U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

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.

UNITED STATES DEPARTMENT OF AGRICULTURE,
CENTRAL OFFICE OF THE WEATHER BUREAU,
Washington, D. C., August 29, 1913.

SIR: In submitting this annual report of the operations of the Weather Bureau during the fiscal year ended June 30, 1913, it seems proper to state that the undersigned entered upon his duties as Chief of the Weather Bureau August 4, 1913. Consequently such of the report as relates to work done during the past fiscal year deals with affairs accomplished under the administration of his predecessor.

Very respectfully,

CHARLES F. MARVIN,
Chief of Weather Bureau.

Hon. D. F. HOUSTON,
Secretary of Agriculture.

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CONTENTS.

	Page.
PART I.—Administrative report	7
Stations and observations	9
Orchard investigations	9
Water resources by snow surveys	9
Observatory buildings	9
Telegraph service	10
Forecasts and warnings	10
River and flood service	10
Meteorological records and publications	10
Library	11
Technical studies and research	11
Aerial investigations	11
Solar radiation investigations	12
Standardization of anemometers	13
New recording rain gage	13
PART II.—General summary of the weather conditions in the United States, by months, during the year 1912, with 4 charts of temperature and precipitation	15
Annual summary, Canadian stations, 1912	26
List of observing stations and changes therein during 1912	27
Sunshine, 1912	35
Details of excessive rainfall, 1912	42
PART III.—Climatology: Monthly and annual meteorological summaries, 1912	57
PART IV.—Climatology: Monthly and annual amounts of precipitation, 1912	161
Monthly and seasonal snowfall, 1912–13	209

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PART I.

ADMINISTRATIVE REPORT.

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REPORT

OF THE

CHIEF OF THE WEATHER BUREAU.

STATIONS AND OBSERVATIONS.

The station and observational work of the Weather Bureau has arrived at the present stage through a slow process of development. In the beginning stations were established primarily for the purpose of furnishing data for use in weather forecasting, being supplemented, nevertheless, by the numerous cooperative stations, the nucleus of which was taken over from the Smithsonian Institution. In later years the value of weather observations has greatly increased because of the increasing application of scientific methods to agriculture and to many lines of commercial activity. An insistent demand for stations has therefore sprung up from all large centers of trade and commerce—a demand that has been met by the maintenance of a large number of so-called corn and wheat, sugar and rice, and cotton region stations, and the like.

It is scarcely possible to estimate the great value of this service in the interests of agriculture and commerce, and in reality we are but just beginning to realize its possibilities.

ORCHARD INVESTIGATIONS.

This line of work was inaugurated in 1912, and more completely organized during the past year by the establishment of numerous stations in certain orchards in western North Carolina, Colorado, Utah, southern California, and Oregon, with the object of correlating certain climatic phenomena and topographic conditions in their bearing on the occurrence and distribution of frosts in the orchards under investigation. Valuable reports are now coming in from these projects for discussion by Prof. H. J. Cox, at Chicago.

WATER RESOURCES BY SNOW SURVEYS.

A new line of work was inaugurated two years ago, and continued last year, by A. H. Thiessen, in charge at Salt Lake City, who advocated systematic measurements of the blanket of snow remaining on the ground at the close of winter over the entire watershed of streams that contribute to important irrigation projects. Such snow blankets constitute the chief storehouse of water supply for the irrigation service in question. Mr. Thiessen has shown that, in certain cases at least, definite measurements of the actual available water supply can be made early in the spring of each year, with the result that the irrigation service can be conducted throughout the following summer upon a basis of comparative facts rather than averages or estimates. The great value of water-resource measurements of this character is obvious, and the service is being extended.

OBSERVATORY BUILDINGS.

The Weather Bureau observatory building at Key West, Fla., which replaced the one that was so badly damaged by the hurricane of October 11, 1910, as to make a new structure necessary, was completed and occupied on January 23, 1913.

The construction of two new observatory buildings was authorized by Congress at its last session. These buildings will be located at Cincinnati, Ohio, and Sandy Hook, N. J. It is expected that they will be completed and occupied before July 1, 1914.

TELEGRAPH SERVICE.

The importance of the telegraph service is coequal with that of stations and observations, at least with respect to the forecast work and the immediate dissemination of important information.

One of the few telegraph lines owned and operated by the Weather Bureau runs along the south Atlantic coast from Cape Henry to Hatteras. Four hundred and seventy-five old and worn-out poles were replaced at points along this line during the past year, and a new submarine cable 1¾ miles long was purchased and will be laid in August of the present year across Oregon Inlet, N. C., to replace the old defective cable deeply buried in sand at that point. Further minor repairs will be effected on this line and better provisions made for the maintenance and repair of the line. Some slight improvements will also be effected on the Port Crescent-Tatoosh Island line. In fact, a small building is needed on this line at Neah Bay, Wash.

FORECASTS AND WARNINGS.

The nature of this service is such that but a small part of it can be regarded as essentially new work. The issue of the weekly forecasts, as well as of the daily forecasts, was continued during the year. The weekly forecast is prepared each Sunday morning and immediately distributed through the channels of the press associations and by mail. It is revised Monday and published in the National Weekly Weather Bulletin, issued each Tuesday during the crop-growing season.

A number of special stations have been established in the tobacco fields of Wisconsin, and frost warnings will hereafter be issued for the benefit of this industry.

Through cooperation with the naval radio service of the Navy Department, arrangements have been completed for a daily broadcast distribution of wind forecasts and warnings from two points—Radio, Va., and Key West, Fla.—beginning July 15, 1913. By this means it is hoped to place valuable information in the hands of each shipmaster approaching or navigating the coastal waters of the eastern United States and the West Indies.

The further study of meteorological data with the view of increasing the percentage of accuracy of the daily and weekly forecasts and, if possible, of extending the forecast period beyond one week will be continued as in the past, but particular attention will now be paid to the synoptic charts of the whole northern hemisphere that have become available for such studies only in the past few years.

The study of fog forecasting on the Great Lakes and the ocean coasts was conducted a number of years ago by one of the forecasters, and the results obtained justify a resumption of the study in so far as time permits.

RIVER AND FLOOD SERVICE.

No essentially new work was conducted during the year, although the flood conditions in the Ohio Valley during March, 1913, will form the subject of a special bulletin or monograph thereon. The flood waters later passed down the Ohio and into the lower Mississippi, causing a great flood in the latter, which, following so closely upon the destructive flood of 1912, has directed public attention anew to the menace of floods in the lower Mississippi. A careful survey of the money loss in the 1913 floods places the total at $145,000,000.

METEOROLOGICAL RECORDS AND PUBLICATIONS.

The customary routine of checking, verifying, compiling summaries, and other disposition made of the large volume of climatological data annually collected by the bureau was continued during the year. The work is practically up to date, and the processes of binding, filing, and otherwise providing for the preservation of this valuable collection have received most careful attention.

The well-known serial and other regular publications of the bureau have been issued in due course.

The project of publishing marine meteorological charts of the oceans was continued until August, 1913, and near the close of the year the whole question of the issue of such charts was given careful study by a committee of Weather Bureau officials, acting in conferences with the Chief Hydrographer of the Navy Department. A unanimous conclusion was reached that an unnecessary duplication existed, and agreements have been formulated for the discontinuance of the issue of meteorological charts by the Weather Bureau and the apportionment of marine meteorological work along lines mutually satisfactory to all parties interested.

A contribution to the literature of floods in the rivers of the United States, entitled "Run-off and Streamflow, Piedmont Section of the Savannah River Watershed," was prepared.

An important monograph entitled "The Great Flood of 1913" is practically completed and will fully discuss the meteorology, hydrology, and other aspects of this unusual event.

A bulletin on the winds of the United States, in course of preparation last year, has been still further delayed pending the securing of additional data regarding variations in velocity with changes in elevation, which it is hoped to obtain from comparative observations of wind movement now being made.

LIBRARY.

About 33,000 volumes of books and pamphlets, including many old and rare works on meteorology, now constitute the meteorological library of the Weather Bureau, and a comprehensive catalogue and index serves to render the information stored in this splendid collection readily accessible to the student and worker generally. Early in January, 1913, the library moved to new and enlarged quarters and was thus enabled to undertake a complete rearrangement and reclassification of the books, which is now in progress.

The librarian has for a number of years acted as supervising examiner in connection with the promotion examinations heretofore conducted by the Weather Bureau in grammar, arithmetic, elementary meteorology, essay writing, algebra, and trigonometry. These examinations were conducted as usual during the past year, 302 employees taking the examinations, and of this number 288 passed, or 76 per cent.

TECHNICAL STUDIES AND RESEARCH.

Legitimate investigations and research are the processes by which the Weather Bureau as an institution grows and attains to greater things, better service, and a mastery over the conditions and phenomena of nature that may render them subservient and beneficent to mankind. The activity of the bureau in this field is, therefore, an index of its prospective growth.

The work outlined below, in so far as it relates to the past year, is of established value and justified by the attitude of meteorological services throughout the world.

The observatory at Mount Weather is headquarters for much of the systematic scientific work conducted by the bureau, and the results for the year may be summarized as follows:

Aerial Investigations.

Prof. W. R. Blair in Charge.

The diurnal convective system.—One hundred and eighty-three free-air observations to an average height of 3 kilometers were made in 15 complete series lasting for a period of 24 hours or longer. Kites, occasionally supplemented by captive balloons, were used to carry the meteorograph. A series of observations was made in every 24-hour period throughout which kites could be used. The elements observed are air pressure, temperature, and humidity, wind velocity and direction, and the atmospheric electric potential. The purpose of these observations is to effect as complete a study as possible of the diurnal convective system. This system is interesting in itself and is to a certain extent typical of the larger convective systems. Conclusions upon the diurnal variation of air pressure, wind velocity, and wind direction, as observed in these 15 series and in three similar series made the year before, can not well be stated until the data have been further reduced and studied. The temperature distribution up to about the 1.5-kilometer level shows the same type of diurnal variation as is observed at the

earth's surface. In the region near the 1.5-kilometer level a second maximum of temperature appears after midnight, while the 3 p. m. to 4 p. m. maximum practically disappears. Above this region the 2 a. m. to 4 a. m. maximum is the principal one, the minimum for the day being found at 2 p. m. to 3 p. m., or earlier. There is some variation with the season in the times given for the above maxima and minima. Diurnal variation of the moisture content of the air is closely related to the diurnal temperature distribution. Current publication of the data on the diurnal variation of the different meteorological elements and some discussion of these data were begun in the Bulletin of the Mount Weather Observatory, Volume IV, page 344, and continued in succeeding volumes.

INTERNATIONAL COOPERATION.—Free-air observations on days selected by the international commission were made in cooperation with the commission.

THE FIVE-YEAR SUMMARY.—A complete summary of the data obtained in the five years ended June 30, 1912, has been nearly completed.

MOUNTS WILSON AND WHITNEY EXPEDITION.—Plans were begun in February, 1913, for an expedition to southern California in cooperation with the Smithsonian Institution. Measurements of solar radiation and nocturnal terrestrial radiation at different altitudes and measurements of the total moisture content of the atmosphere above Mount Wilson will be made by the Smithsonian Institution, while the Weather Bureau makes aerial soundings with captive and with free balloons. All preparations for this expendition were completed June 28, 1913.

Solar Radiation Investigations.

Prof. H. H. KIMBALL in Charge.

APPARATUS.—To the equipment of the Mount Weather Observatory enumerated in the last annual report has been added a Sharp-Miller photometer, which, with the assistance of the Bureau of Standards, has been adapted to the measurement of daylight intensities. A Pickering polarimeter has been added to the equipment at Madison, Wis., and a Marvin pyrheliometer was installed at Santa Fe, N. Mex., in October, 1912.

THE DIMINISHED ATMOSPHERIC TRANSPARENCY OF 1912–13.—The most interesting feature of the observational data for the year is the marked decrease in solar radiation intensities and in the polarization of skylight, which was first noted at Mount Weather in the observations of June 10, 1912. The intensity of direct solar radiation with the sun 60° from the zenith averaged only about 85 per cent of its normal value during the second half of 1912, and but little more than this during the first half of 1913. The polarization of skylight averaged about 66 per cent of its normal value during the second half of 1912 and about 75 per cent of the normal during the first half of 1913. Similar depressions are apparent in solar radiation and skylight polarization data for the years 1884–1886, 1889–1892, and 1902–1904. Each of these periods followed volcanic eruptions of unusual violence. The low values of solar radiation and skylight polarization the past year are therefore attributed to the scattering of the solar rays by the volcanic dust that was thrown to great heights in the atmosphere by the eruption of Katmai Volcano, in Alaska, in June, 1912.

