	1.96	3.64	2.67	6.20	.....	.....	.....	.....	1.41	3.30	.....
Bloomingburg	1.73	0.50	1.39	2.25	3.93	3.65	1.82	1.44	1.72	0.31	0.64	4.20	28.58
Bowling Green	2.57	1.30	2.86	2.23	4.91	3.98	4.42	4.38	1.32	1.15	2.33	4.21	35.66
*Bucyrus	2.45	1.90	1.65	2.10	7.77	2.87	3.20	1.87	1.82	.....	.....	.....	.....
Cambridge	2.17	0.61	3.10	5.62	4.51	4.32	3.62	4.12	2.79	T.	1.09	3.95	35.90
Camp Dennison	1.19	1.39	2.08	2.27	3.06	2.77	1.32	2.08	0.90	0.84	0.80	3.74	22.43
Canaan	.....	.....	.....	.....	4.45	2.81	1.97	3.17	5.17	0.87	1.96	4.03	.....

[1] S. S. Thomas. [2] State Horticultural Farm. [3] Cotton-region observer. [4] River observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Ohio—Continued.													
*Canal Dover	2.17	1.58	3.01	4.38	3.12	3.83	2.03	3.71	4.11	0.30	1.42	3.74	33.40
*Canton	2.81	1.64	3.62	6.17	4.22	2.74	2.38	3.35	4.12	0.51	1.91	3.66	37.13
Cardington	1.86	0.99	2.78	1.12	3.94	7.86	2.05	4.62	3.78	0.43	1.11	3.12	33.66
Cedarville	1.70	1.70	2.59	4.38	3.31	2.14	1.66	2.72	2.73	0.48	0.68	3.41	24.50
Celina	1.74	0.80	3.14	2.27	4.79	3.98	3.24	1.86	1.95	0.94	0.95	3.58	29.24
*Chillicothe				4.82	4.77	5.01	2.07	3.31	2.38				
*Cincinnati	6.87	1.35	2.01	1.93	1.62	2.27	1.44	0.88	0.92	0.59	0.74	3.37	17.99
*Circleville	0.85	0.78	1.67	3.82	4.95	9.34	1.39	2.59	3.51	0.41	0.98	4.30	34.59
Clarksville	1.39	1.10	2.05	1.85	3.79	2.75	3.84	2.84	1.22	0.73	0.90	3.78	25.74
*Cleveland	1.18	1.28	2.93	2.10	2.78	3.55	3.77	6.31	7.38	0.80	2.42	4.21	38.71
Cleveland[1]	1.58	1.66	4.01	2.97	5.46	4.29	4.50	5.44	7.05	0.92	2.91	4.84	45.63
Cleveland[2]	1.01	1.17	2.86	2.16	3.08	3.36	4.41	6.27	5.78	0.87	1.85	3.50	36.32
Clifton				1.77			1.44	2.30	2.70	0.71	0.82	3.20	
Coalton	1.36	1.11	3.74	4.20	2.74	8.38	3.10	3.67	1.45	0.36	1.84	4.25	36.20
Colebrook	1.68	0.60	2.65	3.05	2.85	2.39	3.99	5.22	3.99	0.28	2.47	3.40	32.57
*Columbus	1.50	0.88	1.82	2.21	4.24	6.31	1.23	1.71	2.10	0.33	0.59	3.61	26.53
*Dayton[3]	1.90	1.26	2.48	2.10	3.04	4.92	1.33	1.19	2.54	0.83	0.10	2.97	24.56
*Dayton[4]	2.00	1.33	2.42	1.87	3.45	4.04	1.33	0.91	2.32	1.12	1.43	3.83	26.05
*Defiance	1.10	1.07	2.35	1.87	3.93	3.47	6.08	2.16	1.54	2.63	1.41	4.14	31.75
Delaware	1.76	1.21	2.69	1.60	4.15	4.75	3.31	3.33	3.42	0.74	0.92	3.56	31.44
Demos	1.65	0.95	3.08	7.84	2.92	5.07	3.61	3.74	2.37	T.	1.86	3.37	36.41
Elyria	1.16	0.79	3.24	3.68	5.19	3.31	3.10	4.22	2.34	0.73	2.21	3.88	33.85
*Findlay	1.46	1.45	3.30	2.46	4.65	2.79	1.36	2.96	1.85	0.86	0.94	3.90	27.98
Frankfort	1.24	1.15	0.80	3.43	4.42	3.74	2.06	2.75	1.98	0.50	1.02	4.35	27.44
Fremont							2.92	2.83	1.17	1.01	1.87	4.29	
Garrettsville	2.20	1.95	3.57	4.32	3.31	4.46	3.31	4.63	4.41	0.81	3.04	3.94	39.95
*Granville	2.51	0.74	2.18	2.97	4.01	4.04	3.21	5.28	3.41	0.38	1.13	3.49	32.35
Gratiot	1.75	0.74	2.62	5.77	3.86	6.54	2.42	5.59	2.36	0.31	1.45	4.18	37.59
Green	1.15	1.40	1.40	3.90	3.48	6.36	2.60	5.94	4.15	0.25	1.50	3.94	36.07
Greenfield			[1] 1.35				1.70	1.65	1.62	0.12	0.95	4.20	
Greenhill	1.68	0.95	3.36	5.88	4.03	4.42	4.28	4.95	4.95	0.37	1.72	3.34	39.88
*Greenville	1.78	1.25	2.88	3.02	2.85	4.71	1.33	2.60	1.61	1.08	0.73	2.42	26.26
Hanging Rock	1.40	0.80	2.15	6.90	2.85	2.84	2.88	3.02	5.30	0.28	2.25	4.17	34.84
Hedges	1.12	1.03	3.02	2.19	5.28	3.26	1.89	2.25	1.76	2.27	1.85	4.03	29.45
Hillhouse	2.17	2.06	2.76	2.53	4.83	2.95	5.11	2.57	5.51	1.75	4.24	5.06	41.54
Hillsboro	1.10	0.91		3.90	3.29	2.69	2.35	1.76	0.69	0.47	0.91	3.81	
Hiram	2.37	1.41	3.51	4.40	3.39	4.53	3.71	4.55	4.37	0.77	3.11	3.85	39.97
Hudson	1.65	1.95	1.84	4.35	4.20	2.72	3.31	5.11	4.05	0.64	3.10	3.38	36.30
Jacksonboro	2.40	1.90	1.80	1.45	1.90	3.35	0.55	1.15	3.25	1.50	0.55	2.85	22.65
Killbuck	0.84	1.24	2.66	2.11	3.53	4.16	2.69	4.98	3.02	0.17	0.64	2.51	28.55
Lancaster	1.68	0.50	1.85	4.25	4.23	7.48	2.10	2.92	2.32	0.35	1.23	4.39	33.30
Leipsic	1.33	1.70	2.20	1.81	3.95	3.95	3.20	2.14		1.22	1.01	4.43	
Lima				2.17	3.55	5.16	1.16	3.09	1.65	0.88	1.32	2.98	
Lordstown	1.91	1.16	3.10	8.21									
Lowell				8.96	4.71	5.47							
McConnellsville	1.41	1.17	2.78	6.91	5.81	8.64	5.40	3.42	1.83	0.27	1.79	4.65	44.08
Manara		1.07	2.79	3.71	4.23	8.39	1.64	1.51	0.51	0.72	4.36		
Mansfield	3.20	1.45	4.40	3.30	7.18	4.05	5.23	4.40	5.60	0.83	2.37	3.10	45.11
Marietta	1.09	0.86	2.60	7.13	4.42	6.48	2.92	3.38	1.92	0.06	2.15	4.61	37.62
Marion	2.34	0.46	3.71	2.07	6.24	4.70	1.52	2.33	4.24	0.97	0.96	3.53	33.07
Medina	1.63	0.98	3.70	3.69	5.74	4.39	4.11	2.95	3.67	0.59	2.38	3.92	37.75
Millfordton	2.51	1.16	3.23	2.06	4.09	3.94	1.48	3.10	3.19	0.48	0.91	4.75	30.90
Milligan	1.24	0.97	2.44	5.14	3.78	10.01	1.54	3.28	2.16	0.10	1.25	4.25	36.16
Millport	1.65	0.84	3.33	7.39	3.09	6.00	2.03	4.01	3.77	0.35	2.28	3.73	38.47
Montpelier	3.30	1.70	2.44	2.82	3.52	4.01	5.07	2.45	0.82	4.09	1.71	3.10	35.03
Moorfield	1.66	0.45	2.99	7.35	4.45	4.39	2.84	4.50	2.94	0.25	1.11	4.16	37.09
Napoleon	1.58	1.25	2.51	2.01	4.03	5.10	2.98	2.53	0.64	1.73	1.27	3.02	28.65
New Alexandria	2.90	0.30	3.05	7.56	4.57	5.25	2.95	3.15	2.30	0.20	0.75	4.75	37.73
New Berlin	1.54	1.30	3.57	5.16	3.94	3.23	3.43	2.07	5.06	0.64	2.00	3.61	35.55
New Bremen	1.28	0.77	1.26	2.11	4.67	5.14	1.68	2.11	1.44	1.09	1.25	3.75	26.55
New Holland	1.26	1.43	1.37	3.16	3.44								
New Lexington					4.49	10.97	2.95	2.56	2.11	0.34		3.92	
New Paris	1.96	1.23	2.99	2.29	2.11	5.10	0.71	6.13	0.53	1.47	0.76	3.88	29.16
New Richmond	0.81	1.23	1.74	2.67	3.19	4.98	2.00	1.42	1.26	0.60	1.06	3.84	24.80
New Waterford	2.12	1.20	3.99	6.96	4.58	4.21	2.65	7.21	3.85	0.29	3.51	3.24	43.81
North Lewisburg	2.32	1.45	3.60	1.70	3.45	3.75	1.85	3.70	2.45	0.90	1.10	3.30	29.57
North Royalton	1.25	1.85	3.44	2.81	5.98	3.61	4.12	3.37	4.55	0.52	2.67	3.99	38.16
*Norwalk	2.12	1.86	2.56	1.88	5.46	3.32	2.48	3.53	2.35	0.58	1.49	3.46	31.09
Oberlin	1.20	1.57	2.80	2.81	3.98	3.15	2.45	2.51	1.57	0.45	2.36	3.24	28.09
Ohio State University	1.77	1.16	1.77	2.13	4.46	5.79	0.82	0.95	2.39	0.33	0.61	3.71	25.89
Orangeville	1.21	1.20	3.10	3.50	4.07	2.32	2.75	2.03	4.85	0.30	2.88	3.50	31.71
Ottawa	1.64	1.26	2.60	2.84	4.32	2.46	3.32	2.61	1.61	0.59	1.64	3.25	27.64
Pataskala	2.01	0.96	2.06	3.20	4.50	5.32	2.81	4.22	3.33	0.56	1.09	3.78	33.84
Philo	0.67	0.72	2.03	5.60	7.56	5.79	2.55	3.97	1.66	0.13	0.88	3.72	35.28
Plattsburg	2.80	1.65	2.35	1.86	2.90	3.41	6.62	0.83	2.78	0.38	0.79	3.06	28.93
*Pomeroy	1.63	1.01	1.99	4.95	2.99	6.79	0.98	2.58	1.76	0.13	1.89	3.52	30.22
*Portsmouth[3]	1.28	1.33	1.48	5.24	3.49	7.05	4.02	5.94	3.38	0.25	1.56	4.39	39.41
Portsmouth[5]	1.58	1.36	1.52	5.24	3.43	7.06	4.02	6.00	3.32	0.25	1.56	4.39	39.73
Pulse	1.55	2.90	1.70	2.50	3.19	3.76	1.49	1.44	0.94	0.74	0.78	3.69	24.68
Red Lion		0.87	1.97	2.23	2.20	2.75	2.74	1.99	1.64	0.75	0.86	3.32	
Richfield					4.75	3.36	3.18	4.15	4.77	0.63	2.30	4.07	
Richwood	1.71	0.70	2.84	1.44	4.16	3.51	4.83	1.99	2.43	0.51	1.02	3.59	28.73
Ripley	0.99	1.31	1.40	3.72	2.35	5.52	0.59	2.37	1.77	0.96	1.40	4.08	26.46
Rittman	2.28	1.38	5.20	3.57	5.79	4.76	2.79	3.81	4.78	0.92	3.03	3.62	41.93
Rock					3.05	3.79	1.51	3.51	4.40	0.45	1.80	4.18	
Rockyridge	1.53	1.82	2.89	2.29	4.91	3.65	2.26	4.16	1.18	0.97	2.03	4.29	31.98
Rosewood	2.44	0.65	3.58	1.85	3.07	3.29	1.14	3.08	2.02			3.91	
*Sandusky	1.12	0.91	2.07	1.84	3.19	3.81	1.48	3.93	1.01	1.10	1.79	3.25	25.50
Shenandoah	1.39	1.11	4.23	1.86	5.66	5.31	2.98	4.51	4.25	0.38	1.55	3.71	36.94
Sidney	2.02	1.13	3.08	2.07	3.46	4.93	2.36	2.50	2.14	1.73	1.30	3.95	30.67

[1] G. A. Hyde.
[2] Rev. F. Odenbach.
[3] River observer.
[4] Corn and wheat region observer.
[5] Dr. D. B. Cotton.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Ohio—Continued.													
Sinking Spring	1.12	2.70	1.35	4.65	3.45	4.75	1.70	2.60	1.95	.....	.....	.....	.....
*Somerset	1.72	0.68	1.85	7.11	4.11	5.39	1.98	3.24	2.04	0.42	1.08	4.10	.....
Springfield	1.81	1.07	2.48	1.61	2.84	6.92	2.81	2.32	2.44	0.58	0.88	3.24	29.00
Strongsville	2.23	1.60	4.00	4.06	5.14	3.82	3.15	7.46	5.51	0.47	2.11	4.64	44.19
Swanton	2.01	1.44	2.05	2.12	3.58	6.68	3.71	2.55	1.32	1.36	1.92	3.88	32.62
Thurman	0.70	1.15	1.65	4.55	3.30	5.28	1.10	1.79	1.85	T.	2.15	3.85	27.37
Tiffin	1.86	1.64	2.47	2.05	5.74	2.61	4.69	2.52	2.36	0.84	1.36	4.06	32.20
*Toledo	1.38	1.13	1.94	2.37	2.85	3.32	2.68	3.91	0.87	1.06	1.25	3.53	26.29
Upper Sandusky	1.50	.....	.....	.....	3.40	6.22	2.32	1.84	1.77	0.41	1.30	2.89	.....
Urbana	2.36	0.99	3.32	1.74	2.61	3.84	4.51	2.50	1.99	0.90	0.81	3.27	28.84
Vanwert	1.68	1.46	2.04	2.11	6.63	2.32	1.63	1.50	1.74	2.24	1.28	4.64	29.27
Vermillion	1.64	1.21	2.84	2.34	3.16	2.59	2.39	3.14	1.48	0.74	1.96	.....	.....
Vickery	1.39	1.34	2.17	2.57	4.57	3.88	1.71	4.66	1.05	0.75	1.59	3.43	29.12
Walnut	1.30	0.60	1.53	3.21	3.67	5.39	2.79	3.19	2.35	0.36	1.04	3.76	29.19
Warren	1.89	1.60	3.77	6.61	3.32	5.77	2.93	4.22	6.62	0.67	2.37	4.43	44.20
Warsaw	1.92	1.06	2.14	3.58	4.33	3.62	2.34	9.06	2.67	0.58	1.26	3.64	36.20
*Wauseon	2.10	1.38	3.57	2.99	3.67	5.15	2.36	1.93	1.95	2.88	1.61	5.73	35.32
Waverly	1.41	1.46	1.65	4.35	4.05	4.41	4.66	3.92	2.00	0.42	1.74	4.22	34 29
Waynesville	1.83	1.34	2.20	1.95	3.43	3.80	2.22	[b]2.85	2.45	0.80	1.00	3.55	27.42
Wellington	1.63	1.85	2.94	2.44	3.62	3.29	3.50	3.63	1.95	0.32	1.36	2.58	29.11
Westerville	2.05	1.31	2.68	1.70	4.40	5.21	[d]1.01	.....	.....	0.58	.....	.....	.....
Willoughby	1.74	1.50	3.99	2.28	2.44	2.39	4.50	2.89	4.74	1.49	[d]2.04	.....	.....
Wooster	1.58	1.20	3.09	2.46	4.32	4.82	3.32	3.58	5.64	0.79	1.62	3.47	35.89
*Zanesville	1.51	0.82	2.13	6.52	3.30	4.63	2.72	6.13	1.56	0.25	1.19	4.17	34.93
Oklahoma.													
Arapaho	0.25	0.53	0.69	1.54	9.20	2.28	2.10	0.23	0.72	0.28	0.27	0.14	18.28
Beaver	0.10	0.05	0.37	3.63	2.85	0.36	1.36	0.58	2.06	0.97	0.22	.....	.....
Blackburn	0.94	0.92	3.25	3.20	5.60	4.17	0.62	1.20	2.78	2.80	1.26	1.86	28.60
Burnett	0.36	0.80	0.61	1.99	6.45	1.57	0.26	1.99	1.01	1.09	1.51	1.48	19.12
*Chandler	.....	.....	.....	.....	.....	.....	4.60	0.31	0.50	1.15	[b]0.50	1.35	.....
Clifton	0.75	1.13	0.52	1.79	3.21	3.12	1.68	1.41	1.22	3.50	2.65	1.98	22.96
Cloudchief	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.70	0.40	.....
*Enid	.....	.....	.....	.....	.....	[c]0.58	3.70	1.05	2.05	.....	.....	.....	.....
Fort Reno	0.45	0.57	2.81	1.77	5.61	1.35	0.36	1.93	1.00	1.75	0.82	0.76	19.18
Fort Sill	0.50	1.00	0.04	2.85	4.98	1.25	1.55	0.55	1.45	0.30	1.30	0.80	16.07
Guthrie[1]	0.27	0.91	2.36	1.17	4.30	1.55	1.41	0.51	2.55	1.60	1.94	0.76	19.33
Hennessy	0.95	1.23	1.56	2.00	5.25	1.35	1.82	0.43	1.14	2.22	0.97	0.40	19.32
Jefferson	0.40	0.63	0.72	3.97	2.49	5.93	4.90	1.46	2.06	.....	.....	.....	.....
Jenkins	0.25	0.39	0.45	7.89	2.57	0.51	1.86	0.88	1.44	2.28	0.30	0.10	18.92
Kenton	0.40	0.30	0.45	1.76	3.03	1.02	0.49	3.42	1.72	0.61	0.50	0.10	13.80
Kingfisher	0.90	1.01	2.49	1.72	5.00	1.98	2.26	3.31	3.65	2.60	0.70	0.51	26.13
Lyons[2]	0.23	0.77	0.64	.....	[c]5.98	1.10	2.42	2.17	3.09	2.45	0.58	0.29	.....
*Mangum	0.20	0.90	.....	3.15	12.25	2.35	0.83	1.00	1.05	1.70	0.80	.....	.....
Newkirk	0.55	1.40	2.14	4.75	4.54	2.75	4.24	1.06	4.24	1.60	1.25	0.27	28.79
Norman	0.55	1.53	0.47	2.22	6.74	.....	0.31	2.14	0.88	0.76	1.06	1.05	.....
*Oklahoma	0.51	0.64	0.35	1.28	3.64	1.62	0.02	3.03	0.67	1.34	1.38	1.26	15.74
Pawhuska	0.70	0.87	3.75	3.33	4.93	2.10	1.50	0.65	2.70	1.60	1.26	1.15	24.54
Perry	0.98	0.76	2.53	3.18	2.92	5.82	1.79	1.12	1.75	1.98	0.86	0.40	24.04
Poarch	.....	.....	.....	.....	9.59	.....	.....	.....	1.50	1.53	.....	.....	.....
Sac and Fox Agency	0.55	1.40	0.95	2.39	2.08	1.85	3.25	0.23	1.18	2.83	2.42	1.67	20.80
*Shawnee	.....	.....	.....	.....	.....	.....	0.93	0.95	1.22	1.24	1.38	1.13	.....
*Stillwater	0.62	0.59	2.95	1.29	4.70	0.79	1.48	1.95	1.11	2.11	0.95	1.44	19.98
Taloga	0.50	0.27	0.75	3.25	6.15	0.33	0.31	3.38	0.39	1.58	0.24	0.18	17.33
Texmo	T.	0.40	0.92	3.35	7.33	.....	.....	2.70	.....	.....	.....	.....	.....
Wankomis	0.45	0.79	1.65	2.62	5.63	1.08	3.03	0.61	2.77	1.70	0.85	T.	21.18
*Weatherford	.....	.....	.....	.....	.....	.....	0.07	0.71	0.51	2.03	0.47	0.31	.....
Woodward	0.50	T.	0.51	6.15	4.06	0.00	1.42	1.75	1.65	2.65	0.00	0.00	18.69
Oregon.													
Albany[3]	6.44	4.33	4.80	2.73	1.80	0.54	0.00	0.00	3.77	0.83	5.46	3.58	34.28
*Albany[4]	7.13	5.89	3.38	2.61	2.42	1.77	0.03	0.16	3.48	1.10	5.59	5.33	38.89
Alpha	17.96	14.74	8.94	9.20	4.05	0.99	0.55	T.	8.04	3.76	11.42	11.75	91.80
Arlington	.....	2.79	0.44	0.15	0.50	.....	T.	0.02	2.00	0.00	.....	1.57	.....
Ashland	2.74	2.85	1.19	0.99	1.74	0.20	0.00	0.54	2.23	0.96	1.41	3.36	18.21
*Astoria	10.84	9.49	8.59	7.84	3.23	3.14	1.12	0.06	4.71	4.38	14.56	9.91	77.87
Aurora	9.17	4.89	3.88	2.20	2.17	0.59	0.00	0.80	3.16	0.67	5.33	3.61	32.97
Aurora (near)	7.83	5.68	5.09	3.05	3.22	1.21	0.09	0.24	3.93	1.31	6.72	4.15	42.52
*Baker City	0.80	1.88	0.97	0.92	1.03	0.96	0.02	0.24	1.16	0.35	0.70	1.66	10.64
Bay City	14.59	13.27	11.20	11.60	6.38	3.86	2.68	0.17	7.76	5.75	17.74	12.42	107.42
Beulah	2.15	1.94	0.68	1.79	1.44	0.19	0.00	1.27	0.76	0.61	0.62	2.23	13.68
Blackbutte[5]	10.34	9.00	5.20	2.50	1.90	0.70	0.03	0.07	5.20	2.31	4.45	6.60	48.30
Blalock	.....	2.15	0.58	0.19	0.89	0.12	T.	0.18	1.18	T.	1.17	1.78	.....
Brownsville	10.07	3.06	2.27	1.97	2.44	1.34	0.00	0.00	2.33	0.58	4.56	6.37	34.99
Bullrun	11.77	11.63	10.04	5.75	4.35	5.17	0.53	0.12	.....	2.23	9.18	8.60	.....
Burns	1.20	1.67	0.30	0.34	0.12	0.15	0.00	0.22	0.07	0.07	.....	.....	.....
Burns (near)	.....	.....	.....	.....	1.08	0.09	0.00	.....	.....	.....	.....	.....	.....
*Cascade Locks	11.87	15.20	9.54	5.61	2.66	1.25	0.13	0.19	4.60	1.96	11.32	11.94	76.97
Comstock	7.28	5.99	3.82	3.31	2.02	0.37	0.00	.....	4.27	1.88	4.95	6.27	.....
Coquille	12.91	6.34	5.29	5.80	2.20	0.69	0.02	0.80	4.70	2.03	7.40	6.13	54.11
Corvallis	8.47	6.28	4.15	3.09	1.86	1.09	T.	0.18	2.72	2.23	6.21	5.08	41.36
Dayville	1.33	1.33	0.77	0.87	0.48	0.79	0.17	0.17	1.54	0.46	0.67	1.64	10.22
Ella	1.73	2.15	0.55	0.18	0.57	0.70	T.	0.10	0.96	0.06	1.05	1.72	9.77
Eugene	8.36	6.54	4.39	2.59	2.55	1.40	T.	0.36	4.09	1.44	4.34	4.95	40.01
Fairview	14.76	7.39	6.85	5.49	1.80	0.63	0.24	T.	6.30	*3.34	5.56	9.61	61.97
Falls City	16.29	11.19	7.92	8.24	3.05	0.82	0.06	0.30	7.42	3.90	13.84	9.61	81.74
Forestgrove	9.81	7.99	5.17	5.08	3.49	.....	.....	.....	.....	1.35	8.78	4.82	.....
Gardiner	17.28	11.17	7.86	7.66	4.56	2.77	0.10	0.20	5.92	4.63	10.43	9.82	82.40
Glenora	17.10	14.22	11.50	13.05	4.92	3.01	0.87	0.12	8.73	4.78	18.86	19.02	115.68
Government Camp	11.05	8.40	8.40	6.08	2.45	6.64	0.70	0.48	5.70	2.59	6.37	9.77	68.58

[1] Name of station changed from Vittum to Guthrie.
[2] Name of station changed from Prudence to Lyons.
[3] S. P. R. R. Co.
[4] River observer.
[5] Name of station changed from Harris October 1, 1901.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Oregon—Continued.													
Grants Pass	7.03	5.64	2.66	2.60	0.80	T.	0.16	0.39	3.01	1.33	2.27	4.33	30.22
Hare	19.39	11.85	9.25	8.30	3.52	1.19	0.28	3.00	8.58	4.38	12.97	11.81	94.52
Heppner	.....	2.49	0.94	0.15	.....	.....	.....	.....	1.68	0.12	0.70	2.16	.....
Hood River (near)	7.66	7.81	2.93	2.82	0.51	0.42	T.	0.27	3.30	0.12	6.29	4.75	36.88
Huntington	.....	3.02	0.97	1.21	0.52	0.22	0.00	0.29	0.51	0.13	0.50	2.25	.....
Jacksonville	10.20	4.86	1.82	1.10	1.28	0.04	0.02	0.70	2.45	1.46	2.31	4.13	30.37
Joseph	1.95	0.80	1.55	0.28	1.41	1.57	0.02	0.40	1.27	0.18	0.88	1.43	11.74
Junction	7.79	5.90	3.13	2.62	T.	.....	.....	.....	.....	0.57	3.28	4.50	.....
Kerby	14.92	12.26	6.02	5.55	1.90	0.00	0.00	0.51	4.55	2.22	7.41	8.07	63.41
Klamath Falls	.....	.....	.....	.....	.....	.....	.....	.....	1.03	0.90	1.29	2.29	.....
Lafayette	8.23	6.86	4.43	2.36	2.28	1.16	0.00	.....	2.49	0.74	3.67	3.38	.....
Lagrande	1.78	3.37	1.74	1.00	1.54	1.15	0.27	0.15	2.10	0.88	1.80	2.78	18.56
Lakeview	3.01	2.58	0.59	1.07	[a]0.69	T.	0.00	0.27	1.09	1.29	1.73	2.78	15.10
Lonerock	2.67	.....	.....	0.96	1.06	0.39	0.21	0.28	3.00	0.13	1.64	2.27	.....
McMinnville	10.24	7.07	5.81	5.11	2.40	1.04	T.	0.88	4.83	1.40	7.71	5.26	51.75
Merlin	4.18	6.29	1.86	1.98	0.38	0.00	0.05	0.28	2.17	0.58	2.86	4.02	24.65
Monroe	11.43	6.18	4.99	4.09	2.38	0.86	0.12	0.50	4.43	1.29	6.40	6.38	49.05
Mount Angel	7.58	6.65	4.23	3.23	2.59	1.19	0.05	0.55	3.40	1.65	7.29	4.78	43.14
Nehalem	14.73	15.81	9.56	8.10	5.08	3.79	2.52	0.02	7.33	6.20	17.13	12.75	103.02
Newberg	9.15	6.69	5.36	4.29	2.73	1.11	0.12	.....	4.61	1.62	7.67	4.53	.....
Newbridge	0.58	1.62	1.94	1.95	1.50	0.24	T.	0.51	1.59	0.15	.....	.....	.....
Newport	10.89	8.78	7.64	7.63	4.99	2.48	0.41	0.31	3.40	5.53	11.03	6.90	69.99
Pendleton	1.58	2.67	1.41	0.69	1.42	0.65	0.44	0.09	1.78	0.54	1.39	1.98	14.64
Placer	7.06	6.05	4.00	3.42	1.50	0.12	0.42	0.43	3.42	2.28	5.04	3.83	37.57
*Portland	7.80	6.52	4.12	4.06	2.41	1.39	0.12	0.17	3.57	0.75	6.14	4.01	41.05
Prineville	0.72	2.09	0.66	T.	0.37	0.10	T.	T.	2.42	0.05	0.15	1.25	7.81
Riddles	7.16	3.72	2.83	2.72	0.83	0.85	0.00	1.29	2.26	2.10	3.92	3.38	31.06
Riverside	0.40	2.12	0.14	1.02	0.50	0.35	T.	0.34	0.38	0.42	0.44	1.24	7.35
*Roseburg	8.35	4.49	3.13	1.60	1.97	0.41	0.17	0.58	3.81	2.00	2.76	5.10	34.37
*Salem	5.87	4.04	4.19	2.98	1.70	0.50	0.02	0.20	2.46	1.36	4.86	3.54	31.22
Shaniko	.....	.....	.....	.....	.....	.....	T.	0.30	2.23	0.40	.....	.....	.....
Sheridan	9.02	5.17	4.63	4.23	1.60	1.00	0.00	0.25	3.05	1.23	5.70	5.35	41.23
Silverlake	0.08	1.69	0.30	0.10	0.34	0.04	.....	.....	1.09	1.51	0.57	.....	.....
Silverton	7.40	6.08	4.98	3.16	2.50	1.71	0.25	0.71	2.96	1.17	5.31	5.18	41.41
Siskiyou	10.20	.....	.....	.....	0.30	.....	0.10	1.27	3.03	1.92	2.17	4.47	.....
Sparta	2.00	2.50	1.10	1.38	2.00	[a]1.40	0.50	1.15	2.17	1.07	1.92	3.50	20.69
Springfield	8.98	5.73	4.18	3.08	5.44	0.91	0.00	0.23	3.27	1.35	.....	5.24	.....
Stafford	11.96	7.11	5.74	4.11	3.42	2.23	0.19	0.26	4.73	1.41	8.08	4.54	53.78
*The Dalles	3.46	4.15	0.68	0.09	0.39	0.20	T.	0.16	1.84	0.13	1.69	3.04	15.83
Tillamook	.....	.....	.....	4.09	2.01	2.39	1.04	0.06	2.29	3.17	6.15	.....	.....
Toledo	10.63	5.44	7.09	7.01	4.67	1.93	0.25	0.11	3.71	4.69	10.05	8.65	64.23
*Umatilla	0.92	1.85	0.60	0.15	0.85	0.48	0.02	0.15	0.95	T.	0.49	1.11	7.57
Vale	0.98	2.11	0.59	1.04	0.65	0.47	T.	0.46	0.34	0.45	0.51	1.62	9.22
Westfork	10.87	6.63	4.52	3.95	0.74	0.13	0.00	0.38	3.14	2.23	2.39	2.68	37.66
Weston	2.56	3.40	3.70	1.27	1.69	0.90	0.27	T.	2.93	0.67	1.99	3.03	22.41
Williams	8.07	5.81	2.02	1.26	1.07	T.	T.	0.03	2.73	1.64	3.28	5.51	31.42
Pennsylvania.													
Aleppo	1.71	0.60	1.52	4.40	5.90	4.16	3.46	3.40	3.98	0.54	2.77	4.79	37.23
Altoona	1.89	0.78	4.07	6.22	5.85	4.04	5.83	5.34	2.29	0.59	2.03	4.92	44.15
Athens	0.74	0.45	3.82	5.40	6.14	4.11	3.22	4.79	2.33	1.48	3.16	4.47	39.15
Beaver Dam	2.20	0.82	3.67	7.19	5.20	7.37	2.53	4.34	3.71	0.25	2.19	2.62	42.09
Bellefonte	2.08	0.95	3.98	5.10	6.87	3.26	3.62	11.25	2.76	0.24	2.28	6.06	47.45
Bethlehem	.....	.....	4.94	4.42	4.56	.....	3.66	6.85	3.18	2.36	1.35	6.83	.....
*Brookville	1.68	0.74	1.78	5.82	5.06	3.98	2.73	8.61	2.47	1.08	3.94	3.32	41.20
Browers Lock	3.11	0.95	4.99	4.99	4.58	2.77	5.14	6.50	3.13	1.33	3.02	7.68	48.19
Butler	2.83	1.90	5.11	7.56	5.43	7.45	3.36	9.12	3.20	0.60	.....	.....	.....
California	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.56	2.25	4.24	.....
Carlisle	1.99	0.82	2.09	1.46	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cassandra	2.54	2.75	3.49	5.34	5.83	4.21	3.71	5.42	3.13	0.70	3.73	3.73	44.58
Centerhall	.....	.....	.....	.....	.....	.....	5.45	11.30	2.73	0.71	2.46	.....	.....
Chambersburg	1.54	0.27	2.74	9.18	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Clarion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.69	4.00	.....
Coatesville	3.12	1.03	5.73	5.88	5.30	2.55	5.51	8.49	5.00	1.73	2.82	9.24	.....
*Confluence	2.91	1.25	4.35	5.86	6.32	1.99	3.55	4.07	2.49	0.85	2.88	4.65	41.17
Davis Island Dam	1.80	0.75	3.46	7.56	6.16	6.51	2.46	6.12	2.21	0.52	2.12	5.13	44.80
Derry Station	3.55	1.73	4.49	8.41	7.26	4.27	4.48	.....	.....	.....	[b]3.45	5.12	.....
Doylestown	2.35	1.51	4.80	5.34	6.06	3.29	7.20	8.18	4.30	0.96	2.85	7.96	54.80
Drifton	1.90	0.55	5.00	3.60	6.20	.....	3.11	[b]8.99	.....	.....	.....	.....	.....
Driftwood	1.97	0.45	3.15	5.30	5.97	2.91	3.68	7.53	4.03	1.21	1.48	5.30	43.01
Duncannon	1.90	0.21	4.76	3.49	8.34	1.98	2.66	6.58	2.47	2.12	1.78	5.97	42.26
Dushore	1.10	0.78	4.37	5.50	6.90	3.84	5.34	10.59	3.33	2.71	2.87	7.18	53.96
Dyberry	1.98	0.91	4.20	.....	.....	.....	.....	5.65	3.32	1.28	2.15	6.66	.....
East Bloomsburg	1.32	0.66	3.41	3.45	5.59	2.33	1.64	11.03	2.42	2.56	2.18	6.10	42.09
East Mauch Chunk	2.06	0.89	6.20	4.68	6.34	1.98	2.61	10.88	6.10	2.00	2.00	10.25	55.99
Easton	2.14	0.71	5.44	4.39	5.89	2.29	3.11	6.96	2.71	1.19	1.53	6.90	43.26
*Ellwood Junction	2.67	0.86	4.84	8.35	6.30	6.23	1.82	7.06	3.11	0.23	3.09	3.79	47.84
Emporium	2.55	1.08	3.01	5.03	6.74	4.39	4.07	6.29	4.05	1.23	2.94	5.22	46.60
Ephrata	2.40	0.77	3.66	3.73	3.94	1.58	5.61	6.12	2.96	1.25	1.89	5.67	39.08
*Erie	1.80	1.34	1.99	3.20	2.24	2.48	2.27	5.37	2.99	1.69	2.96	3.84	31.67
Everett	1.51	0.78	4.55	5.16	5.80	5.21	5.22	10.35	2.33	0.35	2.50	5.54	49.30
Forks of Neshaminy	2.78	0.99	6.23	4.77	5.83	2.39	7.34	8.37	6.41	1.38	2.40	7.94	56.83
Franklin	2.31	1.12	4.51	5.64	4.00	1.72	2.87	7.30	5.66	0.63	2.98	3.51	42.25
*Freeport	2.99	0.97	4.52	8.93	7.81	7.13	2.92	7.87	2.44	0.64	3.13	4.38	53.73
Girardville	2.48	1.08	5.68	2.52	5.59	1.89	3.21	12.05	4.20	2.81	2.51	7.87	51.34
Grampian	2.03	1.98	1.88	5.22	3.51	.....	.....	4.22	2.95	0.26	.....	.....	.....
*Greensboro	1.83	0.43	2.62	7.09	7.00	5.88	2.59	8.66	4.59	0.27	2.74	5.64	44.34
Hamburg	3.11	1.03	6.09	4.80	6.55	4.55	4.88	13.65	5.10	1.75	2.19	7.19	60.89
Hamlinton	.....	1.17	2.28	5.00	7.96	2.17	3.94	6.15	3.28	2.15	3.80	6.34	.....
*Harrisburg	1.83	0.53	3.60	2.88	5.98	1.13	1.52	2.99	2.16	1.15	1.29	4.75	29.81
Hawthorn	2.68	1.26	4.47	7.10	.....	8.58	2.71	5.31	2.21	2.36	3.86	4.40	.....
Herrs Island Dam	1.87	0.74	3.69	7.73	5.61	4.60	2.82	3.87	2.04	0.33	1.64	4.54	39.48

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Pennsylvania—Continued.													
Huntingdon[1]	1.97	0.45	4.18	5.15	5.45	2.36	6.69	5.50	3.15	0.76	1.59	6.73	43.98
Huntingdon[2]	1.32	0.67	3.30	4.18	[a]5.19	1.59	5.20	5.63	2.49	1.50	0.94	5.61	37.62
Irwin	1.27	0.60	3.93	7.77	4.81	4.34	3.36	3.25	1.78	0.77	2.22	3.60	37.73
*Johnstown	3.52	1.92	4.79	6.06	6.45	6.14	2.00	3.94	3.87	0.73	2.90	5.16	47.48
Karthaus	0.88	0.50	.....	.....	.....	.....	1.23	.....	.....	.....	1.06	3.30	.....
Keating	1.99	0.72	3.45	5.41	4.74	2.17	3.90	6.08	4.06	0.72	2.49	.....	.....
Kennett Square	3.13	1.01	4.65	5.69	3.62	1.63	4.91	9.23	4.25	1.28	3.15	8.66	51.21
Lancaster	2.46	1.14	3.99	.....	.....	.....	.....	.....	.....	1.33	1.61	.....	.....
Lansdale	2.24	0.38	4.20	5.34	5.06	1.87	6.68	5.74	2.95	1.42	2.59	6.66	44.63
Lawrenceville	1.60	0.90	3.45	5.64	3.90	1.61	2.99	5.08	2.06	1.64	2.78	6.22	37.76
Lebanon	2.46	0.84	4.36	4.02	6.05	3.24	3.61	8.66	3.65	1.40	1.39	6.35	46.03
Leroy	0.99	0.75	4.21	4.68	5.34	3.44	3.22	5.40	3.70	1.16	2.83	8.26	43.98
Lewisburg	1.67	0.74	4.49	4.39	7.95	2.09	5.02	10.60	3.85	1.16	1.75	6.90	50.61
Lockhaven	2.46	1.16	3.94	4.70	7.11	3.48	2.33	7.50	3.20	1.25	2.77	5.70	45.60
Lockhaven[2]	2.32	0.80	4.11	5.67	7.42	3.53	3.21	6.54	4.38	1.37	2.90	5.72	47.97
*Lock No. 4	1.44	0.47	3.43	8.52	5.68	3.96	4.90	2.48	2.70	0.77	1.75	5.22	41.32
Lycippus	2.83	1.15	3.55	8.23	7.17	4.49	3.91	3.19	3.06	0.48	3.02	4.79	45.87
Mifflin	2.00	0.30	.....	2.30	7.20	2.95	4.25	3.85	2.80	1.15	2.50	3.40	.....
*Oil City	2.55	1.76	4.34	5.99	5.14	5.37	3.42	4.11	6.61	0.39	3.96	4.31	[illegible]95
Ottsville	2.68	.....	.....	4.86	4.88	2.03	3.49	.....	.....	1.67	.....	.....	.....
*Parker	2.75	1.02	4.66	7.57	5.25	4.57	2.39	7.58	4.32	0.75	4.53	4.86	50.56
*Philadelphia	2.47	0.86	3.39	4.77	4.05	1.15	4.88	9.42	3.68	1.51	2.64	6.72	45.54
Philadelphia[4]	2.67	1.00	3.41	5.13	4.71	1.85	5.00	10.39	6.30	1.72	2.92	7.07	52.17
*Pittsburg	1.98	0.91	3.69	8.11	5.80	4.41	2.84	4.04	1.96	0.38	1.80	4.84	40.76
Pocono Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.35	1.69	7.04	.....
Point Pleasant	2.55	0.78	4.35	5.87	5.59	0.88	3.00	8.31	1.77	1.16	2.04	7.34	43.64
Pottstown	2.70	0.50	5.19	4.84	5.06	2.52	3.81	5.64	2.16	2.20	1.85	8.15	44.61
Quakertown	2.57	0.99	5.11	5.54	4.86	2.48	2.22	6.24	3.07	1.73	1.97	8.08	44.86
Reading	2.40	0.67	3.92	5.01	3.38	3.12	3.56	5.92	3.67	1.50	1.79	5.97	40.91
Renovo[2]	1.58	0.85	3.46	6.22	5.46	6.01	3.31	7.30	3.48	0.78	2.65	4.86	45.96
Renovo[5]	1.37	0.91	3.22	5.71	5.58	5.77	2.75	7.99	3.21	0.75	2.62	4.99	44.87
Saegerstown	2.52	1.74	5.21	4.83	4.62	5.63	2.25	7.15	6.53	1.28	3.80	3.33	48.89
St. Marys	1.86	1.43	.....	5.92	6.93	4.20	3.85	5.25	3.25	1.45	3.39	4.26	.....
*Saltsburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.20	4.40	.....
*Scranton	1.17	1.34	3.23	3.44	5.58	1.82	4.12	6.88	2.35	1.11	2.58	5.64	39.26
Seisholtzville	2.51	0.83	6.67	5.85	4.96	2.50	5.09	13.15	3.97	2.07	2.18	7.30	57.08
*Selinsgrove	2.03	0.80	4.11	3.73	7.73	2.50	5.59	8.50	3.52	1.34	1.66	4.84	46.35
Shawmont	2.59	0.69	3.95	4.21	4.02	1.48	3.61	8.58	3.73	1.29	2.82	6.87	43.79
Shinglehouse	.....	.....	.....	4.01	5.18	2.76	2.67	5.47	3.32	.....	.....	.....	.....
Sinnamahoning	1.49	0.88	1.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Smethport	2.40	0.60	4.10	5.70	5.16	3.73	4.70	5.64	5.27	1.10	4.50	4.45	47.35
Smiths Corners	2.86	0.45	4.88	5.18	5.46	1.34	3.17	8.12	3.17	1.33	1.93	7.72	45.11
Somerset	4.41	2.58	7.21	7.85	7.23	3.73	4.60	4.98	3.83	0.90	2.63	5.49	55.44
South Eaton	0.92	0.81	3.73	4.21	6.70	3.01	5.32	5.76	2.66	1.94	1.69	6.16	42.91
State College	1.82	0.73	3.71	4.62	6.14	2.46	3.60	8.97	2.35	0.40	2.06	6.59	43.45
Sunbury	1.25	0.60	2.10	1.83	.....	.....	1.60	8.70	1.60	1.05	1.00	5.40	.....
Swarthmore	2.31	0.60	.....	4.75	3.38	.....	4.00	8.72	2.25	1.02	2.70	6.97	.....
*Towanda	0.91	0.45	3.92	4.65	7.58	4.26	3.51	4.79	3.95	1.31	2.43	6.00	43.76
Troutrun	1.43	0.85	3.98	8.19	8.50	4.83	5.66	6.99	4.04	2.24	4.50	6.93	58.41
Uniontown	3.00	0.67	4.86	8.55	6.25	7.61	2.38	3.68	4.46	0.46	3.74	7.12	52.78
*Warren	3.06	1.18	3.66	2.53	3.66	4.02	6.00	8.82	3.59	1.29	5.00	3.10	46.51
Wellsboro	1.27	0.80	2.53	4.46	4.23	4.17	2.27	5.04	2.14	0.39	3.59	5.66	36.55
Westchester	3.02	0.88	4.93	6.18	4.61	1.32	6.65	8.52	3.99	1.92	3.14	8.59	53.75
*West Newton	1.79	0.78	3.25	8.69	4.60	4.81	4.02	3.56	2.05	0.47	2.17	5.23	41.42
Westtown	3.08	0.76	4.43	.....	3.16	[b]1.29	.....	.....	[b]2.11	1.23	2.94	[b]6.25	.....
*Wilkesbarre	2.10	0.75	3.81	3.11	5.36	2.48	2.74	7.23	1.64	2.55	1.23	5.98	38.98
Williamsport	1.40	0.66	3.63	5.57	6.34	2.99	3.29	5.18	3.21	1.59	2.59	5.86	42.31
York	2.72	0.53	3.94	2.51	2.55	1.55	3.33	6.27	2.36	1.59	2.50	6.17	36.02
Rhode Island.													
*Block Island	1.95	0.83	5.60	6.53	5.93	2.56	1.24	3.82	4.07	3.44	2.62	8.67	47.26
Bristol	1.21	0.55	5.52	5.88	7.14	1.21	3.89	2.56	2.69	2.64	1.77	9.16	44.22
Kingston	2.44	1.13	8.58	8.78	6.98	1.32	4.05	1.98	4.05	2.93	3.04	10.30	55.58
*Narragansett	2.29	1.17	7.03	6.73	6.55	1.74	2.15	2.84	3.17	2.64	2.79	9.33	48.43
Pawtucket	2.10	1.21	7.67	7.04	6.61	0.86	2.83	2.40	4.00	3.13	2.31	8.42	48.58
Providence[6]	1.93	1.00	8.10	8.90	6.85	1.00	2.93	2.56	4.17	2.98	2.24	9.40	52.06
Providence[7]	2.14	1.01	8.19	8.31	6.95	1.04	3.46	2.66	4.27	3.08	2.72	9.18	53.01
South Carolina.													
*Allendale	.....	.....	.....	2.90	9.05	4.97	3.87	6.75	2.17	0.62	0.40	.....	.....
Anderson	.....	.....	.....	.....	.....	.....	4.20	17.35	8.90	0.98	0.67	8.80	.....
Barksdale	.....	.....	.....	.....	.....	.....	.....	.....	6.06	0.77	0.55	7.27	.....
*Batesburg	3.75	4.55	4.40	6.47	5.94	4.68	0.82	6.62	5.49	1.60	1.01	6.83	52.06
Beaufort	3.28	4.52	2.30	3.11	2.17	8.62	4.48	3.23	0.44	0.60	1.36	1.59	35.60
*Blackville	3.80	3.42	3.59	.....	7.42	6.34	2.97	4.33	2.32	0.78	1.07	4.17	.....
Bowman	.....	.....	.....	.....	.....	.....	.....	.....	0.30	1.32	1.01	2.23	.....
*Calhoun Falls	5.54	3.31	5.88	7.13	9.17	5.84	2.09	13.48	5.16	1.14	0.99	7.16	66.39
*Camden	3.75	2.52	6.49	5.14	6.28	6.34	3.69	9.75	8.24	0.45	0.83	5.37	58.65
*Charleston	2.25	3.58	2.40	1.64	4.30	4.15	5.53	4.95	0.40	0.86	0.79	1.85	32.70
*Cheraw[8]	3.10	1.91	3.80	4.51	10.19	9.70	6.20	12.25	8.40	0.18	0.61	4.66	65.51
*Cheraw[2]	2.95	1.95	3.64	4.63	10.19	10.05	5.66	12.15	7.28	0.25	0.56	4.71	64.02
Clemson College	5.32	3.77	6.18	6.69	7.16	7.92	2.56	13.17	6.88	0.30	0.75	9.50	70.15
*Columbia	3.34	3.11	4.50	4.04	8.52	4.94	2.58	7.76	6.13	0.47	0.95	4.88	51.22
*Conway	3.30	4.08	5.34	3.20	8.02	5.79	7.87	5.59	3.50	1.10	1.40	5.21	54.40
Darlington	3.63	2.07	4.45	4.18	9.02	5.99	6.69	5.81	4.74	0.33	1.48	5.01	53.40
Due West	.....	.....	.....	.....	.....	.....	.....	.....	5.59	0.73	0.52	6.94	.....
*Edisto	3.18	2.39	4.23	3.99	8.15	5.83	2.89	5.20	4.48	1.30	0.78	4.21	46.63

[1] Prof. W. J. Swigart.
[2] River observer.
[3] Prof. J. A. Robb.
[4] Jno. Comly.
[5] F. C. Eyster.
[6] City engineer.
[7] Ladd Observatory.
[8] Cotton region observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
South Carolina—Continued.													
*Effingham	4.31	3.50	2.73	4.84	7.08	6.26	4.10	6.72	4.95	1.42	1.82	4.05	51.78
*Florence	3.41	2.62	3.07	4.74	8.36	6.09	4.37	9.96	3.88	0.88	1.20	3.67	52.25
Gaffney	2.91	2.72	5.06	7.64	5.14	4.36	2.47	16.26	8.01	1.02	1.41	9.62	66 62
Georgetown	5.15	5.40	4.27	2.95	7.50	11.65	13.25	7.40	.....	T.	3.10	4.85	.....
Gillisonville	2.61	4.08	3.68	4.06	5.40	7.96	4.64	7.90	2.37	0.71	0.96	1.28	45.62
*Greenville	4.95	3.80	8.68	7.13	7.48	7.99	4.51	15.72	7.35	0.82	0.68	9.22	77.83
*Greenwood	3.96	3.84	4.24	6.48	8.31	5.09	2.58	8.61	5.92	1.22	0.90	7.65	58.80
*Kingstree[1]	3.82	2.63	3.24	2.76	5.26	7.33	2.33	4.28	2.21	0.85	1.54	2.81	39.06
*Kingstree[2]	4.23	2.53	3.18	2.92	5.41	7.40	2.39	3.85	2.30	1.21	1.62	2.91	39.35
Liberty	5.60	3.34	8.68	8.07	5.46	8.26	6.89	13.32	5.64	0.69	1.03	9.54	76.52
Little Mountain	3.27	3.38	4.15	8.11	6.31	7.45	2.13	9.75	4.35	1.73	1.13	5.13	56.89
Longshore	4.39	3.53	4.65	7.42	4.08	4.21	5.51	12.08	4.48	1.87	1.47	5.95	59.14
Lugoff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.57	5.68	.....
McCall	2.97	1.42	3.09	3.29	9.28	4.04	.....	.....	.....	.....	.....	.....	.....
Pinopolis	1.20	4.14	2.27	4.16	5.69	11.92	3.93	3.61	2.78	0.86	1.32	2.15	44.03
*St. Georges	3.22	1.78	2.66	4.73	5.55	3.91	5.22	7.61	2.15	0.42	0.86	3.47	41.58
*St. Matthews	4.42	2.88	2.88	4.57	5.77	4.41	3.05	5.60	4.07	0.66	0.70	3.93	42.94
*St. Stephens	3.64	3.66	4.17	3.11	6.69	6.62	3.70	7.94	3.70	0.57	1.19	2.39	47.38
Santuck	3.06	3.17	4.91	6.78	5.46	4.16	2.66	12.28	6.34	0.92	0.85	6.49	57.08
Seivern	.....	.....	.....	.....	.....	.....	.....	.....	5.99	0.61	0.99	.....	.....
Shaws Fork	4.39	2.58	5.19	5.30	8.63	.....	.....	.....	.....	.....	.....	.....	.....
*Smiths Mills	3.88	2.81	5.63	4.08	9.97	6.80	6.65	8.47	3.95	2.70	1.12	4.40	60.46
Societyhill	2.76	1.95	3.83	3.63	10.60	6.11	9.61	5.50	7.46	0.20	1.10	5.12	57.77
*Spartanburg	3.06	2.80	7.19	7.29	9.47	6.56	3.49	15.66	5.81	1.01	0.96	10.23	73.53
Statesburg	3.76	2.82	3.75	6.36	9.42	7.75	4.27	5.17	3.36	0.56	1.50	5.31	54.03
Summerville	2.93	3.41	3.00	4.50	4.93	7.64	5.15	7.78	0.91	1.03	0.96	2.36	44.60
Temperance	5.60	2.43	3.14	4.78	11.69	4.14	10.40	9.42	4.81	0.62	1.11	4.37	62.41
Trenton	3.86	3.47	4.27	6.73	5.88	7.22	3.33	8.01	7.25	2.86	1.12	5.67	59.67
Trial	2.91	3.96	3.26	3.07	6.70	9.78	1.13	3.89	2.57	0.46	1.32	2.43	41.51
Walhalla	5.12	2.95	8.24	7.55	5.26	3.60	2.84	17.63	4.22	0.55	0.36	7.41	65.73
Winnsboro	2.26	1.28	3.89	6.59	12.09	4.92	0.65	9.16	4.35	1.35	0.63	3.85	51.02
Winthrop College	2.64	2.19	3.99	7.19	13.08	7.88	4.08	10.60	4.73	0.58	1.04	6.14	64.14
*Yemassee	2.86	2.58	2.27	3.45	3.56	9.34	4.64	5.11	1.36	0.89	0.83	1.49	38.38
Yorkville	2.42	2.40	8.13	10.58	8.03	3.81	3.06	12.75	6.81	0.69	0.89	6.71	66.28
South Dakota.													
*Aberdeen	T.	0.20	.....	1.95	1.00	5.82	2.42	3.16	5.10	1.54	0.25	0.20	.....
Academy	0.08	0.24	0.72	2.08	1.83	7.25	1.92	4.67	5.25	2.70	0.09	1.00	27.83
Alexandria	0.10	0.40	0.90	1.70	2.70	5.61	2.32	2.13	6.12	1.21	T.	1.45	24.64
Armour	0.21	.....	.....	1.37	1.19	9.46	2.16	4.86	7.15	2.12	0.19	1.35	.....
Asheroft	0.20	0.30	0.50	0.40	0.19	5.82	0.96	1.23	0.96	0.06	0.23	0.60	11.39
Bad Nation	0.07	0.37	*0.97	1.26	0.52	5.92	.....	*2.51	1.91	1.92	0.23	0.41	.....
Bowdle	T.	T.	0.74	1.07	0.63	5.48	3.00	1.91	4.17	2.07	0.15	0.35	19.57
Brookings	0.09	0.28	0.50	1.40	1.80	4.51	1.66	2.94	5.09	0.74	0.60	0.15	19.76
Bulkley	.....	.....	0.22	1.03	0.73	4.37	.....	.....	.....	.....	.....	.....	.....
Canton	0.15	T.	0.90	1.48	3.10	4.12	0.48	1.93	5.07	1.42	0.95	0.09	19.69
Centerville	0.16	0.67	1.02	1.64	3.64	7.72	1.45	2.84	5.80	1.52	0.89	0.80	28.15
Chamberlain	0.08	0.27	1.38	0.85	1.33	9.03	1.35	4.82	4.41	2.56	0.03	0.51	26.62
Clark	0.10	0.20	0.78	1.97	2.41	5.51	2.76	2.16	8.41	1.55	0.28	0.64	26.77
Desmet	0.20	0.70	2.30	2.70	2.70	8.39	0.88	2.53	6.60	1.62	1.12	1.25	30.99
Doland	0.09	0.85	0.53	2.79	2.86	6.37	2.31	3.13	9.74	1.42	0.35	0.56	30.50
Elkpoint	0.34	0.45	1.10	1.59	2.39	4.97	1.14	2.10	7.94	1.70	0.82	1.24	25.78
Farmingdale	T.	0.33	.....	1.93	1.16	5.90	2.25	2.20	2.75	1.90	0.14	0.44	.....
Faulkton	0.15	0.21	0.50	1.19	1.17	4.48	1.89	2.57	3.12	1.75	0.14	0.25	17.42
Flandreau	0.05	0.49	0.54	2.81	1.98	4.83	1.04	4.27	4.27	1.24	0.90	0.30	22.72
Forestburg	0.05	0.31	0.75	1.49	1.95	6.60	1.82	1.79	6.64	0.87	0.03	0.50	22.80
Fort Meade	0.47	0.99	1.71	1.68	2.83	6.78	2.83	2.75	1.35	0.83	0.17	0.89	23.28
Fort Randall	.....	0.50	0.10	1.29	1.33	10.01	.....	.....	.....	.....	.....	.....	.....
Gannvalley	0.30	0.25	.....	.....	2.47	9.55	1.18	2.33	4.84	2.57	0.07	0.65	.....
Gary	0.15	0.30	0.97	1.00	1.14	5.40	1.80	1.75	6.62	.....	0.35	0.15	.....
Grand River School	T.	0.18	0.23	0.71	0.21	4.45	1.93	2.87	1.60	0.69	0.19	0.53	13.59
Greenwood	0.24	0.49	0.71	1.72	1.68	11.62	0.56	3.73	5.31	1.76	0.48	1.13	29.43
Hartman	0.09	0.34	0.64	1.75	2.71	*4.33	1.57	1.87	5.05	1.31	1.06	0.25	20.97
Highmore	0.30	0.05	0.60	1.00	0.72	5.93	2.68	2.34	3.93	.....	.....	.....	.....
Hitchcock	.....	.....	.....	1.34	2.74	5.56	2.24	2.73	6.46	2.84	.....	.....	.....
Hotch City	0.10	0.16	0.94	1.48	0.66	7.07	1.35	2.86	2.31	2.12	0.05	0.29	19.39
Howard	0.26	0.18	0.60	2.40	2.90	6.05	2.31	2.06	4.94	0.95	0.41	0.61	23.59
*Huron	0.13	0.28	0.79	0.86	1.78	6.46	0.64	2.50	6.75	1.11	0.08	0.60	21.98
Interior	T.	0.95	1.35	0.87	0.18	.....	.....	.....	.....	2.23	0.09	0.56	.....
Ipswich	0.02	T.	0.05	1.10	1.78	5.50	3.10	1.93	1.90	2.35	0.02	0.13	17.88
Kimball	0.16	0.21	1.14	0.98	1.35	8.42	0.66	4.00	6.93	1.61	0.13	0.93	26.52
Leola	T.	0.20	0.32	1.12	1.20	4.35	2.88	0.59	1.78	2.00	.....	0.41	.....
Leslie	T.	0.08	0.71	1.23	0.56	4.03	1.90	1.78	3.16	0.49	0.30	0.40	14.64
Marion	.....	.....	.....	.....	3.17	9.11	0.99	2.29	5.16	2.29	T.	0.24	.....
Mellette	0.10	0.15	0.16	1.08	1.27	6.03	1.78	1.15	5.87	2.47	0.02	0.29	20.37
Menno	0.11	0.15	0.57	1.45	2.41	9.97	1.18	2.45	6.01	1.62	0.60	0.76	27.28
*Millbank	0.30	0.30	2.27	2.28	1.03	3.73	1.59	0.99	6.68	1.37	0.40	0.55	21.49
*Mitchell	0.11	0.20	0.86	1.34	1.92	6.58	2.25	1.95	6.72	2.35	0.25	0.30	24.83
Mound City	T.	0.27	0.62	0.12	0.58	5.12	3.69	1.88	1.65	1.64	0.05	0.35	15.92
Oelrichs	0.00	1.40	1.35	2.95	1.55	8.50	0.70	0.90	1.64	4.70	0.05	1.20	24.34
Parker	0.07	0.09	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Pierre	0.08	0.53	1.09	1.26	0.63	4.45	1.76	3.23	1.20	1.77	0.18	0.86	17.04
Pine Ridge	T.	0.42	0.71	1.54	1.96	5.36	1.54	0.80	1.14	2.63	0.07	0.27	16.44
Plankinton	0.04	0.10	1.65	1.21	1.68	9.10	0.88	2.17	9.42	1.64	0.09	0.47	28.45
*Rapid City	0.07	0.53	0.49	1.86	2.43	7.53	4.83	2.52	1.30	1.16	0.14	0.38	23.25
*Redfield	0.03	0.18	0.27	1.03	2.06	6.07	1.50	2.89	6.63	2.39	0.12	0.43	23.85
Rochford	0.28	0.61	2.10	2.40	2.37	5.03	2.23	2.63	1.21	1.09	0.48	2.13	22.56
Rosebud	0.10	1.10	2.60	2.66	1.54	7.52	1.84	2.75	1.23	1.07	0.04	0.33	22.78
St. Lawrence	0.02	0.10	0.50	1.80	2.34	5.85	1.18	3.75	7.40	2.31	0.04	0.22	25.51

[1] Cotton region observer.

[2] River observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
South Dakota—Continued.													
Silver City	T.	0.69	0.87	1.99	2.40	4.84	2.58	3.18	0.92	0.84	0.34	1.20	19.85
Sioux Falls	T.	0.10	0.88	2.29	1.82	5.12	1.40	2.02	5.91	1.44	0.90	0.05	22.53
Sisseton Agency	0.17	0.27	1.86	3.47	3.64	5.55	1.76	1.12	7.42	1.77	0.17	0.43	27.63
Spearfish	0.38	0.76	1.95	0.97	1.86	5.22	2.94	2.06	0.68	1.45	0.08	0.79	19.14
Tyndall	0.18	0.49	.....	[b]1.00	.....	9.44	0.66	.....	.....	.....	.....	.....	.....
Vermillion	0.17	0.37	0.87	1.89	2.60	5.51	1.57	2.40	12.41	1.42	1.63	0.94	31.18
Watertown	0.13	0.25	0.38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waubay	0.10	0.43	0.78	1.63	1.98	5.61	2.27	2.89	7.00	1.77	0.08	0.14	24.68
Wentworth	0.12	0.23	0.31	1.89	2.33	4.91	2.60	2.35	4.32	1.17	0.81	0.28	21.32
Wessington Springs	0.20	0.52	.....	.....	.....	8.80	1.60	2.09	.....	.....	.....	.....	.....
Wolsey	0.20	0.25	1.15	1.46	1.84	5.01	0.56	3.21	7.16	1.63	0.15	0.85	23.47
*Yankton[1]	0.24	0.61	0.64	2.25	2.45	6.84	0.84	2.55	7.44	0.78	.....	.....	.....
Tennessee.													
Andersonville	4.68	1.12	5.40	5.99	3.90	8.40	0.20	15.98	3.50	0.90	2.04	6.88	58.99
*Arlington	.....	.....	.....	1.95	2.06	1.52	0.32	5.01	4.90	1.21	.....	.....	.....
Ashwood	3.97	1.99	1.66	4.50	1.60	2.30	2.00	5.15	3.57	0.95	0.87	3.87	32.43
Benton	6.31	1.56	8.03	7.26	8.60	2.72	2.15	11.21	3.76	1.62	1.92	10.61	65.75
*Bluff City	3.06	1.10	3.28	3.32	6.47	6.74	4.41	9.40	2.65	1.98	1.10	8.00	51.51
*Bolivar	2.75	2.02	3.41	2.82	1.63	0.41	1.18	8.37	4.53	0.85	1.72	4.83	35.52
Bristol	2.20	1.61	3.48	3.58	6.16	8.18	7.14	8.56	2.00	2.30	0.97	8.07	54.24
*Brownsville	.....	.....	.....	2.60	2.21	1.85	1.17	5.25	3.05	1.80	.....	.....	.....
Byrdstown	2.82	2.07	4.31	6.77	4.06	6.81	3.21	15.55	4.27	1.36	1.71	5.86	58.79
*Carthage	2.74	1.75	3.94	5.35	4.32	3.95	2.29	12.59	4.24	1.09	1.87	5.07	49.20
*Charleston	6.16	1.77	7.89	7.69	.....	1.79	.....	.....	.....	.....	2.21	9.69	.....
*Chattanooga	5.30	1.71	8.46	5.36	6.08	1.24	2.02	9.67	3.77	0.66	1.10	8.07	53.44
*Clarksville	2.99	2.28	3.76	3.77	6.36	2.76	0.25	5.50	4.60	1.31	1.45	5.63	40.66
*Clinton	3.45	1.45	5.31	6.75	8.86	7.28	0.23	13.23	2.87	0.84	1.17	10.58	57.02
*Covington	.....	.....	.....	4.15	2.27	2.01	1.47	7.94	3.16	1.57	0.94	4.24	.....
Decatur	4.99	1.87	6.00	6.76	7.17	2.21	0.67	16.72	4.72	0.63	1.79	12.63	66.16
Dickson	3.42	1.21	2.06	4.12	1.47	1.41	1.89	9.85	3.02	1.13	1.57	3.35	34.50
Dover	2.95	2.36	4.30	3.60	3.60	[c]0.19	0.84	6.00	.....	2.23	1.28	.....	.....
*Dyersburg	.....	.....	.....	7.37	3.60	0.21	1.15	4.40	2.72	3.55	.....	.....	.....
Elizabethton	3.81	1.19	3.26	5.27	7.36	8.34	1.66	12.14	1.36	2.05	0.85	6.74	54.03
Elk Valley	1.88	.....	2.85	3.23	2.14	2.82	2.93	10.42	1.66	.....	.....	.....	.....
Erasmus	5.29	1.76	4.52	8.55	5.60	2.45	4.31	12.73	4.72	1.28	.....	8.61	.....
Florence	3.50	1.13	2.50	5.27	4.33	1.38	1.21	9.33	2.93	0.61	1.19	4.63	38.01
Franklin	3.47	1.21	1.91	5.24	3.31	1.46	1.21	9.80	4.62	0.84	1.10	5.07	39.24
Grace	5.00	2.00	3.80	6.20	6.50	1.40	2.30	11.80	5.50	2.00	1.70	7.10	55.30
Greeneville	4.45	1.22	4.82	5.18	6.29	3.70	3.60	14.07	1.80	1.99	1.23	9.51	57.86
Harriman	3.64	1.34	6.12	6.14	4.24	4.78	3.19	11.31	4.51	0.57	1.64	10.55	58.03
Hohenwald	4.80	2.21	2.66	4.87	1.89	3.28	1.50	10.74	4.24	1.07	1.90	7.00	76.16
Iron City	5.11	3.10	2.10	4.28	1.59	3.91	1.98	12.16	4.65	1.22	1.77	5.70	47.57
Jackson (near)	2.60	1.75	3.50	.....	.....	3.95	.....	.....	.....	.....	.....	.....	.....
*Johnsonville	3.64	1.86	2.89	3.01	3.00	1.22	2.62	10.74	4.39	1.61	1.42	5.17	41.57
Jonesboro	4.09	1.72	3.92	5.07	7.56	5.43	2.66	8.33	2.01	2.07	0.78	9.05	52.69
*Kingston	3.94	1.11	5.44	6.29	4.69	6.00	1.19	11.62	3.59	0.47	1.33	11.39	57.06
*Knoxville	4.31	0.79	4.32	5.35	4.03	6.44	0.69	10.48	4.13	1.57	1.30	12.34	55.75
Lafayette	4.00	2.09	4.65	6.45	2.25	1.73	1.00	.....	3.80	0.60	1.30	5.95	.....
Lewisburg	4.44	1.94	3.03	5.73	1.70	1.56	3.58	9.94	5.07	1.14	1.30	5.54	44.97
Liberty	.....	.....	2.19	5.14	4.25	1.92	2.13	7.94	3.60	2.28	2.26	5.21	.....
Lynnville	4.71	2.18	3.16	4.86	2.26	3.68	2.11	11.64	5.32	1.52	0.11	4.31	45.86
McKenzie	3.25	2.83	.....	.....	.....	.....	.....	.....	.....	.....	0.95	2.26	.....
McMinnville	5.30	2.02	3.38	6.05	.....	.....	.....	15.77	.....	.....	.....	.....	.....
Maryville	5.64	1.42	5.42	6.08	4.43	4.19	2.63	9.63	3.23	2.60	1.50	12.23	59.00
*Memphis	3.42	1.95	3.48	1.60	2.00	1.82	0.45	6.78	5.56	1.57	1.52	4.43	34.58
*Milan	.....	.....	.....	3.47	1.80	1.17	0.06	11.54	2.82	1.55	.....	.....	.....
*Nashville	3.45	1.60	2.39	4.99	4.11	0.48	2.59	8.24	4.27	0.63	0.85	4.51	38.11
Newport	4.43	1.03	6.31	5.00	5.65	2.40	2.79	10.83	2.35	1.40	1.18	9.78	53.15
Nunnelly	3.55	1.65	1.93	3.03	2.67	0.65	1.12	10.68	5.93	.....	0.50	4.60	.....
Oakhill	3.83	2.12	4.23	7.66	5.36	.....	1.59	9.24	4.00	1.40	2.10	.....	.....
Palmetto	4.07	1.67	2.55	5.23	2.94	2.14	3.30	9.46	4.57	1.53	1.41	5.14	44.01
Pervear	1.97	2.22	3.60	4.12	6.30	2.15	0.50	6.21	1.30	0.60	1.20	3.10	33.47
Pope	4.71	2.22	2.91	2.93	1.84	3.55	1.38	10.00	6.10	1.90	1.45	6.33	45.32
*Rogersville	3.85	1.41	4.66	4.99	4.95	2.96	2.72	10.21	4.60	1.48	1.30	10.70	53.84
Rugby	3.76	2.50	4.69	8.72	3.91	7.36	3.48	11.63	6.16	0.90	2.25	9.03	64.39
Savannah	5.82	1.85	3.07	3.30	4.10	2.63	2.72	8.53	5.72	1.53	1.48	5.64	46.69
Sewanee	4.00	1.52	5.41	3.85	2.92	1.10	1.39	13.36	4.63	1.73	1.49	10.13	51.53
Silverlake	4.10	1.61	4.18	6.51	8.17	8.14	4.45	16.54	2.02	3.30	0.89	8.36	68.27
Springdale	3.90	1.25	5.11	6.02	4.46	6.06	2.75	13.18	3.58	0.63	1.09	10.72	58.75
Springfield	2.55	2.05	1.30	.....	1.50	1.05	T.	6.85	4.60	.....	.....	.....	.....
Tazewell	3.73	1.11	5.35	5.56	4.58	4.59	2.08	11.05	2.84	0.67	1.13	10.07	52.73
Tellico Plains	6.58	0.85	8.54	7.56	7.52	5.41	2.93	12.37	3.62	1.55	1.54	11.05	69.52
Tracey City	4.93	1.68	5.69	6.88	4.91	1.88	3.31	13.66	4.68	1.76	2.21	9.50	61.09
Trenton	.....	.....	.....	.....	.....	.....	.....	10.52	2.05	2.23	1.99	4.74	.....
Tullahoma	4.60	2.10	4.15	4.95	3.75	0.80	2.50	13.40	8.05	1.45	2.90	7.00	55.65
Union City	2.95	1.87	2.48	2.65	1.30	0.32	2.25	3.10	1.40	2.46	1.80	4.10	26.68
Waynesboro	5.25	1.21	2.69	3.39	2.00	2.82	2.62	9.82	4.25	1.40	1.57	6.06	43.08
Wildersville	4.28	2.32	3.40	3.44	3.74	1.98	1.63	9.08	2.60	1.75	2.05	5.38	41.60
Yukon	5.08	2.10	5.88	5.49	2.09	2.80	3.35	9.96	5.68	2.24	2.52	6.35	53.84
Texas.													
*Abilene	0.03	1.44	0.72	0.98	7.17	T.	0.28	0.81	1.81	0.61	1.50	0.36	15.71
Albany	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.15	0.28	.....
Alvin	1.37	2.26	0.74	1.76	0.24	2.63	6.18	0.99	7.38	5.99	1.79	3.94	35.27
*Amarillo	0.03	0.48	0.02	4.90	5.99	0.92	1.56	3.03	2.19	3.26	2.00	0.04	24.42
Anna	[c]0.50	2.38	[c]3.44	2.40	2.50	T.	[c]3.29	1.47	0.43	0.64	1.70	.....	.....
Anson	0.05	.....	0.25	0.80	5.00	0.00	1.00	.....	.....	1.45	0.10	.....	.....
*Arthur	.....	1.88	5.44	2.68	3.61	3.02	3.36	3.52	2.69	1.21	2.74	1.18	.....
Austin	0.20	1.80	1.60	[d]1.90	4.18	1.11	2.50	1.80	1.60	1.80	1.00	0.06	19.50

[1] Station destroyed by fire November 28, 1901.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Texas—Continued.													
*Ballinger	0.16	1.01	0.08	2.19	3.25	0.12	0.83	0.63	1.06	1.54	1.65	0.22	12.74
Bastrop	0.45	0.82	1.22	1.38	.....	2.01	0.70	.....	T.	0.75	0.90	0.46	.....
*Beaumont	1.00	3.41	1.98	1.95	2.04	4.89	3.41	3.68	4.89	2.18	1.22	7.29	37.54
*Beeville	.....	.....	.....	.....	1.84	2.04	6.20	1.52	4.16	0.29	0.69	0.77	.....
Bigspring	0.11	1.93	T.	1.07	2.97	1.06	4.73	0.11	3.03	0.58	1.00	0.24	.....
Blanco	0.42	0.89	0.86	1.33	3.32	0.05	1.58	1.01	1.71	0.10	1.69	0.02	12.98
Boerne	0.47	1.08	1.20	1.15	3.74	1.86	6.04	1.18	3.06	0.74	0.75	0.33	21.60
*Booth	1.33	1.81	1.46	1.24	0.33	1.00	6.13	4.44	3.89	2.96	1.14	3.16	28.89
Bowie	0.31	1.54	0.63	1.59	6.23	0.06	0.35	1.02	0.28	1.58	1.15	0.61	15.35
Brazoria	1.93	2.13	1.02	2.94	0.51	3.32	9.99	1.09	12.25	4.38	2.05	2.95	44.56
*Brenham	1.00	1.64	2.44	2.30	3.55	0.74	1.61	0.76	2.91	1.11	1.90	1.51	21.47
Brighton	1.17	1.95	0.09	0.52	2.54	1.33	0.95	1.31	4.29	0.03	0.39	0.46	15.03
Brownwood	0.35	2.15	1.27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burnet	0.38	1.12	2.25	1.18	.....	.....	[1]0.71	0.68	3.33	1.07	0.92	0.33	.....
Camp Eagle Pass	0.00	0.30	0.00	6.45	2.85	1.40	0.00	0.42	1.62	T.	1.01	0.00	14.05
Coleman	0.11	2.01	0.56	1.88	.....	.....	0.68	.....	1.50	1.20	1.66	0.26	.....
College Station	.....	3.20	.....	.....	.....	.....	.....	.....	.....	1.05	1.95	0.35	.....
Colorado	0.14	1.63	0.13	0.91	3.04	[2]0.32	.....	.....	.....	.....	.....	.....	.....
*Columbia	0.92	2.23	1.78	1.86	0.90	4.40	6.00	1.80	6.30	2.90	1.25	3.10	33.44
Comanche	.....	.....	.....	0.74	1.85	0.35	0.60	0.01	1.18	1.10	2.70	0.57	.....
*Corpus Christi	0.75	1.33	0.07	0.45	1.39	1.00	1.30	2.53	7.15	0.42	0.66	0.45	17.50
*Corsicana	0.28	2.63	2.93	1.14	5.41	0.15	0.51	1.01	4.02	1.58	2.77	1.06	23.49
Cotullo	.....	.....	.....	.....	.....	.....	0.82	T.	0.80	0.00	0.60	T.	.....
*Cuero	0.83	1.89	1.03	2.67	3.09	1.09	6.06	1.20	4.89	3.78	1.89	2.55	30.97
*Dallas	0.02	2.28	2.39	1.76	5.67	0.59	0.47	2.77	3.58	2.49	2.37	0.58	24.97
Danevang	1.53	3.08	1.08	2.52	3.46	2.37	5.58	1.84	2.79	0.98	1.47	4.23	30.93
*Dublin	0.00	1.00	0.80	2.10	3.13	0.00	1.18	1.03	0.70	1.45	1.40	0.90	13.69
Duval	0.42	1.36	1.63	1.88	3.38	1.39	2.61	2.76	3.06	1.19	0.92	0.80	21.40
*El Paso	0.35	0.68	0.47	0.47	0.05	0.39	1.05	0.84	0.82	2.98	1.05	0.03	8.68
Estelle	0.27	2.21	3.14	1.76	6.25	0.22	1.94	1.20	1.82	2.12	2.27	0.56	23.76
Fort Brown	0.30	0.00	0.00	0.00	0.80	1.00	4.00	1.00	8.00	1.90	2.20	0.00	19.20
Fort Clark	.....	.....	.....	3.00	1.80	2.25	1.40	0.88	0.72	0.00	0.98	0.00	.....
Fort McIntosh	0.75	.....	.....	0.72	0.27	0.40	0.00	0.00	1.13	0.00	0.47	0.00	.....
Fort Ringgold	[3]0.02	0.84	T.	T.	0.73	2.20	1.90	0.54	4.40	0.09	0.60	0.00	11.32
Fort Stockton	0.58	0.70	0.00	0.08	0.12	0.97	1.50	0.67	2.60	3.00	0.00	0.00	10.17
*Fort Worth	0.08	1.59	1.57	2.04	4.50	0.33	1.99	1.29	1.67	1.90	2.10	0.59	19.65
Fredericksburg	0.88	1.13	0.76	1.47	2.25	0.69	3.31	1.50	2.17	0.17	0.83	0.67	15.83
Gainesville	0.62	2.05	1.60	1.86	5.66	0.53	4.36	1.18	0.15	1.83	1.06	1.23	22.13
*Galveston	1.39	2.24	1.96	2.86	0.46	0.85	6.11	6.58	7.84	15.00	2.06	3.98	51.33
Georgetown	.....	.....	.....	.....	4.76	0.55	.....	.....	.....	.....	1.22	0.73	.....
Grapevine	0.11	3.03	2.68	2.23	7.22	0.83	1.84	0.46	2.22	1.11	2.44	0.94	25.11
Greenville	0.26	2.49	2.88	1.81	[4]4.10	0.12	1.69	.....	.....	.....	.....	.....	.....
Hale Center	0.20	0.95	T.	3.56	0.95	T.	3.23	1.75	3.04	0.50	3.25	0.35	17.78
Hallettsville	0.48	1.27	0.78	1.81	3.33	0.47	3.69	1.96	2.66	5.04	0.98	1.79	24.26
Haskell	0.02	1.40	0.10	0.31	5.05	0.00	2.18	0.55	0.77	1.54	1.24	0.60	13.76
*Hearne	.....	.....	.....	.....	4.56	2.40	0.55	0.21	0.78	2.55	.....	.....	.....
*Henrietta	.....	1.54	0.54	1.60	11.50	0.93	2.01	1.46	0.35	0.38	1.51	0.72	.....
Hewitt	0.05	2.05	1.65	1.92	2.72	0.63	0.90	0.18	2.75	0.27	1.50	1.23	15.85
Hondo	0.32	0.63	0.12	1.04	3.51	1.83	7.05	0.05	2.22	T.	0.52	0.17	17.46
*Houston	2.16	2.08	2.40	1.10	0.40	1.47	4.39	2.14	3.78	2.29	1.65	3.23	27.09
*Huntsville	1.15	3.96	4.08	3.08	3.85	2.84	2.35	1.11	1.40	0.93	1.82	2.55	28.62
Ira	0.10	1.69	T.	1.34	3.15	0.33	4.73	T.	3.45	0.88	1.50	0.18	17.37
Jacksonville	1.96	3.68	4.23	3.89	3.35	2.50	1.86	2.11	10.92	3.41	3.45	1.37	42.73
Jasper	1.95	4.27	3.28	1.85	2.96	3.05	5.62	4.08	2.70	1.00	3.13	4.04	37.93
Junction	.....	.....	.....	.....	.....	.....	3.90	0.33	.....	.....	.....	.....	.....
Kent	0.06	1.72	0.05	0.52	0.23	0.67	2.60	1.37	3.28	1.34	0.20	0.16	12.17
*Kerrville	0.59	1.13	0.43	0.69	2.97	1.59	3.74	1.53	1.76	0.08	1.01	0.40	15.92
*Kopperl	0.00	1.90	1.65	1.85	8.20	1.50	0.95	1.05	2.05	1.28	2.01	0.00	22.44
*Lampasas	0.40	1.69	0.89	1.00	2.42	0.39	1.30	0.53	4.03	0.25	2.60	0.30	15.80
Lapara	.....	.....	.....	.....	.....	.....	.....	.....	7.75	.....	0.30	0.48	.....
Laureles Ranch	0.98	1.64	0.00	0.50	2.58	1.58	0.77	1.00	6.04	0.30	0.57	0.68	16.64
Llano	0.40	0.60	0.55	1.25	1.15	0.15	1.80	T.	4.10	0.20	1.00	0.60	11.80
*Longview	3.30	4.01	4.00	3.52	5.55	1.97	3.55	1.47	6.12	3.74	4.84	2.79	44.86
*Luling	0.72	0.88	0.78	0.61	4.70	1.86	2.11	0.31	5.72	0.10	0.66	0.71	19.16
Mann	6.26	4.25	3.12	2.45	8.00	0.75	.....	0.84	4.22	1.67	4.70	1.70	.....
Menardville	0.15	0.90	0.27	0.15	3.59	0.57	5.01	2.49	5.53	0.00	2.54	0.00	21.20
Mount Blanco	0.00	1.00	T.	1.42	1.08	T.	1.05	1.05	2.20	T.	1.15	0.60	9.55
Nacogdoches	1.83	5.14	3.51	5.79	2.25	5.41	4.62	2.18	5.17	4.50	2.59	2.19	45.18
New Braunfels	0.57	0.69	1.40	.....	5.25	1.99	3.16	0.86	2.72	0.02	0.47	0.81	.....
*Palestine	3.14	2.85	2.91	4.97	2.92	1.96	0.78	3.45	10.57	2.70	2.54	2.43	41.22
Panter	T.	.....	0.76	1.73	2.13	1.06	.....	1.61	2.79	1.70	0.87	0.23	.....
*Paris	0.64	2.35	3.05	2.35	5.17	0.45	5.35	4.13	1.20	1.10	.....	.....	.....
Port Lavaca	.....	1.25	0.80	2.83	2.41	1.14	3.40	0.20	5.40	1.86	0.67	2.35	.....
Rhineland	0.15	0.93	0.15	0.77	8.81	T.	0.25	0.76	1.79	0.22	0.98	0.44	14.75
Rockisland	1.14	1.62	0.93	2.19	2.23	0.23	2.80	2.40	3.13	2.78	1.28	1.73	22.46
Rockport	0.47	.....	.....	.....	.....	.....	0.75	.....	2.59	0.00	0.50	.....	.....
Runge	0.09	1.05	0.47	1.14	4.15	2.00	3.81	0.82	5.79	0.67	0.84	2.83	24.26
Sabine	.....	1.81	1.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saginaw	0.09	2.17	1.92	2.54	.....	.....	.....	.....	.....	.....	.....	.....	.....
*San Antonio	0.41	0.71	0.54	0.59	2.47	1.86	3.79	0.96	4.20	0.12	0.64	0.15	16.44
Sanderson	0.30	0.00	0.00	T.	0.40	0.00	1.10	0.72	2.33	2.25	0.20	0.00	7.30
*San Marcos	.....	.....	0.87	0.60	3.14	1.11	5.40	1.02	3.99	0.15	0.87	0.40	.....
San Saba	0.28	1.45	1.15	0.60	0.97	0.43	0.95	1.46	2.79	0.26	2.40	0.24	12.93
Santa Gertrudes Ranch	0.71	.....	.....	.....	.....	0.62	1.65	.....	5.91	1.89	0.49	0.18	.....
Shaeffer Ranch	.....	.....	.....	.....	.....	.....	.....	.....	5.92	0.52	[5]0.32	.....	.....
Sherman	0.80	1.06	3.42	1.27	7.47	0.24	2.40	.....	1.67	2.22	2.13	0.32	.....
Sugarland	0.50	1.06	1.95	1.45	0.30	1.85	1.96	.....	.....	.....	0.60	2.22	.....
Sulphur Springs	.....	.....	.....	2.29	4.90	2.14	3.89	8.08	2.81	1.55	2.99	1.68	.....
*Taylor	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.44	.....
Temple	0.75	2.49	2.48	1.52	2.66	1.37	.....	0.25	2.27	2.27	1.81	2.08	.....

[1] W. G. Jones.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Texas—Continued.													
*Temple[1]	0.57	2.05	2.19	1.91	2.54	1.02	0.97	0.50	1.88	2.25	1.62	1.89	19.39
Trinity	1.22	6.06	4.85	2.87	2.71	2.14	1.12	3.03	2.03	0.92	1.92	2.23	30.60
Tulia	0.10	.....	.....	.....	.....	.....	.....	0.70	2.50	1.05	2.80	0.20	.....
*Tyler	.....	.....	.....	3.70	4.12	0.43	0.48	2.45	5.60	0.56	3.32	1.82	.....
Valentine	0.10	2.15	2.09	T.	0.00	0.70	.....	.....	.....	.....	.....	.....	.....
Victoria	1.44	1.52	0.45	2.43	0.59	1.14	3.25	2.23	4.61	3.50	0.35	1.50	23.01
*Waco	0.00	3.10	3.71	2.89	4.50	1.89	T.	0.65	4.99	0.50	2.08	1.50	25.81
Waxahachie	T.	2.15	3.10	1.60	6.25	0.50	0.85	3.50	1.70	1.25	1.95	0.45	23.30
*Weatherford	0.34	2.56	1.72	2.20	4.19	0.08	0.77	0.83	0.85	2.27	1.41	0.86	18.08
Wichita Falls	0.16	1.50	0.50	1.10	12.79	1.65	1.80	0.10	2.36	T.	1.10	0.91	23.94
Utah.													
Alpine	0.98	2.94	.....	.....	4.07	.....	0.29	2.20	.....	1.67	.....	1.69	.....
Aneth[2]	1.06	0.86	0.33	0.18	0.30	0.51	1.05	1.46	0.00	0.36	0.00	0.01	6.12
Blackrock	0.40	1.43	0.34	1.29	0.78	0.94	0.15	1.02	0.00	0.56	T.	0.70	7.61
Bluecreek	1.01	2.07	0.75	0.10	0.28	0.05	0.10	0.70	0.23	1.41	0.20	0.80	7.70
Castledale	0.25	1.46	0.11	0.38	.....	0.10	0.82	1.83	0.00	0.40	T.	T.	.....
Cisco	.....	.....	0.55	0.16	0.58	0.00	T.	0.66	0.00	0.00	0.00	0.15	.....
Corinne	1.08	2.20	0.61	0.30	1.88	0.30	0.00	3.75	0.80	2.81	0.28	1.15	15.16
Coyoto	.....	.....	.....	.....	.....	0.20	0.72	[b]1.70	0.00	.....	.....	0.10	.....
Deseret	0.10	1.67	0.80	1.02	1.90	0.62	0.03	1.54	0.03	0.50	0.04	0.76	9.01
Emery	.....	.....	0.10	T.	T.	T.	T.	1.48	0.00	T.	T.	0.00	.....
Escalante	.....	.....	.....	.....	.....	.....	.....	3.46	T.	0.56	T.	T.	.....
Farmington	1.19	3.31	1.63	0.65	4.77	0.41	T.	0.91	0.99	2.20	1.20	2.19	19.45
Fillmore	0.35	2.00	1.54	2.35	1.92	0.57	0.41	0.90	0.00	[a]0.72	0.15	1.97	12.88
Fishsprings	0.22	.....	.....	.....	.....	0.24	0.25	T.	0.00	.....	.....	.....	.....
Fort Duchesne	0.25	0.95	0.15	0.20	0.60	0.08	0.14	2.47	0.03	0.64	0.16	0.51	6.18
Frisco	0.35	2.36	0.28	0.86	1.42	[b]0.97	1.76	0.64	T.	0.68	T.	0.75	10.07
Giles	0.18	0.33	T.	0.29	0.44	0.08	0.04	1.56	0.00	0.25	T.	T.	3.12
Government Creek	0.55	1.42	1.56	0.86	2.70	0.54	0.64	3.35	0.39	0.65	0.63	1.72	15.01
Greenriver	0.19	1.33	T.	0.25	0.78	0.11	T.	0.97	0.00	0.18	.....	0.00	.....
Grover	0.30	0.67	0.40	0.45	0.63	0.20	0.44	1.89	T.	0.06	T.	0.25	5.29
Heber	2.20	2.20	1.56	0.31	1.72	0.08	0.40	2.06	0.16	1.70	1.40	1.50	15.29
Henefer	1.12	2.65	2.02	1.51	2.07	0.12	0.27	2.08	0.72	1.32	1.05	1.68	16.61
Hite	.....	.....	.....	.....	.....	T.	T.	0.35	0.00	.....	.....	.....	.....
Huntsville	1.85	2.52	1.63	0.50	2.20	0.04	T.	1.09	0.82	1.84	0.62	1.78	14.89
Kelton	0.30	1.00	0.20	.....	0.25	T.	0.00	T.	0.25	1.25	0.00	T.	.....
Lasal	.....	.....	.....	0.61	1.68	0.23	0.81	2.55	.....	.....	0.01	0.43	.....
Levan	0.93	2.23	1.88	1.02	1.74	0.29	0.25	1.55	0.18	1.31	0.53	1.40	13.31
Loa	T.	0.50	0.35	0.30	0.10	0.10	0.67	3.76	0.00	0.26	0.00	[d]0.40	6.44
Logan	1.13	1.55	1.40	1.35	2.43	0.41	0.07	1.60	1.03	1.83	0.35	1.32	14.47
Lund	0.15	1.73	T.	.....	.....	.....	.....	0.28	.....	.....	.....	0.05	.....
Manti	0.02	2.50	1.00	0.80	1.00	0.15	0.22	1.23	0.08	1.05	0.50	0.55	9.10
Marysvale	.....	1.29	0.66	0.22	0.51	0.47	0.82	1.94	0.02	0.80	0.14	0.25	.....
Meadowville	1.10	1.90	0.60	2.22	1.92	0.15	1.70	0.95	0.25	0.75	0.55	1.85	13.94
Millville	1.33	1.12	0.80	0.94	2.39	0.34	0.03	2.47	0.91	2.29	0.18	1.17	13.97
Minersville	0.45	2.21	0.51	0.87	1.05	0.55	0.86	1.60	0.02	0.70	0.16	0.72	9.70
Moab	0.32	0.58	0.56	0.75	1.19	0.20	0.39	1.47	T.	1.41	0.02	0.28	7.17
*Modena	0.43	3.63	0.06	0.68	0.65	0.32	1.33	1.17	0.06	0.78	0.01	0.12	9.24
Mount Pleasant	0.56	2.16	2.37	0.13	0.58	0.29	0.19	1.64	0.16	1.32	0.67	1.14	11.21
Ogden	0.71	2.63	0.45	0.62	2.36	0.22	T.	2.65	0.85	2.12	0.36	0.83	13.80
Park City	2.24	2.35	3.15	1.92	1.50	0.20	0.90	1.40	0.45	0.18	1.40	2.20	17.89
Parowan	0.63	1.84	0.85	1.61	0.88	0.50	0.04	3.35	0.04	0.32	0.03	0.96	11.05
Pinto	1.72	2.74	0.23	0.85	0.85	0.45	0.80	5.07	0.00	1.43	0.39	0.57	15.10
Promontory	0.27	.....	0.35	0.17	.....	0.00	T.	0.30	0.35	.....	0.00	0.99	.....
Provo	0.22	2.06	1.09	0.29	0.39	0.18	T.	.....	.....	.....	0.85	0.98	.....
Richfield	0.60	.....	1.07	0.23	0.10	0.07	0.14	0.03	0.00	.....	.....	0.74	.....
St. George	0.75	2.72	0.08	0.01	0.18	0.00	0.48	1.70	0.00	1.06	0.00	0.00	6.98
*Salt Lake City	0.95	1.77	2.48	0.87	4.27	0.49	0.31	1.22	0.66	0.98	0.92	1.16	16.08
Scipio	0.60	2.43	1.02	1.07	0.83	0.27	1.12	2.67	0.10	1.31	0.51	0.76	12.69
Smithville	0.00	0.90	.....	.....	T.	T.	.....	.....	.....	.....	.....	.....	.....
Snowville	0.87	1.04	0.95	0.41	0.73	0.12	0.20	1.15	0.21	2.76	0.00	1.00	9.44
Soldier Summit	0.85	3.60	.....	.....	0.21	0.05	1.00	1.68	0.81	0.92	.....	0.90	.....
Terrace	.....	.....	0.70	0.07	0.20	0.00	T.	0.95	0.00	2.75	T.	T.	.....
Thistle	.....	2.35	2.40	1.15	0.85	0.05	0.11	3.05	0.25	1.15	0.93	2.00	.....
Tooele	0.74	0.92	1.54	1.33	3.71	0.72	0.35	0.82	0.20	1.14	0.89	1.83	13.89
Tropic	1.20	4.80	T.	0.30	0.73	T.	1.20	1.72	0.00	0.52	*T.	.....	.....
Vernal	0.71	1.36	0.31	0.33	0.86	0.21	0.21	0.73	0.04	0.42	0.27	0.48	5.93
Wellington	0.25	1.10	0.10	0.20	0.37	0.02	0.33	0.99	.....	0.57	0.00	0.05	.....
Woodruff	.....	.....	.....	.....	.....	.....	.....	.....	0.00	1.00	0.19	1.23	.....
Vermont.													
Bennington	1.45	0.45	3.78	4.60	4.41	.....	.....	.....	2.93	2.14	2.15	3.85	.....
Burlington	1.76	0.67	2.73	3.11	3.96	4.70	2.29	3.18	3.07	2.88	1.84	3.69	33.88
Chelsea	2.58	0.42	2.73	2.42	4.59	2.08	3.95	1.67	1.69	1.71	1.53	4.64	29.91
Cornwall	1.79	0.92	1.17	3.15	4.10	2.91	4.61	3.27	1.36	2.03	2.93	.....	.....
Enosburg Falls	5.17	3.65	5.97	2.72	2.88	5.35	3.84	5.74	2.76	3.26	5.71	5.25	52.30
Hartland	2.22	0.45	4.53	3.84	6.53	0.89	3.39	3.58	2.63	2.23	1.55	6.43	38.27
Jacksonville	2.10	0.70	5.65	10.21	5.84	1.12	3.81	3.82	4.55	2.49	1.49	3.95	45.73
Manchester	1.35	0.56	3.86	5.30	5.09	2.11	6.06	4.95	4.02	1.79	2.84	4.05	41.98
Newport	.....	.....	.....	.....	.....	.....	.....	.....	1.81	2.08	.....	2.61	.....
*Northfield	1.43	0.18	3.31	3.12	3.91	2.97	4.86	3.02	1.79	1.52	0.89	4.42	31.42
Norwich	2.29	0.25	4.01	3.48	6.25	1.24	4.81	3.30	2.28	1.95	1.63	5.32	37.81
St. Johnsbury	2.06	0.56	3.37	1.74	3.40	4.07	4.90	4.44	2.64	2.31	1.60	4.06	35.15
Vernon	1.93	0.54	6.54	6.17	4.66	1.76	5.24	5.74	4.82	3.87	1.22	7.61	50.10
Wells	1.32	0.94	4.82	2.89	3.14	2.41	3.66	3.90	2.49	1.93	2.02	4.28	33.80
Woodstock	2.06	0.35	4.17	5.23	6.64	1.33	3.50	2.82	2.06	1.65	1.47	5.84	36.12

[1] Cotton region observer.