EFFECT OF DECREASED SOLAR RADIATION INTENSITIES UPON AIR TEMPERATURES.—The three periods of decreased solar radiation intensity, culminating in 1885, 1891, and 1903, were also periods of low temperatures in the United States, and, indeed, in the Northern Hemisphere. While the minus temperature departures were no greater than have occurred in other years, they persisted for a longer time—in the United States for four consecutive years, in the first instance, and for three consecutive years in each of the other two. Since this is a result that might logically be anticipated, Prof. Kimball, in charge of these investigations, made the prediction in a letter to the chief of bureau, dated November 30, 1912, that if the present hazy conditions continue, as is expected, the temperature in the United States will probably fall slightly below the normal in 1913, especially during the first half of the year. This forecast has already been verified, so far as the year has advanced; that is, the temperature in the United States has averaged slightly below the normal during the first half of 1913 and mark-

edly so in February and March. Details of this important matter are discussed by Prof. Kimball in the pages of the Bulletin of the Mount Weather Observatory.

Prof. W. J. Humphreys also has devoted attention to the effects resulting from the ejection of great quantities of volcanic dust particles of minute size into the upper regions of the atmosphere, and has prepared a valuable contribution to the literature on this subject that is now in course of publication simultaneously in the Journal of the Franklin Institute and the Bulletin of the Mount Weather Observatory.

DIFFUSE SKY RADIATION.—Besides the standardization of Marvin pyrheliometers employed in measurements of direct solar radiation, considerable time has been devoted to the determination of the constants of a Callendar pyrheliometer, with a view to employing it in measuring the diffuse radiation received from the sky alone, as well as in measurements of the total radiation received from both sun and sky. The standardization has been effected by means of comparisons with a Marvin pyrheliometer when both were exposed to radiation intensities varying from the total of direct solar radiation to one-tenth that amount.

It has been found that at Mount Weather on cloudless days from 15 to 30 per cent of the total radiation received on a horizontal surface at noon is diffuse radiation from the sky. The clearer the sky the smaller is this percentage.

Work of this character bears on nearly all lines of investigation and observation undertaken by the bureau and justly deserves every possible encouragement. In several important cases—such, for example, as the measurement of solar radiation, intensity of daylight, evaporation, and even the seemingly simple element of atmospheric moisture—the insufficiency of any known instrumental apparatus appropriate to the work constitutes a distinct barrier to progress. The status of this work is indicated in what follows:

STANDARDIZATION OF ANEMOMETERS.—An investigation of the indications of the anemometer, with special reference to exceptionally high velocities, was undertaken just before July 1, 1912. A large motor-driven whirling machine having a horizontal arm 30 feet long, adapted to carry the anemometer to be tested at the end thereof, and capable of being driven at all velocities up to 75 to 100 miles per hour, measured at the anemometer, was employed for this purpose. The apparatus was installed in the open air at Mount Weather Observatory and tests made from October 9 to November 16, when outdoor weather conditions prevented further work. During the early spring months of the past year the tests were supplemented by comparisons made on the roof of the central office building at Washington of anemometers of different and peculiar construction for the purpose of showing the effect of modifications on the indications of the instrument. Much valuable technical information has thus far been secured, but the investigation has been temporarily interrupted by the official in charge having become Chief of the Weather Bureau. Provision for the completing of the work will, however, soon be made.

REVISION OF PSYCHROMETRIC TABLES.—Revision of the psychrometric tables in current use is a matter that should receive early attention. Within the past five years there has been an entire revision of the fundamental measures of the saturation pressure of aqueous vapor. This work has been carried out at the Physikalisch-Technischen Reichsanstalt, at Charlottenburg, and represents, to a certain extent, practically final accuracy in all values of vapor pressures. While the new values at ordinary atmospheric temperatures differ by only small amounts from those heretofore used, yet the latter are not satisfactory, and the present state of applied physical science in this respect calls for a revision of the tabulation of the vapor pressure, and this has been in progress during the year as opportunity to do the work has offered. The revision and extension of the psychrometric formula itself is of still greater importance. At the present time standard psychrometric tables practically terminate at 120° or 13° on the Fahrenheit scale, whereas many demands exist for psychrometric data for temperatures up to and exceeding 200°, as, for instance, in connection with the artificial drying of lumber, the study of cooling towers, and in many manufacturing processes.

NEW RECORDING RAIN GAGE.—The automatic rain gage heretofore used by the Weather Bureau is well adapted to the needs of fully equipped stations, but a considerable demand has

existed for a type of gage that could be installed at country places and, to a certain extent, left to itself for a period of at least several days, and, nevertheless, procure a complete record of precipitation for the interval. A superior gage meeting these requirements, capable of giving a continuous record of reliable character for a period of eight days without attention, has been devised. A model of the gage is now nearly completed, and it is confidently expected that the new apparatus will find a valuable use in the extension of automatic records into regions from which results could hardly have been obtained with any of the mechanisms heretofore available.

PART II.

GENERAL SUMMARY OF THE WEATHER CONDITIONS IN THE UNITED STATES DURING THE YEAR 1912, WITH CHARTS.

LIST OF OBSERVING STATIONS AND CHANGES THEREIN DURING 1912.

SUNSHINE, 1912.

DETAILS OF EXCESSIVE PRECIPITATION, 1912.

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REVIEW OF WEATHER CONDITIONS DURING THE YEAR 1912.

By P. C. Day, Climatologist and Chief of Division, Weather Bureau.

The following summary of the weather for 1912 conforms largely with that appearing in the several numbers of the National Weather Bulletin, issued by months during January, February, March, October, November, and December, and by weeks during the principal crop-growing period, April to September, inclusive.

The most important departure of weather conditions from the normal for the year 1912 was the unusually severe cold that prevailed during the first three months in the districts to the eastward of the Rocky Mountains. Extreme cold was not more marked than has occurred in previous years, but for length of time during which severe cold was almost continuous the months of January, February, and March, 1912, are probably unsurpassed during the past 40 years. The period was especially cold in the central valleys and Lake region, and the amount of ice that formed on the rivers and lakes of those districts was far in excess of the normal, and in the Great Lakes region especially the ice was reported as being the heaviest within its recorded history.

Following close upon the record-breaking cold of the first three months of the year, heavy rains and snows during the latter part of March and early April in the drainage basins of the Ohio and middle Mississippi Valleys, together with the rapid melting of a considerable body of snow already on the ground and the deeply frozen condition of the soil, caused one of the worst floods in the history of these rivers. Much land was overflowed in the lower Mississippi Valley and millions of dollars worth of property was destroyed.

The unfavorable weather of the winter greatly injured the winter-wheat crop in some of the States of the Ohio Valley, and the resulting yield at the time of harvest was in large areas scarcely 50 per cent of the usual crop. Good yields, however, in the States to the westward of the Mississippi River and in the spring-wheat States brought the total wheat crop up to the usual amount.

The distribution of the rainfall during the spring and summer months was favorable for corn and other cereals, and the ideal weather conditions attending their ripening enabled the gathering of crops that, on the whole, were among the greatest on record.

JANUARY.

Temperature.—The month began with cold weather over the Northwest, the center of lowest temperature overlying the Valley of the Red River of the North, while in the far Southwest the unusual cold that had prevailed during the latter part of the preceding month continued.

With slight variations the weather continued to grow colder until about the 7th of the month, when the entire country to the eastward of the Rocky Mountains was in the grip of an unusually severe cold wave, the temperatures over the Great Plains from Kansas to the Dakotas and thence eastward to the Great Lakes and Ohio Valley, ranging from 20° to 40° below the normal. With but slight interruptions severe cold continued till about the middle of the month, during which time the minimum temperatures approached, and in some cases exceeded, the lowest recorded at any time during the preceding 40 years.

During the latter half of the month there was a reaction to somewhat warmer weather over the southern and western districts, but it continued cold throughout the month from the

upper Mississippi Valley eastward to New England and southeastward to the middle Atlantic coast.

During the prevalence of this severe cold over the United States and the Canadian Northwest Provinces the temperatures in Alaska were remarkably high, in fact, save on a few dates, they were much higher than at points in the States.

Precipitation.—The precipitation was generally light, except over the east Gulf and south Atlantic States and in the far Northwest, where the fall was somewhat above normal. In the west Gulf States and thence northeastward to the Lake region there was a very general deficiency of from 1 to 2 inches or more, and there was a large deficiency over southern California and other portions of the far Southwest.

Snow.—There was generally less than the average snowfall in the upper Ohio Valley and north Atlantic States, but the amounts were quite heavy in portions of the Plains region and middle Mississippi and lower Ohio Valleys, while in the mountain districts of the West there was nearly everywhere a general deficiency which was most pronounced in California and the Southwest.

FEBRUARY.

Temperature.—Continued cold was the rule during the first half of February, freezing weather extending into the Gulf coast region and the Florida Peninsula during the 5th to 7th, and destructive frosts in southern Florida were only averted by the timely occurrence of clouds and rain. Severe cold again prevailed from the Missouri and Mississippi Valleys eastward by the 9th, continuing several days and again extending to the Gulf coast and the Florida Peninsula.

The average temperature for the first 14 days of the month over the districts from the Rocky Mountains eastward was, as in January, far below the normal. To the westward of the mountains, however, the temperatures were more moderate and in the extreme northwest the period was considerably warmer than the average.

The latter half of the month was more moderate as to temperature except that at the close a cold wave of considerable severity had overspread the central valleys and more northern districts. The temperatures in Alaska continued unusually high; in fact on but few days of the month, from observations made about 6 p. m. local time, were the temperatures below zero, and in the very heart of the Territory, near the Arctic Circle, they were frequently well above that point.

Precipitation.—As in January, the precipitation was generally light over much of the country. The first two decades of the month were unusually free from severe storms, and it was not until about the 20th to 22d that any general storm prevailed. This storm moved from the west Gulf and southern Plains region to the Ohio Valley, lower Lake region, and New England, accompanied by rains in the southern and snows in the northern sections of the country to the eastward of the Mississippi. A second storm moved over nearly the same course from the 25th to 27th, with some heavy snow from the middle Rocky Mountains and northern Texas eastward to lower Michigan, and heavy rains in the Ohio Valley, Middle Atlantic States, and New England.

To the westward of the Rocky Mountains generally dry weather continued, especially over California and the Southwest, where the season to date was among the driest of record.

Snow.—At the close of the month there was a considerable body of snow on the ground from western Kansas and eastern Colorado northeastward to the Lake region and over northern New York and much of New England, but elsewhere east of the Rocky Mountains there was but a light covering.

In the central Rocky Mountain region there was considerable snow and nearly the normal amounts were stored in the mountains of Montana and Idaho, but elsewhere in the western mountain districts there was less snow than usual, and in California and the States of the far Southwest the deficiency of snow in the mountains was unusually great.

MARCH.

Temperature.—The month opened with a cold wave of considerable severity over the central valleys and northern districts, but to the westward of the Rocky Mountains more moderate temperatures prevailed. Unusually cold weather continued in the interior portions of the country with but few interruptions throughout the first half of the month, and it was generally cold in most other districts except over the Florida Peninsula and in the far Northwest, where the first half of the month was as warm as or slightly warmer than the average.

Over the eastern slope of the Rocky Mountains and generally in the Great Plains and middle Mississippi Valley regions the first half of the month was remarkable for the long duration and severity of the cold, the average departure of the mean temperature for the period from the normal ranging from $-10°$ to $-15°$ per day.

During the second half of the month some severe cold occurred about the 19th to 23d and again at the end of the month over the interior and northern districts, and it was cool in other districts also, but the temperatures were not abnormally low.

For the month as a whole the temperature averaged unusually low from the Rocky Mountains to the Mississippi and Ohio Valleys, and in portions of the Great Plains region it was one of the coldest months of its name in many years.

Precipitation.—Unlike the two preceding months, March had abundant precipitation in nearly all districts. Heavy rains occurred during the early part of the month in central and southern California and rain and snow were more or less frequent during the same period over much of the Southwest.

No less than five general storms having their origin in the Southwest moved across the lower Mississippi and Ohio Valleys during the month, accompanied as a rule by heavy precipitation. As a result there was an excess of from 2 to 4 inches or more above the average precipitation over a large area, embracing nearly the entire central and southern portions of the country, and nearly all streams to the eastward of the Rocky Mountains were more or less in flood at some period during the month.

The most severe floods were in the Ohio and middle and lower Mississippi Valleys, where much land was overflowed and immense damage resulted. The flood in the lower Ohio and middle and lower Mississippi Rivers was still in progress at the end of the month, with every prospect that the stages reached would be the highest ever recorded.

Snow.—The amount of snow was much below the normal fall for March over nearly all northern districts, especially in the upper Lake region and upper Mississippi Valley. On the other hand, snow was unusually heavy in portions of the middle Plains region and lower Missouri and middle Mississippi Valleys, in fact the snowfall over the greater portion of Kansas, Nebraska, Iowa, and Missouri was the heaviest that has occurred in March for the past 30 years or more.

The ice in the Missouri and Mississippi Rivers and their tributaries broke up and moved out as a rule during the latter part of the month, and similar conditions prevailed in the navigable streams of the north Atlantic coast.

In the Lake region the harbors continued heavily icebound at the end of the month and there were but few signs of the ice breaking up in the open lakes.

APRIL.

Temperature.—Along the northern border from the Lake region to New England and in portions of the Great Plains the first of the month was cold, but over the remaining districts moderately warm weather had set in, which gradually overspread the entire country till about the end of the first decade. Cold weather for the season then developed in the far Northwest and during the following few days it overspread the districts to the eastward and southward, and some unusually low temperatures occurred in California and the Southwest about the 12th. This cold area gradually spread over the districts to the eastward of the Rocky Mountains.

reaching the Atlantic coast about the 20th, and causing freezing temperatures, or lower, as far south as Kansas and in the mountain districts of Arizona and New Mexico, and frosts in Tennessee and northern Georgia.

During the first 15 days the average temperature was above the normal over all districts from the Rocky Mountains eastward, except in New England and portions of New York, where the period was moderately cold. It was colder than the average also in the far Southwest and over the entire Pacific coast section.

During the latter part of the month the weather continued cold in the districts to the westward of the Mississippi, and frosts and freezing temperatures prevailed in the Rocky Mountain and Great Plains regions. Over the Southern States and along the Atlantic coast the latter half of the month was moderately warm.

Precipitation.—The general rainy condition that prevailed over the more southern districts during March, continued into April, and heavy rains occurred near the beginning of the month in the watersheds of the Ohio and lower Mississippi Rivers, further augmenting the flood conditions that prevailed in those rivers at the end of March.

During the remainder of the month rainfall was frequent and in many sections of the great cereal and cotton-producing States the continued wet and cold condition of the soil greatly interfered with farming operations and delayed the development of vegetation. The precipitation over the central valleys and Gulf States was far above the average, and floods of moderate character prevailed in many of the rivers of the region referred to.

Snow.—Some heavy snows occurred during the early part of the month in portions of New York and New England, and there was a heavy fall in portions of eastern Iowa and the adjoining parts of Illinois and Wisconsin on the 17th and 18th, the depth reaching more than 1 foot at points in northern Illinois.

The snowfall in the mountain regions of the West was heavy in the more northern districts and moderate in other portions. The generally cool weather during the month prevented any rapid melting of the snow stored in the high mountains, and the outlook for water for irrigation was somewhat improved despite the general deficiency in the winter's supply in many localities.

MAY.

Temperature.—During the first two weeks of May the temperature conditions over the eastern half of the country were the most favorable of the season to that time. Over the western districts, especially in the Rocky Mountain region, the first half of the month continued cold and backward.

Near the middle of the month an extensive area of cold overspread the Rocky Mountain and Great Plains regions and freezing temperatures occurred at exposed points in those localities. The cold extended eastward into the central valleys and eastern districts, and the temperatures of the third week of the month were decidedly low as a whole throughout these districts. To the westward of the mountains the third week of the month was fairly warm, especially over the far Northwest, and on the whole it was the most favorable since the beginning of the season. The last week of the month was generally warm and favorable over all districts to eastward of the Rocky Mountains, but to the westward cold weather again prevailed causing some damage to fruit and still further delaying vegetable growth.

Precipitation.—Moisture was generally well distributed through the different periods of the month, although it was more abundant during the first half than during the latter part. Some delay in farm work occurred on account of the wet condition of the soil in the great corn-growing States to the eastward of the Mississippi, and also in the middle portion of the cotton belt, but the drier weather of the latter half was very beneficial and permitted of much outdoor work, while the warm weather and sunshine rapidly advanced vegetation. The flood conditions prevalent in April were greatly relieved during the month, and most streams had returned to moderate stages by the end of the month except in the lower Mississippi, which was still in flood at the end of the month.

Snow.—Some snow fell in the lower Lake region and northern portions of New York and New England on the 13th and 20th, and moderate amounts fell in the central and northern portions of the mountain regions of the West.

JUNE.

Temperature.—The first few days of the month were warm and favorable in nearly all districts, and some unusually high temperatures were reported from California and the far Southwest and at the same time it was quite warm over the north Atlantic States. Beginning about the 5th a cool area overspread the Northwest and during the next two weeks temperatures far below the normal prevailed over much of the country to the eastward of the Rocky Mountains, and toward the latter part of the period the cold area had extended to nearly all portions of the country. During this period minimum temperatures were unusually low over much of the eastern portion of the country and heavy frosts occurred at points in New York and New England and in the upper Missouri Valley and other portions of the Northwest.

During the last week of the month a change to warmer weather occurred over the northern districts, and high temperatures prevailed in the Missouri and upper Mississippi Valleys, but over the southern districts it remained cool and similar conditions prevailed over the Pacific Coast States.

For the month as a whole the temperature was considerably lower than the normal over all interior portions of the country as well as over most southern districts.

Over the Pacific Coast States the month was warmer than usual, and it was quite warm in the northern portions of the mountain and Plateau regions.

Precipitation.—The distribution of the rainfall during the month was timely, and it occurred in generous quantity in nearly all districts where rain is expected during June.

At the first of the month dry, hot winds over portions of the Great Plains region rapidly evaporated the moisture from the soil, and there was urgent need of rain in portions of Oklahoma and adjacent States by the end of the first decade. During this period some heavy rains occurred in the Southeastern States, especially in Georgia, about the 7th to 8th, where they were excessive and injurious.

About the middle of the month heavy rains prevailed over the Great Plains region, and there were generous falls from the upper Missouri Valley westward to the Pacific coast, and moderate falls in many other portions of the country. In the north Atlantic States, however, there had been a general lack of rain which continued throughout the month, and at the end the surface soil had become quite dry in portions of New England and New York, and to a less extent in some of the States farther south.

Toward the end of the month dry weather had set in over the Great Plains region, and there was a general, though as yet not serious, lack of rainfall throughout nearly all the great cereal-growing States.

The month as a whole was generally favorable, and the moderate temperatures and lack of general rains during the latter part, with abundant sunshine, were unusually favorable for the ripening and harvesting of wheat and the development of plant growth.

JULY.

Temperature.—The warm weather prevalent over the northern districts from the Lake region westward to the mountains during the latter part of June continued during the first week of July, while to the westward of the mountains it continued abnormally cold, and it was generally cool over the Southeastern States.

During the second week warmer weather overspread most of the central and eastern districts, the day temperatures becoming decidedly high, and much inconvenience and suffering as well as many deaths resulted therefrom in the large cities of those districts. Cool weather still continued in the far western districts and over the Southeastern States.

About the middle of the third week a change to decidedly cooler weather occurred over the central and northern districts, affording much relief from the heat that had prevailed during the preceding week, but it continued warm over the South and there was a general rise in temperature to the westward of the mountains.

The last week of the month was marked by generally high temperatures in the Great Plains, Mississippi Valley, and the Southern States from Texas eastward, but cool weather prevailed from the Lake region eastward to New England, and it was moderately cool in the mountain and Plateau regions of the West.

Precipitation.—The drought prevailing in the North Atlantic States at the end of June continued into the second week of July, and high temperatures and drying winds greatly increased its severity and threatened an almost complete loss of the staple crops. Fortunately rain at intervals during the second decade of the month relieved the conditions, especially in New England, but the latter part of the month was again dry, and at the close rain was badly needed in portions of New York and Virginia.

Over the great cereal-growing States the rainfall was sufficient, as a rule, for the needs of growing vegetation, although to the westward of the Mississippi there were periods when rain was needed, especially in Oklahoma, northern Texas, and portions of adjoining States. The absence of general rains was favorable for harvesting the winter-wheat crop, and there was generally sufficient moisture in the soil in the more northern districts to insure the proper development and ripening of the spring wheat crop.

In the cotton region there was rather too much cool, rainy weather during the early part of the month in the Middle Gulf States, and dry weather prevailed in the more western portions, but timely showers relieved the drought conditions locally, and during the latter part of the month the warmer and drier weather in the central portions of the belt was generally favorable.

AUGUST.

Temperature.—During the first and second weeks of August cold weather for the period of the year prevailed in all districts, save along the Gulf Coast and over portions of the Southwest, and occasionally along the immediate Pacific coast.

Throughout the great cereal-growing States the temperatures during this period were nearly continuously below the normal, and on the mornings of the 4th and 5th they were as low as, or lower than, ever before recorded in the first decade of August at numerous points from the middle and lower Mississippi Valley eastward to the Atlantic coast.

The mean temperature for the first week ranged from 9° to 12° per day below the normal over large portions of the Mississippi and Ohio Valleys, Lake region, and Atlantic Coast States, and during the second week they were more than 6° below, over much of the same region.

During the third week of August there was a general warming up in the districts to the eastward of the Rocky Mountains and conditions became much more favorable for crop growth over the great corn-growing districts. To the westward of the mountains, however, the weather continued cool, the deficiency exceeding 6° per day in the far Northwest.

The last week of the month continued warm over the great agricultural districts and there was a general rise in the temperature to normal or slightly above in the districts to the westward of the mountains, where temperatures generally below the normal had prevailed since early in June.

During the last day or two of the month cold weather overspread the northern and central districts, and the lowest August temperatures in many years were reported from portions of New York and New England and abnormally cold weather for the season prevailed in the Rocky Mountain and Plateau regions, with frosts at exposed points.

Precipitation.—Unusually heavy rains for the season and locality occurred during the first few days of the month in portions of the Rocky Mountain and Plateau regions, but over much of the great cereal-growing sections there was little or no rain. About the 10th general rains set in over the Plains region and gradually overspread the districts to the eastward, and good rains thoroughly saturated the soil in the principal corn-growing States, as well as in the

cotton region, in fact all portions of the country from the middle Plains region eastward received generous amounts, except along the middle Atlantic coast.

During the third week rain again occurred in moderate amounts over the western part of the corn belt and generally throughout the northern and central mountain and Plateau districts of the West. In the more eastern portions, especially in the Appalachian Mountain regions there was but little rain during this period and only small amounts occurred in the western portions of the cotton region.

There was a considerable deficiency in precipitation during the last two weeks of the month, but the warm weather and moist condition of the soil during this period were very favorable for all vegetable growth, and only in small sections were conditions unfavorable until near the end when the continued absence of rain caused some apprehension regarding the cotton crop in the extreme western and extreme eastern portions of the cotton region.

SEPTEMBER.

Temperature.—The warm weather prevailing at the close of August in most southern and central portions of the country east of the Rocky Mountains early in September replaced the cooler weather in the Lake region and Northeastern States, and in the central valleys became even more intense, so that many stations in Illinois and adjacent States recorded the highest temperatures of the summer at this time. Meanwhile in most of the country to westward of the Rockies cool weather for the season was prevailing, and about the 12th the cool area extended over the northern Plains States and thence eastward over the northern and central districts to the Lake region and the central valleys. Frosts were recorded at this time in Minnesota, the Dakotas, and the northern and central Rocky Mountain States, but the damage was not very great to the eastward. In the more eastern districts the abnormal warmth continued, and before the middle of the month warm weather set in along the Pacific coast.

After the 16th the cooler weather in the Great Plains and Rocky Mountain region gradually intensified and spread still farther to the eastward and southward. During the last week of September cool weather reached the Northeastern States, with some frost, but generally little damage resulting. About the same time severe frosts visited much of Illinois, Iowa, and Nebraska, and generally killing frosts occurred in the States to northward and northwestward, where, however, it was not unseasonably early for such an event.

For September as a whole the average temperature was nearly everywhere above normal to eastward of the Mississippi River, with a most notable excess, 4° or more, in the central Appalachian region. In the West Gulf States and the western portions of the Pacific States the mean temperature of the month was also above normal. In the Plains, Rocky Mountain, and Plateau regions September was cooler than normal, especially in the northern and central Mountain region and the northern Plains region, where the deficiency averaged about 8° per day. Indeed, if merely the last 20 days of the month are considered, the mean temperature in most of the Missouri Valley was from 10° to 15° below the normal for the period.

Precipitation.—Rains occurred on the opening days in most of the Middle Atlantic States and the upper Ohio Valley, with remarkably heavy local downpours in the southwestern counties of Pennsylvania and neighboring parts of Ohio and West Virginia on the night of September 1, occasioning great damage and the loss of a number of lives. During the next few days there were important rains in northern California, the upper Lake region, a large part of central and northeastern Florida and the coast regions of Georgia and South Carolina. About the 9th to 16th precipitation occurred in large amount over a considerable area in the central Plains region, also southwestward over the Texas panhandle and much of New Mexico, and northwestward over much of Wyoming, which experienced a snowstorm unprecedented for September. About the 13th to 15th a storm moved northward from the Gulf of Mexico over Alabama to the lower Ohio Valley, giving usually moderate rains, but here and there quite heavy falls.

During the last fortnight of September there was fairly generous precipitation in most northern districts between the Great Lakes and the Rocky Mountains; also over most of Missouri and Arkansas, southwestern Texas, and practically all the country east of the Mississippi River received good rains, the falls in the last named region being largely in connection with a storm which moved from western Florida to Chesapeake Bay from the 23d to 25th.