[2] Name of station changed from Holyoake April 1, 1901.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Virginia.													
Alexandria	2.86	0.53	2.69	5.44	2.20	3.50	9.82	4.13	1.38	0.89	1.89	7.53	42.86
Ashland	3.11	0.36	3.82	5.66	6.46	1.40	6.82	10.13	3.89	1.40	1.40	5.40	49.85
Barboursville	2.73	0.42	2.80	7.46	10.28	4.46	5.89	9.00	2.87	0.47	2.37	8.51	57.26
Bedford	2.68	0.90	3.72	6.13	4.99	4.24	5.07	15.17	2.73	0.43	1.34	8.10	55.50
Bigstone Gap	4.38	1.39	4.64	5.25	5.80	5.92	2.84	10.60	2.99	0.91	1.21	9.89	55.77
Birdsnest	1.85	0.85	3.85	3.45	2.55	2.80	3.05	3.45	5.85	1.65	1.70	2.85	33.90
Blacksburg	2.85	0.74	3.41	5.88	6.71	6.78	4.51	10.53	2.59	0.96	1.02	7.48	53.46
Bonair	3.79	0.69	4.28	5.63	4.19	2.61	8.86	9.66	3.31	0.99	1.71	6.94	52.66
Buckingham	3.49	0.59	2.40	.....	[k]6.47	2.46	2.49	13.75	6.02	0.46	0.30	7.43	.....
Burkes Garden	4.07	0.81	2.96	8.17	9.83	11.18	3.76	9.11	2.90	1.86	0.97	8.09	63.71
Callaville	2.21	2.51	5.73	5.61	7.08	2.54	2.44	7.52	4.71	2.18	1.10	3.86	47.49
*Cape Henry	2.30	0.94	4.39	6.51	3.45	4.94	4.06	10.90	5.82	1.73	1.50	4.12	50.66
Charlottesville	2.74	0.90	2.45	9.05	7.66	6.64	7.23	12.91	4.62	0.57	2.17	8.35	65.29
Christiansburg	1.74	0.63	2.95	7.31	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Clarksville	.....	.....	3.70	4.30	6.27	1.65	4.32	8.65	.....	.....	.....	.....	.....
Cliftonforge	2.12	0.35	4.50	4.96	5.05	4.85	.....	5.24	3.02	0.40	0.76	6.34	.....
Columbia	3.70	0.35	2.10	6.70	7.50	10.60	5.60	8.60	4.80	0.40	1.90	4.50	50.75
Dale Enterprise	2.04	0.28	3.86	5.78	5.11	14.37	4.83	6.36	3.84	2.06	1.39	6.36	56.28
*Danville	.....	.....	3.18	4.90	6.45	2.11	6.28	9.62	.....	.....	.....	.....	.....
Doswell	2.72	.....	1.98	4.78	4.68	3.14	4.99	9.11	3.82	1.51	.....	.....	.....
Farmville	2.95	1.45	3.10	6.00	9.97	2.20	4.20	.....	3.40	0.10	1.40	.....	.....
Fontella	3.01	0.98	3.87	8.38	[b]5.01	6.84	6.90	11.70	2.51	.....	.....	.....	.....
Fredericksburg	3.09	0.50	3.02	6.34	3.89	2.56	5.33	8.23	2.48	0.46	1.58	7.90	45.38
Grahams Forge	2.41	0.94	3.94	6.87	10.12	8.32	4.30	17.58	[a]2.17	1.36	1.23	7.10	66.34
Hampton	2.82	0.88	3.02	4.12	2.59	3.22	5.60	7.69	6.30	1.23	0.63	3.40	41.50
Hot Springs	2.33	0.23	3.91	8.26	7.74	6.22	3.79	6.22	4.20	0.70	2.35	9.50	55.45
Lexington	3.00	0.57	3.97	5.40	4.61	.....	.....	.....	.....	0.81	1.82	8.12	.....
Lincoln	1.70	0.27	3.07	7.55	5.10	2.62	5.12	3.73	3.04	0.68	2.63	6.23	41.74
*Lynchburg	3.59	0.78	3.66	5.98	5.34	4.93	4.33	12.36	3.17	0.48	1.47	8.72	54.81
Manassas	2.23	0.38	.....	5.65	4.07	3.25	5.80	4.81	1.69	0.10	.....	.....	.....
Marion	3.65	1.57	3.50	6.82	6.80	9.70	3.64	10.82	2.90	.....	.....	.....	.....
Meadowdale	1.88	0.92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport News	1.80	0.85	3.25	1.90	8.38	3.65	6.04	11.19	6.87	1.78	0.20	4.59	50.50
*Norfolk	2.09	1.16	3.24	4.40	2.59	3.77	3.15	9.92	5.80	2.34	0.81	3.35	42.61
Petersburg	2.68	0.70	3.99	5.00	5.12	2.81	3.64	7.13	3.45	2.71	2.48	6.15	45.86
*Radford	2.00	0.50	2.05	4.99	7.11	5.72	4.93	11.76	2.55	0.81	0.99	6.58	49.99
*Richmond	2.80	0.55	3.79	5.29	3.80	2.32	5.06	6.99	3.21	0.79	1.37	6.08	42.05
*Riverton	.....	.....	.....	.....	.....	.....	.....	.....	3.16	0.28	3.16	6.66	.....
Roanoke	.....	.....	.....	.....	.....	.....	.....	.....	4.37	0.90	.....	8.17	.....
Rockymount	3.91	1.45	3.20	7.52	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salem	2.20	0.76	3.43	6.31	8.21	7.35	6.02	10.90	3.59	0.71	1.07	6.71	57.26
*Speers Ferry	3.87	1.69	5.41	5.23	5.73	4.22	2.38	10.32	3.78	1.86	1.23	11.15	56.88
Spottsville	2.45	0.80	3.53	6.53	4.21	2.60	4.63	8.32	6.46	1.72	0.86	5.82	47.93
Stanardsville	1.62	T.	4.34	6.52	9.30	2.76	5.51	8.90	3.08	.....	1.70	4.90	.....
Staunton	2.29	0.32	3.39	8.42	7.88	4.97	5.39	6.71	3.46	0.51	1.40	6.44	51.18
Stephens City	1.79	0.33	4.29	6.04	6.11	4.23	3.82	3.68	4.36	0.22	2.72	5.32	42.91
Warsaw	2.45	1.00	4.30	5.22	2.44	3.51	7.26	7.25	3.25	1.81	2.52	.....	.....
Westpoint	2.08	0.20	4.90	5.90	.....	3.60	7.70	6.80	2.75	2.45	1.00	4.20	.....
Williamsburg	1.99	0.45	3.86	5.66	4.39	2.65	5.72	9.00	5.05	3.15	0.68	5.02	47.62
*Woodstock	2.45	0.15	3.49	5.57	5.44	6.58	3.50	6.92	4.08	0.28	2.07	3.84	44.37
Wytheville	2.45	0.99	3.66	9.10	9.03	7.82	3.67	13.15	2.27	1.86	1.00	7.65	62.65
Washington.													
Aberdeen	9.74	11.10	7.18	11.19	4.25	2.85	1.45	0.35	4.65	4.37	19.09	11.41	87.63
Anacortes	3.23	2.54	2.03	2.87	1.45	1.40	0.36	T.	1.54	1.99	5.14	2.79	25.34
Ashford	8.34	6.71	6.60	5.84	4.80	5.07	0.70	0.67	3.46	4.99	9.53	8.23	64.94
Bremerton	8.36	6.26	2.44	5.38	2.07	1.45	0.28	0.32	2.55	2.74	10.15	3.79	45.79
Bridgeport	1.55	.....	0.10	.....	[a]0.55	.....	.....	.....	.....	.....	.....	.....	.....
Brinnon	10.84	7.74	3.47	5.28	2.88	2.36	0.13	0.21	3.22	2.60	16.18	6.20	61.11
Buckbanans Farm	.....	.....	.....	.....	0.64	1.10	0.43	0.17	1.39	0.01	1.16	0.59	.....
Cedonia	2.54	1.87	1.00	1.15	2.08	1.39	1.47	T.	3.37	0.44	1.85	0.95	18.11
Centerville	5.10	4.46	0.87	0.31	1.11	0.55	T.	0.22	.....	.....	.....	.....	.....
Cheney	2.50	.....	1.35	1.42	2.07	0.99	0.05	0.00	2.06	0.20	3.11	1.11	.....
Clearwater	13.52	14.58	9.67	13.42	8.68	4.61	2.12	0.30	6.60	10.71	23.68	16.03	123.92
Cle Elum	4.78	4.06	1.37	1.33	0.59	0.54	T.	0.04	0.69	1.44	5.31	5.27	25.42
Colfax	2.76	.....	2.24	1.45	1.53	1.44	0.89	0.16	2.46	0.52	2.96	2.35	.....
Colville	1.83	1.23	0.82	1.00	0.95	2.05	0.69	0.08	2.07	0.47	2.46	0.99	14.64
Conconully	2.37	1.10	0.47	0.50	1.69	1.06	0.24	0.27	1.81	0.21	1.93	0.96	12.61
Connell	0.63	1.26	0.66	0.05	1.41	0.75	0.09	0.05	1.16	.....	0.35	0.80	.....
Coupeville	2.56	1.14	0.95	2.58	0.85	1.07	0.42	T.	1.14	1.93	3.03	2.53	18.20
Crescent	1.65	2.48	1.07	1.02	0.98	1.73	0.83	0.08	3.04	0.27	1.51	0.66	15.32
Dayton	2.79	2.61	1.93	0.87	1.18	0.85	0.24	0.40	.....	.....	.....	.....	.....
East Sound	.....	.....	.....	.....	.....	0.99	0.21	T.	1.17	3.00	[b]5.68	3.19	.....
Ellensburg	1.97	1.74	0.81	0.32	0.88	0.29	0.00	0.03	0.52	0.27	2.20	0.89	9.42
Ellensburg (near)	1.85	2.50	0.03	0.15	0.80	0.27	T.	0.02	0.29	0.08	2.29	1.30	9.38
Grandmound	6.62	5.78	4.46	6.22	2.46	1.98	0.42	0.22	2.72	2.70	8.63	5.64	47.85
Granite Falls	4.36	4.40	5.66	4.81	2.77	3.93	1.12	0.04	4.33	4.64	6.32	6.92	49.30
Hooper	1.96	1.59	0.66	0.67	0.51	1.35	0.33	0.09	1.46	0.16	1.14	0.75	10.67
Ilwaco	.....	.....	.....	.....	4.83	3.63	2.48	0.00	5.79	6.89	15.97	11.49	.....
Issaquah	6.14	5.72	4.53	7.10	2.47	2.26	.....	0.09	.....	.....	7.73	.....	.....
Lacenter	6.96	7.07	5.89	4.27	3.35	2.50	0.20	0.02	3.61	3.01	8.27	5.55	50.70
Lakeside	2.13	2.15	0.52	.....	1.76	1.48	0.00	0.02	1.21	0.08	2.42	1.84	.....
Lind	1.36	2.54	0.63	0.31	0.91	1.46	0.60	0.04	1.24	0.15	0.85	0.36	10.45
Mayfield	6.27	6.98	6.54	5.84	3.34	4.97	0.68	0.50	2.69	3.29	12.08	[c]6.66	59.79
Montecristo	.....	16.09	10.40	9.45	4.71	8.33	1.97	0.17	6.27	8.43	.....	.....	.....
Mottinger Ranch	0.90	1.65	0.54	0.03	1.50	0.48	0.05	0.13	1.26	0.01	0.56	1.50	8.61
Mount Pleasant	9.21	9.00	6.87	3.70	3.23	3.35	0.31	0.25	3.62	1.82	7.37	6.17	54.40
Moxee Valley	1.67	1.59	0.20	0.11	1.15	1.58	0.08	0.11	1.15	0.10	1.43	0.82	9.99
*Neahbay	13.78	11.88	7.92	12.40	10.05	5.48	1.61	0.24	3.13	8.29	23.17	14.92	113.08
Northport	1.99	1.52	0.65	0.50	1.75	2.88	2.15	.....	.....	1.00	1.72	1.09	.....
Olga	2.84	3.38	2.04	4.04	1.49	1.83	0.39	T.	1.67	2.11	6.72	2.42	28.96

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Washington—Continued.													
Olympia	8.57	7.16	4.25	7.24	3.06	1.04	0.49	0.12	2.69	2.94	11.52	.....	.....
Pasco	0.84	1.39	0.09	T.	1.03	0.25	0.00	T.	0.69	0.00	0.38	1.07	5.74
Pinehill	6.72	7.31	1.90	0.97	0.35	0.47	T.	0.23	2.01	0.18	3.84	4.10	28.08
Pomeroy	.....	.....	.....	.....	.....	.....	0.82	0.18	1.97	0.37	2.92	1.79	.....
*Port Crescent	5.30	3.75	1.50	4.54	2.12	1.41	0.30	0.03	1.03	1.86	11.70	6.35	39.89
Port Townsend	2.33	0.94	0.54	1.90	0.60	1.34	0.16	0.02	1.23	1.67	2.67	1.92	15.32
Pullman	0.81	3.34	1.77	0.90	1.47	1.34	0.67	.....	.....	0.60	.....	.....	.....
Renton	.....	.....	.....	.....	2.43	1.14	.....	0.20	2.44	2.19	7.23	.....	.....
Republic	2.40	1.71	0.70	2.14	2.48	3.85	[1]1.51	0.09	2.81	.....	.....	.....	.....
Ritzville	1.18	1.65	0.06	0.14	0.50	0.61	0.25	0.00	0.80	T.	0.49	0.23	5.86
Rosalia	2.55	3.06	1.74	1.47	1.44	1.19	0.91	0.37	1.49	0.27	3.42	1.69	19.60
*Seattle	4.26	4.26	1.62	3.86	1.44	1.90	0.35	0.13	2.30	1.44	6.17	2.45	30.18
Sedro	1.81	3.33	4.17	3.30	3.49	2.90	0.91	0.01	2.79	4.15	8.26	4.16	.....
Silvana	5.43	2.89	2.06	3.09	1.86	1.50	0.79	0.00	2.39	2.86	3.40	3.65	29.92
Snohomish	4.50	3.52	4.06	3.54	2.00	2.92	0.42	T.	2.70	4.05	5.90	4.29	37.90
Snoqualmie	.....	7.29	5.64	5.60	2.79	2.89	1.15	0.15	2.93	2.36	9.10	4.38	.....
Southbend	10.82	9.76	7.15	11.40	4.16	3.28	1.17	T.	3.25	5.02	15.06	11.43	82.50
*Spokane	2.29	2.71	1.08	1.14	1.26	1.05	0.61	0.01	2.07	0.25	2.61	0.91	15.99
Sprague	3.15	3.90	0.09	2.15	0.95	1.00	0.50	0.00	1.95	0.75	3.10	1.20	18.74
Stampede	.....	.....	.....	9.30	3.80	4.00	0.40	.....	2.41	6.65	12.60	.....	.....
Sunnyside	0.86	1.46	0.14	0.11	0.84	0.92	0.10	0.10	0.83	0.09	0.46	0.73	6.64
*Tacoma	6.48	6.56	2.97	5.93	2.26	1.46	0.50	0.32	2.42	2.60	9.62	4.63	45.75
*Twin	7.87	6.91	3.11	7.07	3.96	2.23	0.60	0.05	1.35	3.75	15.66	8.68	61.24
Union	11.87	12.03	5.58	9.61	3.51	1.67	0.41	0.21	4.20	4.93	17.80	8.77	80.59
Usk	.....	.....	.....	.....	.....	.....	.....	0.36	.....	0.43	1.74	.....	.....
Vancouver	6.66	6.70	4.71	3.36	2.29	1.89	0.18	0.18	3.07	1.10	6.74	3.68	40.56
Vashon	6.31	6.09	2.40	5.49	2.84	1.43	0.33	0.19	2.59	2.73	8.90	4.00	43.30
*Walla Walla	2.11	2.16	1.29	0.67	1.52	0.97	0.23	0.01	1.88	0.38	1.19	2.11	14.52
Waterville	2.68	1.52	0.52	0.68	1.46	1.31	0.25	0.00	1.14	T.	2.33	1.13	13.02
Wenatchee (near)	3.47	2.81	0.47	0.40	1.32	0.70	0.02	0.03	1.67	0.28	2.93	1.92	16.02
Westsound	.....	3.51	[b]1.51	2.94	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whatcom	3.97	3.18	2.89	4.49	2.59	2.18	0.34	T.	1.48	2.99	5.91	1.97	31.99
Wilbur	1.57	1.83	0.84	0.37	1.04	1.47	0.55	0.04	1.94	0.11	1.67	0.68	12.11
West Virginia.													
Beckley	2.51	0.32	2.57	5.78	4.19	4.81	1.34	2.71	1.42	.....	.....	4.63	.....
Beverly	3.87	1.50	4.44	4.95	5.50	6.14	4.77	6.12	2.39	1.07	3.31	5.82	49.88
Bluefield	3.35	1.03	2.39	8.28	8.86	10.87	3.28	9.92	1.68	1.05	1.55	7.77	60.03
Buckhannon	2.71	1.34	3.78	6.86	7.03	4.90	.....	.....	3.55	0.66	2.89	7.74	.....
Burlington	1.95	0.25	2.40	5.46	6.97	5.62	1.25	6.99	2.40	0.15	2.30	5.80	41.54
Byrne	.....	0.48	3.00	7.53	6.59	7.80	4.00	5.10	3.80	0.40	4.50	7.60	.....
Camden	2.45	1.64	3.66	9.77	8.43	3.64	3.57	5.53	4.64	0.24	3.40	5.24	52.21
Central	2.00	0.61	3.38	8.86	5.26	4.29	3.87	3.91	4.23	0.78	[c]2.81	4.67	44.67
Chapel	4.79	2.39	.....	12.07	8.82	8.77	.....	5.50	3.68	1.95	2.10	7.22	.....
*Charleston	2.10	0.32	3.36	6.85	5.40	6.92	2.08	5.00	3.57	0.70	2.23	7.41	45.94
Clay	.....	.....	5.45	10.70	6.45	.....	3.80	8.43	7.55	.....	.....	.....	.....
*Creston	2.15	0.94	3.12	9.87	4.92	7.61	1.05	3.80	3.06	0.08	2.00	4.39	43.59
Cuba	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.64	.....
Dayton	2.13	0.62	3.06	7.48	5.56	2.50	3.33	4.56	3.75	0.12	2.96	5.38	41.45
Elkhorn	3.77	1.16	3.96	5.89	7.89	10.82	3.48	5.98	2.04	0.90	1.27	8.97	56.13
*Elkins	3.65	1.17	3.50	5.61	5.95	5.94	2.98	4.23	3.14	0.50	2.90	6.92	46.49
*Fairmont	2.52	0.67	3.54	6.68	6.24	5.46	1.91	2.42	4.29	0.38	3.23	6.02	43.86
Foster	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.95	.....
*Glenville	3.11	1.36	3.26	8.76	5.49	5.05	2.93	5.34	3.55	0.70	3.48	5.54	49.57
Grafton	2.53	0.78	3.63	6.51	6.50	9.37	3.32	5.30	3.56	0.43	3.12	4.44	49.44
Green Sulphur	3.20	0.62	1.73	7.27	8.36	4.86	3.53	5.94	1.65	0.53	1.54	6.42	45.65
*Harpers Ferry	2.25	0.51	5.27	7.90	7.81	3.44	4.85	5.00	6.40	0.60	3.70	6.96	54.75
*Hinton	3.56	0.78	2.60	6.85	5.91	6.30	2.85	8.54	2.29	0.69	1.40	7.85	49.62
*Huntington	1.56	1.25	2.46	8.53	4.50	5.86	3.59	2.88	3.87	0.32	2.26	5.18	42.26
Josiah	1.48	1.13	3.35	6.91	6.44	5.73	6.21	2.49	4.37	0.45	2.53	5.61	46.70
Lewisburg	3.29	0.85	2.27	5.04	6.00	6.23	3.78	8.50	1.52	0.82	1.23	6.80	46.33
Logan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.40	7.50	.....
Magnolia	1.60	0.10	3.07	6.04	4.28	1.37	4.29	5.72	4.11	0.31	2.60	4.07	37.56
Mannington	.....	0.75	2.81	8.55	5.74	3.11	4.35	3.93	3.38	0.20	5.35	3.69	.....
Marlinton	3.58	0.97	3.06	6.13	5.11	8.77	3.59	8.03	.....	.....	.....	.....	.....
Martinsburg	1.65	0.25	3.08	6.75	8.35	5.69	5.60	7.37	2.10	0.55	3.72	5.25	50.36
Morgantown	1.96	0.55	3.67	6.15	6.10	2.34	1.86	7.87	3.68	0.36	3.02	5.57	42.63
Moscow	.....	.....	4.63	8.30	5.30	6.58	3.25	5.60	2.72	0.35	1.75	4.03	.....
Moundsville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.62	2.07	.....
New Martinsville	2.07	0.47	3.44	6.31	5.07	3.87	4.96	2.49	2.72	0.39	2.76	4.28	38.83
Nuttallburg	.....	0.20	4.40	6.77	7.98	7.68	3.70	4.54	3.27	0.25	2.23	7.05	.....
Oceana	.....	[c]0.17	3.25	6.07	8.88	8.20	1.54	6.59	4.60	0.91	2.03	7.65	.....
Oldfields	.....	0.37	1.94	5.85	7.83	3.25	2.82	6.86	1.46	0.25	[c]2.05	4.97	.....
*Parkersburg	1.18	1.12	2.21	6.52	4.28	8.16	0.69	2.44	2.96	0.23	1.78	3.57	35.14
Parsons	2.60	1.10	0.90	2.50	2.50	3.37	3.50	5.10	1.90	0.75	1.75	7.50	33.47
*Phillipi	3.55	0.82	3.26	7.03	5.68	4.58	1.76	3.33	2.70	0.51	3.07	.....	.....
*Point Pleasant	1.50	1.33	2.35	6.91	5.84	7.29	0.71	1.64	2.29	0.20	2.57	4.38	37.01
Powellton	2.97	1.09	4.53	7.47	6.46	7.16	4.20	3.18	3.35	0.83	2.31	5.45	49.00
Princeton	5.95	1.85	4.50	10.25	15.85	16.30	5.00	13.70	3.85	1.60	.....	.....	.....
Romney	1.81	0.11	2.51	6.21	6.34	1.64	2.45	6.76	2.10	0.15	2.95	5.65	38.68
*Rowlesburg	3.05	1.54	4.01	5.02	2.71	4.20	3.13	4.31	2.68	0.53	3.60	7.10	41.88
Southside	1.78	1.16	2.37	6.81	5.09	7.80	1.38	3.17	3.58	1.21	2.36	5.33	41.04
Spencer	2.56	1.66	2.99	8.83	4.87	11.10	1.21	3.88	4.37	2.07	3.13	6.09	52.76
Terra Alta	.....	1.05	4.80	.....	.....	.....	.....	.....	.....	.....	2.55	5.40	.....
Upper Tract	1.58	0.33	2.58	6.55	5.46	.....	3.48	6.19	2.49	0.18	1.55	5.30	.....
Wellsburg	1.75	0.81	2.81	8.24	6.81	4.97	3.53	4.16	3.67	0.26	1.94	4.63	43.58
*Weston	2.49	1.11	3.88	7.84	6.21	4.51	2.00	4.86	3.75	0.30	3.19	6.54	46.68
*Wheeling[1]	1.80	0.82	3.43	9.01	5.55	5.53	3.19	5.09	3.76	0.19	1.71	4.77	44.85
Wheeling[2]	1.88	0.70	3.43	8.73	5.50	6.31	2.86	3.80	4.11	0.12	1.76	4.55	43.25
Williamson	2.31	1.30	3.97	5.30	8.65	7.72	4.15	5.33	7.64	0.55	1.24	8.22	56.38
Winfield	1.43	0.95	2.38	7.89	4.70	7.83	1.72	3.26	2.97	.....	.....	.....	.....

[1] River observer.

[2] Dr. C. Schnepf.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Wisconsin.													
Amherst	0.95	0.90	2.82	1.06	.....	3.36	4.85	.....	.....	4.88	0.78	0.58	.....
Antigo	.....	0.35	.....	.....	.....	.....	3.30	3.13	3.97	1.97	1.40	0.25	.....
Appleton	.....	.....	.....	0.20	2.17	3.73	5.27	1.18	3.09	2.26	0.44	0.78	.....
Ashland	0.37	0.39	2.81	1.36	2.00	8.68	6.41	2.83	3.37	2.00	1.42	0.64	31.81
Barron	0.49	0.50	3.50	2.22	1.82	5.23	5.10	1.70	6.55	1.28	.....	0.40	.....
Bayfield	0.10	0.60	.....	0.05	0.97	5.10	1.00	.....	.....	.....	.....	.....	.....
Beloit	1.44	1.69	2.75	0.45	2.43	1.54	2.13	0.76	2.03	0.88	1.17	1.59	18.86
Brodhead	1.47	1.30	2.83	0.75	2.89	1.43	3.83	0.46	3.89	1.67	0.83	1.16	21.82
Butternut	0.72	0.50	2.30	1.45	1.42	6.03	5.41	5.29	3.37	.....	0.60	0.72	.....
Chilton	.....	.....	.....	[1]0.20	1.40	5.76	4.74	0.96	3.05	2.25	0.66	0.89	.....
Citypoint	0.65	0.54	1.99	1.12	3.56	5.28	4.30	1.36	4.29	4.23	.....	.....	.....
Darlington	.....	.....	2.23	0.85	3.14	2.65	4.40	0.25	3.68	1.76	0.88	1.46	.....
Delavan	0.75	0.65	3.15	.....	.....	.....	.....	.....	.....	.....	.....	1.60	.....
Dodgeville	0.74	0.85	1.75	0.95	3.54	1.62	4.22	0.62	4.13	2.71	.....	1.27	.....
Easton	0.52	0.92	2.47	0.40	2.14	9.66	3.71	1.87	4.69	3.51	0.80	0.49	31.18
Eau Claire	0.56	0.63	3.58	1.45	2.26	6.47	4.01	2.06	5.71	4.64	0.54	0.55	32.46
Florence	0.55	0.40	3.35	0.72	3.51	3.51	9.17	3.15	3.29	2.08	1.79	1.19	32.71
Fond du Lac	0.40	0.42	2.62	0.24	2.35	.....	.....	1.46	2.81	2.32	0.73	0.78	.....
Grand River Locks	0.36	0.64	3.00	0.49	2.84	5.29	5.45	1.60	4.11	4.45	1.10	1.29	30.62
Grantsburg	0.50	0.65	3.98	1.65	1.13	5.26	3.49	2.13	4.25	1.68	0.88	1.02	26.62
*Greenbay	0.90	0.49	2.75	0.51	2.71	3.80	4.11	1.58	4.15	3.60	0.80	1.06	26.46
Hartland	0.72	1.36	3.88	0.49	1.76	2.76	3.48	1.84	2.54	1.21	0.74	.....	.....
Harvey	1.09	0.88	2.75	0.71	2.96	1.75	1.37	1.02	3.49	2.77	0.78	1.21	20.78
Hayward	0.94	0.48	2.15	1.85	1.07	5.38	4.00	4.40	5.47	1.33	0.57	0.53	28.17
Heafford	0.60	0.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hillsboro	0.80	1.10	2.08	0.99	2.72	4.00	3.58	0.81	5.65	4.23	1.03	0.75	27.74
Knapp	.....	.....	.....	.....	.....	.....	.....	1.31	5.20	1.39	.....	.....	.....
Koepenick	1.00	0.60	3.90	0.40	1.70	3.00	7.80	3.80	5.20	3.10	1.70	0.80	33.00
*La Crosse	0.64	0.64	2.16	1.17	3.85	5.31	6.49	0.93	9.84	2.70	0.74	0.46	34.93
Ladysmith	.....	.....	.....	1.28	0.48	5.10	1.21	1.07	4.40	1.10	.....	1.20	.....
Lancaster	0.66	1.08	2.83	1.07	2.92	1.30	1.66	0.64	3.33	3.32	1.29	1.15	21.25
*Madison	0.62	0.59	2.77	0.45	2.41	2.40	1.54	1.33	4.16	2.49	0.46	1.02	20.28
Manitowoc	1.27	0.73	5.14	0.76	1.80	2.91	4.22	1.42	2.65	2.66	0.62	1.73	25.91
Meadow Valley	0.35	0.44	2.19	1.07	2.75	5.03	7.40	1.84	6.17	3.74	0.62	0.48	32.08
Medford	0.35	0.35	1.75	0.45	3.00	6.65	4.75	1.80	5.95	2.80	0.70	0.50	29.05
Menasha	0.32	0.25	2.25	0.22	1.59	3.61	5.09	0.77	2.96	5.49	0.55	0.72	23.82
*Milwaukee	1.33	1.92	3.62	0.47	1.75	1.12	2.68	1.50	1.86	0.65	0.75	1.69	18.69
Neillsville	0.50	0.45	3.10	0.92	3.92	4.56	5.27	1.75	4.75	.....	.....	0.40	.....
New Holstein	0.51	.....	.....	.....	.....	.....	.....	1.84	4.40	1.71	0.43	1.35	.....
New London	0.58	0.41	3.34	0.56	2.87	3.92	6.22	1.10	3.46	3.93	0.74	0.97	28.10
North Crandon	.....	.....	.....	0.90	1.85	5.56	9.26	2.45	3.74	1.47	1.26	0.77	.....
Oconto	1.45	0.70	3.44	0.71	3.13	2.39	3.09	2.59	4.79	3.42	1.81	0.55	28.07
Osceola	0.38	0.68	3.24	1.61	1.74	6.40	3.79	2.35	5.20	1.71	1.87	2.28	31.15
Oshkosh	1.80	.....	3.15	1.05	.....	7.60	5.55	2.15	2.45	2.90	0.80	0.40	.....
Pepin	0.49	0.60	2.21	1.34	1.11	6.90	2.11	0.90	10.04	1.52	0.63	0.74	28.59
Pine River	0.50	0.53	1.91	0.67	2.60	4.02	4.17	1.65	3.01	3.96	0.35	0.67	24.04
Portage	0.55	0.48	2.50	0.49	2.59	1.97	2.44	.....	3.17	2.67	0.79	0.95	.....
Port Washington	1.70	1.90	5.15	0.60	2.47	1.44	4.16	2.27	2.40	1.03	0.85	1.80	25.77
*Prairie du Chien [1]	0.77	0.94	3.04	1.02	1.38	2.16	2.68	1.14	4.15	2.44	0.60	0.38	20.70
*Prairie du Chien [2]	0.49	0.65	2.83	1.12	2.02	2.60	2.45	1.27	4.38	3.03	0.50	0.26	21.60
Prentice	.....	.....	.....	0.90	1.31	5.50	6.14	2.80	3.71	2.28	0.22	1.20	.....
Racine	0.83	1.62	3.79	0.33	2.09	2.28	0.86	1.41	3.82	0.86	0.87	1.29	20.00
Shawano	1.05	0.40	2.53	1.33	3.56	3.43	4.52	1.71	4.56	3.54	.....	.....	.....
Sheboygan	1.00	1.45	4.57	0.43	1.78	4.71	3.39	1.40	3.17	1.86	0.59	1.32	24.70
Spooner	0.21	0.25	4.90	1.31	1.20	.....	.....	.....	.....	.....	.....	.....	.....
Stevens Point	0.73	0.70	2.27	0.90	2.04	2.87	4.01	1.44	3.89	4.47	0.50	0.50	24.32
Valley Junction	.....	0.66	3.01	1.06	2.59	9.75	.....	[b]1.58	7.23	5.75	1.10	.....	.....
Viroqua	0.99	1.37	2.73	1.63	3.14	3.22	7.22	1.52	9.04	4.79	0.90	0.51	37.06
*Watertown	1.02	1.59	2.84	0.57	1.68	2.28	5.02	1.50	3.74	2.19	0.91	1.49	24.81
Waukesha	1.02	1.23	2.95	0.35	1.88	1.35	2.01	0.77	2.67	1.00	0.58	1.49	17.30
Waupaca	0.61	0.46	2.93	0.89	2.38	3.76	5.30	1.64	3.82	2.66	0.94	0.59	25.98
Wausau	.....	.....	.....	.....	4.20	3.68	3.27	2.10	4.52	2.04	1.47	1.66	.....
Wausaukee	1.05	0.80	2.10	0.80	2.59	2.74	6.23	2.57	2.65	3.31	1.06	.....	.....
Westbend	1.00	1.30	1.55	.....	1.69	3.98	3.88	0.73	2.22	1.51	.....	.....	.....
Westfield	0.95	0.90	2.60	0.60	2.01	5.23	3.66	1.40	3.33	3.16	0.35	0.72	24.91
Whitehall	0.42	0.71	2.16	1.38	1.70	3.66	1.59	1.64	6.44	3.37	0.66	0.87	24.60
Wyoming.													
Alcova	0.10	0.91	1.20	1.03	1.57	2.20	1.27	0.35	T.	1.45	0.50	1.37	11.95
Basin	0.00	0.16	T.	0.36	1.59	1.46	0.05	0.83	0.25	0.12	0.17	0.85	5.84
Bedford	1.24	2.11	1.68	1.81	2.68	.....	[b]0.14	1.71	1.34	.....	0.98	2.15	.....
Bigpiney	0.35	1.20	.....	0.90	.....	.....	.....	.....	.....	.....	[1]T.	0.70	.....
Bitter Creek	0.05	0.20	0.90	1.00	1.13	1.12	3.00	0.53	0.41	0.64	0.20	.....	.....
Buffalo	0.03	1.49	0.63	1.10	2.34	2.19	0.55	1.33	0.53	1.07	0.24	1.09	12.59
Burlington	T.	0.60	.....	.....	2.00	1.40	[1]0.85	.....	.....	.....	.....	.....	.....
Casper	0.10	0.53	1.08	2.04	3.08	2.99	2.87	0.46	T.	1.49	0.77	.....	.....
Centennial	0.25	2.26	0.88	2.19	3.64	1.30	1.00	3.06	0.45	0.56	0.23	0.64	16.46
*Cheyenne	0.13	1.10	1.54	2.97	2.47	1.93	1.34	0.83	0.75	0.31	T.	1.62	14.99
Chugwater	0.10	0.45	1.25	2.26	2.65	2.35	0.92	0.73	0.65	0.57	0.05	1.71	13.69
Cody	0.10	0.42	0.40	0.02	.....	.....	.....	.....	.....	.....	.....	.....	.....
Daniel	0.55	0.75	0.20	0.70	0.96	0.60	0.07	1.31	0.72	1.20	T.	1.30	8.36
Embar	.....	.....	.....	.....	2.00	3.04	0.00	0.92	0.06	T.	0.75	1.10	.....
Evanston	0.53	1.82	0.86	1.28	1.97	0.22	0.82	1.00	0.13	1.82	0.75	1.81	13.01
Fort Laramie	T.	0.85	2.11	3.48	4.29	3.43	1.62	0.57	0.38	0.31	0.16	1.12	18.32
Fort Washakie	0.20	0.04	0.03	3.10	2.90	1.70	T.	0.59	0.24	0.19	0.21	1.26	10.46
Fort Yellowstone	2.28	0.72	1.46	1.08	2.72	1.43	0.80	1.65	2.85	0.90	1.25	2.53	19.67
Fourbear	0.13	0.42	0.40	0.67	3.69	2.29	0.38	2.02	1.47	0.47	0.29	0.25	12.48
Griggs	0.16	0.73	0.86	1.63	4.81	2.02	1.09	0.90	0.18	1.03	0.87	0.90	15.18

[1] Corn and wheat region observer. [2] River observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Wyoming—Continued.													
Hyattville	0.00	0.12	T.	0.07	.....	0.20	0.00	0.09	0.11	0.05	0.00	1.20	.....
Iron Mountain	0.03	0.96	0.50	1.20	1.75	1.62	2.41	1.16	1.11	0.75	0.17	0.90	12.56
*Lander	0.16	0.94	0.38	3.11	3.13	1.87	T.	0.58	0.13	0.43	0.22	1.87	12.82
Laramie	0.04	0.41	0.05	0.28	3.00	1.73	0.32	1.11	0.09	1.28	T.	0.21	8.52
Leo	.....	.....	.....	.....	2.66	1.48	1.03	T.	0.10	1.37	0.10	0.82	.....
Lovell	T.	0.20	0.09	0.00	.....	0.29	.....	.....	.....	.....	.....	.....	.....
Lusk	0.00	0.60	1.06	.....	2.98	3.70	0.05	0.95	0.20	1.46	0.08	1.10	.....
Moore	.....	.....	.....	.....	.....	.....	1.14	0.69	0.12	0.44	0.20	1.10	.....
Myersville	T.	0.15	0.08	.....	1.01	0.22	T.	T.	.....	.....	.....	.....	.....
Parkman	0.16	0.44	0.64	1.34	3.28	3.92	0.42	1.33	0.30	1.16	0.33	1.02	14.34
Pinebluff	T.	0.80	0.80	1.45	1.34	2.22	1.00	1.88	0.90	0.20	T.	1.60	12.19
Rawlins	0.25	2.07	1.67	0.90	2.76	1.06	0.47	0.55	0.11	0.93	0.25	1.86	12.88
Rocksprings	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.17	0.03	0.46	.....
Saratoga	0.50	2.15	2.45	0.76	1.93	1.05	0.19	1.05	0.08	1.34	T.	1.95	13.45
Sheridan	0.15	0.96	1.87	0.98	3.42	2.44	0.68	1.55	0.25	0.70	0.55	1.46	15.00
South Pass City	0.38	0.45	0.69	2.57	2.55	0.96	0.10	0.60	0.70	0.50	0.20	1.50	11.20
Spring Hill	1.00	0.15	.....	.....	.....	3.12	1.05	0.00	.....	.....	.....	.....	.....
Thayne	.....	.....	0.61	.....	2.51	0.65	.....	1.02	1.38	0.76	0.99	1.67	.....
Thermopolis	.....	0.90	1.70	2.63	2.34	1.64	0.23	0.46	0.96	10.38	0.16	1.53	.....
Wheatland	0.05	1.10	0.76	1.27	2.95	2.48	0.77	0.36	0.53	.....	.....	.....	.....
Cuba.													
Aguacate	1.91	2.58	1.48	0.82	8.89	6.50	9.65	9.04	8.33	7.74	0.26	0.44	57.65
Alvarez	1.92	1.40	1.85	1.25	11.21	5.76	4.74	5.99	5.97	4.12	0.00	1.60	45.81
Australia	0.47	1.54	1.82	0.69	10.03	8.87	8.66	3.28	13.56	2.39	0.00	2.78	54.09
Banagüises	1.87	.....	2.55	1.45	15.37	7.09	13.45	4.50	12.25	2.05	T.	2.18	64.11
Batabano	0.80	1.18	1.35	0.17	7.17	5.79	3.44	2.55	7.54	0.66	0.00	0.18	30.83
Camajuani	1.22	1.61	0.44	0.57	6.78	7.63	11.65	5.15	11.34	11.87	0.26	2.45	60.97
*Cienfuegos	1.84	3.07	1.71	.....	.....	.....	6.41	2.78	14.14	2.43	T.	1.79	.....
Ciego de Avilla	.....	.....	.....	.....	.....	5.20	.....	6.06	11.15	4.00	0.10	1.92	.....
Cruces	1.12	1.72	1.70	0.48	7.90	7.27	7.63	7.52	10.14	1.49	0.00	1.04	47.96
Gibara	2.77	1.40	1.32	0.20	10.47	5.35	5.00	2.08	6.41	11.18	8.25	6.39	60.82
Guabairo	2.65	1.65	1.50	0.17	7.87	8.55	11.25	7.37	10.02	4.23	0.00	1.58	56.84
Guanajay	2.73	1.71	1.27	0.90	14.22	14.58	8.10	10.96	12.18	3.51	0.60	0.80	71.56
Guantanamo	0.42	0.13	1.17	0.13	8.95	2.27	4.22	3.56	9.48	20.11	1.98	0.57	52.99
Guines	1.62	1.37	0.00	0.00	9.81	9.98	12.93	5.71	21.15	0.00	0.00	0.91	63.48
*Havana	8.44	1.52	0.52	0.55	10.10	6.55	9.09	6.63	4.98	5.45	0.95	1.13	55.91
Holguin	0.95	1.03	0.15	0.00	5.97	8.41	2.94	0.87	4.57	6.34	1.21	5.50	37.94
Isabel, Guantanamo	1.15	0.92	1.90	0.17	8.72	4.00	6.62	4.73	10.27	16.19	1.86	0.28	56.81
Los Canos	0.89	0.10	1.43	0.30	7.05	1.19	2.76	3.38	6.43	17.40	0.70	1.12	42.75
Magdalena	0.75	2.79	1.78	1.05	16.65	13.77	8.89	.....	20.78	1.23	0.00	1.42	.....
Manzanillo	0.55	1.25	1.18	T.	1.99	17.52	8.84	4.05	7.25	5.26	T.	0.81	48.70
Matanzas	1.35	0.60	1.54	1.33	20.27	6.00	.....	.....	.....	.....	.....	.....	.....
Moron Trocha	0.50	1.45	1.50	0.65	5.18	10.72	6.98	6.75	12.31	7.40	0.26	1.64	56.34
Nuevitas	0.47	0.48	2.21	0.94	4.76	12.29	2.50	0.44	3.20	5.93	.....	.....	.....
Numero	0.89	1.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Puerto Principe	0.22	0.07	1.64	0.50	6.50	14.90	11.63	2.50	8.59	7.23	0.33	0.52	54.63
Pinar del Rio	1.43	1.34	1.61	2.55	15.24	14.73	10.22	11.54	14.92	4.81	0.25	1.83	80.47
Romelie, Guantanamo	1.54	2.89	1.03	0.47	7.80	2.64	5.83	4.62	8.77	13.68	0.68	0.15	50.00
Sagua la Grande	0.78	1.09	1.49	0.36	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Cayetano	1.15	T.	0.95	1.20	9.00	4.65	7.30	2.35	13.70	10.19	0.00	0.50	50.99
Sancti Spiritus	1.12	2.60	1.36	0.45	14.21	16.19	9.76	5.31	15.92	1.30	0.93	1.28	70.43
Santa Clara	0.46	1.94	0.41	0.06	3.81	9.01	13.59	7.03	14.00	11.62	T.	1.99	63.92
Santa Cruz del Sur	.....	.....	.....	0.40	2.18	10.45	9.58	4.64	14.00	4.58	.....	.....	.....
*Santiago de Cuba	3.46	0.85	1.66	0.27	5.19	6.72	9.82	2.71	11.10	12.78	0.49	2.54	57.59
Soledad	1.61	2.54	1.61	0.28	6.03	6.99	8.34	7.25	13.36	1.52	0.00	1.66	51.19
Soledad, Guantanamo	1.68	T.	2.94	0.84	13.01	3.60	6.35	1.85	7.63	20.81	1.66	0.52	60.39
Union de Reyes	0.89	1.83	0.75	0.70	11.60	10.66	5.18	6.14	11.51	.....	.....	1.36	.....
Yaguajay	0.68	2.04	0.93	0.48	7.04	11.58	13.97	4.97	12.51	8.20	0.80	3.20	66.40
Yatras	0.89	0.66	1.27	0.50	8.38	4.01	6.83	6.20	12.69	16.11	1.27	0.32	59.13
Porto Rico.													
Adjuntas	6.19	2.02	8.35	0.76	8.89	4.26	11.59	6.70	20.82	10.94	17.83	4.60	102.95
Aguadilla	2.51	1.14	7.29	8.43	12.00	.....	.....	.....	.....	.....	11.17	4.80	.....
Aguirre	.....	1.84	0.91	0.67	2.47	3.74	9.17	4.26	8.02	7.81	6.18	3.44	.....
Arecibo	3.04	1.40	7.59	7.68	8.25	4.25	5.62	2.72	6.05	11.74	16.36	8.15	82.85
Barros	.....	.....	.....	0.51	15.09	4.22	13.18	4.40	9.91	18.35	21.57	6.40	.....
Bayamon	3.50	0.70	9.65	1.37	13.22	13.18	9.70	9.42	9.12	9.45	12.40	9.97	101.68
Caguas	.....	0.09	.....	.....	5.34	6.49	28.35	10.16	18.50	11.77	.....	.....	.....
Canovanas	2.98	0.10	6.33	0.41	4.34	9.39	17.43	6.63	10.81	11.89	10.65	5.77	86.73
Cayey	4.99	1.14	6.79	1.33	5.50	13.48	16.57	5.61	10.92	12.16	15.63	4.09	98.21
Cidra	7.47	1.21	7.77	1.25	4.69	6.45	12.51	8.39	6.41	9.36	10.70	5.60	81.81
Coamo	14.20	5.70	2.08	1.45	7.39	4.15	3.71	4.12	10.17	12.09	.....	14.50	.....
Comerio	5.19	2.67	.....	0.21	8.47	5.71	11.25	.....	.....	.....	.....	.....	.....
Corozal	6.11	3.15	11.96	2.75	11.90	4.70	15.41	8.51	12.17	17.07	14.98	10.36	119.07
Fajardo	6.07	1.34	3.90	3.03	7.13	8.16	16.01	2.90	9.03	8.81	14.87	6.71	87.96
Guayamas	.....	.....	.....	2.18	.....	6.52	11.08	5.82	9.19	9.61	4.11	4.24	.....
Hacienda Amistad	2.60	1.14	2.63	0.32	6.30	4.84	.....	6.03	7.97	6.30	13.97	8.10	.....
Hacienda Coloso	2.45	2.05	8.13	6.54	13.61	11.50	8.60	6.32	14.69	9.09	14.02	5.23	102.23
Hacienda Perla *a*	5.57	1.52	9.47	5.56	17.64	24.64	33.57	7.80	16.78	15.08	18.80	13.03	168.76
Hacienda Perla *b*	6.07	1.85	11.03	7.05	16.26	25.34	33.58	8.19	16.10	14.16	16.43	11.67	167.73
Humacao	5.67	0.13	4.51	2.04	14.55	14.44	14.76	10.70	12.40	15.80	15.60	6.40	117.00
Isabela	3.52	0.44	3.90	8.68	7.64	7.46	4.61	2.53	5.00	9.26	14.57	9.36	76.97
Isolina	7.08	1.01	11.40	7.08	23.05	10.91	9.14	5.64	12.25	19.84	16.17	10.62	134.19
Juana Diaz	3.85	0.20	2.36	1.94	5.44	1.97	.....	.....	6.23	5.81	10.75	1.83	.....
Lajas	2.60	1.14	2.63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Las Marias	2.19	0.58	5.72	3.90	.....	.....	6.99	16.70	11.68	7.82	17.59	2.59	.....
Manati	5.64	0.76	12.58	5.44	8.18	9.79	8.40	3.60	7.28	11.29	18.90	7.00	96.86
Maunabo	6.57	2.09	3.72	1.78	13.85	11.06	5.36	6.37	8.08	11.15	13.84	11.04	94.86
Mayaguez	2.19	0.58	5.72	3.90	11.87	10.44	17.06	9.86	13.00	11.37	12.84	2.08	100.91
Morovis	6.25	0.96	12.96	6.04	14.51	5.83	17.29	6.98	13.27	15.78	.....	.....	.....
Ponce	2.38	1.38	0.88	0.39	1.35	0.72	6.39	2.47	4.73	7.29	.....	2.32	.....

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS) FOR 1901—Continued.

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Porto Rico—Continued.													
Port America		1.84	0.91										
Salinas	0.96		0.92	1.33									
San German					5.98					9.38	18.95	4.90	
San Isabel						1.39	6.79	2.96	10.10	6.30	8.16	1.17	
San Juan	4.86	0.50	4.60	1.11	4.84	7.05	10.98	8.59	7.39	8.30	9.55	8.43	75.70
San Lorenzo	6.36	1.40	8.60	0.86	6.15	10.88	11.63	7.27	10.04	13.07	10.80	5.29	92.35
San Salvador						7.96	6.58	6.24	16.21	12.64	12.38	4.34	
Santurce				0.66	4.97	8.03							
Utuado	4.09	0.49	8.71	5.84	17.91	11.31	6.48	7.04	15.47	17.19	15.20	3.75	113.48
Vieques	5.74	4.18	3.11	2.55	7.50	5.55	11.80	6.80	12.10	6.05	3.25	4.55	73.18
Yauco	3.04	1.50	3.16	0.37	3.78	1.27	9.72	4.30	9.57	3.36	7.52	1.52	49.11

MONTHLY AND SEASONAL SNOWFALL 1901–1902.

[Inches and tenths.]

NOTE.—Leaders under heading of months indicate no snow: under annual, report incomplete; T, a trace; (*) no report.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Alabama.										
Ashville	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Bermuda	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Birmingham	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Decatur	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Eutaw	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Florence	.....	.....	.....	2.0	0.5	0.0	.....	.....	.....	2.5
Greensboro	.....	.....	.....	0.1	0.0	0.0	.....	.....	.....	0.1
Hamilton	.....	.....	.....	2.5	0.0	T.	.....	.....	.....	2.5
Mobile	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Montgomery	.....	.....	.....	T.	0.0	T.	.....	.....	.....	T.
Newbern	.....	.....	.....	0.5	0.0	0.0	.....	.....	.....	0.5
Oneonto	.....	.....	.....	1.0	T.	0.0	T.	.....	.....	1.0
Union Springs	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Valleyhead	.....	.....	.....	T.	0.0	1.0	.....	.....	.....	1.0
Arizona.										
Buckeye	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Casa Grande	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Congress	.....	.....	.....	0.0	4.0	0.0	8.0	.....	.....	12.0
Flagstaff	.....	.....	T.	1.5	32.9	13.1	25.9	3.4	.....	76.8
Fort Apache	.....	.....	.....	0.0	5.8	0.0	T.	.....	.....	5.8
Fort Defiance	.....	.....	.....	4.0	19.0	3.0	3.5	2.0	.....	31.5
Fort Grant	.....	.....	.....	T.	2.0	0.0	6.5	.....	.....	8.5
Gilabend	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Jerome	.....	T.	0.0	0.0	11.5	0.0	.....	.....	.....	11.5
Maricopa	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Mount Huachuca	.....	T.	0.0	T.	0.6	0.0	1.5	.....	.....	2.1
Phoenix	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Prescott	.....	.....	.....	0.0	22.0	T.	15.0	5.0	.....	42.0
San Carlos	.....	.....	.....	0.0	T.	0.0	.....	.....	.....	T.
Signal	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Strawberry	.....	.....	.....	0.5	19.0	(*)	(*)	(*)	.....	.....
Tucson	.....	.....	.....	0.0	0.0	0.0	1.5	.....	.....	1.5
Arkansas.										
Amity	.....	.....	.....	T.	4.0	T.	.....	.....	.....	4.0
Blanchard Springs	.....	.....	.....	T.	T.	T.	.....	.....	.....	T.
Camden	.....	.....	.....	2.0	11.6	0.0	0.0	T.	.....	13.6
Conway	.....	.....	.....	T.	T.	4.8	.....	.....	.....	4.8
Corning	.....	.....	.....	8.7	T.	12.5	T.	.....	.....	21.2
Dallas	.....	.....	.....	2.0	0.5	4.0	.....	.....	.....	6.5
Fort Smith	.....	.....	.....	0.7	6.1	6.0	.....	.....	.....	12.8
Hardy	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Helena	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Jonesboro	.....	.....	.....	1.0	0.0	0.0	T.	.....	.....	1.0
Keesees Ferry	.....	.....	.....	2.5	4.5	9.3	.....	.....	.....	16.3
Little Rock	.....	.....	.....	T.	1.7	1.5	.....	.....	.....	3.2
Malvern	.....	.....	.....	T.	3.0	T.	.....	.....	.....	3.0
New Gascony	.....	.....	.....	1.8	3.2	0.0	.....	.....	.....	5.0
Newport	.....	.....	.....	T.	4.0	1.5	.....	.....	.....	5.5
Oregon	.....	.....	.....	0.2	T.	8.8	.....	.....	.....	9.0
California.										
Bear Valley	3.0	5.0	3.0	4.0	21.0	56.5	89.0	14.5	.....	196.0
Bishop	.....	.....	.....	0.0	0.8	0.0	0.8	.....	.....	1.6
Boca	4.0	2.0	0.0	0.0	13.0	25.0	27.0	1.0	T.	74.2
Bodie	2.0	10.0	14.0	4.0	3.0	22.5	25.0	2.0	.....	82.5
Bowman	8.0	10.0	2.0	5.5	16.5	83.5	74.0	14.0	.....	213.5
Cedarville	.....	.....	.....	4.5	14.5	8.0	27.0	2.0	.....	56.0
Cisco	11.0	24.0	0.0	0.0	12.5	121.5	54.0	16.0	9.0	248.0
Delta	.....	.....	.....	0.0	7.0	0.0	.....	.....	.....	7.0
Edmanton	2.0	2.0	0.0	8.0	16.0	66.0	72.0	11.0	.....	177.0
Elsinore	.....	.....	.....	0.0	5.0	0.0	.....	.....	.....	5.0
Escondido	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
California—Continued.										
Fordyce Dam	19.0	16.0	15.5	4.5	21.0	140.0	115.0	17.0	.....	348.0
Georgetown	.....	.....	.....	0.0	T.	1.0	12.0	.....	.....	13.0
Greenville	1.0	0.5	0.0	1.0	8.0	7.5	41.0	0.5	.....	59.5
Independence	.....	.....	.....	0.0	T.	0.0	.....	.....	.....	T.
Laporte	11.7	6.0	4.0	6.1	18.8	145.9	91.8	29.3	.....	313.6
Lick Observatory	.....	.....	.....	T.	T.	0.0	(*)	T.	.....	.....
Lodi	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Los Angeles	.....	.....	.....	0.0	T.	0.0	.....	.....	.....	T.
Mohave	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
North Bloomfield	.....	.....	.....	0.0	3.5	7.5	12.8	1.0	.....	24.8
Pilot Creek	.....	T.	1.5	2.0	13.5	16.0	52.8	11.0	.....	96.8
Quincy	.....	T.	0.0	0.0	9.0	9.0	24.2	0.0	T.	42.2
Red Bluff	.....	.....	.....	.....	.....	.....	3.0	.....	.....	3.0
Rosewood	.....	.....	.....	0.0	T.	0.0	6.0	.....	.....	6.0
Sacramento	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
San Francisco	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Summerdale	1.0	3.0	6.0	1.0	11.0	38.0	33.0	12.0	.....	105.0
Susanville	.....	T.	0.0	T.	9.0	9.0	25.0	1.0	.....	44.0
Truckee	5.0	0.0	14.0	3.0	11.0	33.0	56.0	0.0	2.0	124.0
Yreka	.....	.....	.....	T.	T.	T.	.....	.....	.....	T.
Colorado.										
Boulder	.....	4.0	T.	15.0	7.2	6.5	9.5	3.0	.....	45.2
Boxelder	.....	.....	0.8	27.0	2.5	4.2	15.0	2.0	.....	51.5
Breckinridge	0.8	9.8	12.2	46.4	7.2	14.8	21.0	22.2	T.	134.4
Buena Vista	.....	.....	.....	6.0	4.0	2.0	6.5	.....	.....	18.5
Castlerock	.....	2.5	0.0	8.4	2.4	6.4	7.5	3.5	.....	30.7
Cedaredge	.....	.....	.....	2.0	6.1	9.2	5.5	0.6	T.	23.4
Cheyenne Wells	.....	T.	T.	4.5	T.	2.5	3.0	T.	.....	10.0
Clearview	.....	.....	.....	11.0	12.5	17.8	41.0	3.0	T.	85.3
Colorado Springs	.....	.....	T.	5.2	2.8	4.5	8.0	T.	.....	20.5
Delta	.....	.....	T.	1.5	2.8	T.	T.	T.	T.	4.3
Denver	.....	2.0	0.0	10.3	2.8	6.1	5.0	6.1	.....	32.3
Fort Collins	.....	.....	.....	15.5	6.8	2.2	2.5	(*)	.....	.....
Gilman	.....	2.8	17.0	40.8	18.5	17.0	22.0	20.0	10.0	148.1
Grand Junction	.....	.....	T.	3.0	3.2	0.6	3.2	.....	.....	10.0
Hoehne	.....	.....	.....	5.7	1.3	4.0	3.0	.....	.....	14.0
Hugo	.....	.....	.....	11.0	2.0	(*)	(*)	(*)	.....	.....
Husted	.....	3.0	0.0	2.5	2.8	9.0	8.8	9.5	.....	35.6
Lake Moraine	.....	7.0	8.2	12.0	9.0	13.5	28.0	8.5	6.2	92.4
Lamar	.....	.....	.....	1.5	2.0	8.5	4.0	.....	.....	16.0
Las Animas	.....	.....	.....	5.5	1.5	3.0	6.0	.....	.....	16.0
Leadville	T.	4.2	17.0	31.0	10.5	12.0	28.0	26.0	1.0	129.5
Longs Peak	.....	2.5	3.0	17.0	3.5	1.0	18.5	13.2	6.0	64.7
Marshall Pass	.....	11.0	8.0	(*)	15.0	39.0	42.0	6.0	15.5	.....
Meeker	.....	.....	.....	18.4	13.1	10.1	15.8	(*)	.....	.....
Mitchell	T.	4.5	11.0	14.0	14.0	16.0	16.5	13.5	5.0	94.5
Pagoda	.....	.....	6.0	15.7	(*)	(*)	(*)	(*)	3.0	.....
Pueblo	.....	.....	.....	4.0	1.7	2.9	4.0	T.	.....	12.6
Rockyford	.....	.....	.....	3.5	3.0	0.5	4.0	.....	.....	11.0
Ruby	1.2	25.0	24.0	41.0	40.0	37.0	50.0	34.0	5.0	257.2
Saguache	.....	.....	.....	2.0	3.9	2.0	1.0	.....	.....	8.9
Salida	.....	.....	.....	14.0	2.8	1.0	2.8	0.4	.....	21.0
San Luis	.....	.....	T.	2.6	5.6	1.7	6.8	.....	.....	16.7
Trinidad	.....	.....	.....	10.0	4.6	4.0	6.0	.....	.....	24.6
Wray	.....	.....	.....	10.0	4.0	9.0	T.	5.0	.....	28.0
Connecticut.										
Canton	.....	.....	T.	11.0	5.5	31.0	11.0	T.	.....	58.5
Hawleyville	.....	.....	2.2	0.5	6.5	18.2	11.6	2.0	.....	41.0
Middletown	.....	T.	1.0	8.2	7.8	34.0	8.5	.....	.....	59.5
New Haven	.....	T.	1.3	6.5	5.8	16.0	7.5	.....	.....	37.1
New London	.....	.....	T.	4.0	6.2	26.5	T.	.....	.....	36.7
Southington	.....	.....	0.8	6.8	5.8	24.5	7.0	T.	.....	44.9
West Simsbury	.....	.....	2.0	11.0	4.0	27.0	8.0	T.	.....	52.0
Delaware.										
Millsboro	.....	.....	1.0	T.	4.0	16.0	.....	.....	.....	21.0
Seaford	.....	.....	1.2	T.	3.5	15.0	0.0	T.	.....	19.7

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
District of Columbia.										
Washington	.....	.....	0.2	0.3	7.1	1.5	4.0	T.	.....	13.1
Florida.										
Pensacola	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Georgia.										
Adairsville	.....	.....	T.	T.	T.	2.5	.....	.....	.....	2.5
Americus	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Atlanta	.....	.....	T.	0.2	0.0	0.4	.....	.....	.....	0.6
Augusta	.....	.....	.....	1.1	0.0	T.	.....	.....	.....	1.1
Clayton	.....	.....	2.0	5.5	1.0	14.0	.....	.....	.....	22.5
Covington	.....	.....	T.	1.2	T.	1.0	.....	.....	.....	2.2
Dahlonega	.....	.....	2.0	3.5	0.5	9.0	T.	.....	.....	15.0
Harrison	.....	.....	.....	2.0	0.0	0.0	.....	.....	.....	2.0
Hephzibah	.....	.....	.....	1.0	0.0	0.0	.....	.....	.....	1.0
Macon	.....	.....	.....	3.0	0.0	0.0	.....	.....	.....	3.0
Marshallville	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Putnam	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Savannah	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Talbotton	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Idaho.										
Blackfoot	.....	.....	.....	T.	5.5	7.5	2.0	T.	T.	15.0
Boise	.....	.....	.....	0.2	7.9	6.5	6.6	1.1	.....	22.3
Burnside	.....	.....	1.0	1.5	7.9	12.5	5.5	6.0	.....	34.4
Chesterfield	.....	.....	T.	3.0	8.0	8.0	18.0	7.0	5.0	49.0
Downey	.....	.....	.....	3.2	4.0	(*)	8.0	.....	.....	.....
Lake	.....	.....	.....	29.0	3.0	7.0	26.0	8.0	15.0	88.0
Lakeview	.....	.....	6.0	0.5	4.0	12.0	3.0	.....	.....	25.5
Lewiston	.....	.....	.....	T.	4.8	0.3	0.8	.....	.....	5.9
Lost River	.....	.....	1.0	6.8	0.8	5.1	8.5	1.0	T.	23.2
Moscow	.....	.....	0.5	5.8	14.2	6.0	2.4	0.0	0.8	29.7
Murray	.....	.....	5.0	39.0	6.0	30.0	18.0	7.0	.....	105.0
Oakley	.....	.....	.....	(*)	5.0	1.0	2.0	.....	.....	.....
Ola	.....	.....	.....	6.2	16.3	4.9	6.4	1.0	.....	34.8
Payette	.....	.....	.....	0.5	5.8	3.0	1.0	.....	.....	10.3
Pocatello	.....	.....	.....	4.6	8.6	3.2	7.9	2.4	.....	26.7
St. Maries	.....	.....	2.5	4.6	7.5	3.5	8.5	.....	.....	26.6
Soldier	.....	.....	.....	4.8	5.8	26.2	13.6	T.	1.3	51.7
Swan Valley	.....	.....	.....	14.0	5.8	2.2	18.5	.....	.....	40.5
Illinois.										
Albion	.....	.....	.....	3.0	5.4	2.5	0.7	.....	.....	11.6
Alexander	.....	.....	.....	4.5	9.0	2.5	0.8	T.	.....	16.8
Ashton	.....	.....	0.4	5.4	7.5	3.8	1.5	T.	.....	18.6
Bloomington	.....	.....	T.	3.7	9.6	4.3	2.5	T.	.....	20.1
Cairo	.....	.....	.....	7.1	0.1	4.5	0.7	.....	.....	12.4
Cambridge	.....	.....	2.0	3.0	6.2	3.8	T.	.....	.....	15.0
Carlinville	.....	.....	.....	4.6	8.8	3.0	0.8	T.	.....	17.2
Charleston	.....	.....	.....	6.0	7.4	3.9	T.	T.	.....	17.3
Chicago	.....	.....	0.1	4.2	6.2	5.5	2.1	0.1	T.	18.2
Cisne	.....	.....	.....	6.5	1.0	1.5	T.	.....	.....	9.0
Cobden	.....	.....	.....	6.0	T.	4.0	T.	.....	.....	10.0
Greenville	.....	.....	.....	5.0	6.1	6.2	.....	.....	.....	17.3
Havana	.....	.....	T.	1.0	8.5	2.1	0.1	T.	.....	11.7
Joliet	.....	.....	T.	9.3	5.8	4.6	3.8	T.	.....	23.5
Mascoutah	.....	.....	.....	6.2	5.8	2.9	0.3	.....	.....	15.2
Ottawa	.....	.....	T.	4.5	6.3	7.2	1.5	T.	.....	19.5
Palestine	.....	.....	.....	6.7	4.5	3.6	T.	T.	.....	14.8
Rantoul	.....	.....	T.	2.7	8.7	6.3	0.5	T.	.....	18.2
Riley	.....	.....	T.	4.0	6.4	3.7	2.1	T.	.....	16.2
Scales Mound	.....	.....	1.5	1.0	6.8	4.2	(*)	(*)	.....	.....
Springfield	.....	.....	.....	5.5	11.7	3.5	0.3	.....	.....	21.0
Indiana.										
Angola	.....	.....	0.8	2.8	8.8	5.8	0.5	0.4	.....	19.1
Bluffton	.....	.....	1.0	7.5	(*)	3.5	T.	T.	.....	.....

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Indiana—Continued.										
Butlerville	.....	.....	T.	5.6	5.0	5.5	3.0	T.	.....	19.1
Cambridge City	.....	.....	0.1	6.9	3.3	1.8	1.5	0.2	.....	13.8
Evansville	.....	.....	.....	7.4	T.	0.5	0.3	.....	.....	8.2
Greensburg	.....	.....	(*)	11.0	(*)	T.	1.0	T.	.....	.....
Indianapolis	.....	.....	T.	7.0	5.2	3.9	1.5	0.2	.....	17.8
Kokomo	.....	.....	T.	3.0	7.1	6.0	2.0	0.5	.....	18.6
Lafayette	.....	.....	T.	2.4	9.0	10.5	1.9	T.	.....	23.8
Laporte	.....	.....	0.5	8.5	9.8	14.8	4.2	1.0	.....	38.8
Marengo	.....	.....	0.5	4.2	3.5	6.4	4.0	T.	.....	18.6
Markle	.....	T.	2.0	7.0	8.5	5.5	1.5	0.5	.....	25.0
Richmond	.....	.....	T.	3.0	3.0	T.	1.0	T.	.....	7.0
Scottsburg	.....	.....	.....	6.5	4.5	2.5	4.5	T.	.....	18.0
South Bend	.....	.....	1.0	11.0	15.0	11.5	4.5	1.0	.....	44.0
Syracuse	.....	T.	2.5	8.5	13.4	13.0	4.0	1.5	.....	42.9
Terre Haute	.....	.....	.....	5.2	5.8	4.8	T.	T.	.....	15.8
Vevay	.....	.....	T.	6.0	6.0	2.5	5.5	.....	.....	20.0
Worthington	.....	.....	T.	9.5	5.7	2.2	0.7	T.	.....	15.1
Indian Territory.										
Hartshorne	.....	.....	.....	0.0	5.0	7.0	.....	.....	.....	12.0
Healdton	.....	.....	.....	T.	T.	2.0	.....	.....	.....	2.0
South McAlester	.....	.....	.....	T.	0.5	6.5	.....	.....	.....	7.0
Tahlequah	.....	.....	.....	1.0	7.0	9.5	.....	.....	.....	17.5
Webbers Falls	.....	.....	.....	0.8	4.3	6.0	.....	.....	.....	11.1
Iowa.										
Algona	.....	.....	1.0	7.8	10.4	4.0	0.8	.....	.....	24.0
Alta	.....	.....	0.7	8.3	14.4	2.5	1.3	.....	.....	27.2
Ames	.....	.....	3.0	4.2	14.5	1.4	0.5	.....	.....	23.6
Atlantic	.....	.....	0.5	6.0	17.0	4.5	1.5	.....	.....	29.5
Belle Plaine	.....	.....	6.0	6.5	10.7	4.9	0.5	.....	.....	28.6
Britt	.....	T.	2.0	3.7	5.5	1.0	0.8	.....	.....	13.0
Cedar Rapids	.....	.....	0.5	3.5	10.4	2.5	0.2	.....	.....	17.1
Centerville	.....	.....	(*)	(*)	3.0	1.0	T.	.....	.....	.....
Chariton	.....	.....	4.5	4.5	8.0	1.8	1.5	.....	.....	20.3
Clarinda	.....	.....	3.5	7.0	13.2	3.4	0.2	T.	.....	27.3
Corning	.....	.....	4.0	8.5	14.5	4.0	1.0	.....	.....	32.0
Cresco	.....	T.	4.0	4.0	6.0	5.0	4.0	.....	.....	23.0
Davenport	.....	T.	T.	2.1	7.3	1.6	0.1	.....	.....	11.1
Delaware	.....	.....	3.5	4.5	8.0	2.0	0.5	.....	.....	18.5
Des Moines	.....	.....	2.0	7.9	12.0	1.3	0.6	T.	.....	23.8
Dubuque	.....	.....	4.9	3.0	8.3	2.9	1.4	T.	.....	20.5
Fayette	.....	T.	5.0	4.4	8.6	1.9	3.8	.....	.....	23.7
Humboldt	.....	.....	2.0	3.0	8.0	T.	(*)	.....	.....	.....
Independence	.....	.....	3.2	4.8	9.3	2.0	0.7	.....	.....	20.0
Iowa City	.....	.....	1.0	2.5	14.0	1.8	T.	.....	.....	19.3
Iowa Falls	.....	T.	3.0	6.5	18.0	3.0	1.0	T.	.....	21.5
Keokuk	.....	.....	0.1	3.1	5.5	0.4	1.0	.....	.....	10.1
Keosauqua	.....	.....	0.1	2.0	5.6	1.3	T.	.....	.....	9.0
Logan	.....	.....	3.0	11.0	13.0	5.0	T.	.....	.....	32.0
Sioux City	.....	.....	1.4	8.4	13.9	2.7	1.5	T.	.....	27.9
Storm Lake	.....	T.	0.7	6.6	10.4	1.2	0.3	T.	.....	19.2
Thurman	.....	.....	(*)	8.5	7.5	0.4	(*)	.....	.....	.....
Waverly	.....	T.	3.0	5.3	11.0	3.2	1.7	.....	.....	24.2
Kansas.										
Abilene	.....	.....	.....	T.	9.0	3.8	T.	.....	.....	12.8
Achilles	.....	.....	.....	4.5	4.2	3.8	T.	0.5	.....	13.0
Altoona	.....	.....	.....	1.5	2.5	(*)	(*)	(*)	.....	.....
Burlington	.....	.....	.....	0.5	8.0	16.0	T.	.....	.....	24.5
Colby	.....	.....	.....	3.0	3.2	4.2	0.0	3.0	.....	13.4
Columbus	.....	.....	.....	2.8	4.6	7.1	T.	.....	.....	14.5
Concordia	.....	.....	.....	0.1	7.2	1.8	T.	.....	.....	9.1
Dodge	.....	T.	0.0	0.4	4.5	1.5	4.8	.....	.....	11.2
Emporia	.....	.....	.....	1.0	10.0	12.0	2.8	.....	.....	25.8
Englewood	.....	T.	0.0	0.5	4.2	4.0	4.0	.....	.....	12.7
Eureka Ranch	.....	.....	.....	5.5	6.3	5.8	T.	T.	.....	17.6
Fall River	.....	.....	.....	T.	2.0	9.0	T.	.....	.....	11.0

MONTHLY AND SEASONAL SNOWFALL 1901-1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Kansas—Continued.										
Frankfort	.....	.....	.....	2.8	11.5	0.6	0.2	T.	.....	15.1
Garden City	.....	.....	.....	0.9	1.5	5.2	2.0	.....	.....	9.6
Grenola	.....	.....	.....	1.0	6.0	5.0	T.	.....	.....	12.0
Hays	.....	.....	.....	7.0	10.0	(*)	(*)	.....	.....	.....
Horton	.....	.....	T.	3.5	14.0	3.5	1.0	T.	.....	22.0
Hutchinson	.....	.....	.....	1.5	11.0	13.0	4.0	.....	.....	29.5
Independence	.....	.....	.....	2.3	3.7	5.0	T.	.....	.....	11.0
Lakin	.....	.....	.....	1.0	2.0	4.0	4.0	.....	.....	11.0
Little River	.....	.....	.....	1.0	15.2	1.9	2.0	.....	.....	20.1
McPherson	.....	.....	.....	(*)	14.5	5.0	2.5	.....	.....	.....
Manhattan	.....	.....	.....	1.1	11.0	4.9	0.3	.....	.....	17.2
Marion	.....	.....	T.	3.0	18.0	6.0	2.5	.....	.....	29.5
Medicine Lodge	.....	.....	.....	T.	7.0	2.3	T.	.....	.....	9.3
Minneapolis	.....	T.	0.0	0.5	6.3	2.2	1.5	0.8	.....	11.3
Moran	.....	.....	.....	0.8	8.0	15.0	2.0	.....	.....	25.8
Ness City	.....	.....	.....	3.0	7.3	3.5	0.5	.....	.....	14.3
Osage City	.....	.....	0.1	2.2	10.7	9.0	1.0	.....	.....	23.0
Phillipsburg	.....	.....	.....	T.	6.5	(*)	T.	T.	.....	.....
Pratt	.....	.....	.....	2.0	8.0	1.5	5.0	.....	.....	16.5
Rome	.....	.....	.....	T.	5.0	9.0	T.	.....	.....	14.0
Sedan	.....	.....	.....	3.0	1.5	6.0	T.	.....	.....	10.5
Topeka	T.	.....	0.5	4.7	12.4	5.0	1.7	.....	.....	24.3
Viroqua	.....	.....	.....	1.0	5.0	2.0	2.0	.....	.....	10.0
Wichita	.....	.....	.....	0.9	4.7	7.4	3.0	.....	.....	16.0
Kentucky.										
Alpha	.....	.....	.....	5.6	(*)	7.2	5.5	T.	.....	.....
Bowling Green	.....	.....	.....	(*)	1.0	2.0	T.	T.	.....	.....
Catlettsburg	.....	.....	T.	4.0	4.0	T.	12.0	T.	.....	20.0
Earlington	.....	.....	.....	8.8	5.1	0.4	4.0	T.	.....	18.3
Edmonton	.....	.....	.....	11.0	2.0	5.5	6.1	.....	.....	24.6
Eubank	.....	.....	.....	4.0	(*)	2.0	8.0	.....	.....	.....
Falmouth	.....	.....	T.	2.0	7.0	2.0	8.0	T.	.....	19.0
Irvington	.....	.....	.....	4.0	2.0	0.4	4.4	.....	.....	10.8
Lexington	.....	.....	T.	3.4	1.5	4.0	10.3	0.1	.....	19.3
Louisville	.....	.....	.....	5.1	1.2	2.4	5.5	T.	.....	14.2
Marrowbone	.....	.....	T.	8.5	3.0	4.0	6.0	T.	.....	21.5
Paducah	.....	.....	.....	8.5	T.	2.5	2.0	.....	.....	13.0
Scott	.....	.....	T.	3.8	8.0	2.9	3.7	T.	.....	18.4
Williamsburg	.....	.....	.....	10.4	T.	(*)	6.0	.....	.....	.....
Louisiana.										
Collinston	.....	.....	.....	T.	T.	T.	.....	.....	.....	T.
Lake Providence	.....	.....	.....	T.	T.	0.0	.....	.....	.....	T.
Monroe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plain Dealing	.....	.....	.....	0.5	1.4	T.	.....	.....	.....	0.0
Shreveport	.....	.....	.....	T.	T.	1.4	.....	.....	.....	1.9
White Sulphur Springs	.....	.....	.....	2.0	2.0	0.0	.....	.....	.....	1.4
Maine.										4.0
Bar Harbor	.....	T.	6.5	16.5	9.0	21.0	17.5	T.	.....	70.5
Belfast	.....	T.	15.0	22.0	14.0	20.5	18.0	T.	.....	89.5
Calais	.....	0.8	9.6	21.0	9.0	23.0	15.0	6.0	.....	84.4
Eastport	.....	0.1	4.4	22.0	11.8	19.6	16.0	8.8	.....	83.1
Farmington	.....	T.	19.0	28.0	14.2	22.5	13.0	(*)	.....	.....
Gardiner	.....	.....	10.0	13.8	6.5	8.5	4.5	.....	.....	43.3
Lewiston	.....	.....	11.2	20.0	10.2	15.5	13.8	1.5	.....	82.2
Mayfield	.....	T.	22.0	26.0	10.0	27.0	12.0	8.5	.....	105.5
Orono	.....	T.	19.8	21.5	13.0	18.0	14.0	T.	.....	86.3
Portland	.....	T.	6.2	21.8	9.5	13.8	7.4	2.4	.....	61.1
Rumford Falls	.....	T.	9.0	20.5	10.0	14.0	14.0	1.0	.....	68.5
Winslow	.....	T.	8.5	19.5	9.0	14.0	9.0	.....	.....	60.0
Maryland.										
Baltimore	.....	.....	0.1	0.6	7.1	1.0	5.0	.....	.....	13.8
Cumberland	.....	.....	(*)	(*)	12.0	4.0	18.0	.....	.....	.....
Deerpark	.....	T.	31.0	5.0	33.9	29.0	30.0	46.0	.....	174.9

MONTHLY AND SEASONAL SNOWFALL 1901-1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Maryland—Continued.										
Easton	.....	.....	0.1	0.5	8.0	5.0	(*)	.....	.....	.....
Frederick	.....	.....	T.	2.2	10.4	2.2	10.0	.....	.....	24.8
Hancock	.....	.....	T.	2.2	12.2	5.5	18.0	.....	.....	37.9
Newmarket	.....	.....	T.	1.2	11.5	T.	9.5	T.	.....	22.2
Sunnyside	.....	T.	25.5	12.0	28.3	25.0	20.2	31.0	.....	142.0
Massachusetts.										
Amherst	.....	.....	T.	16.0	6.5	9.5	9.5	.....	.....	41.5
Bedford	.....	.....	1.0	13.5	13.0	25.0	10.0	T.	.....	62.5
Boston	.....	.....	1.2	12.6	11.0	13.0	7.5	1.8	.....	47.1
Concord	.....	.....	1.7	13.0	9.8	21.3	7.6	T.	.....	53.4
East Templeton	.....	T.	(*)	23.8	12.0	12.0	10.0	.....	.....	.....
Fitchburg	.....	T.	2.8	21.5	13.2	15.0	9.5	T.	.....	62.0
Groton	.....	.....	2.5	27.0	12.0	23.0	10.5	.....	.....	75.0
Hyannis	.....	.....	0.8	9.3	7.2	11.5	0.5	.....	.....	29.3
Jefferson	.....	T.	4.8	19.8	13.2	18.5	11.0	T.	.....	67.3
Nantucket	.....	.....	1.3	20.0	12.7	10.6	8.0	T.	.....	52.6
Pittsfield	.....	.....	17.5	27.0	(*)	(*)	(*)	(*)	.....	.....
Plymouth	.....	.....	2.0	(*)	9.0	15.2	5.0	T.	.....	.....
Weston	.....	.....	2.0	9.0	12.7	19.5	10.5	T.	.....	53.7
Worcester	.....	.....	2.0	12.0	8.0	17.3	10.5	T.	.....	49.8
Michigan.										
Adrian	.....	T.	0.5	2.0	6.6	3.8	0.5	T.	T.	13.4
Alma	.....	T.	T.	7.0	3.0	3.0	T.	T.	T.	13.0
Alpena	.....	T.	4.6	9.0	10.4	4.0	1.3	2.7	.....	32.0
Ann Arbor	.....	.....	1.0	10.2	6.0	11.5	T.	0.8	3.5	33.0
Arbela	.....	T.	0.5	3.0	1.0	5.0	1.0	T.	T.	10.5
Ball Mountain	.....	T.	0.5	8.0	3.5	5.1	1.5	1.0	T.	19.6
Battlecreek	.....	T.	0.3	5.3	2.7	3.6	1.0	0.2	0.2	13.3
Berrien Springs	.....	0.5	2.5	16.0	17.5	27.0	7.5	1.5	T.	72.5
Boon	.....	T.	4.4	9.0	11.5	8.3	17.7	0.5	T.	51.4
Calumet	.....	T.	15.0	31.0	43.0	24.0	12.0	7.5	T.	132.5
Charlevoix	.....	.....	0.4	20.8	11.8	13.5	1.8	4.0	.....	52.3
Cheboygan	.....	T.	3.5	6.0	7.0	1.0	3.5	2.0	.....	23.0
Detroit	.....	T.	T.	12.9	5.4	5.4	1.2	0.8	0.5	26.2
Eagle Harbor	.....	T.	1.0	17.0	18.7	(*)	1.0	3.0	.....	.....
Escanaba	.....	T.	2.5	5.7	6.2	0.6	0.3	0.7	T.	16.0
Eloise	.....	T.	T.	8.3	3.4	6.5	(*)	0.8	T.	.....
Gladwin	.....	.....	T.	3.5	3.0	(*)	(*)	(*)	(*)	.....
Grand Haven	.....	T.	3.6	20.6	6.7	9.9	3.8	0.5	4.0	49.1
Harrisville	.....	T.	2.0	5.3	15.7	7.2	3.3	1.6	T.	35.1
Hart	.....	.....	4.5	19.5	12.0	21.0	11.0	3.0	2.0	73.0
Ishpeming	.....	1.0	14.0	20.0	16.0	11.0	3.0	4.0	T.	69.0
Ivan	.....	1.5	10.5	12.5	15.3	14.0	5.0	1.0	T.	59.8
Lansing	.....	T.	1.0	6.8	4.4	3.3	4.3	1.8	4.0	25.6
Mancelona	.....	4.0	13.0	14.2	22.5	19.0	5.0	2.5	.....	80.2
Marquette	.....	1.4	29.8	24.9	22.7	8.0	2.5	1.0	T.	90.3
Olivet	.....	T.	3.6	7.1	5.1	2.8	4.4	0.2	3.2	26.4
Port Austin	.....	.....	T.	(*)	2.0	5.0	.....	.....	.....	.....
Port Huron	.....	T.	0.8	6.2	5.6	7.9	0.2	1.0	0.2	21.9
Sault Ste. Marie	.....	1.8	5.6	10.2	9.8	3.2	1.7	1.7	0.2	34.2
Thornville	.....	T.	4.5	15.5	8.5	10.0	2.5	2.0	5.0	48.0
Minnesota.										
Albert Lea	.....	.....	2.0	3.2	7.0	1.0	1.0	.....	.....	14.2
Alexandria	.....	.....	0.8	1.8	2.0	6.5	T.	(*)	1.0	.....
Beardsley	.....	.....	1.5	3.0	1.0	1.5	5.0	T.	.....	12.0
Bird Island	.....	.....	0.4	1.5	2.8	1.2	3.0	0.0	T.	8.9
Brainerd	.....	T.	(*)	5.7	6.9	3.6	1.0	.....	.....	.....
Caledonia	.....	T.	5.5	4.6	10.0	2.8	3.0	0.0	T.	25.9
Collegeville	.....	.....	2.3	6.4	2.3	1.9	1.8	0.1	3.0	17.8
Crookston	T.	0.0	T.	8.0	1.1	2.3	2.0	6.0	1.0	20.4
Duluth	.....	T.	2.8	7.1	8.5	3.8	4.4	0.7	5.5	32.8
Detroit City	T.	0.0	T.	9.0	3.5	3.0	2.0	T.	.....	17.5
Farmington	.....	.....	3.0	6.0	5.0	5.5	4.0	2.0	.....	25.5

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Minnesota—Continued.										
Fergus Falls	.....	.....	2.8	9.3	2.2	4.0	4.0	1.9	0.5	24.7
Grand Meadow	.....	T.	6.0	9.0	9.6	5.3	1.0	.....	.....	30.9
Hallock	.....	T.	0.5	4.8	0.5	4.5	18.3	T.	.....	33.6
Lake Winnibigoshish	.....	T.	1.3	7.5	3.4	2.8	2.0	0.8	1.8	19.6
Long Prairie	.....	.....	1.1	5.8	2.2	1.8	1.5	T.	.....	12.4
Luverne	.....	T.	1.5	3.0	6.8	2.5	1.5	.....	.....	15.3
Minneapolis	.....	.....	3.2	7.2	4.3	2.1	1.5	0.8	.....	19.1
Montevideo	.....	.....	2.0	5.5	3.4	5.5	6.5	(*)	.....	.....
Moorhead	.....	.....	T.	13.6	5.6	4.2	7.2	11.2	.....	41.8
Morris	.....	.....	4.0	4.5	2.0	2.0	1.0	1.0	.....	14.5
Mount Iron	T.	T.	4.5	5.8	2.2	2.0	2.5	1.5	.....	18.5
New Ulm	.....	.....	4.5	6.0	5.5	4.8	0.8	T.	.....	21.6
Park Rapids	.....	.....	4.8	7.7	4.8	4.8	3.3	2.7	4.8	32.9
Pokegama Falls	.....	.....	4.5	9.8	5.3	0.9	0.9	4.1	4.5	31.0
Reeds	.....	.....	1.0	10.0	15.0	1.9	1.5	.....	.....	29.4
St. Paul	.....	.....	2.3	4.9	5.3	5.3	2.1	0.4	.....	20.3
Sandy Lake Dam	.....	.....	6.5	5.8	5.9	2.3	3.0	0.1	2.5	26.1
Willmar	.....	.....	1.0	3.0	2.5	3.0	T.	T.	T.	9.5
Mississippi.										
Austin	.....	.....	.....	4.2	0.0	T.	.....	.....	.....	4.2
Canton	.....	.....	.....	0.2	1.2	T.	.....	.....	.....	1.4
Jackson	.....	.....	.....	T.	0.5	0.0	.....	.....	.....	0.5
Meridian	.....	.....	.....	T.	0.3	T.	.....	.....	.....	0.3
Vicksburg	.....	.....	.....	T.	0.2	5.9	.....	.....	.....	6.1
Missouri.										
Birchtree	.....	.....	.....	3.5	(*)	(*)	.....	.....	.....	.....
Brunswick	.....	.....	.....	6.5	13.0	2.5	1.0	.....	.....	23.0
Columbia	.....	.....	T.	9.1	9.9	4.3	2.2	.....	.....	25.5
Conception	.....	.....	0.5	7.0	13.0	1.5	1.0	T.	.....	23.0
Edgehill	.....	.....	.....	4.8	2.5	4.0	T.	.....	.....	11.3
Eldon	.....	.....	.....	15.0	12.0	10.0	1.0	.....	.....	38.0
Fayette	.....	.....	T.	8.5	10.4	5.0	2.5	.....	.....	26.4
Gallatin	.....	.....	1.2	10.0	14.0	(*)	T.	.....	.....	.....
Halfway	.....	.....	.....	8.3	2.5	10.5	T.	.....	.....	21.3
Hannibal	.....	.....	0.1	4.6	7.9	0.5	0.4	.....	.....	13.5
Harrisonville	.....	.....	.....	3.1	12.3	8.3	2.0	.....	.....	25.7
Houston	.....	.....	.....	3.7	1.0	11.0	T.	.....	.....	15.7
Ironton	.....	.....	T.	7.5	2.5	5.5	T.	.....	.....	15.5
Kansas City	.....	.....	0.1	4.3	8.3	6.6	4.8	.....	.....	24.1
Lamar	.....	.....	.....	(*)	2.2	13.0	0.6	.....	.....	.....
Lebanon	.....	.....	.....	11.0	8.0	9.5	0.2	.....	.....	28.7
McCune	.....	.....	1.0	12.3	10.8	1.8	(*)	.....	.....	.....
Marblehill	.....	.....	.....	9.5	2.8	5.6	.....	.....	.....	17.9
Mineralspring	.....	.....	.....	2.0	0.8	11.0	.....	.....	.....	13.8
Neosho	.....	.....	.....	6.0	3.0	11.0	T.	.....	.....	20.0
New Haven	.....	.....	.....	12.0	11.0	4.0	T.	.....	.....	27.0
Oakfield	.....	.....	.....	11.5	9.0	2.3	0.3	.....	.....	23.1
Princeton	.....	.....	5.0	11.1	9.6	3.0	.....	.....	.....	28.7
St. Louis	.....	.....	T.	6.9	6.6	1.7	T.	.....	.....	15.2
Springfield	.....	.....	.....	9.7	11.7	14.4	T.	.....	.....	35.8
Sublett	.....	.....	10.0	8.5	10.8	3.5	1.0	T.	.....	33.8
Montana.										
Adel	4.0	0.0	0.0	28.0	5.0	3.5	10.3	1.0	5.0	56.8
Bigtimber	.....	.....	(*)	(*)	0.5	7.5	(*)	(*)	.....	.....
Boulder	T.	T.	T.	9.5	1.2	5.3	4.0	4.5	.....	24.5
Butte	.....	.....	.....	17.0	T.	10.1	7.5	13.5	.....	48.1
Crow Agency	.....	.....	.....	3.5	1.5	5.0	9.0	8.0	.....	27.0
Dillon	.....	.....	2.1	15.8	8.5	3.4	8.5	12.0	T.	50.3
Fort Benton	T.	.....	11.5	(*)	4.0	6.0	T.	.....	.....	.....
Fort Logan	.....	.....	.....	14.0	0.0	0.5	28.0	.....	.....	42.5
Glendive	T.	T.	4.0	15.0	5.0	16.0	19.0	.....	.....	59.0
Greatfalls	4.8	0.1	0.1	4.4	1.6	9.8	1.6	T.	.....	22.4
Havre	2.4	0.0	5.4	3.9	2.5	2.4	0.9	T.	.....	17.5
Helena	.....	.....	T.	17.0	1.4	4.1	7.7	2.5	T.	32.7
Kalispell	.....	.....	1.8	5.5	6.6	12.1	3.1	T.	0.6	29.7

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Montana—Continued.										
Kipp	9.2	2.0	(*)	(*)	1.0	7.0	5.7	0.5	.....	.....
Manhattan	.....	.....	T.	11.2	0.5	4.0	5.5	.....	.....	21.2
Marysville	3.0	0.0	1.5	25.5	2.5	10.5	11.5	3.5	1.1	59.1
Miles City	.....	.....	1.0	3.5	0.5	1.6	6.8	0.1	.....	13.5
Ovando	T.	1.5	4.5	19.2	6.7	24.7	3.7	6.3	1.7	68.3
Parrot	.....	.....	1.5	6.0	0.4	0.8	0.9	0.6	.....	10.2
Poplar	.....	.....	10.0	6.0	T.	14.0	1.5	.....	.....	31.5
St. Pauls	2.0	0.5	4.6	10.2	5.2	5.3	0.5	0.3	1.0	29.6
Troy	.....	.....	T.	T.	2.5	1.5	5.0	3.0	.....	12.0
Utica	0.5	4.0	0.0	32.5	2.0	5.0	5.0	1.0	.....	50.0
Yale	.....	.....	.....	17.0	5.0	10.0	17.5	3.0	.....	52.5
Nebraska.										
Agee	.....	T.	0.8	9.1	7.5	4.8	4.3	.....	.....	26.5
Albion	.....	.....	T.	10.0	11.0	3.0	.....	.....	.....	24.0
Alliance	.....	T.	T.	9.0	6.0	5.0	6.2	13.0	.....	39.2
Ansley	.....	T.	T.	2.9	5.2	4.2	.....	.....	.....	12.3
Ashland	.....	.....	T.	2.0	14.0	0.5	1.0	.....	.....	17.5
Ashton	.....	.....	.....	2.0	2.0	4.0	0.5	.....	.....	8.5
Auburn	.....	.....	1.0	6.1	11.5	0.5	1.0	.....	.....	20.1
Beatrice	.....	.....	.....	3.2	9.0	0.5	T.	1.0	.....	13.7
Beaver	.....	.....	.....	1.0	6.0	3.5	T.	.....	.....	10.5
Callaway	.....	.....	.....	6.0	5.5	4.0	.....	.....	.....	15.5
Chester	.....	.....	.....	1.3	12.5	3.5	T.	T.	.....	17.3
Culbertson	.....	.....	.....	4.0	4.0	2.5	.....	.....	.....	8.5
Dawson	.....	.....	1.5	4.0	12.5	T.	T.	T.	.....	18.0
Ericson	.....	T.	T.	4.8	6.0	3.0	0.5	T.	.....	14.3
Fairmont	.....	.....	.....	2.0	6.5	4.5	T.	.....	.....	13.0
Fort Robinson	T.	T.	0.5	7.7	6.3	5.0	5.5	8.5	.....	33.5
Fremont	.....	.....	1.0	9.0	8.5	(*)	0.6	.....	.....	.....
Geneva	.....	.....	T.	2.1	6.5	4.0	0.6	T.	.....	13.2
Genoa	.....	.....	.....	7.5	6.0	2.0	T.	T.	.....	15.5
Hartington	.....	.....	0.5	15.0	16.0	4.0	5.0	.....	.....	40.5
Hay Springs	T.	T.	T.	6.8	2.0	19.7	7.5	9.5	.....	45.5
Kearney	.....	.....	.....	(*)	7.5	7.8	T.	.....	.....	.....
Kennedy	.....	.....	(*)	(*)	6.0	(*)	T.	3.0	.....	.....
Kimball	.....	T.	0.5	15.5	2.0	7.5	5.0	8.0	.....	38.5
Kirkwood	.....	T.	T.	10.2	6.0	2.2	1.1	T.	.....	19.5
Lincoln	.....	.....	T.	5.7	11.3	0.7	1.0	T.	.....	18.7
Lodgepole	.....	T.	T.	11.0	5.0	3.0	(*)	2.5	.....	.....
Madrid	.....	.....	.....	3.0	5.0	3.0	.....	.....	.....	11.0
Norfolk	.....	T.	0.2	8.3	12.2	3.5	3.5	T.	.....	20.7
North Loup	.....	.....	.....	3.6	8.0	5.7	0.5	T.	.....	17.8
North Platte	.....	.....	.....	3.0	5.5	4.5	T.	.....	.....	13.0
Omaha	.....	.....	1.4	7.2	8.0	1.3	0.6	T.	.....	18.5
St. Libory	.....	.....	.....	2.7	10.0	5.0	2.0	T.	.....	19.7
West Point	.....	.....	1.0	7.0	12.2	0.7	1.5	.....	.....	22.4
Nevada.										
Battle Mountain	.....	.....	.....	0.0	4.0	3.0	8.5	.....	.....	15.5
Candelaria	.....	T.	T.	T.	0.5	(*)	4.5	2.5	T.	.....
Carson City	T.	0.4	0.0	T.	4.2	10.6	26.0	T.	0.7	41.9
Elko (near)	.....	T.	0.0	5.0	8.0	23.5	35.5	3.0	.....	75.0
Ely	3.0	T.	2.0	6.5	8.0	6.5	22.5	2.5	.....	51.0
Fenelon	1.0	0.0	0.5	3.0	9.5	7.0	(*)	7.0	.....	.....
Golconda	.....	.....	.....	2.0	2.0	2.0	7.0	.....	.....	13.0
Halleck	.....	.....	T.	1.0	3.2	7.8	9.5	4.0	.....	25.5
Hot Springs	.....	.....	.....	T.	T.	(*)	(*)	.....	.....	.....
Humboldt	4.0	0.0	0.0	0.5	2.0	(*)	6.0	1.0	.....	.....
Lovelocks	.....	.....	.....	1.5	1.0	0.0	1.3	.....	.....	3.8
Martine	.....	.....	.....	(*)	3.5	0.0	9.5	.....	.....	.....
Mill City	.....	.....	.....	0.2	1.5	0.2	3.5	2.0	.....	7.4
Palisade	.....	.....	.....	8.0	5.7	13.0	18.5	6.0	.....	51.2
Palmetto	T.	4.0	0.0	T.	2.0	11.0	29.0	9.5	1.0	56.5
Potts	5.0	4.0	(*)	(*)	12.0	7.0	27.5	2.5	1.5	.....
Reno, State University	.....	T.	0.0	2.3	1.5	4.2	15.5	T.	.....	23.5
Sodaville	.....	.....	.....	1.0	T.	(*)	T.	.....	.....	.....
Tecoma	.....	.....	.....	.....	3.5	T.	6.0	T.	.....	9.5
Toano	.....	.....	T.	5.5	T.	4.5	11.5	T.	.....	21.5

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Nevada—Continued.										
Tybo	.....	6.0	T.	2.0	6.0	11.0	21.0	0.4	.....	46.4
Verdi	.....	.....	.....	1.0	10.0	(*)	.....	.....	.....	.....
Wadsworth	.....	.....	.....	0.0	5.5	(*)	7.0	.....	.....	.....
Winnemucca	.....	.....	.....	0.6	1.3	2.9	3.1	2.6	.....	10.5
New Hampshire.										
Berlin Mills	.....	1.0	15.0	29.0	13.0	21.0	10.0	3.0	T.	92.0
Bethlehem	.....	0.5	20.5	27.0	6.0	22.0	19.5	8.5	T.	104.0
Brookline	.....	T.	3.0	26.5	11.5	21.0	10.2	T.	.....	72.2
Grafton	.....	T.	10.5	28.0	12.0	10.0	10.0	1.0	.....	71.5
Littleton	.....	.....	15.6	27.0	4.1	28.0	14.0	3.0	T.	91.7
New Jersey.										
Asbury Park	.....	.....	T.	3.5	9.0	14.8	2.8	.....	.....	30.1
Atlantic City	.....	.....	0.5	5.2	10.3	18.0	0.2	.....	.....	34.2
Belvidere	.....	.....	2.5	2.0	8.2	19.5	10.5	.....	.....	42.7
Bridgeton	.....	.....	0.5	T.	6.0	12.5	T.	.....	.....	19.0
Cape May	.....	.....	0.1	0.5	8.0	9.5	T.	.....	.....	18.1
Chester	.....	.....	1.0	6.7	9.5	18.6	10.0	.....	.....	45.8
Dover	.....	.....	1.5	2.0	8.5	18.0	10.0	.....	.....	40.0
New Brunswick	.....	.....	0.5	1.0	10.7	15.5	6.7	.....	.....	34.4
Sussex	.....	.....	2.0	9.0	8.0	22.0	10.0	.....	.....	51.0
New Mexico.										
Albert	.....	.....	.....	1.0	0.5	0.0	1.0	.....	.....	2.5
Albuquerque	.....	.....	.....	T.	3.2	0.0	T.	.....	.....	3.2
Alma	.....	.....	.....	0.0	(*)	0.0	.....	.....	.....	.....
Arabella	.....	.....	.....	3.0	12.0	1.0	T.	.....	.....	16.0
Bluewater	.....	.....	.....	2.0	10.5	3.0	5.0	0.0	4.0	24.5
East Las Vegas	.....	.....	5.0	3.0	2.0	0.0	.....	.....	.....	10.0
Engle	.....	.....	.....	.....	.....	.....	0.3	.....	.....	0.3
Folsom	.....	.....	1.5	6.2	4.5	9.5	13.0	.....	.....	34.7
Fort Union	.....	.....	7.0	2.0	1.0	T.	6.0	.....	.....	16.0
Gallinas Springs	.....	.....	.....	4.0	1.5	0.0	.....	.....	.....	5.5
Las Vegas Hot Springs	.....	.....	1.8	1.7	T.	(*)	(*)	.....	.....	.....
Mesilla Park	.....	.....	.....	0.5	T.	T.	0.5	.....	.....	1.0
Olio	.....	.....	.....	(*)	(*)	0.0	T.	0.0	T.	.....
Raton	.....	.....	.....	5.5	2.5	8.0	10.0	.....	.....	26.0
Roswell	.....	.....	.....	3.0	5.5	0.0	T.	.....	.....	8.5
San Marcial	.....	.....	.....	T.	T.	0.0	.....	.....	.....	T.
Santa Fe	.....	.....	2.4	1.2	4.3	4.6	25.9	.....	.....	38.4
Socorro	.....	.....	.....	0.2	0.8	0.0	T.	.....	.....	1.0
New York.										
Adams	.....	T.	30.0	32.0	33.0	88.0	4.0	6.0	.....	193.0
Albany	.....	.....	6.0	21.6	2.1	16.8	9.1	T.	T.	55.6
Baldwinsville	.....	2.0	15.5	15.8	22.0	31.2	1.0	T.	.....	87.5
Bedford	.....	.....	1.0	0.7	6.8	23.5	3.0	T.	.....	35.0
Binghamton	.....	T.	5.6	18.8	7.1	15.3	14.2	T.	T.	61.0
Bolivar	.....	T.	8.0	12.8	25.3	14.3	3.5	2.9	.....	66.8
Bouckville	.....	7.5	29.0	13.5	17.5	44.0	13.0	2.0	T.	126.5
Buffalo	.....	.....	10.2	27.3	39.5	20.7	3.2	1.5	.....	102.4
Caldwell	.....	T.	3.0	21.5	16.0	16.0	21.0	T.	.....	77.5
Canton	.....	.....	9.5	8.5	12.0	22.0	1.0	.....	.....	53.0
Carmel	.....	.....	1.0	6.5	5.8	25.5	8.5	.....	.....	47.3
Cooperstown	.....	2.0	9.0	19.0	6.5	27.0	10.5	0.0	T.	74.0
Elmira	.....	.....	1.0	17.0	2.3	4.0	8.0	.....	.....	32.3
Franklinville	.....	T.	12.8	15.7	20.9	16.8	1.6	4.4	T.	72.2
Glens Falls	.....	.....	3.0	21.8	11.5	8.7	12.5	.....	.....	57.5
Gloversville	.....	T.	5.5	23.5	13.1	34.0	17.3	1.0	.....	94.4
Ithaca	.....	T.	9.2	20.7	8.9	6.4	9.7	4.5	T.	59.4
Jamestown	.....	T.	(*)	7.6	20.6	13.4	3.6	15.5	.....	.....
Littlefalls (C. R.)	.....	T.	15.5	13.5	10.0	20.5	5.0	T.	T.	64.5
Lowville	.....	.....	19.5	11.0	14.0	31.2	1.0	4.0	.....	80.7
Middletown	.....	T.	2.5	12.4	8.0	33.0	8.0	T.	.....	63.9
New Lisbon	.....	1.2	8.2	14.5	5.5	18.2	14.5	3.0	.....	65.1
New York	.....	.....	0.6	1.1	9.4	13.4	6.8	.....	.....	31.3
North Hammond	.....	1.0	11.5	8.4	23.8	19.5	1.0	26.0	.....	91.2

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New York—Continued.										
Oswego	.....	.....	17.0	30.1	16.0	14.0	2.7	0.9	.....	80.7
Oxford	.....	.....	8.4	15.6	11.8	34.5	12.0	T.	T.	82.3
Rochester	.....	0.1	14.1	14.5	23.8	23.0	1.2	2.3	T.	79.0
Saranac Lake	.....	0.3	17.3	10.6	18.4	34.7	9.0	4.8	.....	95.1
Saratoga Springs	.....	T.	2.2	15.5	4.5	10.0	14.0	.....	.....	46.2
Setauket	.....	.....	0.3	5.0	5.5	13.5	7.7	.....	.....	32.0
Westfield	.....	.....	2.7	9.2	16.0	5.0	1.0	2.0	.....	35.9
North Carolina.										
Abshers	.....	.....	T.	4.0	T.	4.0	T.	.....	.....	8.0
Asheville	.....	.....	T.	2.3	4.3	8.4	.....	.....	.....	15.0
Charlotte	.....	.....	.....	0.3	T.	19.4	.....	.....	.....	19.7
Edenton	.....	.....	.....	0.5	0.0	10.0	.....	.....	.....	10.5
Hatteras	.....	.....	.....	T.	0.0	T.	.....	.....	.....	T.
Henderson	.....	.....	.....	0.5	T.	14.0	2.0	.....	.....	16.5
Linville	.....	.....	.....	7.0	4.5	6.0	3.0	.....	.....	20.5
Littleton	.....	.....	.....	1.0	T.	12.0	3.0	.....	.....	16.0
Lumberton	.....	.....	.....	T.	0.0	2.0	T.	T.	.....	2.0
Monroe	.....	.....	.....	1.0	0.0	11.0	.....	.....	.....	12.0
Oakridge	.....	.....	T.	3.0	0.0	9.5	T.	T.	.....	12.5
Patterson	.....	.....	.....	7.1	1.5	8.4	T.	.....	.....	17.0
Raleigh	.....	.....	.....	0.6	0.0	17.9	.....	.....	.....	18.5
Rockingham	.....	.....	.....	T.	0.0	11.0	T.	.....	.....	11.0
Sloan	.....	.....	.....	T.	0.0	1.2	T.	.....	.....	1.2
Southern Pines	.....	.....	.....	T.	0.0	11.0	T.	.....	.....	11.0
Tarboro	.....	.....	.....	0.2	0.0	10.0	T.	.....	.....	10.2
Weldon	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Wilmington	.....	.....	.....	0.3	0.0	0.2	0.3	.....	.....	0.8
North Dakota.										
Ashley	.....	.....	.....	6.5	T.	5.0	5.0	4.0	.....	20.5
Berlin	T.	0.1	1.0	12.2	2.9	11.0	14.7	1.2	.....	43.1
Bismarck	.....	T.	3.0	9.6	0.5	1.7	15.4	T.	.....	30.2
Buxton	T.	0.0	0.0	5.1	0.5	1.1	21.4	.....	.....	28.1
Devils Lake	.....	.....	T.	2.0	T.	4.0	13.0	.....	.....	19.0
Dickinson	T.	T.	8.0	11.0	1.5	9.5	9.0	1.0	.....	40.0
Ellendale	.....	.....	2.0	10.0	2.0	0.2	14.0	8.0	.....	36.2
Fargo	.....	.....	.....	0.0	1.8	2.2	8.6	4.0	.....	16.6
Forman	.....	.....	3.7	12.0	3.0	T.	10.6	3.0	.....	32.3
Fort Yates	.....	0.5	3.2	6.6	1.8	6.1	19.7	2.6	.....	40.5
Fullerton	T.	0.0	2.1	8.1	2.4	5.7	12.7	16.3	.....	47.3
Gallatin	T.	0.0	0.1	4.8	0.9	2.6	6.9	5.5	.....	20.8
Hamilton	.....	.....	1.0	8.7	1.6	1.6	6.5	.....	.....	19.4
Hannaford	.....	.....	.....	5.0	0.6	3.3	2.5	1.5	.....	12.9
Larimore	.....	.....	.....	4.0	1.0	2.5	8.0	3.5	.....	19.0
McKinney	.....	.....	1.5	5.0	0.5	3.8	3.1	.....	.....	13.9
Mayville	.....	.....	.....	6.0	1.5	5.0	6.0	8.3	.....	26.8
Medora	.....	.....	3.0	14.2	1.0	7.0	10.0	.....	.....	35.2
Melville	T.	0.0	T.	4.0	T.	1.5	1.3	(*)	.....	.....
Milton	.....	.....	T.	2.3	0.1	9.8	7.9	1.4	.....	21.5
Napoleon	T.	0.0	3.0	9.0	1.0	4.0	14.0	8.0	.....	39.0
Oakdale	.....	0.5	6.0	12.5	4.0	13.0	40.3	T.	.....	76.3
University	.....	.....	.....	7.1	3.1	3.9	4.5	6.0	.....	24.6
Wahpeton	.....	.....	5.0	5.4	1.0	2.4	11.4	.....	.....	25.2
Williston	.....	.....	10.5	8.3	0.9	11.6	4.6	T.	.....	35.9
Woodbridge	T.	T.	1.0	(*)	1.0	29.7	21.4	0.5	.....	.....
Ohio.										
Akron	.....	T.	5.6	9.5	11.0	10.0	6.1	6.5	.....	48.7
Bement	.....	T.	4.0	5.8	3.5	6.0	2.5	T.	T.	21.8
Cedarville	.....	.....	0.5	2.5	5.8	4.6	1.5	.....	.....	14.9
Cincinnati	.....	.....	T.	6.7	6.3	1.6	3.1	T.	.....	17.7
Clarksville	.....	.....	T.	2.7	5.3	2.0	1.4	0.5	.....	11.9
Cleveland	.....	0.1	4.2	14.4	11.6	8.5	3.7	3.2	1.0	46.7
Coalton	.....	.....	1.3	0.5	10.0	2.3	12.7	T.	.....	26.8
Colebrook	.....	.....	.....	5.5	22.2	4.0	3.0	3.0	.....	37.7
Columbus	.....	.....	T.	3.5	8.6	4.0	3.4	0.2	.....	19.7
Dayton	.....	.....	0.1	1.0	6.6	3.6	0.7	.....	.....	12.0

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Ohio—Continued.										
Defiance	T.	.....	0.6	7.5	4.7	4.1	0.1	T.	.....	17.0
Garrettsville	.....	T.	9.6	8.6	16.7	8.7	3.4	9.9	.....	56.9
Gratiot	.....	.....	5.0	3.9	8.2	5.4	7.2	4.7	.....	34.4
Jacksonboro	.....	.....	.....	5.0	11.0	3.0	2.0	.....	.....	21.0
McConnellsville	.....	.....	1.2	2.0	7.8	4.8	10.5	3.0	.....	29.3
Marietta	.....	.....	T.	3.5	5.5	2.0	13.2	4.0	.....	28.2
Marion	.....	.....	T.	5.0	1.6	8.3	T.	T.	.....	14.9
Medina	.....	T.	8.0	12.0	22.0	12.0	3.0	3.0	T.	60.0
Millport	.....	T.	4.4	3.2	9.4	9.1	5.7	6.8	.....	38.6
Napoleon	.....	.....	T.	4.7	3.5	2.0	T.	T.	.....	10.2
New Waterford	.....	T.	10.2	10.0	22.0	12.0	6.5	12.0	.....	72.7
Oberlin	.....	.....	6.5	8.3	12.4	7.2	0.6	T.	.....	35.0
Pomeroy	.....	.....	0.5	3.7	7.0	T.	12.7	4.0	.....	27.9
Portsmouth	.....	.....	T.	1.0	7.5	1.2	14.0	T.	.....	23.7
Rockyridge	.....	T.	0.8	11.8	5.0	0.5	1.5	.....	.....	19.6
Sandusky	.....	T.	0.6	7.6	6.1	3.5	2.4	0.6	.....	20.8
Shenandoah	.....	.....	2.8	5.5	5.4	5.3	5.0	5.7	T.	29.7
Sidney	.....	.....	0.8	7.4	6.9	5.7	1.7	T.	.....	22.5
Toledo	.....	T.	T.	6.6	6.7	3.4	1.5	T.	.....	18.2
Wauseon	.....	T.	1.4	7.6	8.0	5.9	2.7	T.	.....	25.6
Oklahoma.										
Arapaho	.....	.....	.....	0.0	2.6	T.	.....	.....	.....	2.6
Beaver	.....	.....	.....	0.0	5.0	0.0	4.0	.....	.....	9.0
Burnett	.....	.....	.....	2.5	T.	2.0	.....	.....	.....	4.5
Fort Sill	.....	.....	.....	5.0	0.2	0.0	.....	.....	.....	5.2
Guthrie	.....	.....	.....	5.3	0.7	1.0	.....	.....	.....	7.0
Hennessey	.....	.....	.....	2.0	2.0	T.	T.	.....	.....	4.0
Kingfisher	.....	.....	.....	2.5	0.5	T.	T.	.....	.....	3.0
Mangum	.....	.....	.....	(*)	1.0	0.0	.....	.....	.....	.....
Newkirk	.....	.....	.....	T.	(*)	6.0	.....	.....	.....	.....
Oklahoma	.....	.....	.....	5.0	1.3	1.4	.....	.....	.....	7.7
Perry	.....	.....	.....	0.8	0.8	0.5	.....	.....	.....	2.1
Oregon.										
Albany	.....	.....	.....	T.	2.5	0.0	T.	.....	.....	2.5
Ashland	.....	.....	.....	0.0	1.0	3.0	7.3	.....	.....	11.3
Astoria	.....	.....	.....	0.0	0.7	0.0	T.	.....	.....	0.7
Aurora (near)	.....	.....	.....	0.1	5.0	0.4	T.	.....	.....	5.5
Baker City	.....	.....	.....	7.8	5.0	8.2	7.7	T.	.....	28.7
Bay City	.....	.....	.....	0.0	0.5	0.0	.....	.....	.....	0.5
Bend	.....	.....	.....	0.0	0.0	7.1	7.5	2.5	.....	17.1
Comstock	.....	.....	.....	0.0	1.0	0.0	0.8	.....	.....	1.8
Coquille	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Corvallis	.....	.....	T.	0.2	3.8	0.0	.....	.....	.....	4.0
Dayville	.....	.....	.....	T.	4.2	0.5	1.0	T.	.....	5.7
Eugene	.....	.....	.....	0.0	3.5	0.0	.....	.....	.....	3.5
Falls City	.....	.....	.....	0.0	1.7	0.0	2.3	.....	.....	3.0
Gardiner	.....	.....	.....	0.0	T.	0.0	.....	.....	.....	T.
Government Camp	.....	.....	19.0	42.0	28.0	31.0	74.0	32.0	33.0	259.0
Grants Pass	.....	.....	.....	0.0	1.3	0.0	.....	.....	.....	1.3
Hood River (near)	.....	.....	.....	T.	11.5	18.8	0.8	T.	.....	31.1
Joseph	.....	.....	4.0	9.0	14.5	9.8	18.8	8.7	1.0	65.8
Lagrande	.....	.....	.....	7.2	8.0	2.0	3.2	T.	.....	20.4
Lonerock	.....	.....	.....	5.5	7.0	T.	.....	.....	.....	12.5
Newport	.....	.....	.....	0.0	1.0	0.0	.....	.....	.....	1.0
Pendleton	.....	.....	.....	2.0	9.0	0.0	.....	.....	.....	11.0
Portland	.....	.....	.....	T.	6.8	0.4	T.	T.	.....	7.2
Riverside	.....	.....	.....	T.	6.0	T.	.....	.....	.....	6.0
Roseburg	.....	.....	.....	0.0	3.7	0.0	.....	.....	.....	3.7
Silver Lake	.....	.....	.....	(*)	2.4	4.4	2.5	6.0	0.5	.....
Siskiyou	.....	0.5	0.5	11.5	10.0	51.0	42.0	4.0	1.0	120.5
Sparta	.....	.....	T.	13.0	25.0	28.0	13.0	2.0	T.	81.0
The Dalles	.....	.....	.....	0.0	9.2	7.0	.....	.....	.....	16.2
Toledo	.....	.....	.....	0.0	1.7	0.0	.....	.....	.....	1.7
Vale	.....	.....	.....	0.0	4.5	3.5	.....	.....	.....	8.0
Weston	.....	.....	.....	7.0	18.5	3.0	0.8	1.5	.....	30.8

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Pennsylvania.										
Cassandra	.....	T.	15.0	13.0	28.0	40.0	25.5	14.0	T.	135.5
Confluence	.....	.....	5.6	1.0	13.6	14.6	14.3	17.0	.....	66.1
Dushore	.....	.....	1.7	13.7	8.0	24.6	21.2	2.0	.....	71.2
East Mauch Chunk	.....	.....	2.2	6.0	9.2	9.3	11.5	.....	.....	38.2
Emporium	.....	.....	3.7	11.1	16.6	12.9	3.2	T.	.....	47.5
Erie	.....	.....	4.7	10.6	12.9	3.0	1.8	3.5	.....	36.5
Franklin	.....	.....	4.5	4.0	21.4	8.0	1.0	4.0	.....	42.9
Grampian	.....	.....	(*)	(*)	25.0	11.0	15.0	4.0	.....	.....
Harrisburg	.....	T.	0.4	3.4	8.0	10.7	13.0	T.	.....	35.1
Huntingdon	.....	.....	0.7	5.5	10.5	8.5	19.5	(*)	.....	.....
Irwin	.....	.....	1.0	(*)	(*)	(*)	14.0	(*)	.....	.....
Johnstown	.....	.....	6.0	0.5	16.0	9.8	16.5	4.0	.....	52.8
Lawrenceville	.....	.....	0.8	(*)	(*)	4.0	6.0	.....	.....	.....
Leroy	.....	0.2	3.0	22.8	6.6	14.7	15.2	2.0	.....	64.3
Lewisburg	.....	.....	0.3	9.5	11.0	22.5	18.0	.....	.....	61.3
Lockhaven	.....	.....	1.0	13.0	13.0	21.8	19.0	T.	.....	67.8
Parker	.....	.....	6.4	3.0	11.2	11.1	3.5	0.8	.....	36.0
Philadelphia	.....	T.	1.2	1.4	7.7	14.3	4.2	.....	.....	28.8
Pittsburg	.....	.....	0.7	10.2	10.7	3.5	16.7	12.1	.....	53.9
Renovo	.....	.....	2.2	11.4	(*)	0.9	(*)	(*)	.....	.....
Saegerstown	.....	T.	6.0	7.0	22.2	8.7	T.	7.0	.....	70.9
South Eaton	.....	.....	1.0	14.0	5.0	29.0	13.0	.....	.....	62.0
Warren	.....	.....	16.0	6.0	12.2	9.5	0.5	4.4	.....	48.6
Wellsboro	.....	1.0	T.	17.0	7.5	7.5	12.0	T.	T.	44.0
Wilkesbarre	.....	T.	2.0	12.0	6.0	15.0	18.0	T.	T.	53.0
Rhode Island.										
Block Island	.....	.....	0.3	4.5	3.1	16.2	4.4	.....	.....	28.5
Bristol	.....	.....	0.5	5.0	4.0	22.0	7.5	T.	.....	39.0
Kingston	.....	.....	2.5	6.5	5.5	31.5	7.5	T.	.....	53.5
Narragansett	.....	.....	2.0	6.0	5.3	16.0	5.5	T.	.....	34.8
Pawtucket	.....	.....	T.	3.0	5.0	24.0	7.5	.....	.....	39.5
Providence	.....	.....	T.	5.5	5.5	28.5	8.0	T.	.....	47.5
South Carolina.										
Blackville	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Charleston	.....	.....	.....	0.1	0.0	T.	.....	.....	.....	0.1
Cheraw	.....	.....	.....	0.0	0.0	7.0	.....	.....	.....	7.0
Clemson College	.....	.....	.....	0.4	0.0	12.0	.....	.....	.....	12.4
Columbia	.....	.....	3.3	1.1	0.0	0.2	.....	.....	.....	4.6
Florence	.....	.....	T.	0.0	0.0	0.0	.....	.....	.....	T.
Gaffney	.....	.....	.....	1.7	0.0	17.0	.....	.....	.....	18.7
Georgetown	.....	.....	T.	T.	0.0	0.0	.....	.....	.....	T.
Greenville	.....	.....	T.	3.5	T.	15.2	.....	.....	.....	18.7
Smiths Mills	.....	.....	T.	T.	0.0	T.	.....	.....	.....	T.
Statesburg	.....	.....	0.5	2.0	0.0	0.2	.....	.....	.....	2.7
Trenton	.....	.....	T.	2.3	0.0	T.	.....	.....	.....	2.3
Walhalla	.....	.....	T.	1.6	0.0	12.1	T.	.....	.....	13.7
South Dakota.										
Aberdeen	.....	.....	(*)	2.0	(*)	0.5	12.0	.....	.....	.....
Alexandria	.....	.....	T.	12.5	3.0	11.0	4.5	T.	.....	31.0
Armour	.....	.....	0.5	13.5	6.0	8.0	2.0	1.5	.....	31.5
Ashcroft	.....	.....	2.0	6.0	3.5	4.0	17.5	2.0	.....	35.0
Brookings	.....	0.6	3.0	1.9	5.0	2.3	3.4	T.	.....	16.2
Canton	.....	.....	T.	6.0	6.0	2.7	2.0	T.	.....	16.7
Chamberlain	.....	T.	0.7	4.5	2.5	3.3	2.8	2.0	.....	15.8
Clark	.....	T.	2.0	6.4	4.3	2.0	6.6	T.	.....	21.3
Desmet	.....	.....	10.0	11.0	8.0	1.0	16.0	.....	.....	46.0
Doland	.....	.....	3.0	3.8	2.8	0.4	7.9	1.1	.....	19.0
Elkpoint	.....	T.	T.	12.8	11.0	6.0	3.0	.....	.....	32.8
Forestburg	.....	.....	0.3	5.0	4.5	4.1	9.0	T.	.....	22.9
Fort Meade	.....	T.	T.	6.3	15.3	18.0	34.3	29.5	.....	103.4
Gann Valley	.....	.....	0.7	6.5	4.0	8.0	4.0	.....	.....	23.2
Gary	.....	.....	3.0	3.0	2.5	9.0	(*)	(*)	.....	.....
Howard	.....	.....	(*)	6.1	3.0	2.0	6.1	.....	.....	.....
Huron	.....	.....	0.7	4.6	3.1	2.7	5.4	.....	.....	16.5
Interior	.....	.....	0.9	4.6	4.1	2.1	9.7	.....	.....	21.4
Marion	.....	T.	T.	5.0	7.0	2.7	(*)	.....	.....	.....