Taking September as a whole the rainfall was ample in almost all parts of the Atlantic States, being decidedly heavy in southeastern Georgia and near the Gulf coast of Florida. Other regions of generous precipitation were northern Minnesota, most of North Dakota, portions of Iowa, and the Texas panhandle. In the Far West the month brought fair rains along the immediate Pacific coast from San Francisco northward, and larger amounts in some interior parts of northern California.

The warmth of early September in the great corn-growing States hastened the maturing of that staple, but the cold weather after the 10th in the Missouri and upper Mississippi Valleys was unfavorable. To eastward of the Mississippi River the month, as a whole, was usually a favorable one.

OCTOBER.

Temperature.—The coolness in the central and upper valleys, Lake region, and Northeastern States when September closed was soon succeeded by warmer weather; and thereafter, save for periods of a few days never really notable, almost all the eastern half of the country experienced temperatures higher than normal. In the western half of the country cool weather prevailed during the first third of the month, but warmer than normal during the middle third, except that cool weather then prevailed in the southern portions of the Great Plains and Rocky Mountain regions and in the West Gulf States. The final third of October was colder than normal in northern districts from the upper Lake region westward to the Pacific, throughout the Pacific Coast States, in the Far Southwest, and in the central portions of the Plains, Rocky Mountain, and Plateau regions. As a whole, the month was warmer than normal nearly everywhere east of the Rocky Mountains, also along the immediate Pacific coast from central California southward it was close to or slightly above normal as to temperature. In the Plateau region, the North Pacific States, and the interior of southern California the month averaged somewhat cooler than normal.

Precipitation.—Among the more notable rain areas during October were that which accompanied the storm moving from the Southwest to the Lake region between the 10th and 12th, that which visited southwestern Texas about the 16th, when a storm moved inland there from the Gulf of Mexico, and the one accompanying the storm which moved from the central Rocky Mountain region on the 27th to beyond Lake Superior on the 29th. The precipitation of October was fairly well distributed and generally sufficient. Regions of scanty fall, however, covered a district extending from Maryland southward to eastern South Carolina, most of the lower Mississippi Valley, the greater part of South Dakota, Minnesota, and northern Wisconsin, and most of central and southern California.

The sunshiny and warm weather abundant to eastward of the Rocky Mountains during October was favorable for fall work, and the absence of damaging frosts till the middle or later portions of the month in most eastern districts was highly favorable for late vegetation. In the Rocky Mountain States and to westward October weather was less favorable, and coolness and rainy weather were rather too prevalent, except in California.

NOVEMBER.

Early in November a cool area from the Rocky Mountain and Plains regions spread southward and eastward, causing frosts in most of the interior of Texas and the other Gulf States. Warmer weather set in behind this, so that the opening third of the month averaged warmer than normal save in the Southeastern States and lower Mississippi Valley. During the middle portion of the month the weather was warmer than normal in practically all parts of the country, and remarkably warm in the Missouri and upper Mississippi Valleys. About the 25th,

however, this warmth largely yielded to a cold area which overspread most eastern and southern districts, freezing weather reaching into extreme northern Florida. As the month was ending another cold area moved from the far Northwest into Texas and the Middle and Eastern Gulf States, bringing killing frost almost to the Gulf coast. The temperatures of the final third of November averaged higher than normal in practically all northern districts, and generally to westward of the Rocky Mountains, but lower than normal in substantially all the cotton region.

November as a whole was warmer than normal in much the greater part of the country, and the departure was marked in the middle and upper Missouri Valley. In much of the cotton region and in portions of New Mexico and California the month averaged somewhat cooler than normal.

Precipitation.—November was comparatively free from the storms usual to the season, though one storm which moved from the Lake region to the St. Lawrence Valley on the 1st and 2d caused rain in most eastern districts, and a storm which moved northward from the south Atlantic coast to New England on the 27th and 28th caused rain and snow in most coast States, the snowfall being unusually heavy for the season in most of Georgia and the Carolinas.

As a whole November showed a decided deficiency in precipitation. The lightness of the rainfall in the Ohio and lower Mississippi Valleys was especially notable, while most of South Dakota and considerable parts of the Southwest received no rain or snow whatever. Precipitation was somewhat above normal, however, over much of New York, a considerable area in the South Atlantic and East Gulf States, the central Plateau district, and western Oregon.

Snowfall.—In most western districts the snowfall in the mountains was remarkably light, but parts of New York and New England had some heavy falls for November.

As a whole the month was a favorable one for farm work, but the small amount of moisture over large areas probably retarded the development of winter-wheat.

DECEMBER.

Temperature.—The cool weather in most eastern districts when November ended soon gave way to warmth, and thereafter, although conditions were changeable, temperatures above normal generally prevailed to eastward of the Rocky Mountains. About the 5th and 6th it was decidedly warm in the Atlantic coast and Lake regions. To westward of the Rocky Mountains the opening third of December was rather cool, also in the southern Plains region. During the middle and later partions of the month mild weather was the rule in the northern half of the country, but cool weather for December prevailed over most southern portions, especially to westward of the Mississippi River. The closing portion of the month was cool in the central Rocky Mountain and Plateau regions also. The month considered as a whole was warmer than normal nearly everywhere eastward of the Mississippi River, and especially over the upper Mississippi Valley and most of the Missouri Valley, where the last 10 days were remarkably warm for December. The average temperature was below normal in the western part of the cotton region and in California, and decidedly below normal in the districts between, namely, the central and southern portions of the Rocky Mountains and Plateau regions.

Precipitation.—There was remarkably large rainfall during December in most of Louisiana and Mississippi, and it was rather heavy over an area to northward and northeastward of those States as far as the Ohio River. There was more than normal precipitation over several other areas, as the greater part of Texas and southern New Mexico, the eastern part of the Middle Atlantic States and some other localities along the Atlantic coast, and much of the upper Lake region, the upper Mississippi Valley, and North Dakota. Considering the whole country, however, December was a dry month. In Missouri, Illinois, and California there was a notable deficiency of precipitation, amounting in many portions to an almost entire absence. The Appalachian and lower Lake regions and the central and northern Plains, Rocky Mountain and Plateau regions had almost everywhere less than normal precipitation.

Snowfall.—In the western mountains the snowfall of December was almost everywhere quite light, though Oregon reported a heavy fall during the closing days. In northern districts

to eastward of the Rockies the snowfall was nearly everywhere much less than usual for the month, and owing to the mildness that which did occur generally melted quite rapidly.

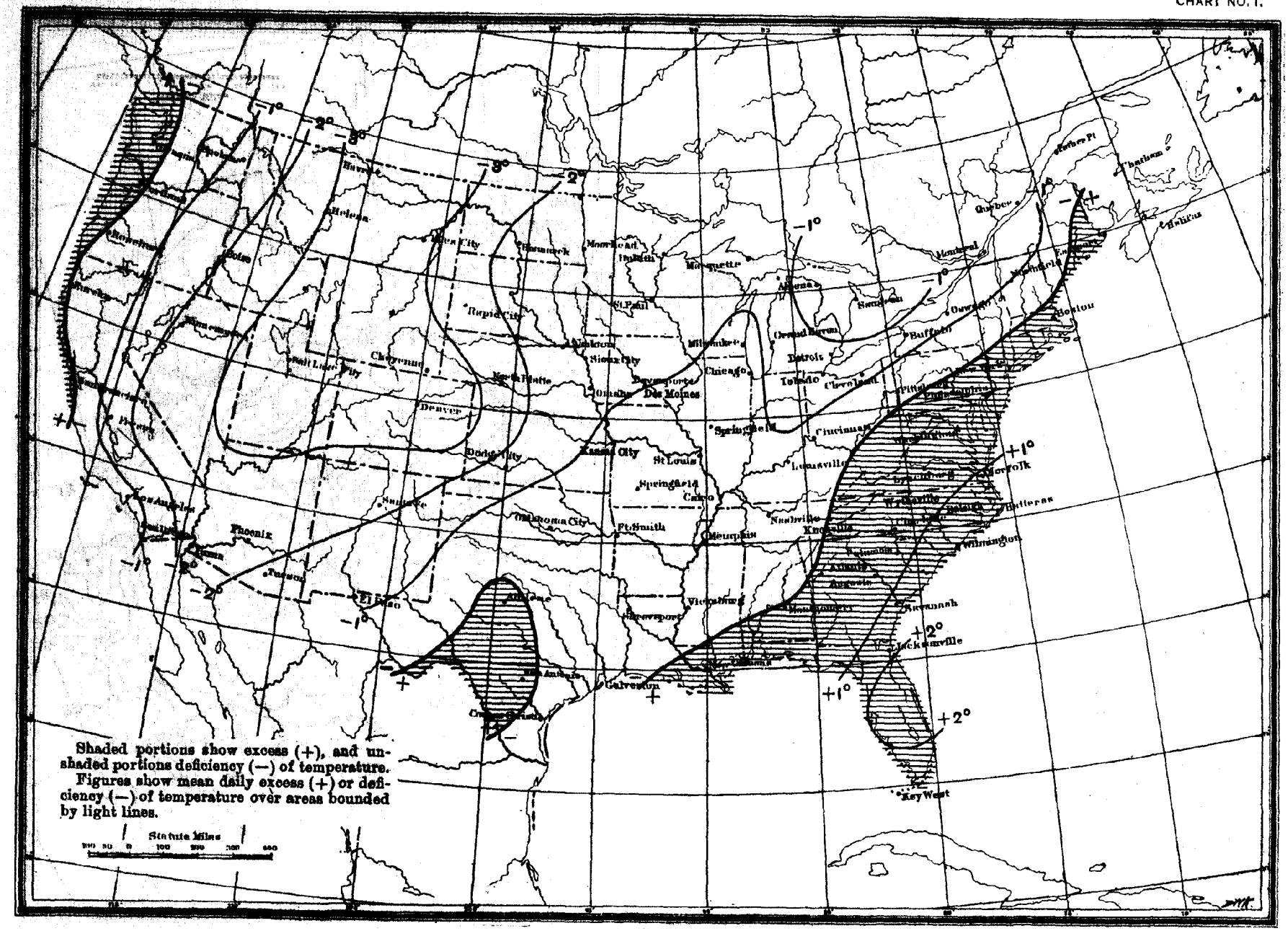
In most parts of the country December was a favorable month for outdoor work, save in the Middle Gulf States, where it was marked by too much wet weather.

Annual summary, climatological data, Canadian stations, 1912.

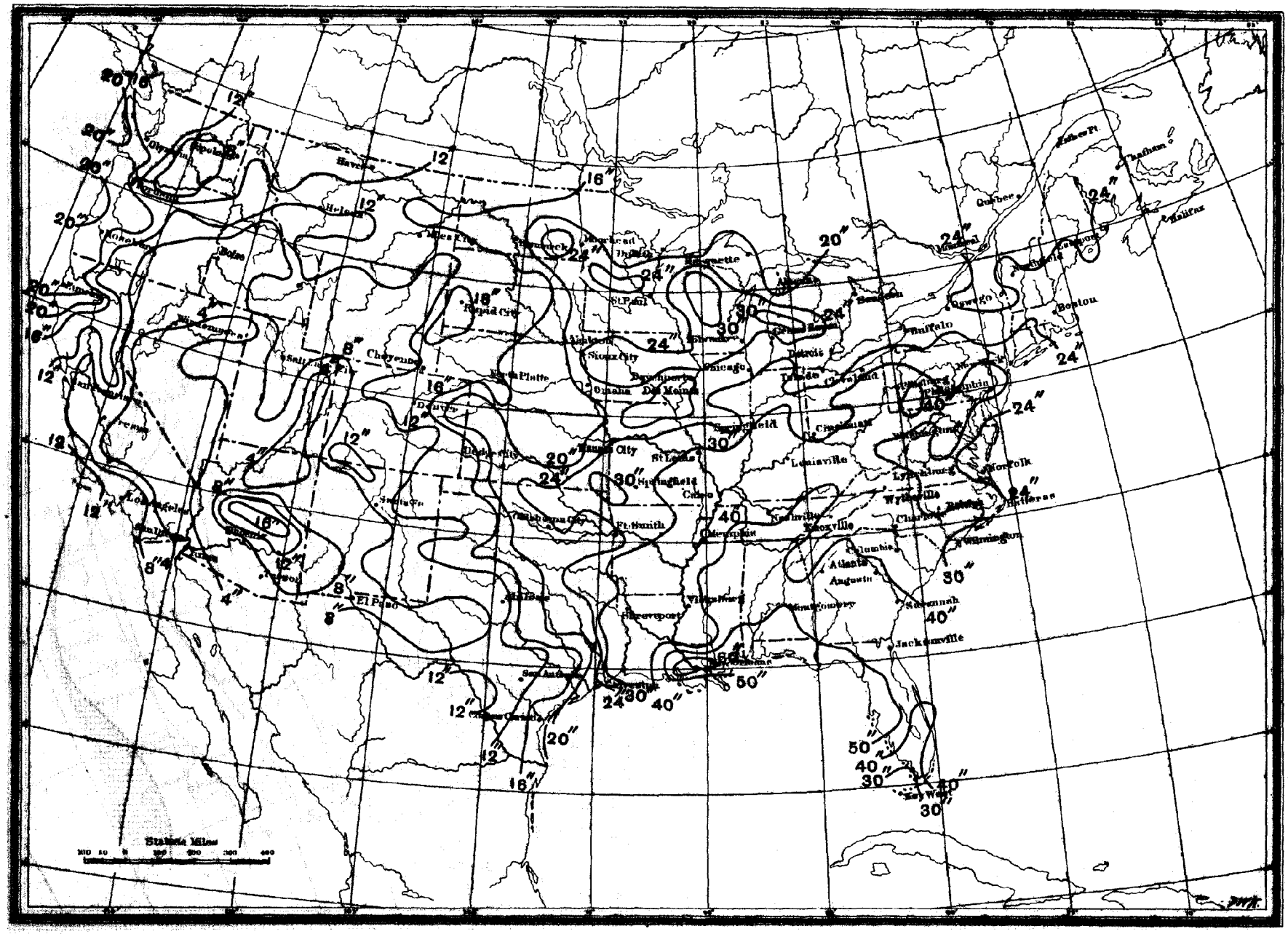
[Data furnished by the Canadian Meteorological Service.]

Districts and stations.	Pressure in inches.			Temperature of the air, in degrees Fahrenheit.						Precipitation.		
	Station reduced to 24-hour mean.	Sea level reduced to 24-hour mean.	Departure from normal.	Mean maximum + mean minimum ÷ 2.	Departure from normal.	Mean maximum.	Mean minimum.	Highest.	Lowest.	Total.	Departure from normal.	Total snowfall.
St. Johns, Newfoundland	29.69	29.83	−0.08	40.5	0.0	47.8	33.3	86	−7	54.84	+0.21	118.4
Sydney, Cape Breton Island	29.86	29.90	−.04	41.9	+0.6	50.1	33.7	92	−13	41.24	−9.04	115.5
Halifax, Nova Scotia	29.82	29.92	−.05	43.6	+0.8	52.5	34.7	99	−12	58.12	+1.09	100.5
Yarmouth, Nova Scotia	29.89	29.96	−.02	43.4	+0.2	50.0	36.7	78	2	43.15	−7.18	77.8
Charlottetown, Prince Edward Island	29.86	29.90	−.04	41.3	+0.3	48.6	33.9	91	−15	40.56	−1.06	86.8
Chatham, New Brunswick	29.90	29.92	−.02	39.6	+0.9	49.3	30.0	98	−22	50.48	+9.19	104.6
Father Point, Quebec	29.87	29.89	−.04	34.8	0.0	42.1	27.5	83	−21	42.91	+9.92	143.9
Quebec, Quebec	29.60	29.93	−.05	37.8	−0.4	46.0	29.6	94	−24	47.46	+5.74	116.4
Montreal, Quebec	29.75	29.96	−.03	41.4	−0.1	48.6	34.2	92	−19	44.23	+3.24	119.3
Stonecliffe, Ontario	29.32	29.94	−.05	36.8	−1.4	48.4	25.2	99	−40	30.05	−0.41	87.8
Ottawa, Ontario	29.71	30.04	+.04	40.1	−0.5	48.6	31.6	91	−27	42.22	+9.62	131.2
Kingston, Ontario	29.69	30.01	.00	42.3	−0.8	50.4	34.3	85	−24	36.83	+4.02	68.2
Toronto, Ontario	29.61	30.00	−.02	44.8	+0.6	53.1	36.5	92	−19	32.52	−1.20	68.7
White River, Ontario	.....	.....	.....	.....	.....	.....	.....	.....	−58	.....	.....	.....
Port Stanley, Ontario	29.35	30.01	−.02	44.0	−0.7	52.3	35.6	88	−24	37.19	+2.77	71.2
Southampton, Ontario	29.27	.....	.....	41.8	−0.6	49.9	33.9	85	−34	39.66	+5.45	128.4
Parry Sound, Ontario	29.27	29.97	−.03	40.3	+0.1	50.2	30.3	95	−34	44.69	+6.42	188.2
Port Arthur, Ontario	29.26	29.99	−.01	34.5	+0.1	44.2	24.9	86	−36	20.11	−4.65	22.2
Winnipeg, Manitoba	29.14	29.98	−.02	36.1	+3.0	45.9	26.3	98	−41	22.81	+1.83	28.0
Minnedosa, Manitoba	28.12	29.97	−.03	33.8	+2.2	44.2	23.3	98	−45	17.18	+0.73	30.5
Qu'Appelle, Saskatchewan	27.66	29.95	−.03	34.2	+0.9	44.3	24.1	92	−47	17.89	+1.81	35.5
Medicine Hat, Alberta	27.64	29.94	−.02	43.0	+2.7	55.7	30.4	102	−33	10.38	−3.42	16.3
Swift Current, Saskatchewan	27.39	30.00	+.03	38.1	+0.6	48.2	28.0	97	−40	13.32	−2.15	23.0
Calgary, Alberta	26.37	29.94	+.01	39.5	+2.3	50.6	28.3	90	−30	21.32	+6.45	25.2
Banff, Alberta	25.34	29.99	+.06	35.9	+1.2	46.8	25.0	86	−38	20.48	−1.43	48.1
Edmonton, Alberta	27.62	29.93	.00	39.5	+3.9	51.0	28.2	89	−46	20.18	+4.35	22.0
Prince Albert, Saskatchewan	28.36	29.94	−.04	33.0	+2.5	43.8	22.3	96	−53	.....	.....	.....
Battleford, Saskatchewan	28.20	29.97	.00	36.6	+3.9	47.0	26.2	98	−46	14.21	+0.28	16.8
Kamloops, British Columbia	28.67	29.95	+.02	46.5	−0.6	56.2	36.9	101	−18	13.47	+1.84	18.8
Victoria, British Columbia	29.93	30.03	+.03	50.3	+1.7	57.3	43.3	90	24	29.85	−8.29	3.2
Barkerville, British Columbia	25.62	29.95	+.05	35.4	−0.8	44.4	26.5	82	−28	30.23	−3.33	143.6
Hamilton, Bermuda	29.98	30.14	+.05	69.7	0.0	75.0	64.3	87	49	51.38	−10.53	0.0

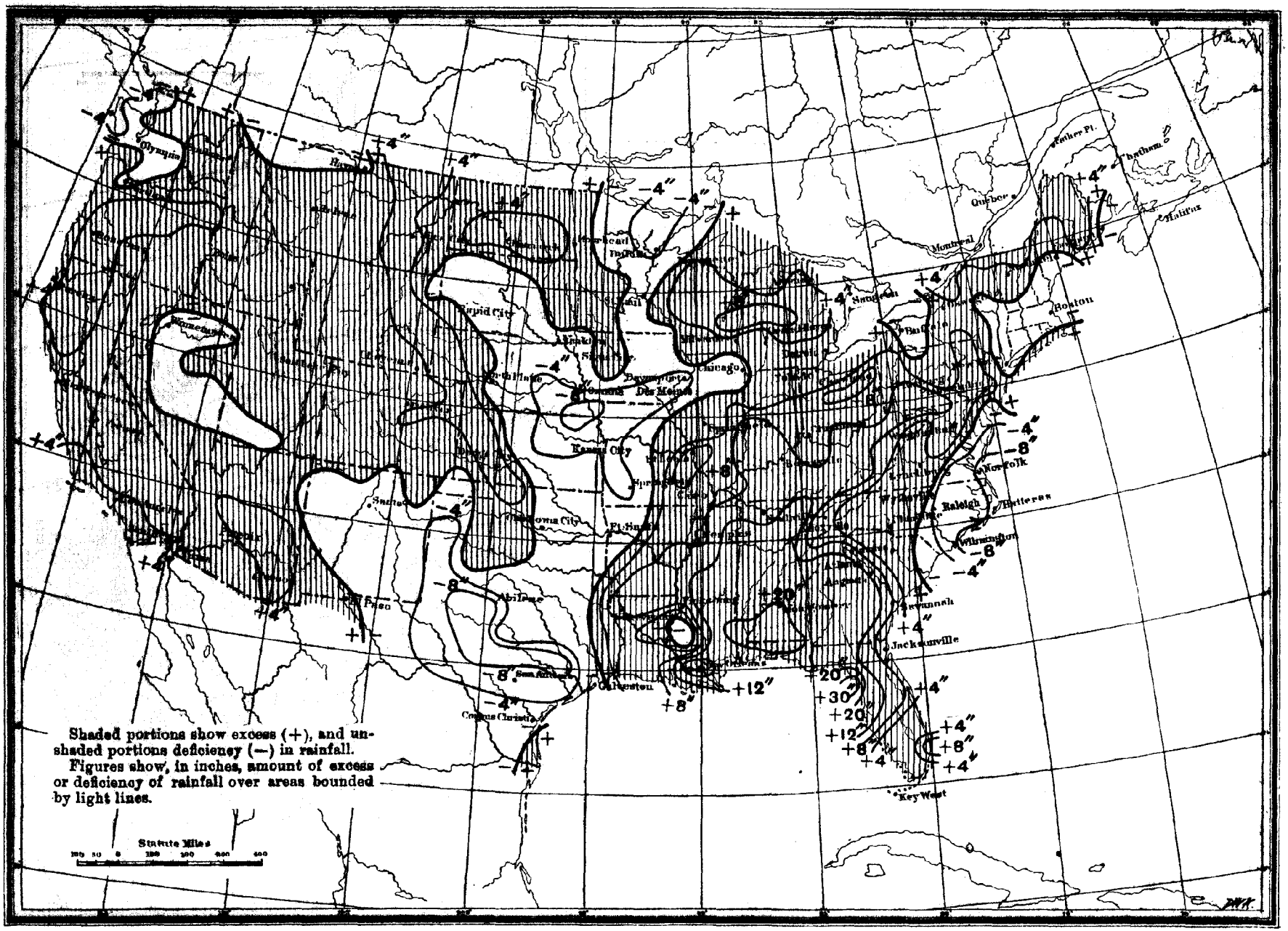
CHART NO. 1.



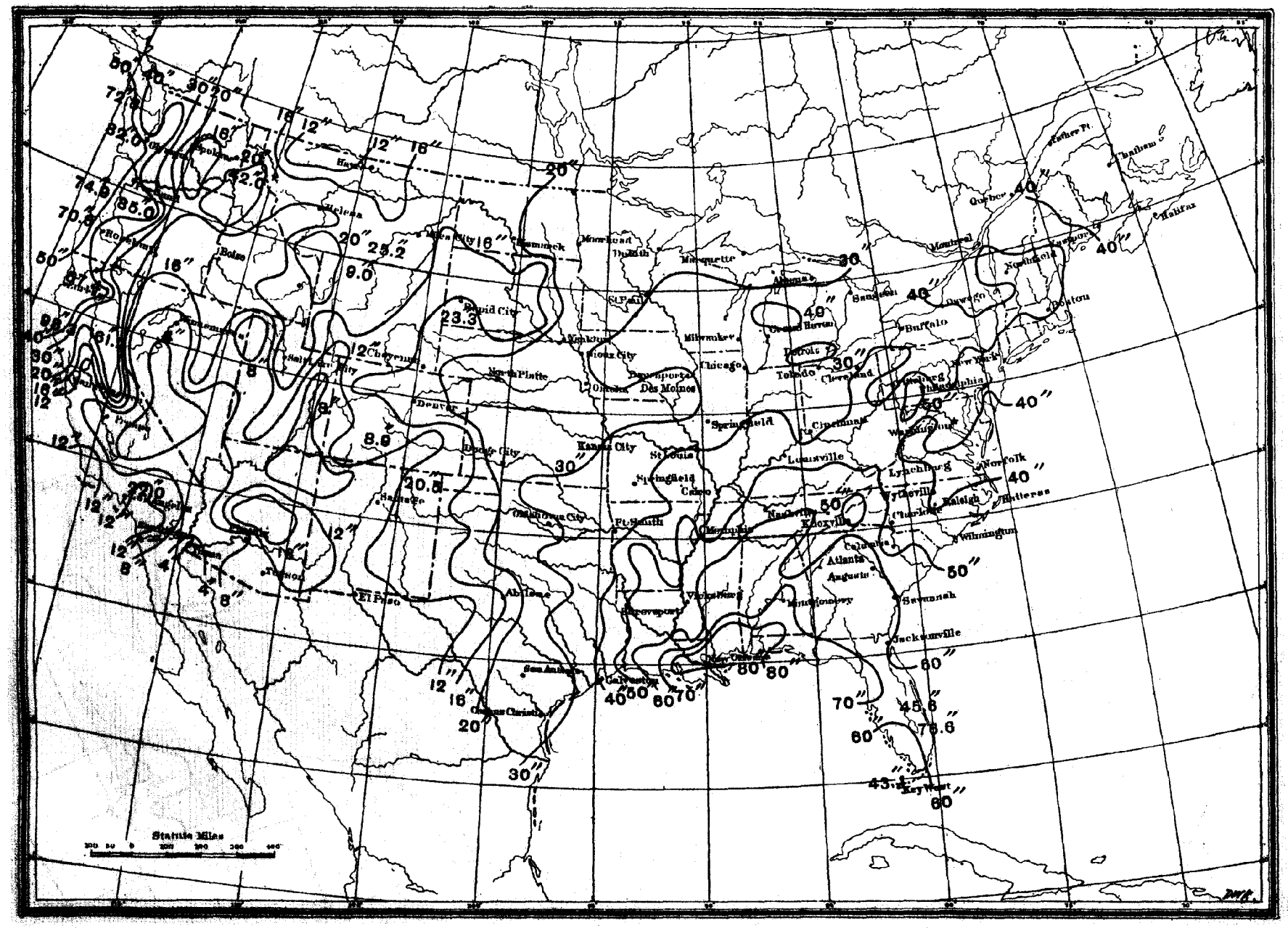
DEPARTURES FROM NORMAL TEMPERATURE FOR THE CROP SEASON OF 1912, MARCH 1 TO SEPTEMBER 30.