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
South Dakota—Continued.										
Menno	.....	.....	0.5	7.9	5.1	3.2	3.8	T.	.....	20.5
Millbank	.....	.....	3.5	5.5	3.0	3.0	(*)	.....	.....	.....
Mitchell	.....	.....	T.	3.0	0.5	T.	2.5	T.	.....	6.0
Oelrichs	.....	.....	0.5	7.0	6.0	5.0	5.0	7.0	.....	30.5
Pierre	.....	.....	1.8	6.5	3.7	8.7	10.0	.....	.....	30.7
Plankinton	.....	T.	1.0	5.0	4.5	6.0	2.5	.....	.....	19.0
Rapid City	.....	T.	1.4	3.7	1.8	1.4	1.8	10.9	.....	21.0
Silver City	.....	T.	3.0	6.0	2.8	T.	18.0	21.5	.....	51.3
Sioux Falls	.....	.....	T.	6.5	4.8	3.5	5.5	.....	.....	20.3
Spearfish	.....	.....	(*)	6.5	11.5	14.5	15.0	16.0	.....	.....
Waubay	.....	.....	0.2	4.0	2.5	0.2	4.5	.....	.....	11.4
Yankton	.....	.....	(*)	4.6	3.1	3.1	4.8	.....	.....	.....
Tennessee.										
Andersonville	.....	.....	.....	4.0	(*)	6.0	2.0	T.	.....	.....
Ashwood	.....	.....	.....	1.5	(*)	8.0	.....	.....	.....	.....
Bristol	.....	.....	T.	T.	1.0	4.0	2.0	.....	.....	7.0
Carthage	.....	.....	.....	6.7	0.5	9.6	1.5	.....	.....	18.3
Chattanooga	.....	.....	T.	3.7	T.	8.7	0.5	.....	.....	12.9
Decatur	.....	.....	.....	10.8	T.	18.5	1.7	.....	.....	31.0
Florence	.....	.....	.....	4.0	1.0	10.5	3.0	.....	.....	18.5
Greeneville	.....	.....	T.	5.0	3.6	7.0	1.2	0.3	.....	17.1
Jonesboro	.....	.....	T.	5.8	(*)	4.6	3.0	.....	.....	.....
Knoxville	.....	.....	.....	5.7	0.5	8.2	2.1	T.	.....	16.5
Memphis	.....	.....	.....	5.4	1.0	0.1	0.5	.....	.....	7.0
Nashville	.....	.....	.....	4.6	1.4	9.8	2.4	.....	.....	18.2
Nunnelly	.....	.....	.....	1.0	(*)	5.5	.....	.....	.....	.....
Oakhill	.....	.....	.....	(*)	1.0	(*)	.....	.....	.....	.....
Palmetto	.....	.....	.....	3.5	T.	9.0	2.0	.....	.....	14.5
Pope	.....	.....	.....	4.5	1.0	5.5	.....	.....	.....	11.0
Rugby	.....	.....	.....	12.0	2.5	17.0	6.5	T.	.....	38.0
Savannah	.....	.....	.....	(*)	3.0	T.	T.	.....	.....	.....
Tellico Plains	.....	.....	T.	9.5	0.5	14.5	1.8	T.	.....	26.3
Union City	.....	.....	.....	13.0	2.0	10.0	1.0	.....	.....	26.0
Texas.										
Abilene	.....	.....	.....	1.0	0.0	0.0	.....	.....	.....	1.0
Amarillo	.....	.....	.....	0.2	0.0	0.0	.....	.....	.....	0.2
Ballinger	.....	.....	.....	0.0	T.	4.0	.....	.....	.....	4.0
Big Spring	.....	.....	.....	T.	0.0	T.	.....	.....	.....	T.
Burnet	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Dallas	.....	.....	.....	T.	T.	1.4	.....	.....	.....	1.4
Dublin	.....	.....	.....	0.0	1.0	2.8	.....	.....	.....	3.8
El Paso	.....	.....	.....	T.	0.0	0.0	.....	.....	.....	T.
Estelle	.....	.....	.....	T.	6.8	1.2	.....	.....	.....	8.0
Fort Worth	.....	.....	.....	0.3	3.8	2.0	.....	.....	.....	6.1
Galveston	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Hale Center	.....	.....	.....	3.5	1.0	T.	.....	.....	.....	4.5
Haskell	.....	.....	.....	2.2	0.0	0.0	.....	.....	.....	2.2
Kent	.....	.....	.....	1.5	0.0	0.0	.....	.....	.....	1.5
Mount Blanco	.....	.....	.....	6.0	T.	0.0	.....	.....	.....	6.0
Palestine	.....	.....	.....	0.2	T.	2.7	.....	.....	.....	2.9
Rhineland	.....	.....	.....	5.0	T.	T.	.....	.....	.....	5.0
Utah.										
Blue Creek	.....	.....	.....	4.0	4.0	0.0	1.0	.....	.....	9.0
Corinne	.....	.....	.....	0.5	6.0	6.0	T.	.....	.....	12.5
Deseret	.....	.....	.....	7.0	3.8	0.0	13.0	.....	.....	23.8
Fort Duchesne	.....	.....	.....	4.0	1.7	T.	1.4	0.0	T.	7.1
Frisco	.....	.....	.....	7.5	9.5	0.2	(*)	0.0	T.	.....
Giles	.....	.....	.....	0.0	T.	0.0	3.0	0.3	.....	3.3
Grover	.....	.....	T.	2.5	8.0	10.0	15.5	T.	1.0	37.0
Heber	.....	.....	2.0	5.0	6.0	2.5	6.0	T.	T.	21.5
Huntsville	.....	.....	.....	10.0	12.5	8.5	12.0	0.5	0.5	44.0
Levan	.....	.....	T.	13.5	6.2	6.3	21.9	T.	T.	47.9
Loa	.....	.....	.....	4.0	8.0	4.0	15.0	.....	.....	31.0
Marysvale	.....	.....	.....	2.4	5.0	6.2	10.2	5.2	1.5	30.5
Moab	.....	.....	.....	2.3	3.5	T.	1.0	.....	.....	6.8
Modena	.....	.....	.....	2.1	3.4	2.9	10.3	0.0	0.1	18.8

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Utah—Continued.										
Mount Pleasant	.....	.....	.....	9.0	13.0	(*)	10.0	.....	.....	.....
Ogden	T.	0.0	0.0	1.5	(*)	4.5	4.5	1.5	.....	.....
Parowan	.....	.....	.....	10.8	13.3	3.0	20.3	0.0	1.0	48.4
Pinto	.....	.....	.....	6.5	11.8	0.2	25.0	0.0	T.	43.5
Promontory	.....	.....	.....	3.5	2.5	T.	5.0	.....	.....	11.0
Richfield	.....	.....	.....	7.2	3.5	6.5	6.5	.....	.....	23.7
St. George	.....	.....	.....	0.0	11.0	0.0	T.	.....	.....	11.0
Salt Lake City	.....	.....	.....	6.9	6.4	3.8	8.9	2.0	0.1	28.1
Soldier Summit	4.0	T.	0.0	9.0	5.5	7.0	8.0	0.4	0.2	34.1
Vermont.										
Burlington	.....	.....	7.5	15.0	5.5	17.5	5.5	.....	T.	51.0
Chelsea	.....	.....	9.0	29.0	11.0	24.0	20.0	4.0	.....	97.0
Enosburg Falls	.....	.....	51.0	29.5	26.0	48.5	9.0	3.0	1.5	168.5
Hartland	.....	T.	3.1	31.0	16.0	10.5	(*)	.....	.....	.....
Northfield	.....	0.3	8.3	21.5	13.0	27.7	14.2	1.8	T.	86.8
Virginia.										
Bigstone Gap	.....	.....	T.	12.5	5.3	4.0	6.0	1.0	.....	28.8
Birdsnest	.....	.....	T.	1.5	2.0	1.0	.....	.....	.....	4.5
Blacksburg	.....	.....	0.6	6.0	5.5	6.2	2.0	T.	.....	20.3
Bonair	.....	.....	.....	2.0	4.0	6.5	0.0	T.	.....	12.5
Burkes Garden	.....	.....	1.0	7.0	6.0	4.0	6.0	1.0	.....	25.0
Callaville	.....	.....	.....	0.0	5.0	(*)	.....	.....	.....	.....
Cape Henry	.....	.....	.....	0.3	1.5	4.1	0.1	.....	.....	6.0
Charlottesville	.....	.....	T.	4.2	3.5	3.8	4.0	T.	.....	15.5
Cliftonforge	.....	.....	0.2	3.0	5.0	2.0	5.0	1.0	.....	16.2
Dale Enterprise	.....	.....	0.2	4.0	10.0	14.0	18.0	9.0	.....	55.2
Farmville	.....	.....	.....	0.0	1.0	10.0	.....	.....	.....	11.0
Fredericksburg	.....	.....	T.	1.0	3.0	4.0	1.0	T.	.....	9.0
Hampton	.....	.....	.....	T.	0.7	7.0	.....	.....	.....	7.7
Hot Springs	.....	.....	T.	0.2	5.5	1.0	10.0	10.0	.....	26.7
Lynchburg	.....	.....	T.	3.7	4.5	2.0	0.1	T.	.....	10.3
Norfolk	.....	.....	.....	1.6	1.1	8.8	T.	.....	.....	11.5
Richmond	.....	.....	.....	1.0	5.0	9.8	0.0	T.	.....	15.8
Stephens City	.....	.....	0.2	1.0	11.0	4.0	18.0	.....	.....	34.2
Washington.										
Aberdeen	.....	.....	.....	0.0	2.1	0.0	0.5	T.	.....	2.6
Brinnon	.....	.....	.....	0.0	3.0	0.0	0.1	0.3	.....	3.4
Cedonia	.....	.....	4.0	2.0	7.3	16.4	3.0	T.	.....	32.7
Clearwater	.....	.....	.....	0.0	2.8	0.2	1.5	.....	.....	4.5
Cle Elum	.....	.....	.....	5.5	12.5	20.0	3.5	T.	.....	41.5
Ellensburg (near)	.....	.....	.....	1.5	6.2	15.5	0.5	.....	.....	23.7
Lacenter	.....	.....	.....	0.0	15.0	0.0	0.8	0.1	.....	15.9
Lakeside	.....	.....	.....	1.5	2.0	19.0	.....	.....	.....	22.5
Lind	.....	.....	0.5	1.0	14.0	5.5	1.0	.....	.....	22.0
Moxeevalley	.....	.....	.....	T.	2.6	5.5	T.	.....	.....	8.1
Neahbay	.....	.....	.....	0.0	5.6	T.	T.	T.	.....	5.6
Olga	.....	.....	5.0	0.0	7.5	0.0	0.5	.....	.....	13.0
Olympia	.....	.....	.....	0.0	8.5	0.0	T.	.....	.....	8.5
Pinehill	.....	.....	.....	T.	14.7	0.0	0.3	T.	.....	15.0
Pullman	.....	.....	.....	0.0	10.0	T.	4.4	T.	.....	14.4
Rosalia	.....	.....	3.5	2.0	5.3	5.6	1.6	0.2	.....	18.2
Seattle	.....	.....	.....	0.0	13.8	0.5	0.2	0.5	.....	15.0
Silvana	.....	.....	.....	0.0	18.0	0.0	.....	.....	.....	18.0
Spokane	.....	.....	T.	T.	6.1	8.0	0.4	T.	.....	14.5
Tacoma	.....	.....	.....	T.	13.8	0.2	1.5	T.	.....	15.5
Union	.....	.....	.....	0.0	5.6	T.	T.	T.	.....	5.6
Walla Walla	.....	.....	.....	3.5	8.4	0.6	T.	.....	.....	12.5
Waterville	.....	.....	.....	2.5	6.2	31.0	0.0	0.1	.....	39.8
Wenatchee (near)	.....	.....	4.0	0.8	9.0	35.8	8.5	.....	.....	58.1
Whatcom	.....	.....	.....	0.0	8.5	0.0	0.8	0.5	.....	9.8
West Virginia.										
Beverly	.....	.....	14.0	6.0	19.0	23.0	24.0	39.0	.....	125.0
Bluefield	.....	.....	4.5	8.5	10.0	12.0	16.0	2.5	.....	53.5
Charleston	.....	.....	0.6	2.4	(*)	3.3	19.3	0.5	.....	.....

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
West Virginia—Continued.										
Dayton	.....	.....	5.2	3.0	10.8	3.2	12.2	10.0	.....	44.4
Elkins	.....	.....	11.7	5.5	14.8	11.0	12.0	22.6	T.	77.6
Fairmont	.....	.....	2.5	2.5	10.5	7.8	16.5	15.0	.....	54.8
Glenville	.....	.....	2.9	5.0	13.0	7.3	13.7	6.0	.....	47.9
Grafton	.....	.....	5.0	5.5	14.2	9.5	19.8	22.0	.....	76.0
Huntington	.....	.....	T.	3.0	5.5	(*)	14.5	.....	.....	.....
Lewisburg	.....	.....	0.2	2.2	8.2	3.2	7.2	5.0	.....	26.0
Martinsburg	.....	.....	0.2	T.	10.0	4.0	20.0	.....	.....	34.2
Parkersburg	.....	.....	0.7	2.7	10.0	2.1	12.1	6.0	.....	33.6
Point Pleasant	.....	.....	T.	4.0	4.0	1.0	12.0	T.	.....	21.0
Wisconsin.										
Amherst	.....	.....	4.0	5.3	5.5	(*)	(*)	0.0	4.0	.....
Antigo	.....	T.	3.0	2.5	6.0	2.0	T.	0.0	T.	13.5
Brodhead	.....	.....	2.5	T.	6.0	4.5	T.	T.	.....	13.0
Butternut	.....	.....	7.5	11.0	9.5	2.0	9.0	7.0	3.0	49.0
Eau Claire	.....	.....	2.5	5.5	8.0	1.2	3.7	.....	.....	20.9
Florence	.....	.....	7.5	10.0	7.5	(*)	1.0	5.0	T.	.....
Grantsburg	.....	.....	1.5	10.2	8.5	0.5	4.5	T.	1.0	26.2
Greenbay	.....	T.	2.8	8.2	7.5	0.8	4.7	T.	1.5	25.5
Harvey	.....	.....	2.8	3.8	2.0	1.1	0.8	T.	T.	10.5
Koepenick	.....	1.0	9.0	8.0	10.0	7.0	4.0	10.0	.....	49.0
La Crosse	.....	.....	5.8	4.8	11.8	2.6	1.0	T.	0.3	26.3
Madison	.....	.....	0.1	(*)	1.7	0.5	T.	.....	.....	.....
Medford	.....	.....	2.0	5.0	10.0	(*)	2.0	2.0	1.0	.....
Milwaukee	.....	.....	0.5	7.4	5.5	1.6	6.9	0.7	2.0	24.6
Neillsville	.....	.....	(*)	4.0	8.0	T.	2.0	0.0	3.0	.....
Osceola	.....	T.	2.0	7.3	8.5	10.1	2.0	1.0	T.	30.9
Pepin	.....	.....	3.0	9.0	10.0	4.0	1.0	T.	.....	27.0
Pine River	.....	T.	3.3	3.4	5.5	0.8	2.8	T.	4.0	19.8
Portage	.....	.....	4.0	3.0	5.0	1.0	2.0	T.	4.0	19.0
Port Washington	.....	.....	2.0	1.5	0.8	2.5	2.0	.....	.....	8.8
Prairie du Chien	.....	.....	4.2	0.8	7.5	1.8	T.	.....	.....	14.3
Sheboygan	.....	.....	T.	5.8	4.5	2.5	1.5	T.	4.0	18.3
Valley Junction	.....	.....	3.0	(*)	4.5	(*)	0.5	0.0	1.0	.....
Viroqua	.....	T.	5.0	3.2	9.2	2.7	1.5	T.	1.0	22.6
Watertown	.....	.....	1.7	6.0	3.5	2.8	3.0	.....	.....	17.0
Waupaca	.....	.....	4.2	3.5	6.8	0.5	T.	0.0	4.0	19.0
Westfield	.....	.....	1.0	4.0	5.5	3.0	1.0	0.0	3.0	17.5
Wyoming.										
Alcova	.....	6.0	4.0	18.0	4.0	T.	6.0	T.	T.	38.0
Basin	.....	T.	0.0	8.5	1.6	1.4	0.3	0.2	.....	12.0
Bedford	1.5	0.0	2.5	12.0	4.0	14.8	22.3	3.3	.....	60.4
Centennial	.....	.....	T.	13.0	T.	(*)	(*)	(*)	.....	.....
Cheyenne	.....	0.3	T.	15.7	2.1	5.5	14.3	8.5	.....	36.4
Evanston	.....	T.	1.0	12.5	4.0	7.0	12.0	6.8	2.8	46.1
Fort Laramie	.....	.....	0.5	9.0	5.0	4.5	(*)	T.	.....	.....
Fort Washakie	.....	.....	2.0	12.4	2.5	1.5	10.3	14.0	.....	42.7
Fort Yellowstone	6.0	1.0	8.0	24.0	9.6	6.1	24.6	14.4	2.4	96.1
Fourbear	T.	T.	7.5	5.4	1.5	4.8	10.4	15.0	4.0	48.6
Lander	.....	T.	2.0	16.5	1.8	2.0	7.7	8.0	.....	38.0
Laramie	.....	T.	T.	(*)	T.	3.0	5.5	10.5	1.5	.....
Rawlins	.....	.....	.....	18.6	6.7	4.9	11.9	0.7	.....	42.8
Sheridan	.....	.....	5.5	11.0	1.5	(*)	(*)	(*)	.....	.....
Thayne	T.	.....	2.1	8.1	3.7	12.0	16.7	3.6	1.5	47.7
Canadian Stations.										
St. Johns	.....	.....	1.1	9.0	3.0	2.7	2.7	T.	0.4	18.9
Sydney	.....	.....	0.5	36.5	8.0	22.5	6.5	3.0	.....	77.0
Halifax	.....	0.2	T.	30.9	12.3	14.4	T.	5.8	.....	63.6
Grand Manan	.....	.....	2.6	19.8	6.3	35.8	18.7	5.0	.....	88.2
Yarmouth	.....	0.3	7.6	13.9	13.7	11.3	1.3	2.0	.....	50.1
Charlottetown	.....	T.	9.1	19.1	12.1	10.6	11.0	0.3	T.	62.2
Chatham	.....	.....	15.1	24.1	15.0	21.8	19.8	7.8	T.	103.6
Father Point	.....	4.8	13.8	43.1	19.3	19.3	10.9	10.0	7.1	128.3
Quebec	.....	6.7	18.2	23.9	22.6	22.2	7.6	3.1	.....	104.3
Montreal	.....	1.0	29.2	15.1	26.6	34.5	9.4	3.4	.....	119.2

MONTHLY AND SEASONAL SNOWFALL 1901–1902—Continued.

States and stations.	1901.				1902.					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Canadian Stations—Continued.										
Bissett	.....	.....	15.6	[20.0]	9.6	4.9	2.2	0.1	.....	52.4
Ottawa	.....	.....	18.5	21.9	30.9	20.3	3.3	.....	.....	94.9
Kingston	.....	T.	7.4	8.4	11.6	8.7	1.2	0.1	.....	37.4
Toronto	.....	.....	3.2	13.6	25.3	5.9	3.4	0.2	.....	51.6
White River	2.0	9.0	24.4	17.8	24.2	13.4	4.8	7.9	0.4	112.9
Port Stanley	.....	0.2	10.4	24.0	30.4	13.6	1.6	5.2	.....	85.4
Saugeen	.....	.....	4.7	25.1	16.4	19.5	5.0	7.6	.....	78.3
Parry Sound	.....	.....	19.4	37.0	20.5	18.9	6.6	0.7	.....	103.1
Port Arthur	.....	.....	3.3	3.5	5.0	2.4	0.4	T.	.....	14.6
Winnipeg	T.	0.0	0.6	4.3	1.1	5.4	12.0	7.7	.....	31.1
Minnedosa	1.5	0.0	5.1	4.8	0.6	11.6	8.7	7.1	1.2	40.6
Qu'Appelle	8.5	1.0	1.6	15.1	2.6	28.5	30.1	10.4	3.0	100.8
Medicine Hat	4.0	0.0	3.0	2.0	9.8	6.5	1.5	T.	.....	26.8
Swift Current	5.0	0.0	2.0	4.7	1.7	8.4	13.8	0.0	T.	35.6
Calgary	2.7	0.0	4.0	18.5	1.0	6.0	6.2	6.0	27.8	52.0
Banff	0.8	2.2	13.0	9.2	17.5	5.4	13.7	3.5	27.0	92.3
Edmonton	10.8	0.0	11.0	9.8	4.2	8.0	2.2	0.7	4.0	50.7
Prince Albert	6.0	0.0	7.8	3.4	2.6	9.7	5.5	6.0	T.	41.0
Battleford	8.2	T.	2.3	5.7	1.0	6.6	4.8	2.3	T.	30.9
Kamloops	.....	.....	T.	T.	7.2	6.0	.....	.....	.....	13.2
Victoria	.....	.....	.....	0.0	9.0	0.1	1.9	.....	.....	11.0
Barkerville	6.0	2.0	0.0	42.0	18.0	14.0	19.0	11.0	2.0	114.0

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PART VI.

MISCELLANEOUS METEOROLOGICAL TABLES AND REPORTS.

Sunshine, 1901. Details of excessive precipitation, 1901. Highest and lowest temperatures recorded at Weather Bureau stations from the beginning of observations to the end of 1901. Mean maximum and mean minimum temperatures. Normal daily temperature for a number of selected stations in the United States. Mean monthly and annual relative humidity. Meteorological observations at stations of the Weather Bureau in the West Indies during 1901.

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SUNSHINE, 1901.

The following tables give for 82 stations the percentages of hourly sunshine as derived from the automatic records made by two essentially different types of instruments, designated the thermometric recorder and the photographic recorder, respectively. The kind of instrument in use at each station is indicated by the letter T. (thermometric) or P. (photographic) at the right of the name of the station.

Both instruments have been described and illustrated in the preceding volumes of this series.

Neither of these instruments will record satisfactorily the duration of sunshine for about one hour after sunrise and about one hour before sunset, and on this account it has been considered necessary to apply to the record for these hours what has been designated a "twilight correction." The amount of this correction is found by noting the comparative clearness of the sky during the time that elapses between the hour of sunrise and the moment the instrument begins to record and between the time the instrument ceases to act and the hour of sunset.

The average cloudiness of the whole sky is determined by numerous personal observations at all stations during the daytime, and is given in the column "cloudiness" in the tables of Part III.

SUNSHINE, 1901.

ALBANY, N. Y. (T.).

[N. lat. 42° 39'.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	7	17	41	65	77	71	64	61	44	22	22	.....	.....	144.0	49
February	.....	.....	35	32	58	74	92	96	94	89	90	80	50	21	.....	.....	214.7	73
March	.....	36	18	33	43	55	69	65	68	58	58	48	24	15	17	.....	172.0	46
April	100	26	21	30	37	50	52	54	56	59	53	35	30	25	27	.....	161.7	40
May	13	20	35	40	52	65	65	66	61	64	59	56	39	36	27	11	215.4	47
June	10	18	64	74	81	81	87	88	90	84	81	79	66	61	21	7	295.9	64
July	3	5	32	56	65	72	82	86	85	89	82	71	65	61	28	16	276.2	59
August	11	4	14	34	53	64	66	71	80	71	64	63	56	34	11	9	212.2	49
September	.....	24	30	36	59	70	69	69	74	69	63	63	56	38	29	.....	212.4	57
October	.....	.....	29	39	60	69	79	80	79	82	74	55	32	23	.....	.....	208.9	61
November	.....	.....	14	12	30	40	53	57	55	56	50	38	30	.....	.....	.....	123.1	42
December	.....	.....	.....	7	15	40	51	46	53	56	40	26	21	.....	.....	.....	105.9	38
Sums	137	133	292	400	570	721	830	865	866	840	775	658	491	336	160	43	2,342.4	625
Percentage of possible	.....	.....	.....	33	48	60	69	71	72	70	65	55	41	.....	.....	.....	195.2	52

ATLANTA, GA. (T.).

[N. lat. 33° 45'.]

January	.....	.....	9	27	50	54	64	71	77	73	69	59	49	48	.....	.....	186.6	59
February	.....	.....	35	40	57	72	81	85	88	88	82	70	50	48	.....	.....	211.8	69
March	.....	30	34	45	55	64	75	80	82	75	74	72	70	52	28	.....	240.4	65
April	.....	48	42	51	58	55	60	66	60	60	57	53	50	29	25	.....	202.6	52
May	23	39	46	68	75	84	86	86	90	90	85	74	60	47	34	0	298.1	69
June	30	38	55	67	78	91	95	97	93	86	85	77	69	60	21	3	305.0	71
July	58	61	68	78	88	91	99	96	94	97	95	88	81	65	41	34	354.4	81
August	.....	35	40	35	44	51	58	68	72	68	63	64	46	32	14	.....	209.6	56
September	.....	68	65	64	68	75	85	93	90	86	81	76	69	58	45	.....	280.0	75
October	.....	100	79	79	88	86	91	98	97	94	88	89	83	76	.....	.....	306.7	87
November	.....	.....	59	61	63	62	68	77	80	82	79	74	73	67	.....	.....	223.0	71
December	.....	.....	39	36	38	45	54	58	61	61	60	59	47	0	.....	.....	159.7	52
Sums	101	419	562	651	752	830	916	970	984	960	918	855	747	582	208	37	2,977.9	801
Percentage of possible	.....	.....	47	54	63	69	76	81	82	80	76	71	62	48	.....	.....	248.2	67

ATLANTIC CITY, N. J. (T.).

[N. lat. 39° 22′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	41	47	60	67	69	69	63	55	48	43	43	.....	.....	171.6	56
February	.....	.....	67	64	64	78	85	85	80	74	69	59	56	57	.....	.....	212.5	71
March	.....	58	37	34	41	47	51	54	60	50	49	50	43	33	35	.....	170.3	46
April	.....	40	37	39	39	40	43	46	39	34	38	31	23	20	22	.....	140.5	35
May	17	26	26	28	32	43	50	59	61	62	49	38	33	26	25	11	174.6	39
June	60	60	59	60	74	76	84	84	89	84	78	73	65	47	42	43	306.0	69
July	44	45	52	58	71	77	79	83	86	88	78	76	63	47	28	26	295.2	65
August	.....	55	61	62	72	86	86	87	80	76	75	72	61	48	41	45	292.8	69
September	.....	71	63	66	79	84	86	87	86	79	72	61	49	42	47	.....	265.0	71
October	.....	0	63	65	67	82	86	93	84	81	67	65	68	67	.....	.....	258.0	75
November	.....	.....	44	43	53	60	59	60	61	58	53	40	40	.....	.....	.....	159.0	53
December	.....	.....	.....	40	49	64	67	65	68	69	67	45	45	.....	.....	.....	163.2	56
Sums	121	355	509	600	688	797	843	872	853	808	740	658	589	430	240	125	2,608.7	705
Percentage of possible	.....	.....	.....	50	57	66	70	73	71	67	62	55	49	.....	.....	.....	217.4	59

BALTIMORE, MD. (T.).

[N. lat. 39° 18′.]

January	.....	.....	.....	16	29	44	49	53	64	64	54	44	25	20	.....	.....	135.3	45
February	.....	.....	55	43	50	67	73	88	86	81	66	58	51	50	.....	.....	195.8	65
March	.....	17	33	35	49	56	69	69	70	58	56	50	40	30	30	.....	190.4	51
April	.....	38	33	35	45	47	48	48	51	55	48	38	31	27	29	.....	164.2	41
May	12	19	24	27	36	38	49	50	56	54	56	49	42	21	15	8	167.8	35
June	50	50	57	73	78	81	82	78	78	83	79	76	69	56	30	28	301.2	68
July	27	23	34	54	62	69	71	73	76	80	75	67	55	36	14	16	247.6	55
August	.....	30	39	57	64	71	76	80	79	71	71	68	62	50	39	55	262.2	62
September	.....	43	47	56	64	77	78	78	78	67	70	64	47	43	35	.....	236.1	63
October	.....	0	53	60	68	83	84	86	87	91	89	86	71	56	.....	.....	268.7	78
November	.....	.....	28	26	37	57	64	65	62	55	51	41	29	.....	.....	.....	146.8	49
December	.....	.....	.....	32	39	55	61	57	60	63	58	43	34	.....	.....	.....	150.0	51
Sums	89	220	403	514	621	745	804	825	847	822	773	684	556	389	192	107	2,466.1	666
Percentage of possible	.....	.....	.....	43	52	62	67	69	71	68	64	57	46	.....	.....	.....	205.5	56

BINGHAMTON, N. Y. (T.).

[N. lat. 40° 08′.]

January	.....	.....	.....	15	20	41	51	52	57	50	45	37	21	8	.....	.....	417.5	40
February	.....	.....	34	19	38	75	88	96	96	91	86	61	29	20	.....	.....	193.7	65
March	.....	38	25	30	53	67	65	68	66	57	53	42	28	18	13	.....	176.8	48
April	0	32	24	32	38	41	41	46	45	42	34	31	32	24	27	.....	140.0	35
May	17	22	22	29	39	40	40	42	51	45	42	38	34	26	24	14	155.7	34
June	50	44	35	50	64	73	75	72	75	68	63	54	56	42	47	47	262.6	58
July	31	29	46	66	78	79	77	81	86	89	82	74	75	65	40	37	309.3	67
August	17	17	19	37	60	63	59	65	61	62	61	55	46	37	33	50	209.1	49
September	.....	17	27	32	50	62	70	70	72	70	67	58	50	48	39	.....	205.7	55
October	.....	0	32	41	63	70	75	74	66	65	62	58	49	45	.....	.....	204.9	60
November	.....	.....	13	7	7	12	19	28	33	32	29	28	29	.....	.....	.....	64.4	22
December	.....	.....	.....	26	25	25	30	40	40	39	25	16	15	.....	.....	.....	82.1	29
Sums	115	199	277	384	535	648	690	734	748	710	649	552	464	333	223	148	2,121.8	562
Percentage of possible	.....	.....	.....	32	45	54	58	61	62	59	54	46	39	.....	.....	.....	176.8	47

BISMARCK, N. DAK. (P.).

[N. lat. 46° 47′.]

January	.....	.....	.....	34	41	50	56	58	64	69	62	53	46	.....	.....	.....	154.0	55
February	.....	.....	62	59	59	63	70	73	69	67	65	58	46	52	.....	.....	180.7	63
March	.....	44	45	50	51	64	61	64	64	66	59	58	57	34	27	.....	206.8	56
April	0	23	39	56	59	61	68	72	69	65	61	58	47	34	23	0	217.0	53
May	78	74	77	82	83	82	84	82	80	78	78	75	78	76	75	80	868.7	79
June	41	41	44	49	44	51	52	62	59	56	57	62	54	50	45	45	241.7	51
July	34	35	53	69	75	67	66	71	80	80	79	82	75	70	49	45	313.7	65
August	41	39	54	66	66	68	72	72	73	72	77	73	70	64	35	46	282.0	64
September	.....	24	26	38	32	37	46	40	44	50	63	57	59	50	47	.....	167.7	44
October	.....	.....	54	54	61	71	69	74	71	79	69	59	52	47	.....	.....	218.3	65
November	.....	.....	29	41	49	52	60	64	58	62	62	69	71	.....	.....	.....	163.8	58
December	.....	.....	.....	21	26	34	37	33	34	35	33	33	31	.....	.....	.....	86.8	33
Sums	194	280	483	619	646	700	741	765	765	779	765	737	686	477	301	216	2,601.2	686
Percentage of possible	.....	.....	.....	52	54	58	62	64	64	65	64	61	57	.....	.....	.....	216.8	57

BOISE, IDAHO (P.).

[N. lat. 43° 37′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	32	36	41	51	47	50	50	45	30	26	50	.....	.....	120.5	42
February	.....	.....	12	24	35	38	45	48	48	55	51	45	40	31	.....	.....	123.7	42
March	.....	60	60	60	71	78	76	79	75	72	76	68	62	52	54	.....	256.0	69
April	33	53	53	61	64	67	74	77	71	66	65	59	52	46	37	0	246.0	61
May	59	56	69	76	79	83	76	75	73	77	76	70	61	58	52	49	317.6	69
June	56	60	72	72	81	86	86	87	84	88	86	78	71	68	58	58	347.7	75
July	78	88	91	95	95	92	95	94	96	95	95	94	90	87	75	76	421.4	90
August	67	67	82	85	92	94	92	92	90	87	84	79	81	67	54	77	355.6	82
September	.....	72	69	72	76	72	68	70	71	72	74	73	76	65	71	.....	268.6	72
October	.....	.....	62	66	70	65	70	69	68	73	71	70	67	67	.....	.....	232.9	68
November	.....	.....	50	38	47	70	68	70	63	56	45	39	28	.....	.....	.....	154.9	53
December	.....	.....	.....	36	44	50	56	59	57	62	56	49	49	.....	.....	.....	147.0	53
Sums	293	451	620	717	790	836	857	867	845	853	824	754	703	591	401	260	2,991.9	776
Percentage of possible	.....	.....	.....	60	66	70	71	72	70	71	69	63	59	.....	.....	.....	249.3	65

BOSTON, MASS. (T.).

[N. lat. 42° 21′.]

January	.....	.....	.....	40	49	47	52	50	52	52	47	36	26	23	.....	.....	134.4	45
February	.....	.....	55	64	75	84	88	82	75	73	64	54	54	53	.....	.....	208.3	70
March	.....	38	43	45	44	51	58	59	55	54	45	26	19	14	17	.....	158.1	43
April	0	29	27	28	25	29	30	34	33	32	30	24	18	17	19	.....	106.4	27
May	28	31	33	40	45	51	55	63	65	57	57	54	48	37	34	17	211.6	47
June	51	64	69	68	75	82	85	86	81	82	84	76	74	69	34	46	331.7	73
July	42	42	49	55	54	61	66	73	73	77	71	68	65	49	31	20	266.5	58
August	50	28	38	45	50	57	64	70	65	60	63	53	49	51	31	19	223.1	52
September	.....	33	52	49	58	65	70	72	70	67	61	56	47	44	20	.....	217.7	58
October	.....	0	62	66	66	73	76	77	81	77	70	55	59	49	.....	.....	236.5	69
November	.....	.....	53	47	48	48	50	56	59	48	34	29	24	.....	.....	.....	133.7	45
December	.....	.....	.....	29	35	42	49	51	48	46	40	41	37	.....	.....	.....	120.9	42
Sums	171	265	481	571	624	690	743	773	757	725	668	572	520	406	186	102	2,348.9	629
Percentage of possible	.....	.....	.....	48	52	58	62	64	63	60	56	48	43	.....	.....	.....	195.7	52

BUFFALO, N. Y. (T.).

[N. lat. 42° 53′.]

January	.....	.....	.....	12	14	24	42	45	49	46	30	25	14	17	.....	.....	90.9	31
February	.....	.....	27	23	31	59	84	86	82	79	70	42	27	26	.....	.....	167.1	57
March	.....	36	25	27	40	44	50	60	59	56	52	43	28	19	28	.....	155.8	42
April	100	40	39	46	60	67	73	70	72	76	61	53	49	38	34	.....	227.4	57
May	16	22	37	50	51	64	65	65	58	55	53	48	43	37	21	11	210.2	46
June	13	16	50	59	65	73	77	81	87	85	81	76	82	69	54	48	296.7	65
July	19	17	35	61	76	81	86	85	85	88	84	79	73	68	58	54	315.0	68
August	22	26	30	44	62	74	75	77	73	73	73	67	44	30	25	44	239.7	56
September	.....	24	24	39	47	61	65	73	72	72	68	63	54	35	35	.....	205.9	55
October	.....	.....	8	25	49	61	64	69	75	71	72	63	31	13	.....	.....	182.3	53
November	.....	.....	33	18	22	43	56	58	59	52	38	24	15	.....	.....	.....	114.8	39
December	.....	.....	.....	7	17	45	54	57	59	64	64	35	15	.....	.....	.....	126.9	45
Sums	170	181	308	411	534	696	791	826	836	819	746	618	475	346	255	157	2,333.7	614
Percentage of possible	.....	.....	.....	34	44	58	66	69	70	68	62	52	40	.....	.....	.....	194.5	51

CHARLESTON, S. C. (T.).

[N. lat. 32° 47′.]

January	.....	.....	50	49	49	52	59	64	54	57	49	42	37	37	.....	.....	161.2	51
February	.....	.....	64	52	55	54	64	69	68	63	64	48	46	52	.....	.....	178.4	58
March	.....	44	53	54	51	58	68	76	70	62	59	54	49	51	47	.....	218.4	59
April	.....	71	67	72	72	70	66	68	62	59	56	53	43	49	50	.....	240.1	61
May	27	41	42	61	60	65	68	67	62	62	53	52	53	40	38	0	235.4	55
June	32	33	39	42	44	50	51	57	47	55	51	48	43	32	30	28	189.2	44
July	29	22	24	41	36	47	47	48	49	58	42	54	46	26	26	20	176.5	40
August	.....	36	35	35	42	46	58	62	57	56	51	46	32	15	12	.....	176.0	43
September	.....	46	43	49	52	65	59	62	59	59	61	51	45	34	22	.....	196.0	53
October	.....	67	63	57	62	62	62	68	69	65	61	57	52	53	.....	.....	215.6	61
November	.....	.....	66	70	73	71	72	75	79	72	69	65	61	50	.....	.....	271.4	71
December	.....	.....	44	39	39	50	61	62	61	60	48	45	42	33	.....	.....	157.1	51
Sums	88	360	590	621	635	690	735	778	737	728	664	615	549	472	225	48	2,415.3	647
Percentage of possible	.....	.....	49	52	53	58	61	65	61	61	55	51	46	39	.....	.....	201.3	54

CHATTANOOGA, TENN. (T.).

[N. lat. 35° 04′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	00	20	32	53	59	65	66	66	65	52	50	52	.....	.....	167.9	53
February	.....	.....	35	36	49	64	71	73	78	77	68	54	48	53	.....	.....	181.8	59
March	.....	30	31	33	43	54	58	66	69	73	64	57	56	43	34	.....	200.4	54
April	.....	46	36	42	50	54	57	58	55	52	55	46	46	35	37	.....	189.5	48
May	33	54	53	50	61	72	73	70	72	71	63	62	60	43	31	25	258.9	60
June	69	70	67	65	74	79	83	83	87	76	69	63	56	45	47	49	297.7	69
July	81	75	75	79	91	97	98	98	91	92	84	77	74	52	45	43	354.5	80
August	.....	31	30	39	55	66	72	68	75	74	63	53	48	37	30	100	224.7	54
September	.....	50	49	55	66	74	82	78	72	70	65	58	56	50	65	.....	239.1	64
October	.....	67	75	75	80	84	93	94	94	90	89	80	56	55	.....	.....	285.9	82
November	.....	.....	56	53	50	57	68	75	78	75	76	68	55	25	.....	.....	202.4	65
December	.....	.....	27	35	34	43	43	47	47	45	38	36	37	.....	.....	.....	124.2	41
Sums	183	423	584	588	685	797	857	875	884	861	799	706	642	490	289	217	2,727.0	729
Percentage of possible	.....	.....	44	49	57	66	71	73	74	72	67	59	54	.....	.....	.....	227.2	61

CHEYENNE, WYO. (P.).

[N. lat. 41° 08′.]

January	.....	.....	.....	68	65	74	72	66	70	68	68	74	72	47	.....	.....	207.5	70
February	.....	.....	62	61	61	65	69	71	69	67	60	58	50	46	.....	.....	185.5	62
March	.....	42	55	55	59	71	73	65	65	64	65	60	63	44	20	.....	226.8	61
April	.....	49	53	59	63	70	73	68	68	71	67	64	66	62	52	.....	255.5	64
May	56	61	65	65	74	80	87	73	66	60	64	55	50	44	26	21	279.2	62
June	63	67	72	78	78	76	82	86	83	75	69	65	58	57	55	51	318.0	70
July	82	76	89	96	93	96	93	85	82	72	71	72	74	61	62	66	365.5	80
August	50	76	79	72	73	75	71	75	74	61	60	53	47	53	43	30	278.1	65
September	.....	51	65	75	78	82	84	78	83	85	81	71	70	67	53	.....	282.9	76
October	.....	100	68	68	72	79	80	81	90	89	80	77	69	59	.....	.....	265.8	77
November	.....	.....	50	53	61	71	79	77	84	79	79	75	71	.....	.....	.....	214.9	72
December	.....	.....	.....	47	50	46	44	43	55	59	54	50	48	.....	.....	.....	143.1	50
Sums	251	522	658	797	827	885	907	868	889	850	818	774	738	540	321	168	3,022.8	809
Percentage of possible	.....	.....	.....	66	69	74	76	72	74	71	68	64	62	.....	.....	.....	251.9	67

CHICAGO, ILL. (T.).

[N. lat. 41° 59′.]

January	.....	.....	.....	18	25	30	41	49	46	51	47	40	39	38	.....	.....	116.8	40
February	.....	.....	69	53	60	61	77	80	74	72	72	66	57	62	.....	.....	198.9	67
March	.....	00	24	25	33	40	45	45	47	44	37	35	31	26	20	.....	133.7	36
April	100	59	58	64	68	75	79	77	76	71	70	64	57	55	62	.....	268.8	67
May	28	32	31	38	49	58	69	74	75	70	62	50	41	29	33	29	225.6	50
June	73	73	64	69	78	82	82	83	77	77	78	70	59	44	41	41	318.2	69
July	75	74	74	75	77	76	82	85	84	86	87	85	74	65	69	65	357.8	77
August	83	56	51	49	60	65	63	70	73	62	64	55	50	38	33	38	242.5	56
September	.....	69	74	74	73	74	77	69	66	63	62	58	56	54	61	.....	249.3	67
October	.....	.....	61	65	68	77	75	82	72	71	68	61	63	49	.....	.....	235.7	69
November	.....	.....	42	36	45	55	68	64	60	54	49	42	49	.....	.....	.....	158.5	52
December	.....	.....	.....	19	28	36	43	45	55	47	44	37	39	.....	.....	.....	113.9	40
Sums	359	363	548	585	664	729	801	823	805	768	740	663	615	460	319	173	2,609.7	690
Percentage of possible	.....	.....	.....	49	55	61	67	69	67	64	62	55	51	.....	.....	.....	217.5	58

CINCINNATI, OHIO (T.).

[N. lat. 39° 06′.]

January	.....	.....	.....	26	26	30	44	43	43	47	47	38	35	13	.....	.....	115.7	38
February	.....	.....	45	37	36	41	45	49	45	41	42	41	34	32	.....	.....	112.6	41
March	.....	00	22	23	23	26	41	44	44	45	39	35	27	23	22	.....	121.4	33
April	.....	40	37	37	39	46	50	43	43	40	38	39	40	32	34	.....	156.9	40
May	29	39	42	44	56	64	72	72	76	72	68	65	67	56	38	28	260.0	59
June	46	47	47	56	56	67	69	94	96	92	86	85	77	68	48	37	306.1	69
July	64	68	71	79	87	99	100	100	100	100	98	96	90	85	71	61	397.2	88
August	.....	39	41	54	58	72	84	91	93	93	89	80	68	57	33	55	290.9	69
September	.....	60	57	59	67	70	77	82	85	90	82	73	64	46	20	.....	261.2	70
October	.....	00	62	65	65	67	70	79	83	76	73	64	53	44	.....	.....	235.3	68
November	.....	.....	60	43	42	40	57	62	60	55	58	51	39	.....	.....	.....	152.8	51
December	.....	.....	.....	19	23	34	38	40	40	37	29	27	26	.....	.....	.....	93.2	32
Sums	139	293	484	542	577	656	747	799	808	788	744	694	629	451	266	181	2,507.3	658
Percentage of possible	.....	.....	.....	45	48	55	62	67	67	66	62	58	52	.....	.....	.....	208.8	55

CLEVELAND, OHIO (T.).

[N. lat. 41° 30′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January				3	12	20	25	28	31	27	25	23	23	15			66.4	22
February			24	30	34	36	40	45	43	42	34	29	26	21			103.8	35
March		23	28	27	30	44	49	50	54	50	43	41	35	30	28		149.1	40
April	100	42	40	43	48	48	53	62	63	58	52	48	46	44	43		198.6	50
May	41	48	52	57	73	72	74	75	74	69	69	64	53	43	38	31	273.9	61
June	46	46	47	59	62	76	78	77	71	73	71	67	61	52	48	37	280.9	62
July	57	57	61	67	74	81	89	90	94	95	90	83	82	63	61	46	350.9	76
August	33	41	42	44	53	58	52	61	60	58	52	47	40	46	39	46	212.8	50
September		44	47	50	51	56	61	62	61	63	65	67	58	55	54		215.9	58
October		0	41	45	51	62	65	66	68	71	68	65	58	62			207.4	61
November			34	17	18	20	27	30	26	28	27	30	29				74.3	25
December				31	31	32	36	40	36	33	31	32	32				96.0	34
Sums	277	301	416	473	537	605	649	686	681	667	627	596	543	431	311	160	2,230.0	574
Percentage of possible				39	45	50	54	57	57	56	52	50	45				185.8	48

COLUMBIA, MO. (T.).

[N. lat. 38° 58′.]

January				55	62	69	73	79	83	84	81	81	64	63			223.5	74
February			60	60	61	69	76	75	73	71	74	69	59	47			203.2	68
March		33	41	38	44	47	54	61	58	57	61	54	48	39	13		184.5	50
April		60	59	62	61	73	80	77	82	76	71	63	57	48	44		260.8	66
May	77	69	66	77	79	81	83	84	82	78	77	80	68	62	57	64	330.1	74
June	82	83	86	88	92	93	93	92	92	96	95	86	83	75	75	65	388.0	87
July	83	75	82	86	82	88	88	86	91	88	89	85	83	73	73	69	376.3	83
August		81	83	86	92	94	96	97	99	98	91	85	81	78	69	73	372.7	88
September		79	84	77	76	73	77	81	80	81	82	82	76	68	71		290.8	78
October		100	68	68	66	70	76	76	78	76	76	74	66	59			248.9	72
November			79	78	72	81	87	85	84	83	82	73	65				239.3	79
December				41	50	52	59	66	63	62	54	47	38				158.7	54
Sums	242	580	708	816	837	890	942	959	965	950	933	879	784	612	402	271	3,276.8	873
Percentage of possible				68	70	74	78	80	80	79	78	73	65				273.1	73

COLUMBUS, OHIO (T.).

[N. lat. 39° 58′.]

January				26	26	27	30	37	43	33	40	33	32	8			98.4	33
February			34	26	31	41	54	63	60	50	39	32	23	27			122.3	41
March		0	9	12	28	39	40	44	44	42	44	39	30	27	33		124.3	33
April		44	43	43	42	49	48	47	45	44	45	44	39	33	36		172.1	43
May	24	35	35	41	49	59	57	58	59	56	52	46	39	33	26	17	203.1	45
June	47	47	49	52	63	71	80	84	80	77	77	66	51	42	34	32	273.3	61
July	53	55	56	63	80	85	89	88	84	84	90	81	81	58	48	50	333.7	73
August	0	48	44	47	57	64	70	70	75	75	76	69	58	41	27	43	251.0	59
September		40	40	49	56	62	66	72	71	76	70	69	63	44	23		226.2	61
October		0	53	55	64	71	73	76	79	79	78	63	48	33			229.0	66
November			42	30	33	32	47	48	44	48	51	42	37				123.8	41
December				22	23	22	36	36	32	25	15	16	16				72.1	25
Sums	124	269	405	466	552	622	690	723	716	689	677	600	517	346	227	142	2,229.3	581
Percentage of possible				39	46	52	58	60	60	57	56	50	43				185.8	48

DENVER, COLO. (P.).

[N. lat. 39° 45′.]

January				59	75	79	83	82	83	86	84	79	67	75			235.9	78
February			39	54	65	80	83	82	78	74	70	66	58	55			209.3	70
March		25	52	70	75	74	70	74	75	70	70	65	59	36	13		242.6	65
April		59	63	71	76	72	74	75	79	72	74	60	65	45	39		261.4	66
May	50	56	66	74	76	83	81	78	77	66	57	58	61	45	38	25	286.2	64
June	63	70	79	90	90	95	88	83	77	77	86	89	74	61	64	55	354.0	79
July	99	98	100	97	97	97	96	91	79	77	75	73	72	67	57	50	378.6	83
August		61	75	82	87	91	84	79	68	55	51	52	45	39	27	21	273.5	64
September		72	64	88	90	92	94	93	93	84	80	81	74	61	52		313.0	84
October		100	68	76	81	82	87	94	91	84	86	80	72	51			280.0	81
November			58	68	74	80	82	82	87	76	74	76	81				232.0	77
December				42	59	61	61	60	66	73	62	58	62				177.0	61
Sums	212	541	684	871	945	986	983	978	944	894	869	837	780	535	290	151	3,243.5	872
Percentage of possible				73	79	82	82	81	79	74	72	70	65				270.3	73

DES MOINES, IOWA (T.).

[N. lat. 41° 35′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January				42	49	52	62	69	70	66	63	47	36	38			166.5	56
February			45	45	49	62	74	76	76	75	70	50	41	31			181.2	61
March		0	25	32	43	59	65	68	67	62	54	47	39	25	22		181.0	49
April	0	45	47	61	70	72	71	73	75	72	65	64	57	34	33		244.0	61
May	53	49	59	75	77	85	85	88	89	84	75	68	63	42	40	47	312.7	69
June	43	44	54	74	84	94	92	84	83	85	88	83	75	52	45	54	329.1	72
July	66	69	75	85	85	95	96	98	97	94	95	95	90	73	60	51	390.1	84
August	33	50	56	68	80	83	88	91	92	91	84	77	64	60	53	58	318.9	74
September		37	34	42	52	62	60	63	61	56	60	63	49	45	44		199.9	53
October		0	41	43	66	78	87	86	77	67	65	66	61	53			230.0	67
November		4	42	59	71	76	75	72	80	76	71	74	71				212.7	72
December				21	38	51	62	65	61	61	61	39	26				144.1	51
Sums	196	298	478	647	764	869	917	933	928	889	851	773	672	453	297	210	2,910.2	769
Percentage of possible				54	64	72	76	78	77	74	71	64	64				242.5	64

DETROIT, MICH. (T.).

[N. lat. 42° 20′.]

January				15	17	21	27	29	27	25	20	17	14	0			63.7	22
February			0	4	14	35	54	53	54	54	36	38	27	26			107.2	36
March		46	28	29	33	40	46	50	63	58	43	35	23	17	28		143.9	39
April	0	35	33	45	54	58	68	68	66	56	51	47	40	31	33		199.7	50
May	49	51	47	45	48	60	63	64	65	55	56	51	41	23	24	32	222.2	49
June	62	60	60	64	74	81	68	64	67	74	71	71	58	48	38	34	286.5	63
July	46	51	63	69	78	84	87	91	89	87	86	76	74	61	41	40	333.4	72
August	67	21	23	49	64	71	78	82	80	69	63	66	50	34	20	27	238.3	55
September		46	50	60	69	75	77	71	75	73	68	68	60	48	41		244.5	65
October		0	48	54	69	74	77	79	81	78	71	67	46	47			231.0	67
November			49	33	42	55	53	44	52	46	34	29	26				124.3	42
December				30	33	45	55	58	58	47	36	30	24				122.1	43
Sums	224	310	401	497	595	699	753	753	777	724	635	595	483	335	225	133	2,316.8	603
Percentage of possible				41	50	58	63	63	65	60	53	50	40				193.1	50

DODGE, KANS. (P.).

[N. lat. 37° 45′.]

January				64	73	86	83	73	79	81	69	59	52	56			221.0	72
February			52	51	61	63	64	62	61	60	66	65	47	40			177.7	59
March		33	65	70	76	76	71	71	67	71	70	67	62	55	35		252.7	68
April		38	53	65	65	63	59	57	58	58	56	53	54	44	36		218.8	55
May	58	62	75	83	86	80	83	80	79	76	77	71	68	61	52	50	324.0	73
June	64	70	76	77	87	92	93	90	85	88	83	81	76	66	52	47	348.0	79
July	75	65	80	84	95	95	93	88	89	92	85	87	79	75	61	63	372.4	83
August		55	66	78	83	83	82	83	84	83	86	86	73	65	48	71	320.8	76
September		36	53	64	67	74	73	74	75	80	81	77	73	65	38		261.7	70
October		50	56	74	83	87	90	90	85	83	77	75	67	61			272.1	78
November			51	70	79	82	82	76	75	66	71	66	59	0			219.4	72
December			0	56	65	71	71	68	67	67	66	60	56				198.1	65
Sums	192	409	627	836	920	952	944	912	904	905	887	847	766	588	322	231	3,181.7	850
Percentage of possible				70	77	79	79	76	75	75	74	71	64				265.1	71

DUBUQUE, IOWA (T.).

[N. lat. 42° 30′.]

January				43	43	52	55	60	65	68	62	51	51	54			163.8	55
February			76	52	58	63	76	78	81	85	73	69	68	77			209.7	71
March		31	33	33	42	50	58	59	61	58	52	37	30	26	26		166.6	45
April	100	54	60	55	64	77	82	84	84	81	81	74	62	61	67		281.6	70
May	61	57	55	56	65	67	69	73	72	64	62	62	56	52	49	44	275.8	61
June	50	48	51	70	86	91	93	92	93	86	84	84	70	67	66	67	345.3	76
July	68	67	66	79	88	92	93	94	96	95	91	86	72	70	67	68	376.9	82
August	83	61	57	67	72	80	88	87	88	93	93	81	76	64	62	73	329.4	77
September		37	42	42	53	55	57	56	57	64	61	56	48	43	37		195.1	52
October			50	49	49	60	72	77	75	71	67	58	56	53			213.7	62
November			55	47	40	47	58	67	64	65	50	56	65				163.7	56
December				7	12	28	40	41	45	38	30	24	21				84.8	30
Sums	362	355	535	600	672	762	841	868	881	868	806	738	675	567	374	252	2,806.4	737
Percentage of possible				50	56	64	70	72	73	72	67	62	56				233.9	61

EASTPORT, ME. (P.).

[N. lat. 44° 54′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January				30	35	43	43	43	43	42	38	30	22	0			107.7	38
February			57	46	54	58	60	58	55	57	60	53	45	43			158.3	54
March		12	25	28	39	47	53	49	49	48	51	52	45	39	33		162.8	44
April	40	30	28	30	30	34	33	39	42	41	39	37	36	36	35	50	142.5	35
May	19	19	21	25	33	35	42	47	54	53	46	48	44	43	35	37	176.0	38
June	24	31	44	48	58	60	62	59	61	68	68	63	61	52	43	40	248.2	53
July	27	28	42	60	59	60	68	65	66	68	62	65	56	50	37	33	255.6	54
August	21	26	41	46	53	66	71	64	69	69	70	68	67	58	33	20	248.2	57
September		27	30	46	59	69	70	69	66	68	71	68	66	53	49		225.9	60
October			30	42	59	64	61	58	50	49	56	55	50	54			179.5	53
November			48	31	39	48	43	51	52	48	45	35	33				123.6	43
December				30	34	42	56	51	52	48	43	36	36				120.2	44
Sums	131	173	366	461	552	626	661	653	659	659	649	610	561	428	265	180	2,148.5	572
Percentage of possible				38	46	52	55	54	55	55	54	51	47				179.0	48

ELKINS, W. VA. (T.).

[N. lat. 38° 53′.]

January				0	0	5	21	33	36	37	31	18	10	7			59.0	19
February			0	0	2	18	32	38	41	39	37	24	7	8			67.7	23
March		0	7	8	14	30	36	34	34	30	24	11	5	3	0		72.7	20
April		12	13	19	37	40	40	41	39	41	32	24	19	11	11		111.2	28
May	3	3	3	32	55	59	55	57	61	60	48	40	33	13	10	8	164.5	37
June	0	0	2	36	62	70	86	78	70	72	59	52	40	13	3	3	193.9	43
July	0	0	1	31	55	67	74	87	84	76	73	71	65	33	6	5	224.8	50
August		0	0	14	44	61	68	67	64	65	57	52	38	8	0		167.1	39
September		0	0	0	17	53	65	61	66	61	56	55	29	13	0		142.8	38
October		0	0	0	6	36	60	72	67	65	41	29	20	22			125.7	36
November			0	0	0	0	8	17	20	16	5	5	3				22.0	7
December				0	1	14	30	33	34	37	25	10	7				58.3	20
Sums	3	15	26	140	293	453	575	618	616	599	488	391	276	131	30	16	1,409.7	360
Percentage of possible				12	24	38	48	52	51	50	41	33	23				117.5	30

ERIE, PA. (T.).

[N. lat. 42° 07′.]

January				6	2	6	12	10	13	10	12	11	11	15			27.4	9
February			21	15	16	23	30	38	35	32	30	22	21	23			77.4	26
March		31	20	19	18	22	35	42	43	42	35	30	27	26	33		111.8	30
April	100	38	33	33	39	53	56	48	51	49	51	42	38	34	36		173.3	43
May	17	20	20	30	42	50	60	63	65	63	55	50	37	30	29	25	193.9	43
June	23	23	38	51	64	73	78	76	71	74	78	67	56	49	35	36	260.5	57
July	24	22	25	40	64	72	86	89	91	91	89	86	80	53	32	34	293.3	64
August	50	27	25	30	42	54	54	58	64	63	58	55	36	21	20	42	187.1	44
September[1]		28	31	40	38	48	55	55	56	61	55	49	45	38	29		150.6	47
October			36	43	36	41	44	48	49	51	38	34	32	21			139.5	41
November			25	10	13	17	18	20	17	15	15	11	13				44.9	15
December				4	3	11	19	27	30	23	13	10	9				44.9	16
Sums	214	189	274	321	377	470	547	574	585	574	529	467	405	310	214	137	1,704.6	435
Percentage of possible				27	31	39	46	48	49	48	44	39	34				142.0	36

ESCANABA, MICH. (T.).

[N. lat. 45° 48′.]

January				0	1	22	28	30	31	36	30	19	15	0			64.5	23
February			42	31	40	51	53	62	65	58	45	31	25	27			130.4	45
March		31	16	15	16	26	33	33	34	35	31	23	25	26	35		97.9	26
April	25	46	48	45	44	46	51	58	55	52	51	56	41	25	23	0	187.5	46
May	36	32	31	33	42	39	45	42	46	40	43	38	34	30	32	30	173.4	37
June	30	31	35	38	59	61	61	58	59	57	57	50	40	23	16	14	204.8	43
July	49	48	47	50	50	42	41	47	57	49	47	42	42	22	18	19	200.2	42
August	58	54	51	57	62	63	69	68	68	69	62	59	45	37	33	20	248.0	57
September		30	20	29	45	49	48	52	44	38	40	38	30	19	35		141.1	37
October		0	19	14	34	45	49	48	58	52	42	41	40	23			186.7	40
November			39	18	18	17	24	27	22	18	11	10	15				52.4	18
December				5	13	22	28	31	32	35	26	22	23				67.4	25
Sums	198	272	348	335	424	483	530	566	571	534	485	429	375	232	192	83	1,704.3	439
Percentage of possible				28	35	40	44	46	48	44	40	36	31				142.0	37

[1] For 26 days.

EUREKA, CAL. (P.).

[N. lat. 40° 48′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	34	35	37	41	46	46	51	45	42	41	76	.....	.....	126.0	42
February	.....	.....	0	27	31	34	38	41	35	37	36	31	25	20	.....	.....	99.0	33
March	.....	67	38	47	51	56	55	66	68	68	66	66	54	49	41	.....	212.1	57
April	0	41	50	55	60	65	62	63	71	71	69	70	66	58	53	.....	246.9	62
May	19	15	21	31	37	39	48	51	51	55	49	55	52	43	42	45	186.8	42
June	40	40	55	58	67	68	71	69	62	62	64	67	70	67	63	60	281.3	62
July	22	20	21	39	56	63	72	76	76	74	72	69	65	64	61	65	268.7	59
August	50	11	9	13	17	21	35	46	55	58	61	50	52	49	49	60	161.5	38
September	.....	18	13	16	39	54	59	68	73	79	68	70	58	55	79	.....	200.4	54
October	.....	100	29	26	32	47	49	54	47	55	59	46	37	34	.....	.....	150.7	44
November	.....	.....	18	18	40	41	46	51	49	49	44	42	42	.....	.....	.....	123.9	42
December	.....	.....	.....	36	50	45	59	62	52	60	67	56	53	.....	.....	.....	157.6	55
Sums	131	312	254	400	515	570	635	693	685	719	700	664	615	515	388	230	2,214.9	590
Percentage of possible	.....	.....	.....	33	43	48	53	58	57	60	58	55	51	.....	.....	.....	184.6	49

FRESNO, CAL. (T.).

[N. lat. 36° 43′.]

January	.....	.....	.....	3	3	10	22	26	30	29	32	25	10	12	.....	.....	59.5	19
February	.....	.....	28	19	33	49	52	59	60	60	60	45	31	31	.....	.....	138.1	46
March	.....	64	43	50	74	82	88	95	97	95	94	89	80	66	59	.....	296.3	80
April	.....	79	84	85	88	87	90	93	93	93	92	89	82	75	70	.....	339.9	86
May	59	71	72	79	86	86	86	90	90	92	89	87	84	83	80	60	367.4	84
June	93	93	96	97	97	100	99	99	99	100	100	99	98	95	93	98	429.0	97
July	93	88	95	99	98	100	99	97	97	96	96	97	96	96	95	97	431.8	97
August	.....	68	81	95	99	97	97	96	97	97	97	97	99	95	78	60	390.2	93
September	.....	97	93	94	96	99	100	100	99	100	100	96	95	91	100	.....	361.6	97
October	.....	50	68	85	88	88	93	95	100	99	92	88	74	66	.....	.....	306.1	88
November	.....	.....	49	60	75	79	88	93	97	97	90	85	57	0	.....	.....	248.8	81
December	.....	.....	0	55	68	74	75	71	81	80	84	78	64	.....	.....	.....	218.3	73
Sums	245	610	709	821	900	951	989	1,014	1,040	1,038	1,026	970	870	710	575	310	3,587.0	941
Percentage of possible	.....	.....	.....	68	75	79	82	84	87	86	86	81	72	.....	.....	.....	298.9	78

GALVESTON, TEX. (P.).

[N. lat. 29° 18′.]

January	.....	.....	24	22	43	46	51	44	55	67	61	50	25	50	.....	.....	151.6	46
February	.....	.....	30	11	11	11	11	11	37	50	45	34	27	33	.....	.....	79.2	25
March	.....	29	47	60	68	66	67	67	69	72	73	74	65	58	50	.....	242.6	65
April	.....	45	44	55	62	76	75	66	59	73	74	67	61	46	38	.....	238.0	62
May	.....	41	45	53	66	68	62	60	37	70	85	80	74	62	52	.....	258.3	61
June	.....	80	83	65	69	75	83	74	72	91	91	89	89	84	77	50	335.7	80
July	.....	26	41	57	63	64	61	54	44	55	64	70	64	53	44	25	233.7	55
August	.....	18	21	51	66	73	78	71	48	67	80	76	67	52	42	.....	243.8	60
September	.....	28	34	58	65	67	71	67	55	58	69	74	69	47	13	.....	222.6	60
October	.....	75	52	66	81	83	85	85	80	88	92	88	78	52	.....	.....	290.4	79
November	.....	.....	33	56	73	70	73	64	57	63	66	67	63	53	.....	.....	203.9	63
December	.....	.....	25	36	55	57	60	50	55	73	68	64	54	47	.....	.....	180.0	56
Sums	.....	342	479	589	722	756	777	713	668	827	868	833	736	632	316	75	2,669.8	712
Percentage of possible	.....	.....	40	49	60	63	65	59	56	69	72	69	61	53	.....	.....	222.5	59

GRAND JUNCTION, COLO. (P.).

[N. lat. 39° 09′.]

January	.....	.....	.....	62	57	63	67	69	67	71	74	68	65	70	.....	.....	200.4	66
February	.....	.....	57	39	48	57	65	61	65	64	59	50	42	47	.....	.....	168.8	54
March	.....	67	75	77	86	87	80	75	72	69	68	67	65	61	65	.....	273.1	74
April	.....	76	66	77	83	83	82	79	76	78	67	64	64	51	71	.....	286.5	72
May	90	86	82	88	89	87	78	80	74	75	69	56	49	42	52	83	321.1	72
June	93	91	82	86	88	86	86	82	83	81	80	84	87	80	81	100	377.8	85
July	91	88	90	94	93	95	95	92	87	84	94	96	95	91	79	80	410.6	91
August	.....	55	42	65	69	75	77	72	65	64	67	65	64	50	50	73	270.7	64
September	.....	91	79	98	99	99	97	96	92	91	95	94	90	80	82	.....	345.3	92
October	.....	100	70	62	76	83	77	79	78	79	76	82	80	76	.....	.....	265.6	77
November	.....	.....	89	81	77	88	87	83	86	82	74	74	71	.....	.....	.....	242.5	80
December	.....	.....	.....	65	60	76	79	75	75	75	69	53	64	.....	.....	.....	208.4	69
Sums	274	654	732	894	925	979	970	943	919	908	892	848	836	648	480	336	3,360.8	896
Percentage of possible	.....	.....	.....	74	77	82	81	79	77	76	74	71	70	.....	.....	.....	280.1	75

HARRISBURG, PA. (T.).

[Lat. 40° 16′ N.]

1901.	Percentage of sunshine recorded during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	22	26	34	45	48	48	48	42	37	31	12	.....	.....	116.0	39
February	.....	.....	39	38	49	62	64	74	71	74	67	53	42	41	.....	.....	174.3	58
March	.....	33	33	32	38	54	53	50	52	46	40	40	33	43	.....	.....	154.7	42
April	.....	39	33	34	35	41	43	43	47	46	42	37	35	27	30	.....	152.0	38
May	21	26	26	29	43	52	53	57	61	63	60	48	36	21	19	10	185.9	42
June	47	47	45	61	74	78	80	89	87	83	78	71	59	42	30	32	288.7	64
July	39	42	43	50	56	69	68	75	79	75	65	62	49	43	38	32	259.9	57
August	.....	40	39	45	58	71	72	75	76	70	73	67	66	43	35	43	253.9	60
September	.....	54	54	56	61	82	85	82	81	82	76	70	58	54	52	.....	259.4	69
October	.....	.....	41	41	58	79	80	85	86	84	74	57	50	51	.....	.....	230.9	67
November	.....	.....	33	27	33	40	47	42	40	37	37	41	40	.....	.....	.....	114.1	38
December	.....	.....	.....	32	35	41	48	53	56	37	31	37	29	.....	.....	.....	114.9	39
Sums	107	281	386	467	566	703	733	773	784	745	685	620	528	377	204	117	2,304.7	613
Percentage of possible	.....	.....	.....	39	47	59	61	64	65	62	57	52	44	.....	.....	.....	192.1	51

HELENA, MONT. (P.).

[Lat. 46° 34′ N.]

January	.....	.....	.....	15	23	46	42	50	52	59	53	33	29	0	.....	.....	118.3	42
February	.....	.....	12	24	43	55	56	60	62	71	68	57	51	41	.....	.....	157.1	54
March	.....	38	33	41	58	61	62	55	56	68	76	69	58	59	71	.....	216.5	58
April	45	46	49	58	58	62	64	60	65	65	67	63	53	46	46	57	235.2	58
May	23	34	42	49	52	62	68	66	65	62	58	48	49	42	42	37	238.5	51
June	20	33	42	47	58	68	58	51	45	55	60	50	45	46	47	47	229.9	48
July	89	95	94	93	96	94	95	85	84	79	88	81	71	67	70	67	403.8	84
August	44	49	57	65	76	82	87	84	85	82	78	72	66	67	65	78	319.1	73
September	.....	12	19	37	40	45	42	32	25	44	47	51	41	23	10	.....	136.1	36
October	.....	.....	78	70	78	81	77	71	75	76	71	65	69	72	.....	.....	246.6	73
November	.....	.....	24	23	31	58	73	73	67	52	56	37	23	.....	.....	.....	141.5	50
December	.....	.....	.....	10	19	39	35	20	41	45	48	31	29	.....	.....	.....	89.3	34
Sums	221	307	445	532	632	748	759	707	722	758	770	657	584	463	351	281	2,531.9	661
Percentage of possible	.....	.....	.....	44	53	62	63	59	60	63	64	55	49	.....	.....	.....	211.0	55

HURON, S. DAK. (T.).

[N. lat. 44° 21′.]

January	.....	.....	.....	58	58	57	61	65	70	68	57	46	45	33	.....	.....	170.8	59
February	.....	.....	42	63	62	66	72	76	85	89	71	61	61	62	.....	.....	205.8	70
March	.....	27	37	36	49	64	71	73	75	72	70	58	43	34	40	.....	211.0	57
April	67	60	45	52	68	82	85	80	81	76	74	66	63	53	56	0	272.9	67
May	76	74	71	76	80	89	90	88	88	82	81	76	72	69	71	79	361.6	79
June	40	41	39	56	65	69	70	75	81	78	73	67	58	53	53	55	283.7	61
July	63	66	65	73	77	85	88	87	91	94	90	93	88	88	77	74	384.1	82
August	67	68	66	73	84	88	91	91	90	91	88	78	81	67	57	51	344.3	79
September	.....	48	46	40	45	63	67	68	71	63	56	54	47	42	39	.....	205.3	55
October	.....	.....	57	56	61	67	69	69	71	68	58	55	46	37	.....	.....	207.9	61
November	.....	.....	36	37	36	64	80	84	83	82	70	61	52	.....	.....	.....	189.0	65
December	.....	.....	.....	23	29	38	48	65	71	66	51	37	31	.....	.....	.....	182.9	48
Sums	313	384	504	643	714	832	892	921	957	929	839	752	687	538	393	259	2,969.3	783
Percentage of possible	.....	.....	.....	54	60	69	74	77	80	77	70	63	57	.....	.....	.....	247.4	65

INDIANAPOLIS, IND. (T.).

[N. lat. 39° 46′.]

January	.....	.....	.....	34	32	30	33	41	47	46	46	37	39	29	.....	.....	116.0	39
February	.....	.....	55	44	40	45	52	52	51	50	48	48	51	55	.....	.....	146.0	49
March	.....	17	25	26	24	32	38	38	34	29	33	27	28	25	28	.....	111.0	30
April	.....	47	41	40	44	50	49	43	44	44	42	42	32	24	32	.....	163.7	41
May	48	55	53	48	54	58	58	52	58	59	60	51	44	40	33	40	228.5	51
June	56	57	57	59	71	76	84	84	81	83	73	66	58	47	46	43	297.6	66
July	78	74	65	78	92	94	97	99	100	100	97	94	78	79	80	75	396.3	87
August	0	69	67	58	59	63	75	82	94	88	77	69	61	42	37	57	286.7	67
September	.....	71	62	64	72	86	85	90	88	82	79	74	64	67	73	.....	284.1	76
October	.....	0	68	70	73	82	80	75	75	82	68	60	60	55	.....	.....	247.8	72
November	.....	.....	61	55	57	57	57	60	58	56	49	39	40	.....	.....	.....	160.2	58
December	.....	.....	.....	39	33	37	44	45	47	46	38	37	36	.....	.....	.....	117.9	40
Sums	182	390	554	615	651	705	752	761	777	765	710	644	591	463	329	215	2,555.8	671
Percentage of possible	.....	.....	.....	51	54	59	63	63	65	64	59	54	49	.....	.....	.....	213.0	56

ITHACA, N. Y. (T.).

[N. lat. 42° 27′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	12	17	20	34	48	61	52	45	25	17	15	.....	.....	100.5	34
February	.....	.....	28	22	33	76	90	93	93	92	78	59	36	22	.....	.....	191.9	65
March	.....	38	26	33	51	65	63	65	69	67	57	41	32	22	26	.....	182.7	49
April	0	30	33	46	58	63	68	67	63	66	64	61	49	34	32	.....	214.6	54
May	5	14	37	45	50	58	57	69	73	70	64	55	45	36	28	19	219.6	49
June	46	56	69	80	86	89	95	93	89	86	85	81	78	67	47	38	344.7	76
July	43	41	65	79	88	92	96	94	96	95	89	87	91	82	53	52	369.4	80
August	17	28	35	49	70	80	80	81	87	84	83	75	64	50	35	31	277.6	65
September	.....	36	43	60	70	75	78	79	89	90	83	74	63	49	49	.....	261.8	70
October	.....	.....	15	37	64	78	76	71	69	64	60	47	35	32	.....	.....	190.6	56
November	.....	.....	8	8	10	14	16	25	29	29	25	19	21	.....	.....	.....	55.6	19
December	.....	.....	.....	9	9	15	24	22	20	20	8	2	0	.....	.....	.....	38.7	14
Sums	111	242	359	475	606	720	777	807	838	815	741	626	531	409	270	140	2,447.7	631
Percentage of possible	.....	.....	.....	40	50	60	65	67	70	68	62	52	44	.....	.....	.....	204.0	53

JACKSONVILLE, FLA. (T.).

[N. lat. 30° 20′.]

January	.....	.....	33	30	43	59	60	71	65	66	60	50	44	53	.....	.....	177.4	55
February	.....	.....	64	54	52	59	64	71	67	66	60	45	37	32	.....	.....	174.0	56
March	.....	50	72	75	72	79	75	75	73	70	69	61	63	62	62	.....	262.2	70
April	.....	81	77	77	83	89	88	92	88	86	86	80	75	73	76	.....	319.3	82
May	0	53	60	70	76	83	85	86	78	77	73	71	57	45	41	.....	291.7	69
June	50	60	68	67	64	77	77	80	81	74	69	57	53	41	33	50	268.9	64
July	.....	51	58	57	78	89	90	88	80	82	81	59	43	30	25	9	278.6	65
August	.....	56	58	59	72	70	79	77	71	66	55	54	37	30	18	.....	238.9	58
September	.....	60	50	51	52	57	61	63	59	46	43	41	31	24	41	.....	179.6	48
October	.....	33	56	55	53	57	66	68	77	71	60	53	46	52	.....	.....	212.3	60
November	.....	.....	53	56	71	74	78	77	79	78	77	67	61	52	.....	.....	226.1	71
December	.....	.....	39	39	40	60	61	61	60	55	54	46	48	48	.....	.....	165.7	52
Sums	50	444	678	690	756	853	884	909	878	837	787	684	595	542	296	59	2,794.7	750
Percentage of possible	.....	.....	56	58	63	71	74	76	73	70	66	57	50	45	.....	.....	232.9	62

JUPITER, FLA. (T.).

[N. lat. 26° 57′.]

January	.....	.....	53	56	69	76	76	82	78	75	69	65	58	60	.....	.....	230.7	70
February	.....	.....	66	60	65	79	84	90	84	81	66	69	61	58	0	.....	227.9	72
March	.....	100	56	65	77	82	79	88	94	89	80	71	56	45	46	.....	273.2	73
April	.....	71	65	75	80	87	94	95	91	89	87	85	71	47	46	.....	304.1	79
May	.....	58	67	80	85	90	87	87	78	70	67	68	59	44	38	.....	295.6	71
June	.....	31	53	67	67	68	68	70	76	71	65	54	34	20	10	.....	225.1	54
July	.....	29	55	64	67	78	84	87	87	76	69	70	61	35	28	.....	272.6	64
August	.....	32	45	61	71	72	75	72	82	77	63	53	35	21	23	.....	234.9	56
September	.....	25	36	61	71	74	71	73	73	69	64	57	42	10	17	.....	212.8	58
October	.....	33	44	57	61	62	62	65	71	65	61	60	37	28	.....	.....	204.3	57
November	.....	.....	58	80	91	95	92	90	89	82	81	69	60	60	.....	.....	263.5	81
December	.....	.....	38	49	64	71	81	78	82	78	70	57	54	55	.....	.....	217.4	67
Sums	.....	379	636	775	868	934	953	977	985	917	842	778	628	483	208	.....	2,962.1	804
Percentage of possible	.....	.....	53	65	72	78	79	81	82	76	70	65	52	40	.....	.....	246.8	67

KALISPELL, MONT. (T.).

[N. lat. 48° 10′.]

January	.....	.....	.....	11	12	24	38	38	39	32	28	17	10	.....	.....	.....	72.4	26
February	.....	.....	8	24	34	42	55	68	75	66	60	51	30	20	.....	.....	142.4	50
March	.....	0	9	22	35	52	57	65	62	64	57	60	44	17	8	.....	167.8	45
April	7	23	37	61	76	82	79	83	75	78	76	73	59	47	18	20	256.2	62
May	17	18	32	47	49	56	64	72	71	69	68	61	61	54	35	24	241.7	51
June	15	22	35	42	49	54	61	65	61	61	60	49	38	31	31	19	207.6	43
July	72	76	84	90	93	93	94	95	97	92	91	89	84	86	81	73	421.5	87
August	40	45	56	76	81	85	84	86	87	87	87	84	72	60	41	39	322.6	73
September	.....	14	22	28	36	43	54	51	66	59	51	45	38	20	8	.....	155.7	41
October	.....	.....	56	59	79	85	82	76	78	73	74	67	56	56	.....	.....	240.4	72
November	.....	.....	0	10	21	30	44	41	35	33	25	4	1	.....	.....	.....	72.6	26
December	.....	.....	.....	16	21	29	34	46	45	34	21	16	10	.....	.....	.....	78.4	30
Sums	151	198	339	486	586	675	746	786	791	743	698	616	503	391	217	175	2,379.3	606
Percentage of possible	.....	.....	.....	40	49	56	62	66	66	62	58	51	42	.....	.....	.....	198.3	50

KANSAS CITY, MO. (P.).

[N. lat. 39° 05′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	59	61	67	75	80	77	72	71	63	65	70	.....	.....	210.3	69
February	.....	.....	57	57	62	66	68	62	61	63	58	46	44	49	.....	.....	175.7	58
March	.....	33	43	50	52	56	62	62	56	54	56	50	39	30	13	.....	187.8	51
April	.....	53	45	51	63	59	55	58	52	50	52	52	44	36	36	.....	201.2	51
May	58	48	55	60	64	67	61	58	57	58	58	67	68	63	54	64	266.1	60
June	56	57	64	71	72	80	87	89	93	91	89	92	82	73	63	57	343.7	77
July	74	62	76	83	85	88	89	86	86	87	83	80	77	66	58	64	356.1	79
August	.....	58	74	83	83	84	87	83	81	81	84	83	73	64	54	55	325.7	77
September	.....	48	59	59	64	67	73	74	71	71	73	69	64	51	55	.....	245.8	66
October	.....	00	32	44	63	68	73	73	72	77	80	73	61	55	.....	.....	226.3	65
November	.....	.....	67	61	60	69	76	77	74	71	66	55	60	.....	.....	.....	202.2	67
December	.....	.....	.....	26	35	44	46	44	45	48	46	35	26	.....	.....	.....	117.9	40
Sums	188	359	573	704	764	815	851	846	825	823	816	765	703	557	333	240	2,858.8	760
Percentage of possible	.....	.....	.....	59	64	68	71	70	69	69	68	64	59	.....	.....	.....	238.2	63

KNOXVILLE, TENN. (T.).

[N. lat. 35° 56′ N.]

January	.....	.....	.....	22	25	41	50	51	54	57	55	44	35	34	.....	.....	135.3	43
February	.....	.....	38	43	50	58	65	72	72	72	65	47	38	41	.....	.....	172.9	57
March	.....	27	28	27	35	50	52	54	58	61	56	56	47	39	28	.....	174.8	47
April	.....	40	37	39	45	49	49	52	50	49	46	44	37	38	40	.....	174.1	44
May	22	41	43	46	56	66	72	74	70	67	56	51	47	39	31	21	235.8	54
June	45	47	48	50	59	75	82	80	72	72	73	63	55	51	43	42	268.1	61
July	77	68	68	68	68	76	83	83	86	92	84	71	56	45	39	42	311.4	70
August	.....	27	22	29	46	61	67	66	64	68	61	55	39	25	18	50	197.3	47
September	.....	32	30	35	59	74	76	82	77	68	62	60	56	50	46	.....	222.9	60
October	.....	67	74	74	78	89	95	97	95	96	87	79	82	61	.....	.....	297.6	85
November	.....	.....	54	51	57	54	62	64	72	76	70	63	59	50	.....	.....	192.4	62
December	.....	.....	33	26	27	41	49	54	49	49	39	25	22	.....	.....	.....	116.9	39
Sums	144	349	475	510	605	734	802	829	819	827	754	658	573	473	245	155	2,499.5	669
Percentage of possible	.....	.....	.....	42	50	61	67	69	68	69	63	55	48	.....	.....	.....	208.3	56

LEXINGTON, KY. (T.).

[N. lat. 38° 02′.]

January	.....	.....	.....	13	24	42	46	43	55	50	47	42	25	18	.....	.....	120.0	39
February	.....	.....	24	21	45	58	63	58	62	59	49	44	30	19	.....	.....	141.5	47
March	.....	0	19	24	35	42	50	56	60	60	57	50	35	22	9	.....	157.5	42
April	.....	33	35	48	47	52	50	59	56	57	47	44	43	33	13	.....	179.6	45
May	21	26	51	67	76	82	81	77	80	76	66	61	62	54	19	7	273.4	62
June	20	36	60	72	83	87	85	93	97	95	81	78	77	69	42	28	322.3	73
July	27	51	82	90	99	100	100	98	100	97	96	93	90	78	53	34	385.0	86
August	.....	24	49	66	78	85	85	91	92	89	84	76	76	61	40	57	305.5	72
September	.....	38	43	64	72	79	88	86	88	90	92	84	70	52	28	.....	276.0	74
October	.....	0	56	72	85	88	93	91	90	90	87	84	76	75	.....	.....	288.4	83
November	.....	.....	34	29	51	65	73	71	74	74	69	64	52	0	.....	.....	187.0	62
December	.....	.....	0	3	18	38	54	56	52	47	31	19	10	.....	.....	.....	100.4	34
Sums	68	208	454	569	713	818	868	878	906	883	806	739	646	481	204	126	2,736.6	719
Percentage of possible	.....	.....	.....	47	59	68	72	73	76	74	67	62	54	.....	.....	.....	228.0	60

LITTLE ROCK, ARK. (T.).

[N. lat. 34° 45′.]

January	.....	.....	0	45	52	61	66	64	70	69	68	58	51	55	.....	.....	189.9	60
February	.....	.....	25	21	46	56	60	66	68	66	59	44	33	29	.....	.....	152.7	50
March	.....	30	54	60	67	69	71	77	76	77	81	74	61	43	45	.....	250.6	67
April	.....	54	48	59	72	77	79	80	81	68	70	67	56	47	48	.....	257.6	66
May	22	31	36	59	67	78	82	80	82	74	74	70	67	44	23	12	268.7	62
June	61	61	77	89	90	93	94	93	96	93	81	83	79	68	60	58	355.3	82
July	43	49	56	72	84	85	89	91	91	84	80	69	62	53	43	46	316.1	72
August	.....	32	29	40	65	69	82	79	80	79	79	78	65	47	40	100	261.7	63
September	.....	33	48	51	73	82	80	86	85	82	79	80	66	44	21	.....	268.9	70
October	.....	67	72	73	73	76	78	74	80	77	73	73	64	60	.....	.....	257.1	73
November	.....	.....	43	52	66	71	74	71	70	73	72	39	29	.....	.....	.....	189.5	61
December	.....	.....	0	34	39	51	53	58	59	59	53	48	43	.....	.....	.....	151.8	50
Sums	126	357	483	655	794	868	908	919	939	901	869	783	676	490	280	216	2,909.9	776
Percentage of possible	.....	.....	40	55	66	72	76	77	78	75	72	65	56	.....	.....	.....	242.5	65

LOS ANGELES, CAL. (P.).

[N. lat. 34° 03′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	0	51	64	63	64	64	68	68	65	53	47	41	.....	.....	190.3	60
February	.....	.....	57	58	61	65	68	71	76	69	75	71	58	56	.....	.....	203.7	66
March	.....	60	58	66	78	87	91	93	88	94	92	86	84	73	62	.....	307.7	83
April	.....	37	44	51	48	54	71	79	78	36	86	94	87	80	71	.....	274.3	70
May	41	25	26	26	30	31	39	47	55	63	71	79	81	59	40	25	208.2	48
June	22	23	24	29	38	55	67	77	83	88	90	89	89	83	59	53	272.5	63
July	58	44	49	58	70	79	84	91	94	95	94	94	94	93	84	91	353.4	80
August	.....	42	53	67	73	78	94	99	98	96	93	91	94	87	75	0	343.4	83
September	.....	17	23	29	29	48	71	80	87	93	94	96	96	88	81	.....	257.4	69
October	.....	67	40	46	55	68	74	77	88	95	91	88	78	76	.....	.....	257.1	78
November	.....	.....	27	29	55	66	75	82	86	87	86	89	80	67	.....	.....	223.1	71
December	.....	.....	67	74	85	89	92	94	90	88	84	76	70	.....	.....	.....	259.8	84
Sums	121	315	468	584	686	783	890	954	991	1,022	1,021	1,006	958	803	472	169	3,150.9	850
Percentage of possible	.....	.....	39	49	57	65	74	80	83	85	85	84	70	.....	.....	.....	262.6	71

LOUISVILLE, KY. (T.).

[N. lat. 38° 15′.]

January	.....	.....	.....	22	21	28	45	48	51	54	45	43	42	33	.....	.....	123.1	40
February	.....	.....	57	46	50	57	57	63	61	56	51	44	44	42	.....	.....	158.8	53
March	.....	0	32	32	39	47	53	63	55	55	54	46	34	30	17	.....	166.8	45
April	.....	41	37	36	35	43	46	35	37	36	38	37	29	29	39	.....	145.4	37
May	40	45	45	48	50	54	55	58	58	53	51	55	50	46	45	25	223.7	51
June	53	53	50	47	55	64	66	71	81	70	74	74	59	54	53	50	273.0	62
July	78	81	81	81	87	92	89	87	88	87	83	76	73	75	80	78	371.7	83
August	.....	47	46	50	62	73	78	84	79	84	71	71	67	50	48	71	275.7	65
September	.....	61	57	59	67	73	82	87	83	84	82	74	74	73	68	.....	276.5	74
October	.....	50	76	76	78	83	88	92	90	86	86	78	71	66	.....	.....	283.9	82
November	.....	.....	56	57	65	73	76	74	72	73	73	80	77	0	.....	.....	217.3	71
December	.....	.....	.....	33	42	50	55	54	61	51	43	35	37	.....	.....	.....	138.0	47
Sums	171	378	587	587	651	737	790	816	816	789	751	713	657	498	350	224	2,653.9	710
Percentage of possible	.....	.....	.....	49	54	61	66	68	68	66	63	59	55	.....	.....	.....	221.2	59

MACON, GA. (T.).

[N. lat. 32° 50′.]

January	.....	.....	50	33	45	55	59	63	71	72	68	67	62	65	.....	.....	189.9	60
February	.....	.....	42	40	54	64	74	81	81	78	68	60	54	47	.....	.....	195.9	64
March	.....	22	37	42	53	61	68	69	70	70	62	61	55	43	32	.....	213.8	57
April	.....	72	67	68	65	72	71	72	70	65	63	64	51	46	45	.....	249.7	64
May	20	54	66	76	86	85	90	87	87	89	89	70	52	45	39	0	313.6	73
June	42	43	62	71	80	85	86	87	82	86	79	75	69	51	37	28	301.5	70
July	57	58	67	77	83	94	95	96	87	83	81	75	67	51	37	41	327.0	75
August	.....	30	41	52	68	77	88	91	82	82	80	68	60	45	33	.....	271.9	66
September	.....	60	48	59	72	73	76	78	80	76	79	63	59	42	60	.....	249.4	67
October	.....	67	78	83	81	85	84	84	86	89	91	85	68	63	.....	.....	289.1	82
November	.....	.....	44	47	52	63	66	72	72	74	65	47	43	38	.....	.....	186.4	59
December	.....	.....	48	45	45	48	47	50	50	46	31	26	26	33	.....	.....	129.3	42
Sums	119	406	660	693	784	862	904	930	918	910	856	761	666	569	283	69	2,917.5	779
Percentage of possible	.....	.....	54	58	65	72	75	78	76	76	71	63	56	47	.....	.....	243.1	65

MERIDIAN, MISS. (T.).

[N. lat. 32° 21′.]

January	.....	.....	50	29	32	46	58	60	64	63	60	52	52	58	.....	.....	165.8	52
February	.....	.....	23	20	27	45	50	53	53	53	52	43	28	35	.....	.....	126.3	41
March	.....	56	58	58	57	67	78	80	81	77	75	67	58	61	52	.....	252.9	68
April	.....	53	47	51	62	69	75	75	72	68	64	60	52	50	53	.....	239.3	61
May	62	61	60	60	78	87	87	86	86	83	77	75	54	50	49	.....	304.7	71
June	67	70	70	68	80	89	90	91	82	80	79	66	64	51	50	48	312.0	73
July	67	62	60	65	86	89	98	88	89	82	73	65	57	45	42	50	309.3	71
August	.....	49	52	54	57	65	77	77	72	75	65	50	54	44	43	.....	248.7	60
September	.....	45	47	50	69	79	86	83	78	84	64	57	53	40	45	.....	236.3	64
October	.....	40	73	72	77	83	87	91	87	85	88	76	71	69	.....	.....	283.8	80
November	.....	.....	46	50	54	68	80	76	78	71	72	63	56	50	.....	.....	206.4	65
December	.....	.....	15	29	28	34	45	49	49	50	43	32	29	38	.....	.....	120.3	38
Sums	196	436	601	606	707	821	906	909	886	851	812	706	628	586	334	98	2,807.8	744
Percentage of possible	.....	.....	50	50	59	68	76	76	74	71	68	59	52	49	.....	.....	234.0	62

MOUNT TAMALPAIS, CAL. (P.).

[N. lat. 37° 56′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	46	52	54	55	48	46	58	56	55	50	69	.....	.....	159.3	52
February	.....	.....	46	45	55	54	49	44	55	54	55	49	38	38	.....	.....	148.3	49
March	.....	75	63	72	77	77	82	79	92	94	93	82	82	73	72	.....	299.8	81
April	.....	67	78	82	80	80	79	77	77	81	81	82	79	76	75	.....	311.7	79
May	71	74	80	79	80	80	80	81	89	85	91	90	86	78	72	61	360.5	82
June	88	85	95	97	99	98	99	98	98	97	100	100	99	96	95	90	426.6	96
July	100	94	94	94	94	94	94	97	96	97	98	98	97	94	90	93	246.0	95
August	.....	75	80	81	81	89	88	92	92	92	91	91	90	91	94	100	370.9	88
September	.....	80	72	74	76	76	76	81	83	78	81	80	82	84	100	.....	294.8	79
October	.....	0	70	73	80	79	85	77	84	77	81	75	75	81	.....	.....	271.1	73
November	.....	.....	45	31	40	47	43	47	40	47	52	57	61	.....	.....	.....	140.5	46
December	.....	.....	0	65	66	77	74	69	77	81	75	75	74	.....	.....	.....	217.9	73
Sums	254	550	723	839	880	905	904	887	930	935	953	934	913	780	598	344	3,247.4	898
Percentage of possible	.....	.....	.....	70	73	75	75	74	78	78	79	78	76	.....	.....	.....	270.6	75

NASHVILLE, TENN. (T.).

[N. lat. 36° 10′.]

January	.....	.....	.....	32	34	47	57	67	70	67	64	58	55	54	.....	.....	172.5	55
February	.....	.....	38	33	36	48	56	64	65	66	52	44	39	39	.....	.....	150.7	49
March	.....	27	45	48	53	64	75	72	70	64	60	51	45	34	23	.....	209.1	56
April	.....	50	45	55	59	60	62	62	70	65	59	59	54	40	42	.....	222.6	57
May	33	51	52	63	65	67	76	74	79	81	79	74	62	51	40	14	283.8	65
June	40	40	44	64	76	81	86	87	86	86	82	70	69	60	47	46	300.6	69
July	74	72	74	82	91	95	93	87	85	81	77	73	71	62	34	33	337.8	76
August	.....	28	26	31	37	48	52	55	55	59	61	54	52	28	14	50	182.5	44
September	.....	39	35	48	60	76	78	81	83	78	74	66	58	40	25	.....	237.4	64
October	.....	33	14	22	62	89	87	89	95	94	90	85	60	50	.....	.....	249.2	71
November	.....	.....	22	23	39	57	67	77	77	76	71	56	42	0	.....	.....	176.0	57
December	.....	.....	0	3	6	22	27	30	38	38	26	20	17	.....	.....	.....	69.6	23
Sums	147	340	395	504	618	754	816	845	873	855	795	710	624	458	225	143	2,591.8	686
Percentage of possible	.....	.....	.....	42	52	63	68	70	73	71	66	59	52	.....	.....	.....	216.0	57

NEW HAVEN, CONN. (T.).

[N. lat. 41° 18′.]

January	.....	.....	.....	36	45	49	66	68	71	72	59	47	37	24	.....	.....	166.0	56
February	.....	.....	50	68	78	92	93	93	94	94	91	81	65	55	.....	.....	247.8	83
March	.....	58	39	40	54	72	74	72	73	70	72	56	44	29	33	.....	214.6	58
April	0	31	31	39	48	52	55	64	61	61	60	51	42	25	25	.....	187.9	47
May	7	15	16	33	38	45	51	56	61	61	49	47	44	26	13	2	178.4	39
June	60	60	68	74	78	79	80	87	91	88	84	80	74	60	34	34	326.4	72
July	21	24	30	50	66	74	73	82	85	88	77	68	58	46	39	35	273.8	60
August	100	32	33	47	65	73	72	75	80	80	82	65	52	53	19	30	249.3	58
September	.....	41	49	58	68	74	77	78	80	78	76	69	61	47	55	.....	251.1	67
October	.....	0	35	49	67	77	84	85	80	77	73	65	35	10	.....	.....	224.0	65
November	.....	.....	32	30	47	58	58	57	58	49	43	37	16	.....	.....	.....	136.3	46
December	.....	.....	.....	30	39	51	53	62	64	64	55	32	20	.....	.....	.....	140.0	49
Sums	188	261	383	554	693	796	896	879	898	882	821	698	548	375	218	101	2,590.6	700
Percentage of possible	.....	.....	.....	46	58	66	70	73	75	74	68	58	46	.....	.....	.....	216.9	58

NEW ORLEANS, LA. (T.).

[N. lat. 29° 58′.]

January	.....	.....	33	32	38	58	64	61	62	64	58	52	59	62	.....	.....	178.2	55
February	.....	.....	43	32	38	45	52	58	63	52	49	46	37	38	.....	.....	144.9	46
March	.....	25	56	57	62	66	75	78	80	80	75	69	61	58	51	.....	253.1	68
April	.....	69	60	57	66	72	79	77	84	78	77	73	64	53	56	.....	269.2	69
May	0	37	38	49	72	83	83	88	87	88	88	78	69	56	49	.....	295.2	70
June	33	30	30	38	67	70	72	78	71	66	62	57	34	19	20	0	214.2	51
July	.....	36	37	36	49	55	62	66	55	45	43	35	35	24	23	27	185.5	43
August	.....	56	55	43	23	37	44	49	49	43	41	35	28	14	15	.....	155.2	38
September	.....	63	67	73	80	77	75	82	73	69	66	59	50	34	17	.....	246.2	66
October	.....	50	47	51	73	80	85	88	90	87	88	85	72	70	.....	.....	271.9	77
November	.....	.....	3	4	32	65	79	72	79	75	71	54	40	36	.....	.....	172.6	54
December	.....	.....	7	14	25	42	52	61	64	63	49	35	33	43	.....	.....	136.9	43
Sums	33	366	476	486	625	750	822	858	867	810	767	678	582	507	231	27	2,523.1	680
Percentage of possible	.....	.....	40	40	52	62	68	72	71	68	64	56	48	42	.....	.....	210.3	57

NEW YORK, N. Y. (T.).