TOTAL PRECIPITATION FOR THE CROP SEASON OF 1912, MARCH 1 TO SEPTEMBER 30.



DEPARTURES FROM NORMAL PRECIPITATION FOR THE CROP SEASON OF 1912, MARCH 1 TO SEPTEMBER 30.



TOTAL PRECIPITATION FOR THE YEAR 1912.

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 seventy-fifth meridian time, and the date on which observations began. The standard of 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 of the barometers are those adopted January 1, 1900, except at stations established since that date. They are the results of precise levels, and are known as the "station elevation."

Any change in the elevation of the remaining instruments is shown by the figures immediately below, and the date of such change is given on the margin of the table.

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, 1912);

T = continuous records of temperature (on December 31, 1912);

W = continuous records of wind (direction and velocity) (on December 31, 1912);

V = continuous records of wind (velocity only) (on December 31, 1912);

R = continuous records of rainfall (on December 31, 1912);

S = continuous records of sunshine (on December 31, 1912).

Summary of stations in operation during the year.

Taking two observations daily (all elements)	180
Taking one observation daily (all elements)	49
Taking one observation daily (temperature, rainfall, wind, and weather)	26
Taking one observation daily (temperature and rainfall only, cotton, sugar, and rice regions)	131
Taking one observation daily (temperature and rainfall only, corn and wheat region)	145
Taking one observation daily (river and rainfall only)	368
Taking one observation daily (rainfall stations)	38
River flood stations	60
Rainfall flood stations	73
Taking one observation daily (cotton and special meteorological)	1
Taking one observation daily (special meteorological and river)	1
Taking one observation daily (sugar and rice and river)	2
Taking one observation daily (cotton and river)	27
Taking one observation daily (cotton and rainfall)	20
Taking one observation daily (corn and wheat and river)	6
Taking one observation daily (corn and wheat and rainfall)	6
Taking one observation daily (corn and wheat and mountain snowfall)	1
Taking one observation daily (cranberry)	4
Taking one observation daily (special fruit)	23
Taking one observation daily (special fruit and river)	2
Vessel weather stations	50
Snowfall stations	247
Total paid stations	1,460
Cooperative stations, about	[1] 3,900
Grand total	5,360

[1] Exclusive of the observers of the cotton, sugar, and rice, and corn and wheat regions, who generally act as cooperative observers during the period when not employed as special observers.

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, 1912. 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 R S**	32	23	99	40	1 39 S.	1,738	10	3	52	Sept. 14, 1885	
Albany, **P T W R S**	42	39	73	45	05 F.	97	102	100	115	Dec. 22, 1873	
Alpena, **P T W R S**	45	05	83	30	34 S.	609	13	4	92	Sept. 10, 1872	
Amarillo, **P T W R S**	35	13	101	50	1 47 S.	3,676	10	3	49	Jan. 1, 1892	
Anniston, **P T W R S**	33	39	85	50	43 S.	741	9	3	57	Oct. 16, 1905	
Asheville, **P T W R S**	35	36	82	32	30 S.	2,255	70	61	84	Aug. 22, 1902	
Atlanta, **P T W R S**	33	45	84	23	38 S.	1,174	190	182	216	Sept. 25, 1878	
Atlantic City, **P T W R S**	39	22	74	25	02 F.	52	37	33	48	Dec. 10, 1873	
Augusta, **P T W R S**	33	28	81	54	28 S.	180	89	54	97	Nov. 2, 1870	
Baker, **P T W R S**	44	46	117	50	2 51 S.	3,471	48	40	53	July 9, 1889	
Baltimore, **P T W R S**	39	18	76	37	06 S.	123	100	90	113	Jan. 1, 1871	
Bentonville, **P T W R S**	36	22	94	12	1 17 S.	1,303	11	3	44	Mar. 16, 1906	
Billings	45	47	108	30	2 14 S.	3,139	5	3	.....	May 1, 1909	
Binghamton, **P T W R S**	42	08	75	55	04 S.	871	78	71	88	Oct. 1, 1896	
Birmingham, **P T W R S**	33	32	86	50	47 S.	700	11	3	48	Sept. 14, 1895	
Bismarck, **P T W R S**	46	47	100	38	1 43 S.	1,674	8	3	57	Sept. 15, 1874	
Blaine	48	59	122	45	3 11 S.	57	4	3 4	....	Jan. 14, 1908	Sept. 1, 1912
Block Island, **P T W R S**	41	10	71	36	14 F.	26	11	3	46	Sept. 1, 1880	
Boise, **P T W R S**	43	37	116	08	2 45 S.	2,739	78	72	86	July 1, 1877	
Boston, **P T W R S**	42	21	71	04	16 F.	125	115	154	188	Nov. 1, 1870	
Brownsville, **V**	26	00	97	26	1 30 S.	57	4	2	.....	Nov. 18, 1875	
Buffalo, **P T W R S**	42	53	78	53	16 S.	767	178	168	206	Nov. 1, 1870	
Burlington, **P T W R S**	44	29	73	12	07 F.	404	11	3	48	Mar. 29, 1906	
Burro Mine	.....		.....		.....	.....	.....	.....	.....	Nov. 1, 1911	
Cairo, **P T W R S**	37	00	89	10	57 S.	356	87	80	93	June 1, 1871	
Canton, **P T W R S**	44	36	75	10	01 S.	448	10	4	61	July 1, 1906	
Canon City	38	26	105	15	2 01 S.	.....	5	3	.....	July 1, 1910	
Cape Henry, **P T W R S**	36	56	76	00	04 S.	18	9	43	58	Dec. 15, 1873	
Cape May, **T W**	38	56	74	51	01 F.	17	9 13	3	56 49	July 16, 1897	Mar. 22, 1912
Charles City, **P T W R S**	43	04	92	38	1 11 S.	1,015	10	4	49	Nov. 1, 1904	
Charleston, **P T W R S**	32	47	79	56	20 S.	48	11	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 R S**	35	04	85	14	41 S.	762	189	167	213	Sept. 12, 1875	
Cheyenne, **P T W R S**	41	08	104	48	1 59 S.	6,088	56 58	49 50	64	Nov. 1, 1870	Aug. 12, 1912
Chicago, **P T W R S**	41	53	87	37	50 S.	823	140	133	310	Nov. 1, 1870	
Cincinnati, **P T W R S**	39	06	84	30	38 S.	628	152	145	160	.....do.....	
Cleveland, **P T W R S**	41	30	81	42	27 S.	762	190	163	201	.....do.....	
Columbia, Mo., **P T W R S**	38	57	92	20	1 09 S.	784	11	3	84	Aug. 21, 1889	
Columbia, S. C., **P T W R S**	34	00	81	03	24 S.	351	41	32	57	June 5, 1887	
Columbus, **P T W R S**	39	58	83	00	32 S.	824	173	171	222	July 1, 1878	
Concord, **P T W R S**	43	12	71	32	14 F.	288	70	62	79	Nov. 1, 1902	
Concordia, **P T W R S**	39	35	97	41	1 31 S.	1,398	42	35	50	May 1, 1885	
Cordova	60	35	145	40	4 43 S.	57	6	5	.....	Aug. 15, 1911	
Corinth	34	57	88	20	54 S.	470	50	45	.....	July 1, 1909	
Corona	39	56	105	47	2 03 S.	.....	.....	.....	.....	Nov. 13, 1906	
Corpus Christi, **P T W R S**	27	49	97	25	1 30 S.	20	69	61	77	Feb. 1, 1887	
Davenport, **P T W R S**	41	30	90	38	1 03 S.	606	71	64 65	79	May 24, 1871	Oct. 9, 1912
Dayton, **P T W R S**	39	46	84	10	37 S.	899	181	176	216	July 10, 1911	
Del Monte	36	35	121	50	3 07 S.	.....	.....	.....	.....	Nov. 10, 1910	
Del Rio, **P T W R S**	29	20	100	53	1 44 S.	944	8	3	57	Nov. 9, 1905	
Denver, **P T W R S**	39	45	105	00	2 00 S.	5,291	129	119	172	Nov. 19, 1871	
Des Moines, **P T W R S**	41	35	93	37	1 14 S.	861	84	76	97	July 29, 1877	
Detroit, **P T W R S**	42	20	83	03	32 S.	730	218	214	258	Nov. 1, 1870	
Devils Lake, **P T W R S**	48	07	98	52	1 35 S.	1,482	11	4	44	Dec. 7, 1904	
Dodge City, **P T W R S**	37	45	100	00	1 40 S.	2,509	11	3	51	Sept. 15, 1874	
Dubuque, **P T W R S**	42	30	90	44	1 03 S.	698	81	76	96	July 2, 1873	
Duluth, **P T W R S**	46	47	92	06	1 08 S.	1,133	11	3	47	Nov. 1, 1870	
Durango, **P T W R S**	37	16	107	52	2 11 S.	6,546	18	3	56	Dec. 20, 1904	
Dutch Harbor [1]	53	54	166	32	6 06 S.	13	3	3	.....	Sept. 6, 1911	
Eagle	64	46	141	12	4 25 S.	815	6	.....	.....	June 24, 1909	
Eastport, **P T W R S**	44	54	66	59	32 F.	76	67	62	85	Apr. 1, 1873	
Elkins, **P T W R S**	38	53	79	49	19 S.	1,940	41	34	50	Jan. 1, 1899	

[1] Formerly known as Unalaska.

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, 1912. 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.		
El Paso, P T W S	31	47	106	30	2	06 S.	3,762	110	102	133	Apr. 1, 1878	
Erie, P T W R S	42	07	80	05		20 S.	714	92	82	102	May 25, 1873	
Escanaba, P T W R S	45	48	87	05		48 S.	612	54	44	60	May 24, 1871	
Eureka, P T W R S	40	48	124	11	3	17 S.	62	72	65	89	Jan. 1, 1887	
Evansville, P T W R S	37	58	87	33		50 S.	431	72	66	82	Dec. 1, 1897	
Flagstaff, P T W R S	35	12	111	37	2	26 S.	6,907	8	3	57	Sept. 9, 1898	
Fort Douglas	40	46	111	48	2	27 S.	.....	.....	.....	.....	Nov. 1, 1911	
Fort Smith, P T W R S	35	22	94	24	1	18 S.	457	79	72	94	Apr. 13, 1879	
Fort Wayne, P T W R S	41	5	85	10		41 S.	856	113	107	124	June 1, 1911	
Fort Worth, P T W R S	32	43	97	15	1	29 S.	670	106	51	114	Sept. 1, 1898	
French Lick	38	34	86	37		46 S.	506	4	3	.....	Nov. 1, 1912	
Fresno, P T W R S	36	43	119	49	2	59 S.	330	62	54	70	Aug. 18, 1887	
Galveston, P T W R S	29	18	94	50	1	19 S.	54	106	98	114	Apr. 19, 1871	
Grand Forks	47	56	97	4	1	28 S.	835	12	3	89	Aug. 15, 1911	
Grand Haven, P T W R S	43	05	86	13		45 S.	632	54	49	92	May 24, 1871	
Grand Junction, P T W R S	39	09	108	33	2	14 S.	4,602	43	37	51	Jan. 1, 1899	
Grand Rapids, P T W R S	42	58	85	40		43 S.	707	70	70	87	July 1, 1903	
Green Bay, P T W R S	44	31	88	00		52 S.	617	109	101	144	Sept. 1, 1886	
Greenville	45	24	69	33		22 F.	1,070	6	3	.....	Oct. 1, 1907	
Hannibal, P T W R S	39	41	91	20	1	05 S.	534	75	68	109	Apr. 16, 1892	
Harrisburg, P T W R S	40	16	76	52		07 S.	374	94	88	104	July 1, 1888	
Hartford, P T W R S	41	46	72	40		09 F.	159	122	116	140	Oct. 7, 1904	
Hatteras, P T W R S	35	15	75	40		03 S.	11	12	34	47	Dec. 1, 1880	
Havre, P T W R S	48	34	109	40	2	19 S.	2,505	11	4	44	May 16, 1892	
Helena, P T W R S	46	34	112	04	2	28 S.	4,110	8 87	3 80	56 114	Apr. 1, 1880	Feb. 26, 1912
Honolulu, P T W R S	21	19	157	52	5	31 S.	38	111	99	119	Sept. 1, 1904	
Houghton, P T W R S	47	07	88	34		54 S.	668	62	57	72	Aug. 26, 1900	
Houston, P T W R S	29	47	95	24	1	22 S.	138	111	104	121	Sept. 16, 1909	
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 R S	36	48	118	12	2	53 S.	3,910	11	4	42	Dec. 1, 1894	
Indianapolis, P T W R S	39	46	86	10		45 S.	822	154	146	164	Feb. 10, 1871	
Iola, P T W R S	37	55	95	25	1	22 S.	984	11	3	50	Aug. 20, 1905	
Ithaca, P T W R S	42	27	76	29		6 S.	836	82	4	100	.....	
Jackson	32	04	90	10	1	01 S.	280	5	3	.....	Feb. 21, 1908	
Jacksonville, P T W R S	30	20	81	39		27 S.	43	96	88	129	Sept. 11, 1871	
Kalispell, P T W R S	48	10	114	25	2	38 S.	2,962	11	4	34	May 3, 1899	
Kansas City, P T W R S	39	05	94	37	1	18 S.	963	161	141	181	Apr. 21, 1873	
Keokuk, P W R S	40	22	91	26	1	06 S.	614	64	56	78	July 16, 1871	
Key West, P T W R S	24	33	81	48		27 S.	22	41	32	49	Nov. 1, 1870	
Knoxville, P T W R S	35	56	83	58		36 S.	996	93	84	100	Jan. 20, 1871	
La Crosse, P T W R S	43	49	91	15	1	05 S.	714	11	3	48	Oct. 15, 1872	
Lander, P T W R S	42	50	108	45	2	15 S.	5,372	26 60	18 54	36 68	Aug. 1, 1891	Apr. 1, 1912
Lansing, P T W R S	42	44	84	26		38 S.	878	11	3	62	May 1, 1910	
La Salle, P T W R S	41	20	89	05		56 S.	536	56	49	64	Nov. 19, 1904	
Leadville, T	39	15	106	18	2	05 S.	10,246	7	3	.....	Nov. 1, 1907	
Lewiston, P T W R S	46	25	117	02	2	48 S.	757	10 40	4 32	51 48	Oct. 1, 1900	Dec. 1, 1912
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	11	4	84	Aug. 8, 1894	
Little Rock, P T W R S	34	45	92	06	1	08 S.	357	139	132	147	Apr. 21, 1873	
Los Angeles, P T W R S	34	03	118	15	2	53 S.	338	159	151	191	July 1, 1877	
Louisville, P T W R S	38	15	85	45		43 S.	525	111	103	132	Sept. 11, 1871	
Ludington, P T W R S	43	57	86	27		46 S.	637	60	53	66	Sept. 12, 1912	
Lynchburg, P T W R S	37	25	79	09		17 S.	681	83	77	88	May 24, 1871	
Macon, P T W R S	32	50	83	38		35 S.	370	78	71	87	Apr. 8, 1899	
Madison, P T W R S	43	05	89	23		58 S.	974	70	62	78	Sept. 16, 1904	
Manteo, V	35	54	75	40		03 S.	12	12	4	46	Nov. 10, 1904	
Marquette, P T W R S	46	34	87	24		50 S.	734	77	70	116	May 11, 1871	
Marshfield	43	22	124	17	3	17 S.	36	3	2	.....	May 1, 1908	
Medford	42	20	122	52	3	11 S.	1,425	4	3	.....	Mar. 11, 1911	
Memphis, P T W R S	35	09	90	03	1	00 S.	399	76	69	97	Feb. 28, 1871	
Meridian, P T W R S	32	21	88	40		55 S.	375	84	62	93	Sept. 1, 1889	
Meridian, Idaho	43	37	116	26	2	46 S.	.....	.....	.....	.....	Apr. 1, 1911	
Miami, P T W R S	25	48	80	12		21 S.	25	37	32	72	June 3, 1911	

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, 1912. Barometer above sea.	Thermometer aboveground.	Rain gage aboveground.	Anemometer aboveground.	Observations began.	Date of changes in elevation.
	°	′	°	′	h.	m.	Feet.	Feet.	Feet.	Feet.		
Miles City, P V	46	25	105	49	2	03 S.	2,371	26	32	48	Oct. 1, 1891	
Milwaukee, P T W R S	43	02	87	54		52 S.	681	119	111	133	Nov. 1, 1870	
Minneapolis, P T W R S	44	59	93	18	1	13 S.	.....	102	92	208	Nov. 6, 1890	
Missoula	46	51	113	59	2	36 S.	3,234	5	3	.....	Aug. 11, 1908	
Mobile, P T W R S	30	41	88	02		52 S.	57	98	91	106	Nov. 7, 1870	
Modena, P T W R S	37	48	113	54	2	36 S.	5,479	10	2	43	Jan. 1, 1901	
Monroe	32	35	92	04	1	08 S.	84	4	13	.....	July 1, 1912	
Montgomery, P T W R S	32	23	86	18		45 S.	223	100	71	112	Nov. 9, 1870	
Moorhead, P T W R S	46	52	96	44	1	27 S.	940	8	3	57	Jan. 31, 1881	
Mount Tamalpais, P T W R S	37	56	122	35	3	10 S.	2,375	11	5	18	Sept. 2, 1898	
Mount Weather, P T W R S	39	04	77	54		12 S.	1,725	10	3	75	Nov. 1, 1904	
Muskogee	35	44	95	22	1	21 S.	617	5	3	.....	Dec. 11, 1912	
Nantucket, P T W R S	41	17	70	06		20 F.	12	14	4	90	Oct. 18, 1886	
Narragansett Pier	41	19	71	17		15 F.	.....	9	3	.....	Apr. 1, 1882	
Nashville, P T W R S	36	10	86	47		47 S.	546	168	161	191	Nov. 1, 1870	
New Haven, P T W R S	41	18	72	56		08 F.	106	117	111	155	Dec. 10, 1872	
New Orleans, P T W R S	29	58	90	04	1	00 S.	51	90	78	121	Nov. 1, 1870	
New York, P T W R S	40	43	74	00		04 F.	314	414	407	454	.....do.....	
Nome	64	30	165	24	6	02 S.	22	.....	34	.....	Dec. 1, 1906	
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	12	3	60	Mar. 1, 1887	
North Head, P T W R S	46	16	124	04	3	16 S.	211	11	3	56	Aug. 1, 1902	
North Platte, P T W R S	41	08	100	45	1	43 S.	2,821	11	3	51	Sept. 18, 1874	
North Yakima	46	36	120	34	3	02 S.	1,076	4	4	.....	Mar. 1, 1909	
Notre Dame, P T W R S	41	36	86	14		45 S.	742	65	58	76	Mar. 26, 1912	
Oklahoma City, P T W R S	35	26	97	33	1	30 S.	1,214	10	3	47	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 W S	43	29	76	35		06 S.	335	76	68	91	.....do.....	
Palestine, P T W R S	31	45	95	40	1	23 S.	510	73 64	68 57	79 72	Dec. 3, 1881	Mar. 31, 1912
Parkersburg, P T W R S	39	16	81	36		26 S.	638	77	70	84	July 1, 1888	
Pasadena	34	07	118	10	2	53 S.	.....	.....	.....	.....	Dec. 1, 1908	
Paso Robles	35	38	120	41	3	03 S.	.....	.....	.....	.....	July 1, 1909	
Pensacola, P T W R S	30	25	87	13		49 S.	56	140	131	183	Oct. 27, 1879	
Peoria, P T W R S	40	43	89	36		58 S.	609	11	4	45	Feb. 1, 1905	
Philadelphia, P T W R S	39	57	75	09		01 S.	117	123	114	184	Jan. 1, 1871	
Phoenix, P T W R S	33	28	112	00	2	28 S.	1,108	50	41	56	Aug. 6, 1895	
Pierre, P T W R S	44	22	100	21	1	41 S.	1,572	70	63	75	July 1, 1891	
Pittsburgh, P T W R S	40	32	80	02		20 S.	842	353	345	410	Nov. 1, 1870	
Plainfield	40	38	74	24		02 F.	.....	.....	.....	.....	Dec. 7, 1912	
Pocatello, P T W R S	42	52	112	29	2	30 S.	4,477	46	37	54	July 1, 1899	
Point Reyes Light, P W R S	38	11	122	51	3	11 S.	490	7	3	18	Mar. 1, 1889	
Port Crescent, P T W R S	48	08	123	41	3	15 S.	259	8	4	53	Oct. 1, 1898	
Port Huron, P T W R 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	82	75	117	Jan. 15, 1871	
Portland, Oreg., P T W R S	45	32	122	43	3	11 S.	153	68	63	106	Nov. 1, 1870	
Providence, P T W R S	41	50	71	25		14 F.	160	141	134	165	Oct. 22, 1904	
Provo	40	13	111	38	2	27 S.	.....	.....	.....	.....	Mar. 14, 1911	
Pueblo, P T W R S	38	18	104	36	1	58 S.	4,685	80	72	86	July 1, 1888	
Raleigh, P T W R S	35	45	78	37		14 S.	376	103	94	110	Apr. 1, 1884	
Rapid City, P T W R S	44	04	103	12	1	53 S.	3,234	46	35	50	Jan. 24, 1881	
Reading, P T W R S	40	20	75	58		04 S.	325	81	73	98	Dec. 1, 1912	
Red Bluff, P T W R S	40	10	122	15	3	09 S.	332	50	40	56	July 1, 1877	
Redlands	34	03	117	12	2	49 S.	.....	.....	.....	.....	Dec. 1, 1908	
Reno, P T W R S	39	32	119	49	2	59 S.	4,532	74	67	81	Nov. 11, 1905	
Richmond, P T W R S	37	32	77	27		10 S.	144	11	3	52	Oct. 5, 1897	
Riverside	33	58	117	22	2	49 S.	.....	.....	.....	.....	Feb. 10, 1908	
Rochester, P T W R S	43	08	77	42		11 S.	523	86	77	102	Nov. 1, 1870	
Roseburg, P T W R S	43	13	123	20	3	13 S.	510	9	4	57	July 15, 1877	
Roswell, P T W R S	33	24	104	27	1	58 S.	3,566	9	4	57	Dec. 20, 1904	
Sacramento, P T W R S	38	35	121	30	3	06 S.	69	106	100	117	July 1, 1877	
Saginaw, P T W R S	43	26	83	57		36 S.	641	62	56	64	Oct. 10, 1913	
St. Joseph, P T W R S	39	49	94	51	1	19 S.	967	11	3	49	Apr. 25, 1910	
St. Louis, P T W R S	38	38	90	12	1	01 S.	567	208	199	217	Nov. 1, 1870	
St. Paul, P T W R S	44	58	93	03	1	12 S.	837	203 201	196	212 236	.....do.....	June 21, 1912