[N. lat. 40° 43′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	32	35	50	61	67	75	77	74	57	40	29	.....	.....	172.4	58
February	.....	.....	44	57	69	82	91	92	90	90	85	79	69	52	.....	.....	234.4	79
March	.....	50	33	37	44	50	53	58	60	61	58	49	42	37	57	.....	182.7	49
April	0	29	29	34	40	45	49	45	48	50	52	35	29	26	22	.....	154.9	39
May	19	27	35	43	48	50	57	59	57	60	59	55	53	46	37	12	215.4	48
June	60	61	66	69	81	82	86	88	92	88	88	85	79	75	68	58	347.6	77
July	25	27	32	41	44	55	66	68	78	74	67	59	51	43	32	30	234.7	51
August	50	43	45	50	62	66	73	71	71	68	68	65	56	48	37	45	252.2	59
September	.....	48	58	51	63	70	71	78	71	75	70	63	58	47	43	.....	237.5	64
October	.....	0	60	57	64	80	80	83	86	75	65	63	53	33	.....	.....	236.1	69
November	.....	.....	35	40	43	54	57	55	53	52	44	41	41	.....	.....	.....	142.6	48
December	.....	.....	.....	36	47	56	69	67	68	64	48	26	29	.....	.....	.....	151.0	52
Sums	154	285	437	547	640	740	813	831	849	834	773	677	600	436	291	145	2,561.5	693
Percentage of possible	.....	.....	.....	46	53	62	68	69	71	70	64	56	50	.....	.....	.....	213.5	58

NORTHFIELD, VT. (P.).

[N. lat. 44° 10′.]

January	.....	.....	.....	31	32	39	50	54	51	51	45	32	22	33	.....	.....	120.3	42
February	.....	.....	46	40	52	54	59	58	49	49	50	44	30	23	.....	.....	139.0	47
March	.....	0	19	27	35	46	47	46	33	27	30	21	12	8	8	.....	108.0	29
April	33	27	27	31	34	41	48	45	41	47	38	35	36	30	29	0	148.0	37
May	21	27	34	37	45	49	48	48	40	46	45	46	43	41	22	9	180.8	39
June	23	30	43	56	64	62	55	59	61	63	76	71	63	53	40	40	253.0	55
July	21	20	41	54	58	58	55	49	48	46	50	50	41	30	16	17	197.6	42
August	20	19	25	33	48	55	54	46	46	46	49	51	44	31	14	8	173.6	40
September	.....	23	23	49	58	60	61	59	50	49	49	49	41	25	24	.....	175.8	48
October	.....	0	29	33	36	55	54	52	37	50	46	41	29	20	.....	.....	142.1	42
November	.....	.....	25	10	11	12	21	21	13	32	29	18	12	.....	.....	.....	53.4	18
December	.....	.....	.....	31	31	37	45	42	22	31	28	14	9	.....	.....	.....	88.6	30
Sums	118	146	312	432	504	568	597	579	491	537	535	472	382	294	153	74	1,775.2	469
Percentage of possible	.....	.....	.....	36	42	47	50	48	41	45	45	39	32	.....	.....	.....	147.9	39

OKLAHOMA, OKLA. (T.).

[N. lat. 35° 26′.]

January	.....	.....	0	51	55	65	65	71	72	74	64	58	50	44	.....	.....	195.2	62
February	.....	.....	44	35	42	57	60	58	51	54	51	48	40	36	.....	.....	148.4	49
March	.....	30	46	56	67	82	84	83	85	83	83	80	74	61	57	.....	274.1	74
April	.....	32	43	55	62	67	71	73	80	83	85	74	67	50	40	.....	255.0	65
May	44	48	47	63	69	78	75	73	75	76	72	70	56	45	45	75	277.3	64
June	66	67	72	82	96	97	100	100	100	99	96	92	88	83	62	58	379.4	87
July	71	56	69	79	84	91	90	95	98	93	92	85	77	72	58	61	358.3	81
August	.....	55	58	68	71	79	88	90	89	94	87	85	77	63	48	100	317.4	76
September	.....	26	34	55	57	72	77	79	78	85	77	74	62	44	8	.....	239.5	64
October	.....	.....	49	58	70	74	80	83	81	80	79	63	45	43	.....	.....	238.6	68
November	.....	.....	11	18	38	58	69	74	74	76	67	45	33	0	.....	.....	165.9	53
December	.....	.....	0	32	42	53	61	66	67	60	53	52	50	.....	.....	.....	163.2	53
Sums	181	314	473	652	753	873	920	945	950	957	906	826	719	541	318	294	3,013.3	796
Percentage of possible	.....	.....	39	54	63	73	77	79	79	80	76	69	60	.....	.....	.....	251.1	66

OMAHA, NEBR. (T.).

[N. lat. 41° 16′.]

January	.....	.....	.....	59	65	65	65	75	79	71	67	62	60	71	.....	.....	290.4	67
February	.....	.....	65	55	59	69	75	82	84	87	76	58	51	53	.....	.....	204.9	69
March	.....	17	33	35	52	59	67	64	60	65	63	60	47	37	20	.....	198.4	53
April	0	57	53	57	62	70	79	76	77	76	73	71	68	59	56	.....	268.5	67
May	57	55	61	72	84	86	86	86	84	76	76	71	68	50	49	64	320.3	71
June	46	51	62	77	81	84	86	86	94	95	93	90	83	72	55	45	347.1	77
July	55	56	77	88	94	95	97	99	100	98	95	92	86	80	62	56	391.9	85
August	100	53	53	68	82	79	85	83	85	84	86	74	79	54	53	60	312.2	73
September	.....	43	45	45	48	58	57	65	65	64	69	66	47	41	45	.....	297.1	55
October	.....	0	51	56	62	62	65	68	69	75	64	59	55	45	.....	.....	213.5	62
November	.....	.....	67	57	63	71	74	75	77	71	66	62	67	.....	.....	.....	202.9	68
December	.....	.....	.....	23	28	32	47	60	55	47	43	43	43	.....	.....	.....	122.5	43
Sums	258	332	567	692	780	830	883	919	929	909	871	808	754	562	340	225	2,989.7	790
Percentage of possible	.....	.....	.....	58	65	69	74	77	77	76	73	67	63	.....	.....	.....	249.1	66

PARKERSBURG, W. VA. (T.).

[N. lat. 39° 16′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	15	16	22	27	34	28	25	28	25	22	10	.....	.....	73.3	24
February	.....	.....	36	22	22	31	32	36	36	36	29	20	14	15	.....	.....	82.0	27
March	.....	17	13	14	26	34	35	43	48	45	44	34	34	28	22	.....	123.9	33
April	.....	18	19	37	44	47	51	53	52	50	45	43	40	33	22	.....	166.2	40
May	4	10	15	49	60	66	72	76	72	69	63	59	55	33	19	11	222.7	50
June	30	30	36	62	73	83	90	90	85	88	88	77	62	45	32	30	290.3	65
July	26	23	23	33	55	64	76	73	78	81	71	77	68	48	21	17	249.0	55
August	.....	19	21	38	52	72	77	78	78	75	66	62	50	40	30	36	233.0	55
September	.....	14	20	23	35	52	59	64	63	63	59	59	48	31	18	.....	174.9	47
October	.....	0	47	46	78	80	89	85	84	78	76	74	53	42	.....	.....	247.4	72
November	.....	.....	5	3	15	25	44	50	45	49	43	36	28	.....	.....	.....	100.1	33
December	.....	.....	.....	10	10	22	47	45	40	33	22	20	20	.....	.....	.....	81.1	28
Sums	60	181	235	352	486	598	698	727	709	690	634	586	494	325	164	94	2,043.9	529
Percentage of possible	.....	.....	.....	29	40	50	58	61	59	58	53	49	41	.....	.....	.....	170.3	44

PHOENIX, ARIZ. (P.).

[N. lat. 33° 28′.]

January	.....	.....	50	51	58	68	68	69	65	68	69	67	51	41	.....	.....	200.2	63
February	.....	.....	69	58	60	70	67	67	71	70	71	59	63	49	.....	.....	199.5	65
March	.....	78	75	78	88	88	91	88	84	81	79	80	75	59	49	.....	298.4	80
April	.....	74	76	86	88	88	90	92	88	85	88	89	85	72	70	.....	329.9	84
May	80	80	88	90	90	91	94	94	92	88	83	86	79	72	68	100	367.8	85
June	89	90	92	94	97	98	97	97	100	99	99	92	91	90	90	91	405.5	95
July	71	63	64	68	75	78	78	86	95	97	92	94	90	73	68	75	350.0	80
August	.....	57	65	72	75	79	85	85	87	87	92	90	93	84	72	.....	335.5	81
September	.....	80	81	91	98	99	95	95	96	97	96	99	97	95	100	.....	352.4	95
October	.....	100	66	73	82	82	88	85	89	89	84	85	86	88	.....	.....	291.9	83
November	.....	.....	68	71	78	86	87	74	81	84	85	74	59	75	.....	.....	243.2	77
December	.....	.....	64	77	85	93	92	79	93	95	92	85	79	100	.....	.....	270.1	87
Sums	240	622	853	909	974	1,023	1,032	1,011	1,041	1,040	1,030	1,000	948	898	517	266	3,644.4	975
Percentage of possible	.....	.....	71	76	81	85	86	84	87	87	86	83	79	75	.....	.....	303.7	81

PHILADELPHIA, PA. (T.).

[N. lat. 39° 57′.]

January	.....	.....	.....	35	40	58	62	66	67	64	62	55	46	46	.....	.....	169.4	56
February	.....	.....	55	59	66	76	85	88	85	86	81	69	60	61	.....	.....	222.8	74
March	.....	33	30	34	38	50	55	60	59	57	48	40	36	30	33	.....	166.4	45
April	.....	34	39	36	32	41	42	48	46	39	36	34	29	22	25	.....	144.4	36
May	18	26	29	39	45	52	55	57	66	67	58	58	50	37	27	8	208.7	47
June	29	31	34	54	65	78	84	82	83	78	82	74	58	41	30	28	270.7	60
July	18	19	21	36	58	61	66	64	65	62	61	59	39	30	13	12	205.3	45
August	0	33	35	44	54	54	68	73	69	67	71	62	52	40	36	50	231.8	55
September	.....	46	47	53	52	60	71	77	76	65	63	57	49	40	36	.....	218.6	59
October	.....	100	55	55	56	72	83	85	82	80	77	68	56	46	.....	.....	239.8	70
November	.....	.....	46	40	41	44	51	57	55	51	41	35	34	.....	.....	.....	135.7	45
December	.....	.....	.....	27	26	35	45	53	55	48	40	33	26	.....	.....	.....	115.0	39
Sums	65	322	391	512	573	681	764	810	808	764	720	644	535	393	200	98	2,328.6	631
Percentage of possible	.....	.....	.....	43	48	57	64	68	67	64	60	54	45	.....	.....	.....	194.0	53

PITTSBURG, PA. (T.).

[N. lat. 40° 32′.]

January	.....	.....	.....	18	19	14	17	24	25	26	22	19	18	6	.....	.....	60.5	20
February	.....	.....	15	10	11	19	23	41	35	25	20	12	11	13	.....	.....	60.4	20
March	.....	0	12	18	19	32	37	40	38	39	41	33	32	30	50	.....	114.9	31
April	0	33	27	27	27	33	37	43	44	43	36	32	31	33	37	.....	137.6	34
May	18	26	26	27	30	54	60	64	59	52	49	40	27	20	19	5	173.3	39
June	49	50	50	52	57	57	62	77	75	77	70	58	42	32	27	26	247.9	55
July	39	42	38	39	50	56	63	69	68	75	69	54	47	37	29	30	235.7	51
August	30	40	39	46	51	51	55	64	63	53	45	34	22	18	26	30	185.7	43
September	.....	41	43	44	44	43	47	49	57	47	45	42	35	56	50	.....	172.0	46
October	.....	0	42	40	51	69	81	80	78	71	64	61	66	71	.....	.....	221.1	64
November	.....	.....	27	17	17	22	22	27	29	23	23	23	27	.....	.....	.....	68.9	23
December	.....	.....	.....	22	19	22	25	35	37	33	25	29	30	.....	.....	.....	79.7	28
Sums	156	232	317	355	396	471	529	613	608	564	509	437	387	316	238	91	1,757.7	454
Percentage of possible	.....	.....	.....	30	33	39	44	51	51	47	42	36	32	.....	.....	.....	146.5	38

POCATELLO, IDAHO (T.).

[N. lat. 42° 52′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	29	27	39	40	50	47	48	48	35	27	44	.....	.....	116.4	40
February	.....	.....	12	24	28	47	55	61	59	65	57	40	29	23	.....	.....	133.7	45
March	.....	21	43	47	52	61	72	75	75	77	72	60	45	37	21	.....	219.9	59
April	100	40	40	48	66	79	86	90	87	83	76	61	54	49	50	.....	264.4	65
May	52	55	65	69	76	81	80	89	84	84	75	63	63	42	33	30	306.1	67
June	47	47	59	75	77	85	88	89	86	80	78	69	61	50	41	41	313.7	68
July	71	72	72	82	91	95	94	93	92	92	93	91	82	80	78	77	397.0	85
August	44	56	57	62	78	90	88	82	73	76	69	69	62	53	44	41	292.2	68
September	.....	63	58	62	67	79	82	88	82	74	76	77	73	66	68	.....	273.3	73
October	.....	.....	0	65	66	66	74	83	79	79	71	67	64	55	.....	.....	244.6	72
November	.....	.....	72	55	54	63	72	82	79	74	66	47	40	.....	.....	.....	187.6	64
December	.....	.....	.....	31	36	51	64	64	56	46	42	30	30	.....	.....	.....	130.6	47
Sums	314	354	478	649	717	826	895	941	899	878	823	709	630	499	335	189	2,879.5	754
Percentage of possible	.....	.....	.....	54	60	69	75	78	75	73	69	59	52	.....	.....	.....	240.0	63

PORTLAND, ME. (T.).

[N. lat. 43° 39′.]

January	.....	.....	.....	29	40	57	64	68	72	67	62	49	39	33	.....	.....	163.1	56
February	.....	.....	46	41	59	75	91	93	92	84	78	61	48	24	.....	.....	205.6	70
March	.....	13	29	39	51	61	69	66	67	73	64	64	37	16	10	.....	196.0	53
April	67	20	22	29	31	35	43	48	52	46	45	43	33	28	22	0	145.5	36
May	3	6	29	45	49	56	65	68	66	61	57	51	52	44	28	22	212.9	46
June	31	46	65	71	75	77	80	79	84	85	82	76	79	75	62	45	327.0	71
July	15	31	51	70	84	84	85	89	88	91	90	82	69	59	41	28	322.2	69
August	40	31	51	59	69	82	88	91	92	85	85	80	61	46	30	23	294.2	68
September	.....	37	51	70	80	88	90	89	86	80	77	76	69	48	21	.....	275.0	73
October	.....	0	14	39	61	63	74	81	84	77	68	66	37	23	.....	.....	205.9	60
November	.....	.....	33	30	41	50	71	74	71	62	49	30	26	.....	.....	.....	149.2	52
December	.....	.....	.....	34	44	62	63	63	62	56	48	27	21	.....	.....	.....	140.1	50
Sums	156	184	391	556	684	790	883	909	916	867	805	705	571	396	214	118	2,636.7	704
Percentage of possible	.....	.....	.....	46	57	66	74	76	76	72	67	59	48	.....	.....	.....	219.7	59

PORTLAND, OREG. (T.).

[N. lat. 45° 32′.]

January	.....	.....	.....	8	6	8	22	29	33	34	29	24	28	100	.....	.....	64.8	23
February	.....	.....	0	8	12	36	45	49	46	41	38	25	20	13	.....	.....	90.6	31
March	.....	0	10	18	28	39	49	55	62	48	48	43	32	22	22	.....	141.2	38
April	12	25	26	35	47	54	66	63	71	74	68	61	48	36	35	25	208.1	51
May	9	10	15	24	37	58	66	66	74	78	72	58	47	33	36	38	214.1	46
June	17	16	18	23	30	46	60	66	67	61	59	52	44	34	20	18	187.6	40
July	34	36	48	53	65	73	82	88	85	85	86	79	68	58	52	45	314.4	66
August	77	39	36	47	70	77	78	86	92	93	89	88	82	64	63	93	316.4	72
September	.....	23	24	36	49	43	55	63	61	59	55	56	48	36	42	.....	180.4	48
October	.....	.....	18	19	30	37	50	59	61	63	56	47	29	33	.....	.....	146.3	43
November	.....	.....	0	0	0	4	20	35	30	17	14	4	4	.....	.....	.....	37.8	13
December	.....	.....	.....	5	6	11	14	12	11	14	14	20	22	.....	.....	.....	34.5	13
Sums	149	149	195	276	380	486	607	671	693	662	628	557	472	429	270	219	1,936.2	484
Percentage of possible	.....	.....	.....	23	32	40	51	56	58	55	52	46	39	.....	.....	.....	161.4	40

PUEBLO, COLO. (T.).

[N. lat. 38° 18′.]

January	.....	.....	.....	58	63	81	96	98	97	95	90	85	77	72	.....	.....	258.4	84
February	.....	.....	59	50	57	80	85	92	87	86	88	77	52	41	.....	.....	219.5	78
March	.....	58	61	64	73	85	85	83	82	77	76	64	52	39	26	.....	258.7	70
April	.....	58	58	65	71	74	90	83	85	87	77	67	51	43	43	.....	270.6	68
May	52	54	65	69	71	77	86	83	85	79	78	65	47	26	15	11	281.1	64
June	74	71	75	87	95	92	93	93	98	93	92	85	78	67	57	57	367.9	83
July	89	87	90	91	98	100	100	100	99	95	89	84	67	48	35	39	374.3	83
August	.....	72	69	78	88	91	97	94	86	77	68	50	33	34	34	43	294.4	70
September	.....	76	78	76	89	92	94	91	89	88	81	70	65	59	64	.....	303.7	81
October	.....	100	68	71	83	86	92	94	91	87	85	70	53	49	.....	.....	274.2	79
November	.....	.....	57	60	70	82	94	97	91	89	68	59	64	.....	.....	.....	234.1	77
December	.....	.....	0	69	66	66	67	71	75	74	58	44	49	.....	.....	.....	190.8	64
Sums	215	576	680	838	924	1,006	1,069	1,079	1,065	1,027	939	820	688	483	274	150	3,327.7	896
Percentage of possible	.....	.....	.....	70	77	84	89	90	89	86	78	68	57	.....	.....	.....	277.3	75

RALEIGH, N. C. (T.).

[N. lat. 35° 45′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	38	43	50	59	58	57	62	54	45	28	20	.....	.....	152.6	49
February	.....	.....	60	58	61	71	73	75	78	78	77	72	54	49	.....	.....	207.7	68
March	.....	45	40	46	55	60	76	69	73	74	71	61	59	52	43	.....	228.5	61
April	.....	65	59	63	64	69	69	68	65	62	59	56	49	40	36	.....	233.7	59
May	28	44	45	43	46	63	64	67	73	69	64	54	45	30	16	14	224.6	51
June	36	37	40	44	61	68	67	66	71	71	69	60	51	41	34	28	239.4	55
July	48	44	42	52	62	69	75	85	88	80	68	63	68	52	47	49	278.6	63
August	.....	30	31	34	53	63	70	67	71	61	67	54	37	23	18	0	206.6	49
September	.....	62	57	51	73	78	85	84	84	80	72	68	65	53	54	.....	282.0	70
October	.....	67	66	66	70	72	82	91	96	94	86	82	78	80	.....	.....	280.6	80
November	.....	.....	61	63	69	80	78	76	70	73	71	64	66	100	.....	.....	218.1	71
December	.....	.....	67	47	48	54	63	68	68	68	61	52	52	.....	.....	.....	176.4	58
Sums	112	394	568	605	705	797	860	874	894	872	814	731	647	540	248	91	2,708.8	734
Percentage of possible.	.....	.....	.....	50	59	66	72	73	74	73	68	61	54	.....	.....	.....	225.7	61

ROCHESTER, N. Y. (T.).

[N. lat. 43° 8′.]

January	.....	.....	.....	8	5	6	12	22	16	15	16	7	11	0	.....	.....	35.2	12
February	.....	.....	27	21	19	25	38	45	43	38	26	17	13	17	.....	.....	83.1	28
March	.....	36	25	26	30	44	45	38	42	34	32	27	17	19	23	.....	116.8	31
April	100	29	31	38	53	59	64	61	63	60	58	48	42	39	34	.....	198.1	49
May	16	21	32	39	44	54	61	55	64	60	47	42	36	27	20	5	189.1	42
June	33	40	51	63	74	78	72	71	86	85	81	82	78	67	39	25	300.2	65
July	16	22	40	54	73	72	77	78	80	75	81	74	71	52	22	13	274.7	59
August	44	26	31	46	59	65	68	69	67	65	61	62	51	41	35	44	230.7	53
September	.....	50	52	60	76	79	82	90	92	95	83	71	63	49	43	.....	274.8	73
October	0	34	45	60	74	72	72	78	73	74	68	64	43	25	.....	.....	211.6	62
November	.....	.....	26	15	23	29	40	37	36	36	29	24	29	.....	.....	.....	87.4	30
December	.....	.....	.....	20	11	20	25	36	38	35	23	15	12	.....	.....	.....	68.2	24
Sums	209	258	360	450	541	598	656	680	700	672	605	533	466	336	216	87	2,069.9	528
Percentage of possible.	.....	.....	.....	38	45	50	55	57	58	56	50	44	39	.....	.....	.....	172.5	44

ST. LOUIS, MO. (T.).

[N. lat. 38° 38′.]

January	.....	.....	.....	49	49	57	73	75	79	73	68	60	55	67	.....	.....	195.3	64
February	.....	.....	40	40	49	60	62	62	71	66	65	57	54	53	.....	.....	174.4	58
March	.....	0	32	38	48	54	56	58	59	58	53	47	45	41	24	.....	182.0	49
April	.....	54	48	57	60	69	71	71	77	77	78	70	58	46	45	.....	252.8	64
May	51	49	50	63	78	83	83	84	88	87	87	79	69	48	39	36	310.9	70
June	60	60	66	77	86	89	95	96	94	89	84	87	79	69	43	31	346.2	78
July	76	68	72	86	91	94	92	93	93	86	86	79	70	60	46	48	356.9	79
August	.....	61	63	66	76	80	83	89	91	86	84	81	73	62	54	82	319.5	75
September	.....	71	73	73	79	82	86	87	90	81	74	75	71	65	60	.....	289.8	78
October	.....	100	59	64	72	72	79	85	87	82	79	76	74	69	.....	.....	260.5	75
November	.....	.....	63	63	70	80	84	87	91	86	87	80	79	.....	.....	.....	224.1	80
December	.....	.....	.....	19	24	44	51	56	52	50	51	47	43	.....	.....	.....	129.7	44
Sums	187	463	566	695	782	864	915	942	972	921	896	838	770	580	311	197	3,042.1	814
Percentage of possible.	.....	.....	.....	58	65	72	76	78	81	77	75	70	64	.....	.....	.....	253.5	68

ST. PAUL, MINN. (P.).

[N. lat. 44° 58′.]

January	.....	.....	.....	45	48	45	54	55	59	60	49	42	39	33	.....	.....	142.7	50
February	.....	.....	38	62	68	76	81	71	70	70	73	73	56	46	.....	.....	201.3	69
March	.....	0	24	40	45	53	59	57	56	61	63	54	38	31	41	.....	180.0	49
April	0	38	46	55	66	65	67	69	69	65	54	53	52	40	35	0	226.6	56
May	44	45	54	57	67	67	64	66	69	70	69	70	73	68	63	60	292.7	64
June	33	37	64	68	68	70	65	66	66	62	63	58	64	60	54	37	276.3	59
July	46	53	73	75	79	76	78	81	88	74	68	68	71	79	60	54	334.2	71
August	21	53	72	83	79	80	82	81	82	79	72	75	77	73	46	33	319.8	73
September	.....	39	33	45	49	57	62	61	54	55	56	59	59	46	46	.....	197.5	53
October	.....	0	56	63	70	74	74	67	64	61	65	63	50	46	.....	.....	217.3	64
November	.....	.....	34	44	48	64	61	64	58	60	55	50	46	.....	.....	.....	159.2	55
December	.....	.....	.....	34	35	42	43	44	42	38	38	35	33	.....	.....	.....	107.2	39
Sums	144	265	494	671	722	769	790	782	772	755	727	700	658	522	345	184	2,654.8	702
Percentage of possible.	.....	.....	.....	56	60	64	66	65	64	63	61	58	55	.....	.....	.....	221.2	58

SALT LAKE CITY, UTAH (T.).

[N. lat. 40° 46′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	47	46	51	59	62	61	60	56	46	47	65	.....	.....	160.3	54
February	.....	.....	3	21	28	36	52	56	54	50	46	26	20	16	.....	.....	111.3	37
March	.....	58	56	60	62	76	76	78	78	70	65	67	64	60	57	.....	250.0	67
April	0	48	45	55	71	84	87	82	80	78	72	71	57	52	60	.....	271.7	68
May	71	67	70	77	85	84	83	88	91	87	87	81	73	67	64	66	352.6	79
June	59	56	62	79	81	83	90	89	90	86	88	81	83	76	63	64	351.4	78
July	81	81	79	82	83	90	95	94	93	90	93	85	82	70	71	72	386.0	84
August	100	56	55	51	65	69	77	82	79	76	66	70	69	52	52	65	282.0	66
September	.....	77	80	77	78	79	80	83	89	87	86	79	79	77	76	.....	302.9	81
October	.....	100	59	58	66	76	78	80	81	75	67	68	55	63	.....	.....	239.4	70
November	.....	.....	72	57	57	60	64	72	72	72	73	68	58	.....	.....	.....	192.5	64
December	.....	.....	.....	29	32	34	46	52	58	58	50	38	39	.....	.....	.....	127.9	44
Sums	311	543	581	698	754	822	887	913	926	889	849	770	726	598	443	267	3,028.0	792
Percentage of possible	.....	.....	.....	58	63	68	74	76	77	74	71	64	60	.....	.....	.....	252.3	66

SAN DIEGO, CAL. (P.).

[N. lat. 32° 43′.]

January	.....	.....	100	61	62	70	74	67	66	65	58	55	52	45	.....	.....	198.9	62
February	.....	.....	58	60	65	65	67	74	68	69	64	66	58	57	.....	.....	200.3	65
March	.....	100	71	66	70	77	80	84	86	85	83	82	84	82	94	.....	295.5	79
April	.....	27	30	34	49	69	84	97	98	97	96	95	80	72	74	.....	285.8	73
May	20	10	18	21	29	37	35	52	59	68	66	51	48	34	19	0	168.9	39
June	13	13	13	24	35	57	74	84	86	85	81	79	78	62	59	60	251.1	59
July	0	3	8	24	46	71	85	94	92	98	95	96	87	81	77	86	299.8	69
August	.....	31	30	35	50	69	84	89	95	94	88	92	85	85	77	.....	300.3	73
September	.....	6	10	18	43	70	82	90	96	96	98	96	96	85	84	.....	267.1	72
October	.....	33	16	24	35	66	85	90	87	83	82	79	76	82	.....	.....	235.0	67
November	.....	.....	16	38	56	66	78	83	86	93	93	90	75	88	.....	.....	228.8	73
December	.....	.....	76	81	83	86	87	94	96	98	92	84	71	67	.....	.....	270.8	87
Sums	33	223	446	486	622	803	915	998	1,015	1,026	996	965	885	840	484	146	3,002.3	818
Percentage of possible	.....	.....	37	40	52	67	76	83	85	86	83	80	74	70	.....	.....	250.2	68

SAN FRANCISCO, CAL. (T.).

[N. lat. 37° 48′.]

January	.....	.....	.....	36	43	59	67	70	71	74	60	54	40	56	.....	.....	177.2	58
February	.....	.....	26	29	43	53	60	65	61	64	65	66	49	49	.....	.....	165.5	55
March	.....	67	69	69	83	88	95	97	95	95	93	88	84	77	80	.....	320.3	86
April	.....	52	53	62	79	88	87	90	92	90	91	90	89	81	79	.....	321.1	81
May	50	42	41	44	55	63	70	83	91	93	94	92	75	59	57	50	301.1	68
June	66	67	67	75	85	89	93	94	97	97	94	92	93	83	80	78	377.6	85
July	47	35	38	44	60	76	80	94	100	98	100	97	81	68	68	70	331.7	74
August	.....	19	16	18	27	41	52	68	72	78	78	65	44	29	31	57	195.2	46
September	.....	40	38	47	57	67	79	83	82	82	87	79	58	47	70	.....	248.3	67
October	.....	0	42	47	51	75	86	88	85	83	80	74	49	54	.....	.....	239.5	69
November	.....	.....	15	11	18	37	47	48	56	56	50	35	30	0	.....	.....	116.4	38
December	.....	.....	.....	59	63	73	78	80	81	79	78	70	67	.....	.....	.....	217.3	73
Sums	163	322	405	541	664	809	894	960	983	989	970	902	759	603	465	255	3,011.2	800
Percentage of possible	.....	.....	.....	45	55	67	74	80	82	82	81	75	63	.....	.....	.....	250.9	67

SANTA FE, N. MEX. (P.).

[N. lat. 35° 41′.]

January	.....	.....	.....	70	80	82	85	78	81	83	84	82	62	47	.....	.....	244.0	78
February	.....	.....	66	62	67	77	75	70	75	77	81	75	71	69	.....	.....	221.7	73
March	.....	82	80	88	85	87	93	93	83	88	79	78	65	53	32	.....	299.6	81
April	.....	66	71	71	90	91	90	91	83	81	81	81	70	63	60	.....	313.1	80
May	67	68	72	82	87	86	86	86	72	65	60	63	57	50	56	50	308.5	71
June	70	77	86	93	89	94	91	90	84	77	84	79	74	68	55	53	352.6	81
July	68	63	75	80	85	86	83	79	69	56	61	60	47	46	39	43	293.6	66
August	.....	70	84	91	96	96	92	92	85	80	74	62	60	51	35	50	322.0	77
September	.....	70	81	84	85	86	88	89	87	83	86	84	80	73	58	.....	310.3	83
October	.....	100	83	85	89	92	94	88	86	86	83	78	77	75	.....	.....	296.9	85
November	.....	.....	56	67	78	91	89	87	88	92	90	86	74	50	.....	.....	256.5	83
December	.....	.....	83	73	78	89	93	92	89	81	82	76	69	.....	.....	.....	250.2	83
Sums	205	596	836	946	1,009	1,057	1,059	1,035	982	949	945	904	806	645	335	196	3,469.0	941
Percentage of possible	.....	.....	.....	79	84	88	88	86	82	79	79	75	67	.....	.....	.....	289.1	78

SAULT STE. MARIE, MICH. (T.).

[N. lat. 46° 30′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	8	15	32	43	46	52	48	33	16	11	0	.....	.....	91.9	32
February	.....	.....	0	13	23	42	72	84	84	83	66	57	35	28	.....	.....	159.4	55
March	.....	44	28	36	51	66	70	68	61	60	55	55	45	37	41	.....	196.5	53
April	12	26	50	69	75	86	79	76	82	82	81	77	73	55	39	25	280.0	69
May	21	22	41	56	75	79	77	80	75	77	75	70	51	42	51	28	270.9	58
June	30	29	49	56	71	71	74	76	81	82	79	77	72	54	46	57	297.6	63
July	26	27	57	66	68	74	71	71	73	74	69	69	69	54	38	33	285.2	60
August	35	28	54	66	72	79	81	84	90	86	88	79	75	68	51	55	312.5	71
September	.....	18	16	40	61	70	71	77	76	71	68	50	35	18	28	.....	199.1	53
October	.....	.....	8	20	33	37	44	47	48	42	44	33	25	23	.....	.....	118.5	35
November	.....	.....	0	5	17	20	24	32	31	26	19	10	3	.....	.....	.....	55.7	20
December	.....	.....	.....	9	6	16	23	34	32	33	27	14	13	.....	.....	.....	59.5	22
Sums	124	194	303	444	567	672	729	775	785	764	704	607	507	379	294	198	2,326.8	591
Percentage of possible	.....	.....	.....	37	47	56	61	65	65	64	59	51	42	.....	.....	.....	193.9	49

SAVANNAH, GA. (T.).

[N. lat. 32° 5′.]

January	.....	.....	25	42	50	51	54	55	59	52	51	46	48	47	.....	.....	162.4	51
February	.....	.....	60	54	56	60	64	75	73	70	66	52	50	51	.....	.....	189.2	61
March	.....	44	54	57	63	70	74	70	66	68	70	58	52	54	.....	.....	233.9	63
April	.....	78	78	75	74	70	70	75	74	68	64	61	65	62	54	.....	269.2	69
May	50	64	65	70	80	79	83	75	75	69	67	61	56	50	43	0	287.5	67
June	58	62	60	64	71	70	72	74	72	69	72	59	51	49	45	41	270.0	63
July	33	45	45	46	50	63	67	68	58	66	59	47	39	37	31	10	223.1	51
August	.....	38	46	54	65	62	55	60	65	53	47	45	28	21	8	.....	195.1	47
September	.....	52	47	49	64	71	74	72	69	68	61	49	45	38	41	.....	217.6	59
October	.....	60	65	67	74	82	85	84	83	84	85	76	69	62	.....	.....	272.5	77
November	.....	.....	64	68	74	80	83	83	83	84	81	71	61	58	.....	.....	240.7	76
December	.....	.....	33	35	49	61	66	72	71	64	62	48	45	33	.....	.....	178.5	57
Sums	141	443	637	681	770	819	847	863	848	815	785	673	609	562	222	51	2,739.7	741
Percentage of possible	.....	.....	53	57	64	68	71	72	71	68	65	56	51	47	.....	.....	228.3	62

SEATTLE, WASH. (T.).

[N. lat. 47° 38′.]

January	.....	.....	.....	8	14	17	27	35	35	36	25	14	14	.....	.....	.....	66.0	24
February	.....	.....	0	25	32	44	59	70	69	68	69	56	49	19	.....	.....	152.1	53
March	.....	0	14	21	34	43	48	58	60	59	54	48	32	15	12	.....	148.9	40
April	7	15	22	43	50	69	70	81	80	82	77	63	55	30	24	10	225.6	55
May	12	13	21	41	57	58	69	74	76	78	77	66	52	41	29	20	239.4	51
June	10	10	12	25	44	59	67	73	83	78	68	65	43	34	16	17	211.1	44
July	27	33	43	53	70	79	88	93	94	91	87	88	82	67	54	44	334.6	69
August	63	49	48	57	67	73	81	87	88	89	85	83	80	77	72	82	328.3	74
September	.....	25	30	33	46	47	59	66	64	67	62	54	44	34	31	.....	186.5	50
October	.....	.....	23	23	25	32	52	59	62	62	61	55	50	45	.....	.....	156.4	47
November	.....	.....	0	0	4	17	23	30	40	32	28	11	10	.....	.....	.....	55.2	20
December	.....	.....	.....	6	9	20	35	35	33	26	20	19	20	.....	.....	.....	62.6	24
Sums	119	145	213	335	452	568	678	757	784	768	708	622	531	362	238	173	2,166.7	551
Percentage of possible	.....	.....	.....	28	38	46	56	63	65	64	59	52	44	.....	.....	.....	180.6	46

SPOKANE, WASH. (T.).

[N. lat. 47° 40′.]

January	.....	.....	.....	9	5	16	30	40	45	47	35	24	22	.....	.....	.....	80.3	29
February	.....	.....	8	33	37	48	52	58	59	58	52	49	38	23	.....	.....	136.0	47
March	.....	28	44	47	59	73	77	77	76	79	77	67	46	41	33	.....	234.9	63
April	7	45	51	60	68	77	77	81	81	71	69	64	56	52	38	40	262.5	64
May	31	41	54	62	74	81	82	84	87	89	84	89	75	65	43	36	325.4	69
June	46	53	62	72	82	82	88	87	85	88	85	75	69	50	46	34	231.5	69
July	65	73	81	86	87	87	90	93	92	91	91	94	90	87	77	73	412.3	86
August	79	73	76	94	96	98	100	100	100	97	94	94	92	78	75	83	400.1	90
September	.....	39	47	45	50	60	63	69	73	73	59	50	44	42	44	.....	208.9	55
October	.....	.....	58	49	52	73	76	76	75	75	76	65	64	79	.....	.....	227.4	68
November	.....	.....	15	20	21	27	34	29	34	35	19	8	6	.....	.....	.....	67.9	24
December	.....	.....	.....	8	10	11	10	14	26	27	20	20	20	.....	.....	.....	44.6	17
Sums	228	352	496	585	641	733	779	808	833	830	761	699	622	517	356	266	2,631.8	680
Percentage of possible	.....	.....	.....	49	53	61	65	67	69	69	63	58	52	.....	.....	.....	219.3	57

TACOMA, WASH. (T.).

[N. lat. 47° 16′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	.....	0	3	15	20	26	29	27	22	11	10	0	.....	.....	49.4	18
February	.....	.....	6	24	30	38	46	51	56	45	48	50	40	24	.....	.....	121.4	42
March	.....	6	12	16	32	44	51	44	51	55	51	39	39	28	17	.....	141.7	38
April	0	3	15	35	46	66	62	69	68	62	62	62	51	31	7	0	190.7	47
May	8	8	18	35	51	60	69	72	82	84	76	64	55	41	22	1	229.9	49
June	10	10	18	37	36	38	60	63	72	77	71	65	53	44	16	0	201.1	42
July	12	22	36	51	65	79	89	86	88	86	87	82	76	77	55	12	309.5	65
August	38	22	39	60	76	84	88	90	93	97	96	94	88	80	43	44	328.1	75
September	.....	15	26	45	54	65	78	76	80	79	70	66	54	34	14	.....	219.6	58
October	.....	0	0	8	18	35	55	60	58	65	58	53	26	12	.....	.....	135.7	40
November	.....	.....	0	2	6	17	16	25	31	26	25	21	2	.....	.....	.....	51.2	18
December	.....	.....	.....	3	4	13	11	29	17	14	14	3	3	.....	.....	.....	32.8	12
Sums	68	86	170	313	421	554	645	691	725	717	680	610	497	371	174	57	2,011.1	504
Percentage of possible	.....	.....	.....	26	35	46	54	58	60	60	57	51	41	.....	.....	.....	167.6	42

TAMPA, FLA. (T.).

[N. lat. 27° 57′.]

January	.....	.....	47	42	46	65	73	76	82	75	65	48	48	51	.....	.....	201.7	61
February	.....	.....	63	60	57	65	76	81	80	79	64	59	42	45	.....	.....	203.0	65
March	.....	66	61	66	71	79	75	82	78	78	72	67	54	49	44	.....	257.8	69
April	.....	71	71	73	87	91	97	96	95	94	92	87	79	74	69	.....	328.3	85
May	.....	52	53	66	85	91	91	94	88	89	86	83	76	56	54	.....	322.2	77
June	.....	43	49	58	69	76	83	78	77	69	54	48	49	27	20	.....	237.3	57
July	.....	64	65	68	73	83	88	86	82	75	61	46	36	24	12	.....	262.4	62
August[1]	.....	71	71	79	80	85	81	74	85	80	78	67	49	30	14	.....	135.4	69
September	.....	55	54	68	74	78	80	75	73	71	62	48	39	27	39	.....	229.9	62
October	.....	44	45	54	75	78	83	90	88	82	78	71	51	45	.....	.....	252.6	71
November	.....	.....	60	67	80	88	87	84	82	82	76	70	55	42	.....	.....	244.6	76
December	.....	.....	31	34	47	72	77	78	82	77	67	59	44	45	.....	.....	202.3	63
Sums	.....	466	670	735	844	951	991	994	992	951	856	753	622	514	252	.....	2,877.5	817
Percentage of possible	.....	.....	56	61	70	79	83	83	83	79	71	63	52	43	.....	.....	249.8	68

TOLEDO, OHIO (T.).

[N. lat. 41° 40′.]

January	.....	.....	.....	15	16	24	32	34	36	24	27	23	17	0	.....	.....	74.7	25
February	.....	.....	38	24	23	39	56	55	56	46	39	35	28	30	.....	.....	117.5	40
March	.....	46	36	31	35	40	42	45	47	44	41	28	23	16	24	.....	131.8	36
April	0	40	36	39	53	60	62	62	69	63	55	46	41	36	36	.....	202.3	50
May	24	26	27	34	47	45	50	52	54	57	49	41	51	39	29	17	190.2	42
June	60	60	58	55	71	68	71	69	67	74	75	65	56	48	50	38	283.6	62
July	70	70	69	68	73	82	88	91	92	87	83	78	69	55	51	44	342.5	74
August	100	50	51	50	58	61	67	75	75	72	70	64	51	30	25	27	246.0	57
September	.....	50	50	52	59	63	70	78	77	75	70	65	50	47	41	.....	233.3	62
October	.....	0	52	55	59	67	75	72	72	75	55	51	46	38	.....	.....	210.2	61
November	.....	.....	55	33	35	33	39	39	36	41	34	30	29	.....	.....	.....	104.6	35
December	.....	.....	.....	24	30	41	41	48	50	35	27	35	36	.....	.....	.....	105.7	37
Sums	254	342	472	480	559	623	693	720	731	693	625	561	497	339	256	126	2,242.4	581
Percentage of possible	.....	.....	.....	40	47	52	58	60	61	58	52	47	41	.....	.....	.....	186.9	48

TOPEKA, KANS. (T.).

[N. lat. 39° 03′.]

January	.....	.....	.....	59	60	65	73	77	74	75	71	65	59	60	.....	.....	206.9	68
February	.....	.....	55	48	47	62	69	74	71	68	66	61	55	49	.....	.....	185.8	62
March	.....	33	44	45	48	60	65	67	62	64	59	56	43	42	22	.....	201.4	54
April	.....	56	43	44	51	60	65	72	72	66	57	56	55	49	54	.....	227.7	57
May	70	61	55	57	58	66	73	70	76	77	77	72	62	56	61	81	293.0	66
June	73	73	70	69	80	86	90	91	90	91	88	80	84	78	64	62	357.6	80
July	76	68	70	78	85	87	90	89	88	88	76	76	73	63	51	55	345.8	76
August	.....	71	71	69	84	81	84	81	88	89	83	81	77	70	68	73	332.3	79
September	.....	48	47	48	47	58	60	68	59	63	64	63	65	74	75	.....	221.1	59
October[2]	.....	0	38	40	45	61	66	76	77	70	67	66	52	56	.....	.....	194.4	60
November	.....	.....	63	62	62	68	76	78	75	72	56	47	46	.....	.....	.....	194.8	65
December	.....	.....	.....	33	42	45	51	68	57	49	42	38	41	.....	.....	.....	136.5	46
Sums	219	410	556	652	709	799	862	901	889	872	808	761	712	597	395	271	2,897.8	772
Percentage of possible	.....	.....	.....	54	59	67	72	75	74	73	67	63	59	.....	.....	.....	241.5	64

[1] For 15 days.

[2] For 29 days.

VICKSBURG, MISS. (T.).

[N. lat. 32° 22′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	50	45	46	52	57	64	62	64	62	52	55	53	.....	.....	178.7	56
February	.....	.....	44	32	38	41	49	59	61	59	59	50	36	35	.....	.....	146.4	47
March	.....	56	58	59	67	81	84	85	87	85	82	79	73	65	57	.....	280.4	75
April	.....	67	60	63	70	80	85	80	77	76	77	76	67	60	53	.....	278.7	71
May	38	50	54	68	76	85	84	87	89	88	82	77	75	60	47	.....	314.3	73
June	64	63	74	88	91	96	93	93	93	93	93	92	90	85	59	55	365.0	86
July	33	71	74	74	83	82	84	84	83	78	77	68	68	57	42	37	317.6	73
August	.....	58	57	61	71	88	91	93	96	84	85	82	77	62	52	.....	312.9	76
September	.....	61	60	61	79	84	83	87	87	85	80	76	67	58	25	.....	277.1	75
October	.....	80	73	74	85	88	95	94	95	91	90	80	75	75	72	.....	300.2	85
November	.....	.....	40	46	70	75	80	80	83	81	80	63	46	50	.....	.....	217.2	69
December	.....	.....	12	26	32	35	44	51	55	59	54	47	46	67	.....	.....	139.3	45
Sums	135	506	656	697	808	888	929	957	958	943	921	842	775	727	407	92	3,127.8	881
Percentage of possible.	.....	.....	55	58	67	74	77	80	80	79	77	70	65	61	.....	.....	260.6	69

WASHINGTON, D. C. (P.).

[N. lat. 38° 54′.]

January	.....	.....	.....	41	43	49	42	49	54	60	56	49	39	30	.....	.....	146.9	48
February	.....	.....	67	67	70	75	79	78	76	69	68	64	54	50	.....	.....	207.1	69
March	.....	50	35	37	43	48	46	52	43	42	47	52	31	19	15	.....	152.6	41
April	.....	43	40	43	43	44	50	55	52	46	44	45	43	40	40	.....	179.1	45
May	20	29	32	32	40	46	44	44	51	50	56	59	55	52	39	25	197.1	44
June	63	63	63	71	73	77	78	78	84	84	86	81	78	68	61	60	329.6	74
July	36	35	42	66	71	67	73	71	77	76	76	67	57	42	39	39	273.6	60
August	.....	56	55	56	64	67	70	72	71	71	65	69	59	53	52	64	267.3	63
September	.....	58	57	68	78	77	76	66	71	68	65	60	62	50	53	.....	245.4	66
October	.....	100	58	58	60	75	78	83	85	85	87	85	90	86	.....	.....	268.0	77
November	.....	.....	42	33	44	53	56	58	62	57	54	50	42	.....	.....	.....	153.6	51
December	.....	.....	.....	53	52	55	58	58	53	57	57	58	57	.....	.....	.....	163.8	56
Sums	119	434	491	625	676	733	750	764	779	765	761	739	667	490	299	188	2,584.3	694
Percentage of possible	.....	.....	.....	52	56	61	62	64	65	64	63	62	56	.....	.....	.....	215.4	58

WILMINGTON, N. C. (T.).

[N. lat. 34° 14′.]

January	.....	.....	0	41	62	75	81	79	75	71	74	63	45	39	.....	.....	208.5	66
February	.....	.....	59	65	77	79	80	84	84	87	86	85	80	71	.....	.....	244.0	79
March	.....	30	51	55	70	82	86	84	87	81	79	70	58	49	34	.....	262.9	71
April	.....	64	65	72	78	83	82	84	87	83	76	67	68	48	32	.....	282.7	72
May	41	48	47	61	79	85	88	92	89	88	82	73	62	45	27	0	299.0	69
June	45	45	48	59	73	82	87	85	85	77	72	61	58	43	26	12	273.9	63
July	75	46	48	63	63	70	65	65	69	77	70	62	56	42	29	21	257.0	58
August	.....	64	64	63	70	60	67	67	70	75	71	61	55	44	31	0	258.2	62
September	.....	42	43	59	78	85	93	92	88	88	79	71	51	39	23	.....	264.4	71
October	.....	33	59	62	66	74	87	88	90	88	83	72	66	68	.....	.....	265.9	76
November	.....	.....	73	78	83	88	86	85	81	77	74	64	65	67	.....	.....	243.3	78
December	.....	.....	29	36	41	55	67	73	69	68	59	55	46	.....	.....	.....	175.9	57
Sums	161	372	586	714	840	918	969	978	974	960	905	804	709	555	202	33	3,035.7	822
Percentage of possible.	.....	.....	49	60	70	76	81	82	81	80	75	67	59	.....	.....	.....	253.0	68

YANKTON, S. DAK. (T.).

[N. lat. 42° 54′.]

January	.....	.....	.....	27	31	47	66	76	83	80	73	65	51	44	.....	.....	179.9	61
February	.....	.....	58	59	65	82	86	85	83	79	72	62	53	45	.....	.....	210.6	71
March	.....	14	26	30	43	65	75	72	73	74	67	59	53	32	19	.....	206.6	56
April	0	33	29	39	53	56	67	75	78	72	78	70	60	54	52	.....	237.1	59
May	54	53	60	65	71	74	70	74	72	74	71	71	63	65	57	59	302.3	66
June	24	32	51	60	70	78	79	81	77	80	77	73	80	68	53	37	299.5	65
July	39	48	75	74	88	98	95	99	100	98	99	96	93	87	78	58	395.7	85
August	22	53	77	85	86	92	97	97	98	100	97	95	89	86	78	72	379.9	88
September	.....	43	58	67	70	78	78	78	79	75	79	68	54	30	30	.....	245.5	65
October	.....	.....	35	58	65	71	72	73	73	72	65	66	51	35	.....	.....	215.9	63
November[1]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sums	139	276	464	559	642	731	780	810	816	804	778	725	647	547	367	226	2,673.0	679
Percentage of possible.	.....	.....	.....	56	64	73	78	81	82	80	78	72	65	55	.....	.....	267.3	68

[1] Station destroyed by fire November 28, 1901.

EXCESSIVE RAINFALL, 1901.

The table following contains the record of excessive rainfall for the calendar year 1901. Similar records for the years 1896 and 1897, and 1898 and 1899, and 1900, were published in the Annual Reports of the Chief of Weather Bureau, 1897–98, pages 275–280, and 1899–1900, pages 300–309, 1900–1901, pages 281–287, respectively. Previous to 1896 the published data consist of a record of maximum amounts of rainfall in 5 and 10 minute periods and also in 1 and 24 hours. The Annual Report for 1895–96 contains a summary of the records which up to that time had been made at the principal stations supplied with automatic gages.

TABLE SHOWING THE ACCUMULATED AMOUNTS OF PRECIPITATION FOR EACH FIVE MINUTES DURING ALL STORMS OF 1901 IN WHICH THE RATE OF FALL EQUALED OR EXCEEDED 0.75 INCH PER HOUR, AT STATIONS OF THE WEATHER BUREAU FURNISHED WITH SELF-REGISTERING GAGES.

Station and dates.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated depths of precipitation (in inches) during periods of time indicated.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
NEW ENGLAND STATES.																				
Eastport, Me.:																				
June 23–24	6.40 p. m.	3.25 a. m.	3.30	9.15 p. m.	10.12 p. m.	0.78	0.07	0.11	0.18	0.25	0.33	0.42	0.45	0.49	0.56	0.67	0.85	....	....	....
Portland, Me.:																				
Mar. 11	D. N.	9.10 p. m.	2.84	11.15 a. m.	1.10 p. m.	.65	.04	.08	.12	.16	.21	.26	.31	.36	.41	.47	.60	0.83	1.12	1.39
Northfield, Vt.:																				
June 20–21	1.05 p. m.	D. N.	1.29	1.10 p. m.	1.27 p. m.	.03	.16	.28	.56	.59	....	....	....	....	....	....	....	....	....	....
July 28	D. N.	5.35 p. m.	2.10	12.40 p. m.	1.40 p. m.	.65	.08	.14	.19	.23	.44	.48	.55	.62	.67	.77	....	....	....	....
Boston, Mass.:																				
Aug. 24–25	6.35 p. m.	D. N.	2.08	11.20 p. m.	12.25 a. m.	.21	.07	.13	.26	.35	.53	.72	.89	1.24	1.33	1.43	1.76	1.90	....	....
Nantucket, Mass.:																				
Aug. 4	3.45 p. m.	8.50 p. m.	1.02	4.23 p. m.	4.43 p. m.	.08	.17	.45	.68	.81	.84	....	....	....	....	....	....	....	....	....
New Haven, Conn.:																				
July 3	1.58 p. m.	2.40 p. m.	1.06	2.05 p. m.	2.30 p. m.	.03	.16	.56	.85	.95	1.01	....	....	....	....	....	....	....	....	....
Aug. 17–18	8.20 p. m.	6.45 a. m.	3.26	8.35 p. m.	10.15 p. m.	.01	.07	.24	.44	.51	.59	.68	.71	.80	.85	.87	.94	1.09	1.62	....
Aug. 24	2.12 p. m.	11.45 p. m.	2.55	4.00 p. m.	5.20 p. m.	.22	.06	.15	.17	.23	.37	.51	.63	.73	.86	.94	1.01	1.35	....	....
Sept. 10–11	10.25 p. m.	6.15 a. m.	8.15	2.35 a. m.	3.30 a. m.	.32	.06	.17	.36	.46	.59	.79	1.21	1.56	1.86	2.22	2.37	....	....	....
MIDDLE ATLANTIC STATES.																				
Albany, N. Y.:																				
June 22	3.34 a. m.	7.38 a. m.	1.08	3.54 a. m.	4.30 a. m.	.03	.25	.56	.60	.68	.75	.81	.96	.99	1.00	....	....	....	....	....
Aug. 6–7	5.30 p. m.	8.15 a. m.	2.68	6.20 a. m.	6.50 a. m.	1.76	.05	.12	.14	.28	.35	.46	.72	.83	.85	.87	....	....	....	....
Oct. 13	7.30 p. m.	9.55 p. m.	1.86	7.35 p. m.	8.45 p. m.	.01	.09	.17	.35	.48	.73	.91	1.00	1.15	1.23	1.31	1.41	1.64	1.80	....
Binghamton, N. Y.:																				
May 24	3.14 p. m.	4.49 p. m.	.56	3.42 p. m.	3.51 p. m.	T.	.33	.47	.50	....	....	....	....	....	....	....	....	....	....	....
June 7	7.30 a. m.	12.16 p. m.	.78	8.05 a. m.	8.25 a. m.	.07	.12	.30	.40	.44	.46	....	....	....	....	....	....	....	....	....
July 5	8.54 a. m.	11.40 a. m.	1.24	9.50 a. m.	10.20 a. m.	.02	.04	.25	.55	.90	.99	1.04	1.06	1.10	1.17	1.21	....	....	....	....
Dec. 14–15	3.30 p. m.	D. N.	2.31	6.00 p. m.	6.45 p. m.	.04	.08	.25	.35	.42	.50	.58	.63	.69	.73	.75	.78	....	....	....
New York, N. Y.:																				
Mar. 10–11	6.55 p. m.	8.48 a. m.	2.90	5.17 a. m.	7.10 a. m.	1.50	.12	.20	.26	.31	.34	.37	.41	.44	.47	.49	.57	.87	1.10	1.20
July 5	2.08 p. m.	4.29 p. m.	2.02	2.08 p. m.	3.25 p. m.	.09	.38	.63	.80	.89	1.02	1.07	1.07	1.07	1.08	1.16	1.29	1.70	1.79	2.01
Aug. 24	11.45 a. m.	4.20 p. m.	2.74	12.55 p. m.	1.40 p. m.	.13	.12	.24	.30	.35	.41	.48	.55	.67	.86	....	....	....	....	....
				3.24 p. m.	4.00 p. m.	1.44	.32	.82	.96	.99	1.00	1.12	1.25	1.29	....	....	....	....	....	....
Harrisburg, Pa.:																				
May 24	6.10 p. m.	7.25 p. m.	.81	6.40 p. m.	7.10 p. m.	.03	.21	.34	.43	.55	.67	.74	.77	.78	....	....	....	....	....	....
May 28–29	9.30 p. m.	D. N.	1.01	10.26 p. m.	11.02 p. m.	T.	.18	.30	.41	.52	.67	.72	.76	....	....	....	....	....	....	....
Philadelphia, Pa.:																				
July 4	7.48 p. m.	8.32 p. m.	.54	8.00 p. m.	8.15 p. m.	T.	.18	.43	.51	.53	....	....	....	....	....	....	....	....	....	....
July 25	7.30 p. m.	9.45 p. m.	.88	7.45 p. m.	8.10 p. m.	T.	.12	.23	.32	.45	.51	.54	.57	....	....	....	....	....	....	....
Aug. 19	4.22 p. m.	5.12 p. m.	.71	4.23 p. m.	4.40 p. m.	T.	.23	.49	.63	.67	.69	....	....	....	....	....	....	....	....	....
Sept. 11	4.29 p. m.	7.12 p. m.	.92	5.40 p. m.	6.00 p. m.	.13	.04	.19	.43	.60	.63	....	....	....	....	....	....	....	....	....

TABLE SHOWING THE ACCUMULATED AMOUNTS OF PRECIPITATION FOR EACH FIVE MINUTES DURING ALL STORMS OF 1901, ETC.—Continued.

Stations and dates.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated depths of precipitation (in inches) during periods of time indicated.															
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
MIDDLE ATLANTIC STATES—continued.																				
Atlantic City, N. J.:																				
Aug. 12	3.48 p. m.	D. N.	2.46	4.48 p. m.	6.45 p. m.	0.10	0.07	0.15	0.30	0.40	0.52	0.62	0.75	0.81	0.84	0.92	1.05	1.45	1.76	2.02
Baltimore, Md.:																				
May 24–25	10.15 p. m.	D. N.	.62	10.25 p. m.	10.40 p. m.	.01	.11	.30	.47	.48										
July 25	6.00 p. m.	7.00 p. m.	1.95	6.00 p. m.	6.35 p. m.	.00	.31	.80	1.18	1.54	1.77	1.85	1.91	1.94						
Aug. 6	D. N.	12.25 p. m.	2.05	11.15 a. m.	11.45 a. m.	1.08	.05	.09	.32	.56	.77	.92								
Aug. 12	10.37 a. m.	2.05 p. m.	1.43	11.45 a. m.	12.20 p. m.	.09	.06	.10	.31	.43	.78	1.00	1.10							
Aug. 27	6.35 p. m.	7.30 p. m.	.81	6.40 p. m.	6.55 p. m.	.02	.30	.62	.76	.78										
Washington, D. C.:																				
Mar. 10–11	11.10 p. m.	2.40 a. m.	.92	1.34 a. m.	2.35 a. m.	.25	.07	.17	.34	.38	.38	.38	.38	.38	.38	.38	.61			
June 18	1.05 p. m.	1.50 p. m.	1.28	1.08 p. m.	1.38 p. m.	T.	.26	.53	.67	1.00	1.18	1.27								
July 6	4.10 p. m.	7.30 p. m.	.69	4.23 p. m.	4.40 p. m.	T.	.14	.36	.47	.52	.55									
Aug. 28	3.00 p. m.	4.20 p. m.	.53	3.04 p. m.	3.20 p. m.	T.	.12	.35	.43	.46										
Norfolk, Va.:																				
June 3	6.25 p. m.	11.45 p. m.	1.99	6.30 p. m.	6.50 p. m.	.01	.14	.29	.42	.50	.53									
				7.47 p. m.	8.45 p. m.	.57	.16	.26	.41	.52	.54	.59	.71	.73	.79	.85	.96	1.10	1.20	
July 8	2.56 p. m.	6.05 p. m.	.90	2.56 p. m.	3.50 p. m.	.00	.23	.33	.33	.33	.33	.34	.39	.45	.57	.78	.86			
Aug. 12–13	8.18 p. m.	9.30 a. m.	2.84	8.23 p. m.	9.30 p. m.	T.	.33	.70	.96	1.08	1.13	1.32	1.43	1.50	1.59	1.61	1.79	1.93		
Aug. 31	12.40 p. m.	5.15 p. m.	1.96	2.10 p. m.	2.40 p. m.	.07	.09	.45	1.00	1.44	1.66	1.72	1.76	1.80						
Oct. 13–14	5.30 p. m.	2.50 p. m.	2.05	10.24 p. m.	10.45 p. m.	.66	.37	.58	.73	.87	.88									
Richmond, Va.:																				
June 3	4.54 p. m.	8.40 p. m.	1.26	4.55 p. m.	5.35 p. m.	T.	.08	.12	.30	.56	.71	.93	1.03	1.07						
July 12–13	9.15 p. m.	7.40 a. m.	1.55	12.25 a. m.	12.50 a. m.	.54	.23	.45	.54	.58	.64	.66								
Aug. 6	3.21 p. m.	D. N.	1.61	3.45 p. m.	4.03 p. m.	.07	.35	.58	.83	.95										
Aug. 12	11.14 a. m.	11.50 a. m.	.68	11.20 a. m.	11.45 a. m.	.05	.09	.17	.26	.43	.63									
SOUTH ATLANTIC STATES.																				
Hatteras, N. C.:																				
May 10	9.50 p. m.	11.30 p. m.	.86	9.50 p. m.	10.20 p. m.	.00	.12	.40	.53	.59	.69	.83	.87	.89						
June 17	3.45 a. m.	9.00 a. m.	2.49	3.50 a. m.	4.40 a. m.	.02	.15	.33	.49	.58	.61	.62	.62	.63	.81	.90				
				4.40 a. m.	5.35 a. m.		.95	1.01	1.02	1.06	1.26	1.58	1.82	1.88	1.88	1.99	2.12	2.21		
July 10–11	7.00 a. m.	6.55 a. m.	4.11	12.50 a. m.	1.40 a. m.	1.38	.06	.11	.16	.22	.29	.36	.43	.50	.56	.62				
				1.40 a. m.	2.30 a. m.		.65	.69	.78	.81	.87	.94	1.00	1.07	1.16	1.24				
				2.30 a. m.	4.30 a. m.		1.30	1.37	1.42	1.50	1.58	1.65	1.74	1.83	1.94	1.97	2.08	2.24	2.44	2.64
Sept. 28	1.40 a. m.	9.50 a. m.	2.12	7.20 a. m.	8.10 a. m.	.81	.11	.27	.45	.67	.79	.82	.86	.91	.97	1.09	1.10			
Dec. 3	4.15 a. m.	1.40 p. m.	2.24	6.15 a. m.	7.15 a. m.	.21	.05	.10	.16	.24	.28	.32	.39	.47	.53	.68	.91	1.05		
				11.00 a. m.	11.25 a. m.	1.54	.05	.18	.30	.40	.45									
Raleigh, N. C.:																				
Mar. 25–26	5.35 p. m.	7.35 a. m.	1.48	5.43 p. m.	6.00 p. m.	T.	.20	.47	.55	.57	.59									
May 25	8.05 p. m.	11.45 p. m.	1.51	8.15 p. m.	8.55 p. m.	T.	.13	.48	.75	.88	1.00	1.08	1.12	1.19	1.21					
June 23–24	11.40 p. m.	2.40 a. m.	.98	1.30 a. m.	1.47 a. m.	.12	.30	.56	.77	.84										
July 8	2.30 p. m.	3.15 p. m.	.90	2.40 p. m.	3.00 p. m.	T.	.07	.34	.60	.87	.88									
Aug. 5	12.32 p. m.	5.40 p. m.	2.51	12.32 p. m.	1.25 p. m.	.00	.12	.24	.36	.59	.91	1.07	1.17	1.20	1.44	1.61	1.75			
Aug. 13	7.20 a. m.	11.00 a. m.	1.70	7.55 a. m.	8.55 a. m.	.05	.06	.16	.31	.46	.61	.84	.97	1.02	1.14	1.24	1.38			
Aug. 14	6.55 a. m.	7.43 a. m.	.62	7.15 a. m.	7.32 a. m.	.01	.05	.15	.32	.53	.59	.61								
Sept. 29	9.15 a. m.	11.00 a. m.	2.40	9.55 a. m.	10.50 a. m.	.05	.06	.17	.35	.60	.76	.99	1.22	1.48	1.84	2.11	2.33			
Wilmington, N. C.:																				
Mar. 10–11	17.15 p. m.	D. N.	1.47	2.18 a. m.	2.31 a. m.	1.90	.25	.43	.57											
May 19	6.35 p. m.	11.20 p. m.	1.34	8.50 p. m.	9.07 p. m.	.12	.06	.31	.90	.95	.96	.98	1.00							
June 17	1.35 p. m.	9.10 p. m.	2.44	2.35 p. m.	3.30 p. m.	.20	.09	.16	.36	.52	.64	.85	1.03	1.25	1.42	1.53	1.64			
June 24	D. N.	D. N.	1.95	3.00 a. m.	4.20 a. m.	.09	.05	.16	.32	.57	.88	.98	1.01	1.01	1.02	1.07	1.28	1.67		
July 8–9	11.20 p. m.	11.55 a. m.	2.74	11.40 p. m.	12.30 a. m.	.05	.07	.14	.19	.29	.40	.51	.64	.73	.85	.93	.97			
July 13–14	9.25 p. m.	10.20 a. m.	.98	9.15 a. m.	9.50 a. m.	.24	.07	.10	.17	.35	.44	.47	.64							
July 31	8.20 p. m.	11.50 p. m.	1.66	9.25 p. m.	10.15 p. m.	.60	.14	.23	.31	.35	.35	.38	.49	.67	.94	1.00				
Sept. 18	9.00 a. m.	10.05 a. m.	1.00	9.10 a. m.	9.35 a. m.	.05	.11	.31	.58	.69	.80	.80	.85	.92						
Sept. 18	3.52 p. m.	4.25 p. m.	.67	3.53 p. m.	4.13 p. m.	T.	.13	.32	.47	.67										
Sept. 27–28	1.40 p. m.	8.45 a. m.	2.12	4.00 a. m.	5.00 a. m.	.33	.22	.39	.48	.51	.57	.68	.68	.69	.70	.89	1.13	1.25		
Oct. 13	D. N.	11.10 a. m.	1.42	8.15 a. m.	8.45 a. m.	.48	.12	.28	.47	.69	.82	.91								
Charleston, S. C.:																				
Apr. 2–3	7.02 p. m.	3.10 a. m.	.71	7.25 p. m.	7.40 p. m.	.02	.17	.32	.42	.43	.43	.45	.50							
May 28	8.26 p. m.	D. N.	.73	8.35 p. m.	9.05 p. m.	T.	.04	.09	.23	.39	.56	.63	.65							
July 9	2.52 p. m.	5.23 p. m.	1.57	3.05 p. m.	4.05 p. m.	.05	.08	.16	.28	.39	.53	.59	.66	.75	1.07	1.16	1.48			
Aug. 7	12.38 p. m.	2.56 p. m.	1.17	2.15 p. m.	2.45 p. m.	T.	.08	.31	.54	.62	.92	1.17								
Savannah, Ga.:																				
June 17	D. N.	D. N.	1.59	1.34 a. m.	1.55 a. m.	.05	.30	.57	.86	.92	.92	.95	1.08	1.14	1.22	1.29	1.40			
July 8	7.28 a. m.	6.25 p. m.	1.57	7.40 a. m.	8.10 a. m.	.01	.05	.25	.58	.64	.72	.85	.89	.92						
Aug. 7	1.04 p. m.	3.40 p. m.	.91	1.18 p. m.	1.40 p. m.	T.	.20	.39	.59	.73	.77									
Aug. 25	2.32 p. m.	3.25 p. m.	.98	2.45 p. m.	3.05 p. m.	T.	.17	.55	.81	.96	.97									
Jacksonville, Fla.:																				
Feb. 19	D. N.	11.30 a. m.	2.65	9.25 a. m.	9.55 a. m.	1.64	.05	.27	.44	.59	.67	.71	.74	.77						
Mar. 24	8.09 p. m.	10.30 p. m.	1.20	8.25 p. m.	8.50 p. m.	.01	.29	.58	.69	.73	.80	.84	.85	.87	.90	.91	1.11			
May 21	1.45 p. m.	8.30 p. m.	1.04	3.18 p. m.	3.40 p. m.	.23	.16	.37	.49	.58	.60	.63	.66							
June 14	3.50 p. m.	6.10 p. m.	3.22	4.40 p. m.	5.35 p. m.	.02	.17	.62	1.22	1.59	1.74	1.77	2.17	2.59	2.80	2.96	3.11			
July 1	3.40 p. m.	8.10 p. m.	1.26	3.55 p. m.	4.35 p. m.	.01	.06	.33	.52	.70	.84	1.00	1.12	1.17	1.20					
Aug. 16	3.40 p. m.	8.12 p. m.	1.35	3.40 p. m.	4.10 p. m.	.00	.11	.83	1.00	1.08	1.22	1.28								
Sept. 2	7.09 p. m.	8.50 p. m.	1.97	7.09 p. m.	7.40 p. m.	.00	.14	.40	.85	1.36	1.76	1.92	1.93							

TABLE SHOWING THE ACCUMULATED AMOUNTS OF PRECIPITATION FOR EACH FIVE MINUTES DURING ALL STORMS OF 1901, ETC.—Continued.

Stations and dates.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated depths of precipitation (in inches) during periods of time indicated.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
FLORIDA PENINSULA.																				
Jupiter, Fla.:																				
Jan. 21–22	6.00 p. m.	11.04 a. m.	4.72	6.00 a. m.	7.30 a. m.	0.48	0.13	0.25	0.33	0.42	0.49	0.55	0.61	0.65	0.68	0.72	1.11	1.53	1.76	....
Apr. 19	5.15 a. m.	8.50 a. m.	1.36	8.05 a. m.	8.40 a. m.	.17	.07	.15	.27	.42	.77	1.10	1.19	....	....	....	....	....	....	....
May 21	8.40 a. m.	1.40 p. m.	1.44	11.10 p. m.	12.05 p. m.	.01	.11	.19	.23	.39	.43	.47	.54	.65	.77	.86	.91	....	....	....
June 10–13	11.00 p. m.	7.00 a. m.	11.45	[1]6.10 p. m. [2]12.01 a. m.	[1]7.30 p. m. [2]1.00 a. m.	1.53 3.74	.13 .11	.30 .18	.40 .25	.46 .37	.63 .43	.67 .47	.78 .49	.88 .54	.98 .58	1.06 .65	1.20 .90	1.38	1.67	....
				[2]12.30 p. m.	[2]2.00 p. m.	7.52	.15	.26	.35	.45	.61	.95	1.27	1.42	1.57	1.77	2.20	2.63	2.72	....
July 6	2.35 p. m.	7.10 p. m.	1.44	4.30 p. m.	4.55 p. m.	.62	.06	.17	.24	.59	.74	....	....	....	....	....	....	....	....	....
Aug. 2	11.28 a. m.	7.25 p. m.	1.57	2.38 p. m.	2.55 p. m.	.15	.33	.74	1.14	1.22	....	....	....	....	....	....	....	....	....	....
Aug. 13	12.27 a. m.	2.30 a. m.	.78	12.30 a. m.	12.40 a. m.	T.	.34	.58	.62	....	....	....	....	....	....	....	....	....	....	....
Aug. 16–17	8.19 p. m.	11.55 a. m.	1.61	5.12 a. m.	5.30 a. m.	.45	.32	.52	.78	.85	.86	....	....	....	....	....	....	....	....	....
Aug. 29	6.12 p. m.	8.50 p. m.	2.12	6.16 p. m.	6.50 p. m.	T.	.20	.56	.73	.86	.95	1.09	1.21	1.21	1.21	1.21	1.22	1.34	1.86	2.08
Sept. 10	4.05 p. m.	4.55 p. m.	2.58	4.05 p. m.	4.45 p. m.	.00	.10	.35	.67	1.27	1.77	2.22	2.42	2.52	2.55	2.58	....	....	....	....
Oct. 3	9.15 p. m.	9.50 p. m.	.71	9.20 p. m.	9.35 p. m.	.01	.21	.46	.64	.69	.70	....	....	....	....	....	....	....	....	....
Nov. 5	2.32 p. m.	3.13 p. m.	.80	2.50 p. m.	3.10 p. m.	.01	.22	.41	.61	.78	....	....	....	....	....	....	....	....	....	....
Dec. 2	9.30 a. m.	2.50 p. m.	2.34	12.50 p. m.	1.15 p. m.	.53	.09	.41	.79	1.18	1.42	1.44	1.45	1.48	1.51	....	....	....	....	....
Tampa, Fla.:																				
May 24	2.20 p. m.	4.50 p. m.	2.55	3.25 p. m.	[3]	.36	.18	.33	.41	.69	.99	1.29	1.59	[3]	[3]	[3]	[3] 2.16	....	....	....
June 1–2	8.10 p. m.	6.10 p. m.	1.91	11.35 p. m.	11.55 p. m.	.20	.10	.31	.47	.52	....	....	....	....	....	....	....	....	....	....
Aug. 17	1.23 p. m.	11.55 p. m.	2.78	7.20 p. m.	8.10 p. m.	.30	.14	.44	.52	.54	.76	1.14	1.59	1.77	1.93	1.98	2.03	....	....	....
Key West, Fla.:																				
Mar. 26–27	11.40 p. m.	2.55 a. m.	1.27	12.35 a. m.	1.45 a. m.	.09	.11	.15	.19	.29	.40	.46	.54	.63	.72	.75	.92	1.12	....	....
May 20–21	4.04 p. m.	9.50 a. m.	1.72	3.50 a. m.	4.05 a. m.	.88	.20	.45	.58	.62	....	....	....	....	....	....	....	....	....	....
July 22	7.02 a. m.	1.25 p. m.	1.79	10.15 a. m.	10.50 a. m.	.79	.26	.48	.65	.71	.79	.86	.93	.95	....	....	....	....	....	....
Aug. 2	6.58 p. m.	9.00 p. m.	1.96	7.00 p. m.	7.40 p. m.	T.	.23	.40	.53	.75	1.05	1.37	1.63	1.77	1.80	1.83	1.86	....	....	....
Sept. 4	8.57 a. m.	11.06 a. m.	.98	9.45 a. m.	10.20 a. m.	.04	.08	.27	.58	.74	.77	.79	.90	....	....	....	....	....	....	....
Sept. 26	2.25 p. m.	4.45 p. m.	1.43	3.25 p. m.	3.55 p. m.	.36	.14	.56	.83	.91	.94	1.01	1.03	....	....	....	....	....	....	....
EASTERN GULF STATES.																				
Atlanta, Ga.:																				
Mar. 26	2.40 a. m.	4.05 a. m.	2.07	3.33 a. m.	4.00 a. m.	.24	.69	1.00	1.30	1.65	1.79	1.80	....	....	....	....	....	....	....	....
May 20–21	9.55 p. m.	1.03 p. m.	4.94	8.40 a. m.	9.50 a. m.	3.62	.08	.23	.31	.36	.41	.48	.61	.83	.91	.96	1.07	1.24	....	....
June 25	5.35 p. m.	8.50 p. m.	1.05	5.45 p. m.	6.25 p. m.	.01	.08	.26	.50	.59	.70	.81	.91	.95	.98	....	....	....	....	....
July 18	6.30 p. m.	8.45 p. m.	1.99	7.14 p. m.	8.25 p. m.	.02	.21	.36	.39	.49	.57	.70	.86	1.11	1.27	1.32	1.64	1.96	....	....
July 26	6.12 p. m.	8.52 p. m.	1.33	6.19 p. m.	7.05 p. m.	T.	.09	.30	.38	.47	.57	.66	.84	.92	1.07	1.12	1.20	1.31	....	....
Aug. 6	10.17 a. m.	10.55 a. m.	.86	10.20 a. m.	10.35 a. m.	T.	.32	.64	.83	.85	....	....	....	....	....	....	....	....	....	....
Aug. 21–22	8.43 p. m.	5.15 p. m.	3.66	8.55 a. m.	10.05 a. m.	.92	.05	.18	.34	.61	.87	1.07	1.25	1.34	1.44	1.53	1.64	1.82	....	....
Macon, Ga.:																				
Feb. 8–9	9.23 p. m.	2.04 a. m.	1.46	12.10 a. m.	12.35 a. m.	.68	.12	.24	.42	.55	.59	.61	....	....	....	....	....	....	....	....
Mar. 25	7.35 p. m.	11.25 p. m.	2.38	8.10 p. m. 9.10 p. m.	8.25 p. m. 9.20 p. m.	.10 1.03	.28 .44	.78 .94	.84 .98	....	....	....	....	....	....	....	....	....	....	....
Apr. 2	7.15 a. m.	5.55 p. m.	2.45	9.13 a. m.	9.32 a. m.	.22	.12	.27	.53	.63	.63	.64	.69	.73	....	....	....	....	....	....
May 20	1.05 p. m.	2.25 p. m.	.82	1.15 p. m.	1.35 p. m.	.01	.11	.33	.58	.65	.68	.71	.73	.75	....	....	....	....	....	....
June 27	1.13 p. m.	2.30 p. m.	.91	1.20 p. m.	2.05 p. m.	.01	.05	.25	.42	.43	.43	.52	.78	.87	.89	.90	....	....	....	....
Aug. 5	4.40 p. m.	6.00 p. m.	1.06	4.49 p. m.	5.15 p. m.	T.	.23	.46	.69	.88	1.01	1.05	....	....	....	....	....	....	....	....
Sept. 13	5.40 p. m.	6.25 p. m.	.78	5.40 p. m.	6.05 p. m.	.00	.22	.48	.64	.71	.75	....	....	....	....	....	....	....	....	....
Dec. 14	10.10 a. m.	8.45 p. m.	2.22	2.15 p. m.	2.40 p. m.	.46	.08	.24	.42	.57	.71	....	....	....	....	....	....	....	....	....
Montgomery, Ala.:																				
Feb. 3	10.16 a. m.	2.45 p. m.	1.24	12.40 p. m.	12.55 p. m.	.45	.15	.47	.53	.56	.58	....	....	....	....	....	....	....	....	....
Feb. 8	4.57 p. m.	11.27 p. m.	1.02	9.25 p. m.	9.45 p. m.	.22	.05	.12	.45	.66	.69	.72	.74	....	....	....	....	....	....	....
Mar. 30	2.04 p. m.	8.20 p. m.	1.36	3.50 p. m.	4.50 p. m.	.13	.07	.17	.22	.24	.28	.32	.47	.70	.78	.79	1.01	....	....	....
Apr. 2	12.59 a. m.	4.56 a. m.	1.78	3.40 a. m.	4.30 a. m.	.40	.05	.09	.12	.17	.27	.36	.62	1.06	1.29	1.35	1.38	....	....	....
May 25	4.10 p. m.	5.30 p. m.	.93	4.11 p. m.	4.50 p. m.	T.	.08	.15	.22	.43	.57	.71	.80	.91	....	....	....	....	....	....
May 31	2.30 a. m.	12.20 p. m.	2.39	5.25 a. m. 6.25 a. m.	5.45 a. m. 6.40 a. m.	.35 1.36	.25 .21	.58 .64	.75 .69	.81 .70	.84	....	....	....	....	....	....	....	....	....
Aug. 6	3.50 a. m.	8.10 a. m.	1.50	3.57 a. m.	4.46 a. m.	.01	.07	.21	.35	.62	.67	.85	.98	1.06	1.29	1.35	1.38	....	....	....
Aug. 19	1.59 p. m.	2.57 p. m.	1.41	2.07 p. m.	2.35 p. m.	.02	.26	.61	.95	1.18	1.29	1.35	....	....	....	....	....	....	....	....
Nov. 18–19	4.15 p. m.	6.35 a. m.	1.55	9.53 p. m.	10.20 p. m.	.49	.14	.21	.30	.45	.50	.54	....	....	....	....	....	....	....	....
Dec. 14	4.30 a. m.	11.42 a. m.	1.47	8.30 a. m.	9.25 a. m.	.07	.11	.17	.22	.24	.31	.38	.59	.90	1.11	1.25	1.33	....	....	....
Meridian, Miss.:																				
Apr. 17–18	6.05 p. m.	D. N.	2.27	8.35 p. m.	9.25 p. m.	.40	.05	.11	.15	.51	.68	.80	.90	1.08	1.13	1.18	1.21	....	....	....
May 31	D. N.		1.99	2.00 a. m. 3.35 a. m.	2.30 a. m. 4.28 a. m.	.01 .66	.13 .17	.22 .20	.39 .21	.53 .25	.59 .69	....	....	....	....	....	....	....	....	....
June 2	7.10 p. m.	9.20 p. m.	1.31	7.18 p. m.	7.40 p. m.	.01	.27	.34	.44	.71	.92	.95	....	....	....	....	....	....	....	....
July 25	1.20 p. m.	2.33 p. m.	.74	1.39 p. m.	2.05 p. m.	T.	.33	.44	.49	.59	.66	.69	.72	....	....	....	....	....	....	....
Aug. 4	5.33 p. m.	6.25 p. m.	.95	5.35 p. m.	6.10 p. m.	T.	.09	.13	.26	.56	.73	.85	.92	....	....	....	....	....	....	....
Sept. 13	11.52 a. m.	4.00 p. m.	1.32	12.05 p. m.	12.30 p. m.	T.	.08	.31	.55	.59	.69	.70	.74	.76	.81	....	....	....	....	....
Vicksburg, Miss.:																				
Jan. 10–11	[4]4.20 a. m.	[5]10.00 p. m.	8.00	[12.25 p. m. [8.25 p. m.	[4]11.15 p. m. [5]9.05 p. m.	3.25 5.11	.06 .06	.16 .23	.25 .31	.33 .40	.41 .54	.50 .62	.62 .82	.77 .88	.96 .93	1.03 .95	1.05 .97	1.02	1.10	1.18
Feb. 3	5.15 a. m.	10.35 a. m.	1.04	7.25 a. m.	7.45 a. m.	.11	.14	.38	.67	.81	.83	....	....	....	....	....	....	....	....	....
Mar. 9	8.25 p. m.	D. N.	.58	10.55 p. m.	11.18 p. m.	.05	.09	.16	.39	.49	.54	....	....	....	....	....	....	....	....	....
Apr. 17	12.05 p. m.	7.35 p. m.	1.58	5.20 p. m.	5.40 p. m.	.54	.17	.59	.70	.74	.76	....	....	....	....	....	....	....	....	....
May 24–25	8.15 p. m.	11.10 a. m.	4.46	9.30 p. m.	10.15 p. m.	.34	.10	.38	.68	1.03	1.43	1.73	1.81	1.87	2.02	2.05	2.20	2.28	2.45	....
May 30–31	10.00 p. m.	D. N.	3.77	12.15 a. m.	2.15 a. m.	.04	.30	.61	.75	1.15	1.31	1.40	1.62	2.02	2.08	2.14	2.56	2.86	2.99	3.55
July 21	1.17 p. m.	5.40 p. m.	1.12	3.05 p. m.	3.47 p. m.	.14	.06	.14	.39	.61	.68	.69	.70	.89	.96	....	....	....	....	....
Aug. 14	1.43 p. m.	D. N.	1.10	4.22 p. m.	4.40 p. m.	.50	.08	.21	.39	.53	.54	....	....	....	....	....	....	....	....	....

[1] Of the 11th.
[2] Of the 12th.
[3] Gage overflowed at 3.57 p. m.; estimated that 2.16 inches fell in one hour.
[4] January 10.
[5] January 11.

TABLE SHOWING THE ACCUMULATED AMOUNTS OF PRECIPITATION FOR EACH FIVE MINUTES DURING ALL STORMS OF 1901, ETC.—Continued.

Stations and dates.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated depths of precipitation (in inches) during periods of time indicated.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
EASTERN GULF STATES—contd.																				
Vicksburg, Miss.—Continued.																				
Nov. 3	10.12 a. m.	12.30 p. m.	0.90	10.38 a. m.	11.10 a. m.	T.	0.12	0.16	0.18	0.44	0.58	0.72	0.76							
Dec. 1–2	5.00 p. m.	D. N.	1.35	8.20 p. m.	9.05 p. m.	0.19	.15	.26	.34	.39	.49	.63	.75	0.85	0.90	0.93	0.99			
Dec. 8–9	6.10 p. m.	7.25 a. m.	1.87	7.10 p. m.	7.47 p. m.	.16	.07	.14	.26	.37	.44	.56	.79	.84	.87					
New Orleans, La.:																				
Mar. 23	5.00 a. m.	9.40 a. m.	1.68	6.30 a. m.	7.10 a. m.	.31	.20	.29	.43	.57	.65	.70	.73	.78						
Apr. 17–18	9.10 p. m.	5.20 p. m.	5.92	10.35 p. m.	11.20 p. m.	.77	.07	.11	.17	.26	.58	1.02	1.30	1.40	1.47					
May 31	12.32 p. m.	1.25 p. m.	.76	12.40 p. m.	1.00 p. m.	.02	.06	.26	.43	.52	.54	.56	.65	.74						
June 4	4.00 p. m.	6.30 p. m.	1.52	5.25 p. m.	6.05 p. m.	.45	.13	.37	.51	.57	.65	.81	.95	1.03	1.04	1.06				
June 29	12.14 p. m.	2.55 p. m.	1.96	1.03 p. m.	1.25 p. m.	.88	.12	.20	.40	.55	.60									
July 15–16	10.50 p. m.	12.25 a. m.	1.53	11.05 p. m.	11.45 p. m.	.02	.05	.09	.14	.23	.43	.91	1.27	1.35	1.38	1.41	1.51			
July 18	4.05 p. m.	8.30 p. m.	1.88	4.10 p. m.	4.40 p. m.	.02	.19	.50	.83	1.28	1.51	1.56	1.59							
July 19	11.45 a. m.	4.55 p. m.	2.19	12.30 p. m.	1.15 p. m.	.02	.10	.44	.62	.82	1.23	1.54	1.77	1.91	2.00	2.03				
Aug. 22	1.15 p. m.	1.50 p. m.	1.01	1.20 p. m.	1.40 p. m.	.02	.34	.66	.87	.94	.98	.99								
Sept. 16	1.25 p. m.	3.00 p. m.	1.49	1.33 p. m.	2.05 p. m.	.04	.19	.42	.74	.96	1.15	1.29	1.32	1.35	1.38	1.43	1.45			
Nov. 22	4.05 p. m.	7.30 p. m.	1.98	4.13 p. m.	5.20 p. m.	T.	.16	.37	.71	.87	.97	1.07	1.20	1.30	1.36	1.40	1.63	1.79		
WEST GULF STATES.																				
Little Rock, Ark.:																				
Mar. 8	2.25 p. m.	9.30 p. m.	1.44	7.05 p. m.	8.00 p. m.	.57	.05	.13	.18	.22	.28	.33	.39	.41	.70	.78	.81			
Mar. 9	1.30 p. m.	8.45 p. m.	1.34	6.10 p. m.	6.30 p. m.	.42	.09	.28	.48	.58	.60									
Apr. 12	8.00 p. m.	D. N.	1.58	10.10 p. m.	10.50 p. m.	.55	.09	.13	.23	.33	.44	.68	.85	.89	.92	.96	.98			
Sept. 13–14	5.10 p. m.	6.15 a. m.	3.47	11.50 p. m.	12.30 a. m.	.32	.05	.23	.43	.77	.81	.82	.89	.94						
				3.35 a. m.	5.10 a. m.	1.28	.07	.21	.31	.40	.45	.55	.59	.74	.91	.94	1.17	1.69	2.06	
Sept. 24	1.15 p. m.	2.55 p. m.	1.53	1.15 p. m.	2.25 p. m.	.00	.10	.18	.38	.57	.62	.64	.69	.73	.79	.80	1.14	1.50		
Dec. 13	10.00 a. m.	4.55 p. m.	2.23	1.10 p. m.	2.08 p. m.	.64	.13	.39	.44	.50	.63	.69	.71	.82	.85	.87	1.19			
Fort Worth, Tex.:																				
May 16–17	8.35 p. m.	8.50 a. m.	1.43	8.40 p. m.	9.00 p. m.	.02	.06	.15	.32	.53	.55									
July 31	8.15 p. m.	11.45 p. m.	.77	8.18 p. m.	8.45 p. m.	T.	.06	.10	.20	.37	.58	.63								
Sept. 2	4.55 p. m.	5.55 p. m.	.78	4.55 p. m.	5.35 p. m.	.00	.06	.11	.33	.48	.62	.67	.70	.74	.76					
Oct. 11	7.40 p. m.	10.40 p. m.	1.08	7.42 p. m.	8.05 p. m.	T.	.13	.35	.54	.64	.67	.69								
Galveston, Tex.:																				
Feb. 28	9.25 p. m.	11.20 p. m.	.80	10.05 p. m.	10.43 p. m.	.06	.08	.13	.17	.21	.28	.44	.62	.66						
Apr. 12	3.45 a. m.	2.30 p. m.	2.78	10.45 a. m.	11.35 a. m.	1.53	.11	.22	.35	.45	.52	.55	.59	.67	.75	.80	.87			
July 22	6.10 a. m.	2.10 p. m.	3.07	10.30 a. m.	11.15 a. m.	.40	.24	.74	1.16	1.54	1.94	2.20	2.35	2.48	2.52	2.55				
				5.55 a. m.	6.40 a. m.	.08	.12	.25	.37	.55	.63	.71	.77	.81	.84					
Aug. 7	5.15 a. m.	10.30 a. m.	1.71	8.56 a. m.	9.20 a. m.	1.01	.06	.19	.37	.49	.54	.57								
Aug. 22	1.30 a. m.	12.15 p. m.	3.13	3.45 a. m.	4.15 a. m.	.22	.25	.54	.63	.77	1.22	1.29	1.31							
Sept. 1	5.45 a. m.	8.05 a. m.	1.18	6.10 a. m.	6.54 a. m.	T.	.32	.57	.66	.82	.92	1.02	1.04	1.08	1.18					
Sept. 15	6.30 a. m.	12.30 p. m.	2.76	6.40 a. m.	7.15 a. m.	.01	.22	.56	.88	1.21	1.42	1.70	1.90	1.98	2.00					
				11.30 p. m.	11.59 p. m.	.08	.08	.12	.48	.72	.85	.92								
				1.25 a. m.	2.00 a. m.	1.23	.10	.15	.26	.38	.60	.76	.78							
				7.00 a. m.	7.50 a. m.	2.66	.08	.25	.38	.52	.77	.88	.92	1.28	1.42	1.80				
				7.50 a. m.	8.40 a. m.	.....	2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30				
Oct. 7–8	9.30 p. m.	1.40 p. m.	13.93	8.40 a. m.	9.30 a. m.	.....	3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70				
				9.30 a. m.	10.20 a. m.	.....	5.16	5.48	5.85	6.15	6.48	6.76	6.95	7.17	7.40	7.58				
				10.20 a. m.	11.10 a. m.	.....	7.67	7.74	7.85	7.96	8.09	8.21	8.33	8.43	8.57	8.68				
				11.10 a. m.	11.59 a. m.	.....	8.75	8.80	8.87	9.09	9.25	9.42	9.65	9.86	10.15	10.42				
				11.59 a. m.	1.20 p. m.	.....	10.79	11.03	11.18	11.36	11.46	11.54	11.62	11.68	11.70	11.76	11.79			
Nov. 22	1.00 p. m.	1.35 p. m.	.84	1.10 p. m.	1.30 p. m.	.03	.15	.42	.60	.78	.81									
Dec. 12	1.55 a. m.	6.20 a. m.	.67	5.37 a. m.	5.50 a. m.	.05	.49	.59	.61											
Dec. 28	5.20 a. m.	4.00 p. m.	2.25	5.25 a. m.	7.15 a. m.	T.	.12	.25	.31	.33	.37	.44	.46	.48	.54	.59	.73	1.01	1.29	1.52
OHIO VALLEY AND TENNESSEE.																				
Knoxville, Tenn.:																				
June 21	4.30 a. m.	1.45 p. m.	2.09	6.30 a. m.	7.25 a. m.	.22	.06	.08	.11	.18	.20	.22	.23	.40	.60	.68	.76			
Aug. 5–6	7.40 p. m.	8.30 a. m.	1..7	4.10 a. m.	4.45 a. m.	.40	.12	.16	.22	.24	.44	.55	.64							
Aug. 12	4.05 p. m.	9.50 p. m.	.74	4.15 p. m.	4.25 p. m.	.01	.20	.36	.38											
Sept. 14–15	8.01 p. m.	D. N.	1.02	8.02 p. m.	8.35 p. m.	T.	.32	.47	.55	.65	.67	.75								
Dec. 13	3.25 a. m.	4.15 p. m.	3.43	6.05 a. m.	7.15 a. m.	.53	.12	.20	.25	.34	.48	.52	.56	.60	.69	.79	.89	1.11		
Memphis, Tenn.:																				
Jan. 23–24	10.10 p. m.	2.00 a. m.	1.34	10.20 p. m.	10.50 p. m.	.04	.05	.10	.32	.55	.70	.78	.81							
Mar. 9–10	8.52 p. m.	12.35 a. m.	1.56	9.09 p. m.	9.30 p. m.	.02	.78	.92	.97	1.02	1.05									
May 24	12.45 p. m.	2.15 p. m.	.63	12.53 p. m.	1.05 p. m.	T.	.31	.50	.55	.57										
June 16	8.00 p. m.	8.27 p. m.	.45	8.00 p. m.	8.10 p. m.	.00	.16	.41	.43	.45										
Aug. 18–19	10.32 p. m.	D. N.	1.40	11.00 p. m.	11.25 p. m.	.11	.13	.28	.52	.77	.96	1.01	1.05	1.07						
				2.35 a. m.	3.35 a. m.	.01	.07	.20	.27	.30	.34	.42	.55	.68	.73	.79	1.07	1.23		
Sept. 14	2.00 a. m.	4.30 p. m.	4.66	6.10 a. m.	7.45 a. m.	2.96	.07	.14	.20	.23	.25	.26	.45	.56	.66	.95	1.28	1.58	1.81	
Dec. 13–14	5.21 p. m.	10.22 a. m.	2.06	6.05 p. m.	6.25 p. m.	.10	.09	.29	.57	.73	.75									
Nashville, Tenn.:																				
Mar. 10	2.30 a. m.	7.15 a. m.	.98	2.31 a. m.	2.46 a. m.	T.	.29	.42	.51	.54	.56	.58								
July 18	1.45 p. m.	3.05 p. m.	.82	1.57 p. m.	2.20 p. m.	T.	.19	.47	.62	.73	.78	.80								
July 30	10.53 a. m.	2.40 p. m.	1.07	11.32 a. m.	12.10 p. m.	.08	.13	.26	.46	.57	.68	.75	.80	.84						
Sept. 14	9.40 a. m.	5.30 p. m.	1.99	12.08 p. m.	1.05 p. m.	.28	.27	.47	.55	.59	.66	.68	.72	.93	1.02	1.13	1.23	1.31		
Dec. 13–14	9.21 p. m.	5.35 p. m.	2.09	10.05 p. m.	11.50 p. m.	.29	.05	.11	.17	.25	.35	.44	.74	.86	.94	.97	1.00			
Lexington, Ky.:																				
June 25	5.00 p. m.	5.40 p. m.	.53	5.05 p. m.	5.15 p. m.	T.	.24	.52	.53											
July 3	2.10 p. m.	2.50 p. m.	.79	2.13 p. m.	2.30 p. m.	T.	.32	.64	.72	.76	.78									
Oct. 12	10.38 a. m.	5.05 p. m.	.89	4.00 p. m.	4.30 p. m.	.25	.07	.08	.14	.31	.45	.57								

TABLE SHOWING THE ACCUMULATED AMOUNTS OF PRECIPITATION FOR EACH FIVE MINUTES DURING ALL STORMS OF 1901, ETC.—Continued.

Stations and dates.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated depths of precipitation (in inches) during periods of time indicated.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
OHIO VALLEY AND TENNESSEE—continued.																				
Louisville, Ky.:																				
Mar. 25	4.30 a. m.	9.50 a. m.	0.80	5.17 a. m.	5.45 a. m.	0.02	0.09	0.17	0.32	0.48	0.57	0.60	.....	.....	.....	.....	.....	.....	.....	.....
July 3	4.30 p. m.	5.07 p. m.	.95	4.30 p. m.	5.05 p. m.	.00	.15	.33	.39	.57	.81	.90	0.95	.....	.....	.....	.....	.....	.....	.....
July 3	6.31 p. m.	10.05 p. m.	1.38	6.31 p. m.	7.05 p. m.	.00	.10	.25	.47	.67	.89	1.10	1.18	1.20	1.22	1.24	.....	.....	.....	.....
Aug. 19	2.55 p. m.	3.35 p. m.	.52	3.05 p. m.	3.25 p. m.	T.	.09	.29	.41	.49	.52	.....	.....	.....	.....	.....	.....	.....	.....	.....
Evansville, Ind.:																				
Aug. 23	2.25 a. m.	4.30 a. m.	1.02	3.10 a. m.	3.25 a. m.	.45	.21	.47	.54	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 11–12	7.40 p. m.	4.10 p. m.	4.18	12.15 p. m.	1.25 p. m.	2.70	.05	.09	.17	.27	.38	.48	.56	.64	.69	.75	0.92	1.06	.....	.....
Indianapolis, Ind.:																				
June 22–23	11.40 p. m.	D. N.	1.32	12.02 a. m.	12.15 a. m.	.02	.22	.47	.54	.56	.58	.64	.68	.....	.....	.....	.....	.....	.....	.....
Aug. 19	3.30 p. m.	4.15 p. m.	1.19	3.42 p. m.	4.05 p. m.	.03	.27	.65	.96	1.07	1.15	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati, Ohio:																				
July 30	6.10 p. m.	10.05 p. m.	1.22	6.30 p. m.	7.00 p. m.	.01	.19	.32	.40	.48	.59	.73	.76	.81	.....	.....	.....	.....	.....	.....
Columbus, Ohio:																				
May 7	3.20 p. m.	3.47 p. m.	.53	3.25 p. m.	3.40 p. m.	T.	.09	.24	.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 16	4.35 p. m.	5.55 p. m.	.63	5.15 p. m.	5.30 p. m.	.02	.09	.35	.52	.54	.56	.60	.....	.....	.....	.....	.....	.....	.....	.....
June 23	D. N.	D. N.	2.30	1.55 a. m.	2.45 a. m.	.01	.09	.18	.61	.07	1.49	1.74	1.94	2.06	2.10	2.15	.....	.....	.....	.....
June 24	6.15 p. m.	6.56 p. m.	.72	6.20 p. m.	6.55 p. m.	.01	.09	.16	.20	.29	.39	.61	.71	.....	.....	.....	.....	.....	.....	.....
Aug. 30	4.53 p. m.	7.35 p. m.	.90	5.50 p. m.	6.10 p. m.	.17	.15	.25	.51	.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pittsburg, Pa.:																				
May 2	7.55 p. m.	11.00 p. m.	.60	9.20 p. m.	9.30 p. m.	T.	.34	.42	.45	.46	.46	.46	.50	.56	.....	.....	.....	.....	.....	.....
June 24	2.10 p. m.	3.15 p. m.	1.04	2.20 p. m.	2.50 p. m.	.02	.16	.32	.45	.67	.82	.95	.97	1.00	.....	.....	.....	.....	.....	.....
Aug. 24	1.15 p. m.	3.15 p. m.	.94	1.22 p. m.	1.40 p. m.	T.	.13	.44	.74	.82	.84	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parkersburg, W. Va.:																				
June 13	5.55 p. m.	7.51 p. m.	1.85	6.10 p. m.	6.45 p. m.	T.	.10	.23	.46	.75	.96	1.35	1.56	1.66	1.71	.....	.....	.....	.....	.....
June 25	D. N.	2.33 a. m.	.82	1.15 a. m.	1.40 a. m.	.02	.22	.45	.52	.58	.66	.68	.....	.....	.....	.....	.....	.....	.....	.....
June 26	7.50 a. m.	8.40 p. m.	1.70	7.50 p. m.	8.20 p. m.	.00	.13	.49	.90	1.21	1.53	1.65	1.67	1.69	.....	.....	.....	.....	.....	.....
Sept. 10	2.57 p. m.	4.20 p. m.	.50	3.02 p. m.	3.22 p. m.	T.	.20	.35	.40	.49	.50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elkins, W. Va.:																				
June 13	12.38 p. m.	1.25 p. m.	.64	12.40 p. m.	1.10 p. m.	T.	.06	.30	.44	.52	.58	.62	.63	.64	.....	.....	.....	.....	.....	.....
June 26	2.20 p. m.	3.28 p. m.	.74	2.50 p. m.	3.05 p. m.	.01	.35	.63	.70	.72	.73	.....	.....	.....	.....	.....	.....	.....	.....	.....
LOWER LAKE REGION.																				
Buffalo, N. Y.:																				
July 5	8.05 p. m.	9.15 p. m.	1.18	8.15 p. m.	8.45 p. m.	.02	.23	.53	.83	.93	1.01	1.10	1.11	1.15	.....	.....	.....	.....	.....	.....
Cleveland, Ohio:																				
July 4	7.40 p. m.	D. N.	1.54	7.50 p. m.	8.35 p. m.	T.	.07	.41	.74	.96	1.12	1.20	1.28	1.34	1.39	.....	.....	.....	.....	.....
Aug. 17	4.13 p. m.	7.06 p. m.	1.82	6.00 p. m.	6.55 p. m.	.86	.10	.28	.41	.48	.61	.69	.73	.78	.85	.99	.94	.....	.....	.....
Aug. 20	4.11 p. m.	5.10 p. m.	1.78	4.30 p. m.	4.50 p. m.	T.	.37	1.04	1.46	1.77	1.78	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 1	6.00 a. m.	1.35 p. m.	3.76	8.10 a. m.	9.40 a. m.	.44	.17	.21	.25	.28	.36	.49	.75	1.09	1.36	1.56	1.70	1.90	2.09	.....
				11.00 a. m.	12.01 p. m.	2.75	.05	.17	.27	.34	.40	.22	.44	.51	.60	.68	.99	.....	.....	.....
Sandusky, Ohio:																				
June 17	1.25 p. m.	2.40 p. m.	.98	1.39 p. m.	2.00 p. m.	.01	.36	.56	.77	.92	.95	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 22	1.26 p. m.	1.53 p. m.	.68	1.31 p. m.	1.40 p. m.	.01	.45	.56	.67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 30	1.58 p. m.	4.09 p. m.	.93	2.25 p. m.	3.00 p. m.	.02	.09	.10	.15	.25	.41	.68	.78	.81	.83	.....	.....	.....	.....	.....
Toledo, Ohio:																				
June 11	11.58 a. m.	12.25 p. m.	.60	11.55 a. m.	12.10 p. m.	T.	.16	.38	.59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 24	9.10 p. m.	D. N.	1.12	9.18 p. m.	9.50 p. m.	T.	.20	.42	.45	.53	.72	.94	1.01	1.04	.....	.....	.....	.....	.....	.....
July 4–5	6.02 p. m.	7.45 a. m.	1.16	6.15 p. m.	6.45 p. m.	T.	.13	.36	.51	.62	.66	.72	.74	.77	.....	.....	.....	.....	.....	.....
July 26	1.00 a. m.	D. N.	.61	1.05 a. m.	1.20 a. m.	.01	.19	.39	.50	.53	.56	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 30	4.05 p. m.	7.20 p. m.	1.42	6.30 p. m.	6.45 p. m.	.54	.24	.46	.71	.74	.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
Detroit, Mich.:																				
July 26–27	10.45 p. m.	5.40 a. m.	1.61	12.15 a. m.	12.50 a. m.	.16	.08	.15	.20	.24	.40	.60	.67	.....	.....	.....	.....	.....	.....	.....
Aug. 22	10.45 p. m.	D. N.	.73	11.00 p. m.	11.15 p. m.	.04	.19	.41	.52	.54	.55	.61	.69	.....	.....	.....	.....	.....	.....	.....
Aug. 23	5.10 p. m.	7.00 p. m.	1.56	5.19 p. m.	5.53 p. m.	.05	.35	.67	.80	.97	1.10	1.22	1.31	1.35	.....	.....	.....	.....	.....	.....
UPPER LAKE REGION.																				
Escanaba, Mich.:																				
June 22	2.20 a. m.	7.52 a. m.	.86	2.42 a. m.	3.05 a. m.	.02	.10	.30	.46	.72	.82	.83	.....	.....	.....	.....	.....	.....	.....	.....
July 5	D. N.	7.40 a. m.	1.81	4.20 a. m.	4.55 a. m.	.31	.12	.26	.37	.48	.62	.73	.81	.....	.....	.....	.....	.....	.....	.....
Chicago, Ill.:																				
June 5	4.43 p. m.	8.09 p. m.	.92	5.22 p. m.	5.52 p. m.	T.	.29	.46	.63	.70	.79	.88	.....	.....	.....	.....	.....	.....	.....	.....
July 1	1.32 p. m.	5.45 p. m.	1.56	3.14 p. m.	3.35 p. m.	.40	.29	.57	.77	.96	1.04	1.07	.....	.....	.....	.....	.....	.....	.....	.....
Duluth, Minn.:																				
June 28	5.10 p. m.	6.20 p. m.	1.13	5.55 p. m.	6.15 p. m.	.15	.34	.74	.89	.94	.98	.....	.....	.....	.....	.....	.....	.....	.....	.....
NORTH DAKOTA.																				
Bismarck, N. Dak.:																				
June 13	8.55 p. m.	D. N.	1.34	10.05 p. m.	10.43 p. m.	.05	.46	.71	.95	1.00	1.05	1.10	1.12	1.20	.....	.....	.....	.....	.....	.....
Aug. 8	3.42 p. m.	4.35 p. m.	.60	4.00 p. m.	4.20 p. m.	.04	.07	.31	.45	.52	.56	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE SHOWING THE ACCUMULATED AMOUNTS OF PRECIPITATION FOR EACH FIVE MINUTES DURING ALL STORMS OF 1901, ETC.—Continued.

Stations and dates.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated depths of precipitation (in inches) during periods of time indicated.														
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
UPPER MISSISSIPPI VALLEY—cont'd.																				
St. Paul, Minn.:																				
June 14	3.17 p. m.	4.10 p. m.	1.02	3.30 p. m.	3.50 p. m.	T.	0.18	0.36	0.70	1.02										
June 28	4.15 p. m.	5.25 p. m.	1.46	4.48 p. m.	5.18 p. m.	T.	.27	.45	.60	.90	1.25	1.45								
Des Moines, Iowa:																				
July 1	3.15 p. m.	5.15 p. m.	.78	3.18 p. m.	3.30 p. m.	T.	.49	.64	.73											
Cairo, Ill.:																				
June 4–5	10.48 p. m.	2.30 p. m.	.83	1.35 a. m.	2.13 a. m.	.14	.08	.26	.38	.43	.46	.63	0.69							
July 5	10.42 a. m.	1.35 p. m.	1.21	10.59 a. m.	11.30 a. m.	.01	.08	.12	.16	.42	.70	.90	.93							
July 30	1.07 a. m.	8.10 a. m.	3.23	6.15 a. m.	7.30 a. m.	1.21	.25	.44	.47	.59	.76	.85	1.01	1.21	1.43	1.54	1.54	2.00		
Springfield, Ill.:																				
May 5	5.45 p. m.	8.15 p. m.	1.06	6.20 p. m.	6.45 p. m.	T.	.18	.49	.68	.89	.95	.99	1.02							
June 26	8.15 a. m.	1.30 p. m.	1.49	9.45 a. m.	11.05 a. m.	.09	.06	.13	.19	.29	.36	.46	.56	.62	.65	.69	.75	1.16		
Sept. 14	12.30 p. m.	2.00 p. m.	.69	12.55 p. m.	1.20 p. m.	T.	.07	.28	.46	.61	.69									
St. Louis, Mo.:																				
June 4	5.55 p. m.	11.56 p. m.	2.29	6.45 p. m.	8.25 p. m.	.27	.09	.22	.33	.49	.51	.53	.58	.67	.75	.80	.82	.84	1.33	
				11.35 p. m.	11.50 p. m.	1.65	.25	.50	.65											
July 2	4.37 p. m.	6.10 p. m.	.81	4.43 p. m.	5.25 p. m.	T.	.14	.26	.29	.42	.47	.52								
July 3	4.38 p. m.	5.28 p. m.	.63	4.39 p. m.	5.00 p. m.	T.	.15	.35	.50	.55	.56									
MISSOURI VALLEY.																				
Kansas City, Mo.:																				
June 22	6.20 p. m.	7.58 p. m.	1.76	6.45 p. m.	7.45 p. m.	.04	.05	.23	.55	.74	.91	1.13	1.20	1.24	1.33	1.51	1.70			
Topeka, Kans.:																				
July 27	6.15 a. m.	8.35 a. m.	1.74	6.25 a. m.	8.05 a. m.	.02	.12	.22	.26	.28	.32	.47	.67	.74	.76	.79	.90	1.27	1.70	
July 28	5.15 a. m.	7.00 a. m.	1.49	6.15 a. m.	6.45 a. m.	.36	.09	.37	.64	.90	1.07	1.10								
Aug. 4	12.55 a. m.	8.55 a. m.	.80	1.35 a. m.	2.00 a. m.	.18	.07	.13	.28	.44	.54	.56								
Sept. 13	4.45 p. m.	10.20 p. m.	4.00	5.40 p. m.	6.50 p. m.	.11	.43	.75	.97	1.12	1.60	1.78	2.14	2.32	2.37	2.53	2.81	2.92		
Lincoln, Nebr.:																				
May 4–5	12.51 p. m.	D. N.	1.52	10.10 p. m.	10.45 p. m.	.70	.06	.09	.15	.40	.60	.69	.73	.75						
June 3	9.04 p. m.	11.30 p. m.	.61	9.20 p. m.	9.40 p. m.	T.	.24	.38	.48	.54	.56									
July 1–2	4.35 p. m.	D. N.	1.49	4.40 p. m.	5.30 p. m.	T.	.16	.22	.34	.49	.55	.61	.79	.96	1.04	1.15	1.20			
Sept. 10	8.30 p. m.	10.45 p. m.	1.59	10.06 p. m.	10.30 p. m.	.64	.06	.18	.53	.81	.93									
Omaha, Nebr.:																				
June 4	7.02 p. m.	7.45 p. m.	.50	7.10 p. m.	7.25 p. m.	T.	.09	.20	.45	.46										
Oct. 30	8.30 p. m.	D. N.	1.04	8.40 p. m.	9.05 p. m.	T.	.11	.23	.45	.72	.80	.82	.85							
Huron, S. Dak.:																				
June 13–14	10.45 p. m.	D. N.	.75	11.35 p. m.	11.50 p. m.	.04	.07	.23	.41	.44	.46									
June 14–15	9.08 p. m.	D. N.	1.61	12.05 a. m.	12.35 a. m.	T.	.15	.91	1.00	.18	1.31	1.36	1.37							
Aug. 8	9.45 p. m.	11.45 p. m.	1.33	9.50 p. m.	10.35 p. m.	.02	.13	.36	.69	.92	1.02	1.08	1.13	1.18	1.23					
Sept. 24	8.07 p. m.	1.05 a. m.	1.57	8.45 p. m.	9.20 p. m.	.08	.08	.24	.43	.56	.70	.88	1.00	1.01	1.02	1.07	1.10			
Yankton, S. Dak.:																				
June 15	3.55 p. m.	4.55 p. m.	1.10	4.15 p. m.	4.45 p. m.	.09	.21	.32	.51	.71	.86	.98	1.00							
Aug. 9	1.15 a. m.	3.00 a. m.	.90	1.20 a. m.	1.50 a. m.	.01	.15	.31	.49	.62	.74	.77	.80							
MIDDLE SLOPE.																				
Pueblo, Colo.:																				
July 2	7.30 p. m.	9.45 p. m.	.57	7.33 p. m.	7.48 p. m.	T.	.27	.43	.51	.53	.55									
Oklahoma, Okla.:																				
June 8	12.53 a. m.	6.00 a. m.	1.07	12.58 a. m.	1.06 a. m.	.00	.39	.62	.67	.68										
June 19–20	11.30 p. m.	2.30 a. m.	.55	12.20 a. m.	12.35 a. m.	.04	.05	.23	.46	.47	.50									
Aug. 12	5.40 a. m.	9.45 a. m.	1.83	5.45 a. m.	6.45 p. m.	T.	.04	.29	.47	.58	.72	.95	1.08	1.14	1.17	1.37	1.58	1.71		
SOUTH PAC. COAST REGION.																				
San Diego, Cal.:																				
Feb. 8–9	9.20 p. m.	9.20 a. m.	1.54	10.20 p. m.	10.55 p. m.	.18	.07	.16	.34	.42	.50	.56	.68	.72						
WEST INDIES.																				
Basseterre, St. Kitts:																				
June 24	6.35 p. m.	7.00 p. m.	.58	6.37 p. m.	6.55 p. m.	T.	.31	.46	.50	.52										
June 24–25	10.00 p. m.	D. N.	1.67	10.30 p. m.	11.50 p. m.	.12	.09	.18	.27	.31	.38	.44	.48	.52	.67	.82	.96	1.34		
July 21	3.55 p. m.	4.35 p. m.	1.38	3.55 p. m.	4.25 p. m.	.00	.24	.56	.77	1.03	1.24	1.33	1.35							
Sept. 11	2.02 p. m.	10.00 p. m.	3.64	3.00 p. m.	4.55 p. m.	.15	.10	.22	.36	.49	.62	.79	1.02	1.16	1.34	1.49	1.69	2.04	2.33	2.78
Sept. 19	8.35 a. m.	2.55 p. m.	1.24	9.05 a. m.	9.35 a. m.	.03	.06	.21	.42	.57	.66	.72								
Oct. 9	1.30 p. m.	5.10 p. m.	1.44	1.30 p. m.	2.03 p. m.	.00	.15	.38	.59	.83	1.11	1.31	1.40							
				6.15 a. m.	7.10 a. m.	.29	.07	.18	.20	.49	.62	.86	.94	.97	.97	1.09	1.20			
Nov. 1	12.15 a. m.	10.35 p. m.	6.70	10.25 a. m.	11.15 a. m.	1.68	.14	.38	.44	.46	.50	.67	.77	.88	1.16	1.44				
				12.30 p. m.	1.10 p. m.	3.41	.25	.48	.59	.68	.79	1.02	1.27	1.39						
				2.25 p. m.	3.15 p. m.	.54	.11	.18	.21	.30	.40	.58	.61	.63	.65	.71				
Nov. 2–3	10.48 a. m.	6.50 a. m.	5.86	3.15 p. m.	4.20 p. m.	T.	.88	1.14	1.18	1.24	1.37	1.43	1.49	1.53	1.68	1.83	2.15			

TABLE SHOWING THE ACCUMULATED AMOUNTS OF PRECIPITATION FOR EACH FIVE MINUTES DURING ALL STORMS OF 1901, ETC.—Continued.

Stations and dates.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated depths of precipitation (in inches) during periods of time indicated.														
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
WEST INDIES—continued.																				
Bridgetown, Barbados:																				
June 3	4.40 a. m.	10.15 p. m.	2.18	5.05 a. m.	5.45 a. m.	0.08	0.05	0.08	0.12	0.16	0.33	0.50	0.54	0.71	0.74	0.75	....	....	....	....
July 5–6	3.55 p. m.	7.03 a. m.	4.46	4.50 p. m.	5.50 p. m.	.09	.09	.25	.35	.44	.58	.84	1.03	1.19	1.31	1.47	1.62	....	....	....
				6.40 p. m.	7.15 p. m.	2.12	.25	.44	.57	.71	.94	1.05	1.13	1.15	1.19	1.27	1.47	....	....	....
July 20	8.55 a. m.	11.40 a. m.	1.42	11.05 a. m.	11.30 a. m.	.56	.06	.20	.86	.71	.86	....	....	....	....	....	....	....	....	....
Aug. 19–20	5.30 a. m.	10.25 p. m.	8.65	7.50 a. m.	8.15 a. m.	.16	.06	.12	.21	.30	.35	.40	.47	.57	.63	.69	.90	1.33	....	....
				11.40 a. m.	12.25 p. m.	1.82	.10	.23	.32	.33	.41	.55	.74	.91	1.10	1.11	1.18	....	....	....
				5.40 p. m.	6.30 p. m.	4.84	.13	.27	.35	.50	.60	.69	.75	.89	1.03	1.09	1.17	1.43	....	....
				7.30 p. m.	8.25 p. m.	6.51	.12	.29	.51	.72	.88	1.10	1.21	1.37	1.59	1.70	1.98	....	....	....
Sept. 17	1.19 p. m.	10.40 p. m.	2.04	6.55 p. m.	7.14 p. m.	1.10	.05	.33	.58	.69	.70	....	....	....	....	....	....	....	....	....
Sept. 29	9.18 a. m.	4.12 p. m.	1.70	11.15 a. m.	11.45 a. m.	.80	.07	.32	.54	.72	.77	.81	....	....	....	....	....	....	....	....
Cienfuegos, Cuba:																				
Jan. 5	4.20 p. m.	7.00 p. m.	.77	4.28 p. m.	4.45 p. m.	.02	.16	.40	.54	.58	....	....	....	....	....	....	....	....	....	....
Jan. 13	4.30 p. m.	7.30 p. m.	.88	4.45 p. m.	5.15 p. m.	T.	.14	.23	.42	.51	.69	.74	....	....	....	....	....	....	....	....
Feb. 15	12.45 p. m.	1.15 p. m.	.59	12.45 p. m.	1.05 p. m.	.00	.19	.29	.46	.58	....	....	....	....	....	....	....	....	....	....
Feb. 19	10.20 p. m.	11.00 p. m.	1.07	10.21 p. m.	11.00 p. m.	T.	.07	.28	.54	.64	.71	.74	.93	1.07	....	....	....	....	....	....
Mar. 27	3.55 p. m.	6.35 p. m.	.85	3.59 p. m.	4.14 p. m.	T.	.19	.49	.75	....	....	....	....	....	....	....	....	....	....	....
July 11	5.21 p. m.	10.00 p. m.	1.93	6.05 p. m.	6.40 p. m.	.54	.10	.27	.62	.90	1.05	1.13	1.21	....	....	....	....	....	....	....
July 24	12.52 p. m.	2.15 p. m.	1.13	1.08 p. m.	1.35 p. m.	.02	.22	.50	.86	.91	.96	1.01	1.03	1.09	....	....	....	....	....	....
Aug. 30	5.14 p. m.	8.00 p. m.	.61	5.18 p. m.	5.40 p. m.	T.	.18	.37	.44	.54	.59	....	....	....	....	....	....	....	....	....
Sept. 5	5.13 p. m.	10.40 p. m.	.86	7.20 p. m.	7.45 p. m.	.04	.07	.28	.50	.63	.66	.79	....	....	....	....	....	....	....	....
Sept. 27	1.45 a. m.	4.30 a. m.	2.29	2.09 a. m.	3.00 a. m.	.06	.35	.61	.71	.87	1.14	1.46	1.68	1.78	1.91	2.04	2.12	....	....	....
Dec. 2	5.47 p. m.	9.25 p. m.	1.04	6.40 p. m.	7.05 p. m.	.08	.31	.58	.78	.81	.86	.89	....	....	....	....	....	....	....	....
Havana, Cuba:																				
Jan. 5	6.20 a. m.	7.06 p. m.	5.36	9.05 a. m.	9.55 a. m.	.55	.12	.23	.29	.40	.43	.53	.60	.62	.64	.71	....	....	....	....
				9.55 a. m.	10.45 a. m.	....	.86	1.07	1.24	1.45	1.67	1.74	1.87	1.93	2.01	2.10	....	....	....	....
				10.45 a. m.	11.35 p. m.	2.15	2.18	2.20	2.24	2.33	2.49	2.70	2.91	3.11	3.22	3.30	3.58	....	....	....
Jan. 17	4.17 p. m.	6.45 p. m.	1.32	5.15 p. m.	5.45 p. m.	.33	.06	.15	.32	.53	.69	.81	.84	.86	.89	....	....	....	....	....
May 13	2.33 p. m.	3.11 p. m.	.72	2.37 p. m.	3.00 p. m.	T.	.19	.37	.52	.65	.71	....	....	....	....	....	....	....	....	....
May 20–21	11.24 a. m.	8.10 a. m.	6.66	3.45 p. m.	4.25 p. m.	.53	.10	.31	.50	.65	.74	.83	.98	1.06	....	....	....	....	....	....
				9.35 p. m.	10.20 p. m.	3.47	.06	.17	.28	.41	.45	.48	.62	.75	.81	....	....	....	....	....
				2.35 a. m.	3.15 a. m.	5.14	.12	.40	.52	.74	.78	.85	.89	.96	....	....	....	....	....	....
May 22	1.02 p. m.	1.20 p. m.	.72	1.07 p. m.	1.19 p. m.	T.	.19	.60	.72	....	....	....	....	....	....	....	....	....	....	....
June 16	12.55 p. m.	3.30 p. m.	2.25	1.01 p. m.	2.06 p. m.	T.	.12	.27	.34	.38	.44	.65	.94	1.24	1.45	1.73	2.08	2.19	....	....
June 20	11.09 a. m.	2.00 p. m.	1.10	12.12 p. m.	12.47 p. m.	.01	.21	.40	.49	.66	.88	.98	1.05	....	....	....	....	....	....	....
July 8	3.35 p. m.	5.10 p. m.	2.78	3.55 p. m.	5.09 p. m.	T.	.16	.46	.58	.72	.96	1.23	1.36	1.65	2.01	2.19	2.66	2.78	....	....
July 30	1.05 p. m.	2.50 p. m.	1.75	1.14 p. m.	2.34 p. m.	T.	.06	.13	.22	.34	.38	.47	.71	1.08	1.16	1.22	1.47	1.74	....	....
Aug. 14	2.30 p. m.	4.10 p. m.	1.24	2.33 p. m.	2.55 p. m.	T.	.25	.64	.93	1.08	1.14	....	....	....	....	....	....	....	....	....
Aug. 22	2.20 p. m.	6.25 p. m.	1.88	5.30 p. m.	6.10 p. m.	.03	.11	.29	.48	.90	1.14	1.35	1.58	1.80	....	....	....	....	....	....
Aug. 30	3.23 p. m.	7.15 p. m.	1.33	3.35 p. m.	4.00 p. m.	.01	.12	.31	.54	.74	.84	.88	.93	....	....	....	....	....	....	....
Sept. 2	1.25 p. m.	2.00 p. m.	.78	1.25 p. m.	1.52 p. m.	.00	.21	.42	.62	.74	.78	....	....	....	....	....	....	....	....	....
Kingston, Jamaica:																				
Apr. 17	4.26 p. m.	4.58 p. m.	.58	4.32 p. m.	4.50 p. m.	T.	.19	.44	.54	.58	....	....	....	....	....	....	....	....	....	....
June 17–18	3.15 p. m.	8.00 a. m.	4.73	8.15 p. m.	9.05 p. m.	.89	.05	.14	.31	.45	.65	.85	.89	.93	.95	.98	....	....	....	....
				9.05 p. m.	9.55 p. m.	....	1.02	1.08	1.17	1.30	1.42	1.55	1.60	1.66	1.71	1.76	....	....	....	....
				9.55 p. m.	10.35 p. m.	....	1.83	1.98	2.16	2.35	2.48	2.58	2.64	2.70	2.73	2.76	2.79	....	....	....
July 5–6	10.43 a. m.	7.15 a. m.	3.18	11.40 a. m.	1.15 p. m.	.31	.16	.31	.42	.49	.57	.69	.76	.81	.86	.89	.94	1.17	1.42	....
July 24	6.46 p. m.	8.42 p. m.	1.39	6.57 p. m.	7.40 p. m.	T.	.25	.37	.39	.45	.65	.75	.98	1.11	1.17	1.20	1.28	1.38	....	....
Sept. 13–14	9.26 p. m.	8.40 a. m.	1.75	10.10 p. m.	10.25 p. m.	.05	.24	.42	.53	.55	.57	....	....	....	....	....	....	....	....	....
Sept. 29	12.43 p. m.	2.43 p. m.	1.60	1.20 p. m.	2.15 p. m.	.04	.18	.40	.43	.46	.56	.69	.85	1.05	1.25	1.35	1.46	....	....	....
Oct. 7	12.37 p. m.	1.56 p. m.	1.01	12.40 p. m.	1.15 p. m.	T.	.10	.24	.41	.44	.59	.79	.96	....	....	....	....	....	....	....
Oct. 25	2.40 p. m.	6.50 p. m.	4.01	4.45 p. m.	16.50 p. m.	.53	.12	.14	.25	.32	.39	.52	.73	.79	.81	1.02	1.27	[1]2.16	[1]2.76	[1]3.36
Oct. 31	1.50 p. m.	3.34 p. m.	1.52	2.50 p. m.	3.10 p. m.	.08	.36	.85	1.23	1.45	1.47	....	....	....	....	....	....	....	....	....
Port of Spain, Trinidad:																				
May 24	10.06 a. m.	12.13 p. m.	.99	11.35 a. m.	12.02 p. m.	.26	.08	.21	.35	.48	.60	.74	....	....	....	....	....	....	....	....
May 27	9.44 a. m.	10.58 a. m.	.85	9.55 a. m.	10.15 a. m.	.01	.22	.46	.76	.80	.83	....	....	....	....	....	....	....	....	....
May 30	8.06 a. m.	4.40 p. m.	1.17	8.30 a. m.	9.15 a. m.	.08	.04	.32	.49	.61	.65	....	....	....	....	....	....	....	....	....
May 31	D. N.	7.40 a. m.	1.57	4.25 a. m.	5.30 a. m.	.28	.11	.24	.40	.54	.59	.70	.74	.78	.78	.80	1.04	1.22	....	....
June 21	11.09 a. m.	11.58 a. m.	.75	11.10 a. m.	11.45 a. m.	T.	.16	.18	.21	.43	.58	.68	.72	.74	....	....	....	....	....	....
June 29	9.33 a. m.	11.48 a. m.	.91	9.33 a. m.	9.55 a. m.	.00	.35	.51	.61	.71	.75	....	....	....	....	....	....	....	....	....
July 31	11.19 a. m.	3.30 p. m.	1.80	12.15 p. m.	12.35 p. m.	.20	.15	.48	.73	.90	.93	....	....	....	....	....	....	....	....	....
				2.00 p. m.	2.12 p. m.	1.13	.27	.50	.53	....	....	....	....	....	....	....	....	....	....	....
Aug. 6	8.27 a. m.	10.15 a. m.	1.13	8.45 a. m.	9.10 a. m.	.01	.17	.38	.58	.79	.87	.88	.96	1.00	1.05	....	....	....	....	....
Aug. 17	10.34 a. m.	11.09 a. m.	.70	10.35 a. m.	10.55 a. m.	T.	.13	.40	.63	.69	.70	....	....	....	....	....	....	....	....	....
Aug. 18	12.02 p. m.	12.39 p. m.	1.02	12.04 p. m.	12.34 p. m.	T.	.07	.19	.39	.65	.91	1.02	....	....	....	....	....	....	....	....
Sept. 15	10.55 a. m.	1.01 p. m.	2.09	11.20 a. m.	12.15 p. m.	.02	.16	.46	.74	.97	1.10	1.21	1.35	1.48	1.62	1.87	2.03	....	....	....
Oct. 10	10.38 a. m.	11.56 a. m.	2.74	10.43 a. m.	11.30 a. m.	T.	.18	.39	.77	1.05	1.26	1.54	1.98	2.35	2.64	2.72	2.74	....	....	....
Oct. 18	12.22 p. m.	2.10 p. m.	1.02	12.38 p. m.	1.25 p. m.	.03	.07	.16	.35	.54	.68	.76	.81	.83	.90	.96	.98	....	....	....
Nov. 7	10.09 a. m.	11.12 a. m.	1.16	10.45 a. m.	11.06 a. m.	.01	.28	.47	.77	1.12	1.15	....	....	....	....	....	....	....	....	....
	12.59 p. m.	4.06 p. m.	1.87	1.06 p. m.	1.30 p. m.	T.	.16	.36	.77	1.13	1.41	1.43	1.46	1.46	1.49	1.50	1.86	....	....	....
Nov. 16	11.18 a. m.	1.23 p. m.	1.19	12.18 p. m.	12.48 p. m.	.13	.07	.17	.44	.75	.91	.98	1.01	....	....	....	....	....	....	....
Dec. 31	9.34 a. m.	4.02 p. m.	1.53	1.41 p. m.	2.00 p. m.	.89	.21	.39	.51	.64	.56	.59	....	....	....	....	....	....	....	....
Puerto Principe, Cuba:																				
May 12	4.11 p. m.	5.35 p. m.	.98	4.14 p. m.	4.35 p. m.	.01	.33	.50	.63	.71	.77	.79	....	....	....	....	....	....	....	....
May 21	11.50 a. m.	5.15 p. m.	1.88	11.53 a. m.	12.20 p. m.	T.	.09	.30	.46	.64	.74	.79	.83	.86	.89	....	....	....	....	....
May 22	10.45 a. m.	11.59 a. m.	1.07	10.45 a. m.	11.10 a. m.	.00	.06	.42	.69	.83	.88	.90	.92	.97	1.02	....	....	....	....	....
June 4	4.26 p. m.	5.20 p. m.	.73	4.30 p. m.	4.55 p. m.	.01	.31	.52	.61	.64	.68	....	....	....	....	....	....	....	....	....
June 8	2.00 p. m.	3.10 p. m.	.81	2.05 p. m.	2.23 p. m.	T.	.13	.45	.75	.80	....	....	....	....	....	....	....	....	....	....

[1] Estimated.

TABLE SHOWING THE ACCUMULATED AMOUNTS OF PRECIPITATION FOR EACH FIVE MINUTES DURING ALL STORMS OF 1901, ETC.—Continued.

Stations and dates.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated depths of precipitation (in inches) during periods of time indicated.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
WEST INDIES—continued.																				
Puerto Principe, Cuba—Cont'd.																				
June 13	3.48 p. m.	9.30 p. m.	3.25	3.48 p. m.	5.05 p. m.	0.00	0.24	0.48	0.70	0.92	1.14	1.36	1.58	1.80	2.02	2.24	2.68	3.05	.....	.....
June 17–18	6.17 p. m.	D. N.	1.56	6.20 p. m.	7.20 p. m.	.01	.07	.15	.23	.37	.53	.62	.73	.78	.83	.88	.98	1.08	.....	.....
June 18	11.15 a. m.	7.20 p. m.	2.52	3.54 p. m.	4.34 p. m.	.83	.37	.74	.79	.82	.88	1.12	1.26	1.35	.....	.....	.....	.....	.....	.....
July 3	3.45 p. m.	6.40 p. m.	1.42	4.25 p. m.	5.00 p. m.	T.	.13	.28	.36	.42	.51	.65	.84	.....	.....	.....	.....	.....	.....	.....
July 19	5.17 p. m.	10.45 p. m.	2.42	5.20 p. m.	6.10 p. m.	T.	.11	.23	.35	.50	.71	1.07	1.76	1.90	1.99	2.08	2.13	.....	.....	.....
Sept. 1	4.55 p. m.	7.45 p. m.	.97	5.00 p. m.	5.35 p. m.	.01	.08	.26	.46	.59	.70	.80	.85	.88	.....	.....	.....	.....	.....	.....
Sept. 6	3.08 p. m.	D. N.	2.28	3.08 p. m.	4.00 p. m.	.00	.21	.38	.44	.50	.62	.55	.57	.64	.86	1.05	1.38	.....	.....	.....
Sept. 10	3.20 p. m.	8.30 p. m.	1.30	3.20 p. m.	4.00 p. m.	.00	.11	.35	.65	.77	.93	1.12	1.19	1.24	.....	.....	.....	.....	.....	.....
Sept. 30	5.23 p. m.	6.22 p. m.	.86	5.33 p. m.	5.50 p. m.	.02	.27	.60	.73	.76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 1	5.48 p. m.	7.05 p. m.	.97	5.56 p. m.	6.25 p. m.	.02	.21	.30	.42	.63	.80	.86	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 4	11.40 a. m.	12.23 p. m.	.52	11.45 a. m.	12.05 p. m.	.01	.09	.37	.41	.46	.49	.....	.....	.....	.....	.....	.....	.....	.....	.....
Roseau, Dominica:																				
July 2	11.15 a. m.	1.15 p. m.	.96	12.08 p. m.	1.00 p. m.	.07	.17	.28	.37	.40	.42	.46	.58	.69	.76	.87	.89	.....	.....	.....
July 6	D. N.	11.45 a. m.	3.30	8.50 a. m.	10.25 a. m.	.99	.30	.33	.35	.42	.45	.62	.65	.76	.99	1.10	1.12	1.55	1.87	.....
Aug. 29	8.02 a. m.	10.04 a. m.	1.54	8.49 a. m.	9.50 a. m.	.01	.12	.27	.46	.56	.76	.87	1.03	1.07	1.13	1.27	1.50	.....	.....	.....
Sept. 11	10.13 a. m.	10.37 a. m.	.64	10.17 a. m.	10.32 a. m.	T.	.15	.42	.63	.64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 18–19	10.00 p. m.	9.50 a. m.	1.28	10.12 p. m.	10.45 p. m.	.05	.13	.29	.46	.62	.71	.79	.84	.....	.....	.....	.....	.....	.....	.....
Nov. 3	6.13 p. m.	8.30 p. m.	.92	6.20 p. m.	6.50 p. m.	.01	.06	.21	.41	.54	.63	.69	.73	.75	.....	.....	.....	.....	.....	.....
San Juan, Porto Rico:																				
Jan. 7	6.20 a. m.	7.23 p. m.	1.38	1.01 p. m.	1.25 p. m.	.07	.21	.54	.96	1.13	1.17	1.19	.....	.....	.....	.....	.....	.....	.....	.....
Mar. 17–18	9.20 p. m.	2.05 a. m.	1.99	10.40 p. m.	11.55 p. m.	.10	.09	.20	.24	.30	.47	.58	.61	.65	.71	.83	.99	1.16	.....	.....
May 6	10.36 a. m.	12.02 p. m.	.83	10.47 a. m.	11.30 a. m.	T.	.06	.21	.33	.44	.56	.60	.63	.72	.74	.75	.81	.....	.....	.....
June 15	6.59 p. m.	8.20 p. m.	.55	7.33 p. m.	7.45 p. m.	.04	.34	.44	.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 3	4.30 a. m.	5.25 a. m.	.78	5.07 a. m.	5.22 a. m.	.04	.16	.43	.69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 6–7	7.57 p. m.	D. N.	1.33	1.25 a. m.	1.57 a. m.	.46	.05	.24	.35	.46	.51	.73	.86	.....	.....	.....	.....	.....	.....	.....
July 7	D. N.	3.35 p. m.	2.71	9.55 a. m.	11.15 a. m.	.29	.06	.12	.17	.26	.30	.31	.34	.37	.46	.65	1.10	1.39	.....	.....
July 23	D. N.	4.45 p. m.	1.39	5.15 a. m.	5.50 a. m.	.10	.09	.26	.35	.44	.51	.60	.66	.....	.....	.....	.....	.....	.....	.....
Aug. 20	9.25 a. m.	12.25 p. m.	1.35	11.30 a. m.	12.01 p. m.	.14	.25	.41	.56	.83	1.11	1.28	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 22	4.10 p. m.	6.35 p. m.	1.23	5.14 p. m.	5.38 p. m.	.10	.21	.44	.56	.66	.76	.77	.85	.....	.....	.....	.....	.....	.....	.....
Aug. 31	10.10 a. m.	11.05 a. m.	.86	10.37 a. m.	10.57 a. m.	.08	.29	.45	.63	.76	.78	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 25	5.35 p. m.	8.15 p. m.	1.47	5.35 p. m.	6.00 p. m.	.00	.06	.30	.48	.68	.90	.92	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 28	2.00 p. m.	3.25 p. m.	.87	2.05 p. m.	2.40 p. m.	.02	.11	.21	.27	.43	.61	.75	.82	.....	.....	.....	.....	.....	.....	.....
Nov. 11–12	6.37 p. m.	5.45 a. m.	1.62	10.50 p. m.	11.20 p. m.	.48	.16	.30	.43	.55	.62	.74	.78	.....	.....	.....	.....	.....	.....	.....
Nov. 17	8.50 p. m.	10.40 p. m.	1.11	8.55 p. m.	9.35 p. m.	T.	.08	.18	.26	.38	.49	.64	.74	.79	.....	.....	.....	.....	.....	.....
Nov. 18	1.21 p. m.	4.15 p. m.	1.38	3.05 p. m.	3.35 p. m.	.63	.11	.30	.45	.58	.66	.73	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 13–14	8.50 p. m.	3.15 a. m.	1.40	10.00 p. m.	10.45 p. m.	.07	.04	.07	.13	.18	.28	.38	.48	.55	.62	.62	.68	.83	.....	.....
Santiago de Cuba:																				
Jan. 22	5.26 p. m.	8.19 p. m.	2.84	5.42 p. m.	6.35 p. m.	.02	.11	.22	.38	.77	1.27	1.68	1.80	1.83	1.87	1.95	1.99	2.04	2.37	2.67
May 14	3.52 p. m.	5.15 p. m.	1.10	3.57 p. m.	4.30 p. m.	T.	.08	.22	.44	.64	.90	1.01	1.03	1.05	1.09	.....	.....	.....	.....	.....
May 28	D. N.	11.33 a. m.	2.29	6.15 a. m.	6.40 a. m.	.45	.29	.59	.73	.91	1.06	1.07	.....	.....	.....	.....	.....	.....	.....	.....
June 9	D. N.	8.11 a. m.	.80	6.06 a. m.	6.35 a. m.	.01	.17	.40	.48	.54	.64	.69	.72	.75	.....	.....	.....	.....	.....	.....
June 17	D. N.	D. N.	1.88	3.23 a. m.	3.55 a. m.	.45	.21	.43	.70	.98	1.25	1.32	1.36	.....	.....	.....	.....	.....	.....	.....
July 4	3.08 p. m.	4.10 p. m.	.95	3.24 p. m.	3.57 p. m.	.01	.15	.36	.55	.70	.88	.94	.....	.....	.....	.....	.....	.....	.....	.....
July 5	5.10 a. m.	4.20 p. m.	6.26	6.05 a. m.	6.55 a. m.	.24	.05	.09	.15	.22	.30	.39	.48	.64	.75	.83	.....	.....	.....	.....
				6.55 a. m.	7.45 a. m.	.....	.89	1.62	1.15	1.29	1.45	1.57	1.66	1.74	1.83	1.91	.....	.....	.....	.....
				7.45 a. m.	9.15 a. m.	.....	1.98	2.19	2.39	2.52	2.72	2.81	2.84	2.91	2.98	3.12	3.31	3.72	3.93	4.11
				8.30 p. m.	9.20 p. m.	.15	.10	.22	.36	.48	.51	.57	.60	.61	.65	.88	.....	.....	.....	.....
				9.20 p. m.	10.10 p. m.	.....	.96	1.02	1.20	1.38	1.57	1.72	1.84	1.94	2.02	2.06	.....	.....	.....	.....
				10.10 p. m.	11.00 p. m.	.....	2.12	2.20	2.30	2.42	2.63	2.83	3.01	3.22	3.41	3.53	.....	.....	.....	.....
Sept. 13–14	6.53 p. m.	9.24 a. m.	8.22	11.00 p. m.	11.50 p. m.	.....	3.65	3.78	4.02	4.32	4.50	4.68	4.79	4.95	5.14	5.54	.....	.....	.....	.....
				11.50 p. m.	12.40 a. m.	.....	5.74	5.85	5.89	5.96	6.01	6.05	6.10	6.20	6.30	6.39	.....	.....	.....	.....
				12.40 a. m.	1.15 a. m.	.....	6.54	6.70	6.79	6.83	6.89	7.01	7.06	7.09	7.11	7.14	7.18	.....	.....	.....
Oct. 14–15	12.48 p. m.	7.12 a. m.	3.87	3.27 a. m.	4.40 a. m.	1.90	.23	.36	.42	.55	.64	.75	.83	.86	.93	1.08	1.22	1.41	.....	.....
Oct. 17	8.33 p. m.	D. N.	.81	8.35 p. m.	9.10 p. m.	T.	.12	.21	.38	.44	.57	.67	.73	.77	.80	.....	.....	.....	.....	.....
Oct. 18	1.27 p. m.	2.25 p. m.	1.40	1.29 p. m.	2.00 p. m.	T.	.10	.41	.79	1.06	1.20	1.31	1.35	1.37	.....	.....	.....	.....	.....	.....
Oct. 19	1.39 p. m.	2.50 p. m.	.81	2.01 p. m.	2.25 p. m.	.03	.27	.48	.63	.69	.74	.76	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 30	5.18 p. m.	9.25 p. m.	1.41	5.30 p. m.	6.30 p. m.	.01	.05	.11	.16	.22	.23	.27	.40	.55	.67	.76	.86	.....	.....	.....
Santo Domingo, W. I.:																				
July 3–5	9.55 p. m.	D. N.	4.80	2.10 p. m.	3.20 p. m.	1.77	.11	.19	.40	.48	.51	.52	.59	.71	.82	.92	1.19	1.35	.....	.....
July 6	12.04 p. m.	1.50 p. m.	1.29	12.05 p. m.	12.40 p. m.	.01	.17	.34	.45	.61	.75	1.01	1.18	1.20	.....	.....	.....	.....	.....	.....
July 23	12.22 p. m.	2.00 p. m.	.99	12.22 p. m.	12.55 p. m.	.00	.18	.31	.36	.48	.68	.83	.88	.91	.....	.....	.....	.....	.....	.....
Aug. 1	1.15 p. m.	1.40 p. m.	.75	1.15 p. m.	1.32 p. m.	.00	.25	.55	.71	.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 17	12.50 p. m.	1.30 p. m.	.97	12.53 p. m.	1.12 p. m.	T.	.28	.68	.88	.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 30	3.35 p. m.	5.15 p. m.	.70	3.35 p. m.	3.55 p. m.	.00	.23	.39	.53	.61	.63	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 12–13	1.10 p. m.	5.10 a. m.	5.05	4.05 p. m.	4.55 p. m.	.41	.11	.19	.23	.26	.31	.43	.64	.79	.96	1.17	1.22	.....	.....	.....
				7.05 p. m.	8.15 p. m.	1.71	.09	.40	.58	.65	.66	.67	.69	.73	.74	.81	1.16	1.57	.....	.....
Oct. 19	3.00 p. m.	3.30 p. m.	.55	3.00 p. m.	3.15 p. m.	.00	.26	.50	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 27	2.00 p. m.	4.30 p. m.	.79	2.05 p. m.	2.30 p. m.	T.	.15	.35	.64	.64	.69	.73	.76	.....	.....	.....	.....	.....	.....	.....
Willemstad, Curaçao:																				
Sept. 16–17	9.04 p. m.	2.45 a. m.	1.17	12.35 a. m.	1.15 a. m.	.09	.05	.11	.17	.23	.52	.71	.76	.81	.82	.83	.97	.....	.....	.....
Oct. 11	10.54 a. m.	12.30 p. m.	.94	11.40 a. m.	11.59 a. m.	.20	.20	.31	.52	.66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 9	5.45 a. m.	10.55 a. m.	1.96	8.45 a. m.	9.50 a. m.	1.01	.12	.21	.34	.37	.47	.49	.51	.52	.54	.67	.84	.94	.....	.....

The following table shows for each month of the year and for each Weather Bureau station that that have been observed from the beginning of observations until the end of 1901. The year

TABLE SHOWING THE HIGHEST TEMPERATURES (IN DEGREES FAHRENHEIT)

[Compiled from the beginning of obser

Stations.	No. years' record.	January.		February.		March.		April.		May.		June.	
		Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Abilene, Tex	16	83	1887	85	[1]1897	93	1899	99	1887	105	1896	109	1886
Albany, N. Y	28	62	1889	60	1890	75	1894	88	1896	93	1900	99	1901
Alpena, Mich	29	52	1880	59	1900	77	1894	79	1891	95	1895	97	1874
Amarillo, Tex	10	73	1893	75	1898	85	1893	90	1893	98	1896	102	1893
Atlanta, Ga	23	75	1890	78	1891	83	1895	89	1896	94	1898	98	1895
Atlantic City, N. J	26	64	1890	71	1880	77	1894	84	1887	90	1900	95	1887
Augusta, Ga	29	80	1890	84	1890	89	1882	93	[2]1896	100	1878	103	1887
Baker City, Oreg	12	51	1899	59	1898	66	1900	83	1898	88	1897	97	1892
Baltimore, Md	29	73	1890	78	1874	82	[3]1894	94	1896	96	1896	99	1901
Binghamton, N. Y	5	58	1898	56	1900	68	1898	85	1899	89	1900	93	1901
Bismarck, N. Dak	27	52	1901	64	1895	72	1895	90	[4]1900	94	1900	99	1883
Block Island, R. I	21	59	1885	58	1890	59	1891	71	1896	82	1895	86	1893
Boise, Idaho	24	62	1884	67	1896	77	1895	92	1898	100	1897	105	1898
Boston, Mass	31	70	1876	64	1890	72	1880	85	1872	97	1880	98	1874
Buffalo, N. Y	29	66	1874	64	1883	72	1875	84	1899	89	1889	93	1895
Cairo, Ill	30	73	1890	75	1890	84	1879	89	1872	92	1874	98	1901
Cape Henry, Va	28	79	1898	80	1890	85	1898	96	1896	97	1889	102	1898
Cape May, N. J	23	58	1900	63	1893	79	1894	87	1896	93	1895	95	1895
Carson City, Nev	14	62	1899	68	1899	74	1901	82	1888	88	1889	93	1901
Cedar City, Utah													
Charleston, S. C	29	80	1879	80	[4]1891	86	1897	89	1896	98	1898	100	1877
Charlotte, N. C	23	77	1890	79	1890	85	1894	94	1896	97	1895	102	1887
Chattanooga, Tenn	23	75	1898	78	1890	85	1895	90	1896	93	1898	98	1901
Cheyenne, Wyo	29	64	1888	63	1886	77	1879	80	1874	88	1874	97	[5]1881
Chicago, Ill	29	65	1876	63	1876	80	1895	88	1899	94	1895	98	1872
Cincinnati, Ohio	31	71	1890	73	1883	84	1895	87	1896	94	[6]1875	98	1874
Cleveland, Ohio	30	70	1874	72	1883	76	1875	87	1899	92	1879	96	1874
Columbia, Mo	12	74	1894	76	1896	85	1895	90	[7]1896	91	1891	104	1901
Columbia, S. C	14	78	1898	82	1890	90	1894	96	1896	101	1898	103	1899
Columbus, Ohio	23	67	1890	72	1883	79	1895	89	1896	96	1895	99	1895
Concordia, Kans	16	72	1894	79	1896	93	1895	97	1893	100	1895	104	1900
Corpus Christi, Tex	15	82	1892	88	1893	96	1901	92	1893	96	1887	97	1900
Davenport, Iowa	29	63	1897	67	1882	82	1895	87	[8]1901	90	1887	98	1897
Denver, Colo	30	76	1888	77	1890	81	1879	83	1874	92	1874	99	1873
Des Moines, Iowa	23	64	1895	70	1896	88	1895	90	1898	94	1895	101	1886
Detroit, Mich	31	66	1890	64	1884	75	1875	85	1896	95	1895	96	1895
Dodge, Kans	27	73	1887	78	1876	90	1895	93	1893	101	1896	106	1893
Dubuque, Iowa	28	63	1897	67	1882	86	1895	88	1895	94	1874	99	1897
Duluth, Minn	29	51	1894	58	1895	64	1889	81	1891	91	1874	92	1883
Eastport, Me	29	54	1892	50	1900	54	1889	71	1886	85	1896	88	1888
Elkins, W. Va	3	64	1899	74	1900	72	1901	87	1899	90	1900	92	1901
El Paso, Tex	23	77	1890	82	1879	89	1896	98	1879	105	1886	113	1883
Erie, Pa	28	73	1876	70	1900	78	1875	86	1883	91	1879	92	1894
Escanaba, Mich	26	49	1892	52	1877	58	1895	77	1899	84	1900	96	1890
Eureka, Cal	15	77	1888	70	1898	75	1901	73	1891	78	1890	75	1898
Evansville, Ind	5	68	1898	70	1898	80	1897	90	1899	90	1897	99	1901
Fort Smith, Ark	19	80	1890	82	1897	87	1895	94	1893	98	1886	101	1882
Fort Worth, Tex	3	80	1901	80	1901	97	1899	91	1901	95	1901	102	1900
Fresno, Cal	14	69	1892	83	1888	87	1900	101	1898	104	1892	112	1891
Galveston, Tex	30	75	[9]1882	76	1892	85	1879	85	1878	91	1875	97	1875
Grand Haven, Mich	29	61	1890	59	1900	71	1878	84	1899	87	1895	92	1901
Grand Junction, Colo	9	55	[10]1896	64	1901	78	1893	84	1898	94	1896	104	1900
Greenbay, Wis	15	51	1897	59	1896	69	1894	84	1901	91	1895	96	1901
Hannibal, Mo	9	71	1894	68	1896	84	1895	88	1901	89	1895	100	1901
Harrisburg, Pa	13	67	1890	74	1890	76	1898	92	1896	95	1895	97	1901

[1] Also in 1890. [2] Also in 1885. [3] Also in 1890. [4] Also in 1887. [5] Also in 1890.
[6] Also in 1874. [7] Also in 1894. [8] Also in 1895. [9] Also in 1876. [10] Also in 1898.

has been in operation at least three years, the highest and the lowest temperatures, respectively, during which the observed extremes occurred is also given.

RECORDED AT WEATHER BUREAU STATIONS FOR EACH MONTH OF THE YEAR.

vations to the end of December, 1901.]

Stations.	July.		August.		September.		October.		November.		December.	
	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Abilene, Tex	110	1886	104	1899	104	1893	94	1898	86	1893	81	1893
Albany, N. Y	100	1898	98	1900	97	1895	90	1900	70	1876	66	1889
Alpena, Mich	98	1901	95	1900	94	1897	87	1891	67	1886	56	1875
Amarillo, Tex	98	1894	97	[1]1899	95	1893	89	1898	82	1897	75	1894
Atlanta, Ga	100	1887	98	1900	97	1896	91	1884	82	1890	72	1889
Atlantic City, N. J	99	1880	98	1900	94	1897	86	1897	74	1900	68	1889
Augusta, Ga	105	1878	105	1878	101	1896	94	1884	85	1885	78	1889
Baker City, Oreg	101	1890	101	1898	93	1893	85	1890	65	1890	54	1900
Baltimore, Md	104	1898	100	1900	101	1881	90	1897	79	1900	73	1873
Binghamton, N. Y	96	1901	96	1900	93	1898	87	1897	68	1900	65	1901
Bismarck, N. Dak	106	1901	105	[2]1900	102	1897	89	1897	73	1887	64	1890
Block Island, R. I	88	1892	89	1900	86	1881	75	1881	70	1881	60	1884
Boise, Idaho	111	1898	106	1893	100	1888	91	1889	72	1892	62	1888
Boston, Mass	101	1880	97	1900	102	1881	90	1881	75	1876	66	[3]1899
Buffalo, N. Y	95	1897	94	1887	95	1900	86	1898	70	1891	64	1901
Cairo, Ill	106	1901	103	1881	97	1899	90	1897	80	1882	74	1889
Cape Henry, Va	101	1875	103	1881	99	1900	89	1900	81	1883	76	1875
Cape May, N. J	94	1900	96	1900	95	1895	86	1884	73	1896	62	1895
Carson City, Nev	100	1889	100	1898	91	1898	85	1889	74	1901	65	1895
Cedar City, Utah	------	------	------	------	------	------	------	------	------	------	------	------
Charleston, S. C	104	1879	100	1899	95	1899	93	1883	83	1899	78	1889
Charlotte, N. C	102	1887	100	1881	99	1896	92	1884	80	1879	76	1889
Chattanooga, Tenn	101	1879	100	1881	98	1896	91	1884	79	1890	73	1889
Cheyenne, Wyo	100	1881	96	1882	90	1895	83	1892	75	1891	64	1885
Chicago, Ill	103	1901	98	1881	98	1899	87	1897	75	1888	68	1875
Cincinnati, Ohio	105	1901	101	1881	99	1899	94	1895	78	1895	72	1875
Cleveland, Ohio	97	1897	99	1881	98	1881	87	1879	74	1888	68	1875
Columbia, Mo	111	1901	105	1894	104	1893	95	1899	80	[4]1897	75	1890
Columbia, S. C	105	1899	106	1900	104	1896	92	1895	85	1900	77	1889
Columbus, Ohio	104	1901	98	1881	98	1899	90	1897	77	1895	67	1889
Concordia, Kans	106	1898	104	1898	104	1895	93	1899	82	1891	72	1889
Corpus Christi, Tex	98	1894	98	1901	97	1900	91	1901	89	1900	86	1901
Davenport, Iowa	106	1901	98	1894	99	1899	90	1897	78	1888	65	1889
Denver, Colo	102	1874	105	1878	97	1899	90	1892	77	1897	74	1901
Des Moines, Iowa	109	1901	103	1881	99	1899	91	1899	76	1897	69	1889
Detroit, Mich	101	1887	99	1881	97	1874	88	1897	70	1888	65	1875
Dodge, Kans	108	1876	104	1900	101	1896	94	1889	84	1888	79	1894
Dubuque, Iowa	106	1901	100	1894	97	1895	89	1897	74	1896	67	1889
Duluth, Minn	99	1883	95	1888	94	1894	80	1886	65	1874	54	1891
Eastport, Me	93	1901	90	1893	89	1897	83	1898	64	1882	54	1897
Elkins, W. Va	94	1901	91	1900	92	1900	87	1900	72	1900	66	1901
El Paso, Tex	112	1886	110	1884	104	1879	94	1879	85	1899	76	1889
Erie, Pa	94	1890	94	1887	92	[5]1887	87	1900	74	1888	70	1889
Escanaba, Mich	92	1900	94	1896	89	1895	78	1898	65	1887	48	1888
Eureka, Cal	73	1888	79	1894	82	1897	84	1897	74	1895	70	1891
Evansville, Ind	107	1901	100	1897	99	1897	93	1897	78	1900	68	1897
Fort Smith, Ark	106	1901	107	1896	102	1896	95	1884	86	1882	79	1889
Fort Worth, Tex	105	1901	108	1901	102	1900	98	1898	85	1898	82	1901
Fresno, Cal	114	1891	113	1898	111	1888	100	1887	84	1900	71	1895
Galveston, Tex	98	1901	98	1874	94	1900	91	1900	85	1886	77	1894
Grand Haven, Mich	94	1901	92	1881	92	1897	82	1899	72	1888	61	1877
Grand Junction, Colo	103	1901	100	[6]1901	98	1899	86	1899	67	[7]1901	66	1901
Greenbay, Wis	99	1901	98	1891	95	1895	84	1891	68	1895	51	1894
Hannibal, Mo	108	1901	100	1894	101	1899	91	[8]1899	77	1897	69	1896
Harrisburg, Pa	101	1898	98	1900	95	1897	88	1900	75	1895	66	1889

[1] Also in 1892. [2] Also in 1876. [3] Also in 1881. [4] Also in 1890. [5] Also in 1881. [6] Also in 1900. [7] Also in 1898. [8] Also in 1897.

TABLE SHOWING THE HIGHEST TEMPERATURES (IN DEGREES FAHRENHEIT) RECORDED

Stations.	No. years' record.	January.		February.		March.		April.		May.		June.	
		Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Hatteras, N. C	21	73	1890	73	1890	75	1894	76	1886	88	1881	91	1882
Havre, Mont	10	61	1900	60	1892	72	1895	83	1897	92	1900	108	1900
Helena, Mont	22	59	1893	65	1895	72	1893	82	1891	89	1886	102	1900
Huron, St. Dak	20	64	1900	68	1896	79	1894	94	1887	96	1886	99	1898
Independence, Cal	5	69	1895	75	1899	78	1900	87	1898	89	1895	101	1901
Indianapolis, Ind	28	70	1890	72	1883	82	1895	87	1896	96	1895	100	1895
Jacksonville, Fla	30	81	1898	86	1891	88	1896	92	1896	98	1878	100	1891
Jupiter, Fla	14	83	1898	87	1893	89	1900	88	1888	93	[1]1893	95	1890
Kansas City, Mo	13	68	1890	76	1896	88	1895	90	1893	90	1895	100	1901
Keokuk, Iowa	30	69	1894	70	1891	84	1895	88	1895	92	1874	100	1901
Key West, Fla	31	90	1877	87	1874	89	[2]1874	91	1881	93	1881	100	1886
Kittyhawk, N. C	27	73	1876	80	1890	82	1894	92	1888	94	1889	98	1888
Knoxville, Tenn	31	74	1876	71	1896	83	1895	90	1896	94	1877	99	1898
La Crosse, Wis	29	59	1874	65	1882	78	1894	86	1895	96	1874	98	1901
Lander, Wyo	10	57	1901	64	1895	70	1895	78	1898	86	1901	95	1900
Lewiston, Idaho	7	59	1880	67	1901	78	1882	86	1880	92	1884	98	1883
Lexington, Ky	14	71	1890	72	1891	83	1895	88	1896	92	1896	98	1888
Lincoln, Nebr	5	61	1899	64	1899	79	1901	90	1901	89	1899	103	1901
Little Rock, Ark	22	78	1880	78	1890	87	1895	94	1880	93	1886	102	1894
Los Angeles, Cal	24	87	1896	88	1901	99	1879	99	[3]1898	103	1896	105	1890
Louisville, Ky	29	72	1890	78	1887	86	1895	91	1894	94	1895	100	1895
Lynchburg, Va	29	77	1890	75	1874	86	1894	95	1896	97	1895	98	1887
Marquette, Mich	27	56	1880	69	1877	70	1878	87	1891	98	1895	98	1901
Memphis, Tenn	29	79	1890	79	1890	87	1895	90	1899	96	1879	100	1881
Meridian, Miss	12	79	1890	80	1897	86	1897	90	1899	96	1898	100	1897
Miles City, Mont	10	60	1900	68	1901	77	1895	90	1901	100	1901	107	1887
Milwaukee, Wis	31	59	1874	60	1882	70	1878	86	1899	92	1895	95	1890
Minneapolis, Minn	11	49	1891	64	1896	61	[4]1898	86	1901	92	1895	96	1897
Mobile, Ala	31	78	1882	80	1887	85	1879	90	1883	98	1878	101	1894
Montgomery, Ala	29	79	1898	83	1991	87	1896	92	1899	98	1875	106	1881
Moorhead, Minn	21	46	1889	59	1896	68	1889	91	1891	96	1887	101	1893
Mount Tamalpais, Cal													
Nantucket, Mass	15	57	1900	55	1890	56	1898	70	1896	86	1895	89	1895
Narragansett, R. I	20	63	1890	65	1890	65	1893	81	1886	92	1896	92	1899
Nashville, Tenn	31	75	1890	77	1883	85	1895	90	1872	93	1895	99	1874
Neahbay, Wash	15	65	1896	60	1892	65	1885	69	1885	81	1895	77	1893
New Haven, Conn	29	65	1890	67	1890	69	1880	85	1896	93	1896	96	1893
New Orleans, La	31	82	1890	82	1890	84	1899	88	1889	93	1898	98	1897
New York, N. Y	30	67	1890	69	1890	72	1879	90	1896	95	1895	97	1899
Norfolk, Va	31	80	1871	82	1890	88	1894	95	1896	98	1880	102	1874
Northfield, Vt	15	61	1890	56	1890	66	1894	85	1899	90	1889	95	1901
North Platte, Nebr	27	70	1880	74	1896	86	1879	93	1887	97	1895	101	1876
Oklahoma, Okla	11	78	1893	80	1891	90	1895	95	1893	94	1896	101	1893
Omaha, Nebr	29	63	1895	78	1896	85	1895	90	1891	97	1895	100	1901
Oswego, N. Y	31	64	1890	61	1880	72	1894	85	1885	94	1879	98	1875
Palestine, Tex	20	79	1894	82	1886	88	1899	92	1893	93	1896	100	1896
Parkersburg, W. Va	13	70	1890	76	1900	86	1894	93	1896	94	1895	99	1895
Pensacola, Fla	22	79	1890	78	1883	83	1884	92	1887	93	1881	101	1894
Philadelphia, Pa	31	72	1890	75	1874	77	1894	93	1896	96	1880	98	1893
Phoenix, Ariz	20	87	1883	92	1887	97	1887	105	1882	113	1885	119	1883
Pierre, S. Dak	10	60	1900	67	1896	84	1895	94	1901	98	1900	103	1893
Pittsburg, Pa	29	75	1874	77	1900	80	1876	90	1896	95	1887	98	1895
Port Crescent, Wash	7	56	1896	66	1901	67	1900	78	1900	85	1895	93	1896
Port Huron, Mich	27	64	1876	60	1890	73	1875	84	1896	93	1895	97	1899
Portland, Me	30	62	1890	58	1880	71	1894	78	1881	94	1880	96	1888

[1] Also in 1892. [2] Also in 1873. [3] Also in 1888. [4] Also in 1897.

AT WEATHER BUREAU STATIONS FOR EACH MONTH OF THE YEAR—Continued.

Stations.	July.		August.		September.		October.		November.		December.	
	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Hatteras, N. C	92	1881	92	1881	90	1881	90	1881	79	1882	73	1894
Havre, Mont	102	1893	103	1893	93	1893	85	1899	72	1894	63	1900
Helena, Mont	103	1886	98	1893	90	1893	80	1889	71	1894	58	1900
Huron, S. Dak	108	1894	108	1901	103	1895	94	1892	77	1893	65	1894
Independence, Cal	105	1898	104	1898	94	1898	88	1895	81	1898	68	1898
Indianapolis, Ind	106	1901	101	1881	98	1899	89	1897	76	1888	68	1875
Jacksonville, Fla	104	1879	101	1900	98	1875	92	1883	86	1889	81	1875
Jupiter, Fla	95	[1]1895	93	[2]1897	92	1900	90	1893	87	1889	86	1891
Kansas City, Mo	106	1901	103	1896	101	1893	91	1899	79	1897	70	1894
Keokuk, Iowa	108	1901	102	1873	99	1899	92	1897	79	1888	69	1889
Key West, Fla	100	1886	100	1886	97	1886	92	1876	91	1876	88	1876
Kittyhawk, N. C	107	1887	102	1888	97	1888	90	1881	80	1888	73	1894
Knoxville, Tenn	100	1887	100	1881	99	1899	94	1884	80	1881	75	1874
La Crosse, Wis	104	1901	101	1894	97	1895	88	1897	72	1893	61	1889
Lander, Wyo	99	1901	93	1892	88	1895	79	1896	72	1894	57	1901
Lewiston, Idaho	105	1882	107	1901	94	1883	84	1880	65	1901	64	1901
Lexington, Ky	102	1901	99	1888	98	1899	88	1897	78	1895	68	1901
Lincoln, Nebr	106	1901	102	1901	101	1899	92	1899	76	1898	68	1900
Little Rock, Ark	106	1901	105	1896	100	1896	93	1897	82	1879	78	1889
Los Angeles, Cal	109	1891	106	1885	108	1885	102	1885	96	1890	89	1897
Louisville, Ky	107	1901	105	1881	102	1899	91	1897	79	1895	74	1875
Lynchburg, Va	102	1881	100	1900	99	[3]1897	92	1897	81	1890	73	1889
Marquette, Mich	108	1901	98	1886	97	1874	87	1879	69	1886	59	1875
Memphis, Tenn	104	1901	102	1901	99	1887	92	1884	82	1879	76	1889
Meridian, Miss	104	1901	103	1897	98	1897	92	1897	82	1896	78	1896
Miles City, Mont	111	1901	106	1900	99	1893	88	1897	76	1897	58	1900
Milwaukee, Wis	100	1901	98	1874	95	1897	88	1897	70	1888	63	1877
Minneapolis, Minn	102	1901	99	1896	96	[3]1898	86	1897	73	1893	54	1890
Mobile, Ala	102	1901	101	1897	96	1887	93	1884	83	1888	79	1884
Montgomery, Ala	107	1881	103	1874	99	1887	96	1884	85	1896	79	1889
Moorhead, Minn	102	1894	100	1886	98	1894	90	1897	72	1887	55	1883
Mount Tamalpais, Cal												
Nantucket, Mass	87	1892	86	1896	86	1895	75	1900	66	1899	59	1895
Narragansett, R. I	93	1892	94	1891	90	1898	82	1897	72	1882	59	1884
Nashville, Tenn	102	1901	104	1874	99	[4]1896	92	1884	81	1882	75	1874
Neahbay, Wash	80	1886	88	1896	77	1898	72	1995	62	1901	63	1888
New Haven, Conn	97	1898	98	1900	100	1881	86	1881	72	1900	68	1889
New Orleans, La	102	1901	99	1897	96	1900	91	1897	85	1888	81	1894
New York, N. Y	99	1898	96	1888	100	1881	88	1881	74	1882	68	1891
Norfolk, Va	102	[5]1887	100	1900	100	1895	89	1884	80	1888	75	1891
Northfield, Vt	95	1898	92	1899	90	1895	83	1892	70	1900	61	1895
North Platte, Nebr	107	1877	103	1878	101	[6]1895	90	1900	81	1887	70	1890
Oklahoma, Okla	104	1894	104	1896	101	1893	97	1898	86	1891	75	1896
Omaha, Nebr	106	1894	105	1874	102	1895	92	1899	80	1887	71	1890
Oswego, N. Y	100	1878	98	1883	93	1881	84	1891	71	1876	66	1901
Palestine, Tex	103	1894	104	1897	104	1896	97	1898	87	1888	81	1890
Parkersburg, W. Va	102	1901	97	1896	99	1897	90	1897	78	1895	72	1901
Pensacola, Fla	103	1901	97	1897	95	1900	95	1884	81	1882	76	1889
Philadelphia, Pa	103	1901	101	1900	102	1881	88	1897	77	1876	70	1873
Phoenix, Ariz	116	1893	116	1883	114	1883	105	1885	97	1884	95	1882
Pierre, S. Dak	108	1901	110	1900	104	1899	98	1892	80	1891	67	1894
Pittsburg, Pa	103	1881	100	1881	102	1881	91	1879	79	1876	73	1885
Port Crescent, Wash	90	1895	93	1894	82	1899	75	1901	64	1895	60	1899
Port Huron, Mich	99	1887	99	1891	97	1881	87	1897	69	1895	65	1875
Portland, Me	97	1898	95	1876	94	1881	84	1897	69	1895	60	1885

[1] Also in 1889. [2] Also in 1893. [3] Also in 1895. [4] Also in 1887. [5] Also in 1876. [6] Also in 1881.

TABLE SHOWING THE HIGHEST TEMPERATURES (IN DEGREES FAHRENHEIT) RECORDED

Stations.	No. years' record.	January.		February.		March.		April.		May.		June.	
		Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Portland, Oreg	29	62	1888	68	1901	79	1886	89	1897	99	1887	99	1876
Pueblo, Colo	13	71	1892	72	1896	82	1893	84	1889	93	1895	103	1901
Raleigh, N. C	15	76	1890	80	1890	89	1894	95	1896	98	1895	102	1887
Rapid City, S. Dak	16	69	1892	72	1895	78	1893	89	1901	92	1900	103	1893
Redbluff, Cal	24	77	1899	82	1888	86	1892	96	1898	110	1887	110	1891
Richmond, Va	4	70	1898	71	1898	82	1898	86	[1]1899	94	1900	99	1899
Rochester, N. Y	30	69	1874	65	1890	77	1894	90	1885	93	1895	95	1894
Roseburg, Oreg	24	71	1888	72	1886	81	1887	90	1897	102	1887	98	1896
Sacramento, Cal	24	72	1899	80	1899	80	1882	89	1898	98	1885	106	1891
St. Louis, Mo	31	74	1890	78	1890	85	1895	91	1899	94	1895	102	1901
St. Paul, Minn	29	51	1900	61	1896	76	1894	84	1887	94	1874	96	1901
Salt Lake City, Utah	28	57	1900	68	1879	77	1879	84	1889	93	1887	101	1900
San Antonio, Tex	23	82	1898	90	1886	97	1899	99	1894	104	1879	103	1883
San Diego, Cal	30	80	1893	85	1889	99	1879	93	[2]1899	98	1896	94	1877
Sandusky, Ohio	24	69	1890	70	1883	76	1894	89	1899	93	1895	96	1885
San Francisco, Cal	31	78	1899	76	1888	80	1892	88	1888	97	1887	100	1891
San Luis Obispo, Cal	8	81	1899	86	1899	90	1901	97	1898	98	1896	105	1901
Santa Fe, N. Mex	28	76	1879	75	1879	82	1879	84	1879	89	1872	92	1881
Sault Ste. Marie, Mich	13	44	1897	46	1895	57	1894	77	1900	89	1895	93	1901
Savannah, Ga	31	80	1879	84	1891	88	1894	90	1896	101	1898	100	1880
Seattle, Wash	9	61	1896	67	1898	81	1892	85	1897	90	1897	93	1896
Shreveport, La	29	80	1898	81	1897	90	1882	96	1887	101	1886	104	1875
Sioux City, Iowa	12	63	1896	75	1896	83	1895	93	1891	95	1895	100	1894
Spokane, Wash	21	55	1893	59	1896	74	1881	86	1887	95	1897	96	1896
Springfield, Ill	22	68	1890	72	1882	84	1895	88	1899	92	1895	98	1901
Springfield, Mo	16	74	1890	76	1890	86	1895	89	1899	90	1883	98	1882
Tacoma, Wash	5	61	1900	64	1898	74	1900	80	1900	88	1897	88	1898
Tampa, Fla	11	82	1901	86	1891	88	1897	90	1890	93	1898	95	1898
Toledo, Ohio	31	71	1890	67	1900	75	1894	88	1899	93	1895	99	1872
Topeka, Kans	14	70	1894	78	1896	91	1895	97	1893	94	1895	101	1900
Valentine, Nebr	15	68	1892	66	1889	81	1889	90	1901	95	1886	102	[3]1900
Vicksburg, Miss	29	82	1890	83	1883	87	1900	92	1887	95	1876	101	1881
Walla Walla, Wash	16	65	1888	69	1901	74	1892	89	1890	100	1897	105	1896
Washington, D. C	31	76	1890	78	1874	83	1894	93	1896	96	1880	102	1874
Wichita, Kans	13	72	1894	78	1896	91	1895	98	1893	96	1896	104	1900
Williston, N. Dak	8	52	1900	56	1895	71	1895	91	1901	101	1900	102	1900
Wilmington, N. C	31	80	1890	81	1880	87	1894	90	1880	97	1889	100	1880
Winnemucca, Nev	23	57	1887	69	1879	82	1879	83	1888	96	1887	98	1887
Yankton, S. Dak	29	67	1880	75	1896	87	1879	92	1891	95	[4]1895	102	1894
Yuma, Ariz	26	81	1899	91	1896	100	1879	107	1898	112	1896	117	1896

[1] Also in 1898. [2] Also in 1888. [3] Also in 1893. [4] Also in 1886.

AT WEATHER BUREAU STATIONS FOR EACH MONTH OF THE YEAR—Continued.

Stations.	July.		August.		September.		October.		November.		December	
	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Portland, Oreg	102	1891	97	1891	93	1886	83	1891	73	1890	65	1886
Pueblo, Colo	103	1888	102	1896	98	1899	88	1899	81	1896	74	1896
Raleigh, N. C	103	1887	99	1896	100	1899	89	1897	82	1900	75	1889
Rapid City, S. Dak	102	1881	106	1900	100	1895	96	1892	79	1894	75	1890
Redbluff, Cal	112	1898	114	1891	107	1891	97	1892	88	1890	76	1893
Richmond, Va	99	1900	102	1900	100	1899	90	1897	82	1900	69	1898
Rochester, N. Y	99	1897	97	1893	98	1881	87	1900	73	1888	70	1875
Roseburg, Oreg	102	1891	104	1894	99	1888	91	1885	74	1891	66	1895
Sacramento, Cal	106	1891	110	1898	106	1888	98	1885	81	1898	69	1893
St. Louis, Mo	107	1901	106	1881	102	1899	91	1897	82	1879	74	1875
St. Paul, Minn	104	1901	100	1896	96	1895	87	1879	74	1893	58	1888
Salt Lake City, Utah	102	1889	101	1875	93	1875	86	1889	74	1898	61	1874
San Antonio, Tex	106	1894	108	1877	103	1893	99	1877	89	1898	86	1890
San Diego, Cal	88	1891	92	1884	101	1883	93	1899	91	1890	82	[1]1893
Sandusky, Ohio	100	1897	98	1891	96	1881	90	1891	76	1888	70	1889
San Francisco, Cal	93	1888	92	1891	94	1886	94	1899	83	1895	72	1901
San Luis Obispo, Cal	99	1896	106	1900	102	1886	98	1898	94	1898	84	1900
Santa Fe, N. Mex	96	1878	97	1878	90	1879	85	1878	77	1878	65	1878
Sault Ste. Marie, Mich	94	1894	90	1893	91	1897	80	1900	67	1898	48	1891
Savannah, Ga	105	1879	102	1900	97	1893	92	1884	83	1896	80	1875
Seattle, Wash	91	1898	92	1898	87	1898	81	1899	64	1899	62	1900
Shreveport, La	107	1875	106	1896	101	1899	95	1883	86	[2]1896	79	1896
Sioux City, Iowa	107	1894	102	[3]1901	103	1895	90	1892	74	1890	68	1890
Spokane, Wash	102	1890	104	1898	98	1888	86	1889	69	1891	57	1886
Springfield, Ill	107	1901	99	1886	99	1899	91	1897	77	1887	67	1889
Springfield, Mo	106	1901	100	1896	102	1893	90	1897	79	1888	74	1889
Tacoma, Wash	91	1898	92	1898	84	1898	80	1899	64	1899	61	1900
Tampa, Fla	95	1898	95	1895	94	1893	90	1890	87	1892	83	1891
Toledo, Ohio	99	1887	102	1871	95	1881	90	1897	74	1888	70	1889
Topeka, Kans	106	1901	105	1901	104	1893	93	1899	83	1891	74	1889
Valentine, Nebr	106	1889	103	1901	99	1897	94	1899	80	1888	68	1890
Vicksburg, Miss	100	1901	100	1878	98	1881	94	1884	86	1896	79	1889
Walla Walla, Wash	108	1891	113	1898	100	1888	86	1892	76	1891	65	1890
Washington, D. C	103	1887	101	1900	104	1881	92	1881	80	1879	73	1873
Wichita, Kans	104	1901	106	1896	104	1893	95	1898	83	1891	74	1894
Williston, N. Dak	102	1900	104	1900	99	1901	93	1897	69	1897	49	1897
Wilmington, N. C	103	1879	99	1878	96	1872	92	1884	83	1877	78	1879
Winnemucca, Nev	104	1877	102	1882	94	1880	87	1889	73	1891	65	1878
Yankton, S. Dak	107	1894	105	1901	104	1895	89	1892	79	1888	67	1890
Yuma, Ariz	118	1878	115	1879	113	1879	108	1887	92	1891	83	1901

[1] Also in 1874. [2] Also in 1882. [3] Also in 1894.

TABLE SHOWING THE LOWEST TEMPERATURES (IN DEGREES FAHRENHEIT) RECORDED

Stations.	No. years' record.	January.		February.		March.		April.		May.		June.	
		Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Abilene, Tex	16	— 5	1888	— 6	1899	17	1891	25	1886	42	1889	48	1892
Albany, N. Y	28	—18	1878	—18	1875	— 8	1900	13	1874	29	1876	40	1878
Alpena, Mich	29	—27	1882	—27	1881	—19	1884	— 2	1881	22	1883	34	1881
Amarillo, Tex	10	— 4	1895	—16	1899	7	1892	22	1900	30	1893	42	1892
Astoria, Oreg													
Atlanta, Ga	23	— 2	1886	— 8	1899	8	1899	25	1881	38	1898	39	1889
Atlantic City, N. J	26	— 4	1893	— 7	1899	8	1884	19	1875	33	1880	45	1878
Augusta, Ga	29	6	1886	3	1899	14	1899	29	1887	41	1894	46	1889
Baker City, Oreg	12	—14	1890	—20	1899	— 6	1891	18	1890	24	1891	27	1892
Baltimore, Md	29	— 6	1881	— 7	1899	5	1873	23	1875	34	1876	47	1894
Binghamton, N. Y	5	—11	1899	—15	1899	—11	1900	17	1898	30	1900	38	1899
Bismarck, N. Dak	27	—44	1887	—43	1887	—36	1897	— 3	1899	20	1888	31	1888
Block Island, R. I	21	— 4	1896	— 4	1895	6	1886	25	1887	31	1900	46	1898
Boise, Idaho	24	—28	1888	—12	1883	7	1897	18	1883	26	1887	30	1901
Boston, Mass	31	13	1882	—11	1896	— 8	1872	11	1874	31	1882	42	1884
Buffalo, N. Y	29	—14	1884	—13	1895	— 4	1885	11	1881	28	1891	39	1891
Cairo, Ill	30	—16	1884	—14	1899	6	1899	24	1875	37	1875	46	1889
Cape Henry, Va	28	6	1893	5	1899	12	1883	28	1875	41	1876	48	1887
Cape May, N. J	23	— 7	1893	— 3	1899	10	1873	24	1894	37	1876	46	1897
Carson City, Nev	14	—22	1890	—14	1897	10	1897	16	1895	22	1894	27	1894
Cedar City, Utah													
Charleston, S. C	29	10	1886	7	1899	25	1890	32	1881	45	1894	51	1889
Charlotte, N. C	23	— 1	1886	— 5	1899	14	1899	26	1891	38	1889	45	1889
Chattanooga, Tenn	23	— 7	1886	—10	1899	2	1899	25	1881	40	[1]1890	39	1889
Cheyenne, Wyo	29	—38	1875	—28	1899	—17	1880	2	1875	20	1893	28	1876
Chicago, Ill	29	—20	1897	—21	1899	—12	1873	17	1881	27	1875	40	1894
Cincinnati, Ohio	31	—12	1886	—17	1899	1	1873	18	1875	33	1897	39	1889
Cleveland, Ohio	30	—17	1873	—16	1899	— 4	1885	15	1875	28	1876	38	1894
Columbia, Mo	12	—16	1894	—26	1899	— 6	1890	18	1899	32	1891	42	1897
Columbia, S. C	14	10	1897	— 2	1899	20	1899	28	1891	40	1894	47	1889
Columbus, Ohio	23	—20	1884	—20	1899	0	1900	15	1881	33	1897	41	1894
Concordia, Kans	16	—25	1888	—25	1899	— 2	[2]1895	18	1886	30	1893	43	1892
Corpus Christi, Tex	15	16	1888	11	1899	28	1890	44	1899	44	1888	64	1894
Davenport, Iowa	29	—27	1884	—23	1899	— 8	1890	14	1886	29	1875	39	1889
Denver, Colo	30	—29	1875	—22	1883	—11	1886	4	1876	27	1873	36	1892
Des Moines, Iowa	23	—30	1884	—24	1899	— 8	1890	11	1881	28	1885	37	1889
Detroit, Mich	31	—16	1897	—20	1875	— 7	1872	8	1875	29	1891	38	1875
Dodge, Kans	27	—20	1883	—26	1899	— 8	1880	13	1881	24	1893	40	1879
Dubuque, Iowa	28	—32	1887	—31	1875	—12	1890	14	1886	26	1885	39	1901
Duluth, Minn	29	—41	1885	—36	1899	—26	1875	3	1881	25	1888	33	1885
Eastport, Me	29	—20	1874	—20	1876	— 8	1886	2	1874	29	1882	30	1875
Elkins, W. Va	3	—18	1899	—21	1899	0	1901	18	1900	25	1900	39	1901
El Paso, Tex	23	5	1881	5	1899	21	1880	29	1882	40	1884	49	1901
Erie, Pa	28	—15	1875	—16	1875	— 1	1886	11	1881	31	1874	40	1894
Escanaba, Mich	26	—29	1888	—32	1875	—27	1884	0	1886	20	1888	29	1897
Eureka, Cal	15	20	1888	24	1899	29	1896	31	1895	35	1887	40	1899
Evansville, Ind	5	— 1	1899	—15	1899	4	1899	26	1899	38	1898	48	1897
Fort Smith, Ark	19	— 7	1894	—15	1899	14	1893	28	1891	40	1889	49	1894
Fort Worth, Tex	3	12	[3]1900	— 8	1899	23	1900	31	1899	47	1901	58	1901
Fresno, Cal	14	20	1888	24	1899	28	1888	34	1895	38	1899	46	[4]1899
Galveston, Tex	30	11	1886	8	1899	30	1890	43	1886	54	1892	61	1892
Grand Haven, Mich	29	—12	1873	—25	1899	— 5	1885	9	1874	28	1875	37	1897
Grand Junction, Colo	9	—16	1898	—12	1899	13	1898	16	1901	30	1899	37	1894
Greenbay, Wis	15	—36	1888	—33	1899	—23	1890	11	1896	26	1891	34	1897
Hannibal, Mo	9	—14	1894	—20	1899	3	1899	19	1899	36	1892	44	1894

[1] Also in 1888. [2] Also in 1891. [3] Also in 1899. [4] Also in 1900.

AT WEATHER BUREAU STATIONS FOR EACH MONTH OF THE YEAR—Continued.

Stations.	July.		August.		September.		October.		November.		December.	
	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Abilene, Tex	61	1897	55	[1]1893	42	1896	30	1898	13	1887	1	1898
Albany, N. Y	48	1876	45	1875	33	1879	23	1876	−10	1875	−17	1875
Alpena, Mich	40	1891	39	1888	28	1896	15	1887	− 4	1880	−15	1880
Amarillo, Tex	54	1895	52	1896	37	1898	26	1898	8	1896	− 1	1898
Astoria, Oreg												
Atlanta, Ga	58	[2]1886	55	1891	43	1899	30	1887	16	1887	1	1880
Atlantic City, N. J	52	1890	48	1890	37	1888	29	1879	10	1875	− 7	1880
Augusta, Ga	56	1899	58	1896	41	1888	29	1873	23	1892	7	1880
Baker City, Oreg	36	1895	36	1890	24	1890	18	1899	− 8	1896	− 6	1891
Baltimore, Md	55	1891	51	1890	39	1888	30	1879	15	1880	− 3	1880
Binghamton, N. Y	40	1898	42	1899	31	1900	21	1899	11	1897	− 6	1901
Bismarck, N. Dak	32	1884	32	1895	10	1876	− 2	1895	−28	1875	−38	1879
Block Island, R. I	52	1895	49	1899	42	1883	33	1884	14	1901	− 3	1884
Boise, Idaho	40	1883	32	1892	28	1889	16	1887	−10	1896	− 7	1884
Boston, Mass	46	1874	47	1880	34	1879	25	1879	− 2	1875	−12	1883
Buffalo, N. Y	47	1898	44	1880	35	1878	24	1887	2	1875	− 9	1880
Cairo, Ill	57	1891	52	1891	36	1899	24	1873	7	1872	− 7	1872
Cape Henry, Va	56	1895	57	1888	50	1889	35	1891	24	1901	7	1880
Cape May, N. J	51	1892	54	1894	42	1896	31	1892	14	1875	4	1871
Carson City, Nev	38	1888	34	1895	18	1895	17	1900	7	1896	− 7	1889
Cedar City, Utah												
Charleston, S. C	64	1894	62	1879	49	1887	39	1873	28	1881	13	1880
Charlotte, N. C	55	1891	53	1887	38	1888	30	1879	18	1880	− 5	1880
Chattanooga, Tenn	56	1885	54	1891	38	1888	27	1893	16	1887	3	1880
Cheyenne, Wyo	38	1889	30	1892	19	1896	− 5	1878	−20	1875	−24	1880
Chicago, Ill	50	1895	47	1872	32	1899	14	1887	− 2	1872	−23	1872
Cincinnati, Ohio	53	1885	51	[3]1890	35	1888	26	1887	5	1880	− 8	1872
Cleveland, Ohio	48	1895	46	1890	36	1887	24	1887	0	1880	−12	1880
Columbia, Mo	45	1892	42	1891	26	1895	19	1895	5	1891	−12	1898
Columbia, S. C	54	1892	56	1891	42	1888	32	1891	21	1892	9	1894
Columbus, Ohio	50	1890	42	1887	32	1888	20	1887	5	1880	−12	1880
Concordia, Kans	46	1895	41	1891	29	1895	20	[4]1898	−15	1887	−10	1887
Corpus Christi, Tex	70	1890	65	1891	55	1890	42	1894	30	1896	20	1901
Davenport, Iowa	49	1891	44	1884	28	1899	17	1887	−10	1891	−22	1886
Denver, Colo	42	1873	43	1896	27	1895	1	1873	−18	1877	−25	1876
Des Moines, Iowa	48	1895	40	1891	26	1899	14	1887	−10	1891	−20	1886
Detroit, Mich	48	1895	45	1875	30	1899	22	1873	0	1880	−24	1872
Dodge, Kans	50	1877	46	1891	30	1895	10	1878	−13	1887	−15	1876
Dubuque, Iowa	40	1895	41	1875	24	1899	15	1887	−12	1887	−24	1886
Duluth, Minn	45	1895	40	1886	29	1899	8	1878	−29	1875	−34	1879
Eastport, Me	45	1882	45	1880	35	1875	24	1891	−13	1875	−21	1884
Elkins, W. Va	45	1900	47	1900	26	1899	22	1899	8	1901	− 6	1901
El Paso, Tex	56	1880	52	1880	42	1880	28	1882	11	1880	− 5	1880
Erie, Pa	47	1891	47	1887	36	1894	23	1895	6	1880	−11	1880
Escanaba, Mich	41	1898	34	1891	24	1893	11	1887	− 9	1880	−23	1880
Eureka, Cal	43	1887	45	1890	36	1895	38	1893	27	1896	30	1895
Evansville, Ind	56	1897	54	1897	33	1899	32	1898	14	1898	− 6	1901
Fort Smith, Ark	56	1891	45	1891	37	1895	28	1894	17	1887	2	1892
Fort Worth, Tex	63	1901	65	1900	50	1901	31	1898	23	1898	9	1901
Fresno, Cal	50	1901	51	1895	44	1895	36	1892	27	1898	23	1897
Galveston, Tex	67	1887	68	1899	56	1890	44	1898	29	1880	18	1880
Grand Haven, Mich	40	1873	42	1890	30	1889	20	1887	0	1880	−12	1884
Grand Junction, Colo	50	1897	48	1900	32	1895	26	1900	7	1896	−11	1898
Greenbay, Wis	43	1895	40	1888	25	1899	8	1887	−12	1887	−21	1886
Hannibal, Mo	47	1892	47	1893	32	1899	22	1895	4	1898	−18	1901

[1] Also in 1891. [2] Also in 1882. [3] Also in 1885. [4] Also in 1896.

TABLE SHOWING THE LOWEST TEMPERATURES (IN DEGREES FAHRENHEIT) RECORDED

Stations.	No. years' record.	January.		February.		March.		April.		May.		June.	
		Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Harrisburg, Pa	13	— 4	1893	—13	1899	5	1900	22	1898	36	1891	43	1891
Hatteras, N. C	21	14	1886	11	1895	26	1890	31	1881	47	1882	56	1898
Havre, Mont	10	—43	1893	—55	1887	—41	1897	—11	1899	15	1899	31	1901
Helena, Mont	22	—42	1893	—41	1893	—20	1891	6	1896	22	1885	31	1880
Huron, S. Dak	20	—43	1887	—37	1899	—25	1897	7	1899	22	1889	31	1894
Independence, Cal	5	12	1899	11	1899	19	1898	28	1895	34	1901	38	1898
Indianapolis, Ind	28	—25	1884	—18	1899	0	1899	19	1875	31	1877	39	1894
Jacksonville, Fla	30	15	1886	10	1899	26	1899	34	1891	46	1894	54	1889
Jupiter, Fla	14	31	1898	27	1895	33	1890	39	1891	53	1898	64	1889
Kansas City, Mo	13	—17	1892	—22	1899	2	1891	22	1899	36	1890	48	1897
Keokuk, Iowa	30	—24	1884	—22	1895	— 6	1890	14	1899	29	1875	43	1889
Key West, Fla	31	41	1886	44	1899	48	1890	54	1891	63	1877	69	1887
Kittyhawk, N. C	27	9	1884	· 5	1886	20	1876	29	1898	42	1877	52	1884
Knoxville, Tenn	31	—16	1884	—10	1899	5	1899	24	1881	34	1894	43	1894
La Crosse, Wis	29	—43	1873	—34	1875	—23	1873	10	1881	29	1875	33	1897
Lander, Wyo	10	—36	1901	—35	1899	—22	1896	2	1893	17	1899	26	1899
Lewiston, Idaho	7	—14	1883	—18	1884	12	1880	29	1901	35	1881	39	1901
Lexington, Ky	14	—12	1895	—20	1899	1	1899	22	1898	32	1894	43	1889
Lincoln, Nebr	5	—14	1899	—26	1899	— 5	1897	17	1899	34	1900	44	1897
Little Rock, Ark	22	— 5	1886	—12	1899	16	1893	28	1886	44	1889	51	1889
Los Angeles, Cal	24	30	1883	28	1883	31	1893	36	1901	40	1883	46	1894
Louisville, Ky	29	—20	1884	—14	1899	3	1899	21	1875	33	1898	44	1889
Lynchburg, Va	29	— 6	1893	— 3	1899	14	1899	25	1881	34	1891	45	1889
Marquette, Mich	27	26	1881	—27	1875	—16	1884	3	1875	22	1875	31	1881
Memphis, Tenn	29	— 8	1886	— 9	1899	15	1899	27	1881	41	1883	50	1889
Meridian, Miss	12	12	1894	— 6	1899	17	1892	28	1891	41	1890	46	1894
Miles City, Mont	10	—45	1892	—49	1899	—26	1897	— 7	1899	24	1892	35	1895
Milwaukee, Wis	31	—25	1875	—24	1885	— 8	1884	12	1886	25	1875	38	1894
Minneapolis, Minn	11	—26	1897	—33	1899	—12	1899	12	1899	28	1891	36	1897
Mobile, Ala	31	11	1886	— 1	1899	25	1890	32	1881	46	1889	50	1889
Montgomery, Ala	29	5	1886	— 5	1899	21	1890	30	1881	43	1898	48	1889
Moorhead, Minn	21	—48	1887	—47	1888	—32	1897	—13	1881	14	1890	28	1888
Mount Tamalpais, Cal													
Nantucket, Mass	15	— 4	1888	— 1	1896	6	1887	22	1894	35	1901	43	1888
Narragansett, R. I	20	—11	1896	—12	1896	3	1890	12	1894	28	1891	40	1891
Nashville, Tenn	31	—10	1884	—13	1899	3	1899	26	1881	37	1888	42	1894
Neahbay, Wash	15	8	1893	5	1893	22	1891	27	1896	33	[1] 1894	36	1891
New Haven, Conn	29	—14	1873	—11	1896	0	1885	16	1874	30	1882	41	1884
New Orleans, La	31	15	1886	7	1899	30	1890	38	1881	53	1891	58	1889
New York, N. Y	30	— 6	1875	— 6	1899	3	1872	20	1874	34	1880	47	1878
Norfolk, Va	31	6	1893	2	1895	14	1888	24	1880	38	1876	49	1894
Northfield, Vt	15	—26	1893	—32	1889	—18	1897	— 1	1887	22	1900	30	1891
North Platte, Nebr	27	—35	1888	—35	1899	—21	1880	12	1875	25	1889	33	1876
Oklahoma, Okla	11	—11	1892	—17	1899	9	1892	22	1891	38	1893	48	1894
Omaha, Nebr	29	—32	1884	—26	1899	— 7	1880	6	1881	28	1875	42	1877
Oswego, N. Y	31	[2] —23	1885	—18	1896	—11	1872	13	1874	28	1885	39	1885
Palestine, Tex	20	0	1886	— 6	1899	20	1890	36	1886	43	1892	52	1892
Parkersburg, W. Va	13	—11	1893	—27	1899	4	1890	20	1898	31	1900	42	1889
Pensacola, Fla	22	15	1886	7	1899	25	1890	34	1881	44	1898	55	1889
Philadelphia, Pa	31	— 5	1875	— 6	1899	6	1885	18	1874	36	1891	47	1884
Phoenix, Ariz	17	12	1886	19	1884	24	1886	30	1883	35	1885	33	1885
Pierre, S. Dak	10	—39	1883	—39	1899	—15	1897	5	1899	30	1895	39	1897
Pittsburg, Pa	29	—12	1879	—20	1899	1	1900	14	1875	27	1876	39	1879
Port Crescent, Wash	7	9	1899	8	1893	20	1896	24	1896	31	1894	35	1895
Port Huron, Mich	27	—15	1883	—25	1885	—14	1885	7	1875	26	1882	35	1894

[1] Also in 1886 and 1891.

[2] Estimated.

AT WEATHER BUREAU STATIONS FOR EACH MONTH OF THE YEAR—Continued.

Stations.	July.		August.		September.		October.		November.		December.	
	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Harrisburg, Pa	50	1890	50	1896	36	1888	28	1893	14	1891	4	1894
Hatteras, N. C	61	1885	62	1888	50	1888	42	1887	28	1892	8	1880
Havre, Mont	31	1892	34	1895	18	1895	2	1899	—33	1896	—43	1897
Helena, Mont	36	1898	34	1880	20	1900	3	1887	—22	1896	—40	1880
Huron, S. Dak	41	1891	33	1886	18	1899	3	1895	—28	1887	—34	1884
Independence, Cal	49	1898	46	1895	34	1895	29	1900	24	1895	15	1900
Indianapolis, Ind	48	1885	46	1890	30	1899	22	1895	— 5	1880	—15	1876
Jacksonville, Fla	66	[1]1892	64	[2]1890	49	1897	40	1873	26	1887	14	1894
Jupiter, Fla	68	1895	68	1889	61	1897	48	1890	42	1901	24	1894
Kansas City, Mo	54	1891	46	[1]1895	35	1899	26	1895	4	1896	—13	1892
Keokuk, Iowa	50	1892	47	1891	30	1899	20	1895	— 3	1872	—22	1872
Key West, Fla	68	1888	68	1894	69	1893	59	1892	52	1873	44	1876
Kittyhawk, N. C	58	1899	58	1888	39	1888	38	1876	23	1879	8	1880
Knoxville, Tenn	52	1885	50	1879	35	1888	25	1876	12	1872	— 5	1880
La Crosse, Wis	46	1895	39	1891	24	1899	6	1887	—21	1875	—37	1872
Lander, Wyo	36	1895	33	1899	7	1895	10	[3]1896	—31	1896	—29	1900
Lewiston, Idaho	47	1901	45	1882	34	1883	28	1881	4	1900	—16	1879
Lexington, Ky	51	1891	51	1890	32	1899	23	1895	6	1887	— 8	1901
Lincoln, Nebr	53	1897	48	1897	27	1899	24	1898	— 2	1898	—18	1897
Little Rock, Ark	60	1894	52	1891	41	1896	32	1898	10	1880	6	1880
Los Angeles, Cal	49	1888	49	1901	44	1880	40	1892	34	1881	30	1879
Louisville, Ky	54	1895	52	1885	36	1888	26	1887	4	1872	— 7	1880
Lynchburg, Va	53	1899	47	1890	35	1888	28	1893	13	1880	— 5	1880
Marquette, Mich	38	1886	33	1885	28	1883	12	1887	— 9	1875	—20	1880
Memphis, Tenn	58	1891	53	1891	41	1896	27	1895	16	1880	3	1880
Meridian, Miss	58	1897	49	1891	49	1899	29	1891	18	1894	9	1894
Miles City, Mont	42	1895	39	1893	22	1895	14	1895	—26	1897	—31	1897
Milwaukee, Wis	47	1895	42	1875	30	1899	15	1887	—14	1875	—22	1884
Minneapolis, Minn	44	1891	42	1891	29	1899	16	1895	—13	1891	—27	1901
Mobile, Ala	64	1882	57	1891	49	1896	34	1873	25	1887	14	1880
Montgomery, Ala	61	1898	58	1891	45	1899	31	1873	21	1872	8	1880
Moorhead, Minn	39	1889	32	1886	17	1883	3	1895	—26	1896	—36	1887
Mount Tamalpais, Cal												
Nantucket, Mass	48	1891	53	1887	41	1888	35	1888	15	1901	6	1892
Narragansett, R. I	42	1892	43	1894	32	1888	25	1891	6	1897	— 9	1884
Nashville, Tenn	56	1891	51	1891	38	1899	27	1887	10	1887	— 2	1901
Neahbay, Wash	39	1888	40	1895	36	1887	27	1893	25	1887	18	1884
New Haven, Conn	49	1891	45	1885	32	1888	24	1879	2	1875	—10	1884
New Orleans, La	67	1892	63	1891	55	1901	40	1873	30	1891	20	1880
New York, N. Y	50	1873	51	1885	36	1872	31	1876	7	1875	— 6	1880
Norfolk, Va	57	1892	56	1888	40	1888	31	1876	20	1872	6	1880
Northfield, Vt	34	1898	33	1894	24	1901	12	1889	—14	1891	—24	1898
North Platte, Nebr	42	1889	40	1893	21	1876	9	1887	—25	1887	—30	1901
Oklahoma, Okla	56	1891	49	1891	36	1895	27	1898	9	1894	— 2	1901
Omaha, Nebr	50	1895	44	1886	30	1873	15	1878	—14	1887	—17	1884
Oswego, N. Y	45	1885	44	1884	36	1888	24	1887	— 1	1875	—18	1884
Palestine, Tex	62	1898	54	1891	43	1899	34	1898	20	1887	8	1894
Parkersburg, W. Va	48	1894	45	1890	33	1888	20	1895	15	1900	— 5	1901
Pensacola, Fla	64	1882	62	1891	54	1890	38	1887	28	1881	14	1894
Philadelphia, Pa	54	1891	51	1890	40	1888	31	1873	8	1875	— 5	1880
Phoenix, Ariz	46	1885	49	1885	39	1884	34	1883	24	1880	18	1879
Pierre, S. Dak	45	1899	39	1893	27	1893	4	1895	—16	1896	—19	1901
Pittsburg, Pa	49	1894	45	1890	35	1893	20	1887	4	1880	— 9	1880
Port Crescent, Wash	35	1895	26	1893	22	1893	27	1893	15	1900	18	1892
Port Huron, Mich	42	1901	41	1888	30	1899	19	1895	— 6	1880	—14	1880

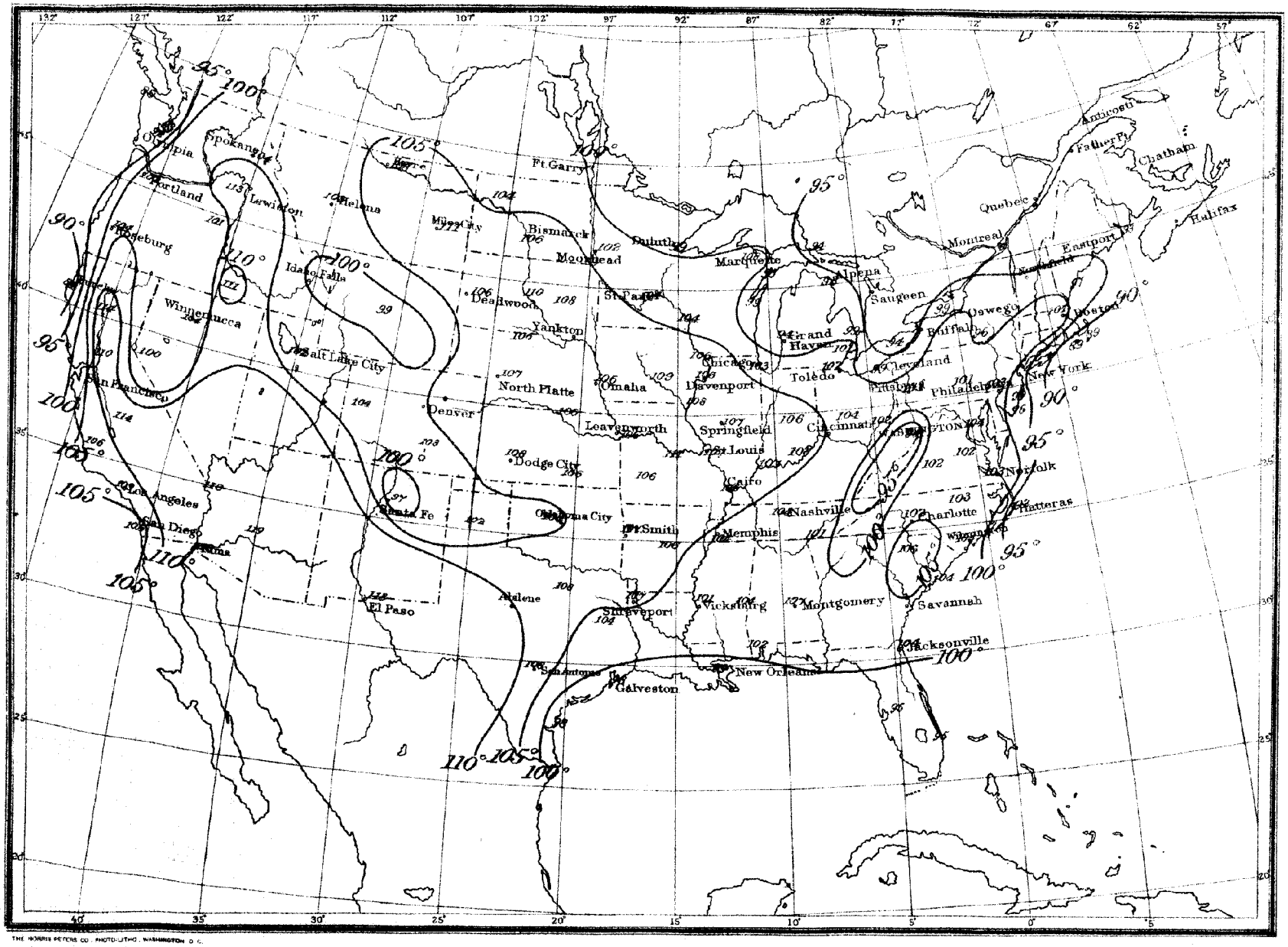
[1] Also in 1891. [2] Also in 1889. [3] Also in 1895.

TABLE SHOWING THE LOWEST TEMPERATURES (IN DEGREES FAHRENHEIT) RECORDED

Stations.	No. years' record.	January.		February.		March.		April.		May.		June.	
		Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Portland, Me	30	—15	1887	—15	1894	— 7	1872	14	1874	30	1900	42	1891
Portland, Oreg	29	— 2	1888	7	1884	20	1896	28	1875	32	1894	39	1875
Pueblo, Colo	13	—23	1901	—27	1899	— 9	1892	15	1893	24	1893	38	1892
Raleigh, N. C	15	2	1893	— 2	1899	16	1901	30	1898	38	1891	46	1894
Rapid City, S. Dak	16	—30	[1]1888	—34	1899	—17	1891	— 2	1899	20	1883	35	1883
Redbluff, Cal	24	18	1888	22	1884	26	1896	30	1901	37	1879	44	1898
Richmond, Va	4	10	1899	— 3	1899	15	1901	28	1898	40	1898	55	1899
Rochester, N. Y	30	—12	1873	—12	1875	— 7	1872	11	1879	28	1880	36	1879
Roseburg, Oreg	24	— 6	1888	3	1884	18	1896	26	1890	30	1886	36	1893
Sacramento, Cal	24	19	1888	21	1884	29	1880	35	1901	39	1896	44	1890
St. Louis, Mo	31	—22	1884	—16	1899	3	1899	22	1875	32	1875	44	1894
St. Paul, Minn	29	—41	1888	—33	1899	—22	1873	7	1874	24	1875	36	1885
Salt Lake City, Utah	28	—20	1883	—13	1884	0	1890	18	1896	25	1899	33	1898
San Antonio, Tex	23	6	1886	4	1899	21	1890	35	1886	46	1889	53	1877
San Diego, Cal	30	32	1894	34	1891	36	1894	39	1875	45	1894	50	1884
Sandusky, Ohio	24	—16	1879	—15	1899	— 3	1885	14	1881	34	1890	40	1894
San Francisco, Cal	31	29	1888	33	1887	33	1896	40	1891	43	1899	47	1893
San Luis Obispo, Cal	8	22	1901	25	1899	28	1898	32	1896	34	1899	37	1895
Santa Fe, N. Mex	28	—13	1883	—11	1888	0	1880	11	1875	24	1887	33	1880
Sault Ste. Marie, Mich	13	—28	1899	—37	1899	—27	1890	3	1890	24	1890	32	1897
Savannah, Ga	31	12	1886	8	1899	24	1899	33	1881	44	1894	50	1889
Seattle, Wash	9	16	1899	12	1899	20	1897	32	1898	37	1894	42	1895
Shreveport, La	29	1	1886	— 5	1899	22	1890	32	1881	46	1892	55	1889
Sioux City, Iowa	12	—28	1892	—31	1899	—14	1891	13	1890	29	1900	39	1901
Spokane, Wash	21	—30	1888	—23	1890	—10	1891	22	1890	29	1881	34	1891
Springfield, Ill	22	—22	1884	—21	1899	2	1899	19	1899	34	1895	40	1894
Springfield, Mo	16	—17	1894	—29	1899	3	1899	22	1899	34	1888	46	1882
Tacoma, Wash	5	14	1899	9	1899	24	1898	30	1898	36	1900	40	1899
Tampa, Fla	12	27	1900	22	1899	32	1893	38	1891	53	1894	64	1898
Toledo, Ohio	31	—16	1897	—16	1885	— 3	1873	12	1875	30	1876	41	1894
Topeka, Kans	14	—23	1892	—25	1899	— 1	1891	20	1899	30	1889	36	1888
Valentine, Nebr	15	—38	1894	—37	1899	—26	1891	0	1899	22	1887	36	1892
Vicksburg, Miss	29	3	1886	— 1	1899	24	1892	31	1881	46	1877	52	1889
Walla Walla, Wash	16	—17	1888	—15	1893	2	1891	29	1887	35	1901	40	1901
Washington, D. C	31	—14	1881	—15	1899	4	1873	22	1875	34	1876	43	1897
Wichita, Kans	13	—14	1892	—22	1899	3	1892	21	1899	34	1893	44	1897
Williston, N. Dak	8	—36	1894	—41	1899	—35	1897	— 4	1899	18	1899	32	1897
Wilmington, N. C	31	9	1884	5	1899	20	1873	28	1875	38	1876	51	1884
Winnemucca, Nev	23	—28	1888	—22	1890	— 3	1882	12	1901	17	1887	29	1880
Yankton, S. Dak	29	—32	1892	—30	1899	—18	1888	— 3	1881	24	1875	38	1879
Yuma, Ariz	26	22	1883	25	1880	31	1881	38	1901	44	1887	52	1892

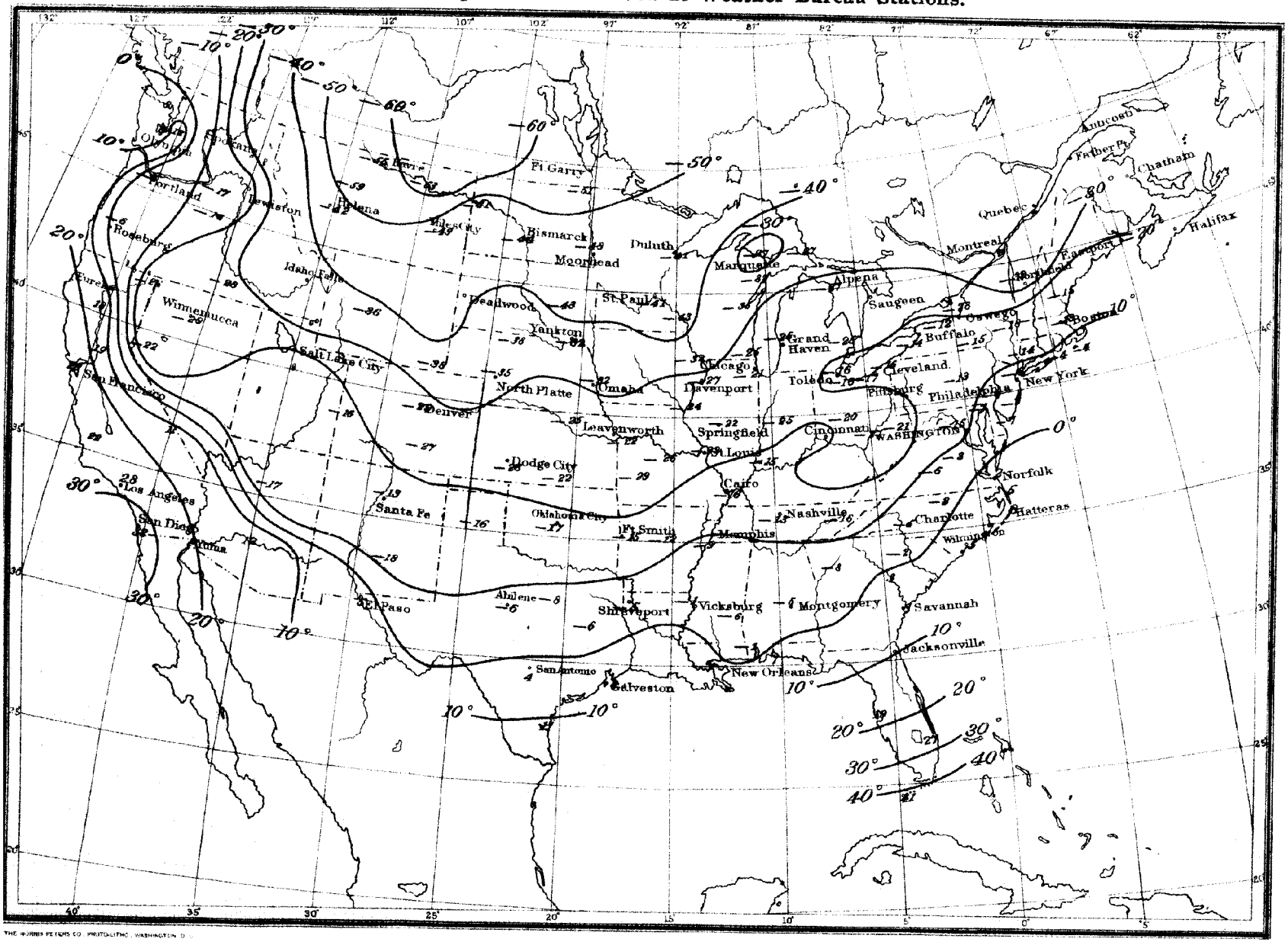
[1] Also in 1883.

Highest Temperatures Observed at Weather Bureau Stations.



THE HORRIS PETERS CO. PHOTO-LITHO. WASHINGTON D. C.

Lowest Temperatures Observed at Weather Bureau Stations.



THE WORMS PETERS CO. PHOTO-LITHO. WASHINGTON, D.C.

AT WEATHER BUREAU STATIONS FOR EACH MONTH OF THE YEAR—Continued.

Stations.	July.		August.		September.		October.		November.		December.	
	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.	Degrees	Year.
Portland, Me	48	1899	46	1894	33	1888	26	1889	-- 6	1875	—17	1872
Portland, Oreg	45	1901	43	1876	36	1895	31	1895	11	1896	3	1879
Pueblo, Colo	43	1897	41	1899	28	1895	19	1895	—17	1896	—18	1892
Raleigh, N. C	54	1892	52	1887	39	1888	31	1893	17	1891	9	1899
Rapid City, S. Dak	42	1883	42	1888	25	1893	10	1895	— 9	1896	—25	1882
Redbluff, Cal	53	1881	52	1881	45	1901	32	1881	26	1880	25	1879
Richmond, Va	58	1898	63	1899	45	1899	34	1898	19	1901	4	1899
Rochester, N. Y	45	1898	43	1884	34	1879	19	1879	1	1875	—11	1871
Roseburg, Oreg	40	1887	40	1882	35	1881	22	1881	14	1896	7	1879
Sacramento, Cal	47	1901	48	1887	44	1893	36	1881	27	1880	24	1883
St. Louis, Mo	55	1891	52	1887	37	1899	24	1887	5	1872	—17	1872
St. Paul, Minn	45	1895	40	1891	28	1899	12	1887	--24	1875	—39	1879
Salt Lake City, Utah	45	1991	44	1880	29	1895	22	1878	— 2	1896	—10	1879
San Antonio, Tex	58	1878	57	1891	46	1890	37	1898	21	1880	10	1880
San Diego, Cal	54	1884	54	1878	50	1880	44	1878	38	1895	32	1879
Sandusky, Ohio	52	[1]1895	48	1890	36	1899	24	1887	0	1880	—13	1880
San Francisco, Cal	47	1898	47	1893	47	1900	45	1881	38	1896	34	1879
San Luis Obispo, Cal	43	1901	40	1894	41	1898	38	1898	28	1895	24	1897
Santa Fe, N. Mex	43	1897	40	1882	27	1880	16	1880	—11	1880	--13	1879
Sault Ste. Marie, Mich	40	1898	38	1890	28	1899	16	1898	— 7	1894	—19	1894
Savannah, Ga	63	1898	61	1896	46	1897	37	1873	22	1872	12	1894
Seattle, Wash	48	1901	46	1899	36	1895	31	1893	15	1896	27	1895
Shreveport, La	62	1899	54	1891	45	1896	31	1873	18	1880	10	1880
Sioux City, Iowa	41	1895	40	1891	25	1899	12	1895	— 9	1891	—22	1901
Spokane, Wash	41	1887	38	1881	26	1889	12	1887	—13	1896	—18	1884
Springfield, Ill	49	1891	48	1891	31	1899	20	1887	2	1898	—14	1880
Springfield, Mo	53	1891	44	1891	37	1895	21	1887	6	1898	—11	1901
Tacoma, Wash	47	1901	45	1899	39	1900	32	1899	16	1900	22	1898
Tampa, Fla	65	1890	66	1896	54	1897	44	1891	34	1891	19	1894
Toledo, Ohio	49	1891	44	1888	30	1899	21	1887	5	1880	—15	1872
Topeka, Kans	50	1891	40	1891	33	1888	22	1887	— 5	1887	—10	1892
Valentine, Nebr	38	1887	36	1893	21	1893	3	1887	—32	1887	—34	1901
Vicksburg, Miss	62	1881	54	1891	42	1896	34	1887	22	1891	12	1880
Walla Walla, Wash	45	1891	44	1887	36	1895	24	1887	— 9	1896	— 2	1898
Washington, D. C	52	1895	49	1890	38	1879	26	1893	12	1880	—13	1880
Wichita, Kans	53	1892	45	1893	34	1895	26	1898	7	[2]1897	—10	1894
Williston, N. Dak	37	1898	34	1895	17	1895	— 3	1895	—26	1898	—32	1893
Wilmington, N. C	58	1890	56	1874	42	1887	32	1876	20	1872	10	1880
Winnemucca, Nev	35	1897	26	1887	16	1895	10	1878	— 9	1880	—20	1879
Yankton, S. Dak	44	1877	41	1893	24	1899	9	1878	—18	1887	—34	1879
Yuma, Ariz	61	1879	60	1887	50	1894	41	1883	31	1880	24	1901

[1] Also in 1892.

[2] Also in 1896.

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DAILY MEAN TEMPERATURES AT FORTY-TWO SELECTED STATIONS.

In computing the daily means which appear in the tables following the means of the daily maximum and the daily minimum temperature for the period 1888–1895, together with the means of observations taken daily at 7 a. m., 3 and 11 p. m., Washington mean time, for the period 1871–1887, have been used. The means are given as computed without the application of corrections of any sort whatsoever.

DAILY MEAN TEMPERATURE (in deg. Fahr.).

ABILENE, TEX.

[Ten years, 1886 to 1895; annual mean, 63.4.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	41	41	51	60	68	75	81	83	76	70	63	53
2	42	44	55	61	68	74	82	82	77	69	58	54
3	44	40	50	64	71	77	81	82	77	69	56	44
4	48	42	46	59	71	76	81	80	77	70	61	46
5	51	44	47	62	74	76	81	80	77	70	57	52
6	46	49	48	63	74	73	81	80	77	67	57	49
7	46	44	49	67	72	74	81	81	79	65	58	49
8	34	45	53	69	71	76	79	81	78	65	53	48
9	35	46	54	63	73	78	80	81	78	67	51	49
10	40	46	54	66	71	77	82	81	76	68	50	52
11	39	40	50	68	69	76	82	82	76	68	49	50
12	39	40	54	68	70	76	82	83	77	67	47	45
13	38	46	54	68	70	78	83	83	76	66	51	48
14	42	44	53	62	71	80	84	84	78	64	52	52
15	40	40	51	65	71	83	84	84	76	66	55	48
16	40	47	54	67	71	80	84	83	77	65	49	48
17	42	53	55	67	71	77	84	81	76	66	43	47
18	40	51	58	64	69	78	85	82	77	64	47	49
19	42	49	58	62	72	81	84	82	76	63	50	46
20	43	48	59	62	72	80	84	80	76	64	53	47
21	42	45	57	66	73	81	84	80	76	63	55	50
22	42	50	55	66	72	80	82	78	74	63	53	48
23	39	49	57	66	72	80	83	78	72	61	46	53
24	41	50	58	67	74	81	83	77	71	59	46	52
25	46	48	56	68	75	81	83	78	70	61	47	44
26	44	47	54	68	77	81	83	77	71	58	49	41
27	46	51	52	67	74	81	85	78	68	58	49	40
28	47	47	55	71	75	81	86	77	66	60	49	43
29	45	.....	58	68	76	81	84	76	67	60	50	42
30	50	.....	61	66	76	81	82	76	66	60	56	42
31	54	.....	62	.....	74	.....	83	76	.....	64	.....	41
Means	42.8	45.9	54.1	65.3	72.2	78.4	82.7	80.2	74.6	64.5	52.0	47.5

ALPENA, MICH.

[Twenty-three years, 1873 to 1895; annual mean, 41.3.]

1	22	14	20	30	43	56	64	65	61	50	39	26
2	21	14	20	30	43	56	64	64	63	51	39	27
3	19	16	21	31	45	55	64	65	63	52	38	27
4	18	13	20	32	44	56	64	64	62	48	38	27
5	19	14	20	32	45	55	65	63	60	47	38	28
6	20	17	24	33	45	56	65	65	61	47	38	27
7	19	20	23	35	46	56	67	64	61	48	40	26
8	18	19	22	34	47	57	67	66	58	49	38	26
9	16	17	25	37	50	58	66	66	58	49	38	26
10	16	19	25	36	47	58	64	64	59	48	36	27
11	17	19	26	35	47	60	64	65	60	47	38	26
12	16	18	23	37	48	61	67	64	58	47	36	26
13	19	17	23	37	46	61	66	63	56	46	34	27
14	15	17	21	36	46	61	66	64	57	45	34	25
15	17	21	21	37	46	62	68	61	58	47	33	25
16	17	21	22	36	48	62	66	62	56	47	33	23
17	20	19	22	38	50	61	66	64	56	46	32	22
18	18	21	23	39	49	62	64	64	57	44	31	23
19	17	19	24	40	50	63	64	64	56	45	29	23
20	19	17	24	40	51	62	64	64	54	45	28	24
21	19	20	26	42	49	62	64	63	55	44	30	25
22	17	19	24	41	50	62	65	62	55	44	31	26
23	14	15	25	41	52	64	65	62	55	40	31	25
24	16	18	25	39	54	64	65	62	57	41	28	25
25	18	21	25	39	55	64	66	62	56	41	27	25
26	17	19	27	40	54	63	65	63	54	42	29	23
27	19	19	28	44	53	63	66	64	52	41	27	22
28	18	20	26	42	52	63	66	62	52	40	26	23
29	20	.....	28	41	54	63	66	64	52	40	23	22
30	21	.....	29	40	55	63	65	63	53	40	23	20
31	18	.....	31	.....	54	.....	66	61	.....	40	.....	22
Means	18.1	18.0	24.0	37.1	49.0	60.3	65.3	63.5	57.2	45.2	32.8	24.8

DAILY MEAN TEMPERATURE—Continued.

BISMARCK, N. DAK.

[Twenty-one years, 1875 to 1895; annual mean, 39.6.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	6	20	33	44	56	70	68	64	51	35	18
2	0	7	19	35	46	56	68	68	61	50	34	19
3	5	6	16	34	47	57	67	69	63	49	35	20
4	6	9	16	35	50	58	69	70	62	48	34	21
5	5	12	15	36	50	59	70	70	61	48	35	18
6	2	9	16	38	50	61	69	70	59	49	36	17
7	2	8	18	40	53	62	68	72	58	47	32	18
8	2	6	20	40	52	61	67	69	58	47	32	19
9	4	6	19	37	52	61	69	67	58	49	32	20
10	5	8	21	38	52	63	71	68	60	46	34	21
11	3	5	21	40	52	64	72	68	59	44	31	18
12	0	8	19	41	53	65	70	69	57	45	31	19
13	2	11	17	40	55	66	70	68	60	46	29	18
14	2	8	16	41	55	64	70	67	58	45	26	18
15	2	4	16	43	54	65	69	69	55	45	27	18
16	6	7	20	44	56	63	68	67	56	46	22	16
17	4	8	22	45	56	65	68	68	56	46	23	18
18	2	8	21	45	56	66	70	67	56	44	22	16
19	5	7	22	43	54	67	68	68	56	43	24	16
20	6	10	23	46	54	65	70	65	56	42	24	17
21	4	12	24	47	56	65	70	66	55	41	22	14
22	3	12	30	46	58	66	70	67	55	41	18	14
23	3	15	30	46	58	66	70	66	55	42	15	11
24	7	15	28	49	57	66	70	67	54	39	18	7
25	7	12	29	49	58	86	70	66	54	37	21	4
26	8	14	28	47	58	67	69	66	54	40	19	6
27	8	14	28	47	59	67	70	66	53	39	16	10
28	8	18	30	45	61	68	71	65	54	37	13	8
29	10	.....	32	46	59	69	70	65	52	37	16	5
30	10	.....	33	47	57	69	72	65	50	37	21	6
31	6	.....	33	.....	58	.....	71	65	.....	37	.....	7
Means	4.5	9.5	22.6	42.1	54.2	63.8	69.5	67.5	57.0	43.8	25.9	14.7

BOSTON, MASS.

[Twenty-five years, 1871 to 1895; annual mean, 48.6.]

1	31	26	31	38	50	63	70	70	67	57	46	29
2	31	23	31	40	50	63	72	70	66	60	47	32
3	27	27	32	41	51	61	72	69	65	56	46	33
4	27	24	32	42	54	62	71	71	66	58	43	34
5	28	23	30	40	53	63	71	71	67	55	43	35
6	29	26	31	41	52	64	71	71	66	55	44	35
7	28	27	34	40	52	64	72	71	65	55	44	34
8	28	29	34	43	53	64	72	71	65	56	45	34
9	28	28	34	42	56	65	72	71	64	55	47	34
10	25	27	36	45	58	64	71	72	63	54	43	33
11	25	30	34	44	56	66	71	72	63	53	42	33
12	26	30	36	42	56	64	70	71	63	51	43	31
13	28	30	36	44	54	65	73	70	63	52	42	33
14	28	29	35	44	54	66	72	69	63	52	42	32
15	24	30	32	44	54	67	72	69	62	52	41	30
16	26	31	33	45	55	69	72	68	62	52	41	30
17	26	30	32	44	56	68	71	69	63	52	42	30
18	28	30	33	44	56	66	71	69	62	51	41	29
19	28	29	34	47	57	67	71	69	62	50	38	30
20	27	30	33	48	59	68	72	68	61	52	37	29
21	28	28	35	50	58	69	71	68	59	50	36	29
22	28	28	35	49	59	68	71	69	59	51	37	31
23	26	27	35	49	59	69	71	68	60	51	39	32
24	24	26	35	49	60	68	72	70	60	48	38	30
25	25	30	36	48	61	69	73	68	60	47	37	30
26	26	30	37	50	60	68	72	66	61	46	36	29
27	26	29	38	50	61	69	71	66	59	49	36	30
28	26	28	37	49	61	70	70	66	59	48	37	29
29	25	.....	37	49	62	70	70	66	58	47	35	30
30	26	.....	36	51	62	71	71	66	58	47	30	27
31	29	.....	37	.....	62	.....	70	68	.....	47	.....	28
Means	27.0	28.0	34.2	45.1	56.5	66.3	71.3	69.1	62.4	51.9	40.6	31.1

DAILY MEAN TEMPERATURE—Continued.

BUFFALO, N. Y.

[Twenty-five years, 1871 to 1895; annual mean, 46.5.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	29	21	27	37	48	61	69	70	65	56	44	29
2	27	20	27	36	46	62	69	70	66	56	46	32
3	25	24	28	37	48	62	70	69	66	57	42	33
4	24	20	25	38	48	61	69	70	68	55	42	32
5	25	20	26	36	50	61	69	70	67	52	42	32
6	26	21	31	37	50	61	69	69	66	52	43	33
7	24	24	29	39	51	60	70	70	66	53	45	32
8	25	25	30	40	53	61	70	70	64	53	45	31
9	24	25	32	40	54	64	70	71	64	54	44	32
10	21	25	32	40	54	64	69	70	63	53	42	32
11	25	27	31	39	52	64	70	70	63	52	42	32
12	24	25	30	40	51	64	70	70	65	52	41	32
13	27	23	29	41	52	65	71	68	62	51	40	32
14	24	24	28	44	52	65	70	69	61	50	40	30
15	23	25	28	42	52	67	71	68	63	50	39	29
16	23	26	28	41	51	67	71	67	62	52	38	30
17	24	26	28	42	53	66	71	68	60	52	39	28
18	24	27	30	44	57	66	69	69	62	49	35	28
19	23	26	30	41	57	66	69	68	62	48	35	27
20	25	24	30	44	57	68	68	69	59	50	34	28
21	26	24	30	45	56	67	68	68	59	49	35	29
22	24	26	29	43	57	66	69	68	60	50	35	30
23	21	24	30	45	57	67	69	68	62	48	36	30
24	22	26	30	44	58	67	69	67	60	46	34	29
25	23	28	32	44	59	68	70	66	60	46	33	29
26	23	26	34	46	58	69	70	67	59	47	34	28
27	25	25	34	48	57	68	70	67	58	46	34	27
28	24	28	31	46	56	68	71	68	58	44	32	27
29	24	.....	32	46	59	68	71	67	57	45	29	27
30	26	.....	34	45	60	68	70	67	57	45	27	26
31	25	.....	36	.....	62	.....	71	67	.....	45	.....	27
Means	24.4	24.5	30.0	41.7	54.0	65.0	69.7	68.5	62.1	50.3	38.2	29.8

CHICAGO, ILL.

[Twenty-four years, 1872 to 1895; annual mean, 48.3.]

1	27	22	32	40	49	61	70	72	67	58	46	31
2	23	24	32	39	49	62	70	71	69	60	45	31
3	25	24	30	42	52	63	72	71	69	59	43	33
4	22	21	28	42	51	63	69	71	69	55	45	31
5	24	23	32	43	52	61	70	71	68	55	45	31
6	23	27	34	42	53	60	72	71	69	54	45	31
7	23	27	32	43	53	62	73	72	68	57	46	30
8	23	26	34	43	58	65	72	74	67	56	44	30
9	21	26	35	44	58	64	71	73	67	56	43	29
10	20	30	35	44	58	63	70	71	65	55	43	29
11	22	28	35	43	55	67	73	72	65	55	43	32
12	24	27	35	45	55	67	74	71	65	55	41	32
13	22	26	34	46	52	64	72	71	62	54	39	32
14	20	26	31	46	53	67	74	70	65	52	39	30
15	24	28	31	44	53	69	74	69	65	53	39	30
16	23	28	32	44	55	68	74	70	63	53	39	30
17	23	29	34	46	58	68	73	71	64	53	38	27
18	24	29	35	48	58	68	70	73	64	50	35	26
19	23	27	33	46	58	68	72	72	63	50	33	28
20	23	26	32	46	57	69	70	72	61	50	35	30
21	23	26	33	48	56	68	71	72	63	51	35	30
22	24	27	34	49	56	69	72	70	63	49	37	29
23	21	26	36	48	58	72	72	70	63	48	34	29
24	22	30	36	46	61	72	75	69	63	47	31	29
25	24	29	36	49	58	70	74	69	62	49	33	28
26	26	29	38	51	60	70	72	70	60	48	34	26
27	25	29	37	52	59	70	73	71	60	46	32	24
28	24	31	35	50	60	69	73	70	60	48	29	25
29	26	.....	36	48	62	70	72	70	59	46	32	28
30	26	.....	38	50	61	71	72	69	58	45	30	28
31	25	.....	41	.....	60	.....	72	69	.....	44	.....	28
Means	23.4	26.8	34.1	45.6	56.1	66.7	72.0	70.9	64.2	52.0	38.4	29.3

DAILY MEAN TEMPERATURE—Continued.

CINCINNATI, OHIO.

[Twenty-five years, 1871 to 1895; annual mean, 55.1.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	35	32	40	49	60	69	76	78	71	62	50	38
2	32	34	40	48	58	70	77	77	71	63	50	38
3	32	36	37	50	60	71	78	75	72	64	46	40
4	32	32	36	51	62	72	77	75	74	61	48	39
5	32	32	38	52	61	70	77	75	73	60	50	39
6	33	35	41	52	62	70	78	75	73	59	49	40
7	31	36	42	54	63	71	78	76	74	58	50	38
8	31	35	41	54	64	72	78	76	72	59	51	38
9	30	36	43	51	65	72	78	77	72	60	50	36
10	28	37	40	52	66	72	77	77	71	59	48	38
11	32	38	43	51	64	72	78	76	69	58	47	40
12	31	36	43	54	63	73	79	76	70	58	46	39
13	33	35	42	55	63	74	79	75	69	58	46	39
14	31	35	42	56	63	75	79	75	67	56	43	38
15	32	35	41	54	63	75	79	75	68	60	45	37
16	32	37	40	55	62	76	78	75	68	57	45	35
17	31	38	40	54	64	76	77	75	66	59	44	36
18	32	38	45	56	66	75	78	75	68	56	42	35
19	32	38	44	58	66	75	76	75	68	55	40	35
20	35	36	42	56	66	76	76	75	66	54	40	35
21	34	37	41	56	66	75	75	76	65	54	41	37
22	34	37	42	55	65	75	76	75	65	54	42	37
23	32	36	43	55	64	75	76	74	66	52	41	38
24	31	41	44	56	68	77	77	73	64	52	38	36
25	33	40	44	57	68	76	78	74	66	53	39	36
26	34	38	45	59	68	76	78	74	64	54	41	33
27	36	38	46	60	68	76	77	74	63	52	41	31
28	34	40	43	59	71	77	77	73	64	54	36	32
29	33	.....	44	59	69	76	77	74	63	51	34	34
30	36	.....	47	59	68	76	77	72	62	48	34	34
31	35	.....	49	.....	70	.....	78	74	.....	48	.....	35
Means	32.5	36.4	42.2	54.6	64.7	73.8	77.4	75.0	68.1	56.4	43.9	36.6

CLEVELAND, OHIO.

[Twenty-five years, 1871 to 1895; annual mean, 48.9.]

1	31	24	31	40	51	64	70	72	66	58	46	32
2	27	24	31	39	51	65	71	71	67	58	46	33
3	26	27	31	41	53	66	72	70	68	60	43	35
4	25	24	28	41	52	66	71	70	68	56	43	33
5	27	22	30	42	55	64	71	70	68	56	45	33
6	28	26	33	42	54	64	71	70	68	55	44	33
7	25	28	33	43	55	64	73	70	68	55	47	32
8	27	28	34	44	58	65	73	71	66	55	47	31
9	25	27	36	45	60	66	71	72	66	56	46	32
10	22	29	35	44	60	66	71	71	65	54	43	33
11	26	30	35	43	56	67	70	72	65	54	45	33
12	25	28	32	44	56	67	72	70	66	53	43	34
13	28	27	33	47	54	66	73	70	64	52	41	34
14	24	26	32	47	55	68	72	69	63	52	40	32
15	26	28	32	45	54	70	74	69	65	52	39	31
16	26	30	32	44	54	70	73	69	64	53	40	30
17	25	30	31	44	56	69	73	70	63	54	40	29
18	26	31	34	47	59	69	71	70	64	51	37	29
19	26	30	34	48	59	69	71	69	62	51	37	30
20	28	28	33	48	61	68	70	71	61	50	34	31
21	27	28	32	48	59	70	69	71	61	51	36	33
22	26	29	32	48	58	69	70	68	62	52	37	32
23	24	27	34	49	59	69	70	69	62	50	38	32
24	25	31	34	48	62	71	71	69	62	49	35	31
25	25	31	35	48	62	70	78	68	62	49	35	31
26	26	29	37	50	61	71	72	68	61	49	35	29
27	28	29	37	52	63	71	72	68	60	47	36	27
28	27	32	35	51	61	70	72	68	60	45	33	26
29	26	.....	35	49	63	69	71	68	60	48	30	29
30	29	.....	37	49	63	70	71	68	58	46	30	28
31	27	.....	39	.....	64	.....	72	67	.....	46	.....	30
Means	26.2	28.0	33.5	45.7	57.7	67.8	71.5	69.6	63.8	52.2	39.7	31.2

DAILY MEAN TEMPERATURE—Continued.

DENVER, COLO.

[Twenty-four years, 1872 to 1895; annual mean, 49.4.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	27	27	37	43	50	60	72	69	67	58	42	41
2	27	29	38	46	50	60	71	71	66	58	43	37
3	28	31	35	46	53	61	73	72	67	55	45	35
4	28	32	36	45	56	61	72	72	66	55	43	35
5	29	31	35	45	56	62	73	72	66	54	44	35
6	26	30	36	45	54	64	74	73	64	56	44	35
7	26	30	36	45	52	64	72	73	63	54	42	34
8	24	32	38	43	54	62	70	72	62	55	40	36
9	28	30	38	44	55	62	70	70	63	56	40	35
10	31	30	38	48	54	65	72	71	64	53	41	35
11	28	30	38	47	54	65	74	71	63	52	37	33
12	27	31	40	44	55	67	73	71	62	50	36	34
13	26	31	39	43	56	67	73	70	64	51	36	36
14	25	32	36	46	58	66	73	70	63	53	37	33
15	24	31	36	47	57	67	73	70	62	50	37	36
16	26	34	38	49	55	66	70	71	63	51	33	34
17	25	33	38	46	56	68	71	71	63	50	32	30
18	25	33	40	47	57	69	72	70	62	49	36	32
19	27	33	39	47	58	69	72	70	61	49	39	29
20	28	34	39	48	58	69	71	70	62	48	39	30
21	29	36	38	47	58	68	71	68	60	47	37	30
22	28	35	41	46	57	70	71	69	60	48	34	31
23	28	35	42	48	59	70	71	69	60	48	35	30
24	31	34	42	48	58	70	71	69	58	47	36	28
25	34	32	41	49	59	70	71	70	58	46	37	29
26	32	34	41	50	60	71	70	70	57	46	34	29
27	29	36	41	52	61	69	71	69	57	47	33	29
28	30	36	43	51	61	70	70	67	57	47	34	27
29	34	.....	42	50	60	70	72	67	58	46	36	24
30	33	.....	43	51	58	70	71	68	58	43	38	25
31	30	.....	39	.....	58	.....	72	67	.....	43	.....	24
Means	28.2	32.2	38.8	46.9	56.4	66.4	71.7	70.1	61.9	50.5	38.0	32.0

DES MOINES, IOWA.

[Seventeen years, 1879 to 1895; annual mean, 48.5.]

1	18	17	31	43	55	63	74	75	68	61	46	31
2	15	22	31	43	55	65	75	73	68	62	43	29
3	16	18	31	45	57	66	74	71	69	57	44	30
4	19	19	29	45	56	66	72	72	69	57	45	30
5	18	21	28	47	58	66	73	72	68	56	44	30
6	16	23	29	47	59	65	76	72	69	57	45	28
7	16	23	31	47	58	68	76	74	65	58	43	26
8	15	20	34	47	60	68	75	76	64	57	42	27
9	15	21	33	48	64	68	73	74	66	56	41	30
10	17	22	34	46	60	68	74	73	65	58	41	31
11	15	22	35	48	58	71	75	74	64	58	40	29
12	18	20	38	50	60	73	78	72	65	55	39	29
13	14	24	31	51	60	73	76	72	63	54	38	30
14	15	23	29	50	60	73	75	72	65	52	37	29
15	19	24	30	48	60	72	74	73	65	53	37	28
16	17	26	31	51	62	73	74	73	62	53	36	27
17	14	26	37	54	60	72	73	74	64	52	33	26
18	15	24	37	55	61	71	74	74	66	51	32	27
19	13	19	33	51	60	71	74	72	63	50	31	25
20	18	22	35	52	60	72	74	72	65	49	34	27
21	16	24	34	54	60	71	74	71	66	49	35	29
22	13	25	36	54	61	71	74	70	65	47	34	27
23	15	26	40	52	63	72	74	69	62	47	28	28
24	20	30	39	53	64	71	74	69	63	47	27	26
25	23	26	39	55	62	72	75	71	60	47	32	21
26	22	25	40	57	64	72	76	72	61	47	31	25
27	19	28	38	57	62	72	76	72	59	45	30	19
28	20	28	38	55	64	73	75	71	58	46	27	25
29	25	.....	40	54	65	73	74	70	57	44	28	20
30	23	.....	41	56	63	73	74	68	58	46	30	21
31	22	.....	44	.....	62	.....	74	68	.....	47	.....	21
Means	17.5	23.1	34.7	50.5	60.4	70.1	74.5	72.0	64.1	52.2	36.4	26.8

DAILY MEAN TEMPERATURE—Continued.

DETROIT, MICH.

[Twenty-five years, 1871 to 1895; annual mean, 48.1.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	29	23	29	39	50	63	71	72	66	57	44	31
2	26	22	30	39	51	65	71	71	67	59	45	32
3	25	25	29	40	53	65	71	70	67	59	42	33
4	23	22	27	42	53	64	71	70	69	54	43	32
5	25	20	29	40	53	65	71	70	67	54	43	32
6	25	24	33	41	54	64	72	70	67	53	43	32
7	24	26	32	44	55	64	72	71	67	54	46	30
8	25	27	32	44	57	64	73	72	64	54	45	30
9	23	25	34	45	58	66	72	72	66	56	44	31
10	21	28	34	44	57	66	72	71	65	54	42	32
11	24	28	35	42	57	67	71	71	65	53	42	31
12	25	26	32	45	56	67	73	71	64	53	41	32
13	26	25	33	47	55	68	74	70	62	53	40	34
14	22	25	30	46	54	68	72	69	62	51	38	30
15	24	27	30	44	54	70	74	68	64	52	38	30
16	24	28	32	43	55	70	72	68	62	52	38	28
17	24	28	31	46	58	69	73	70	62	53	38	28
18	25	29	33	47	59	69	70	71	64	50	36	27
19	24	28	32	49	59	69	70	70	62	49	34	28
20	25	26	31	48	61	69	69	70	59	49	35	28
21	25	26	33	49	59	70	70	70	60	50	35	29
22	24	27	32	48	58	69	71	69	61	50	35	30
23	22	25	33	49	61	70	71	69	62	46	36	29
24	23	29	34	48	62	71	72	68	62	47	32	28
25	23	29	34	49	62	71	72	68	61	47	33	28
26	25	27	36	51	61	71	72	69	59	48	34	26
27	26	28	36	53	61	71	72	69	59	45	34	25
28	24	30	34	52	61	70	72	68	58	46	31	26
29	25	.....	34	49	62	70	72	69	57	46	29	28
30	27	.....	36	49	62	71	72	68	57	44	28	27
31	25	.....	39	.....	64	.....	71	67	.....	44	.....	28
Means	24.5	26.2	32.5	45.7	57.5	67.9	71.6	69.7	62.9	51.0	38.1	29.5

DODGE CITY, KANS.

[Twenty-one years, 1875 to 1895; annual mean, 53.1.]

1	24	26	38	46	57	66	76	78	73	63	48	40
2	23	29	40	48	56	66	77	76	72	63	45	37
3	25	28	38	49	57	66	79	75	73	60	48	36
4	27	29	37	50	60	69	77	75	72	60	49	38
5	26	33	35	52	61	68	76	77	71	59	46	36
6	25	30	34	53	62	68	78	76	72	60	47	34
7	23	30	36	54	59	69	78	77	70	60	45	34
8	23	30	40	51	62	70	77	77	69	59	44	34
9	24	29	39	50	64	70	76	76	68	60	43	35
10	27	31	40	52	63	72	77	76	68	60	45	37
11	26	30	40	52	61	72	78	75	69	58	41	36
12	26	29	42	52	60	73	80	76	68	57	41	35
13	23	32	42	52	61	74	80	77	69	56	40	35
14	26	28	40	52	62	75	80	77	70	57	40	35
15	23	32	37	53	64	74	80	76	67	56	42	36
16	22	33	40	57	64	74	78	76	67	55	37	36
17	23	32	44	58	63	73	78	76	68	55	34	32
18	22	32	42	56	62	73	78	77	69	53	36	32
19	23	30	40	55	63	74	78	76	67	53	37	32
20	26	32	44	56	63	76	78	76	67	52	39	32
21	27	34	42	55	64	75	76	74	68	51	38	32
22	26	35	45	56	65	75	77	73	66	52	36	32
23	26	36	45	55	65	78	76	73	65	52	34	32
24	30	38	46	54	66	76	76	74	65	53	35	28
25	32	35	45	55	65	75	77	73	62	50	37	26
26	33	35	47	57	66	76	77	73	63	48	37	26
27	31	35	44	58	66	75	77	74	63	51	36	27
28	32	38	44	58	68	75	77	74	63	50	34	30
29	34	.....	49	57	68	76	79	72	63	48	34	24
30	34	.....	48	59	66	75	76	73	62	49	38	26
31	32	.....	47	.....	66	.....	78	73	.....	49	.....	25
Means	26.6	31.8	41.6	53.7	62.9	72.6	77.6	75.2	67.6	55.1	40.2	32.6

DAILY MEAN TEMPERATURE—Continued.

EASTPORT, ME.

[Twenty-two years, 1874 to 1895; annual mean, 41.5.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	24	20	24	34	42	53	59	62	59	52	43	24
2	27	16	26	34	43	53	59	62	59	50	42	27
3	21	21	27	35	43	53	59	62	58	50	43	28
4	20	18	25	35	44	51	59	62	58	52	40	28
5	20	16	25	35	45	53	59	62	59	50	39	31
6	22	19	26	35	44	54	58	62	59	49	40	31
7	25	20	27	35	45	53	61	61	58	50	41	30
8	21	23	28	35	46	54	61	62	58	50	41	28
9	22	23	28	36	47	53	61	61	57	49	41	29
10	20	21	30	37	47	53	60	62	57	49	40	28
11	18	23	28	36	47	53	60	62	56	47	39	29
12	19	24	29	36	47	55	60	61	56	47	38	24
13	20	24	30	37	47	55	60	60	57	47	38	25
14	21	22	29	39	46	56	60	60	56	47	38	25
15	19	24	28	38	46	56	62	60	56	46	37	24
16	16	24	28	40	47	54	62	60	55	47	37	25
17	17	23	27	40	47	56	61	61	56	48	37	25
18	21	22	26	39	47	54	59	60	56	46	37	24
19	20	23	28	41	48	55	59	60	56	46	35	24
20	19	24	29	41	48	57	60	60	54	46	34	22
21	20	23	30	42	50	57	61	60	54	46	33	23
22	21	24	31	42	50	56	61	60	53	45	32	25
23	21	24	30	42	49	58	62	60	54	45	34	25
24	19	19	30	42	50	56	62	60	54	44	34	24
25	19	22	30	41	51	57	62	59	53	43	32	24
26	20	27	31	42	50	58	61	59	54	42	32	22
27	18	24	33	43	51	58	60	58	53	44	32	26
28	19	23	34	43	51	57	61	60	53	45	34	24
29	21	.....	32	42	51	58	61	60	52	42	31	24
30	20	.....	30	42	50	58	61	60	53	43	26	22
31	23	.....	30	.....	52	.....	62	60	.....	43	.....	22
Means	20.4	22.0	28.7	38.6	47.5	55.1	60.4	60.6	55.8	46.8	36.7	25.5

FORT SMITH, ARK.

[Thirteen years, 1883 to 1895; annual mean, 59.8.]

1	31	40	46	59	66	71	78	80	72	69	58	46
2	35	40	47	58	65	72	79	80	74	67	57	45
3	36	38	48	58	66	71	79	78	75	66	56	44
4	40	38	42	58	66	73	80	77	75	66	58	45
5	40	39	45	60	68	73	79	77	78	68	56	47
6	37	39	44	59	68	73	78	78	74	66	54	46
7	33	40	45	62	66	73	79	79	76	65	55	43
8	29	41	45	62	67	73	77	79	75	62	55	44
9	31	38	46	60	68	74	77	80	75	62	53	43
10	34	39	49	62	69	73	78	79	75	64	51	45
11	36	37	49	61	67	75	80	78	74	65	52	46
12	34	37	49	63	68	76	80	79	75	62	46	43
13	32	39	53	65	67	77	80	80	74	62	47	42
14	34	43	50	61	67	78	82	80	75	60	48	45
15	33	41	48	62	69	78	80	78	74	60	50	42
16	34	42	49	64	68	78	81	79	73	60	50	42
17	33	45	51	65	68	78	80	79	72	64	45	43
18	36	42	53	65	66	77	81	80	73	64	44	42
19	33	43	52	63	67	77	81	80	73	60	45	42
20	34	42	50	62	67	79	81	80	73	59	48	41
21	35	45	52	62	67	78	80	79	73	58	52	45
22	37	46	51	62	68	77	81	77	73	60	50	44
23	37	47	53	62	70	78	80	76	70	59	45	49
24	36	46	55	61	70	78	80	75	68	58	43	46
25	38	43	54	63	71	79	81	74	67	57	45	42
26	40	44	51	64	71	79	81	74	68	56	44	35
27	39	44	53	66	70	78	81	75	68	55	43	36
28	40	45	50	66	72	79	81	76	66	55	41	40
29	42	.....	54	65	71	79	81	75	65	55	43	39
30	45	.....	57	65	71	79	83	74	67	54	45	39
31	46	.....	58	.....	70	.....	80	73	.....	57	.....	37
Means	36.1	41.5	50.0	62.2	68.2	76.1	80.0	77.7	72.3	61.1	49.3	42.8

DAILY MEAN TEMPERATURE—Continued.

GALVESTON, TEX.

[Twenty-four years, 1872 to 1895; annual mean, 69.8.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	51	57	60	66	72	79	84	84	82	76	66	59
2	52	56	59	66	72	79	84	84	82	76	66	61
3	53	56	60	67	73	80	84	84	83	77	66	61
4	54	53	61	67	72	80	83	84	81	76	68	59
5	53	55	62	68	74	80	84	83	82	77	67	58
6	52	56	62	68	74	79	84	83	82	76	66	60
7	54	55	61	69	74	79	84	83	82	74	66	60
8	51	56	60	67	75	80	85	83	82	75	67	59
9	49	56	61	67	74	80	84	83	82	74	64	58
10	50	57	62	68	74	81	84	83	81	75	64	57
11	52	57	62	69	74	81	84	83	81	75	65	59
12	54	56	62	70	75	81	84	83	80	74	64	58
13	52	56	62	69	75	81	84	83	80	74	62	58
14	54	56	63	69	76	82	84	83	80	74	61	57
15	53	55	63	69	76	82	84	83	79	73	63	57
16	50	57	62	70	77	82	84	83	79	73	64	58
17	51	58	61	70	76	82	83	83	79	73	60	58
18	52	58	62	71	76	82	84	83	79	72	58	57
19	52	59	63	71	76	82	84	83	79	70	58	58
20	52	58	63	70	76	83	84	83	79	70	60	56
21	52	57	63	71	77	83	84	83	78	70	62	58
22	53	58	62	70	76	82	83	83	77	70	62	58
23	53	59	63	70	77	83	83	83	78	69	62	58
24	50	59	63	70	78	83	84	83	78	70	60	56
25	53	60	64	71	78	84	84	83	78	70	60	53
26	54	58	63	72	78	83	84	84	78	70	61	51
27	56	59	65	73	78	84	84	83	77	68	60	52
28	55	60	65	74	79	83	84	83	76	68	58	54
29	54	.....	65	73	79	84	84	83	76	69	56	55
30	55	.....	67	73	79	84	85	83	76	68	56	55
31	57	.....	68	.....	79	.....	84	83	.....	66	.....	53
Means	52.7	57.0	62.5	69.6	75.8	81.6	83.9	83.2	79.5	72.3	62.4	57.1

HAVRE, MONT.[a]

[Fifteen years, 1881 to 1895; annual mean, 41.1.]

1	9	6	25	40	49	56	67	68	60	51	38	23
2	7	7	22	41	47	56	66	68	60	48	38	20
3	15	10	16	40	49	58	69	69	58	50	40	25
4	13	16	17	42	48	58	69	70	58	50	38	23
5	8	18	18	43	50	59	68	70	56	50	41	22
6	6	13	19	42	48	60	66	69	55	48	39	21
7	7	10	24	41	51	59	64	64	57	49	35	26
8	11	10	29	41	51	58	65	64	57	49	36	29
9	16	10	28	43	50	60	68	66	58	47	36	28
10	15	10	27	44	49	60	68	65	54	43	34	25
11	14	12	28	40	49	60	66	66	54	44	33	24
12	11	14	28	41	53	60	65	67	56	43	37	25
13	10	7	26	44	54	57	66	67	55	44	31	24
14	7	3	24	43	52	59	66	67	55	43	32	26
15	1	6	27	44	52	60	66	66	57	43	29	28
16	3	8	30	43	54	62	66	66	56	40	27	29
17	7	8	30	43	56	64	67	64	57	40	27	29
18	4	10	28	41	56	64	69	64	56	41	29	25
19	6	12	30	44	52	63	70	66	54	41	31	22
20	5	14	32	46	52	61	68	67	53	42	30	21
21	4	15	34	48	55	62	69	66	53	42	22	21
22	10	18	38	51	56	63	68	66	53	40	17	19
23	12	19	38	51	55	63	69	66	54	41	16	17
24	13	20	32	48	58	62	70	66	52	40	19	11
25	11	22	33	46	59	63	68	63	52	42	21	10
26	11	23	34	45	61	64	68	63	52	44	23	13
27	14	24	35	44	61	65	67	62	52	44	22	17
28	15	26	35	48	56	66	66	63	51	43	23	12
29	16	.....	36	48	55	68	68	62	51	42	26	8
30	13	.....	38	46	57	70	70	62	51	41	28	8
31	7	.....	38	.....	58	.....	70	63	.....	38	.....	7
Means	9.7	13.2	29.0	44.0	53.3	61.3	67.5	65.6	54.9	44.0	29.9	20.6

[a] Combined with the record of Fort Assiniboine.

DAILY MEAN TEMPERATURE—Continued.

HELENA, MONT.

[Fifteen years, 1881 to 1895; annual mean, 43.1.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	16	16	25	42	46	57	66	68	60	51	39	30
2	16	18	24	40	47	56	66	68	60	49	39	28
3	19	19	20	40	47	58	68	68	59	50	40	27
4	21	20	21	41	48	58	68	69	58	50	39	28
5	20	21	23	44	49	58	67	70	57	51	38	27
6	19	19	25	43	49	58	67	68	58	49	36	28
7	15	21	29	41	49	56	65	65	58	49	36	32
8	14	21	33	41	49	55	64	65	59	49	38	35
9	20	18	32	44	48	56	67	67	58	45	36	32
10	23	17	31	45	48	56	67	67	55	42	33	32
11	22	20	33	42	49	56	65	68	53	43	33	28
12	16	24	34	42	52	58	65	69	55	45	34	29
13	15	21	31	44	52	56	66	68	55	44	33	30
14	12	18	29	42	51	57	67	68	57	44	34	30
15	7	15	33	42	49	58	67	68	57	43	30	30
16	5	16	35	40	51	60	67	68	58	43	25	28
17	6	17	36	40	53	62	68	67	57	43	26	30
18	14	21	35	41	54	62	69	67	56	44	30	28
19	14	23	34	43	52	60	70	66	55	44	32	25
20	14	25	35	45	52	58	69	66	55	45	31	24
21	14	25	35	47	52	59	68	66	55	46	24	22
22	18	26	40	48	52	60	68	66	54	43	24	24
23	21	26	41	47	53	61	68	66	54	44	24	21
24	24	27	36	46	55	61	70	68	53	43	22	21
25	22	29	37	45	57	62	68	65	52	44	24	19
26	22	28	37	46	60	63	67	63	54	44	28	18
27	21	28	38	44	58	63	66	63	55	44	28	20
28	21	29	37	46	56	64	66	64	53	45	30	16
29	22	.....	37	48	55	67	67	63	52	44	30	14
30	21	.....	37	47	56	68	69	63	53	41	30	14
31	16	.....	38	.....	58	.....	69	64	.....	39	.....	13
Means	17.1	21.7	32.6	43.5	51.8	59.4	67.2	66.5	55.8	45.2	31.5	25.3

JACKSONVILLE, FLA.

[Twenty-four years, 1872 to 1895; annual mean, 69.0.]

1	57	57	60	67	73	78	81	81	79	73	63	54
2	53	58	58	66	73	78	81	82	78	74	65	56
3	53	59	58	65	72	79	81	82	78	74	64	56
4	53	56	58	65	72	79	81	81	79	74	64	57
5	55	54	59	66	72	79	81	82	80	74	65	54
6	54	57	61	66	74	79	82	82	80	74	65	56
7	54	59	62	68	74	80	81	82	80	73	65	57
8	56	58	62	69	74	80	82	82	79	72	66	56
9	54	58	61	68	74	79	83	81	79	71	63	58
10	53	58	60	66	74	80	82	81	79	71	64	56
11	53	60	61	66	74	79	82	81	79	72	62	56
12	54	59	62	67	74	79	82	82	78	70	62	57
13	54	59	63	68	75	80	83	82	79	70	63	58
14	55	59	62	68	75	80	83	80	78	70	63	58
15	55	58	63	70	74	81	83	81	78	69	61	57
16	57	58	61	70	74	80	83	81	78	69	62	55
17	54	60	62	68	74	80	83	81	78	70	63	56
18	57	61	60	68	74	81	82	81	78	70	62	54
19	56	59	63	69	75	81	82	82	78	70	60	55
20	55	59	65	71	76	80	82	81	78	69	58	56
21	57	60	65	71	76	80	82	81	76	68	58	56
22	56	58	61	72	75	81	82	81	76	69	59	57
23	56	59	60	71	75	80	82	82	77	68	61	58
24	55	59	63	71	76	81	83	81	76	66	58	59
25	54	60	65	69	77	82	82	81	76	67	58	59
26	56	58	64	70	78	81	83	80	75	68	59	58
27	56	58	65	72	78	82	83	80	75	67	60	53
28	58	58	66	73	78	82	82	80	75	65	60	51
29	57	.....	64	73	77	82	82	80	75	65	56	54
30	57	.....	63	73	77	81	82	80	75	66	53	54
31	57	.....	67	.....	78	.....	82	80	.....	63	.....	55
Means	55.2	58.4	62.0	68.9	74.9	80.1	82.1	81.1	77.6	69.7	61.4	56.0

DAILY MEAN TEMPERATURE—Continued.

KANSAS CITY, MO.

[Twenty-five years, 1871 to 1895; annual mean, 53.2.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	25	24	37	46	59	69	75	77	73	64	50	37
2	24	27	37	48	59	69	76	76	72	64	47	36
3	26	26	36	49	59	69	77	76	73	62	48	34
4	26	27	35	52	60	69	76	76	72	61	50	37
5	24	29	37	53	61	71	76	76	73	60	48	36
6	23	30	36	53	63	72	78	76	73	58	50	34
7	24	31	37	54	62	72	79	77	71	60	49	33
8	22	30	38	51	63	70	79	78	70	61	46	33
9	21	30	40	51	65	71	77	78	70	59	45	33
10	25	32	40	51	63	70	76	76	67	60	46	36
11	26	30	38	54	62	72	78	77	67	58	45	36
12	25	29	38	53	63	74	80	76	68	58	42	36
13	22	30	40	55	64	74	80	78	67	57	41	34
14	24	31	39	53	64	75	80	77	69	56	40	33
15	25	31	37	53	63	75	79	76	68	56	42	34
16	22	32	38	54	64	74	79	76	65	56	41	33
17	25	34	42	56	64	74	78	76	68	56	37	31
18	25	32	42	56	65	75	77	77	69	54	35	31
19	25	30	40	56	64	76	76	76	66	55	35	31
20	26	31	39	56	64	76	77	76	66	54	38	30
21	26	32	40	57	64	75	77	76	67	53	39	32
22	26	33	44	57	66	75	77	75	67	52	37	32
23	23	34	45	56	66	76	77	75	66	52	33	32
24	25	35	43	57	68	76	77	75	65	52	33	29
25	29	34	44	59	67	76	78	74	64	52	37	26
26	30	35	44	59	68	76	77	75	64	50	36	24
27	29	34	44	59	68	76	77	72	63	50	34	24
28	27	35	44	59	68	75	77	75	61	52	33	29
29	30	.....	47	58	69	76	77	73	61	49	30	27
30	30	.....	47	58	69	75	77	72	61	48	34	28
31	28	.....	49	.....	67	.....	78	73	.....	48	.....	27
Means	25.4	31.0	40.5	54.4	64.2	73.4	77.5	75.7	67.5	55.7	40.7	31.9

KEY WEST, FLA.

*[Twenty-four years, 1872 to 1895; annual mean, 77.1.]

1	70	71	71	76	79	81	83	85	83	82	76	69
2	68	72	70	76	78	81	83	84	83	81	76	69
3	67	71	69	75	78	81	84	84	82	80	76	70
4	69	70	70	75	78	81	83	84	83	80	76	70
5	69	70	71	74	78	81	83	84	83	80	76	71
6	69	71	72	74	79	82	84	83	84	80	76	70
7	69	72	72	75	78	82	84	84	83	80	77	70
8	70	71	72	76	79	82	84	84	84	80	76	71
9	70	71	72	76	78	82	84	84	83	80	76	71
10	69	70	72	75	78	82	84	83	83	80	76	70
11	69	71	72	75	78	82	84	84	84	80	74	70
12	69	71	73	76	78	82	84	84	83	79	74	71
13	69	71	73	76	79	83	84	84	83	79	74	72
14	69	72	73	76	80	82	83	84	83	79	74	71
15	70	72	73	75	79	82	84	84	83	78	75	70
16	70	71	73	76	79	83	84	84	82	78	74	70
17	70	72	73	76	79	83	84	84	82	78	75	69
18	70	73	73	76	80	83	84	84	82	78	75	69
19	70	72	73	76	80	83	84	84	82	78	74	69
20	70	72	74	77	79	82	84	84	82	77	73	70
21	70	72	74	77	80	83	84	84	82	77	73	70
22	70	72	72	77	80	83	84	84	82	78	73	70
23	71	71	72	77	80	84	84	84	82	78	73	70
24	71	71	74	77	80	84	84	84	82	77	73	72
25	70	72	75	77	80	84	85	83	82	76	72	72
26	70	72	75	77	80	83	84	83	82	77	72	71
27	70	71	74	78	81	84	84	84	82	77	73	69
28	71	71	74	78	81	83	84	84	81	77	73	68
29	70	.....	74	77	81	83	84	84	81	76	72	68
30	70	.....	74	78	81	84	84	84	81	77	69	69
31	71	.....	74	.....	82	.....	84	83	.....	76	.....	69
Means	69.7	71.4	72.7	76.1	79.4	82.5	83.9	83.9	82.5	78.5	74.2	70.0

*23 years record only for last 7 months.

DAILY MEAN TEMPERATURE—Continued.

KNOXVILLE, TENN.

[Twenty-five years, 1871 to 1895; annual mean, 57.2.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	39	41	45	53	62	70	75	76	72	63	49	40
2	34	40	44	53	62	71	76	76	72	65	52	40
3	34	42	43	54	63	72	76	75	73	64	49	42
4	36	38	42	54	63	72	76	75	73	64	50	41
5	36	39	44	56	64	70	76	74	73	63	51	41
6	38	39	47	57	64	71	76	76	73	62	50	41
7	38	41	47	58	65	71	77	76	73	59	51	40
8	38	42	48	58	65	72	76	76	72	60	53	42
9	34	43	46	56	66	73	77	76	72	59	53	40
10	33	42	47	55	66	72	77	76	72	60	50	40
11	35	44	48	55	66	73	77	76	71	60	51	41
12	35	43	48	56	67	74	76	76	71	58	49	41
13	37	42	48	58	65	74	77	75	70	59	48	41
14	36	41	47	58	65	74	77	75	70	57	47	41
15	37	41	47	58	65	74	77	75	70	56	46	38
16	38	44	47	58	64	74	77	75	70	57	47	40
17	37	46	45	57	66	74	77	74	68	58	47	39
18	37	44	47	60	67	74	76	74	68	57	45	38
19	39	44	51	61	66	75	76	75	68	56	43	39
20	40	42	49	61	67	75	76	76	68	56	42	38
21	39	43	46	61	66	75	76	76	68	55	43	40
22	39	44	46	61	66	75	76	75	68	56	46	41
23	39	42	48	60	67	74	76	74	67	55	45	42
24	37	43	50	59	68	75	76	75	68	54	42	43
25	38	46	51	60	69	76	77	74	67	56	43	41
26	40	43	50	61	69	77	77	74	66	55	44	39
27	42	42	50	62	70	76	77	74	64	54	44	35
28	41	44	49	62	69	75	77	73	64	54	42	37
29	40	.....	49	62	70	75	76	73	64	54	38	38
30	40	.....	52	63	70	75	76	72	63	51	38	37
31	42	.....	54	.....	70	.....	77	72	.....	49	.....	40
Means	37.7	42.3	47.6	58.2	66.2	73.6	76.4	74.8	69.3	57.6	46.6	39.9

MARQUETTE, MICH.

[Twenty-four years, 1872 to 1895; annual mean, 40.5.]

1	22	12	21	30	43	54	63	65	63	50	38	25
2	18	13	20	29	42	53	64	63	61	52	37	26
3	16	12	20	31	42	52	63	64	63	49	36	26
4	16	12	18	32	45	55	63	64	62	47	36	26
5	18	15	21	33	46	54	64	65	62	47	38	26
6	18	18	23	34	45	53	65	64	61	48	39	25
7	17	19	21	35	48	55	65	66	58	50	40	23
8	16	17	22	37	49	58	66	68	59	49	38	23
9	13	16	26	38	49	57	64	66	60	50	37	25
10	15	20	24	35	46	57	63	65	61	49	38	26
11	14	18	24	34	48	60	65	64	61	47	36	25
12	15	18	21	36	47	61	66	63	58	47	35	25
13	14	17	20	36	46	59	65	63	56	47	34	24
14	12	17	19	37	45	60	67	62	58	47	32	24
15	13	18	22	36	46	61	68	62	57	47	32	24
16	15	19	21	37	49	59	67	64	55	47	31	22
17	18	19	22	39	49	59	64	64	55	46	30	20
18	17	20	24	39	49	60	62	63	56	44	29	21
19	16	18	22	39	51	63	64	63	53	45	28	21
20	17	16	22	40	50	62	63	64	53	43	27	22
21	17	19	24	40	49	61	65	62	55	44	28	22
22	13	16	25	42	50	63	66	62	55	43	28	24
23	13	16	25	39	54	63	66	64	55	41	27	23
24	16	19	24	40	55	62	67	62	57	42	26	23
25	15	18	25	40	54	62	67	63	54	42	26	21
26	17	17	26	44	53	60	64	63	52	40	26	20
27	18	19	26	43	52	62	66	64	52	39	24	18
28	17	20	25	40	52	62	66	64	50	39	22	20
29	17	.....	26	40	56	62	66	63	52	40	22	19
30	18	.....	30	42	54	61	65	63	51	39	22	19
31	15	.....	31	.....	55	.....	64	61	.....	37	.....	20
Means	16.0	17.1	23.2	37.2	49.0	59.0	64.9	63.6	56.8	45.1	31.4	22.8

DAILY MEAN TEMPERATURE—Continued.

MEMPHIS, TENN.

[Twenty-four years, 1872 to 1895; annual mean, 61.1.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	39	42	49	56	67	75	80	81	75	68	55	46
2	38	43	50	57	65	75	81	79	75	69	55	46
3	39	43	47	58	66	75	81	78	76	68	54	46
4	40	41	45	60	66	76	80	77	76	67	55	45
5	40	42	49	62	67	75	80	77	76	66	56	46
6	41	44	50	61	68	76	80	79	76	64	54	46
7	40	42	50	62	68	76	81	80	76	63	57	45
8	37	43	50	61	69	76	81	80	75	64	56	47
9	34	43	49	60	70	76	80	80	75	64	56	43
10	36	44	53	60	70	77	80	80	74	65	53	44
11	40	45	52	59	69	78	81	80	74	64	54	46
12	39	44	50	60	70	78	81	80	74	62	51	45
13	38	43	53	62	70	78	82	80	72	63	50	46
14	38	43	52	62	70	79	81	80	72	62	50	44
15	40	45	49	62	70	79	82	79	72	61	50	43
16	39	46	49	61	70	78	83	79	72	62	51	44
17	37	47	50	63	71	79	82	79	71	63	47	43
18	39	46	54	64	71	79	81	79	72	62	46	43
19	40	48	52	65	71	79	81	81	71	59	45	43
20	42	45	51	64	72	81	81	80	70	59	45	42
21	41	45	50	64	69	81	79	79	70	60	48	43
22	41	46	51	65	70	79	80	78	71	60	50	44
23	39	47	54	62	72	79	80	77	71	57	48	47
24	38	49	56	60	72	80	80	77	71	57	45	44
25	41	47	53	63	74	80	80	78	71	59	46	42
26	44	47	54	65	74	80	81	78	69	59	48	38
27	44	47	54	66	74	80	80	78	66	57	46	38
28	43	47	53	66	73	80	80	78	66	57	42	39
29	42	------	54	67	73	79	81	77	66	58	42	41
30	44	------	58	66	74	79	81	76	67	56	42	41
31	45	------	58	------	70	------	81	76	------	54	------	41
Means	39.9	44.8	51.6	62.1	70.2	78.1	80.7	78.7	72.1	61.6	49.9	43.6

MONTGOMERY, ALA.

[Twenty-three years, 1873 to 1895; annual mean, 65.2.]

1	47	52	54	63	70	77	81	82	78	71	57	50
2	44	51	53	61	68	77	80	80	78	70	60	51
3	45	53	54	61	69	78	81	80	78	71	58	52
4	47	50	53	61	70	78	81	80	78	71	59	51
5	48	50	54	62	70	78	82	79	79	71	60	51
6	48	50	57	65	71	77	81	79	79	70	59	51
7	48	52	57	64	72	77	82	80	79	69	59	51
8	48	53	56	63	72	78	81	81	79	68	60	51
9	45	54	54	63	72	78	82	80	78	67	60	50
10	44	53	55	63	73	78	81	80	77	68	58	50
11	46	51	58	63	73	78	82	81	77	68	57	51
12	47	54	58	63	72	79	81	81	76	66	56	50
13	48	52	57	65	73	79	82	81	76	66	56	50
14	46	51	57	66	73	80	83	80	76	65	55	51
15	49	52	58	66	72	81	83	80	76	64	55	49
16	49	54	56	67	72	80	83	79	76	64	56	50
17	48	55	56	66	73	80	83	80	76	65	56	49
18	48	56	57	65	74	80	83	80	75	66	53	49
19	49	54	59	66	72	80	81	80	74	64	52	49
20	51	54	59	67	73	81	82	81	74	63	50	47
21	50	53	57	68	72	81	81	80	75	63	54	49
22	49	53	56	69	72	80	82	80	75	63	56	52
23	49	54	56	68	74	80	81	79	74	63	55	52
24	48	54	57	66	75	81	81	79	74	62	51	53
25	47	54	59	67	76	81	81	80	74	62	52	50
26	50	52	59	67	76	81	80	80	73	62	52	47
27	52	52	61	69	76	81	80	79	71	61	52	44
28	52	52	61	70	76	81	81	79	71	60	52	45
29	51	------	58	69	76	81	81	79	71	61	47	47
30	51	------	60	69	75	81	81	78	71	59	48	47
31	53	------	62	------	76	------	81	78	------	57	------	49
Means	48.3	52.7	57.0	65.4	72.8	79.4	81.5	79.8	75.6	65.2	55.2	49.6

DAILY MEAN TEMPERATURE—Continued.

NEW ORLEANS, LA.

[Twenty-five years, 1871 to 1895; annual mean 68.8.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	54	58	60	66	73	78	82	82	80	73	63	56
2	52	57	59	65	71	78	82	83	80	74	63	57
3	51	57	59	65	72	79	82	82	80	75	63	58
4	53	55	59	66	71	79	81	82	80	75	64	57
5	54	56	60	66	72	79	82	82	81	74	64	57
6	53	58	62	68	73	78	82	81	80	74	64	58
7	54	57	62	68	73	79	82	81	81	73	64	58
8	53	58	61	68	73	79	82	82	80	72	65	57
9	51	58	60	67	73	79	82	81	80	71	63	55
10	51	58	60	67	73	80	82	82	81	72	62	55
11	53	59	62	68	74	80	82	81	80	72	62	57
12	55	57	62	68	74	80	82	82	79	72	62	57
13	54	60	62	69	74	80	82	82	79	71	61	57
14	53	57	63	69	75	81	83	81	78	71	61	56
15	55	58	64	69	75	81	83	82	78	69	60	55
16	53	58	62	69	75	81	83	81	79	70	62	56
17	52	60	60	69	75	81	83	81	79	71	61	55
18	55	59	61	70	74	80	83	82	78	71	58	56
19	54	59	63	71	74	81	83	81	77	68	57	56
20	55	59	62	71	74	81	82	82	77	67	57	53
21	55	58	61	71	75	81	82	81	77	69	60	54
22	54	59	62	71	76	81	81	81	77	68	62	56
23	55	59	61	70	77	81	82	81	77	67	61	57
24	52	60	63	69	76	81	82	81	77	67	58	56
25	53	60	64	70	76	81	82	82	77	67	59	55
26	54	58	64	71	77	81	81	82	77	67	59	52
27	55	58	64	71	77	82	82	81	76	66	59	51
28	56	58	65	73	78	82	82	81	75	65	58	51
29	54	.....	63	73	78	82	83	82	74	66	54	54
30	56	.....	65	73	78	82	83	81	74	64	54	54
31	58	.....	66	.....	78	.....	83	81	.....	64	.....	56
Means	53.8	58.1	62.0	69.0	74.6	80.3	82.2	81.5	78.3	69.8	60.7	55.5

NEW YORK CITY, N. Y.

[Twenty-five years, 1871 to 1895; annual mean 51.7.]

1	33	29	34	43	53	66	72	72	70	61	49	33
2	33	26	34	43	54	66	73	72	69	60	49	36
3	29	31	35	44	53	65	74	73	69	61	48	37
4	30	29	34	45	55	67	73	73	70	61	46	37
5	31	27	33	44	56	67	72	73	70	59	46	37
6	32	28	35	44	56	66	73	74	70	58	47	38
7	32	31	37	44	56	65	74	73	69	57	47	37
8	32	32	36	46	57	67	74	74	68	58	49	37
9	31	31	37	46	60	68	73	74	68	58	49	36
10	28	32	39	48	61	68	73	74	68	58	47	36
11	29	34	36	46	59	69	74	74	66	56	46	37
12	31	33	37	44	58	68	73	74	67	55	46	37
13	32	32	38	47	57	67	74	72	66	56	45	37
14	32	31	37	49	57	68	74	73	66	55	45	36
15	30	32	35	48	59	68	75	73	66	55	43	34
16	30	32	36	48	59	70	74	72	66	56	44	34
17	30	33	35	47	59	70	74	73	66	56	44	34
18	33	34	36	48	59	69	74	72	66	56	42	33
19	30	33	37	50	60	71	73	73	66	54	41	32
20	29	32	36	50	61	71	73	73	65	54	39	32
21	30	32	37	52	62	72	73	73	63	53	39	33
22	31	32	38	51	62	70	73	72	63	53	41	33
23	29	31	37	51	64	70	74	71	64	53	42	35
24	29	30	38	52	62	71	74	72	63	51	40	33
25	29	35	39	51	63	72	74	70	64	50	40	33
26	28	34	39	52	63	72	75	70	64	50	39	32
27	31	33	40	53	63	71	74	70	62	52	40	33
28	31	33	40	53	63	72	74	70	62	50	39	31
29	30	.....	39	52	64	72	73	71	62	51	36	32
30	30	.....	40	53	64	72	73	70	60	50	33	30
31	32	.....	41	.....	65	.....	72	70	.....	49	.....	31
Means	30.5	31.5	36.9	48.1	59.5	69.0	73.5	72.3	65.9	55.0	43.4	34.4

DAILY MEAN TEMPERATURE—Continued.

PHILADELPHIA, PA.

[Twenty-five years, 1871 to 1895; annual mean, 53.4.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	35	31	36	45	56	69	74	75	71	61	49	34
2	34	29	36	47	54	68	74	74	70	61	50	37
3	31	32	37	47	56	69	76	74	70	62	48	38
4	32	30	36	47	58	69	76	75	71	62	46	38
5	30	29	34	46	59	69	75	75	72	59	47	37
6	33	29	37	47	59	69	75	75	71	59	47	38
7	34	32	39	47	59	68	76	74	70	58	47	38
8	33	33	38	48	59	70	76	76	70	58	50	38
9	31	33	39	47	63	70	76	76	69	58	50	37
10	30	33	41	50	64	71	76	76	68	59	48	36
11	32	36	39	48	62	71	76	75	66	57	47	38
12	32	34	40	47	61	70	75	75	68	56	47	37
13	33	34	40	49	60	70	76	74	68	56	46	38
14	32	33	39	52	59	71	77	74	67	56	46	37
15	29	33	38	51	61	72	77	74	66	56	44	35
16	32	36	38	49	61	72	77	74	68	56	45	36
17	31	36	37	49	61	73	77	74	68	57	44	35
18	32	37	38	49	62	72	77	73	67	57	44	34
19	32	36	40	52	64	74	75	74	68	55	42	34
20	32	35	38	53	64	74	75	74	66	54	39	32
21	34	35	39	54	64	74	75	75	64	54	39	34
22	32	35	39	54	65	74	75	74	64	54	41	36
23	31	33	40	54	64	73	76	73	66	55	40	36
24	30	32	40	54	64	74	75	73	64	52	41	35
25	31	37	41	53	66	73	76	72	65	51	40	34
26	30	35	42	55	66	75	77	72	64	52	40	34
27	33	35	43	55	65	74	76	71	64	53	40	34
28	34	34	43	56	66	75	76	71	64	51	40	32
29	31	.....	41	54	66	75	75	72	63	52	36	33
30	32	.....	42	56	67	74	75	72	61	50	34	32
31	34	.....	43	.....	68	.....	74	72	.....	49	.....	32
Means	32.0	33.5	39.1	50.5	62.0	71.7	75.7	73.8	67.1	55.8	43.9	35.5

PITTSBURG, PA.

[Twenty-four years, 1872 to 1895; annual mean, 52.9.]

1	31	32	36	45	56	69	74	74	70	62	48	35
2	30	31	36	46	57	69	74	74	70	61	47	35
3	30	30	35	47	59	69	74	74	71	60	47	36
4	30	29	36	47	59	68	74	74	71	59	47	37
5	29	30	36	47	60	68	75	74	71	59	46	37
6	30	30	37	48	61	68	75	74	71	58	47	37
7	31	31	38	48	62	68	75	74	70	57	48	37
8	30	32	39	48	62	69	75	74	70	57	48	36
9	29	34	40	48	63	70	75	74	69	57	48	36
10	29	34	40	49	62	70	75	74	68	57	47	36
11	29	34	41	49	62	71	75	74	68	57	47	37
12	29	34	40	50	61	71	75	73	67	56	46	37
13	29	34	39	50	60	72	75	73	67	56	45	36
14	30	34	38	51	60	72	76	73	67	55	44	36
15	31	34	37	51	60	73	76	72	67	55	44	35
16	31	34	36	51	60	73	76	73	67	55	43	34
17	31	34	37	52	61	73	75	73	67	55	42	33
18	31	34	37	52	62	73	75	73	66	55	41	33
19	31	34	38	53	64	73	75	73	66	54	41	34
20	31	34	38	53	64	73	75	73	65	54	40	34
21	30	34	38	54	64	73	75	72	65	53	40	35
22	30	34	39	54	64	73	74	72	64	52	39	36
23	30	35	39	54	64	73	75	72	64	52	39	37
24	30	35	40	54	64	74	75	72	64	52	39	36
25	31	35	41	55	64	74	75	72	63	51	38	35
26	32	36	41	56	64	74	75	71	63	50	38	34
27	32	36	41	56	64	74	76	71	63	50	37	33
28	33	36	41	56	65	74	75	71	62	50	36	32
29	33	.....	42	56	66	74	75	71	62	49	36	31
30	33	.....	42	56	67	73	75	71	62	49	35	32
31	32	.....	43	.....	68	.....	75	71	.....	49	.....	32
Means	30.6	33.4	38.7	51.2	62.2	71.6	75.0	72.8	66.7	54.7	42.8	35.0

DAILY MEAN TEMPERATURE—Continued.

PORTLAND, OREG.

[Twenty-four years, 1872 to 1895; annual mean, 52.5.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	38	40	44	52	55	60	64	68	63	57	48	45
2	37	40	44	50	55	62	65	64	63	56	48	45
3	38	39	44	50	55	61	66	67	62	56	48	43
4	40	39	44	50	55	61	64	67	62	57	49	43
5	40	40	45	50	55	60	63	66	63	57	49	44
6	40	39	46	51	55	60	65	66	63	56	48	44
7	39	39	46	50	55	60	67	66	62	57	49	44
8	37	40	44	51	55	62	67	66	62	56	48	43
9	39	40	45	51	55	61	66	67	62	55	48	42
10	38	40	46	49	57	60	66	67	62	54	47	43
11	39	40	46	49	57	61	65	66	62	54	46	42
12	40	40	46	49	57	62	65	66	62	54	46	43
13	38	41	47	50	56	62	65	67	60	53	46	42
14	37	40	47	50	56	61	65	66	62	53	46	43
15	37	40	48	50	57	62	66	67	62	53	45	42
16	37	40	47	51	57	62	68	67	61	53	44	41
17	37	41	47	50	58	61	68	67	62	54	45	40
18	37	40	47	51	58	61	68	66	60	54	46	39
19	36	42	48	52	58	60	67	66	59	53	44	40
20	36	43	49	53	57	62	67	66	59	52	43	39
21	37	44	49	54	57	63	67	66	60	52	43	42
22	36	44	50	54	60	61	67	66	60	52	44	40
23	38	44	49	53	61	61	70	64	58	51	44	39
24	39	44	49	53	60	62	67	64	60	51	45	39
25	40	43	50	54	60	63	67	64	59	51	44	40
26	39	44	49	54	59	63	67	65	59	52	42	40
27	39	44	50	54	58	64	67	65	59	52	43	40
28	40	44	49	55	59	63	67	66	56	51	43	38
29	42	------	48	55	60	64	66	67	58	51	43	38
30	41	------	49	54	59	63	66	65	58	50	44	39
31	39	------	51	------	60	------	66	64	------	49	------	39
Means	38.4	41.2	47.2	51.6	57.3	61.6	66.3	65.9	60.7	53.4	45.6	41.3

RALEIGH, N. C.

[Nine years, 1887 to 1895; annual mean, 59.1.]

1	44	48	48	55	66	71	76	76	71	63	54	43
2	41	44	47	57	65	72	75	78	70	64	56	46
3	37	48	46	57	66	74	76	77	72	64	56	47
4	37	45	44	58	68	75	75	76	72	65	54	44
5	42	40	43	57	69	75	75	76	72	64	51	41
6	42	36	44	55	68	73	76	78	74	61	51	43
7	44	41	48	56	67	73	79	76	74	61	54	44
8	43	45	49	60	65	70	77	77	74	61	60	46
9	37	44	49	59	67	71	76	78	71	58	58	47
10	39	44	47	56	68	75	75	79	73	59	54	48
11	39	42	47	56	71	74	74	77	73	58	49	48
12	40	38	48	58	67	73	76	77	72	58	47	45
13	38	38	52	58	66	75	78	76	75	61	49	41
14	42	43	49	60	65	75	78	75	73	58	52	42
15	41	44	43	57	64	76	80	76	72	55	52	45
16	41	43	44	55	69	76	79	75	73	57	52	47
17	38	47	43	55	66	78	78	76	72	59	54	45
18	37	54	46	61	68	78	79	78	70	58	49	41
19	40	49	50	59	69	79	78	77	72	60	48	44
20	39	47	50	59	66	80	77	77	72	59	42	44
21	41	45	51	59	65	80	77	77	71	56	44	45
22	38	42	51	61	64	79	77	76	71	55	48	47
23	40	41	51	62	67	78	77	73	71	59	48	45
24	43	42	52	59	68	78	78	73	69	57	45	46
25	42	46	50	59	70	78	77	75	67	54	46	48
26	43	46	50	57	71	78	79	75	66	55	46	47
27	42	42	49	64	70	77	78	74	64	55	46	40
28	40	44	52	64	68	75	77	73	63	53	46	39
29	43	------	47	64	67	77	78	71	64	52	38	38
30	45	------	51	66	70	77	78	73	63	49	40	38
31	47	------	52	------	72	------	78	73	------	49	------	37
Means	40.8	43.9	48.2	58.8	67.5	75.7	77.1	75.7	70.5	58.0	49.6	43.9

DAILY MEAN TEMPERATURE—Continued.

ST. LOUIS, MO.

[Twenty-five years, 1871 to 1895; annual mean, 55.6.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	31	30	40	49	62	71	77	78	73	65	53	38
2	30	32	41	50	64	71	78	78	73	66	50	39
3	30	32	38	51	61	71	79	76	74	65	49	39
4	31	30	37	53	61	72	78	76	74	63	52	40
5	30	32	39	55	63	72	78	77	73	62	51	39
6	28	35	41	56	63	73	79	77	74	60	50	39
7	30	35	41	56	64	74	80	78	74	61	52	38
8	27	34	42	54	66	73	79	79	77	60	50	37
9	25	33	43	53	66	77	79	78	77	61	48	36
10	27	36	44	53	66	74	78	79	69	61	48	38
11	31	35	42	54	64	74	79	78	70	60	48	40
12	32	34	43	56	64	75	81	78	68	60	46	40
13	28	32	44	58	64	76	81	78	69	59	46	39
14	27	34	42	56	66	77	80	77	70	58	42	36
15	30	35	42	55	64	76	80	77	70	57	44	36
16	28	38	40	55	64	76	80	78	68	58	44	37
17	29	37	43	56	65	75	80	78	68	59	42	36
18	30	36	47	59	66	76	78	78	70	56	38	34
19	30	35	44	58	67	76	78	78	68	56	38	34
20	32	36	41	56	67	77	78	77	67	56	40	34
21	33	35	42	58	66	76	78	77	68	55	41	35
22	33	36	44	58	67	77	78	76	69	54	42	34
23	29	36	46	58	68	77	78	74	68	53	38	35
24	29	40	44	58	69	78	79	75	67	53	36	33
25	33	38	45	59	69	77	79	74	66	54	38	32
26	34	40	46	60	69	77	79	76	65	53	40	29
27	34	38	46	62	69	78	78	76	64	52	38	28
28	32	38	44	61	68	77	79	76	64	54	35	32
29	34	.....	47	61	70	77	78	75	64	52	33	32
30	35	.....	49	59	69	76	78	74	62	49	35	33
31	33	.....	50	.....	69	.....	79	74	.....	50	.....	33
Means	30.5	35.1	43.1	56.2	65.8	75.2	78.8	76.8	69.4	57.5	43.6	35.6

ST. PAUL, MINN.

[Twenty-five years, 1871 to 1895; annual mean, 43.3.]

1	13	8	22	37	49	63	70	71	66	53	39	24
2	9	13	24	36	50	62	71	70	65	55	37	23
3	9	12	22	38	51	62	70	70	66	52	38	23
4	11	10	22	39	52	62	70	70	65	51	38	22
5	12	13	24	40	54	64	71	71	65	50	39	22
6	11	15	25	41	55	64	72	71	66	51	39	21
7	10	16	24	42	55	66	73	72	62	52	40	19
8	8	14	26	43	52	65	72	73	62	52	36	20
9	8	13	27	42	57	64	71	71	62	52	37	21
10	10	15	27	40	58	65	71	70	61	51	37	24
11	9	13	27	42	55	67	74	70	62	49	36	22
12	11	14	26	44	55	68	74	69	60	49	33	24
13	8	16	23	46	56	68	74	69	59	50	33	23
14	7	15	22	45	56	68	73	70	60	48	31	21
15	10	16	23	44	56	68	73	68	59	49	30	22
16	10	17	24	46	58	69	72	69	61	49	30	17
17	11	18	28	48	58	68	69	69	59	47	28	16
18	10	18	28	50	58	68	69	69	59	46	27	18
19	10	16	25	47	59	68	70	70	58	47	25	16
20	13	16	27	48	58	69	70	70	58	45	27	19
21	12	16	28	50	59	69	71	68	58	46	26	20
22	8	17	29	49	59	69	71	67	58	44	26	20
23	7	18	29	49	62	70	72	68	58	44	21	18
24	10	21	31	49	62	70	72	67	59	44	22	16
25	13	20	33	51	62	70	72	68	55	44	24	13
26	14	20	32	52	62	70	72	68	56	41	23	12
27	13	21	33	49	61	70	72	69	54	40	21	10
28	12	22	33	49	64	70	71	68	54	41	18	16
29	14	.....	35	49	64	70	72	67	54	40	16	13
30	15	.....	36	51	63	71	72	66	54	39	20	14
31	11	.....	36	.....	63	.....	72	65	.....	38	.....	15
Means	10.6	15.8	27.5	45.2	57.5	67.2	71.5	69.1	59.8	47.1	29.9	18.8

DAILY MEAN TEMPERATURE—Continued.

SALT LAKE CITY, UTAH.

[Twenty-one years, 1875 to 1895; annual mean, 51.3.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	26	30	38	47	53	61	74	77	69	59	45	38
2	28	29	41	49	54	64	74	77	68	56	45	37
3	30	30	38	48	54	63	76	78	68	56	46	37
4	30	32	38	47	55	63	75	79	68	57	44	36
5	30	31	37	48	56	63	75	78	68	58	45	35
6	28	31	38	49	55	64	75	78	66	57	43	34
7	27	31	38	48	55	62	74	78	65	56	42	33
8	26	30	39	45	55	63	74	75	66	56	43	34
9	27	30	40	47	56	63	75	75	66	56	43	33
10	27	31	38	50	57	64	75	76	66	53	42	33
11	26	32	40	49	58	64	74	76	65	52	41	32
12	25	32	40	47	59	65	73	76	64	53	39	33
13	25	31	41	46	59	65	76	76	64	54	38	34
14	27	30	40	47	59	65	76	75	64	53	39	32
15	26	32	42	50	56	65	75	76	66	52	40	33
16	26	32	43	49	56	67	75	76	65	51	37	33
17	25	32	43	49	54	69	76	76	64	51	36	33
18	27	33	43	48	56	70	77	75	64	50	37	34
19	28	34	41	51	60	69	76	74	64	51	39	34
20	25	35	41	49	60	68	76	73	64	50	39	34
21	26	36	42	51	60	69	77	74	64	50	40	31
22	27	36	44	51	58	70	77	73	63	52	37	34
23	29	37	45	50	59	68	76	72	61	52	37	32
24	29	36	46	51	60	70	77	72	62	50	37	32
25	31	36	45	51	61	71	76	72	61	49	37	32
26	30	37	45	52	62	70	76	73	60	50	36	32
27	30	37	46	54	62	72	75	71	60	48	36	32
28	29	37	46	53	62	73	76	71	62	48	37	31
29	30	.....	46	55	62	73	76	71	62	48	37	28
30	32	.....	42	55	59	74	76	70	60	46	37	27
31	32	.....	45	.....	61	.....	77	69	.....	46	.....	24
Means	27.9	32.9	41.6	49.5	57.8	66.9	75.5	74.6	64.3	52.3	39.8	32.8

SAN DIEGO, CAL.

[Twenty-one years, 1875 to 1895; annual mean, 60.7.]

1	53	54	56	56	60	63	66	68	68	65	61	58
2	54	54	56	57	58	63	66	69	68	65	60	58
3	54	55	55	58	60	63	66	69	68	66	61	58
4	54	55	55	57	58	63	66	68	68	65	60	58
5	54	54	54	57	58	63	67	69	67	64	59	58
6	54	54	55	57	59	64	66	70	67	64	59	57
7	53	54	56	58	58	64	66	68	67	64	60	57
8	54	54	56	58	60	64	67	69	67	64	59	56
9	53	54	55	59	58	64	67	69	67	64	60	56
10	53	54	55	59	58	64	66	70	68	64	60	56
11	53	54	55	58	60	65	67	70	68	63	59	56
12	54	54	55	58	60	64	67	69	68	64	59	56
13	53	54	55	58	60	64	67	69	68	64	59	56
14	52	55	56	58	60	63	67	69	68	62	59	56
15	53	56	56	58	60	63	67	70	68	62	58	56
16	53	55	56	58	60	64	67	70	67	63	58	56
17	52	54	56	58	61	64	66	70	66	62	58	55
18	54	55	56	58	61	64	67	70	66	64	59	55
19	54	55	55	59	62	64	67	69	66	63	58	56
20	54	55	55	58	62	65	68	69	66	64	57	56
21	53	56	56	58	61	65	68	69	67	64	57	55
22	53	56	57	61	61	64	68	69	67	64	58	55
23	55	55	57	59	61	64	68	68	66	63	57	54
24	56	55	57	59	62	64	68	68	67	62	58	54
25	54	55	57	59	62	65	68	68	68	62	58	54
26	53	56	57	59	62	65	68	68	66	62	57	55
27	54	56	58	59	62	65	68	69	67	62	57	56
28	54	56	58	59	62	65	68	68	66	61	58	55
29	54	.....	58	60	62	65	68	68	65	62	58	55
30	54	.....	56	60	62	66	67	68	65	61	58	54
31	54	.....	56	.....	63	.....	68	68	.....	61	.....	54
Means	53.6	54.8	56.0	58.3	60.4	64.1	67.1	68.9	67.0	63.2	58.6	55.8

DAILY MEAN TEMPERATURE—Continued.

SAN FRANCISCO, CAL

[Twenty-four years, 1872 to 1895; annual mean, 55.8.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	50	52	54	55	56	58	59	59	60	59	58	54
2	50	52	54	54	56	58	59	59	61	60	57	53
3	49	52	53	55	56	59	58	58	60	61	58	53
4	49	52	52	54	56	58	58	59	60	60	58	53
5	51	50	53	54	56	59	58	58	59	60	57	53
6	50	50	53	54	56	59	58	58	60	60	57	53
7	50	50	53	54	56	58	58	58	60	60	58	52
8	50	51	52	55	56	58	59	58	59	60	59	52
9	49	51	53	55	56	58	59	58	60	60	58	51
10	49	51	53	54	56	58	59	59	61	60	57	51
11	49	52	53	54	56	59	59	58	60	60	57	51
12	49	52	53	54	56	59	59	58	60	59	57	48
13	49	51	53	54	56	58	59	58	61	57	57	51
14	50	50	53	55	55	58	58	58	62	58	57	51
15	50	51	53	54	55	58	59	58	61	59	57	51
16	50	51	53	54	56	58	58	58	61	59	56	51
17	50	51	52	54	57	58	58	59	60	60	56	51
18	50	51	54	54	57	59	57	59	59	61	56	51
19	50	52	54	55	57	60	58	58	60	59	56	52
20	50	53	54	54	56	59	58	58	60	59	55	52
21	50	53	54	56	58	58	58	59	62	60	55	52
22	51	54	52	56	56	58	58	59	61	60	56	51
23	51	53	54	56	57	58	58	59	61	59	56	51
24	50	53	54	56	58	57	58	60	61	59	54	52
25	51	52	55	54	58	57	58	59	63	59	54	51
26	50	53	56	54	58	59	59	60	61	60	54	51
27	51	52	56	55	58	58	58	60	60	60	55	50
28	51	53	55	55	58	59	58	59	60	58	55	51
29	52	.....	54	55	57	59	58	59	60	58	55	50
30	52	.....	54	56	58	59	58	60	59	57	55	50
31	51	.....	55	.....	59	.....	59	60	.....	57	.....	49
Means	50.1	51.7	53.6	54.6	56.6	58.4	58.3	58.7	60.4	59.3	56.3	51.4

SANTA FE, N. MEX.

[Twenty-four years, 1872 to 1895; annual mean, 48.3.]

1	26	32	36	40	52	59	69	68	62	55	42	37
2	26	32	38	45	50	60	70	68	63	56	42	36
3	27	31	38	47	51	61	69	68	63	55	43	34
4	27	32	36	46	53	61	70	68	63	55	42	33
5	28	32	36	45	54	60	70	68	62	54	40	32
6	28	31	37	46	55	62	69	68	63	53	41	32
7	27	30	36	44	54	61	69	68	62	54	42	33
8	25	30	36	43	53	61	68	68	62	54	38	31
9	26	30	39	44	53	62	68	68	62	54	38	32
10	28	30	38	47	54	63	67	67	61	54	39	33
11	28	30	38	47	55	64	69	67	61	53	38	32
12	28	30	39	44	56	64	69	67	61	51	36	31
13	29	30	41	42	55	65	70	67	62	50	36	32
14	30	30	40	43	56	65	69	68	61	51	37	31
15	28	30	39	45	56	65	69	67	61	50	38	30
16	28	32	39	47	55	66	69	67	62	50	35	30
17	28	32	40	46	54	67	69	67	61	49	33	31
18	26	33	40	48	55	67	68	66	60	48	35	31
19	28	34	38	47	56	66	68	67	60	49	37	30
20	27	33	39	48	53	67	68	66	59	48	38	30
21	27	35	39	47	58	68	68	65	59	47	37	30
22	27	34	41	46	58	69	68	64	58	47	36	31
23	27	34	42	48	59	67	67	64	58	47	36	30
24	28	33	42	47	59	68	67	64	57	46	35	29
25	30	33	42	49	58	69	67	64	56	47	36	28
26	30	33	42	51	59	69	67	65	56	45	35	30
27	29	34	42	52	59	69	67	65	56	45	35	30
28	28	36	43	53	60	69	68	64	56	45	34	30
29	29	.....	44	50	59	69	68	64	55	45	36	28
30	31	.....	44	51	59	69	69	64	56	44	37	26
31	32	.....	41	.....	59	.....	69	63	.....	43	.....	23
Means	27.9	32.0	39.5	46.6	55.7	65.1	68.5	66.3	59.9	49.8	37.6	30.8

MEAN DAILY TEMPERATURE—Continued.

SAVANNAH, GA.

[Twenty-five years, 1871 to 1895; annual mean, 66.4.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	52	54	55	63	71	76	81	81	78	70	60	51
2	49	52	55	63	71	77	81	82	78	70	61	52
3	48	55	56	62	70	78	81	81	78	72	62	53
4	48	52	55	62	67	78	81	80	78	72	60	53
5	52	51	55	63	71	78	81	80	79	71	61	52
6	52	51	57	65	72	78	81	81	79	71	61	53
7	50	54	59	65	72	78	81	81	78	70	61	53
8	51	54	58	66	72	78	82	81	78	69	62	52
9	48	55	57	65	72	78	83	81	77	68	62	54
10	48	54	57	64	72	79	82	81	77	68	61	53
11	49	56	58	64	73	78	81	81	76	68	59	54
12	49	56	60	64	73	78	82	81	77	66	59	54
13	51	55	59	64	70	79	83	80	77	66	60	54
14	51	53	58	65	70	79	83	81	77	66	58	53
15	51	53	58	66	72	79	83	80	77	65	57	53
16	53	54	58	67	72	80	83	80	77	65	58	51
17	50	56	58	65	72	80	83	80	76	66	59	53
18	50	56	56	66	73	80	83	80	76	66	58	52
19	51	56	60	67	73	80	82	80	75	66	56	51
20	51	55	62	69	74	80	82	81	75	65	54	52
21	54	56	60	68	75	80	82	80	74	64	54	53
22	51	55	57	68	73	81	82	80	74	65	57	54
23	52	55	57	68	73	80	81	80	74	66	58	54
24	52	54	60	69	75	80	82	80	74	63	55	54
25	50	56	61	67	76	82	82	80	74	63	54	54
26	52	55	60	68	76	81	81	80	73	64	55	54
27	53	54	62	70	77	81	82	79	73	64	56	49
28	54	54	63	71	76	81	82	79	72	63	56	48
29	53	.....	60	70	76	81	82	79	72	63	52	50
30	52	.....	60	70	76	81	82	79	72	62	49	50
31	54	.....	64	.....	76	.....	82	79	.....	60	.....	51
Means	51.0	54.3	58.5	66.1	72.9	79.3	81.9	80.3	75.8	66.4	57.8	52.4

WASHINGTON, D. C.

[Twenty-five years, 1871 to 1895; annual mean, 54.7.]

1	34	34	38	48	59	70	75	76	71	62	50	36
2	35	32	38	50	59	69	75	76	70	61	51	38
3	32	36	39	49	59	70	77	76	71	63	48	38
4	33	33	37	50	60	71	77	75	72	62	47	39
5	32	31	36	50	62	71	76	76	72	60	47	37
6	33	32	39	50	62	70	77	76	72	59	48	38
7	34	33	41	51	61	70	77	76	72	57	48	38
8	33	35	40	51	62	71	77	76	71	58	50	38
9	32	35	41	50	65	72	78	77	70	57	51	37
10	30	35	43	51	65	72	77	76	69	59	49	37
11	32	38	42	51	64	72	77	76	67	57	47	39
12	33	37	42	50	63	72	77	76	69	56	47	39
13	33	36	42	52	62	72	78	75	69	57	46	39
14	33	35	42	54	61	72	78	75	67	57	45	38
15	32	35	40	53	61	73	78	74	67	56	45	36
16	33	37	41	51	62	73	79	74	69	57	44	36
17	32	38	39	50	62	75	79	74	69	58	45	36
18	32	38	41	52	63	74	78	75	67	58	45	35
19	34	38	44	54	66	75	76	74	68	56	42	35
20	34	37	40	56	67	76	76	75	67	55	39	34
21	35	38	41	56	67	76	76	75	64	54	40	35
22	34	38	41	55	65	75	75	74	65	54	42	37
23	34	36	42	56	65	75	76	73	66	55	44	36
24	31	34	42	56	66	76	76	74	66	53	42	35
25	32	40	43	55	67	76	77	74	65	52	41	35
26	32	39	44	58	68	77	78	73	64	53	40	35
27	36	37	45	58	67	76	77	72	64	53	42	34
28	36	36	45	58	67	75	76	72	64	52	40	34
29	34	.....	43	56	67	75	76	72	64	51	36	34
30	33	.....	44	58	69	75	76	73	62	50	35	32
31	36	.....	46	.....	69	.....	76	72	.....	49	.....	33
Means	33.2	35.8	41.3	53.0	63.9	73.2	76.8	74.6	67.8	56.2	44.5	36.2

DAILY MEAN TEMPERATURE—Continued.

WILMINGTON, N. C.

[Twenty-five years, 1871 to 1895; annual mean, 63.0.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	48	49	51	57	65	73	79	80	76	68	57	46
2	47	50	51	59	66	73	78	80	76	68	58	48
3	43	51	52	59	66	75	78	79	76	69	59	49
4	45	48	49	58	67	76	79	79	77	70	58	49
5	48	46	48	59	67	74	79	79	77	68	57	48
6	48	45	51	60	69	75	79	79	77	67	58	48
7	47	50	54	61	68	75	79	79	77	66	58	49
8	47	50	53	61	69	74	80	79	76	65	60	50
9	45	50	55	60	69	75	80	78	74	65	60	50
10	44	50	54	60	69	76	80	79	74	65	60	48
11	44	51	54	59	70	75	79	78	74	65	56	50
12	47	51	55	60	70	75	80	79	74	64	56	49
13	47	50	54	60	70	75	80	78	74	64	56	50
14	48	49	54	61	68	76	81	78	75	62	56	50
15	48	48	54	62	67	77	80	78	74	61	54	49
16	48	50	54	62	68	76	81	79	75	63	54	48
17	46	51	52	59	68	78	80	78	75	64	56	48
18	45	52	51	61	69	78	81	78	74	63	55	47
19	46	50	56	62	70	78	80	78	74	62	53	46
20	46	50	56	64	71	78	79	79	73	62	49	48
21	49	51	55	62	72	79	79	79	72	62	50	49
22	48	49	52	64	70	79	79	79	71	62	53	51
23	47	50	53	64	70	78	79	79	71	63	55	50
24	48	48	56	63	72	79	80	77	72	60	52	50
25	46	53	56	62	73	79	79	78	71	60	51	49
26	47	52	57	64	73	80	80	77	71	61	51	49
27	48	50	57	66	73	80	80	77	70	62	52	46
28	49	50	58	66	73	79	80	77	70	61	51	44
29	48	.....	54	65	73	79	80	76	70	60	48	47
30	47	.....	57	66	74	78	82	76	69	60	44	46
31	51	.....	58	.....	73	.....	80	76	.....	57	.....	46
Means	46.9	49.8	53.9	61.5	69.7	76.7	79.7	78.2	73.6	63.5	54.6	48.3

WINNEMUCCA, NEV.

[Eighteen years, 1878 to 1895; annual mean, 48.6.]

1	27	28	38	47	51	61	69	72	65	53	41	36
2	28	30	38	47	51	61	69	73	65	51	42	36
3	28	30	37	46	52	60	70	74	65	53	43	35
4	28	31	37	46	53	60	69	73	64	54	41	34
5	27	31	37	46	53	60	70	74	64	55	42	34
6	26	31	38	46	52	60	70	72	63	54	41	34
7	25	30	39	45	51	59	70	72	62	53	39	33
8	24	30	39	46	48	59	70	72	62	51	39	33
9	25	31	37	47	51	59	70	73	62	48	38	33
10	25	32	38	48	52	57	69	73	61	47	38	30
11	26	32	40	46	53	58	68	73	61	47	36	31
12	27	34	39	44	53	58	69	73	60	46	36	30
13	28	33	40	44	53	58	71	73	60	47	36	31
14	27	31	39	44	53	60	72	72	60	46	37	29
15	27	32	41	46	52	60	72	72	62	45	36	31
16	25	31	41	46	53	62	72	72	60	46	33	33
17	25	32	42	44	54	63	73	71	60	46	33	33
18	24	32	42	45	55	62	73	71	59	48	34	33
19	20	33	38	47	56	62	73	70	59	49	37	34
20	23	34	40	47	56	62	73	70	59	48	38	31
21	26	35	41	49	55	66	74	69	58	48	38	31
22	28	34	43	48	56	66	74	70	58	48	37	31
23	29	34	44	48	56	66	74	70	57	47	35	31
24	29	35	43	48	57	68	74	69	57	46	33	29
25	29	36	43	49	58	67	73	70	57	47	34	26
26	30	37	44	50	60	66	72	68	57	48	34	28
27	29	36	44	50	58	67	72	66	58	46	36	30
28	28	36	45	51	58	68	72	66	58	47	36	29
29	29	.....	46	55	59	68	72	66	57	45	35	26
30	32	.....	44	53	59	69	73	64	54	43	36	25
31	32	.....	45	.....	59	.....	72	65	.....	42	.....	24
Means	27.0	32.5	40.7	47.3	54.4	62.4	71.4	70.6	60.1	48.2	37.1	31.1

DAILY MEAN TEMPERATURE—Continued.

YANKTON, S. DAK.

[Twenty-two years, 1874 to 1895; annual mean, 45.8.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	15	26	38	50	63	72	73	68	58	41	29
2	11	18	27	40	50	63	73	72	67	59	37	27
3	12	15	23	41	51	63	73	72	68	55	41	28
4	13	18	24	41	52	64	72	73	67	55	39	28
5	14	20	25	42	54	64	74	73	66	53	40	26
6	14	18	24	42	56	66	76	72	67	54	44	23
7	13	18	24	44	54	67	76	76	64	56	40	23
8	12	16	28	45	57	65	74	75	64	55	38	26
9	12	19	26	44	55	64	73	72	64	56	38	26
10	14	19	28	43	57	67	74	73	64	54	41	27
11	12	16	29	45	56	69	75	72	64	51	36	24
12	13	18	30	45	55	69	77	72	62	52	33	26
13	11	22	26	45	57	70	76	72	63	51	34	26
14	10	16	27	45	59	71	76	72	63	51	32	25
15	12	19	26	45	58	69	74	72	61	50	34	26
16	12	17	26	48	60	70	73	72	60	50	31	22
17	14	18	29	50	59	69	72	72	62	47	29	23
18	9	20	28	50	61	71	72	72	62	48	29	25
19	12	18	28	50	62	71	72	73	59	50	30	22
20	16	21	31	51	61	71	73	72	61	47	31	23
21	13	23	30	52	61	70	74	71	60	47	30	22
22	13	21	33	51	61	71	73	70	61	47	28	23
23	14	24	36	48	63	71	73	70	61	45	25	20
24	18	25	36	49	63	70	74	70	61	47	27	17
25	18	19	39	51	62	72	74	70	58	44	28	17
26	20	21	37	52	62	72	73	72	59	40	29	15
27	18	21	34	52	63	72	72	72	57	44	26	17
28	20	22	36	49	65	71	73	72	56	44	22	18
29	21	.....	37	50	65	73	73	68	58	44	22	13
30	20	.....	38	53	63	71	74	70	56	43	28	16
31	16	.....	39	.....	63	.....	73	68	.....	43	.....	14
Means	14.2	19.2	30.0	46.7	58.5	68.6	73.6	71.8	62.1	49.7	32.8	22.5

YUMA, ARIZ.

[Twenty years, 1876 to 1895; annual mean, 72.2.]

1	55	54	62	67	73	81	88	92	88	80	67	58
2	55	55	62	67	73	81	88	92	88	79	67	58
3	55	55	62	67	74	81	89	92	88	79	66	58
4	55	55	62	68	74	82	89	92	88	78	66	57
5	55	56	62	68	74	82	89	92	87	78	65	57
6	55	56	62	68	75	82	89	92	87	77	65	57
7	55	56	63	68	75	83	90	92	87	77	65	57
8	55	57	63	68	75	83	90	92	87	76	64	57
9	55	57	63	69	76	83	90	92	87	76	64	57
10	55	57	63	69	76	84	90	92	86	75	64	57
11	55	58	63	69	76	84	91	92	86	75	63	56
12	55	58	63	69	76	84	91	92	86	74	63	56
13	54	58	63	70	77	84	91	91	86	74	63	56
14	54	59	63	70	77	85	91	91	85	73	62	56
15	54	59	64	70	77	85	92	91	85	73	62	56
16	54	59	64	70	77	85	92	91	85	72	62	55
17	54	60	64	70	78	85	92	91	85	72	62	55
18	54	60	64	71	78	36	92	91	84	71	61	55
19	54	60	64	71	78	86	93	91	84	71	61	55
20	54	60	65	71	78	86	93	90	84	70	61	55
21	54	61	65	71	78	86	93	90	83	70	61	55
22	54	61	65	72	79	86	94	90	83	70	60	55
23	53	61	65	72	79	87	94	90	83	69	60	55
24	53	61	65	72	79	87	94	90	82	69	60	55
25	53	62	65	72	79	87	94	89	82	69	60	55
26	53	62	66	72	79	87	94	89	82	69	60	55
27	53	62	66	73	80	88	93	89	81	69	59	55
28	53	62	66	73	80	88	93	89	81	68	59	55
29	54	.....	66	73	80	88	93	89	81	68	59	55
30	54	.....	67	73	80	88	92	88	80	68	58	55
31	54	.....	67	.....	80	.....	92	88	.....	68	.....	55
Means	54.2	58.6	64.0	70.1	77.1	84.8	91.5	90.7	84.7	72.8	62.3	55.9

MONTHLY AND ANNUAL MEAN MAXIMUM TEMPERATURE.

[In degrees Fahrenheit.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Record.
Abilene, Tex	54	58	67	76	83	89	93	92	85	76	64	57	75	1885–1901
Albany, N. Y	31	32	40	56	69	78	82	80	72	60	46	36	57	1875–1901
Alpena, Mich	26	26	32	46	59	69	75	73	66	53	39	30	50	1872–1901
Amarillo, Tex	47	47	59	69	76	84	86	86	80	69	58	47	67	1892–1901
Astoria, Oreg	46	48	52	55	61	64	68	69	66	60	52	48	57	1884–1901
Atlanta, Ga	50	54	61	70	79	85	87	85	81	71	60	53	70	1878–1901
Atlantic City, N. J	39	40	45	54	64	74	78	78	73	63	52	43	59	1873–1901
Augusta, Ga	56	60	67	74	83	89	91	89	85	75	65	58	74	1874–1901
Baker City, Oreg	33	36	45	55	64	70	82	82	70	60	45	35	56	1889–1901
Baltimore, Md	41	43	49	61	73	82	86	84	77	66	53	44	63	1872–1901
Binghamton, N. Y	33	30	41	55	67	77	83	80	73	63	45	35	57	1897–1901
Bismarck, N. Dak	17	20	32	54	67	75	82	81	70	56	37	25	51	1874–1901
Block Island, R. I	37	36	40	49	58	68	74	74	69	59	50	42	55	1880–1901
Boise, Idaho	38	43	55	63	71	80	89	87	76	63	50	40	63	1877–1901
Boston, Mass	35	36	42	54	66	76	81	78	71	60	49	39	57	1872–1901
Buffalo, N. Y	31	31	37	50	62	72	77	76	70	58	45	36	54	1873–1901
Cairo, Ill	43	46	55	67	76	84	87	86	79	69	55	46	66	1872–1901
Cape Henry, Va	48	50	54	62	73	81	85	84	79	68	59	51	66	1880–1901
Cape May, N. J	41	41	46	54	64	74	79	78	75	65	53	44	60	1880–1901
Carson City, Nev	44	48	53	61	67	76	84	84	75	65	56	46	63	1888–1901
Charleston, S. C	58	60	65	72	80	86	88	87	83	74	66	59	73	1874–1901
Charlotte, N. C	49	53	60	70	79	86	88	86	81	70	60	52	70	1878–1901
Chattanooga, Tenn	50	53	60	71	79	86	88	86	82	72	60	52	70	1879–1901
Cheyenne, Wyo	36	38	44	54	64	76	82	80	72	59	46	40	58	1872–1901
Chicago, Ill	31	33	41	54	64	74	80	78	72	60	45	36	56	1872–1901
Cincinnati, Ohio	40	43	51	63	74	83	87	84	78	66	52	43	64	1872–1901
Cleveland, Ohio	33	35	41	54	66	76	80	78	72	61	47	38	57	1872–1901
Columbia, Mo	42	41	53	67	76	86	89	89	82	71	54	45	66	1889–1901
Columbia, S. C	55	58	65	74	84	90	91	90	85	74	65	58	74	1888–1901
Columbus, Ohio	36	39	47	61	72	82	86	83	77	64	49	40	61	1878–1901
Concordia, Kans	36	38	50	67	74	84	90	88	81	69	52	42	64	1885–1901
Corpus Christi, Tex	62	64	69	75	80	84	86	86	84	78	70	64	75	1887–1991
Davenport, Iowa	29	33	43	60	70	80	85	82	75	62	45	35	58	1874–1901
Denver, Colo	42	44	52	60	69	81	86	85	77	65	51	45	63	1871–1901
Des Moines, Iowa	28	32	44	61	72	81	86	84	75	64	46	34	59	1878–1901
Detroit, Mich	31	32	40	55	67	77	81	79	72	60	45	36	56	1873–1901
Dodge, Kans	40	44	56	68	76	86	90	89	81	54	69	45	66	1874–1901
Dubuque, Iowa	27	31	41	59	71	80	85	82	74	61	43	33	57	1874–1901
Duluth, Minn	19	22	32	46	57	66	75	72	64	52	36	25	47	1874–1901
Eastport, Me	28	29	35	45	55	64	69	68	62	53	42	32	48	1873–1901
El Paso, Tex	57	63	70	79	88	96	95	93	87	78	66	59	78	1880–1901
Erie, Pa	34	35	40	52	65	74	78	77	71	60	48	39	56	1874–1901
Escanaba, Mich	23	24	32	46	58	70	76	73	66	54	39	29	49	1880–1901
Eureka, Cal	53	53	54	55	57	59	60	61	61	60	57	54	57	1887–1901
Fort Smith, Ark	48	52	62	73	80	88	92	91	85	75	61	52	72	1882–1901
Fresno, Cal	53	61	66	74	82	91	100	98	89	78	67	54	76	1887–1901
Galveston, Tex	59	62	68	74	81	86	89	88	84	78	68	62	75	1874–1901
Grand Haven, Mich	31	31	38	52	63	72	76	75	69	58	44	36	54	1873–1901
Green Bay, Wis	24	24	34	53	65	76	81	78	70	57	39	29	53	1886–1901
Hannibal, Mo	36	34	49	64	73	84	87	86	80	68	50	39	63	1892–1901
Harrisburg, Pa	36	36	45	60	71	80	84	82	75	62	49	40	60	1888–1901
Hatteras, N. C	51	52	56	63	72	79	83	82	79	70	61	54	67	1880–1901
Havre, Mont	24	24	35	55	66	73	82	82	69	57	36	32	53	1892–1901
Helena, Mont	27	30	40	54	63	70	80	79	67	55	40	33	53	1880–1901
Huron, S. Dak	21	24	38	59	69	79	85	83	75	60	41	30	55	1881–1901

MONTHLY AND ANNUAL MEAN MAXIMUM TEMPERATURE—Continued.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Record.
Independence, Cal	52	58	62	70	76	87	93	89	83	72	62	52	71	1894–1901
Indianapolis, Ind	36	39	48	62	72	82	86	84	77	64	49	40	62	1874–1901
Jacksonville, Fla	64	67	72	78	84	89	91	90	86	78	71	65	78	1874–1901
Jupiter, Fla	72	73	76	78	82	85	87	87	86	82	78	73	80	1888–1901
Kansas City, Mo	38	38	50	65	74	84	87	86	79	68	51	42	64	1888–1901
Keokuk, Iowa	32	36	46	62	72	82	87	84	77	65	48	38	61	1871–1901
Key West, Fla	74	76	77	80	84	87	89	89	87	83	78	74	82	1872–1901
Kittyhawk, N. C	49	52	56	63	74	81	85	84	79	70	60	53	67	1880–1901
Knoxville, Tenn	47	51	58	69	78	84	87	86	81	70	58	49	68	1874–1901
La Crosse, Wis	24	28	39	57	69	78	83	80	71	59	41	30	55	1872–1901
Lander, Wyo	34	34	43	55	65	75	83	82	72	59	46	34	57	1891–1901
Lewiston, Idaho	37	40	56	64	73	79	88	88	74	62	49	40	62	1879–1901
Lexington, Ky	41	42	51	64	73	83	85	84	79	67	52	45	64	1888–1901
Lincoln, Nebr	36	33	46	62	72	84	89	87	80	69	50	35	62	1897–1901
Little Rock, Ark	49	53	62	73	80	87	90	89	83	74	61	53	71	1879–1901
Los Angeles, Cal	64	66	67	70	73	78	83	84	82	76	72	67	74	1877–1901
Louisville, Ky	42	46	54	66	76	85	88	87	80	69	54	46	66	1872–1901
Lynchburg, Va	45	48	55	66	76	84	87	85	79	68	57	48	67	1874–1901
Marquette, Mich	24	25	31	46	58	69	74	72	66	53	38	29	49	1875–1901
Memphis, Tenn	48	52	61	72	79	87	90	88	82	72	60	52	70	1874–1901
Meridian, Miss	56	58	66	76	83	88	90	89	85	76	65	59	74	1889–1901
Miles City, Mont	27	27	38	58	70	78	88	87	74	60	40	33	56	1892–1901
Milwaukee, Wis	27	30	37	51	62	72	78	76	70	58	43	33	53	1874–1901
Minneapolis, Minn	24	24	36	58	69	78	83	81	74	60	39	28	54	1890–1901
Mobile, Ala	59	62	68	75	83	88	90	89	86	77	68	61	75	1874–1901
Montgomery, Ala	57	61	67	76	84	90	92	90	86	76	66	58	75	1872–1901
Moorhead, Minn	12	16	30	53	66	76	80	78	69	55	34	21	49	1881–1901
Nantucket, Mass	38	36	41	49	58	67	73	74	68	58	50	42	54	1886–1901
Narragansett Pier, R. I	37	37	42	53	63	73	78	77	71	60	51	41	57	1882–1901
Nashville, Tenn	47	50	58	69	78	86	89	87	81	71	58	50	69	1874–1901
Neahbay, Wash	46	46	51	55	60	64	66	66	62	56	52	49	56	1884–1901
New Haven, Conn	36	36	43	55	66	76	80	78	72	61	49	40	58	1873–1901
New Orleans, La	61	65	70	76	82	87	89	88	85	78	69	63	76	1874–1901
New York, N. Y	37	38	44	57	68	78	82	80	74	63	51	41	60	1872–1901
Norfolk, Va	48	51	56	65	75	84	88	85	79	69	59	51	67	1873–1901
Northfield, Vt	25	26	34	51	64	74	77	75	68	54	41	30	52	1887–1901
North Platte, Nebr	34	38	48	62	71	80	86	85	77	65	49	40	61	1874–1901
Oklahoma, Okla	47	48	60	72	78	86	90	90	85	74	59	50	70	1890–1901
Omaha, Nebr	29	34	45	62	72	82	86	84	76	64	47	36	60	1873–1901
Oswego, N. Y	31	31	37	50	63	73	78	76	70	57	45	36	54	1872–1901
Palestine, Tex	56	61	68	77	82	89	92	92	87	78	67	60	76	1881–1901
Parkersburg, W. Va	41	41	51	64	74	83	86	84	78	66	52	44	64	1888–1901
Pensacola, Fla	60	63	67	74	81	86	88	88	85	78	68	62	75	1879–1901
Philadelphia, Pa	39	41	47	60	72	81	85	83	76	65	52	43	62	1874–1901
Phoenix, Ariz	65	70	77	85	93	102	105	102	98	86	76	69	86	1881–1901
Pierre, S. Dak	28	28	39	60	71	81	88	87	78	63	42	33	58	1891–1901
Pittsburg, Pa	38	41	48	62	73	82	85	83	77	66	51	42	62	1875–1901
Point Reyes Light	54	55	56	56	58	59	59	60	62	61	60	56	58	1889–1901
Port Crescent, Wash	42	43	48	52	57	62	65	67	63	56	49	44	54	1892–1901
Port Huron, Mich	29	30	36	51	63	74	78	77	71	58	43	33	54	1874–1901
Portland, Me	30	32	39	51	62	72	77	75	68	57	45	35	53	1874–1901
Portland, Oreg	44	48	55	61	67	71	78	77	71	62	52	47	61	1874–1901
Pueblo, Colo	44	45	55	65	73	84	89	88	81	68	55	47	66	1888–1901
Raleigh, N. C	50	52	59	69	79	86	88	86	81	69	60	52	69	1887–1901
Rapid City, S. Dak	33	34	42	58	66	76	85	84	75	62	47	41	59	1881–1901
Redbluff, Cal	53	58	64	70	79	88	97	95	87	76	64	54	74	1880–1901
Rochester, N. Y	31	32	38	53	66	76	80	78	72	59	44	35	55	1871–1901
Roseburg, Oreg	47	50	57	61	68	73	80	80	74	64	54	48	63	1877–1901
Sacramento, Cal	53	58	63	69	75	83	89	89	84	74	64	54	71	1877–1901
St. Louis, Mo	40	43	52	66	75	84	88	86	79	68	53	44	65	1873–1901

MONTHLY AND ANNUAL MEAN MAXIMUM TEMPERATURE—Continued.

	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Record.
St. Paul, Minn	20	24	36	56	68	77	83	80	71	57	38	27	53	1872–1901
Salt Lake City, Utah	36	41	50	60	69	79	88	87	77	63	49	40	62	1874–1901
San Antonio, Tex	62	66	73	81	86	91	94	94	89	82	70	65	79	1877–1901
San Diego, Cal	62	62	64	65	67	70	73	75	74	70	68	65	68	1874–1901
Sandusky, Ohio	34	35	42	55	68	77	82	80	74	62	48	38	58	1877–1901
San Francisco, Cal	55	58	60	61	63	66	65	65	68	66	62	56	62	1874–1901
San Luis Obispo, Cal	62	67	65	68	69	76	78	78	78	75	70	66	71	1885–1901
Santa Fe, N. Mex	39	43	52	60	69	78	81	79	73	62	50	43	61	1873–1901
Sault Ste. Marie, Mich	22	22	30	48	59	70	74	71	64	51	37	28	48	1888–1901
Savannah, Ga	60	63	68	75	82	88	90	88	84	75	67	61	75	1874–1901
Seattle, Wash	45	48	51	57	63	68	74	73	66	59	50	47	58	1894–1901
Shreveport, La	55	60	68	77	84	90	93	92	86	77	65	59	76	1874–1901
Sioux City, Iowa	28	29	40	61	71	81	86	84	77	63	43	34	58	1889–1901
Spokane, Wash	33	38	48	59	68	74	83	83	71	59	44	37	58	1881–1901
Springfield, Ill	35	38	48	63	72	82	86	84	77	66	50	40	62	1879–1901
Springfield, Mo	42	43	53	66	74	82	86	86	79	68	54	45	65	1887–1901
Tampa, Fla	68	71	76	80	85	89	89	89	88	82	76	70	80	1890–1901
Toledo, Ohio	33	35	42	56	68	78	82	80	72	61	47	37	58	1873–1901
Topeka, Kans	38	40	52	68	75	85	89	87	81	70	53	44	65	1887–1901
Valentine, Nebr	31	34	44	60	69	79	86	84	75	64	49	40	60	1885–1901
Vicksburg, Miss	56	60	68	75	83	89	91	90	86	76	66	59	75	1874–1901
Walla Walla, Wash	38	44	54	63	72	78	88	88	75	64	50	44	63	1885–1901
Washington, D. C	41	44	50	63	74	83	87	84	78	66	54	44	64	1872–1901
Wichita, Kans	42	42	55	69	76	86	90	90	82	71	54	46	67	1888–1901
Williston, N. Dak	18	19	30	56	68	74	82	81	69	56	32	25	51	1893–1901
Wilmington, N. C	56	58	63	70	78	85	87	86	82	73	64	58	72	1874–1901
Winnemucca, Nev	38	44	52	60	68	78	88	87	76	64	51	42	62	1877–1901
Yankton, S. Dak	26	30	41	60	70	80	85	84	76	63	44	33	58	1873–1901
Yuma, Ariz	66	72	78	85	93	101	106	104	100	87	76	68	86	1878–1901

Mean Minimum Temperature at Weather Bureau Stations.

[In degrees Fahrenheit.]

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.	Record.
Abilene, Tex	33	35	44	54	62	68	72	71	65	55	43	37	53	1885–1901
Albany, N. Y	15	16	24	38	50	59	64	62	55	43	32	22	40	1875–1901
Alpena, Mich	12	10	16	31	41	52	57	55	49	39	28	19	34	1874–1901
Amarillo, Tex	24	23	32	43	52	61	65	64	57	46	33	26	44	1892–1901
Astoria, Oreg	38	39	42	45	50	53	56	58	55	50	44	40	48	1884–1901
Atlanta, Ga	35	38	43	52	60	67	70	69	64	54	43	37	53	1878–1901
Atlantic City, N. J	26	26	32	40	51	60	66	66	61	50	38	29	45	[a]1873–1901
Augusta, Ga	38	40	46	53	62	69	72	71	66	54	44	38	54	1874–1901
Baker City, Oreg	18	20	27	34	41	45	51	51	42	35	28	22	34	1889–1901
Baltimore, Md	27	28	34	44	55	64	69	67	61	49	39	31	47	1872–1901
Binghamton, N. Y	17	16	25	36	47	55	61	59	51	42	31	22	38	1897–1901
Bismarck, N. Dak	− 4	− 1	12	32	43	53	58	55	45	33	16	6	29	1874–1901
Block Island, R. I	25	25	30	38	47	56	63	63	59	49	40	30	44	1880–1901
Boise, Idaho	20	26	34	39	46	51	57	56	46	39	30	25	39	1877–1901
Boston, Mass	19	20	27	37	48	58	63	62	55	45	34	24	41	1872–1901
Buffalo, N. Y	18	17	24	35	46	58	63	61	55	44	33	24	40	1873–1901
Cairo, Ill	28	31	39	50	59	68	71	69	62	50	39	32	50	1872–1901
Cape Henry, Va	33	34	38	46	57	66	70	70	66	56	45	36	52	1880–1901
Cape May, N. J	29	28	34	43	53	62	68	68	64	54	42	32	48	1880–1901
Carson City, Nev	22	25	30	35	41	46	52	50	44	35	28	23	36	1887–1901
Charleston, S. C	43	45	50	57	66	72	75	75	70	60	51	44	59	1874–1901
Charlotte, N. C	33	35	41	49	59	66	69	68	62	51	41	35	51	1878–1901
Chattanooga, Tenn	33	36	42	51	58	66	69	68	62	51	41	35	51	1879–1901
Cheyenne, Wyo	14	15	21	30	39	47	53	52	43	33	23	18	32	1872–1901
Chicago, Ill	16	19	27	39	49	59	65	65	58	46	32	23	42	1872–1901
Cincinnati, Ohio	25	27	34	45	56	65	69	67	60	48	37	30	47	1872–1901
Cleveland, Ohio	20	20	27	38	50	59	64	62	56	45	34	25	42	1872–1901
Columbia, Mo	20	21	30	45	53	63	65	63	57	44	32	25	43	1889–1901
Columbia, S. C	36	38	44	52	61	68	71	70	65	53	44	37	53	1887–1901
Columbus, Ohio	22	24	30	42	52	62	65	63	56	45	34	26	44	1878–1901
Concordia, Kans	16	18	28	43	52	62	66	64	57	44	30	23	42	1885–1901
Corpus Christi, Tex	50	52	58	66	71	76	77	77	74	67	57	51	64	1887–1901
Davenport, Iowa	13	16	26	41	52	61	66	64	56	44	30	21	41	1874–1901
Denver, Colo	16	19	26	35	44	53	58	57	48	37	26	20	37	1871–1901
Des Moines, Iowa	10	14	26	41	51	61	65	63	55	43	28	18	39	1878–1901
Detroit, Mich	18	19	25	38	49	59	63	61	55	44	32	24	41	1873–1901
Dodge, Kans	16	20	29	41	52	61	66	64	56	43	28	22	42	1874–1901
Dubuque, Iowa	9	13	24	40	50	60	64	62	54	43	28	18	39	1874–1901
Duluth, Minn	2	4	15	31	40	49	57	58	50	39	23	10	32	1874–1901
Eastport, Me	13	15	23	33	40	47	52	54	49	41	31	19	35	1873–1901
Elkins, W. Va	20	15	28	35	45	55	59	58	50	39	28	21	38	1899–1901
El Paso, Tex	31	35	42	49	58	66	69	67	61	50	38	32	50	1880–1901
Erie, Pa	20	19	25	37	49	59	64	62	57	46	35	26	42	1874–1901
Escanaba, Mich	6	4	12	29	41	52	57	55	48	39	26	16	32	[b]1880–1901
Eureka, Cal	41	41	42	44	48	50	51	52	50	48	45	42	46	1887–1901
Evansville, Ind	29	25	37	46	57	67	70	69	61	51	38	28	48	1897–1901
Flagstaff, Ariz	17	19	23	27	34	41	51	48	39	31	22	17	31	1898–1901
Fort Canby, Wash	37	38	40	43	47	51	54	54	52	49	44	40	46	1883–1899
Fort Smith, Ark	29	32	40	52	59	67	70	69	63	51	40	33	50	1882–1901
Fort Worth, Tex	36	30	44	52	63	71	72	74	67	57	45	35	54	1898–1901

[a] Except January, 1895, to October, 1896, inclusive.

[b] Except July, 1894, to November, 1898.

MEAN MINIMUM TEMPERATURE AT WEATHER BUREAU STATIONS—Continued.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.	Record.
Fresno, Cal	37	40	43	47	53	59	64	63	58	50	43	38	50	1887–1901
Galveston, Tex	48	51	57	65	71	77	79	78	75	68	58	52	65	1874–1901
Grand Haven, Mich	19	18	24	36	46	56	61	59	53	43	32	25	39	1873–1901
Grand Junction, Colo	16	22	30	39	49	57	64	60	52	41	30	16	40	1899–1901
Greenbay, Wis	9	9	19	35	45	56	60	58	51	40	26	16	35	1886–1901
Hannibal, Mo	20	18	31	45	54	64	67	65	58	46	32	24	44	1892–1901
Harrisburg, Pa	24	24	31	42	53	62	65	64	58	46	36	28	44	1888–1901
Hatteras, N. C	39	40	44	51	62	70	73	73	70	60	51	42	56	1880–1901
Havre, Mont	5	4	13	32	42	49	54	52	42	32	16	15	30	1894–1901
Helena, Mont	11	14	23	34	42	49	55	54	45	36	24	18	34	1880–1901
Huron, S. Dak	− 1	2	16	35	44	55	59	57	47	34	18	9	31	1881–1901
Independence, Cal	31	34	38	44	50	60	66	62	55	46	37	30	46	1894–1901
Indianapolis, Ind	21	23	31	44	54	63	66	64	57	46	34	26	44	1874–1901
Jacksonville, Fla	47	49	53	59	66	72	74	74	71	63	54	48	61	1874–1901
Jupiter, Fla	58	59	62	65	69	73	75	75	74	70	66	61	67	1888–1901
Kalispell, Mont	19	15	28	33	40	45	49	47	41	34	28	23	34	1899–1901
Kansas City, Mo	22	21	31	47	55	65	69	67	59	48	34	27	45	1888–1901
Keokuk, Iowa	16	19	29	43	54	64	68	65	57	46	31	22	43	1871–1901
Key West, Fla	65	67	68	71	75	78	79	79	78	75	71	66	72	1872–1901
Kittyhawk, N. C	36	37	40	48	58	67	71	72	68	58	47	39	54	1880–1901
Knoxville, Tenn	30	33	38	48	56	64	68	66	60	48	38	32	48	1874–1901
La Crosse, Wis	7	10	22	38	50	60	64	61	53	41	26	15	37	1872–1901
Lander, Wyo	6	6	18	29	38	44	50	48	39	29	18	8	28	1891–1901
Lewiston, Idaho	25	26	36	41	48	55	59	58	49	41	34	28	42	1879–1901
Lexington, Ky	26	27	34	46	54	64	67	65	59	47	36	30	46	1887–1901
Lincoln, Nebr	18	14	25	41	51	62	66	64	56	46	29	18	41	1897–1901
Little Rock, Ark	34	36	43	54	61	69	72	70	64	54	42	36	53	1879–1901
Los Angeles, Cal	44	45	47	49	52	56	59	60	57	52	48	46	51	1877–1901
Louisville, Ky	27	29	36	47	56	66	69	67	61	49	38	31	48	1872–1901
Lynchburg, Va	29	31	37	45	55	64	68	66	60	48	38	31	48	1874–1901
Marquette, Mich	9	8	15	30	41	50	56	56	49	39	26	17	33	1875–1901
Memphis, Tenn	33	36	44	54	61	69	72	71	64	54	43	37	53	1874–1901
Meridian, Miss	37	39	45	54	60	67	70	69	64	50	42	39	53	[a]1889–1901
Miles City, Mont	7	6	17	35	45	53	59	57	46	35	19	14	33	1891–1901
Milwaukee, Wis	13	15	24	37	45	55	62	61	54	43	29	20	38	1874–1901
Minneapolis, Minn	6	5	19	38	48	59	62	60	52	41	23	13	36	[b]1890–1901
Mobile, Ala	43	46	51	59	65	72	74	73	69	59	50	44	59	1874–1901
Montgomery, Ala	39	43	48	55	63	70	73	72	67	56	46	40	56	1872–1901
Moorhead, Minn	− 8	− 5	10	32	42	53	56	54	45	34	15	3	28	1881–1901
Mount Tamalpais, Cal	42	42	43	44	47	56	62	58	59	52	47	43	50	1898–1901
Nantucket, Mass	26	25	30	38	47	55	62	63	58	49	40	31	44	1886–1901
Narragansett Pier, R. I	20	20	26	36	46	56	62	61	55	44	34	25	41	1882–1901
Nashville, Tenn	30	33	39	50	58	67	70	68	61	50	40	33	50	1874–1901
Neahbay, Wash	36	36	38	39	44	47	50	51	48	44	41	38	43	1884–1901
New Haven, Conn	20	21	27	38	48	58	63	62	55	44	34	25	41	1873–1901
New Orleans, La	47	50	55	62	68	74	76	75	72	63	54	48	62	1874–1901
New York, N. Y	24	24	30	40	52	61	67	66	60	48	38	28	45	1872–1901
Norfolk, Va	33	35	39	47	58	66	71	70	65	54	44	36	52	1873–1901
Northfield, Vt	6	6	16	29	42	51	54	52	45	35	25	13	31	1887–1901
North Platte, Nebr	10	14	23	37	47	56	62	60	50	37	23	16	36	1874–1901
Oklahoma, Okla	28	27	37	50	58	66	70	68	62	51	37	30	49	1890–1901
Omaha, Nebr	11	15	26	42	52	62	67	65	56	44	28	19	41	1873–1901
Oswego, N. Y	17	17	24	36	46	56	62	61	54	43	33	22	39	1872–1901
Palestine, Tex	38	42	49	57	63	70	72	71	66	57	47	42	56	1881–1901
Parkersburg, W. Va	26	25	32	43	52	62	64	63	57	44	35	28	44	1888–1901
Pensacola, Fla	45	49	53	60	67	74	75	74	71	62	52	47	61	1879–1901
Philadelphia, Pa	26	27	32	42	53	63	68	67	60	49	38	30	46	1874–1901
Phoenix, Ariz	35	38	43	49	56	64	74	73	65	54	44	37	53	1881–1901
Pierre, S. Dak	8	7	18	37	48	58	63	61	51	38	20	14	35	1891–1901
Pittsburg, Pa	24	24	30	42	52	61	65	63	57	46	36	28	44	1875–1901

[a] Except September, 1896, to January, 1899.
[b] Except from August, 1891, to December, 1892, inclusive.

MEAN MINIMUM TEMPERATURE AT WEATHER BUREAU STATIONS—Continued.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.	Record.
Point Reyes Light, Cal	44	44	45	45	46	47	48	50	51	49	48	45	47	1889–1901
Port Crescent, Wash	31	31	34	36	41	46	47	48	42	40	36	34	39	1892–1895 1898–1901
Port Huron, Mich	16	15	22	35	45	55	60	59	53	42	31	22	38	1874–1901
Portland, Me	15	17	25	36	46	55	61	59	52	42	32	21	38	1874–1901
Portland, Oreg	33	35	39	42	48	52	56	55	51	46	40	37	45	1874–1901
Pueblo, Colo	16	17	26	36	46	54	60	58	49	37	25	19	37	1888–1901
Raleigh, N. C	32	34	40	48	58	66	69	68	62	50	41	34	50	1887–1901
Rapid City, S. Dak	10	10	18	34	43	52	59	58	48	37	22	19	34	[a]1881–1901
Redbluff, Cal	37	40	44	48	54	61	66	65	60	52	44	38	51	1880–1901
Richmond, Va	31	27	39	46	56	66	70	70	62	52	39	32	49	1897–1901
Rochester, N. Y	18	17	23	36	47	57	62	60	53	42	32	22	39	1871–1901
Roseburg, Oreg	35	36	38	41	46	50	52	53	48	43	39	37	43	1877–1901
Sacramento, Cal	39	42	46	48	52	56	58	58	56	50	43	40	49	1877–1901
St. Louis, Mo	24	26	35	48	57	67	71	69	61	50	36	29	48	1873–1901
St. Paul, Minn	2	7	18	36	48	58	62	60	51	39	22	11	35	1872–1901
Salt Lake City, Utah	21	25	32	40	47	55	63	62	52	42	32	25	41	1874–1901
San Antonio, Tex	42	45	52	59	66	71	73	72	68	60	49	44	58	1877–1901
San Diego, Cal	46	47	49	52	56	59	62	64	61	56	51	48	54	1874–1901
Sandusky, Ohio	20	21	28	40	51	61	66	64	58	47	34	26	43	1877–1901
San Francisco, Cal	45	47	48	49	51	52	53	53	54	53	51	47	50	1874–1901
San Luis Obispo, Cal	42	43	44	44	47	49	52	53	51	49	45	41	47	1894–1901
Santa Fe, N. Mex	18	22	28	35	44	52	57	56	49	39	28	21	38	1871–1901
Sault Ste. Marie, Mich	8	4	12	30	39	48	54	53	47	38	26	16	31	1888–1901
Savannah, Ga	43	46	50	57	65	71	74	73	69	59	50	44	58	1874–1901
Seattle, Wash	36	38	38	42	47	51	54	55	51	46	41	39	45	1893–1901
Shreveport, La	38	42	49	57	64	71	73	72	66	56	46	41	56	1874–1901
Sioux City, Iowa	10	10	21	40	49	60	64	61	52	40	24	17	37	1889–1901
Spokane, Wash	20	22	30	37	45	50	55	54	46	38	30	26	38	1881–1901
Springfield, Ill	19	22	31	44	53	63	67	64	57	46	33	25	44	1879–1901
Springfield, Mo	25	25	34	48	55	64	67	66	60	48	36	29	46	1887–1901
Tatoosh Island, Wash	38	38	40	42	46	49	52	52	49	47	43	40	44	1883–1898
Tacoma, Wash	36	36	37	40	46	50	53	54	49	44	40	37	44	1897–1901
Tampa, Fla	50	53	57	60	67	72	73	73	72	65	58	52	63	1890–1901
Toledo, Ohio	19	20	27	39	50	60	64	62	56	44	33	25	42	1873–1901
Topeka, Kans	18	20	29	44	53	63	67	65	57	45	31	24	43	1887–1901
Valentine, Nebr	6	9	20	36	45	56	60	58	48	36	22	16	34	1885–1901
Vicksburg, Miss	40	43	49	57	64	70	73	72	67	56	47	42	57	1874–1901
Walla Walla, Wash	26	30	36	43	49	54	60	61	52	44	36	32	44	1885–1901
Washington, D. C	26	27	33	43	54	63	68	66	59	47	37	29	46	1872–1901
Wichita, Kans	23	22	32	46	55	64	68	67	59	48	34	27	46	1888–1901
Williston, N. Dak	−2	−3	8	33	43	52	56	53	42	31	13	7	28	1894–1901
Wilmington, N. C	38	40	45	52	61	69	72	71	66	56	46	40	55	1874–1901
Winnemucca, Nev	18	22	28	34	40	48	54	52	42	32	24	20	35	1877–1901
Yankton, S. Dak	5	9	21	37	49	59	64	61	52	39	23	14	36	1873–1901
Yuma, Ariz	42	46	50	55	61	68	77	77	70	58	49	44	58	1878–1901

[a] Except July, 1883, to December, 1887, inclusive.

MONTHLY AND ANNUAL MEAN RELATIVE HUMIDITY, 1888–1901.

The record of monthly and annual mean relative humidity, as derived from the observations made at 8 a. m. and 8 p. m., seventy-fifth meridian time, for the period 1888–1896 was published in the Annual Report of the Chief of the Weather Bureau, 1896–97, pages 288–291.

At the end of 1901, five years additional observations having become available, it was deemed advisable to calculate new mean values. The revised means appear in the table below and the geographic distribution is shown on the accompanying charts, being for January, July, and the year, respectively.

In general, the means of the longer series of observations do not differ from those of the shorter series by more than 2 per cent in the annual means.

MONTHLY AND ANNUAL MEAN RELATIVE HUMIDITY.

	Number years observation.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Per ct.	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*
Abilene, Tex	14	68.9	67.6	59.2	60.5	65.5	62.9	58.6	61.2	65.5	64.4	65.6	67.4	63.9
Albany, N. Y	14	80.4	78.9	76.9	69.3	71.4	71.9	71.9	75.7	77.3	79.3	80.7	81.3	76.2
Alpena, Mich	14	83.3	82.1	80.7	77.4	75.3	75.5	74.5	79.1	82.1	83.6	84.5	84.3	80.2
Amarillo, Tex	10	62.5	67.7	50.0	49.3	56.8	57.8	59.8	61.2	60.4	61.7	59.4	64.5	59.3
Atlanta, Ga	14	76.4	73.2	69.7	64.5	64.1	70.7	75.6	78.3	73.9	69.9	73.0	75.5	72.1
Atlantic City, N. J	12	81.1	79.4	80.5	78.8	82.8	83.3	84.4	83.6	81.8	80.4	80.4	80.5	81.4
Augusta, Ga	14	75.5	72.8	69.9	65.6	66.9	72.6	76.4	80.1	78.1	76.8	77.6	78.1	73.4
Baker City, Oreg	12	75.0	72.2	65.9	56.8	58.5	55.0	43.8	44.9	52.0	59.9	69.5	74.7	60.7
Baltimore, Md	14	71.6	69.6	67.2	61.5	66.7	68.6	69.6	71.2	74.2	71.1	71.7	70.6	69.5
Bismarck, N. Dak	14	73.9	74.5	72.9	67.4	64.4	69.4	65.3	64.1	65.4	71.9	75.8	73.5	69.9
Block Island, R. I	14	76.0	76.1	79.3	80.6	85.9	86.9	87.3	86.6	82.8	79.9	78.0	74.9	81.2
Boise, Idaho	6	74.0	70.0	60.2	52.0	54.0	46.3	35.6	39.2	44.0	57.4	69.8	76.0	56.7
Boston, Mass	14	72.1	71.2	68.2	65.9	70.6	71.6	71.4	75.4	76.9	74.7	75.3	71.4	72.1
Buffalo, N. Y	14	78.3	77.9	74.6	69.1	70.9	71.9	71.4	71.4	72.6	71.6	74.4	76.1	73.4
Cairo, Ill	14	77.4	74.3	70.9	67.1	71.5	75.7	74.6	76.7	77.4	74.9	73.5	76.1	74.2
Carson City, Nev	12	63.5	58.2	50.8	43.2	44.8	39.8	35.5	38.5	44.5	53.3	58.3	68.4	50.2
Charleston, S. C	14	77.3	77.1	77.2	74.5	75.1	78.7	79.8	81.4	80.9	78.1	77.7	78.4	78.0
Charlotte, N. C	14	71.6	70.0	68.9	62.2	65.9	71.9	75.1	77.6	75.6	71.0	70.7	72.3	71.1
Chattanooga, Tenn	14	75.5	71.6	69.1	64.4	69.1	73.6	74.8	77.1	76.2	73.7	72.2	75.3	72.7
Cheyenne, Wyo	14	52.5	58.9	56.5	54.9	58.0	58.3	50.9	52.0	46.1	50.1	54.3	51.9	53.7
Chicago, Ill	14	82.1	81.4	77.3	71.9	71.4	72.9	69.5	71.4	70.0	71.5	77.4	80.4	74.8
Cincinnati, Ohio	14	76.6	73.6	70.0	62.0	64.4	64.8	64.8	66.8	68.0	68.9	72.9	75.4	69.0
Cleveland, Ohio	14	77.6	77.2	75.1	70.0	71.1	70.6	68.2	70.5	72.8	72.4	74.8	75.0	72.9
Columbus, Ohio	14	80.2	78.0	73.8	66.7	67.9	69.1	66.9	69.9	70.3	71.8	77.0	79.0	72.6
Concordia, Kans	14	74.8	75.4	70.1	64.0	65.6	66.6	64.6	67.0	66.7	69.1	73.0	75.7	68.6
Corpus Christi, Tex	13	83.6	82.9	82.5	83.3	82.6	82.5	82.0	82.5	80.8	78.9	81.5	81.9	82.1
Davenport, Iowa	14	79.9	78.8	73.2	75.3	66.9	68.9	64.6	68.5	71.3	70.5	74.9	78.8	72.6
Denver, Colo	14	52.6	55.1	51.3	47.9	52.0	45.8	49.0	44.0	43.6	45.5	47.2	50.4	48.7
Des Moines, Iowa	14	77.6	76.1	72.1	65.7	66.4	69.8	66.9	69.7	70.6	68.7	72.1	77.9	71.1
Detroit, Mich	14	82.7	80.6	76.4	69.6	69.5	69.6	66.9	69.8	73.4	74.8	78.8	81.3	74.4
Dodge Kans	14	72.1	71.9	63.5	61.1	63.9	63.4	62.0	62.4	63.1	63.9	65.7	69.3	66.9
Dubuque, Iowa	12	80.3	81.3	77.6	69.7	69.5	71.5	70.0	71.4	73.8	76.2	78.2	80.5	75.0
Duluth, Minn	14	79.5	78.4	75.4	73.4	68.9	72.4	71.4	73.9	74.2	75.9	78.7	79.6	75.1
Eastport, Me	14	73.1	72.8	74.1	72.6	79.4	82.4	83.1	84.1	82.2	79.4	77.1	74.4	77.9
El Paso, Tex	14	47.3	40.1	30.0	24.0	23.2	27.5	45.0	46.4	47.1	45.3	44.4	45.1	38.8
Erie, Pa	14	80.9	82.4	79.5	77.1	74.4	73.0	69.3	71.1	73.3	73.1	76.6	78.9	75.5
Eureka, Cal	14	86.4	85.4	84.4	85.6	86.1	86.0	87.9	89.8	88.2	89.0	87.4	85.4	86.8
Fort Smith, Ark	14	73.1	71.0	66.9	65.6	72.1	73.1	70.9	71.9	72.6	70.8	70.6	69.9	70.6
Fresno, Cal	14	82.2	71.9	67.8	57.5	51.7	40.2	32.7	34.9	42.6	56.4	66.4	81.9	57.2
Galveston, Tex	14	83.9	84.6	84.1	83.6	79.3	79.6	77.4	78.4	77.1	75.5	80.1	82.7	85.2
Grand Haven, Mich	14	87.1	86.6	80.6	71.0	71.5	72.8	69.8	73.9	75.9	77.4	79.9	83.6	77.5
Greenbay, Wis	14	79.0	78.6	75.8	70.5	68.1	69.9	68.6	71.9	73.9	76.6	76.9	78.4	74.0
Hannibal, Mo	4	75.0	76.8	67.5	65.8	70.2	69.0	68.8	68.6	71.8	66.0	71.6	77.4	70.7
Harrisburg, Pa	9	77.9	75.2	72.6	65.3	69.7	72.6	70.9	73.0	76.3	74.8	76.6	76.7	73.5
Hatteras, N. C	13	84.4	83.6	82.4	81.2	83.2	84.4	84.2	83.8	81.3	81.1	81.6	83.8	82.9
Havre, Mont	14	77.7	79.9	75.4	60.3	60.5	59.5	53.8	53.1	60.6	66.0	73.5	76.3	66.4
Helena, Mont	14	67.5	65.8	62.4	51.9	53.5	52.3	43.6	41.8	50.4	55.6	61.9	66.1	56.1
Huron, S. Dak	14	80.1	79.0	74.1	65.4	62.2	67.4	64.9	65.9	64.4	68.6	72.6	77.4	70.2
Independence, Cal	5	50.8	36.4	29.2	25.4	25.4	19.8	16.8	23.2	20.0	30.4	36.4	42.8	29.7
Indianapolis, Ind	14	77.9	76.2	70.9	64.4	66.0	66.5	62.8	65.1	67.0	67.7	71.5	75.0	69.2

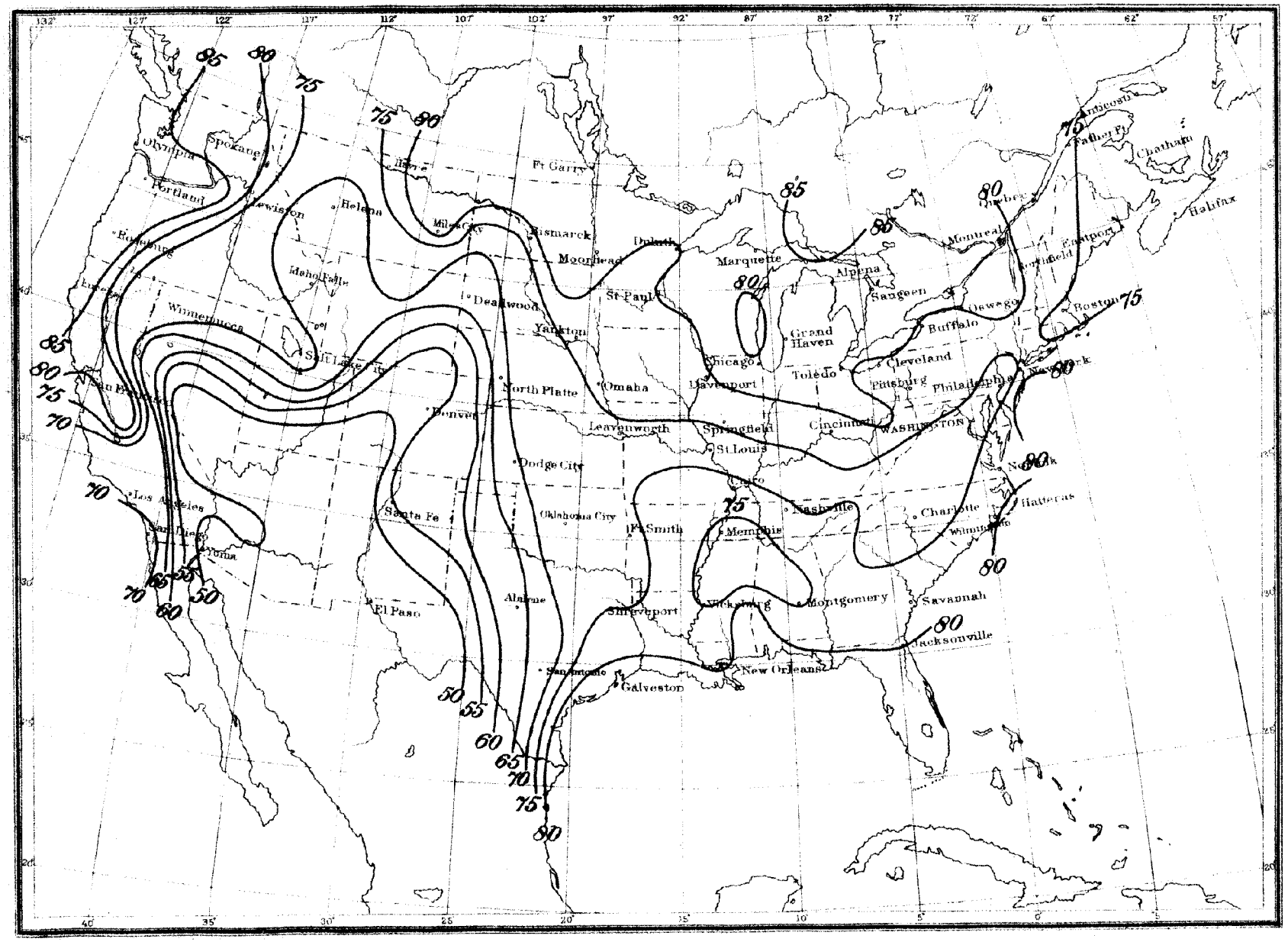
MONTHLY AND ANNUAL MEAN RELATIVE HUMIDITY—Continued.

	Number years observation.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Per ct.	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*
Jacksonville, Fla	14	79.6	79.0	75.8	73.2	74.2	78.8	79.7	81.4	83.2	81.4	81.9	82.5	79.5
Jupiter, Fla	14	80.9	80.4	77.6	75.6	79.2	82.9	82.4	82.6	83.6	80.8	79.1	80.9	80.5
Kansas City, Mo	14	74.8	75.7	71.6	66.7	68.0	70.0	68.4	69.5	69.3	65.7	68.9	74.7	70.3
Keokuk, Iowa	14	78.6	77.2	72.5	67.9	69.1	70.7	67.1	68.7	70.7	69.7	73.8	77.6	72.0
Key West, Fla	14	80.7	79.3	75.9	73.1	74.0	76.2	74.4	74.9	77.9	78.5	79.4	80.4	77.1
Kittyhawk, N. C	7	78.0	80.1	80.6	80.7	81.6	82.9	82.1	81.4	80.1	79.7	80.8	80.0	80.7
Knoxville, Tenn	14	76.2	72.3	69.6	64.4	69.5	74.1	76.6	78.9	76.7	74.6	74.1	77.1	73.7
La Crosse, Wis	8	80.1	78.4	71.9	63.4	63.6	71.0	68.5	70.9	73.0	71.8	75.5	78.0	72.2
Lander, Wyo	13	69.9	67.8	60.8	54.8	52.8	48.5	46.1	47.6	50.2	60.0	65.7	69.8	57.8
Lexington, Ky	11	75.8	72.6	69.7	63.5	66.6	69.6	71.4	71.8	69.4	66.4	71.5	73.4	70.1
Lincoln, Nebr	5	74.2	75.8	72.4	67.6	68.8	67.2	63.6	68.8	65.4	68.4	71.0	76.8	70.0
Little Rock, Ark	14	76.8	72.4	69.5	67.4	70.9	74.1	74.0	75.2	74.6	71.8	72.2	74.1	72.8
Los Angeles, Cal	14	67.4	68.9	71.9	73.1	76.5	74.7	75.6	75.8	72.9	74.6	66.2	62.6	71.7
Louisville, Ky	14	72.2	70.9	68.1	61.6	64.6	66.1	64.9	67.2	67.4	66.6	69.5	71.0	67.5
Lynchburg, Va	14	71.4	70.9	68.0	61.7	68.7	72.2	72.7	75.6	77.4	76.3	65.9	72.1	71.1
Marquette, Mich	14	83.5	83.6	80.3	76.3	73.0	73.1	72.4	76.7	77.7	80.2	82.5	83.6	78.6
Memphis, Tenn	14	74.2	72.1	70.0	66.2	68.3	72.6	74.0	75.3	73.0	70.1	71.6	73.8	71.8
Meridian, Miss	6	80.0	81.0	75.2	74.2	74.5	75.7	80.7	81.3	82.0	75.5	78.0	81.6	78.3
Miles City, Mont	10	83.0	83.6	79.3	66.9	60.4	61.5	54.3	53.1	61.2	70.9	80.4	82.2	69.7
Milwaukee, Wis	14	78.4	77.6	77.6	73.1	71.2	73.4	70.6	72.6	74.4	75.6	76.9	77.4	74.9
Mobile, Ala	14	82.9	82.6	81.0	78.2	79.4	79.4	82.1	84.0	81.0	78.3	81.6	83.6	80.9
Montgomery, Ala	14	74.9	74.1	70.7	65.5	65.0	70.1	75.6	78.9	73.6	70.6	72.9	76.0	72.4
Moorhead, Minn	14	86.3	85.8	83.6	72.9	64.9	71.4	74.0	72.5	72.1	75.4	84.6	86.2	74.1
Nantucket, Mass	14	79.4	79.0	80.6	81.6	84.1	85.6	85.7	85.9	82.7	81.3	80.0	79.6	82.1
Nashville, Tenn	14	75.2	73.3	68.3	64.0	66.3	69.3	70.4	72.5	71.9	69.4	72.3	75.2	70.7
New Haven, Conn	14	75.1	73.1	72.1	70.8	75.5	76.6	78.2	79.3	80.6	77.8	76.9	74.8	75.9
New Orleans, La	14	78.9	80.1	76.8	74.9	73.1	77.2	77.7	78.9	77.1	74.5	78.8	79.4	77.3
New York, N. Y	14	75.2	73.6	71.1	67.8	71.8	72.5	73.6	75.4	75.6	73.9	74.8	73.6	73.2
Norfolk, Va	14	78.4	77.9	76.9	74.9	78.3	79.0	80.3	82.2	80.2	79.4	78.1	77.6	78.6
Northfield, Vt	14	79.0	75.7	76.1	70.0	72.2	74.8	77.0	82.9	83.6	81.6	79.8	78.6	77.6
North Platte, Nebr	14	70.5	70.3	68.4	62.0	63.6	65.9	65.8	67.1	63.9	63.6	66.8	67.8	66.3
Oklahoma, Okla	11	73.9	72.1	67.5	65.2	72.4	72.5	69.4	67.4	67.7	65.9	69.9	74.1	69.8
Omaha, Nebr	14	75.6	74.7	72.1	63.9	63.9	66.9	65.9	68.8	67.3	65.4	69.9	75.6	69.2
Oswego, N. Y	14	82.7	81.7	76.6	71.1	72.6	73.4	72.6	74.0	74.0	74.0	76.6	79.9	75.8
Palestine, Tex	14	75.3	73.9	71.5	70.9	74.6	75.7	74.1	75.4	74.0	72.4	73.8	73.8	73.8
Parkersburg, W. Va	13	80.7	80.2	77.5	68.7	70.2	72.8	71.5	75.5	77.1	76.5	78.1	79.4	75.7
Pensacola, Fla	11	80.2	81.1	79.8	77.2	74.3	77.5	79.5	81.8	77.8	72.4	77.3	80.5	78.3
Philadelphia, Pa	14	73.1	71.8	68.2	62.7	68.3	67.9	69.8	71.9	74.2	71.9	72.4	71.4	70.3
Phœnix, Ariz	6	51.7	47.0	37.7	32.5	26.8	23.3	36.3	43.3	39.3	41.1	43.6	41.3	38.7
Pierre, S. Dak	10	73.6	73.1	71.3	62.4	58.0	60.0	56.5	56.9	56.9	63.0	69.9	74.6	64.7
Pittsburg, Pa	14	78.9	77.2	75.0	68.4	69.2	69.7	67.8	69.0	71.4	69.1	74.8	75.9	72.2
Port Huron, Mich	14	81.8	80.9	78.1	72.4	72.2	74.3	72.1	74.4	77.1	76.9	79.7	80.3	76.7
Portland, Me	14	75.3	74.0	72.3	69.2	76.1	76.1	76.4	80.3	81.0	78.9	76.7	75.4	75.1
Portland, Oreg	14	85.4	81.4	74.5	70.4	68.6	69.0	64.3	67.3	72.3	79.5	85.0	86.6	75.5
Pueblo, Colo	13	55.5	53.3	45.0	42.8	46.6	42.5	48.1	48.9	43.4	45.0	50.5	55.4	48.1
Raleigh, N. C	14	73.3	72.9	71.1	66.9	71.1	73.3	77.1	80.0	77.5	75.4	74.6	72.6	73.8
Rapid City, S. Dak	14	67.7	71.0	68.3	58.4	56.1	57.4	51.3	50.6	51.1	56.4	64.2	65.5	59.8
Redbluff, Cal	14	77.9	69.0	65.1	58.2	54.2	42.0	33.5	35.2	41.9	52.1	64.7	79.6	48.1
Rochester, N. Y	14	79.3	78.8	75.9	67.3	68.7	67.2	67.4	70.6	74.6	76.1	77.1	77.5	73.4
Roseburg, Oreg	14	86.2	81.5	75.6	70.8	70.3	67.4	62.1	62.8	68.9	78.2	84.1	87.6	74.6
Sacramento, Cal	13	80.3	73.1	70.2	65.2	66.4	59.4	57.7	57.8	56.8	61.6	69.2	81.1	66.7
St. Louis, Mo	14	74.3	73.9	71.4	65.4	68.2	68.2	66.1	67.5	68.6	66.2	70.2	73.6	69.5
St. Paul, Minn	14	80.0	79.9	74.6	65.6	62.6	67.9	66.0	69.6	70.2	71.4	75.2	79.6	71.9
Salt Lake City, Utah	14	73.8	70.2	59.3	48.6	47.0	38.1	34.9	36.4	38.6	52.2	62.4	71.6	52.8
San Antonio, Tex	14	67.5	64.6	62.7	67.4	70.3	68.5	65.6	66.2	68.7	64.4	66.6	64.6	66.6

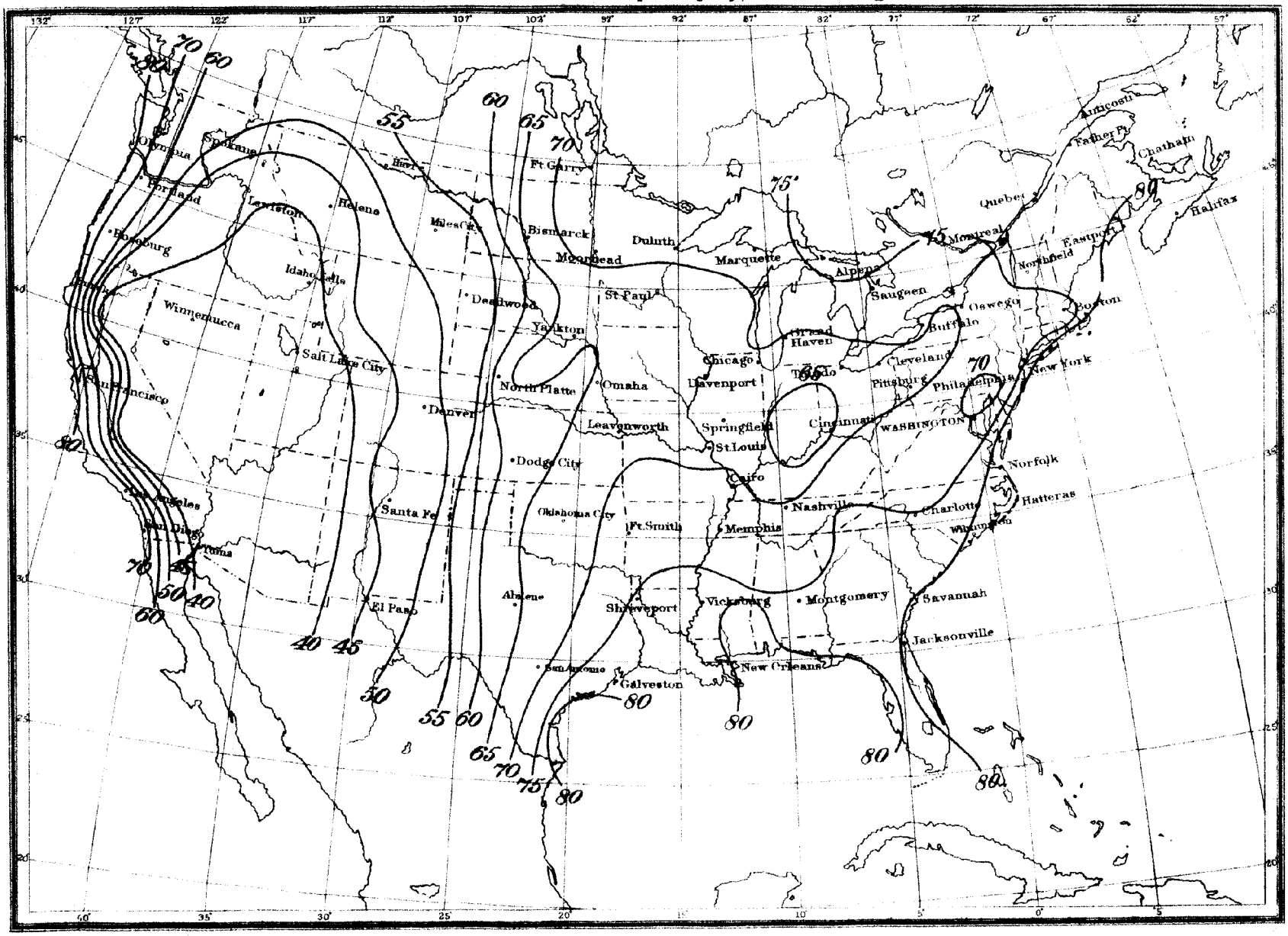
MONTHLY AND ANNUAL MEAN RELATIVE HUMIDITY—Continued.

	Number years observation.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Per ct.	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*	*Per ct.*
San Diego, Cal	14	70.7	71.5	74.1	74.4	76.9	78.0	79.7	79.6	77.9	76.9	70.0	67.6	74.8
Sandusky, Ohio	14	79.8	78.6	75.4	69.4	69.1	70.9	67.7	69.4	70.4	71.0	74.8	76.6	74.4
San Francisco, Cal	14	79.7	77.9	77.5	77.9	79.0	80.1	84.4	85.8	81.1	78.6	77.3	79.7	79.9
San Luis Obispo, Cal	7	69.7	67.3	69.9	69.1	72.1	69.0	69.4	71.9	69.0	70.5	67.2	62.6	69.0
Santa Fe, N. Mex	14	55.3	54.9	42.9	35.1	35.6	31.1	47.4	47.3	45.8	47.2	47.8	54.6	45.4
Sault Ste. Marie, Mich.	13	88.5	86.2	81.8	74.6	72.9	75.4	78.2	81.4	83.7	84.3	85.5	86.5	79.9
Savannah, Ga	14	76.7	77.0	75.2	73.3	74.1	79.0	81.3	83.6	84.2	79.7	79.3	78.7	78.5
Seattle, Wash	9	84.0	79.4	75.0	70.8	71.1	69.7	67.3	70.9	76.2	81.2	84.3	84.3	76.2
Shreveport, La	14	74.6	70.8	68.4	69.4	72.6	75.6	75.1	75.7	73.9	72.0	73.6	73.1	72.9
Sioux City, Iowa	6	78.7	78.2	71.2	64.0	60.0	67.5	63.6	68.6	66.4	63.6	70.6	75.4	69.0
Spokane, Wash	14	84.4	77.4	67.6	58.0	56.4	52.1	44.0	44.4	54.4	65.6	79.5	84.1	64.0
Springfield, Ill	14	76.7	76.1	72.6	66.4	69.0	69.9	66.7	69.4	70.7	69.3	73.6	75.9	71.4
Springfield, Mo	14	76.6	75.9	71.2	66.0	70.6	74.6	72.9	73.1	72.5	69.6	72.4	76.4	72.6
Tampa, Fla	12	81.3	81.4	78.7	73.8	74.9	81.2	82.5	83.3	84.6	80.8	80.7	83.0	80.5
Toledo, Ohio	14	82.4	80.4	75.5	69.1	69.0	69.9	67.1	70.1	72.2	73.3	77.6	79.9	73.9
Valentine, Nebr	11	71.3	72.0	69.5	64.1	62.4	65.1	63.3	64.3	63.1	65.2	68.5	69.5	66.5
Vicksburg, Miss	14	74.2	72.4	67.0	69.1	71.4	76.4	78.9	80.6	76.0	71.1	72.0	72.4	73.5
Walla Walla, Wash	14	85.6	78.8	71.4	60.7	57.7	53.1	42.0	42.6	55.9	68.5	76.4	84.6	64.8
Washington, D. C	14	72.8	70.7	68.3	63.2	71.1	72.6	74.4	76.8	78.4	76.1	72.0	71.7	72.3
Wichita, Kans	13	73.8	72.8	65.5	62.5	66.7	67.9	66.5	65.9	66.6	64.6	67.6	72.2	67.7
Williston, N. Dak	14	80.1	80.3	77.4	63.4	57.9	63.6	58.6	57.0	61.3	69.6	77.4	78.6	68.8
Wilmington, N. C	14	78.4	78.8	78.4	75.5	78.6	81.4	83.4	84.5	83.1	80.6	79.4	78.6	80.1
Winnemucca, Nev	14	72.2	64.1	56.5	43.4	45.3	34.6	25.2	23.9	30.6	40.4	52.7	68.9	46.5
Yankton, S. Dak	6	76.2	76.2	73.5	63.5	64.3	68.2	69.5	69.6	67.0	67.5	72.8	77.0	70.4
Yuma, Ariz	14	44.9	42.1	40.9	34.9	35.9	35.3	42.8	47.1	43.8	44.2	41.9	45.1	41.6

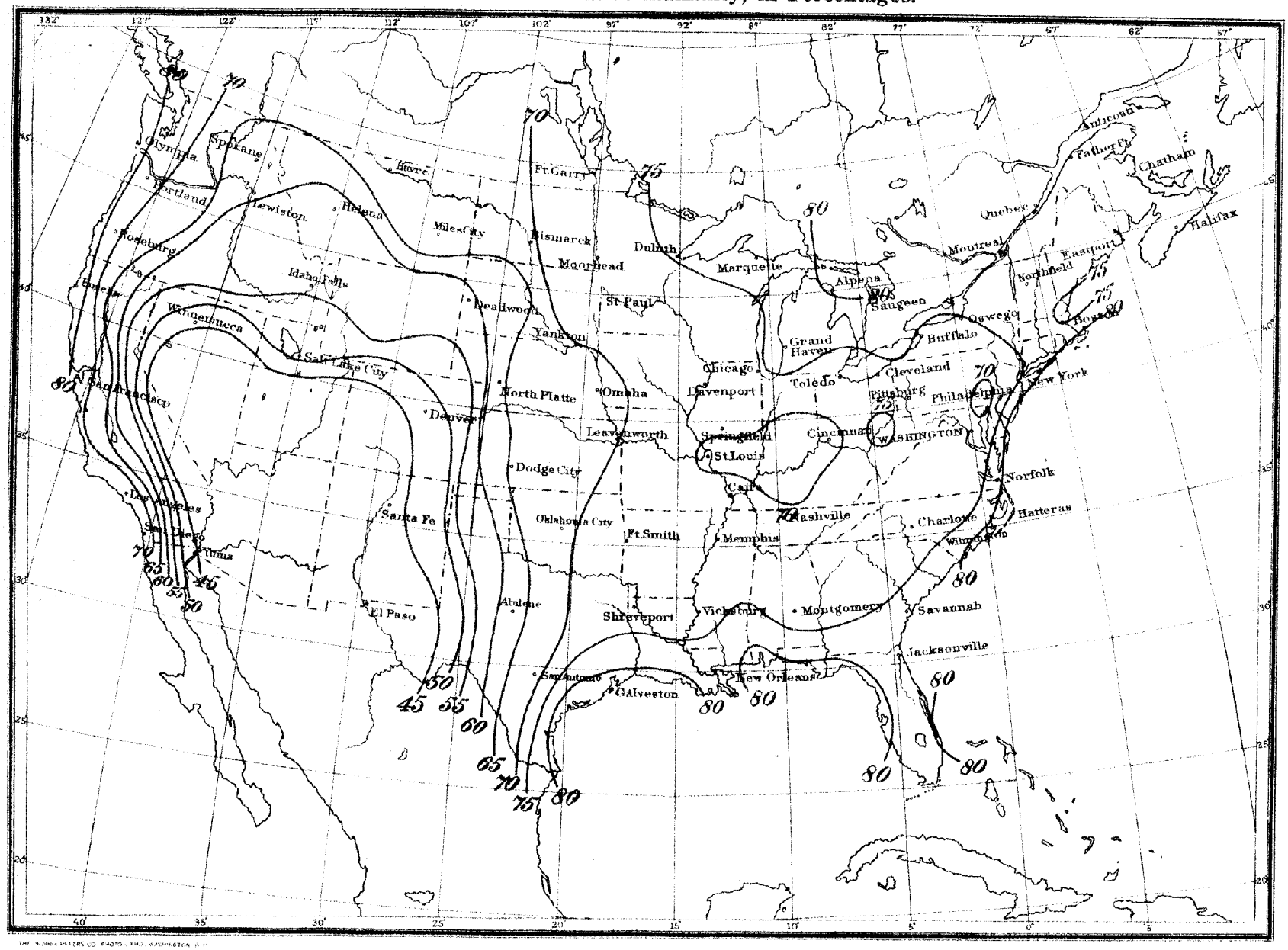
Normal Relative Humidity for January, in Percentages.



Normal Relative Humidity for July, in Percentages.



Normal Aunual Relative Humidity, in Percentages.



TABLES

SHOWING

THE AVERAGE HOURLY VALUES OF PRESSURE, TEMPERATURE, WIND VELOCITY AND FREQUENCY, AND THE PERCENTAGE OF SUNSHINE, FOR EACH MONTH AND THE YEAR, AT ALL STATIONS OF THE WEATHER BUREAU IN THE WEST INDIES, FOR SUCH TIME AS THE VARIOUS STATIONS WERE IN OPERATION DURING 1901.

AVERAGE PRESSURE IN INCHES AND THOUSANDTHS FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BASSETERRE, ST. KITTS.

[λ = 17° 18′ N.; φ = 62° 48′ W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.943	.931	.923	.924	.932	.947	.971	.989	.998	.990	.971	.946	.927
Feb	29.961	.954	.945	.948	.959	.974	.996	.011	.023	.014	.000	.978	.957
Mar	29.970	.961	.957	.962	.976	.990	.007	.017	.025	.022	.005	.990	.968
Apr	29.909	.897	.892	.899	.913	.927	.944	.955	.960	.954	.943	.926	.909
May	29.899	.890	.887	.892	.903	.916	.927	.934	.936	.932	.924	.911	.896
June	29.940	.935	.935	.941	.951	.962	.970	.976	.978	.973	.966	.957	.944
July	29.914	.905	.904	.904	.913	.925	.934	.940	.945	.947	.941	.932	.920
Aug	29.911	.902	.898	.901	.909	.921	.933	.946	.949	.946	.939	.929	.915
Sept	29.879	.869	.865	.867	.877	.888	.903	.914	.920	.916	.904	.885	.867
Oct	29.810	.800	.798	.803	.814	.828	.843	.856	.862	.854	.832	.816	.800
Nov	29.857	.848	.846	.853	.864	.881	.898	.915	.917	.905	.887	.867	.850
Dec	29.899	.889	.883	.888	.895	.907	.926	.943	.949	.940	.923	.900	.883
Year	29.908	.898	.894	.898	.909	.922	.938	.950	.955	.949	.936	.920	.903

BRIDGETOWN, BARBADOS.

[λ = 13° 04′ N.; φ = 59° 37′ W.]

Jan	29.912	.902	.900	.906	.918	.931	.947	.962	.965	.955	.935	.908	.892
Feb	29.931	.923	.925	.935	.946	.960	.972	.987	.990	.979	.960	.938	.923
Mar	29.928	.923	.926	.935	.945	.958	.970	.980	.980	.971	.955	.933	.915
Apr	29.896	.889	.893	.905	.914	.926	.936	.940	.940	.934	.917	.894	.878
May	29.876	.871	.875	.880	.891	.903	.910	.917	.917	.912	.899	.878	.866
June	29.908	.904	.905	.908	.919	.929	.937	.941	.942	.939	.928	.914	.900
July	29.876	.870	.871	.876	.883	.890	.898	.902	.905	.906	.896	.883	.872
Aug	29.876	.870	.871	.875	.882	.893	.903	.911	.912	.910	.898	.883	.869
Sept	29.853	.847	.848	.854	.865	.877	.892	.900	.902	.899	.882	.859	.843
Oct	29.809	.804	.805	.812	.825	.835	.850	.861	.862	.853	.833	.808	.793
Nov	29.837	.829	.830	.837	.850	.863	.879	.891	.890	.879	.860	.838	.822
Dec	29.848	.838	.842	.848	.859	.875	.890	.902	.903	.895	.879	.859	.842
Year	29.879	.872	.874	.881	.891	.903	.915	.924	.926	.919	.904	.883	.868

CIENFUEGOS, CUBA.

[λ = 22° 11′ N.; φ = 80° 33′ W.]

Jan	29.991	.981	.972	.970	.970	.976	.991	.009	.026	.033	.022	.003	.972
Feb	29.958	.946	.938	.934	.934	.945	.961	.973	.991	.998	.992	.976	.948
Mar	29.984	.968	.959	.955	.961	.972	.987	.000	.009	.011	.005	.988	.964
Apr													
May													
June													
July	29.887	.878	.867	.868	.871	.878	.890	.899	.905	.909	.906	.899	.885
Aug	29.906	.896	.886	.885	.888	.895	.908	.915	.920	.924	.918	.906	.893
Sept	29.847	.840	.826	.822	.827	.836	.851	.861	.868	.869	.865	.852	.832
Oct	29.845	.835	.821	.820	.829	.839	.854	.864	.871	.871	.859	.841	.815
Nov	29.963	.952	.942	.942	.947	.959	.975	.986	.001	.003	.985	.964	.935
Dec	29.956	.948	.953	.932	.935	.943	.959	.975	.991	.996	.986	.966	.937
Year													

HAVANA, CUBA.

[λ = 23° 09′ N.; φ = 82° 21′ W.]

Jan	30.013	.005	.999	.993	.989	.994	.007	.024	.040	.054	.049	.034	.010
Feb	29.975	.961	.951	.946	.946	.955	.969	.984	.998	.010	.011	.996	.972
Mar	30.000	.987	.974	.965	.967	.977	.990	.005	.017	.022	.019	.009	.991
Apr	29.932	.921	.910	.905	.911	.922	.938	.951	.959	.967	.965	.958	.943
May	29.852	.839	.835	.836	.837	.846	.856	.865	.870	.871	.869	.862	.853
June	29.880	.869	.863	.861	.865	.873	.885	.898	.901	.901	.900	.893	.886
July	29.890	.879	.875	.873	.877	.881	.895	.907	.914	.920	.920	.916	.904
Aug	29.915	.906	.895	.893	.895	.901	.911	.920	.929	.935	.937	.931	.918
Sept	29.848	.836	.827	.822	.825	.835	.847	.862	.868	.875	.874	.861	.840
Oct	29.869	.858	.850	.848	.853	.864	.877	.897	.903	.905	.901	.886	.867
Nov	29.989	.980	.972	.972	.976	.985	.000	.013	.026	.036	.028	.010	.987
Dec	29.976	.971	.961	.959	.960	.968	.979	.993	.008	.016	.010	.994	.969
Year	29.928	.918	.909	.906	.908	.917	.930	.943	.953	.959	.957	.946	.928

AVERAGE PRESSURE IN INCHES AND THOUSANDTHS FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BASSETERRE, ST. KITTS.

[H = 29 ft.; gravity correction, −.06; local time, 49m fast.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.916	.913	.918	.925	.935	.951	.965	.970	.968	.961	.953	.949	.000	.907	Jan.
.944	.942	.947	.954	.962	.976	.991	.000	.999	.991	.981	.975	.023	.933	Feb.
.954	.946	.949	.957	.968	.981	.998	.006	.005	.000	.986	.983	.028	.941	Mar.
.893	.886	.887	.895	.907	.922	.937	.947	.947	.938	.923	.921	.966	.878	Apr.
.884	.877	.880	.889	.900	.912	.923	.933	.935	.927	.913	.909	.945	.874	May.
.932	.923	.923	.928	.940	.956	.967	.976	.972	.962	.948	.952	.987	.914	June.
.910	.900	.897	.901	.911	.925	.939	.949	.949	.942	.931	.924	.959	.887	July.
.901	.891	.886	.892	.901	.916	.931	.944	.945	.939	.925	.920	.957	.878	Aug.
.856	.850	.852	.856	.868	.883	.899	.907	.907	.899	.887	.884	.928	.844	Sept.
.789	.789	.793	.799	.811	.827	.839	.844	.841	.835	.823	.821	.869	.777	Oct.
.842	.842	.850	.861	.874	.890	.900	.904	.902	.890	.880	.876	.923	.833	Nov.
.873	.871	.877	.887	.896	.912	.925	.930	.929	.921	.914	.907	.953	.866	Dec.
.891	.886	.888	.895	.906	.921	.934	.942	.942	.934	.922	.918	.962	.878	Year.

BRIDGETOWN, BARBADOS.

[H = 30 ft.; gravity correction, −.07; local time, 1h 2m fast.]

.880	.877	.880	.891	.904	.917	.927	.929	.928	.925	.918	.917	.965	.873	Jan.
.914	.911	.918	.926	.939	.953	.962	.965	.963	.958	.947	.947	.992	.906	Feb.
.903	.900	.907	.916	.925	.938	.949	.954	.954	.947	.934	.939	.986	.897	Mar.
.865	.860	.864	.875	.887	.899	.909	.917	.919	.915	.905	.903	.942	.858	Apr.
.852	.845	.850	.863	.875	.886	.896	.899	.903	.897	.887	.885	.920	.844	May.
.892	.884	.885	.894	.904	.919	.928	.935	.936	.929	.917	.917	.950	.879	June.
.861	.857	.856	.864	.873	.887	.899	.906	.908	.901	.885	.884	.920	.845	July.
.857	.855	.856	.864	.874	.889	.902	.909	.905	.899	.887	.886	.923	.846	Aug.
.833	.830	.833	.841	.853	.867	.879	.883	.882	.874	.862	.865	.904	.824	Sept.
.786	.785	.788	.797	.810	.827	.841	.842	.841	.832	.819	.821	.865	.779	Oct.
.816	.816	.825	.835	.848	.862	.871	.872	.872	.863	.851	.851	.892	.811	Nov.
.835	.832	.836	.845	.856	.870	.877	.878	.876	.871	.861	.863	.906	.825	Dec.
.858	.854	.858	.868	.879	.893	.903	.907	.907	.901	.889	.890	.930	.849	Year.

CIENFUEGOS, CUBA.

[H = 52 ft.; gravity correction, −.06; local time, 22m slow.]

.951	.937	.938	.946	.955	.969	.984	.998	.005	.005	.999	.983	.045	.924	Jan.
.925	.912	.908	.915	.927	.937	.955	.969	.976	.977	.970	.953	.013	.896	Feb.
.944	.927	.924	.930	.939	.953	.968	.983	.993	.993	.990	.971	.036	.916	Mar.
														Apr.
														May.
														June.
.871	.861	.853	.857	.869	.885	.896	.904	.910	.909	.898	.886	.929	.844	July.
.876	.861	.858	.861	.871	.887	.902	.916	.923	.924	.918	.898	.939	.848	Aug.
.812	.798	.795	.803	.815	.829	.850	.863	.864	.861	.857	.839	.886	.788	Sept.
.798	.790	.788	.797	.813	.829	.848	.861	.864	.861	.853	.836	.886	.781	Oct.
.919	.910	.913	.926	.939	.959	.975	.986	.990	.988	.979	.960	.012	.907	Nov.
.920	.912	.910	.919	.928	.946	.962	.972	.979	.976	.971	.952	.008	.896	Dec.
														Year.

HAVANA, CUBA.

[H=57 ft.; gravity correction, −.05; local time, 29m slow.]

.987	.977	.975	.977	.985	.993	.003	.016	.025	.027	.019	.008	.072	.955	Jan.
.950	.935	.929	.936	.943	.950	.968	.979	.985	.987	.981	.967	.030	.908	Feb.
.973	.958	.949	.948	.953	.964	.978	.991	.000	.004	.998	.985	.052	.923	Mar.
.931	.917	.909	.907	.911	.922	.936	.949	.956	.955	.947	.934	.984	.882	Apr.
.839	.831	.821	.815	.820	.830	.845	.855	.863	.866	.859	.847	.891	.803	May.
.874	.864	.858	.853	.858	.866	.875	.885	.896	.900	.895	.879	.919	.840	June.
.888	.876	.873	.871	.875	.883	.889	.900	.908	.909	.902	.893	.935	.855	July.
.902	.887	.882	.883	.886	.894	.900	.919	.929	.933	.927	.910	.949	.869	Aug.
.826	.807	.804	.810	.815	.826	.837	.857	.865	.862	.857	.841	.888	.794	Sept.
.848	.834	.833	.840	.847	.856	.873	.883	.887	.885	.876	.873	.915	.823	Oct.
.970	.959	.959	.966	.974	.986	.999	.009	.014	.011	.005	.993	.042	.949	Nov.
.950	.941	.938	.943	.953	.963	.976	.989	.997	.998	.991	.975	.033	.920	Dec.
.912	.899	.894	.896	.902	.911	.923	.936	.944	.945	.938	.925	.976	.877	Year.

AVERAGE PRESSURE IN INCHES AND THOUSANDTHS FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KINGSTON, JAMAICA.

[λ = 17° 58′ N.; φ = 76° 48′ W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.683	.665	.651	.650	.655	.664	.683	.700	.716	.713	.697	.674	.639
Feb	29.684	.671	.658	.655	.656	.667	.686	.701	.713	.715	.705	.681	.650
Mar	29.695	.675	.666	.664	.667	.681	.702	.713	.720	.718	.705	.684	.659
Apr	29.637	.619	.609	.609	.615	.626	.645	.656	.661	.657	.647	.628	.607
May	29.611	.595	.586	.586	.592	.604	.624	.625	.626	.620	.608	.595	.579
June	29.638	.621	.611	.607	.608	.612	.631	.641	.642	.643	.635	.627	.612
July	29.618	.601	.594	.594	.595	.604	.615	.622	.629	.629	.623	.611	.596
Aug	29.642	.625	.616	.613	.614	.619	.633	.641	.649	.646	.638	.623	.607
Sept	29.596	.580	.570	.570	.575	.588	.602	.611	.622	.622	.616	.599	.577
Oct	29.561	.547	.536	.533	.537	.549	.563	.575	.585	.584	.572	.550	.525
Nov	29.612	.593	.585	.583	.585	.598	.618	.630	.642	.644	.625	.605	.576
Dec	29.633	.616	.607	.605	.610	.622	.641	.657	.669	.669	.650	.625	.593
Year	29.634	.617	.607	.606	.609	.620	.637	.648	.656	.655	.643	.625	.602

PORT OF SPAIN, TRINIDAD.

[λ = 10° 35′ N.; φ = 61° 30′ W.]

Jan	29.879	.868	.862	.869	.880	.895	.920	.934	.938	.926	.906	.880	.855
Feb	29.900	.893	.888	.895	.908	.924	.945	.957	.959	.948	.923	.899	.873
Mar	29.901	.893	.890	.893	.906	.922	.939	.947	.952	.942	.920	.897	.875
Apr	29.861	.854	.855	.866	.879	.894	.906	.911	.906	.893	.875	.850	.828
May	29.852	.842	.840	.848	.861	.875	.886	.893	.889	.876	.868	.845	.825
June	29.885	.878	.876	.878	.887	.904	.913	.917	.915	.907	.898	.880	.865
July	29.856	.845	.845	.849	.861	.875	.884	.889	.890	.884	.871	.853	.834
Aug	29.862	.853	.850	.854	.865	.880	.894	.902	.904	.895	.883	.862	.843
Sept	29.842	.832	.829	.838	.853	.869	.884	.893	.892	.883	.862	.839	.813
Oct	29.795	.786	.785	.792	.809	.826	.844	.854	.853	.835	.814	.790	.766
Nov	29.806	.795	.793	.800	.815	.835	.854	.866	.864	.846	.823	.799	.779
Dec	29.819	.807	.806	.812	.825	.845	.866	.879	.875	.863	.841	.816	.795
Year	29.855	.846	.843	.850	.862	.879	.895	.904	.903	.892	.874	.851	.829

PUERTO PRINCIPE, CUBA.

[λ = 21° 23′ N.; φ = 77° 56′ W.]

Jan	29.693	.680	.669	.665	.667	.671	.686	.703	.721	.728	.720	.703	.674
Feb	29.672	.659	.650	.645	.646	.659	.673	.688	.700	.710	.706	.688	.658
Mar	29.699	.685	.673	.672	.676	.689	.704	.719	.726	.729	.722	.701	.672
Apr	29.638	.625	.614	.613	.620	.633	.646	.658	.662	.662	.652	.634	.613
May	29.587	.575	.566	.566	.572	.582	.596	.603	.606	.604	.599	.586	.565
June	29.621	.610	.604	.602	.604	.613	.627	.635	.639	.642	.635	.628	.612
July	29.615	.602	.595	.594	.593	.599	.611	.620	.627	.629	.628	.622	.609
Aug	29.633	.620	.611	.606	.608	.614	.624	.635	.641	.645	.644	.633	.620
Sept	29.574	.559	.546	.540	.544	.554	.567	.578	.586	.591	.586	.575	.558
Oct	29.546	.536	.525	.523	.528	.539	.551	.560	.569	.571	.563	.549	.527
Nov	29.651	.639	.631	.629	.631	.642	.656	.668	.681	.688	.677	.662	.636
Dec	29.656	.648	.639	.637	.638	.647	.659	.675	.687	.694	.684	.669	.642
Year	29.632	.620	.610	.608	.611	.620	.633	.645	.654	.658	.651	.638	.616

ROSEAU, DOMINICA.

[λ = 15° 17′ N.; φ = 61° 23′ W.]

Jan	29.921	.912	.908	.910	.916	.932	.950	.970	.973	.966	.947	.923	.906
Feb	29.945	.937	.936	.939	.950	.963	.976	.996	30.002	.997	.977	.955	.936
Mar	29.944	.937	.936	.940	.951	.963	.976	.992	.994	.990	.976	.956	.937
Apr	29.900	.893	.893	.898	.909	.921	.932	.940	.941	.936	.925	.904	.888
May	29.890	.885	.882	.885	.895	.905	.911	.919	.920	.915	.906	.891	.878
June	29.923	.918	.917	.920	.927	.936	.943	.948	.951	.950	.944	.932	.922
July	29.890	.881	.880	.882	.888	.901	.908	.912	.916	.917	.912	.901	.891
Aug	29.897	.890	.888	.892	.897	.907	.916	.923	.928	.927	.919	.906	.893
Sept	29.869	.860	.858	.862	.870	.882	.895	.906	.908	.902	.889	.867	.854
Oct	29.812	.804	.802	.806	.815	.829	.842	.859	.858	.847	.828	.807	.793
Nov	29.853	.844	.842	.844	.854	.868	.883	.903	.904	.896	.875	.852	.837
Dec	29.871	.860	.856	.860	.867	.880	.897	.917	.917	.907	.890	.868	.856
Year	29.893	.885	.883	.886	.895	.907	.919	.932	.934	.929	.916	.897	.883

AVERAGE PRESSURE IN INCHES AND THOUSANDTHS FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KINGSTON, JAMAICA.

[H = 286 ft.; gravity correction, —.06; local time, 7m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.619	.608	.608	.618	.628	.648	.667	.686	.695	.695	.691	.665	.723	.605	Jan.
.630	.612	.610	.620	.632	.649	.673	.689	.700	.699	.695	.669	.722	.609	Feb.
.643	.625	.618	.625	.634	.651	.672	.692	.701	.704	.701	.676	.729	.616	Mar.
.590	.579	.570	.574	.586	.603	.622	.640	.651	.654	.648	.622	.670	.568	Apr.
.569	.558	.550	.550	.561	.580	.596	.615	.626	.629	.624	.596	.639	.544	May.
.604	.597	.590	.586	.593	.611	.626	.644	.655	.657	.652	.623	.672	.578	June.
.585	.577	.569	.569	.575	.591	.605	.623	.635	.639	.632	.605	.652	.563	July.
.590	.577	.575	.579	.585	.599	.614	.640	.654	.656	.648	.620	.668	.566	Aug.
.562	.547	.540	.541	.549	.563	.576	.599	.610	.614	.610	.585	.634	.531	Sept.
.510	.501	.502	.514	.524	.539	.554	.572	.576	.575	.567	.548	.597	.495	Oct.
.564	.559	.559	.568	.580	.603	.618	.635	.639	.637	.627	.604	.654	.556	Nov.
.579	.571	.570	.580	.594	.614	.635	.650	.654	.651	.645	.623	.675	.567	Dec.
.587	.576	.572	.577	.587	.604	.622	.640	.650	.651	.645	.620	.670	.566	Year.

PORT OF SPAIN, TRINIDAD.

[H = 40 ft.; gravity correction, —.07; local time, 54m fast.]

.838	.832	.837	.846	.856	.872	.888	.896	.898	.897	.891	.882	.938	.830	Jan.
.861	.858	.863	.875	.889	.905	.918	.927	.929	.925	.916	.907	.961	.856	Feb.
.859	.850	.853	.865	.880	.894	.907	.919	.925	.921	.909	.902	.953	.847	Mar.
.814	.804	.803	.820	.838	.854	.868	.882	.886	.881	.874	.863	.914	.802	Apr.
.808	.797	.795	.810	.826	.845	.860	.875	.881	.876	.865	.852	.900	.793	May.
.850	.838	.839	.847	.861	.877	.892	.905	.911	.905	.893	.884	.925	.835	June.
.820	.811	.813	.824	.837	.853	.868	.882	.889	.882	.871	.858	.898	.808	July.
.826	.817	.817	.826	.842	.860	.872	.890	.895	.889	.875	.865	.911	.814	Aug.
.797	.792	.794	.803	.821	.839	.854	.869	.872	.864	.852	.845	.897	.790	Sept.
.752	.745	.748	.759	.778	.798	.816	.825	.826	.819	.806	.801	.857	.743	Oct.
.770	.768	.777	.789	.807	.825	.838	.846	.846	.838	.825	.817	.871	.763	Nov.
.783	.779	.786	.797	.809	.828	.841	.849	.846	.843	.833	.827	.881	.776	Dec.
.815	.808	.810	.822	.837	.854	.868	.880	.884	.878	.868	.859	.909	.805	Year.

PUERTO PRINCIPE, CUBA.

[H = 352 ft.; gravity correction, —.06; local time, 12m slow.]

.651	.640	.639	.645	.655	.668	.685	.696	.704	.705	.698	.682	.741	.625	Jan.
.630	.614	.609	.617	.632	.651	.673	.682	.689	.690	.685	.664	.722	.604	Feb.
.645	.633	.623	.630	.650	.667	.687	.702	.712	.714	.703	.685	.748	.616	Mar.
.597	.581	.576	.583	.600	.619	.635	.650	.663	.662	.652	.629	.679	.572	Apr.
.546	.526	.526	.535	.547	.567	.586	.601	.606	.607	.600	.577	.625	.514	May.
.597	.584	.581	.588	.600	.613	.626	.634	.641	.642	.634	.617	.659	.569	June.
.593	.577	.570	.575	.586	.603	.615	.625	.631	.633	.627	.607	.651	.561	July.
.602	.582	.578	.577	.588	.601	.619	.631	.641	.645	.641	.618	.662	.567	Aug.
.539	.525	.518	.527	.538	.554	.567	.582	.589	.587	.581	.561	.608	.507	Sept.
.511	.497	.500	.508	.520	.532	.549	.559	.565	.559	.553	.539	.587	.491	Oct.
.622	.615	.614	.625	.634	.649	.663	.673	.678	.676	.667	.650	.696	.607	Nov.
.621	.615	.617	.625	.636	.648	.663	.674	.682	.676	.669	.654	.703	.603	Dec.
.596	.582	.579	.586	.599	.614	.631	.642	.650	.650	.642	.624	.673	.570	Year.

ROSEAU, DOMINICA.

[H = 25 ft.; gravity correction, —.07; local time, 54m fast.]

.895	.890	.892	.902	.912	.925	.938	.942	.941	.938	.931	.927	.973	.886	Jan.
.923	.921	.923	.932	.944	.959	.974	.977	.977	.973	.962	.957	.004	.918	Feb.
.923	.917	.917	.925	.935	.948	.965	.971	.972	.970	.957	.954	.996	.913	Mar.
.876	.869	.867	.877	.890	.903	.917	.923	.925	.920	.911	.907	.944	.865	Apr.
.867	.858	.857	.864	.876	.889	.904	.911	.915	.912	.905	.893	.926	.855	May.
.910	.903	.901	.905	.915	.926	.938	.945	.947	.941	.929	.929	.962	.895	June.
.879	.872	.869	.873	.883	.897	.911	.919	.921	.917	.906	.897	.928	.859	July.
.880	.873	.871	.876	.887	.900	.914	.922	.925	.920	.908	.902	.938	.862	Aug.
.842	.838	.840	.846	.857	.871	.885	.891	.890	.886	.876	.873	.912	.833	Sept.
.785	.782	.788	.795	.809	.824	.839	.843	.843	.838	.825	.820	.865	.775	Oct.
.829	.829	.834	.843	.855	.872	.885	.889	.889	.884	.872	.864	.907	.823	Nov.
.848	.845	.850	.857	.869	.882	.893	.895	.894	.890	.885	.877	.920	.839	Dec.
.871	.866	.867	.875	.886	.900	.914	.919	.920	.916	.906	.900	.940	.860	Year.

AVERAGE PRESSURE IN INCHES AND THOUSANDTHS FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN JUAN, PORTO RICO.

[λ=18° 27′ N.; φ = 66° 07′ W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan.	29.909	.898	.892	.895	.903	.915	.932	.949	.959	.954	.935	.914	.891
Feb.	29.922	.911	.904	.906	.917	.930	.944	.959	.967	.965	.949	.930	.908
Mar.	29.937	.925	.917	.919	.930	.942	.956	.970	.976	.975	.961	.943	.921
Apr.	29.864	.852	.847	.853	.864	.877	.889	.898	.901	.896	.885	.869	.848
May	29.845	.836	.835	.838	.847	.858	.866	.873	.871	.866	.859	.847	.831
June													
July	29.868	.859	.860	.862	.869	.882	.890	.896	.901	.902	.897	.890	.876
Aug.	29.877	.870	.869	.871	.878	.887	.896	.904	.910	.910	.902	.892	.874
Sept	29.831	.820	.814	.819	.829	.841	.855	.865	.872	.869	.856	.843	.820
Oct	29.770	.762	.755	.756	.765	.777	.790	.801	.811	.807	.788	.773	.750
Nov.	29.818	.810	.808	.808	.817	.830	.848	.864	.869	.865	.847	.828	.807
Dec.	29.869	.862	.857	.858	.866	.878	.896	.914	.917	.912	.901	.874	.855
Year													

SANTIAGO DE CUBA.

[λ=19° 55′ N.; φ = 75° 50′ W.]

Jan.	29.910	.903	.891	.891	.898	.903	.918	.929	.946	.947	.926	.901	.868
Feb.	29.902	.891	.882	.881	.888	.896	.908	.921	.941	.943	.926	.903	.873
Mar.	29.918	.905	.895	.896	.910	.917	.933	.944	.955	.952	.937	.913	.888
Apr.	29.859	.846	.834	.837	.847	.860	.874	.883	.890	.886	.872	.853	.828
May	29.819	.807	.800	.803	.813	.822	.835	.839	.843	.839	.827	.817	.799
June	29.846	.837	.832	.833	.838	.848	.860	.863	.867	.863	.855	.844	.830
July	29.837	.826	.821	.822	.826	.836	.845	.846	.851	.850	.842	.834	.820
Aug.	29.858	.850	.842	.842	.845	.850	.859	.860	.868	.865	.858	.848	.825
Sept	29.817	.805	.797	.798	.803	.811	.821	.831	.841	.841	.828	.811	.791
Oct	29.774	.765	.758	.760	.770	.780	.794	.798	.805	.798	.779	.755	.735
Nov.	29.857	.846	.840	.841	.851	.862	.871	.882	.891	.886	.866	.842	.819
Dec.	29.872	.861	.855	.857	.865	.876	.890	.903	.915	.911	.890	.865	.842
Year	29.856	.845	.837	.838	.846	.855	.867	.875	.884	.882	.867	.849	.826

SANTO DOMINGO, SANTO DOMINGO.

[λ=18° 28′ N.; φ=69° 53′ W.]

Jan.	29.959	.946	.935	.930	.935	.949	.966	.986	1.006	1.004	.990	.966	.936
Feb.	29.950	.938	.929	.928	.939	.956	.974	.990	1.005	1.006	.992	.966	.938
Mar.	29.967	.954	.945	.942	.956	.971	.991	1.006	1.017	1.014	1.003	.981	.956
Apr.													
May													
June													
July	29.893	.884	.880	.880	.886	.903	.914	.922	.924	.921	.911	.896	.882
Aug.	29.902	.891	.887	.888	.895	.908	.922	.932	.934	.930	.921	.904	.888
Sept	29.862	.849	.841	.843	.853	.865	.880	.892	.900	.897	.885	.864	.845
Oct	29.784	.772	.766	.769	.780	.795	.811	.826	.835	.826	.809	.780	.755
Nov.	29.857	.844	.835	.835	.844	.862	.879	.896	.905	.900	.885	.857	.832
Dec.	29.903	.889	.879	.879	.888	.903	.920	.942	.952	.944	.928	.895	.868
Year													

WILLEMSTAD, CURAÇAO.

[λ=12° 06′ N.; φ=68° 56′ W.]

Jan.	29.817	.807	.802	.805	.815	.829	.854	.874	.879	.872	.849	.826	.793
Feb.	29.843	.829	.824	.829	.844	.862	.880	.892	.902	.895	.874	.852	.820
Mar.	29.840	.830	.825	.828	.841	.856	.875	.887	.894	.889	.864	.842	.812
Apr.	29.790	.779	.777	.786	.798	.813	.831	.842	.842	.834	.815	.791	.758
May	29.779	.769	.765	.770	.782	.797	.809	.814	.815	.807	.793	.774	.744
June	29.808	.799	.794	.794	.800	.813	.826	.830	.831	.825	.814	.797	.775
July	29.792	.783	.774	.775	.778	.790	.801	.809	.815	.814	.805	.791	.767
Aug.	29.795	.786	.779	.782	.789	.799	.816	.825	.831	.831	.819	.801	.770
Sept	29.776	.764	.757	.760	.771	.782	.801	.813	.819	.815	.798	.775	.743
Oct	29.734	.721	.716	.718	.731	.748	.767	.779	.788	.782	.760	.736	.702
Nov.	29.750	.738	.735	.738	.754	.774	.796	.810	.816	.810	.789	.766	.737
Dec.	29.780	.768	.757	.762	.771	.782	.803	.819	.827	.823	.806	.785	.755
Year	29.792	.781	.775	.779	.790	.804	.822	.833	.838	.833	.816	.795	.765

AVERAGE PRESSURE IN INCHES AND THOUSANDTHS FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN JUAN, PORTO RICO.

[H=82 ft.; gravity correction, −.06; local time, 36m fast.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
.879	.873	.878	.889	.897	.910	.923	.930	.930	.922	.916	.912	.963	.865	Jan.
.892	.882	.887	.897	.908	.922	.938	.944	.948	.944	.937	.925	.972	.878	Feb.
.905	.894	.895	.903	.916	.932	.948	.955	.959	.956	.946	.937	.981	.890	Mar.
.834	.822	.824	.832	.847	.863	.876	.886	.889	.883	.874	.866	.908	.817	Apr.
.820	.812	.809	.818	.832	.849	.864	.871	.876	.871	.860	.848	.882	.807	May.
														June.
.867	.858	.855	.858	.867	.879	.889	.900	.901	.896	.884	.879	.916	.835	July.
.862	.855	.853	.856	.865	.879	.891	.906	.908	.900	.889	.883	.920	.848	Aug.
.810	.804	.805	.811	.820	.836	.849	.861	.860	.854	.845	.837	.881	.787	Sept.
.739	.738	.741	.747	.755	.772	.784	.792	.791	.783	.777	.772	.819	.729	Oct.
.800	.797	.803	.812	.822	.835	.847	.856	.855	.847	.840	.830	.875	.790	Nov.
.846	.841	.846	.852	.863	.876	.888	.895	.891	.889	.883	.876	.920	.840	Dec.
														Year.

SANTIAGO DE CUBA.

[H=82 ft.; gravity correction, −.06; local time, 3m slow.]

.847	.838	.841	.850	.864	.884	.906	.919	.925	.925	.917	.898	.959	.834	Jan.
.848	.840	.841	.851	.863	.876	.902	.915	.922	.920	.914	.894	.949	.836	Feb.
.873	.858	.856	.864	.878	.895	.914	.928	.936	.935	.929	.910	.966	.851	Mar.
.811	.798	.795	.800	.812	.832	.853	.866	.878	.877	.873	.849	.899	.792	Apr.
.781	.766	.768	.776	.787	.805	.821	.832	.839	.840	.835	.813	.855	.757	May.
.815	.810	.807	.814	.825	.840	.856	.864	.871	.870	.863	.844	.885	.797	June.
.807	.799	.800	.803	.813	.827	.842	.853	.861	.861	.854	.832	.876	.786	July.
.810	.799	.797	.804	.815	.830	.847	.859	.870	.872	.864	.843	.887	.791	Aug.
.774	.766	.766	.771	.780	.798	.816	.832	.838	.834	.827	.808	.857	.754	Sept.
.725	.720	.725	.740	.748	.765	.780	.796	.796	.793	.783	.768	.819	.714	Oct.
.811	.807	.814	.828	.843	.860	.876	.892	.891	.883	.874	.856	.903	.801	Nov.
.828	.828	.832	.844	.857	.875	.889	.899	.901	.898	.887	.873	.921	.821	Dec.
.811	.802	.804	.812	.824	.841	.858	.871	.877	.876	.868	.849	.898	.794	Year.

SANTO DOMINGO, SANTO DOMINGO.

[H=57 ft.; gravity correction, −.06; local time, 20m fast.]

.910	.901	.898	.909	.921	.935	.952	.966	.974	.971	.964	.950	1.012	.892	Jan.
.915	.905	.905	.916	.927	.944	.960	.973	.979	.975	.965	.953	1.010	.897	Feb.
.936	.925	.920	.930	.942	.956	.971	.984	.992	.987	.978	.968	1.022	.914	Mar.
														Apr.
														May.
														June.
.873	.863	.861	.868	.878	.894	.910	.921	.928	.922	.909	.897	.940	.851	July.
.874	.868	.862	.865	.878	.891	.907	.920	.928	.922	.913	.901	.944	.854	Aug.
.830	.822	.817	.824	.833	.847	.864	.876	.883	.878	.869	.859	.908	.809	Sept.
.738	.732	.734	.748	.765	.779	.797	.805	.806	.800	.791	.783	.840	.723	Oct.
.815	.812	.818	.830	.842	.860	.877	.887	.893	.887	.876	.859	.915	.806	Nov.
.854	.847	.853	.865	.878	.895	.914	.925	.927	.921	.914	.899	.955	.845	Dec.
														Year.

WILLEMSTAD, CURAÇAO.

[H=75 ft.; gravity correction, −.07; local time, 24m fast.]

.772	.760	.761	.769	.780	.798	.822	.837	.842	.838	.832	.818	.881	.757	Jan.
.798	.788	.791	.800	.812	.831	.850	.866	.870	.870	.862	.845	.904	.785	Feb.
.790	.776	.774	.782	.796	.818	.839	.855	.862	.864	.854	.837	.898	.773	Mar.
.738	.718	.712	.719	.734	.759	.780	.803	.813	.811	.803	.785	.847	.710	Apr.
.719	.699	.694	.704	.723	.751	.771	.788	.803	.804	.795	.769	.823	.691	May.
.752	.734	.727	.730	.746	.773	.797	.812	.824	.829	.823	.794	.845	.723	June.
.747	.728	.717	.721	.736	.760	.781	.801	.811	.815	.807	.780	.827	.714	July.
.749	.727	.720	.726	.742	.765	.784	.805	.815	.815	.809	.787	.838	.716	Aug.
.723	.703	.698	.706	.721	.747	.766	.788	.795	.795	.787	.767	.823	.696	Sept.
.681	.666	.665	.672	.685	.712	.734	.751	.758	.755	.745	.730	.792	.662	Oct.
.718	.708	.711	.720	.733	.756	.772	.787	.787	.781	.772	.761	.823	.705	Nov.
.735	.726	.725	.733	.742	.761	.778	.795	.801	.799	.795	.776	.829	.723	Dec.
.744	.728	.725	.732	.746	.769	.790	.807	.815	.815	.807	.787	.844	.721	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BASSETERRE, ST. KITTS.

[λ=17° 18′ N.; φ=62° 48′ W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	74.7	74.7	74.6	74.7	74.6	74.8	77.0	78.3	79.4	80.4	80.9	80.5	80.1
Feb	73.8	73.6	73.2	73.0	73.2	73.6	77.4	78.2	79.7	80.9	81.1	81.2	81.1
Mar	74.9	74.7	74.4	74.4	74.3	75.3	77.7	79.0	80.2	81.3	81.5	81.6	81.5
Apr	76.2	76.1	76.2	75.9	75.7	77.6	79.4	80.6	81.8	82.5	83.3	83.3	83.2
May	78.0	78.0	77.7	77.7	77.5	79.3	81.0	81.9	82.8	83.1	83.8	83.9	84.2
June	78.1	77.9	77.9	77.7	78.0	79.0	80.1	82.0	82.2	82.9	82.7	83.3	83.1
July	78.6	78.7	78.6	78.6	78.8	79.7	80.8	82.1	82.8	83.4	83.7	83.9	83.1
Aug	79.7	79.8	79.7	79.7	79.5	80.2	81.4	82.5	84.0	84.9	85.1	85.1	85.1
Sept	78.6	78.6	78.3	78.3	78.1	79.2	81.7	83.1	84.3	84.4	84.6	85.4	84.9
Oct	77.7	77.4	77.4	77.4	77.6	79.2	81.6	83.0	84.4	84.6	84.8	84.5	84.7
Nov	77.3	77.2	77.1	76.9	76.6	78.1	80.1	81.2	81.7	82.3	82.6	82.6	82.2
Dec	75.6	75.4	75.3	75.4	75.5	75.7	77.6	79.5	80.2	81.2	81.2	81.2	81.1
Year	76.9	76.8	76.7	76.6	76.6	77.6	79.6	81.0	82.0	82.7	82.9	83.0	82.9

BRIDGETOWN, BARBADOS.

[λ=13° 04′ N.; φ=59° 37′ W.]

Jan	74.5	74.0	73.7	73.6	73.6	74.7	78.1	80.5	81.9	82.9	83.3	83.0	82.7
Feb	72.6	72.5	72.1	72.0	71.9	73.5	77.5	80.1	81.9	82.2	83.2	83.4	83.1
Mar	73.7	73.4	73.3	73.3	73.6	76.1	78.6	80.5	82.3	83.1	83.7	83.7	83.0
Apr	73.8	73.2	72.9	72.7	73.6	77.4	80.3	82.1	83.6	84.4	84.5	84.5	84.0
May	76.6	76.2	76.0	75.8	76.7	80.2	82.0	83.4	84.8	85.6	86.0	85.6	85.3
June	77.0	76.6	76.5	76.6	77.1	79.4	81.6	82.7	83.9	84.7	85.0	84.6	84.2
July	76.6	76.3	76.1	76.3	76.5	79.2	81.0	82.1	83.2	83.8	84.2	84.8	84.1
Aug	77.0	76.5	76.5	76.2	76.8	79.7	81.4	83.3	85.2	85.6	85.7	85.6	84.8
Sept	77.4	76.9	77.1	76.9	77.5	80.4	82.7	84.2	85.1	85.0	86.0	85.6	85.2
Oct	76.5	76.1	75.9	75.8	76.4	79.5	82.7	84.0	85.3	85.4	85.4	84.7	84.6
Nov	76.8	76.4	76.1	76.1	76.4	79.4	82.3	83.7	84.6	85.2	85.9	85.8	85.2
Dec	74.9	74.8	74.7	74.8	75.0	76.4	80.0	81.3	82.8	83.1	83.5	83.5	83.0
Year	75.6	75.2	75.1	75.0	75.4	78.0	80.7	82.3	83.7	84.2	84.7	84.6	84.1

CIENFUEGOS, CUBA.

[λ = 22° 11′ N.; φ = 80° 33′ W.]

Jan	64.4	63.2	62.6	61.9	61.5	61.4	61.0	63.7	68.0	72.5	75.3	77.0	78.2
Feb	65.8	65.0	64.6	64.1	63.3	63.1	62.9	65.7	69.6	73.2	76.2	77.6	78.1
Mar	67.5	66.5	66.1	65.5	65.0	65.0	65.3	69.7	73.4	76.3	78.5	80.1	80.9
Apr													
May													
June													
July	75.1	74.5	74.3	73.9	73.6	73.8	75.3	78.6	81.7	83.7	85.6	87.0	86.9
Aug	75.4	74.9	74.5	74.2	73.9	73.5	74.8	78.5	82.4	84.5	86.2	87.1	88.1
Sept	75.1	74.9	74.5	74.2	74.0	73.9	74.7	76.9	80.1	81.8	83.0	84.2	84.3
Oct	73.6	73.3	72.7	72.4	72.2	72.1	72.5	75.5	79.1	81.5	83.4	84.6	84.9
Nov	65.1	64.7	64.2	63.8	63.5	63.3	63.5	66.3	71.4	74.9	77.0	78.7	79.9
Dec	67.2	67.1	66.5	66.3	66.0	66.0	65.8	67.0	70.3	72.9	74.8	76.1	77.1
Year													

HAVANA, CUBA.

[λ = 23° 09′ N.; φ = 82° 21′ W.]

Jan	67.7	66.8	66.3	65.9	65.6	65.4	65.7	66.6	68.7	71.6	73.0	74.1	74.5
Feb	68.7	67.7	67.2	66.6	66.1	66.0	65.7	66.6	69.0	72.0	74.2	75.5	76.2
Mar	68.5	68.1	67.8	67.6	67.3	67.3	67.3	68.8	72.0	74.3	75.6	76.5	77.3
Apr	70.2	69.4	68.7	68.0	67.1	67.0	67.7	70.4	73.6	75.3	76.5	77.0	77.3
May	72.6	71.7	71.0	70.2	69.6	69.5	71.0	74.2	78.3	80.5	81.4	81.2	81.0
June	76.7	76.1	75.6	75.3	75.0	74.5	76.5	78.9	81.4	83.2	83.9	83.9	83.7
July	76.3	75.7	75.5	75.4	74.8	74.7	76.5	79.1	82.3	84.0	85.3	85.1	84.0
Aug	77.3	76.8	76.4	75.9	75.6	75.3	76.7	78.9	82.4	84.6	84.8	85.6	85.8
Sept	76.6	76.3	76.0	75.6	75.3	75.1	76.0	78.1	80.9	83.0	84.3	85.1	84.7
Oct	77.0	76.4	76.0	76.0	75.9	75.8	76.3	77.6	79.8	80.8	81.8	82.2	82.6
Nov	69.4	68.6	68.2	67.8	67.5	67.5	67.9	69.6	72.2	74.5	75.3	75.7	75.9
Dec	67.2	66.7	66.2	65.9	65.7	65.4	66.0	66.8	69.4	72.4	73.8	74.5	74.7
Year	72.4	71.7	71.2	70.8	70.5	70.3	71.1	73.0	75.8	78.0	79.2	79.7	79.8

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BASSETERRE, ST. KITTS.

[h_t=41 ft.; local time, 49m fast.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
80.0	79.4	78.4	77.0	76.0	75.7	75.5	75.2	75.1	75.1	74.8	77.0	82.1	72.5	Jan.
80.5	80.0	78.6	77.4	76.1	75.3	75.2	75.2	74.9	74.7	74.1	76.8	82.4	71.3	Feb.
81.4	80.7	79.6	78.2	76.8	76.3	76.4	75.6	75.5	75.4	75.1	77.6	82.8	72.7	Mar.
82.8	82.2	81.3	80.0	78.7	77.9	77.8	77.2	77.1	76.9	76.6	79.2	84.6	74.3	Apr.
83.7	83.0	82.2	80.6	79.7	79.3	79.4	79.2	78.9	78.8	78.4	80.5	85.4	76.0	May.
82.8	81.7	81.0	80.1	79.5	79.2	79.5	79.1	78.9	78.4	78.0	80.1	84.7	74.7	June.
82.5	82.4	81.3	80.6	79.8	79.6	79.6	79.3	79.4	79.0	78.6	80.6	85.2	75.8	July.
84.9	84.4	83.6	81.8	81.0	80.9	80.9	80.4	80.2	80.0	79.8	81.9	86.6	76.5	Aug.
84.7	83.8	83.1	81.6	80.7	80.0	79.7	79.5	79.6	79.4	78.7	81.3	86.7	75.9	Sept.
84.3	83.2	82.1	80.1	78.8	78.3	78.4	77.8	78.2	78.6	78.0	80.5	86.4	74.9	Oct.
81.9	80.9	79.6	78.4	77.8	77.6	77.8	77.3	77.8	77.6	77.4	79.2	84.3	74.9	Nov.
80.5	79.7	78.4	77.2	77.1	76.8	76.8	76.6	76.4	76.0	75.8	77.8	82.8	73.1	Dec.
82.5	81.8	80.8	79.4	78.5	78.1	78.1	77.7	77.7	77.5	77.1	79.4	84.5	74.4	Year.

BRIDGETOWN, BARBADOS.

[h_t=57 ft.; local time, 1h 2m fast.]

82.1	81.3	80.2	78.5	77.4	76.6	76.3	75.4	75.3	75.1	74.6	77.9	83.9	71.6	Jan.
82.2	80.9	80.0	78.3	76.9	75.7	75.5	74.8	74.3	73.9	73.2	77.2	84.2	70.4	Feb.
82.4	81.5	80.3	78.6	77.4	76.7	76.3	75.8	75.5	75.1	74.7	78.0	84.5	72.5	Mar.
83.2	82.7	81.7	79.8	78.6	77.5	76.9	76.1	75.6	75.0	74.4	78.7	85.3	71.8	Apr.
84.6	83.9	82.8	81.4	80.4	79.5	79.4	78.9	78.4	77.8	77.2	80.8	86.6	75.1	May.
83.6	82.1	81.4	80.2	79.4	78.7	78.5	78.4	78.3	77.6	77.5	80.2	85.8	74.7	June.
83.4	82.9	82.2	80.6	79.4	78.9	78.9	78.5	78.3	77.7	77.6	80.1	85.9	74.8	July.
84.3	83.5	82.8	81.3	80.3	79.3	79.0	78.3	77.9	77.8	77.5	80.7	86.8	74.4	Aug.
84.6	84.1	83.3	82.0	81.0	79.8	79.3	79.1	79.1	78.7	78.3	81.2	87.2	75.1	Sept.
84.4	83.9	82.8	81.4	80.6	79.6	79.2	78.7	78.1	77.8	77.3	80.7	86.6	74.5	Oct.
84.6	83.5	82.0	80.7	79.9	79.3	79.3	78.9	78.3	78.0	77.6	80.8	86.4	75.1	Nov.
82.3	81.4	80.0	78.4	77.7	77.4	77.3	76.9	76.6	76.0	75.5	78.6	84.2	73.6	Dec.
83.5	82.6	81.6	80.1	79.1	78.2	78.0	77.5	77.1	76.7	76.3	79.6	85.6	73.6	Year.

CIENFUEGOS, CUBA.

[h_t=62 ft.; local time, 22m slow.]

78.5	78.7	77.8	75.6	73.6	71.5	69.9	68.4	67.4	65.8	65.1	69.3	80.0	59.8	Jan.
78.6	78.9	77.8	76.9	74.7	72.9	71.5	70.3	69.3	67.6	66.5	70.6	80.0	61.5	Feb.
80.4	80.5	79.5	77.9	75.6	73.7	72.7	71.4	70.5	69.3	68.5	72.5	82.1	63.4	Mar.
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	Apr.
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	May.
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	June.
86.8	86.0	84.8	83.8	82.2	79.5	78.1	76.9	76.3	75.7	75.4	79.6	88.8	72.9	July.
87.9	87.4	85.5	83.8	81.7	80.0	78.9	77.9	76.8	76.4	75.7	80.0	89.3	73.2	Aug.
84.0	83.7	82.7	81.7	79.9	78.5	77.4	77.0	76.5	75.8	75.2	78.5	86.2	73.0	Sept.
84.8	84.1	83.9	82.6	80.2	78.1	76.6	75.5	74.9	74.4	73.7	77.8	86.3	71.8	Oct.
80.1	79.8	78.9	77.0	73.8	71.2	69.3	67.9	67.0	66.2	65.5	70.5	81.1	62.4	Nov.
77.5	77.3	76.4	75.1	72.8	70.6	69.5	68.6	68.2	67.5	67.3	70.6	78.7	64.5	Dec.
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	Year.

HAVANA, CUBA.

[h_t=87 ft.; local time, 29m slow.]

74.3	74.3	74.1	73.1	71.9	70.7	70.2	69.9	69.1	68.6	68.0	69.8	76.2	64.0	Jan.
76.5	76.5	75.7	74.6	73.1	71.6	71.0	70.4	70.0	69.3	69.0	70.8	78.2	64.6	Feb.
77.3	77.3	77.2	76.4	75.3	73.6	72.6	71.6	71.0	69.7	69.2	72.1	79.3	65.3	Mar.
77.4	77.4	77.1	76.5	75.7	74.5	73.4	72.7	72.1	71.6	70.9	72.8	78.5	66.0	Apr.
81.2	80.9	80.7	80.4	79.0	77.8	76.9	76.0	75.3	74.6	74.0	76.2	83.4	68.7	May.
84.0	82.9	82.1	81.9	81.4	80.6	79.7	79.0	78.5	78.0	77.4	79.6	86.0	74.1	June.
83.8	83.0	82.3	81.9	80.5	79.6	79.1	78.3	78.0	77.4	76.9	79.6	86.8	74.0	July.
86.0	84.8	83.5	82.5	81.0	80.7	80.2	79.5	79.1	78.8	78.1	80.4	87.7	74.3	Aug.
84.2	83.9	83.1	81.4	80.1	79.4	79.4	78.3	78.0	77.5	77.1	79.6	86.6	74.2	Sept.
82.2	82.0	80.9	80.5	79.5	79.0	79.0	78.8	78.4	77.8	77.2	78.9	83.2	74.0	Oct.
76.9	75.8	75.2	74.5	73.0	72.4	72.1	71.6	70.8	70.3	69.7	71.7	77.1	66.0	Nov.
74.3	73.9	73.5	72.7	71.4	70.7	70.5	69.5	68.4	68.1	67.6	69.8	76.5	63.7	Dec.
79.8	79.4	78.8	78.0	76.8	75.9	75.3	74.6	74.1	73.5	72.9	75.1	81.6	69.1	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KINGSTON, JAMAICA.

[λ = 17° 58′ N.; φ = 76° 48′ W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	69.2	68.6	68.5	68.2	67.7	67.7	67.4	71.3	76.9	79.8	81.8	82.1	82.6
Feb	70.0	69.6	69.3	69.2	69.1	68.8	68.9	73.1	78.3	80.5	82.0	82.6	82.9
Mar	71.0	70.2	69.8	69.7	69.7	69.7	70.3	75.2	79.3	82.1	83.2	83.0	83.0
Apr	72.6	71.9	71.5	71.0	70.6	70.4	73.3	77.8	81.1	82.9	83.5	83.6	83.8
May	74.1	73.4	73.3	72.7	72.8	72.5	76.2	80.7	83.3	84.8	85.5	85.6	85.0
June	74.3	73.9	73.6	73.7	73.5	73.3	76.0	79.8	82.2	84.1	85.0	85.2	84.3
July	74.2	74.0	73.7	73.4	73.3	73.1	75.2	79.0	82.1	84.6	84.7	85.1	84.8
Aug	74.3	73.7	73.6	73.4	73.4	73.3	75.3	78.6	82.6	84.9	86.0	86.4	85.5
Sept	74.6	74.2	74.0	73.7	73.3	73.1	75.1	78.2	81.8	83.4	84.0	84.2	84.1
Oct	73.8	73.3	73.0	72.7	72.7	72.5	74.2	78.2	82.6	84.5	85.0	85.0	83.6
Nov	72.5	72.2	72.3	72.0	71.9	71.5	72.6	76.9	80.1	81.7	82.9	83.3	83.2
Dec	71.3	70.7	70.6	70.9	70.6	70.2	70.9	74.5	78.6	81.4	82.6	82.7	82.9
Year	72.7	72.1	71.9	71.7	71.6	71.3	73.0	76.9	80.7	82.9	83.8	84.1	83.8

PORT OF SPAIN, TRINIDAD.

[λ = 10° 35′ N.; φ = 61° 30′ W.]

Jan	72.9	72.7	72.4	72.2	71.9	72.2	75.6	78.5	81.8	83.1	84.1	84.8	84.6
Feb	72.0	71.7	71.8	71.1	70.7	71.9	75.9	78.4	82.5	83.8	85.0	85.2	85.5
Mar	73.0	72.3	72.1	72.1	71.7	73.3	77.1	79.2	82.2	83.3	83.9	83.6	84.0
Apr	73.1	72.6	72.0	71.6	71.9	74.7	79.1	81.2	85.1	86.5	87.2	86.8	87.0
May	75.2	74.6	74.5	74.2	74.1	76.8	79.5	81.4	83.1	84.2	84.0	83.8	84.3
June	75.3	74.9	74.7	74.8	74.5	76.5	78.6	79.9	82.6	82.4	82.3	82.2	82.6
July	75.3	75.0	74.8	74.7	74.5	76.5	79.7	81.2	83.1	83.8	84.3	84.5	83.3
Aug	74.6	74.4	74.2	74.1	73.9	75.8	79.1	80.5	82.4	82.8	81.5	82.4	82.5
Sept	76.0	75.4	75.2	74.9	74.6	76.7	80.1	81.9	84.4	85.0	84.9	84.5	84.8
Oct	76.2	75.9	75.6	75.3	75.4	78.0	81.3	82.5	84.7	85.6	84.6	84.1	84.8
Nov	75.0	74.8	74.6	74.3	74.3	76.0	79.8	81.5	83.6	84.6	84.8	84.1	83.7
Dec	73.8	73.3	73.4	72.9	72.8	74.1	77.4	78.7	81.4	81.8	82.1	82.5	81.6
Year	74.4	74.0	73.8	73.5	73.4	75.2	78.6	80.4	83.1	83.9	84.1	84.0	84.1

PUERTO PRINCIPE, CUBA.

[λ = 21° 23′ N.; φ = 77° 56′ W.]

Jan	64.0	62.8	62.3	61.6	61.4	60.8	60.6	62.8	67.0	72.3	74.8	77.3	78.8
Feb	65.6	64.3	63.2	63.1	62.5	62.5	62.8	65.0	69.7	74.0	77.1	80.0	81.7
Mar	67.2	66.3	65.6	64.8	64.4	64.4	64.8	69.9	73.4	76.6	78.8	81.7	83.7
Apr	67.2	65.8	64.9	64.1	63.6	63.3	64.6	72.2	75.3	78.2	80.7	83.7	85.3
May	70.3	69.2	68.5	68.1	67.8	67.6	70.0	76.3	78.8	82.3	84.8	87.0	87.8
June	73.5	73.2	72.9	72.8	72.8	72.8	74.6	77.8	79.5	81.8	84.3	86.2	86.8
July	73.3	72.9	72.6	72.4	72.3	72.3	73.8	77.4	80.0	82.6	84.6	86.3	87.1
Aug	74.5	73.4	73.1	72.7	72.5	72.4	73.4	77.8	80.7	83.1	84.8	87.3	88.4
Sept	74.2	73.6	73.4	73.0	72.8	72.7	73.4	77.0	79.3	81.7	83.9	85.4	86.3
Oct	72.7	72.0	71.4	71.2	71.1	70.9	71.5	75.5	78.5	81.0	82.8	83.7	84.0
Nov	66.4	65.7	65.3	65.1	64.8	64.9	65.0	69.1	73.3	75.8	77.6	78.8	79.9
Dec	67.8	67.3	66.7	66.3	66.2	66.0	66.1	68.2	71.5	74.5	76.5	78.2	78.7
Year	69.7	68.9	68.3	67.9	67.7	67.6	68.4	72.4	75.6	78.7	80.9	83.0	84.0

ROSEAU, DOMINICA.

[λ = 15° 17′ N.; φ = 61° 23′ W.]

Jan	73.6	73.4	73.2	73.1	73.1	73.5	75.6	78.5	80.4	81.6	82.1	82.4	82.1
Feb	72.6	72.1	71.9	71.7	71.9	72.1	75.2	78.5	80.3	82.0	82.6	83.1	82.7
Mar	73.9	73.9	73.5	73.4	73.4	73.6	75.8	78.6	80.3	81.7	82.1	82.6	83.2
Apr	74.6	74.2	73.8	73.3	73.9	75.3	79.6	81.5	83.6	84.3	84.7	85.2	85.4
May	76.8	76.4	76.0	76.0	75.9	78.2	81.3	82.3	84.2	85.5	85.6	86.4	85.4
June	77.3	77.0	77.1	76.4	76.4	77.6	80.0	81.9	83.5	84.8	84.5	84.5	84.7
July	76.3	76.3	76.1	75.9	75.9	76.3	79.0	81.7	82.6	83.6	84.2	84.6	84.1
Aug	76.9	76.5	76.4	76.4	76.3	77.3	80.9	82.5	84.2	85.2	85.8	85.9	85.8
Sept	77.5	77.2	77.1	76.8	76.5	77.3	80.9	82.9	84.1	84.8	85.2	85.5	85.4
Oct	76.9	76.9	76.5	76.4	76.3	77.5	81.6	83.4	85.2	85.8	86.1	86.3	86.2
Nov	75.9	75.5	75.5	75.0	75.0	76.0	79.3	81.8	83.0	84.0	84.5	84.4	84.3
Dec	74.7	74.4	74.5	74.5	74.4	74.9	77.9	80.0	81.8	82.6	82.7	83.1	83.1
Year	75.6	75.3	75.1	74.9	74.9	75.8	78.9	81.1	82.8	83.8	84.2	84.5	84.4

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KINGSTON, JAMAICA.

[h_t=38 ft.; local time, 7m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Midn.	Mean.	Mean max.	Mean min.	1901.
81.8	81.4	80.4	78.8	76.3	73.8	72.7	71.6	71.1	70.5	69.5	74.2	83.9	66.0	Jan.
82.1	82.2	81.6	80.4	78.5	75.9	74.4	72.6	71.7	71.0	70.4	75.2	84.5	66.9	Feb.
82.2	82.3	81.5	80.4	79.0	76.8	75.4	74.0	72.6	72.0	71.3	76.0	85.4	68.2	Mar.
83.5	82.8	82.6	81.0	79.6	77.9	76.9	75.7	74.8	74.0	73.2	77.3	85.9	69.9	Apr.
84.5	83.4	82.5	81.6	80.5	78.9	78.2	77.3	76.3	75.7	74.6	78.9	87.4	71.5	May.
84.0	82.4	82.1	81.4	80.6	79.0	77.7	76.4	75.7	75.0	74.3	78.6	87.5	72.1	June.
83.6	83.1	82.7	82.7	81.2	79.6	78.3	76.8	75.9	75.4	74.8	78.8	87.0	72.2	July.
84.5	83.1	82.0	81.5	80.2	78.9	77.9	76.7	75.7	75.1	74.5	78.8	87.9	72.0	Aug.
83.4	82.3	81.3	80.5	79.3	77.5	76.9	76.1	75.5	75.2	74.7	78.2	86.0	71.7	Sept.
83.0	82.4	80.9	79.4	77.1	76.4	76.0	75.1	74.7	74.3	73.8	77.7	86.4	71.4	Oct.
82.1	81.4	80.6	79.0	76.1	75.4	75.0	74.1	73.6	73.0	72.7	76.5	85.1	70.1	Nov.
82.2	81.3	80.6	78.9	76.0	74.9	74.4	73.5	72.7	72.0	71.8	75.7	84.7	69.1	Dec.
83.1	82.3	81.6	80.5	78.7	77.1	76.2	75.0	74.2	73.6	73.0	77.2	86.0	70.1	Year.

PORT OF SPAIN, TRINIDAD.

[h_t=65 ft.; local time, 54m fast.]

84.2	82.8	81.5	79.1	77.2	76.2	75.7	74.9	74.2	73.5	73.0	77.5	85.7	70.7	Jan.
84.8	83.9	82.3	79.6	77.4	76.5	76.0	74.9	74.2	73.4	72.8	77.5	86.6	69.9	Feb.
83.2	82.8	81.4	79.4	77.3	76.2	76.0	75.1	74.5	74.0	73.3	77.5	85.5	70.8	Mar.
86.8	85.9	84.0	81.3	78.8	77.5	77.4	76.5	75.4	74.5	73.7	79.2	88.7	70.9	Apr.
83.8	83.7	82.7	81.3	79.3	78.3	78.0	77.2	76.6	76.2	75.6	79.3	87.0	73.2	May.
82.3	82.0	81.3	80.3	78.6	78.1	77.8	76.8	76.5	76.0	75.7	78.6	85.9	73.5	June.
83.7	82.7	81.9	81.0	79.5	78.6	78.2	77.2	76.6	76.0	75.6	79.2	87.2	73.5	July.
82.6	82.3	81.7	80.6	79.2	78.0	77.5	76.6	76.0	75.4	75.0	78.5	86.3	73.0	Aug.
84.2	84.2	83.6	81.6	79.8	79.1	78.5	77.9	77.6	77.0	76.4	79.9	87.7	73.9	Sept.
84.5	84.5	83.1	81.2	79.5	78.9	78.5	77.8	77.4	77.1	76.5	80.1	88.4	74.0	Oct.
83.6	83.2	81.6	79.5	78.5	77.7	77.6	76.7	76.1	75.5	75.1	79.0	87.3	73.3	Nov.
80.9	80.1	79.5	78.0	76.8	75.9	75.9	75.1	74.5	74.3	73.9	77.1	85.1	71.9	Dec.
83.7	83.2	82.0	80.2	78.5	77.6	77.3	76.4	75.8	75.2	74.7	78.6	86.8	72.4	Year.

PUERTO PRINCIPE, CUBA.

[h_t = 55 ft.; local time, 12m slow.]

79.5	79.4	78.2	77.3	74.8	71.3	68.4	66.9	66.0	65.2	64.3	69.1	80.5	58.9	Jan.
83.1	83.5	82.5	81.1	78.1	74.4	71.5	70.0	68.5	67.6	66.5	71.6	84.6	60.8	Feb.
84.8	85.1	82.9	81.3	78.2	75.3	72.6	71.4	70.4	69.3	68.4	73.4	86.1	63.2	Mar.
86.3	86.5	84.5	82.6	80.2	76.6	73.8	72.0	70.5	69.0	67.6	74.1	87.5	62.2	Apr.
88.8	87.7	84.2	82.1	80.4	77.6	75.7	74.5	73.4	72.7	71.7	77.0	91.0	66.7	May.
86.2	84.5	83.6	80.8	78.5	76.8	75.9	75.0	74.6	74.3	74.0	78.0	88.6	71.7	June.
87.5	85.9	84.6	81.4	79.2	77.3	76.2	75.0	74.6	74.1	73.6	78.2	89.2	71.1	July.
89.1	87.3	86.2	84.7	82.6	80.3	78.1	77.2	76.5	75.8	75.2	79.5	90.5	71.6	Aug.
86.6	85.0	83.3	80.9	78.6	77.3	76.4	75.8	75.5	75.2	74.5	78.2	88.2	71.9	Sept.
83.7	83.0	81.5	80.6	78.1	76.2	75.2	74.5	74.0	73.5	73.0	76.7	85.8	70.4	Oct.
79.6	78.9	78.1	76.3	73.4	71.0	69.5	68.7	68.1	67.5	66.4	71.2	80.7	63.5	Nov.
79.1	78.7	77.8	76.3	73.9	71.5	70.0	69.4	68.6	68.4	67.7	71.5	80.2	64.3	Dec.
84.5	83.8	82.3	80.4	78.0	75.5	73.6	72.5	71.7	71.0	70.2	74.9	86.1	66.4	Year.

ROSEAU, DOMINICA.

[h_t = 37 ft.; local time, 54m fast.]

81.8	81.5	80.5	78.3	76.7	75.8	75.5	74.9	74.7	74.5	74.0	77.1	83.9	71.8	Jan.
82.2	81.8	80.9	79.4	76.9	75.1	74.5	74.0	73.3	73.1	72.7	76.7	84.6	70.4	Feb.
82.4	81.9	81.0	79.7	77.6	76.5	75.8	75.6	75.3	75.1	74.7	77.6	84.7	71.9	Mar.
85.3	84.8	83.8	82.0	79.8	78.6	77.4	76.8	76.3	75.7	75.1	79.4	86.8	72.6	Apr.
85.6	85.0	84.3	83.1	81.0	80.1	79.3	78.5	77.8	77.6	77.1	80.8	87.9	74.5	May.
83.9	83.6	82.7	81.5	79.9	79.0	78.4	78.5	78.3	77.8	77.7	80.3	86.8	74.6	June.
84.6	83.6	83.0	82.1	80.5	79.0	78.3	77.9	77.6	77.2	76.9	79.9	86.7	74.0	July.
85.3	84.2	83.8	82.4	80.5	79.2	78.5	78.2	77.8	77.4	77.5	80.6	88.1	74.7	Aug.
85.7	84.8	84.3	82.5	80.5	79.6	78.7	78.7	78.2	78.1	77.6	80.8	87.2	75.3	Sept.
85.4	84.8	83.5	81.1	79.5	78.5	78.0	77.7	78.0	77.6	77.4	80.7	87.7	75.3	Oct.
84.4	83.9	82.1	79.4	78.4	77.2	76.9	76.5	76.1	76.2	76.1	79.2	86.7	73.8	Nov.
82.7	81.5	80.0	77.9	76.7	76.3	76.3	76.0	75.9	75.4	75.3	78.0	84.9	72.8	Dec.
84.1	83.4	82.5	80.8	79.0	77.9	77.3	76.9	76.6	76.3	76.0	79.3	86.3	73.5	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN JUAN, PORTO RICO.

[λ=18° 29′ N.; φ=66° 07′ W.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	72.7	72.0	71.9	72.0	71.7	72.0	73.3	74.7	78.0	79.6	80.4	80.5	80.1
Feb	72.8	72.6	72.1	71.8	71.5	71.7	73.5	76.0	79.4	81.1	81.3	81.7	81.8
Mar	72.8	72.6	72.4	72.5	72.3	72.7	74.6	76.9	79.6	80.2	80.9	81.6	81.2
Apr	74.3	73.9	73.4	73.3	72.9	74.1	76.5	79.2	81.2	82.0	82.7	82.5	83.2
May	75.9	75.7	75.2	75.0	74.8	76.6	79.1	81.2	83.7	83.8	84.0	83.9	83.7
June	77.0	76.5	76.1	75.8	75.6	76.8	79.5	81.6	82.9	83.1	83.6	83.8	84.1
July	77.0	76.8	76.5	76.4	76.3	76.7	78.4	79.6	81.5	82.0	82.9	83.2	83.1
Aug	77.7	77.2	77.0	76.6	76.6	76.9	79.1	81.2	83.3	84.4	84.9	84.7	84.5
Sept	77.5	77.1	76.9	76.6	76.4	76.9	78.9	81.1	84.2	84.8	85.3	85.8	85.2
Oct	76.2	75.8	75.5	75.2	75.1	75.4	77.6	80.2	83.6	83.9	84.3	83.2	83.6
Nov	74.7	74.0	73.8	73.6	73.6	73.9	76.0	78.1	81.3	82.2	82.4	82.4	82.3
Dec	73.6	73.3	73.1	72.9	72.9	72.9	74.1	76.2	79.4	80.5	80.7	81.2	81.3
Year	75.2	74.8	74.5	74.3	74.1	74.7	76.7	78.8	81.5	82.3	82.8	82.9	82.8

SANTIAGO DE CUBA.

[λ=19° 55′ N.; φ=75° 50′ W.]

Jan	69.1	68.4	67.6	67.2	66.9	66.5	66.9	69.5	75.2	78.3	81.4	82.5	83.1
Feb	70.5	69.6	69.0	68.6	68.1	67.7	68.9	71.2	76.7	79.6	82.9	83.8	84.5
Mar	71.5	70.7	70.2	69.6	69.4	69.0	70.9	73.4	78.5	81.3	83.6	84.5	84.7
Apr	72.5	71.9	71.4	70.8	70.3	70.0	72.7	75.2	79.9	82.4	85.1	86.2	86.6
May	74.1	73.6	72.9	72.4	72.1	72.2	76.1	79.1	82.7	84.8	86.5	86.9	87.1
June	76.5	75.9	75.2	74.7	74.4	74.8	78.1	80.9	84.7	86.4	87.8	88.1	87.9
July	75.5	74.9	74.5	74.2	74.0	74.0	77.2	80.0	83.9	86.5	88.0	88.5	88.
Aug	76.1	75.5	75.0	74.6	74.3	74.5	77.2	79.7	84.6	87.1	89.0	89.8	90.2
Sept	75.2	75.0	74.6	74.2	74.0	74.2	76.2	79.1	83.2	84.8	86.0	86.2	85.7
Oct	74.3	73.9	73.7	73.2	72.9	73.1	75.0	77.4	81.0	83.1	84.5	84.8	85.3
Nov	70.8	70.5	70.0	69.7	69.4	69.6	71.6	73.6	77.3	79.4	81.1	81.6	81.9
Dec	70.6	70.0	69.8	69.5	69.2	69.0	70.3	72.1	76.3	78.9	80.8	81.5	81.2
Year	73.1	72.5	72.0	71.6	71.2	71.2	73.4	75.9	80.3	82.7	84.7	85.4	85.5

SANTO DOMINGO, SANTO DOMINGO.

[λ=18° 28′ N.; φ=69° 53′ W.]

Jan	69.5	69.1	68.7	68.4	68.0	67.5	68.0	71.1	74.6	78.4	79.8	80.8	82.0
Feb	70.6	69.8	69.4	68.6	68.2	68.0	68.4	72.8	76.2	78.9	80.3	80.7	81.6
Mar	70.7	70.2	69.7	69.4	69.1	68.6	69.6	74.1	76.6	79.0	80.0	80.6	80.7
Apr													
May													
June													
July	74.4	74.0	73.6	73.4	73.2	73.5	75.9	79.3	81.2	82.6	83.3	83.6	82.2
Aug	74.5	74.2	73.8	73.5	73.4	73.3	76.1	80.0	82.2	83.9	84.6	84.5	83.6
Sept	75.0	74.7	74.5	74.1	74.0	73.9	75.8	79.2	81.7	83.3	84.0	83.8	83.5
Oct	74.6	74.1	73.7	73.1	72.9	72.4	74.2	78.8	81.6	83.7	84.6	84.8	85.3
Nov	72.5	72.0	71.7	71.5	71.2	70.9	71.9	75.5	77.9	80.7	82.0	82.9	83.0
Dec	71.1	70.7	70.4	70.4	70.1	70.0	70.8	74.2	77.3	79.8	81.1	82.8	82.3
Year													

WILLEMSTAD, CURACAO.

[λ=12° 06′ N.; φ=68° 56′ W.]

Jan	75.7	75.4	75.0	75.0	75.1	75.2	76.7	78.5	79.9	80.7	81.1	81.5	81.4
Feb	76.0	75.8	75.6	75.5	75.6	75.8	77.7	79.1	80.8	81.4	82.0	81.9	82.5
Mar	76.2	75.9	75.6	75.7	75.5	76.0	78.0	79.4	80.7	81.8	82.6	82.8	82.9
Apr	76.9	76.7	76.6	76.5	76.4	76.7	79.2	80.5	81.6	82.5	83.1	83.6	83.8
May	78.9	78.7	78.6	78.6	78.5	79.0	80.7	81.9	83.1	84.0	84.3	84.6	85.1
June	79.8	79.7	79.6	79.4	79.4	79.5	81.5	82.8	83.9	84.6	85.1	85.3	86.2
July	79.2	79.1	78.7	78.7	78.5	78.8	80.7	81.7	83.2	83.7	84.4	85.1	85.6
Aug	79.4	79.3	79.1	79.1	78.7	78.7	80.2	81.3	82.5	83.0	84.1	84.6	85.4
Sept	80.3	79.9	79.4	79.5	79.3	79.4	81.5	82.7	83.4	84.1	84.9	85.4	85.9
Oct	79.5	79.4	79.1	78.8	78.7	79.2	81.6	82.7	83.7	84.1	83.8	84.5	85.3
Nov	78.6	78.6	78.4	78.5	78.4	78.5	79.1	80.5	81.9	81.9	82.2	81.5	82.1
Dec	77.7	77.3	77.2	77.2	76.9	76.8	78.2	79.6	80.6	81.3	81.2	81.5	82.1
Year	78.2	78.0	77.7	77.7	77.6	77.8	79.6	80.9	82.1	82.8	83.2	83.5	84.0

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN JUAN, PORTO RICO.

[h_t=48 ft.; local time, 36m fast.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1901.
79.8	79.1	78.3	77.3	76.2	75.9	75.5	74.6	73.8	73.3	73.3	75.7	81.6	69.9	Jan.
81.7	80.8	80.3	78.9	77.9	77.1	76.3	75.4	74.5	74.0	73.0	76.5	83.3	70.7	Feb.
80.5	80.3	79.8	78.4	77.1	76.4	76.1	74.8	74.4	73.8	73.4	76.5	82.7	70.9	Mar.
82.4	82.2	81.2	80.1	79.1	78.7	78.4	77.3	76.8	76.1	75.4	78.2	84.8	72.5	Apr.
82.8	82.1	82.0	81.3	80.1	79.1	78.5	77.8	77.4	77.0	76.2	79.4	86.3	74.0	May.
83.6	83.1	82.3	81.1	80.1	78.9	78.6	78.2	78.0	77.6	77.2	79.8	85.7	74.6	June.
82.6	82.5	81.9	81.1	80.1	79.5	79.2	78.9	78.8	78.3	77.8	79.6	85.0	74.6	July.
84.1	84.1	83.7	82.9	81.5	80.8	80.1	79.8	79.3	78.7	78.5	80.7	86.9	75.4	Aug.
85.0	84.3	83.6	82.7	81.1	80.0	80.0	79.6	79.1	78.5	77.9	80.8	87.2	75.4	Sept.
83.0	82.4	81.5	80.2	79.1	78.5	77.9	77.5	77.1	76.6	76.3	79.1	86.3	74.5	Oct.
81.7	81.3	80.5	78.8	78.4	77.7	77.4	76.5	76.1	75.7	75.1	77.8	84.0	72.7	Nov.
80.3	80.0	79.3	78.0	77.0	76.4	76.2	75.5	74.8	74.3	73.8	76.6	82.4	71.5	Dec.
82.3	81.8	81.2	80.1	79.0	78.2	77.8	77.2	76.7	76.2	75.7	78.4	84.7	73.1	Year.

SANTIAGO DE CUBA.

[h_t=46 ft.; local time, 3m slow.]

83.5	82.6	81.0	79.3	77.0	74.7	73.6	72.4	71.6	70.8	69.7	74.1	84.9	65.8	Jan.
84.5	83.6	82.7	81.0	78.2	76.4	75.5	74.1	73.4	72.2	71.4	75.6	86.0	67.1	Feb.
84.3	83.1	82.3	80.7	78.8	77.0	76.1	74.9	74.0	73.0	72.3	76.4	86.2	68.4	Mar.
86.2	85.3	84.5	82.8	80.6	78.7	77.6	76.2	75.2	74.3	73.5	77.9	88.1	69.5	Apr.
86.6	86.0	84.0	82.3	80.2	78.9	78.2	77.3	76.6	75.8	75.4	79.2	88.4	71.3	May.
88.0	86.1	85.3	83.7	82.2	81.0	80.3	79.3	78.7	77.9	77.4	81.0	89.5	74.0	June.
87.1	86.1	84.0	82.4	81.4	80.1	79.4	78.5	77.8	77.0	76.4	80.4	89.9	73.3	July.
88.7	87.0	85.3	82.9	82.1	80.8	80.3	79.1	78.5	77.8	77.2	81.1	91.2	73.9	Aug.
85.3	84.6	83.8	82.2	80.9	79.2	78.6	77.4	77.2	76.4	75.9	79.6	88.0	73.0	Sept.
83.2	81.7	80.5	79.3	77.9	77.1	76.8	75.9	75.7	75.2	74.8	77.9	86.8	71.9	Oct.
81.4	80.6	79.1	76.9	75.4	74.2	73.5	72.7	72.4	71.8	71.2	74.8	83.2	68.6	Nov.
81.0	79.9	79.2	77.4	75.6	74.0	73.3	72.3	71.9	71.5	71.0	74.4	82.8	67.9	Dec.
85.0	83.9	82.6	80.9	79.2	77.7	76.9	75.8	75.2	74.4	73.8	77.7	87.1	70.4	Year.

SANTO DOMINGO, SANTO DOMINGO.

[h_t=37 ft.; local time, 20m fast.]

82.1	81.7	80.7	79.3	76.9	75.5	74.3	72.8	71.7	70.7	70.2	74.2	83.0	67.2	Jan.
81.9	81.5	80.6	79.7	78.4	77.4	76.1	74.5	73.3	72.2	71.4	75.0	82.5	67.1	Feb.
80.7	80.0	79.0	78.2	77.1	76.3	75.7	74.6	73.2	72.4	71.4	74.9	82.2	68.1	Mar.
														Apr.
														May.
														June.
81.5	81.5	80.8	79.2	78.3	76.9	76.1	75.4	75.1	74.6	74.4	77.7	86.1	72.5	July.
82.6	82.7	82.2	81.3	79.8	78.4	77.4	76.5	75.8	75.4	74.9	78.5	87.0	72.8	Aug.
82.7	81.9	81.0	80.5	79.4	78.6	77.7	76.8	76.4	76.0	75.3	78.5	86.3	73.0	Sept.
84.5	83.5	82.2	81.2	79.8	78.7	77.7	77.0	76.2	75.4	74.9	78.5	86.4	72.1	Oct.
82.7	81.7	80.8	79.0	77.4	76.3	75.5	74.6	74.1	73.5	72.9	76.4	84.5	70.6	Nov.
81.8	80.8	79.9	78.3	76.4	75.0	74.0	73.0	72.3	71.9	71.4	75.2	83.7	69.3	Dec.
														Year.

WILLEMSTAD, CURACAO.

[h_t=39 ft.; local time, 24m fast.]

81.0	80.6	80.3	78.6	77.5	77.2	77.0	76.7	76.5	76.3	75.9	77.9	83.1	74.2	Jan.
82.6	82.2	81.6	79.5	78.3	77.9	77.5	77.1	77.1	76.7	76.5	78.6	84.2	74.8	Feb.
83.0	82.5	81.8	80.0	78.7	78.2	77.9	77.8	77.6	77.3	76.9	79.0	84.4	75.0	Mar.
83.6	83.1	82.5	81.0	79.6	78.8	78.5	78.4	78.1	77.9	77.5	79.7	85.2	76.2	Apr.
85.6	85.0	84.0	82.4	81.1	80.3	80.1	79.6	79.5	79.3	79.2	81.3	86.8	78.2	May.
86.1	85.3	84.9	83.3	82.0	81.1	81.0	80.6	80.5	80.1	80.1	82.2	87.4	78.6	June.
86.0	85.8	84.9	83.5	82.1	81.3	81.0	80.6	80.5	80.2	79.8	81.8	87.3	77.3	July.
85.9	85.6	84.8	83.2	81.9	81.1	80.8	80.5	80.3	79.9	79.8	81.6	87.3	77.5	Aug.
86.4	86.2	85.5	83.8	82.4	81.9	81.7	81.1	81.0	80.8	80.4	82.4	87.8	78.2	Sept.
85.4	85.3	84.7	83.1	81.9	81.6	81.3	81.0	80.8	80.6	80.1	81.9	87.2	77.5	Oct.
82.4	82.0	81.8	80.8	80.1	80.0	80.0	79.8	79.7	79.2	78.7	80.2	84.6	75.5	Nov.
81.8	81.3	80.8	79.3	78.7	78.5	78.4	78.4	78.4	77.8	77.8	79.1	83.5	75.3	Dec.
84.2	83.7	83.1	81.5	80.4	79.8	79.6	79.3	79.2	78.8	78.6	80.5	85.7	76.5	Year.

WIND—VELOCITY AND FREQUENCY.

BASSETERRE, ST. KITTS.

[λ=17° 18′ N.; φ=62° 48′ W.] [Seventy-fifth meridian time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan	8.7	8.6	8.6	9.0	8.8	9.3	8.7	9.6	10.5	10.9	10.9	11.1	11.0	10.8	10.4	10.1	9.1
Feb	6.3	7.0	6.9	6.9	6.8	6.9	6.1	7.9	9.0	9.2	9.9	9.8	10.0	9.9	9.1	8.5	7.8
Mar	8.1	8.7	8.5	8.8	8.9	9.0	9.6	10.9	11.6	12.5	12.2	12.2	12.3	12.3	11.6	10.7	10.1
Apr	6.9	6.7	6.7	6.4	6.6	6.5	8.1	8.7	9.6	10.7	10.7	10.7	10.1	10.1	9.3	8.4	7.8
May	8.3	7.7	7.2	7.3	7.1	7.4	8.7	9.4	10.4	10.9	11.0	10.9	10.8	10.2	9.8	8.9	8.5
June	9.2	9.4	8.8	9.1	9.5	9.7	9.8	11.0	12.0	11.8	12.5	11.8	11.9	12.1	11.5	10.8	9.7
July	9.9	10.1	10.0	10.2	10.5	10.3	10.9	11.8	12.5	12.8	12.8	12.5	12.5	11.5	11.7	11.4	10.8
Aug	8.8	8.7	8.7	8.8	8.8	9.0	10.2	10.8	11.2	11.6	12.0	11.4	11.9	11.2	10.9	10.5	9.7
Sept	6.8	7.2	7.3	7.2	7.6	7.0	7.6	8.9	9.4	9.7	10.0	10.0	10.6	10.2	10.1	10.1	8.8
Oct	5.2	5.5	5.5	5.1	5.6	5.3	5.8	6.7	7.6	8.0	8.0	8.0	8.2	7.9	7.5	6.2	5.6
Nov	7.1	7.4	7.7	7.0	7.4	7.5	8.3	9.8	10.5	10.7	10.9	10.6	10.7	9.8	8.9	7.9	6.9
Dec	8.8	9.1	9.0	8.4	8.8	8.4	9.1	10.0	11.1	11.3	11.5	11.3	11.0	10.9	10.1	9.5	9.2
Year	7.8	8.0	7.9	7.8	8.0	8.0	8.6	9.6	10.4	10.8	11.0	10.9	10.9	10.6	10.1	9.4	8.7

BRIDGETOWN, BARBADOS.

[λ=13° 04′ N.; φ=59° 37′ W.]

Jan	5.0	5.6	5.5	5.4	5.3	5.4	6.3	10.0	11.9	12.9	13.5	13.5	13.6	13.1	12.6	11.5	9.2
Feb	4.4	4.5	5.2	5.2	4.7	4.6	5.6	10.5	12.8	13.2	13.4	13.4	13.1	12.6	12.1	11.2	9.6
Mar	5.5	5.6	5.3	5.2	5.5	6.0	8.2	12.3	13.6	14.0	14.3	13.9	13.8	13.6	12.8	12.0	10.6
Apr	4.7	4.8	4.5	5.0	4.7	4.8	7.4	10.4	11.7	12.4	13.1	13.1	13.1	12.4	11.9	10.9	9.5
May	5.4	5.7	5.8	5.5	5.5	6.7	11.0	12.7	13.3	13.6	14.0	14.2	14.1	13.2	12.8	11.7	10.4
June	6.6	6.4	6.5	6.3	6.1	6.5	8.9	11.4	12.2	13.2	13.1	13.6	13.4	12.4	12.1	11.1	9.8
July	6.3	6.9	6.9	6.5	6.2	6.5	8.8	11.1	11.4	12.6	13.0	12.6	12.8	12.4	11.4	10.6	9.2
Aug	5.1	5.0	4.9	5.4	5.3	5.4	8.1	10.8	11.5	12.4	12.8	12.5	12.0	11.1	10.7	9.5	8.5
Sept	5.8	4.9	5.3	4.7	5.2	5.2	7.1	9.3	9.9	10.5	10.1	9.5	9.7	9.8	8.9	8.4	7.2
Oct	4.8	4.5	4.4	4.6	4.7	4.7	5.2	8.0	8.8	9.2	9.7	9.9	10.4	9.2	7.9	6.9	5.6
Nov	5.6	5.4	5.8	5.6	5.5	5.9	7.9	11.1	12.5	13.1	13.5	13.5	13.5	13.0	12.4	10.8	8.3
Dec	6.3	6.1	5.4	5.6	5.8	5.7	6.6	9.9	11.6	12.3	12.7	12.8	12.9	12.1	11.6	10.3	7.8
Year	5.5	5.4	5.5	5.4	5.4	5.6	7.6	10.6	11.8	12.4	12.8	12.8	12.7	12.1	11.4	10.4	8.8

CIENFUEGOS, CUBA.

[λ=22° 11′ N.; φ=80° 33′ W.]

Jan	6.2	6.3	6.0	5.9	5.3	5.3	5.0	5.2	5.4	7.5	9.3	9.7	10.2	10.1	10.8	10.6	10.7
Feb	6.2	5.7	5.6	5.2	5.4	5.0	4.9	5.0	5.7	7.0	7.5	8.5	10.0	10.4	11.1	11.1	11.3
Mar	6.3	6.5	6.3	6.3	6.3	6.1	5.8	5.8	6.7	8.9	9.9	10.3	11.6	12.6	12.6	12.9	12.4
Apr																	
May																	
June																	
July	5.3	5.4	5.3	5.2	5.1	5.5	5.4	5.6	6.0	6.6	6.9	7.8	8.8	9.0	9.6	8.6	8.1
Aug	4.8	4.5	4.4	4.0	4.6	4.3	4.2	4.6	4.6	5.9	6.9	7.8	9.0	9.3	9.4	9.0	8.1
Sept	5.1	5.5	5.8	4.5	4.2	4.1	5.5	5.5	6.2	6.2	7.1	8.3	9.3	9.6	9.6	9.0	8.4
Oct	3.5	3.4	3.4	3.6	3.7	3.4	3.0	3.6	4.2	5.1	5.6	5.6	6.7	7.0	7.4	7.1	6.7
Nov	5.2	5.6	5.3	5.3	5.7	5.6	5.8	5.6	7.1	9.5	10.3	10.1	9.9	10.1	11.1	11.2	10.8
Dec	7.6	7.3	7.2	7.0	7.3	7.1	6.9	7.9	8.4	10.1	11.6	11.1	10.5	10.3	10.1	9.7	9.7
Year																	

HAVANA, CUBA.

[λ=23° 09′ N.; φ=82° 21′ W.]

Jan	10.3	10.2	9.7	8.8	8.7	8.9	9.3	10.1	10.2	11.6	14.0	14.0	14.6	15.4	16.0	15.6	14.8
Feb	10.0	9.4	9.4	9.6	9.5	9.5	9.5	9.5	10.5	12.4	14.1	14.0	14.4	15.2	15.7	15.5	15.7
Mar	9.9	9.7	10.2	10.1	10.4	9.9	10.9	10.8	13.0	15.9	16.6	17.0	17.2	18.4	19.1	18.5	18.5
Apr	8.2	8.3	7.8	8.4	8.8	8.4	9.0	9.8	13.1	15.7	15.7	15.5	16.5	17.1	17.0	16.5	16.3
May	5.6	5.1	4.8	5.5	5.0	4.7	5.0	5.7	7.2	8.7	11.1	12.3	13.7	14.4	13.9	13.8	12.2
June	7.5	6.7	7.0	6.8	7.1	7.2	7.1	9.5	12.2	13.4	15.0	15.4	16.3	17.3	16.3	15.1	14.9
July	6.3	6.7	6.1	6.9	6.4	6.5	6.4	7.3	11.2	11.9	11.7	12.9	14.6	14.8	16.0	14.8	13.6
Aug	5.5	4.8	4.6	4.9	5.8	5.2	4.8	5.4	7.0	8.6	8.5	10.7	11.7	12.7	14.9	13.3	12.0
Sept	6.4	6.5	6.7	7.0	7.1	6.9	7.1	7.2	10.6	13.2	12.7	13.5	15.4	15.9	16.2	15.7	13.6
Oct	12.5	12.5	11.4	10.9	10.7	9.8	10.6	11.0	13.0	14.7	16.4	16.9	18.0	18.5	18.3	18.2	17.0
Nov	8.5	7.9	7.1	6.9	6.7	7.0	6.9	6.5	7.5	10.9	12.5	13.8	14.7	14.9	15.0	14.7	14.1
Dec	9.4	9.2	9.0	9.6	9.6	9.4	9.2	8.6	9.9	13.4	16.5	15.8	15.9	16.8	16.9	17.0	16.8
Year	8.3	8.1	7.8	8.0	8.0	7.8	8.0	8.4	10.4	12.5	13.7	14.3	15.2	16.0	16.3	15.7	15.0

WIND—VELOCITY AND FREQUENCY.

BASSETERRE, ST. KITTS.

[h_a=54 ft.; local time, 49m fast.] [Seventy-fifth meridian time.]

6h p. m.	7h	8h	9h	10h	11h	Mid.	Mean	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	C.	1901.
8.5	8.8	8.8	8.7	8.5	8.7	8.5	9.4	25	111	311	201	35	65	9	2	9	1	Jan.
6.5	6.9	6.8	6.7	6.6	6.7	6.3	7.7	34	71	181	286	25	62	16	13	16	2	Feb.
9.1	8.6	8.7	9.0	8.7	8.3	8.2	9.9	24	23	236	454	13	13	2	0	3	0	Mar.
6.5	7.0	6.9	7.3	6.9	6.8	7.0	8.0	21	58	112	402	60	29	26	6	27	0	Apr.
7.5	6.9	7.6	8.2	8.7	8.8	8.2	8.8	24	15	74	487	85	55	20	1	7	0	May.
9.0	9.3	9.8	10.0	9.8	9.8	9.9	10.3	27	8	193	481	32	5	1	----	----	----	June.
10.0	10.8	11.0	11.0	11.1	10.6	10.4	11.1	38	2	253	464	25	0	0	0	0	0	July.
9.1	9.1	9.2	9.5	9.3	9.1	8.8	9.9	27	2	238	491	13	0	0	0	0	0	Aug.
7.5	7.5	7.2	7.1	7.4	7.0	6.7	8.3	47	49	319	236	36	36	31	10	3	0	Sept.
5.5	5.1	5.1	5.2	5.0	5.9	6.2	6.2	34	170	215	132	46	82	50	22	27	0	Oct.
7.0	7.3	7.2	6.9	7.1	6.9	6.9	8.3	34	50	214	329	24	50	25	15	13	0	Nov.
8.8	9.3	9.2	9.7	9.5	9.4	9.2	9.7	25	17	323	401	3	0	0	0	0	0	Dec.
7.9	8.0	8.1	8.3	8.2	8.2	8.0	9.0	47	576	2,669	4,364	397	397	180	69	105	3	Year.

BRIDGETOWN, BARBADOS.

[h_a=65 ft.; local time, 1h 2m fast.]

6.8	6.2	5.8	5.6	5.5	5.4	5.4	8.4	24	0	241	267	231	5	0	0	0	0	Jan.
7.1	5.7	4.9	4.9	4.8	4.4	4.3	8.0	24	0	222	363	83	0	0	0	0	4	Feb.
8.1	6.4	6.1	5.5	5.8	5.9	5.4	9.0	25	0	204	470	70	0	0	0	0	0	Mar.
6.9	5.0	4.7	4.7	4.3	4.4	4.4	7.9	20	2	57	437	215	6	3	0	0	0	Apr.
8.4	6.8	6.6	6.7	6.3	6.2	5.6	9.3	25	0	95	410	230	7	0	0	0	2	May.
7.8	6.8	6.9	6.4	6.5	6.8	6.7	9.1	25	0	131	432	139	10	4	3	0	1	June.
7.1	6.3	6.1	6.2	6.3	6.1	5.8	8.7	36	9	203	369	120	16	11	5	10	1	July.
6.5	5.3	5.6	5.2	5.5	5.3	5.2	7.9	52	17	171	393	140	17	1	0	2	3	Aug.
5.6	4.9	5.0	5.5	5.2	5.4	5.5	7.0	36	1	156	254	151	66	58	9	19	6	Sept.
4.1	4.2	4.6	4.4	4.2	3.6	4.3	6.2	24	3	144	146	264	86	56	13	26	6	Oct.
6.6	6.7	7.0	6.3	6.2	6.2	6.2	8.7	24	0	101	417	194	8	0	0	0	0	Nov.
7.0	6.8	7.1	6.8	6.4	5.7	5.9	8.4	24	10	207	472	47	4	1	0	0	3	Dec.
6.8	5.9	5.9	5.7	5.6	5.4	5.4	8.2	52	42	1,932	4,430	1,884	225	134	30	57	26	Year.

CIENFUEGOS, CUBA.

[h_a=67 ft.; local time, 22m slow.]

9.0	7.0	6.6	6.7	6.4	6.7	6.5	7.4	25	106	449	50	9	65	37	12	16	0	Jan.
10.5	8.9	7.2	6.4	5.9	6.0	5.7	7.3	26	83	261	84	26	108	76	10	17	7	Feb.
11.3	9.2	7.5	6.7	5.9	6.2	5.8	8.3	23	92	299	64	28	155	66	12	22	6	Mar.
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	Apr.
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	May.
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	June.
7.1	6.5	5.8	6.0	5.1	5.2	5.0	6.5	29	24	353	140	48	69	89	10	11	0	July.
6.7	5.4	4.6	4.9	5.3	5.0	5.2	5.9	20	36	336	147	36	62	104	8	15	0	Aug.
7.2	6.1	5.6	5.6	5.2	4.7	4.7	6.4	32	28	273	140	75	96	80	11	14	3	Sept.
5.5	5.0	4.8	4.7	4.0	3.8	3.6	4.8	19	47	539	66	16	21	36	6	10	3	Oct.
8.8	6.8	5.9	6.1	5.6	5.8	5.5	7.4	24	45	582	53	2	3	20	1	8	6	Nov.
8.6	7.7	7.3	7.8	7.4	7.6	7.4	8.5	24	125	426	43	16	44	22	34	33	1	Dec.
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HAVANA, CUBA.

[h_a=105 ft.; local time, 29m slow.]

13.5	12.3	11.7	11.1	10.7	10.1	10.2	11.7	40	152	134	236	58	34	22	26	82	0	Jan.
14.6	12.2	10.2	10.1	9.7	9.5	9.6	11.7	41	94	132	155	106	71	23	20	71	0	Feb.
17.6	16.0	13.3	12.1	11.6	10.9	10.3	13.7	36	64	133	218	122	77	11	19	99	1	Mar.
15.7	13.3	11.1	10.4	9.3	8.9	8.8	12.1	38	169	119	138	49	49	8	54	133	1	Apr.
12.2	10.7	9.4	8.2	7.0	6.0	6.0	8.7	34	114	180	201	63	66	29	29	62	0	May.
13.8	12.9	11.7	11.5	10.6	9.3	8.4	11.4	39	22	182	358	114	32	2	2	7	1	June.
13.1	12.0	9.6	8.9	8.6	8.5	7.3	10.1	48	25	169	418	85	37	5	0	2	3	July.
10.7	9.6	8.9	7.8	6.6	6.1	5.7	8.2	43	31	244	254	113	53	16	15	16	2	Aug.
11.0	9.9	9.3	8.7	8.0	7.3	6.9	10.1	48	36	180	305	119	38	25	2	14	1	Sept.
15.6	15.3	15.3	15.4	15.1	14.3	13.0	14.4	43	118	388	169	22	3	2	16	24	2	Oct.
12.1	10.9	10.6	10.0	9.4	9.1	8.6	10.3	33	168	252	200	22	0	0	8	66	4	Nov.
14.9	13.3	12.0	11.4	10.8	10.2	9.6	12.3	40	74	164	290	50	36	19	26	84	1	Dec.
13.7	12.4	11.1	10.5	9.8	9.2	8.7	11.2	48	1,067	2,277	2,942	923	496	162	217	660	16	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

KINGSTON, JAMAICA.

[λ=17° 58′ N.; φ=76° 48′ W.] [Seventy-fifth meridian time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan	5.2	5.3	5.5	5.9	5.5	5.6	5.4	4.8	3.8	3.8	5.1	7.3	8.6	9.3	9.0	7.8	6.9
Feb	4.9	5.2	5.3	5.6	5.6	5.7	5.6	4.8	4.0	4.8	6.4	8.0	11.1	11.9	11.0	10.5	9.1
Mar	5.3	5.2	5.5	5.3	5.5	5.8	5.5	5.1	5.4	6.8	8.9	11.4	12.8	13.2	12.6	11.9	10.7
Apr	5.2	5.1	5.4	5.3	5.2	5.3	5.2	4.0	4.1	6.5	8.6	10.5	11.8	12.2	11.5	10.7	10.3
May	4.2	4.3	4.5	4.5	4.9	4.8	4.4	3.8	5.1	7.4	11.0	13.4	14.6	14.2	12.7	11.0	10.2
June	4.3	4.2	4.4	4.6	4.2	4.3	3.8	4.0	5.1	6.9	9.2	10.7	12.1	12.3	10.5	8.8	7.9
July	4.2	4.4	4.4	4.5	4.5	4.7	4.4	3.1	3.0	4.3	6.0	8.6	11.1	11.3	9.8	8.0	6.9
Aug	4.5	4.5	4.4	4.9	4.8	4.9	5.1	3.9	3.5	3.5	5.3	8.0	10.4	11.2	11.5	9.1	6.3
Sept	4.7	4.8	4.9	4.9	4.9	4.7	4.7	3.7	3.7	5.0	7.6	9.4	11.1	10.9	9.7	9.3	7.0
Oct	4.7	4.8	4.7	5.0	4.8	5.1	5.0	3.8	2.5	2.9	4.4	5.5	7.2	6.6	5.8	5.2	4.4
Nov	5.1	5.4	5.6	5.3	5.4	5.5	5.4	4.5	3.4	4.1	4.8	5.2	5.6	5.5	5.3	4.7	5.0
Dec	5.0	5.0	5.1	5.2	5.5	5.2	5.5	5.0	4.0	3.5	4.2	6.1	7.0	7.9	7.7	6.5	6.2
Year	4.8	4.8	5.0	5.1	5.1	5.1	5.0	4.2	4.0	5.0	6.8	8.7	10.3	10.5	9.8	8.6	7.6

PORT OF SPAIN, TRINIDAD.

[λ=10° 35′ N.; φ=61° 30′ W.]

Jan	2.6	2.5	2.4	2.4	2.5	2.3	2.8	4.5	7.4	8.0	8.5	8.6	9.0	8.3	7.9	7.7	6.7
Feb	2.0	1.9	2.1	2.1	1.9	1.9	1.9	4.0	7.2	8.7	9.0	9.2	8.8	9.5	9.5	9.4	8.4
Mar	2.3	1.8	1.8	1.9	1.9	2.0	2.1	4.8	7.1	8.5	8.6	8.7	8.6	8.9	8.7	8.6	8.4
Apr	2.1	1.8	1.7	1.5	1.7	1.6	2.5	6.6	9.0	9.1	9.3	9.2	9.3	9.0	9.0	9.2	9.3
May	2.3	2.4	2.3	2.2	2.2	2.3	3.5	5.8	7.0	7.6	8.3	8.3	8.2	7.4	7.5	7.9	7.8
June	2.5	2.1	2.3	2.3	2.2	2.2	3.2	4.6	5.7	6.1	6.6	6.1	6.2	6.3	6.0	6.1	5.4
July	2.6	2.9	2.4	2.3	1.9	2.3	2.3	4.5	6.0	6.9	6.9	7.5	7.5	6.9	7.3	6.3	5.3
Aug	2.1	1.9	2.0	1.9	1.9	1.7	2.1	3.9	5.4	6.6	6.7	6.1	5.9	5.9	5.6	4.9	4.5
Sept	2.4	2.4	2.1	2.2	2.0	2.0	2.6	4.1	5.0	6.0	6.1	6.1	6.5	5.7	5.4	5.0	4.8
Oct	2.5	2.3	2.1	2.1	2.4	2.2	3.3	4.7	5.8	5.9	6.5	6.3	5.8	6.0	5.8	5.5	4.2
Nov	2.1	2.2	1.9	1.8	2.0	2.0	2.3	4.2	5.4	6.1	6.7	6.6	6.4	6.2	5.7	5.4	4.7
Dec	1.7	2.0	2.0	2.0	2.5	2.1	2.1	3.1	4.5	6.1	6.7	6.9	7.1	6.1	5.7	5.4	3.8
Year	2.3	2.2	2.1	2.1	2.1	2.0	2.6	4.6	6.3	7.1	7.5	7.5	7.4	7.2	7.0	6.8	6.1

PUERTO PRINCIPE, CUBA.

[λ=21° 23′ N.; φ=77° 56′ W.]

Jan	4.1	4.2	4.0	4.0	4.1	3.4	3.9	3.8	5.4	9.7	10.8	10.9	10.4	10.4	10.6	10.5	10.6
Feb	3.7	3.0	3.2	3.6	4.0	3.6	3.5	3.8	6.0	9.4	9.5	9.2	8.9	8.7	9.1	10.4	11.4
Mar	4.4	4.1	3.8	4.2	4.2	4.2	4.3	6.1	11.4	12.0	11.0	10.5	10.5	10.5	10.7	11.6	13.1
Apr	3.7	3.4	3.6	3.5	3.3	3.2	3.9	8.1	10.9	10.6	10.0	9.7	9.6	9.7	10.5	11.5	12.9
May	3.9	3.6	3.6	3.4	3.1	3.1	3.4	6.5	7.6	6.8	6.9	6.9	7.3	8.0	9.1	10.4	9.8
June	5.3	5.0	4.9	5.3	5.0	4.7	5.5	9.0	9.6	8.9	8.5	8.4	8.2	8.8	8.8	9.3	10.4
July	4.2	4.1	4.4	4.4	4.7	4.7	4.6	7.7	10.7	11.4	10.3	9.9	9.0	9.2	9.9	10.8	10.2
Aug	3.4	3.7	3.4	3.4	3.8	3.9	3.7	6.1	9.5	10.2	9.4	8.3	8.2	8.5	9.2	9.8	9.7
Sept	4.1	4.3	4.2	4.5	4.4	4.5	4.9	6.1	9.2	10.2	9.6	9.1	8.1	8.0	8.0	8.2	8.0
Oct	3.6	3.3	3.6	3.2	3.4	3.5	3.6	4.5	7.6	9.3	9.8	10.0	9.8	10.0	10.6	10.1	9.2
Nov	4.7	4.6	4.7	4.7	4.6	4.7	4.4	4.9	7.9	10.8	11.6	11.8	11.8	11.3	11.2	11.1	10.5
Dec	5.6	5.6	5.8	5.5	5.8	5.6	5.3	5.7	8.6	12.4	13.1	12.6	12.5	11.8	11.6	11.7	11.4
Year	4.2	4.1	4.1	4.1	4.2	4.1	4.2	6.0	8.7	10.1	10.0	9.8	9.5	9.6	9.9	10.4	10.6

ROSEAU, DOMINICA.

[λ=15° 21′ N.; φ=61° 20′ W.]

Jan	4.6	4.8	4.4	5.0	4.8	5.1	4.9	4.8	5.6	6.1	6.9	7.4	8.2	7.9	7.5	6.3	4.8
Feb	4.3	4.3	4.5	4.5	4.7	4.5	4.3	3.8	5.1	6.6	7.2	7.7	6.9	7.3	6.6	6.3	5.0
Mar	4.8	5.3	5.2	5.0	4.8	4.5	4.3	5.4	6.8	7.5	8.0	8.3	7.8	8.6	8.6	8.2	7.2
Apr	4.2	4.3	4.2	4.1	4.4	4.0	3.3	4.6	5.9	7.6	8.2	8.7	7.9	8.1	7.8	7.0	5.8
May	3.7	3.8	3.5	3.9	3.9	3.7	3.5	5.1	6.7	7.9	9.1	8.5	8.1	8.3	7.5	6.7	6.1
June	4.0	3.8	3.5	3.6	3.9	4.0	3.4	4.3	5.3	6.0	7.0	7.4	6.9	6.6	6.0	5.8	5.0
July	3.9	4.3	5.0	4.9	5.4	4.6	4.9	5.1	5.6	6.3	6.9	6.9	7.3	7.1	7.0	6.5	5.7
Aug	4.7	4.5	4.4	4.3	4.9	4.8	4.4	4.5	5.2	5.9	6.8	7.3	6.7	7.0	6.5	6.0	5.6
Sept	4.4	4.9	4.4	4.7	5.1	4.9	3.3	3.4	4.5	5.4	6.0	6.5	6.8	5.8	5.9	4.8	4.0
Oct	5.3	5.5	5.5	5.2	5.1	5.4	3.8	4.0	4.6	5.7	6.3	6.5	6.7	6.3	5.4	5.5	3.9
Nov	4.6	4.5	4.2	3.9	4.2	3.8	3.7	4.2	4.7	5.7	6.2	6.8	6.8	6.7	6.3	5.0	4.1
Dec	4.7	4.6	4.5	4.2	4.3	4.3	4.2	5.3	6.1	7.4	7.5	7.5	7.2	6.7	6.6	5.7	5.0
Year	4.4	4.6	4.4	4.4	4.6	4.5	4.0	4.5	5.5	6.5	7.2	7.5	7.3	7.2	6.8	6.2	5.2

WIND—VELOCITY AND FREQUENCY—Continued.

KINGSTON, JAMAICA.

[h_a=52 ft.; local time, 7^m slow.] [Seventy-fifth meridian time.]

6^h	7^h	8^h	9^h	10^h	11^h	Mid.	Mean	Max vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	C.	1901.
5.4	4.8	5.5	5.3	5.5	5.4	5.5	5.9	21	190	294	21	98	47	21	15	58	0	Jan.
7.0	4.4	4.4	4.5	4.6	4.9	5.4	6.4	25	141	237	25	141	58	20	11	39	0	Feb.
8.0	5.6	4.8	4.9	4.7	4.8	5.1	7.3	29	204	236	21	149	42	16	17	59	0	Mar.
8.0	6.1	4.4	4.5	4.6	4.6	5.0	6.8	26	172	205	26	152	72	19	11	61	2	Apr.
9.2	6.0	4.5	4.4	4.2	4.0	4.1	7.1	32	175	209	17	243	44	9	12	33	2	May.
6.6	4.8	3.8	3.6	4.2	4.2	4.1	6.2	28	189	193	35	199	19	16	27	38	4	June.
5.0	4.2	3.5	3.8	3.6	4.3	4.1	5.5	24	181	262	20	173	30	19	21	35	3	July.
4.8	3.9	3.9	4.0	4.0	4.4	4.4	5.6	26	177	310	19	144	31	15	17	29	2	Aug.
5.3	4.5	3.8	3.7	4.3	4.3	4.3	5.9	27	120	278	30	212	32	14	14	19	1	Sept.
3.7	3.5	4.0	4.2	4.4	4.5	4.8	4.6	19	[1]115	[1]246	[1]35	[1]91	[1]63	[1]20	[1]13	[1]17	[1]0	Oct.
4.9	4.7	5.0	5.2	4.9	5.3	5.2	5.0	18										Nov.
4.7	5.2	5.3	5.4	5.2	5.5	5.0	5.4	27	219	267	15	74	41	37	22	68	1	Dec.
6.0	4.8	4.4	4.5	4.5	4.7	4.8	6.0	32										Year.

PORT OF SPAIN, TRINIDAD.

[h_a=66 ft.; local time, 54^m fast.]

4.9	4.0	3.8	3.4	3.2	2.7	2.5	4.9	16	29	189	418	54	6	7	14	3	24	Jan.
6.2	3.9	3.3	3.0	2.5	2.2	2.1	5.0	22	23	185	334	62	4	9	18	6	31	Feb.
6.3	4.3	3.0	2.7	2.2	2.4	2.4	4.9	17	18	182	432	41	5	11	22	2	31	Mar.
7.8	6.0	5.0	3.8	3.1	2.5	2.3	5.5	17	43	118	396	71	7	11	27	3	44	Apr.
6.5	5.2	4.2	3.7	3.2	3.1	2.8	5.1	19	50	105	426	65	7	20	43	10	18	May.
4.4	4.1	3.4	3.2	3.0	2.6	2.6	4.1	18	70	136	360	50	16	26	21	13	28	June.
4.3	3.4	2.9	2.5	2.5	2.5	2.3	4.2	20	69	181	346	48	13	25	32	17	13	July.
3.5	2.7	2.3	2.1	1.8	1.8	2.0	3.6	19	131	150	250	56	26	39	33	28	31	Aug.
4.0	3.0	2.7	2.5	2.6	2.6	2.2	3.8	17	117	124	266	66	18	38	49	20	22	Sept.
4.1	3.7	3.3	2.9	2.8	2.5	2.6	4.0	17	66	155	311	83	23	28	40	13	25	Oct.
3.9	2.9	2.9	2.5	2.4	2.5	2.1	3.8	17	75	154	317	66	12	20	36	18	22	Nov.
2.9	2.4	2.2	2.7	2.5	2.5	2.0	3.6	15	76	241	257	57	12	20	25	32	24	Dec.
4.9	3.8	3.2	2.9	2.6	2.5	2.3	4.4	22	767	1,920	4,113	719	149	254	360	165	313	Year.

PUERTO PRINCIPE, CUBA.

[h_a=62 ft.; local time, 12^m slow.]

9.2	6.7	5.9	5.0	5.1	4.6	4.5	6.8	28	172	354	87	15	15	47	19	17	18	Jan.
10.9	8.5	6.8	5.3	4.8	4.6	4.0	6.5	24	61	318	61	25	33	78	45	34	17	Feb.
11.9	9.6	7.2	6.4	5.9	5.3	4.4	7.8	25	72	388	106	23	39	58	13	32	13	Mar.
12.2	9.9	7.5	5.9	4.8	4.5	3.8	7.4	26	91	400	52	17	16	55	24	45	20	Apr.
8.6	7.1	5.7	5.0	4.3	4.2	4.1	5.9	33	30	292	109	80	72	97	25	25	14	May.
9.7	7.9	6.5	5.8	5.3	5.2	5.4	7.1	27	20	290	211	87	46	26	20	15	5	June.
10.0	8.1	6.7	6.5	5.5	5.0	4.8	7.4	36	24	355	209	60	31	31	11	17	6	July.
9.9	8.2	7.1	5.8	4.6	4.2	3.7	6.6	28	18	349	213	68	22	28	10	23	13	Aug.
6.5	4.9	5.2	4.4	4.7	5.0	4.3	6.3	36	20	285	194	78	53	38	17	14	21	Sept.
7.5	5.7	5.3	4.9	4.5	3.9	3.4	6.3	27	82	381	64	21	38	64	46	36	12	Oct.
8.4	6.5	6.0	5.8	4.9	4.9	4.7	7.4	29	179	491	28	5	2	1	1	9	4	Nov.
9.1	7.6	6.7	6.3	5.8	5.8	5.9	8.2	27	94	440	135	6	14	12	7	29	7	Dec.
9.5	7.6	6.4	5.6	5.0	4.8	4.4	7.0	36	863	4,343	1,469	485	381	535	238	296	150	Year.

ROSEAU, DOMINICA.

[h_a=47 ft.; local time, 55^m fast.]

3.9	4.4	4.5	4.2	4.4	4.6	4.5	5.4	21	24	242	262	94	37	38	17	28	2	Jan.
4.8	4.6	4.8	4.8	4.7	4.5	4.4	5.2	20	22	223	237	84	21	11	39	35	0	Feb.
5.1	4.8	5.3	5.1	5.0	5.0	4.8	6.1	24	23	263	282	101	10	16	19	30	0	Mar.
5.1	4.6	4.1	4.6	4.1	4.2	4.1	5.4	17	19	186	285	114	33	24	28	31	0	Apr.
4.2	4.2	3.9	3.6	3.5	3.4	3.5	5.3	23	31	205	229	145	61	12	19	42	0	May.
4.1	4.1	4.5	4.1	4.2	3.9	3.5	4.8	23	37	257	226	110	31	19	15	25	0	June.
4.9	4.2	4.2	4.4	4.3	4.4	4.4	5.3	38	33	268	227	112	29	21	28	26	0	July.
5.2	4.9	5.2	5.2	5.0	4.8	5.1	5.4	29	28	316	216	94	19	11	28	32	0	Aug.
4.1	4.5	4.2	4.4	4.1	4.5	4.4	4.8	27	28	220	225	68	50	53	39	37	0	Sept.
4.8	5.2	5.5	5.5	5.6	5.7	5.5	5.3	25	33	240	217	57	41	76	34	46	0	Oct.
4.4	4.4	4.5	4.4	4.4	4.2	4.7	4.9	37	22	248	273	69	50	24	21	13	0	Nov.
4.6	4.6	4.7	4.9	5.4	4.8	4.7	5.4	24	23	332	278	59	12	11	8	21	0	Dec.
4.6	4.5	4.6	4.6	4.6	4.5	4.5	5.3	38	323	3,000	2,957	1,107	394	316	295	366	2	Year.

[1] For 25 days.

WIND—VELOCITY AND FREQUENCY—Continued.

SAN JUAN, PORTO RICO.

[λ = 18° 27′ N.; φ = 66° 07′ W.] [Seventy-fifth meridian time.]

1901.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan	8.6	8.0	8.0	8.4	8.6	8.7	8.9	9.5	10.1	10.8	11.8	12.7	13.5	14.1	13.7	13.6	12.7
Feb	5.9	5.3	5.5	5.5	5.2	5.0	5.4	5.8	7.1	9.2	11.5	12.3	13.5	14.1	14.2	13.1	12.4
Mar....	8.2	8.1	8.2	7.8	7.5	7.0	7.4	8.9	12.4	15.1	16.5	16.9	18.0	18.3	17.0	16.5	15.7
Apr....	5.4	4.8	4.5	4.4	4.0	3.9	4.2	4.8	7.5	10.7	12.7	15.1	15.2	16.2	16.1	16.1	14.7
May ...	5.2	4.8	4.3	5.0	4.6	4.1	4.9	6.6	9.5	11.4	13.4	14.0	14.4	14.7	13.4	12.6	12.1
June ...	8.6	7.8	7.4	6.6	6.5	5.8	6.7	10.3	13.4	16.0	16.8	17.8	17.5	17.6	16.4	15.3	14.8
July ...	19.6	9.2	8.3	8.6	8.4	8.9	9.7	11.5	13.4	15.2	16.6	17.1	16.9	16.5	16.4	16.3	15.6
Aug....	7.6	6.7	6.2	5.7	5.6	5.9	6.2	8.5	11.8	13.8	15.4	15.7	16.0	16.0	15.3	15.5	15.1
Sept	7.0	6.7	6.7	6.7	6.7	6.4	6.6	8.5	11.1	12.8	13.9	14.4	14.7	14.4	13.6	12.9	12.5
Oct	4.7	4.2	4.3	4.2	4.1	3.6	3.6	4.1	5.7	6.5	8.0	10.1	9.8	9.7	8.3	7.5	7.8
Nov....	6.1	6.2	6.4	5.9	5.8	5.5	5.4	6.2	7.8	10.3	11.4	12.3	12.4	12.8	12.4	12.2	11.7
Dec	8.2	8.8	8.5	8.4	8.4	8.1	7.0	7.7	10.5	12.9	14.5	15.0	15.8	15.9	15.7	15.3	14.5
Year ...	7.2	6.7	6.5	6.4	6.3	6.1	6.3	7.7	10.0	12.1	13.5	14.4	14.8	15.0	14.4	13.9	13.3

SANTIAGO DE CUBA.

[λ = 19° 55′ N.; φ = 75° 50′ W.]

Jan	2.8	3.1	2.9	3.2	2.9	2.9	3.1	3.5	4.2	5.7	6.2	6.2	6.7	6.6	6.5	6.4	5.5
Feb	2.0	2.1	2.0	1.9	2.2	2.1	2.0	2.6	3.4	4.7	5.0	6.0	6.6	6.4	6.4	6.0	5.1
Mar....	3.0	3.5	3.2	3.1	2.8	3.0	2.9	3.7	4.9	5.9	6.0	6.9	7.8	7.7	7.9	7.6	6.8
Apr....	3.5	3.0	3.0	3.1	3.0	2.9	3.3	4.2	5.6	6.6	7.0	7.2	7.9	7.3	7.2	6.8	6.6
May ...	2.0	1.7	2.2	1.6	1.9	1.9	2.2	2.6	3.9	4.4	5.5	6.1	7.2	7.2	7.1	6.6	6.1
June ...	1.8	1.9	2.2	2.4	2.1	2.1	2.1	2.8	4.0	4.4	4.8	5.5	6.3	6.0	5.9	5.4	4.4
July ...	2.2	2.7	2.3	1.9	2.3	2.3	3.0	3.6	4.6	4.7	4.9	5.5	6.4	6.2	5.7	5.1	3.8
Aug....	2.0	2.0	1.9	2.0	2.1	2.0	2.1	3.4	4.3	4.7	4.8	5.2	5.7	6.3	5.9	5.1	4.3
Sept[1]...	3.4	3.9	3.4	3.1	3.1	3.3	2.9	3.4	4.5	5.1	5.8	7.0	8.1	7.6	7.0	6.4	5.4
Oct	4.8	5.4	5.4	5.7	5.5	5.4	5.1	5.7	7.0	7.5	7.4	8.0	8.5	8.6	8.6	7.7	6.1
Nov....	6.8	7.2	7.1	7.0	7.4	7.7	7.1	7.8	9.4	10.1	10.5	10.4	10.6	10.7	9.9	9.4	8.4
Dec	6.7	6.7	6.8	6.9	6.5	6.3	6.3	6.4	7.0	8.0	8.0	8.4	9.9	10.0	9.6	9.0	8.2
Year ...	3.4	3.6	3.5	3.5	3.5	3.5	3.5	4.1	5.2	6.0	6.3	6.9	7.6	7.6	7.3	6.8	5.9

SANTO DOMINGO, SANTO DOMINGO.

[λ = 18° 28′ N.; φ = 69° 53′ W.]

Jan	4.9	5.2	5.8	5.6	5.6	5.7	5.8	6.3	6.8	7.1	7.1	7.0	6.7	7.3	7.2	7.1	6.5
Feb	3.6	3.8	3.6	3.9	3.5	3.6	3.9	4.1	4.4	4.8	5.6	6.6	6.4	6.9	7.0	7.0	6.4
Mar....	4.8	5.3	5.2	5.1	5.2	5.3	5.1	5.4	5.8	6.2	7.1	8.0	7.6	7.7	7.7	7.8	7.1
Apr....																	
May ...																	
June ...																	
July ...	5.2	5.4	5.4	5.2	5.3	5.1	5.3	6.1	6.5	6.1	6.5	6.3	6.6	6.6	6.2	6.3	6.5
Aug....	4.6	4.8	4.9	5.1	5.1	5.1	5.6	6.2	6.4	6.1	6.8	7.0	7.2	6.8	7.0	6.2	6.0
Sept....	5.3	5.1	5.1	5.0	5.2	5.5	5.2	6.2	5.6	5.5	5.9	6.1	6.0	6.1	5.8	6.1	5.3
Oct	4.0	4.3	4.6	4.4	4.7	4.9	5.0	5.3	5.0	5.1	6.1	6.6	6.9	7.8	7.7	6.7	5.3
Nov....	4.7	4.9	5.3	5.4	5.5	5.6	5.8	6.5	6.9	7.4	6.7	6.5	6.2	7.2	6.9	5.9	5.3
Dec	5.5	5.5	5.4	5.7	5.5	5.6	5.7	6.4	7.0	6.6	6.8	7.3	6.8	7.3	6.8	6.2	5.6
Year ...																	

WILLEMSTAD, CURAÇAO.

[λ = 12° 06′ N.; φ = 68° 56′ W.]

Jan	7.7	7.6	7.7	7.7	7.9	8.0	8.1	10.1	12.3	12.9	13.4	13.3	13.4	13.5	13.3	12.8	12.6
Feb	8.8	8.9	8.5	8.5	8.7	8.8	8.5	11.7	13.5	13.9	14.4	14.5	13.9	14.2	14.1	13.9	13.8
Mar....	10.3	10.1	9.7	9.9	9.8	9.8	10.5	13.9	15.1	15.9	15.9	16.3	16.0	16.3	16.1	15.5	15.1
Apr....	9.9	9.6	9.3	9.2	9.1	9.0	10.8	13.8	14.9	15.5	15.3	15.8	15.9	16.0	16.2	15.5	15.0
May ...	10.1	9.9	9.9	10.1	9.8	10.0	12.2	13.9	14.0	14.1	14.5	14.4	14.0	14.2	14.7	14.7	14.5
June ...	12.0	11.6	11.3	10.4	10.6	10.3	12.4	14.0	14.7	14.8	15.1	15.1	15.1	16.0	16.6	16.7	17.0
July ...	10.3	10.1	9.6	9.6	9.5	8.9	10.7	12.0	13.4	13.7	13.8	14.1	13.8	13.9	14.0	14.6	14.3
Aug....	9.5	9.1	8.9	8.6	8.4	8.6	9.8	11.4	12.1	13.1	13.6	13.2	13.1	13.3	13.8	14.7	14.4
Sept....	8.0	8.0	7.8	7.5	7.5	7.6	8.4	10.3	10.9	11.5	12.0	12.1	11.9	11.5	11.4	11.4	11.5
Oct	5.1	4.8	4.8	4.8	4.7	4.6	4.6	6.4	7.5	8.6	8.3	8.3	7.7	7.8	7.6	7.5	8.3
Nov....	5.9	5.6	5.7	6.1	6.0	5.5	6.3	7.4	8.2	8.4	8.8	8.6	8.0	8.2	8.2	8.5	7.4
Dec	7.7	7.6	7.6	7.6	7.5	7.6	7.8	9.6	11.4	12.1	12.2	12.0	11.7	12.0	12.0	11.1	10.3
Year ...	8.8	8.6	8.4	8.3	8.3	8.2	9.2	11.2	12.3	12.9	13.1	13.1	12.9	13.1	13.2	13.1	12.8

[1] Record for 27 days.

WIND—VELOCITY AND FREQUENCY—Continued.

SAN JUAN, PORTO RICO.

[h_a = 56 ft.; local time, 35m fast.] [Seventy-fifth meridian time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean	Max vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	C.	1901.
12.0	11.8	10.6	9.3	8.9	8.8	8.3	10.5	34	48	133	220	142	106	56	5	34	0	Jan.
11.1	9.3	8.1	7.6	6.4	5.8	6.1	8.6	30	43	150	117	184	139	14	3	21	1	Feb.
13.8	13.0	11.1	9.4	8.3	8.3	8.3	11.7	36	26	125	292	228	52	12	0	9	0	Mar.
12.6	10.1	8.4	7.6	7.5	6.6	5.7	9.1	28	42	146	169	193	116	20	5	29	0	Apr.
10.3	9.1	8.0	6.5	5.7	5.5	5.3	8.6	32	15	63	180	287	152	34	4	9	0	May.
13.4	12.0	10.7	9.7	9.8	9.4	8.0	11.6	30	0	40	350	257	60	6	5	0	2	June.
14.2	13.3	13.6	13.0	12.5	12.1	11.4	12.9	52	0	50	477	186	28	2	0	1	0	July.
13.8	12.7	11.3	10.4	9.6	9.8	9.0	11.0	34	0	61	432	199	44	5	1	2	0	Aug.
11.3	9.7	8.7	8.6	7.9	8.0	7.2	9.9	52	16	116	206	208	125	32	5	12	0	Sept.
6.5	6.2	5.8	5.4	4.8	5.2	4.8	6.0	37	39	75	70	154	202	129	44	31	0	Oct.
9.7	9.1	8.0	7.9	7.3	6.8	6.2	8.6	36	17	120	178	162	115	77	14	37	0	Nov.
13.2	12.5	11.2	10.6	9.7	9.3	8.0	11.2	36	5	140	311	182	68	27	9	2	0	Dec.
11.8	10.7	9.6	8.8	8.2	8.0	7.4	10.0	52	251	1,219	3,002	2,382	1,207	414	95	187	3	Year.

SANTIAGO DE CUBA.

[h_a = 52 ft.; local time, 3m slow.]

3.8	3.6	3.7	3.8	3.9	3.5	3.1	4.3	20	138	246	19	83	71	54	13	50	70	Jan.
4.0	3.1	2.5	2.4	2.8	2.5	2.4	3.6	13	87	108	18	133	128	73	13	29	83	Feb.
5.5	3.9	3.5	3.7	4.0	3.3	3.2	4.7	18	129	159	14	92	148	94	12	39	57	Mar.
5.7	4.3	4.3	4.5	4.4	3.6	4.0	5.0	14	220	106	11	48	154	79	11	49	42	Apr.
4.9	3.4	2.8	2.9	2.8	2.5	1.9	3.8	20	123	104	12	67	175	146	14	33	70	May.
3.2	2.4	2.0	1.9	2.3	2.2	1.9	3.3	15	66	121	33	142	162	89	20	21	66	June.
2.9	2.7	2.4	2.4	2.5	2.6	2.2	3.5	20	63	233	77	109	130	33	7	22	70	July.
3.1	2.5	2.4	2.7	2.6	2.4	2.2	3.4	17	93	230	31	79	131	64	14	35	67	Aug.
3.2	3.3	3.7	4.2	4.3	3.9	3.7	4.6	54	160	77	29	132	124	36	14	52	24	Sept.
5.6	4.5	5.5	5.0	5.5	5.2	5.5	6.2	36	311	99	24	86	105	31	10	78	0	Oct.
7.6	7.6	7.7	7.9	7.7	7.4	7.6	8.4	22	456	67	4	21	25	6	2	139	0	Nov.
6.8	6.3	6.9	7.3	7.2	6.9	6.8	7.5	31	346	100	12	43	83	15	15	90	40	Dec.
4.7	4.0	4.0	4.1	4.2	3.8	3.7	4.9	54	2,192	1,650	284	1,035	1,436	720	145	637	589	Year.

SANTO DOMINGO, SANTO DOMINGO.

[h_a=44 ft.; local time, 20m fast.]

5.5	5.0	5.1	4.3	4.7	4.9	4.8	5.9	16	454	85	12	75	62	6	2	45	3	Jan.
6.1	5.2	4.8	4.0	3.8	3.6	4.0	4.9	18	271	71	20	89	113	43	2	42	21	Feb.
6.3	5.9	6.0	5.3	4.9	4.8	4.7	6.0	18	333	86	37	146	83	6	3	46	4	Mar.
																		Apr.
																		May.
																		June.
5.3	5.3	5.6	5.5	5.5	2.5	5.4	5.8	28	406	133	40	109	20	4	5	26	1	July.
5.1	4.9	4.5	5.2	4.9	5.0	5.1	5.7	34	448	97	32	113	25	2	0	26	1	Aug.
5.1	5.0	5.0	5.4	5.6	5.3	5.5	5.5	47	339	77	24	81	101	26	9	57	6	Sept.
4.7	4.6	4.6	4.6	4.2	3.7	4.0	5.2	17	362	81	17	59	111	58	11	32	13	Oct.
4.6	4.3	4.7	4.9	4.9	4.7	4.6	5.6	24	468	123	20	50	24	11	0	22	2	Nov.
5.0	4.7	5.2	5.3	5.4	5.6	5.8	5.9	17	456	135	46	84	5	0	0	18	0	Dec.
																		Year.

WILLEMSTAD, CURAÇAO.

[h_a=46 ft.; local time, 24m fast.]

11.0	9.9	9.9	9.7	9.1	8.5	8.1	10.3	27	1	80	597	66	0	0	0	0	0	Jan.
12.6	10.9	10.5	10.1	10.1	9.6	9.4	11.3	27	0	27	560	84	1	0	0	0	0	Feb.
13.9	13.0	12.4	11.7	11.4	11.1	10.4	12.9	24	0	16	688	40	0	0	0	0	0	Mar.
14.5	13.1	12.3	11.9	11.2	10.8	10.3	12.7	27	0	22	621	77	0	0	0	0	0	Apr.
13.9	12.7	12.5	12.2	11.2	10.5	10.6	12.4	24	0	43	636	65	0	0	0	0	0	May.
16.7	15.7	15.0	14.1	13.3	12.8	12.0	13.9	26	0	34	602	84	0	0	0	0	0	June.
13.8	12.7	12.0	11.5	11.3	10.7	10.6	12.0	27	0	60	573	98	13	0	0	0	0	July.
13.3	12.5	11.3	11.0	10.5	10.3	10.0	11.4	24	11	70	522	107	9	15	5	4	1	Aug.
11.4	10.1	9.9	9.2	8.7	8.4	8.1	9.8	22	14	76	448	144	17	13	3	2	3	Sept.
7.6	6.8	6.6	6.0	5.8	5.3	5.4	6.5	27	62	106	376	109	46	27	5	9	4	Oct.
6.4	6.0	6.0	5.9	6.1	6.0	6.1	6.9	21	12	143	393	53	25	36	15	38	5	Nov.
8.3	7.6	8.1	8.2	8.4	8.1	8.0	9.4	23	3	112	554	50	9	15	0	0	1	Dec.
12.0	10.9	10.5	10.1	9.8	9.3	9.1	10.8	27	103	789	6,570	977	120	106	28	53	14	Year.

SUNSHINE, 1901.

BASSETERRE, ST. KITTS (T.).

[N. lat. 17° 18′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	35	41	61	78	85	90	86	72	77	75	69	44	.....	.....	241.8	69
February	.....	.....	45	48	68	84	91	95	96	96	90	88	67	60	62	.....	254.6	78
March	.....	33	54	72	86	90	94	95	95	99	99	99	93	72	67	.....	325.7	87
April	.....	51	55	79	92	96	99	99	97	98	94	90	76	66	67	.....	321.9	86
May	.....	51	55	79	89	93	95	94	95	96	92	90	53	21	16	.....	305.3	76
June	.....	0	17	47	78	89	89	86	89	82	79	66	27	8	0	.....	226.5	57
July	.....	3	9	52	74	88	90	95	90	84	70	63	40	9	3	.....	238.0	59
August	.....	2	4	46	76	93	97	97	94	88	91	83	68	27	12	.....	269.5	69
September	.....	23	21	53	74	83	85	92	87	82	74	67	57	19	19	.....	240.0	65
October	.....	0	5	49	73	80	85	88	78	79	66	46	32	7	.....	.....	212.9	58
November	.....	0	10	27	61	72	74	72	71	73	63	46	16	0	.....	.....	174.7	51
December	.....	.....	11	11	53	69	83	82	81	81	68	55	19	13	.....	.....	190.6	55
Sum	.....	163	321	604	885	1,010	1,067	1,085	1,059	1,030	963	868	617	346	246	.....	3,001.5	810
Percentage of possible	.....	.....	27	50	74	84	89	90	88	86	80	72	51	29	.....	.....	250.1	68

BRIDGETOWN, BARBADOS (T.).

[N. lat. 13° 04′.]

January	.....	.....	44	75	90	98	98	97	99	99	97	96	82	67	0	.....	315.4	89
February	.....	.....	29	70	96	100	100	99	100	100	100	98	91	72	63	.....	294.3	90
March	.....	50	36	75	95	97	98	98	97	94	89	91	78	58	38	.....	311.1	83
April	.....	34	43	69	85	95	95	96	98	98	91	79	63	50	50	.....	294.1	79
May	.....	42	53	82	86	92	98	97	97	93	94	85	64	32	24	.....	309.4	78
June	.....	6	20	64	77	82	84	88	84	77	67	54	39	12	7	.....	226.1	58
July	.....	14	25	55	68	73	72	73	77	73	68	59	48	35	32	.....	231.4	58
August	.....	48	49	66	70	77	79	76	69	64	63	57	55	48	63	.....	249.6	64
September	.....	55	58	69	74	73	76	81	75	65	60	66	56	43	53	.....	242.4	66
October	.....	38	32	38	71	75	82	79	75	78	70	62	44	38	.....	.....	228.8	62
November	.....	56	39	70	75	86	84	91	93	88	79	64	36	43	.....	.....	248.6	72
December	.....	.....	19	37	58	74	77	80	77	75	63	52	39	42	.....	.....	208.4	59
Sum	.....	338	447	770	945	1,022	1,043	1,055	1,041	1,004	941	862	695	535	330	.....	3,159.6	858
Percentage of possible	.....	.....	37	64	79	85	87	88	87	84	78	72	58	45	.....	.....	263.3	72

CIENFUEGOS, CUBA (T.).

[N. lat. 22° 11′.]

January	.....	.....	78	83	83	87	82	81	81	80	74	61	47	42	.....	.....	251.1	74
February	.....	.....	58	69	69	74	82	78	75	78	78	64	76	73	50	.....	235.3	73
March	.....	80	69	66	72	78	86	92	91	91	82	76	75	69	68	.....	294.9	79
April	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July[1]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
August	.....	53	54	73	85	86	89	86	78	70	68	61	40	26	7	.....	238.3	64
September	.....	80	75	89	98	96	96	95	97	85	77	64	42	25	16	.....	303.4	76
October	.....	45	51	68	76	81	86	91	89	75	71	63	42	14	0	.....	244.7	66
November	.....	63	66	94	100	100	100	100	100	98	93	94	68	33	.....	.....	321.0	89
December	.....	.....	66	91	97	99	97	99	100	98	99	94	80	38	.....	.....	304.8	92
			29	59	82	91	95	92	96	94	82	77	48	37	.....	.....	261.1	78
Sum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage of possible	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

HAVANA, CUBA (T.).

[N. lat. 23° 09′.]

January	.....	.....	51	52	59	69	75	72	73	73	75	75	50	35	.....	.....	220.0	65
February	.....	.....	32	37	59	74	82	86	89	85	83	74	70	52	50	.....	224.5	70
March	.....	80	62	61	70	75	77	80	84	87	92	80	66	50	54	.....	275.9	74
April	.....	56	60	51	74	83	90	93	95	92	93	86	78	69	67	.....	302.1	79
May	.....	64	63	51	79	86	86	82	82	82	75	78	73	41	31	.....	291.6	71
June	.....	40	40	33	49	69	66	58	59	62	49	42	38	28	26	.....	192.9	47
July	.....	58	58	53	63	75	79	75	67	66	51	39	38	28	30	.....	232.8	56
August	.....	47	45	59	75	76	78	78	74	73	56	45	28	27	26	.....	232.9	56
September	.....	63	63	57	68	71	63	60	51	44	27	12	14	11	.....	.....	162.2	40
October	.....	58	39	41	55	68	74	79	76	69	63	40	13	10	.....	.....	194.1	54
November	.....	.....	50	49	50	64	66	75	71	68	56	59	63	65	.....	.....	203.1	61
December	.....	.....	62	55	49	48	49	47	48	46	38	32	29	30	.....	.....	148.9	44
Sum	.....	461	625	605	739	855	893	889	878	854	775	677	556	449	304	.....	2,700.1	728
Percentage of possible	.....	.....	52	50	62	71	74	74	73	71	65	56	46	37	.....	.....	225.0	61

[1] For 28 days.

SUNSHINE, 1901—Continued.

KINGSTON, JAMAICA (T.).

[N. lat. 17° 58′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total. (hours).	Per-centage of pos-sible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	65	68	85	94	92	91	88	77	75	66	49	37	.....	.....	260.9	75
February	.....	.....	69	74	93	89	88	90	93	91	85	74	65	54	44	.....	261.4	81
March	.....	67	74	79	88	93	82	77	79	63	63	56	49	29	25	.....	256.1	68
April	.....	51	58	81	88	91	84	82	73	73	66	55	40	14	13	.....	247.1	66
May	.....	40	48	85	93	92	91	89	82	66	60	44	35	16	13	.....	256.8	64
June	.....	17	28	61	61	64	73	73	66	56	32	29	26	10	7	.....	178.2	45
July	.....	11	20	61	82	92	85	85	75	57	44	36	43	16	16	.....	220.4	54
August	.....	42	44	66	78	88	94	97	87	71	51	33	25	14	11	.....	237.9	60
September	.....	34	36	61	71	75	86	81	83	75	61	46	34	15	24	.....	219.0	60
October	.....	63	59	80	94	98	94	97	90	77	61	45	25	7	.....	.....	257.2	71
November	.....	.....	39	68	85	92	93	92	89	77	63	51	29	20	.....	.....	234.7	69
December	.....	.....	48	59	85	91	96	93	90	81	77	73	48	36	.....	.....	261.2	76
Sum	.....	325	588	843	1,003	1,059	1,058	1,047	995	864	738	608	468	268	153	.....	2,890.9	789
Percentage of possible	.....	.....	49	70	84	88	88	87	83	72	62	51	39	22	.....	.....	240.9	66

PORT OF SPAIN, TRINIDAD (T.).

[N. lat. 10° 35′.]

January	.....	.....	16	19	53	71	66	66	65	61	47	36	25	19	0	.....	166.7	46
February	.....	.....	22	24	58	76	76	71	74	57	58	57	38	34	28	.....	179.2	54
March	.....	0	30	39	48	55	56	53	50	50	46	43	24	15	12	.....	157.5	42
April	.....	47	47	46	48	57	67	66	51	59	63	50	17	9	10	.....	177.2	48
May	.....	32	37	57	65	67	65	58	56	56	50	46	35	11	6	.....	191.0	49
June	.....	16	20	48	57	59	58	47	42	43	38	30	23	8	0	.....	148.7	37
July	.....	10	10	45	68	61	61	63	62	59	51	41	30	8	0	.....	173.8	44
August	.....	25	25	64	64	64	70	65	58	58	57	49	39	16	3	.....	196.5	51
September	.....	41	43	74	84	88	85	83	72	77	63	52	34	17	8	.....	234.0	64
October	.....	45	45	75	87	92	85	77	68	71	55	60	47	16	.....	.....	242.1	66
November	.....	16	40	68	88	83	84	79	70	63	60	53	29	13	.....	.....	217.8	62
December	.....	.....	18	44	60	84	73	76	74	65	55	40	29	2	.....	.....	191.1	54
Sum	.....	232	353	608	780	857	846	804	742	719	643	557	370	168	67	.....	2,270.6	617
Percentage of possible	.....	.....	29	50	65	71	70	67	62	60	54	46	31	14	.....	.....	189.2	51

PUERTO PRINCIPE, CUBA (T.).

[N. lat. 21° 23′.]

January	.....	.....	65	66	74	87	77	78	74	72	72	60	52	58	.....	.....	240.1	70
February	.....	.....	49	57	66	79	78	75	75	72	66	60	48	43	0	.....	207.9	65
March	.....	50	64	78	76	83	82	85	81	72	68	57	46	37	34	.....	256.7	69
April	.....	68	70	69	79	83	88	90	86	83	73	73	61	59	57	.....	286.1	75
May	.....	46	55	75	90	88	86	85	87	72	58	49	33	21	14	.....	258.2	63
June	.....	20	23	29	52	65	77	70	69	51	49	34	21	16	10	.....	173.6	43
July	.....	29	31	36	64	85	90	86	83	72	60	42	28	20	17	.....	225.1	55
August	.....	63	60	57	79	89	91	90	86	77	66	51	34	19	4	.....	255.2	64
September	.....	52	46	48	65	69	78	73	74	55	44	30	13	10	17	.....	185.1	50
October	.....	39	55	61	69	74	81	75	71	61	56	43	23	17	.....	.....	211.0	58
November	.....	.....	50	53	68	65	65	72	62	57	48	37	35	38	.....	.....	184.7	55
December	.....	.....	34	33	45	48	44	47	49	38	35	26	25	20	.....	.....	128.6	38
Sum	.....	367	602	662	825	915	937	926	896	782	695	562	419	358	153	.....	2,612.3	705
Percentage of possible	.....	.....	50	56	69	76	78	77	75	65	58	47	35	30	.....	.....	217.7	59

ROSEAU, DOMINICA.

[N. lat. 15° 17′.]

January	.....	.....	29	32	61	78	89	87	87	85	83	84	75	60	.....	.....	256.3	73
February	.....	.....	44	50	78	88	99	97	100	98	90	82	74	76	65	.....	269.5	82
March	.....	100	29	29	55	77	85	80	82	90	85	86	78	66	67	.....	263.8	70
April	.....	42	50	63	76	91	93	96	95	94	94	95	87	82	80	.....	314.0	84
May	.....	41	39	61	67	81	86	90	85	77	87	78	71	48	42	.....	280.6	71
June	.....	3	4	26	56	69	82	80	77	71	63	60	45	24	16	.....	199.8	51
July	.....	6	6	25	67	71	70	80	78	73	72	73	60	39	35	.....	228.4	57
August	.....	10	10	42	71	84	85	89	85	86	82	76	64	46	40	.....	259.4	66
September	.....	36	30	50	72	77	76	76	74	73	74	74	59	36	18	.....	235.2	64
October	.....	51	48	67	77	88	94	86	87	87	75	67	46	6	.....	.....	258.6	71
November	.....	20	17	45	63	70	76	81	75	75	68	65	35	19	.....	.....	204.0	59
December	.....	.....	24	45	79	85	92	91	91	90	84	81	67	42	.....	.....	261.7	75
Sum	.....	309	336	535	822	959	1,027	1,033	1,016	999	957	921	761	544	363	.....	3,031.3	823
Percentage of possible	.....	.....	28	45	68	80	86	86	85	83	80	77	63	45	.....	.....	252.6	69

SUNSHINE 1901—Continued.

SAN JUAN, PORTO RICO (T.).

[N. lat. 18° 29′.]

1901.	Percentage of sunshine recorded during hours ending (local time)—															Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	
January	.....	.....	36	44	61	74	84	89	85	87	85	75	50	28	.....	.....	239.4	69
February	.....	.....	26	44	62	89	92	91	88	84	83	81	61	34	11	.....	236.5	73
March	.....	0	12	48	68	77	85	85	85	77	72	75	71	39	11	.....	247.2	66
April	.....	7	39	78	91	90	92	96	94	96	87	72	56	29	7	.....	277.8	74
May	.....	8	26	64	75	84	87	81	74	62	84	82	28	13	2	.....	206.1	51
June	.....	3	4	34	63	70	56	50	57	68	64	55	39	16	0	.....	173.6	44
July	.....	0	1	15	46	59	70	71	73	68	55	49	32	10	3	.....	171.0	42
August	.....	6	13	45	73	85	85	75	74	72	75	65	60	29	28	.....	236.9	60
September	.....	23	25	55	79	82	87	82	73	68	54	44	36	6	10	.....	208.9	57
October	.....	10	11	64	76	85	82	75	64	52	44	35	17	5	.....	.....	188.3	52
November	.....	0	0	22	54	64	65	61	64	61	49	44	16	9	.....	.....	151.6	45
December	.....	.....	4	10	55	63	69	72	74	73	60	54	11	3	.....	.....	166.3	49
Sum	.....	57	197	523	823	922	954	928	905	870	762	681	477	221	72	.....	2,505.6	682
Percentage of possible	.....	.....	16	44	69	77	80	77	75	72	64	57	40	18	.....	.....	208.8	57

SANTIAGO DE CUBA (T.).

[N. lat. 19° 55′.]

January	.....	.....	82	81	82	80	82	75	77	82	79	59	63	50	.....	.....	256.9	75
February	.....	.....	82	86	84	82	89	81	84	77	71	75	74	62	50	.....	253.7	79
March	.....	75	80	78	70	77	81	80	75	77	67	56	67	62	55	.....	270.1	72
April	.....	70	75	73	76	80	92	90	86	79	74	72	62	55	40	.....	283.9	75
May	.....	86	86	80	76	74	82	86	87	87	79	61	43	31	23	.....	289.8	71
June	.....	61	62	68	69	66	67	65	66	55	54	39	20	16	15	.....	209.1	52
July	.....	86	86	81	86	88	85	77	79	67	53	37	20	9	7	.....	253.4	62
August	.....	89	89	86	93	92	85	88	88	85	65	50	33	23	19	.....	283.9	72
September[1]	.....	60	67	64	72	73	77	57	51	57	45	29	12	12	10	.....	163.0	51
October	.....	61	57	78	90	94	92	85	85	70	58	36	18	22	.....	.....	242.0	67
November	.....	.....	67	61	72	82	89	84	84	72	63	49	29	25	.....	.....	225.6	67
December	.....	.....	58	59	68	76	81	76	77	72	64	50	47	53	.....	.....	224.0	66
Sum	.....	588	891	895	937	963	1,002	944	939	880	772	613	488	420	219	.....	2,955.4	809
Percentage of possible	.....	.....	74	75	78	80	84	79	78	73	64	51	41	35	.....	.....	246.3	67

SANTO DOMINGO, SANTO DOMINGO (T.).

[N. lat. 18° 28′.]

January	.....	.....	61	59	57	74	81	78	86	81	72	71	52	45	.....	.....	239.1	69
February	.....	.....	71	71	77	76	84	86	89	91	88	81	75	75	44	.....	261.6	81
March	.....	100	70	66	63	68	69	68	70	68	58	54	44	44	47	.....	230.7	62
April	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July	.....	46	54	73	87	88	88	87	80	71	65	55	37	15	4	.....	255.4	63
August	.....	82	81	84	87	92	94	87	86	76	77	73	49	25	24	.....	293.0	74
September	.....	54	54	68	81	85	85	80	79	70	67	57	34	24	33	.....	238.7	65
October	.....	67	65	74	89	93	93	90	91	87	79	58	29	21	.....	.....	268.6	74
November	.....	0	47	49	54	71	86	76	81	74	55	48	25	20	.....	.....	200.1	59
December	.....	.....	59	57	67	83	84	83	78	76	61	56	36	41	.....	.....	228.6	66
Sum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage of possible	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

WILLEMSTAD, CURACAO (T.).

[N. lat. 12° 06′.]

January	.....	.....	35	41	62	70	79	76	79	82	76	73	63	53	50	.....	288.8	67
February	.....	.....	29	39	59	76	82	80	82	88	87	68	70	60	62	.....	234.6	71
March	.....	0	26	34	62	88	93	89	92	90	86	80	63	45	45	.....	265.1	71
April	.....	0	0	7	32	71	75	80	82	81	81	85	68	37	37	.....	212.1	57
May	.....	10	10	28	52	69	72	58	65	72	86	76	57	32	30	.....	214.3	51
June	.....	10	11	34	55	72	66	62	71	76	87	95	77	46	31	.....	227.8	59
July	.....	10	13	44	61	71	67	59	53	76	80	86	73	36	26	.....	227.6	58
August	.....	13	16	45	60	72	81	79	75	84	95	92	70	27	6	.....	248.4	64
September	.....	17	25	64	75	88	85	92	88	93	91	90	77	42	50	.....	278.1	75
October	.....	24	41	77	77	79	79	79	88	94	89	84	74	34	.....	.....	275.7	75
November	.....	7	24	60	74	71	70	69	67	76	79	75	61	26	.....	.....	223.8	64
December	.....	.....	16	60	71	77	75	72	77	78	84	86	74	29	.....	.....	243.4	69
Sum	.....	91	246	539	740	899	924	896	919	990	1,021	1,000	827	467	387	.....	2,884.7	784
Percentage of possible	.....	.....	20	45	62	75	77	75	77	82	85	83	69	39	.....	.....	240.4	65

[1] For 26 days.