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, 1912. 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.		
Salt Lake City, P T W R S.	40	46	111	54	2	28 S.	4,360	147	141	189	Mar. 19, 1874	
San Antonio, P T W R S....	29	27	98	28	1	34 S.	701	80	72	91	Jan. 2, 1876	
San Bernardino.....	34	06	117	18	2	49 S.	.....	.....	.....	.....	Dec. 1, 1908	
San Diego, P T W R S.....	32	43	117	10	2	49 S.	87	94	86	102	Nov. 1, 1871	
Sand Key, P T W R S.....	24	27	81	53		28 S.	23	41 39	40 6	71 72	June 1, 1903	Jan. 1, 1912
Sandusky, P T W R S.....	41	25	82	40		31 S.	629	62	54	70	Aug. 2, 1877	
San Francisco, P T W R S..	37	48	122	26	3	10 S.	155	200	191	204	Feb. 2, 1871	
San Jose, P T W R S.....	37	20	121	54	3	08 S.	141	12	3	110	Sept. 28, 1905	
San Juan, P T W R S.....	18	29	66	07		36 F.	82	48	40	90	Nov. 1, 1898	
San Luis Obispo, P T W R S.	35	18	120	39	3	03 S.	201	47	40	54	June 1, 1885	
Santa Barbara.....	34	25	119	42	2	59 S.	.....	.....	.....	.....	June 15, 1911	
Santa Fé, P T W R S.....	35	41	105	57	2	04 S.	7,013	8 57	3 49	56 62	Nov. 20, 1871	Apr. 12, 1912
Sault Ste. Marie, P T W R S.	46	30	84	21		37 S.	614	11	3	61	Aug. 5, 1877	
Savannah, P T W R S.....	32	05	81	05		24 S.	65	150	143	194	Jan. 1, 1871	
Scranton, P T W R S.....	41	24	75	42		03 S.	805	111	102	119	Aug. 17, 1900	
Seattle, P T W R S.....	47	38	122	20	3	09 S.	125	215	209	250	May 1, 1893	
Sheridan, P T W R S.....	44	48	106	57	2	08 S.	3,790	10	3	47	Apr. 29, 1907	
Shreveport, P T W R S.....	32	30	93	40	1	15 S.	249	68	59	74	Sept. 3, 1871	
Sioux City, P T W R S.....	42	29	96	24	1	26 S.	1,135	94	86	164	Dec. 1, 1887	
Siskiyou.....	42	03	122	39	3	11 S.	4,115	4	5	.....	Sept. 1, 1908	
Sitka.....	57	04	135	20	4	01 S.	90	3	2	.....	Mar. 26, 1881	
S. E. Farallon, P T W R S.	37	42	123	00	3	12 S.	30	9	3	17	June 4, 1903	
Spokane, P T W R S.....	47	40	117	25	2	50 S.	1,929	101	94	110	Feb. 1, 1881	
Springfield, Ill., P T W R S.	39	48	89	39		59 S.	644	10	4	91	July 1, 1879	
Springfield, Mo., P T W R S.	37	12	93	18	1	13 S.	1,324	98	6	104	June 3, 1882	
Summit.....	39	18	120	20	3	01 S.	.....	.....	.....	.....	Nov. 16, 1905	
Syracuse, P T W R S.....	43	02	76	10		05 S.	597	97	65	113	Aug. 22, 1902	
Tacoma, P T W R S.....	47	16	122	23	3	10 S.	213	113	104	120	May 1, 1897	
Tampa, P T W R S.....	27	57	82	27		30 S.	35	79	71	96	Mar. 13, 1890	
Tanana.....	65	12	152	00	5	08 S.	.....	4	3	.....	Sept. 9, 1909	
Tatoosh Island, P T W R S.	48	23	124	44	3	19 S.	109	7	4	57	Nov. 22, 1902	
Taylor, P T W R S.....	30	35	97	20	1	29 S.	583	55	48	63	Nov. 13, 1901	
Terre Haute, P T W R S...	39	29	87	24		50 S.	575	96	84	129	July 29, 1912	
Thomasville, P T W R S....	30	48	83	58		36 S.	273	8	4	57	Aug. 20, 1905	
Titusville.....	28	34	80	51		23 S.	25	6	3	.....	July 13, 1911	
Toledo, P T W R S.....	41	40	83	34		34 S.	628	207	201	246	Nov. 1, 1870	
Tonopah, P T W R S.....	38	04	117	14	2	49 S.	6,090	12	9	20	July 9, 1906	
Topeka, P T W R S.....	39	03	95	41	1	23 S.	987	85	76	101	June 1, 1887	
Tucson.....	32	15	110	50	2	23 S.	2,526	5	3	.....	Feb. 16, 1911	
Valdez.....	61	06	146	13	4	45 S.	10	8	5	.....	Sept. 14, 1909	
Valentine, P T W R S.....	42	50	100	32	1	42 S.	2,598	47	36	54	Sept. 1, 1885	
Vicksburg, P T W R S.....	32	22	90	53	1	04 S.	247	62	53	74	Sept. 10, 1871	
Wallace.....	47	28	115	51	2	43 S.	2,753	5	3	.....	Oct. 22, 1907	
Walla Walla, P T W R S....	46	02	118	20	2	53 S.	1,000	107	100	115	Dec. 1, 1885	
Washington (City), P T W R S	38	54	77	03		08 S.	112	62	42	85	Nov. 1, 1870	
Wichita, P T W R S.....	37	41	97	20	1	29 S.	1,358	139	132	158	July 1, 1888	
Williston, P T W R S.....	48	09	103	35	1	54 S.	1,872	40	29	47	Nov. 24, 1893	
Wilmington, P T W R S....	34	14	77	57		12 S.	78	81	76	91	Jan. 1, 1871	
Winnemucca, P W R S.....	40	58	117	43	2	51 S.	4,344	18	3	56	July 1, 1877	
Wytheville, P T W R S....	36	56	81	05		24 S.	2,293	40	32	47	Nov. 10, 1902	
Yankton, P T W R S.....	42	54	97	28	1	30 S.	1,233	49	42	57	Apr. 1, 1873	
Yellowstone Park, P T W R S	44	58	110	42	2	23 S.	6,200	11	4	48	Dec. 2, 1903	
Yuma, P T W S.....	32	45	114	36	2	38 S.	141	9	2	58	Oct. 4, 1875	

TABLE I.—*Latitude, longitude, elevation, etc., of Weather Bureau stations*—Continued.

WEST INDIAN STATIONS.

Stations.	Latitude.	Longitude.	Local meridian time faster or slower than 75th meridian.	Elevation Dec. 31, 1912.				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.	Fee		
Barbados.[1]									
Bridgetown	13 04	59 37	1 02 F.	30	.....	.....	.....	Aug. 15, 1898	
Curaçao.[1]									
Curaçao, **P T**	12 06	68 56	24 F.	75	.....	.....	.....	Aug. 9, 1898	
Jamaica.[1]									
Kingston	17 58	76 48	07 S.	24	.....	.....	.....	Aug. 16, 1898	
Trinidad.[1]									
Port of Spain, **P**	10 35	61 30	54 F.	40	.....	.....	.....	Aug. 7, 1898	
Dominica.[1]									
Roseau	15 17	61 23	54 F.	25	.....	.....	.....	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.[1]									
Santo Domingo	18 28	69 53	20 F.	57	.....	.....	.....	.....do.....	
Turks Island.[1]									
Grand Turk, **P V**	21 21	71 07	16 F.	11	6	2	20	July 1, 1900	

[1] Reports received during the hurricane season, June 15 to Nov. 15.

TABLE II.—*Changes in Weather Bureau stations during 1912.*

ESTABLISHED.

Stations.	Date established.
Ludington, Mich	Sept. 12
Reading, Pa	Dec. 13
Saginaw, Mich	Oct. 10
Terre Haute, Ind	July 19
SPECIAL METEOROLOGICAL.	
Cape May, N. J	Aug. 1
Dutch Harbor, Alaska[1]	Mar. 18
Flagstaff, Ariz	Aug. 1
French Lick, Ind	Nov. 1
Independence, Cal	Aug. 1
Miles City, Mont	Do.
Monroe, La	July 9
Moorhead, Minn	Aug. 1
Muskogee, Okla	Nov. 1
Notre Dame, Ind	Mar. 28
Pendleton, Oreg	Apr. 1
Plainfield, N. J	Dec. 7
St. Louis University, Mo	Nov. 1
COTTON.	
Pierce, Tex	Mar. 1
CORN AND WHEAT.	
Bowbells, N. Dak	Apr. 1
Emporia, Kans	Do.
Glasgow, Mont	Aug. 1
Hanover, Kans	Apr. 1
Jamestown, N. Dak	Do.
Lewistown, Mont	Aug. 1
Lima, Ohio	May 1
Sisseton, S. Dak	Apr. 1
RIVER.	
Aldamas, Mexico	Nov. 1
Aurora, Ill	Nov. 11
Carters Ranch, Cal	Mar. 1
Decatur, Ind	Dec. 1

[1] Hitherto known as Unalaska.

TABLE II.—*Changes in Weather Bureau stations during 1912*—Continued.

ESTABLISHED—Continued.

Stations.	Date established.
RIVER—continued.	
East Auburn, Cal	Jan. 16
Farmington, N. Mex	Apr. 1
Georgetown, Ark	Oct. 1
Jefferson, Tex	Dec. 16
Kings Mills, Ohio	July 1
Lansing, Iowa	June 1
Louisa, Ky	Nov. 1
Monterrey, Mexico	Do.
Montpelier, Ohio	Dec. 1
Morris, Ill	Nov. 11
Mosgrove, Pa	Oct. 1
Oregonia, Ohio	July 1
Paonia, Colo	Dec. 1
Piedra, Cal	Mar. 1
Rio Grande City, Tex	Nov. 1
Saginaw, Mich	Do.
State Bridge, Colo	Dec. 1
Upper Sandusky, Ohio	May 1
Wetumpka, Ala	Sept. 1
RAINFALL.	
Dickson, Tenn	Dec. 1
Edgefield, S. C	July 1
Elkin, N. C	Dec. 1
Franklin, Tenn	Do.
Gaston Shoals, S. C	Nov. 1
Gillsville, Ga	July 1
Liberty, Tenn	Dec. 1
Lyndonville, Vt	Nov. 1
Medford, Wis	Aug. 15
Merrill, Wis	Do.
Neilsville, Wis	Do.
Pontiac, Ill	Nov. 11
Prentice, Wis	Mar. 1
Sanger, Cal	Do.
Sugar Pine, Cal	Do.
Thatcher, Ariz	Aug. 1
Winston-Salem, N. C	Oct. 1
SPECIAL FRUIT.	
Asheville, N. C	Mar. 1
Bakersfield, Cal	Sept. 4
Blantyre, N. C	Mar. 1
Blowing Rock, N. C	Do.
Colfax, Wash	Apr. 1
Delaware, Ohio	Nov. 1
Delta, Colo	Sept. 23
Fort Lauderdale, Fla	Nov. 1
Globe, N. C	Mar. 1
Gorge, N. C	Do.
Hood River, Oreg	Apr. 1
Klamath Falls, Oreg	Do.
Laurier, Wash	Do.
Montrose, Colo	May 1
Mount Airy, N. C	Mar. 1
North Wilkesboro, N. C	Do.
Paonia, Colo	May 1
Pomona, Cal	Nov. 1
Porterville, Cal	Sept. 4
St. Anthony, Idaho	Apr. 1
The Dalles, Oreg	Do.
Transon, N. C	Mar. 1
Tryon, N. C	Do.
Twin Falls, Idaho	Apr. 1
Waynesville, N. C	Mar. 1
COTTON AND RAINFALL.	
Camak, Ga	July 1
SPECIAL FRUIT AND RIVER.	
Wenatchee, Wash	Apr. 1
Weiser, Idaho	Do.
SNOWFALL.	
Cathedral Park, Cal	Nov. 1
Findon, Mont	Sept. 1
Haley, N. Dak	May 1
Reeder, N. Dak	Feb. 1
Vistillas, Oreg	July 1
VESSEL WEATHER STATIONS.	
AMERICAN.	
S. S. Advance	Apr. 1
S. S. Alamo	Sept. 1
S. S. Allianca	Apr. 1
S. S. Ancon	Do.
S. S. Antilles	Aug. 20
S. S. Brazos	Apr. 1
S. S. Chalmette	Oct. 29
S. S. Colon	Apr. 1
S. S. Comal	Oct. 1
S. S. Comus	Sept. 1
S. S. Concho	Oct. 1
S. S. Creole	Sept. 1
S. S. Cristobal	Apr. 1
S. S. Denver	Do.
S. S. Esperanza	Do.
S. S. Guantanamo	Do.
S. S. Mexico	Do.
S. S. Momus	Aug. 8
S. S. Monterey	Apr. 1
S. S. Morro Castle	Do.
S. S. Nueces	Sept. 1
S. S. Panama	Apr. 1
S. S. Proteus	Aug. 20
S. S. Sabine	Sept. 25
S. S. San Jacinto	Apr. 1
S. S. Seguranca	Aug. 8
BRITISH.	
S. S. Abangarez	Apr. 1
S. S. Almiante	Do.
S. S. Atenas	Do.
S. S. Carillo	Do.
S. S. Cartago	Do.
S. S. Ceiba	Aug. 24
S. S. Ellis	Apr. 1
S. S. Heredia	Do.
S. S. Metapan	Do.
S. S. Parismina	Do.
S. S. Santa Marta	Do.
S. S. Sixaola	Do.
S. S. Tivives	Do.
S. S. Turrialba	Do.
S. S. Yoro	Aug. 15
S. S. Zapaca	Apr. 1
CUBAN.	
S. S. Santiago	May 15

TABLE II.—*Changes in Weather Bureau stations during 1912*—Continued.

ESTABLISHED—Continued.

Stations.	Date established.
VESSEL WEATHER STATIONS—Continued.	
GERMAN.	
S. S. Prinz August Wilhelm	Sept. 1
S. S. Prinz Eitel Freidrich	Aug. 20
S. S. Prinz Joachim	Aug. 8
S. S. Prinz Sigismund	Do.
VESSEL WEATHER STATIONS—Continued.	
HONDURAN.	
S. S. Joseph Vaccaro	Aug. 22
S. S. Rosina	Aug. 20
NORWEGIAN.	
S. S. Preston	Apr. 1

DISCONTINUED.

Stations.	Date discontinued.
Cape May, N. J	Aug. 1
Flagstaff, Ariz	Do.
Independence, Cal	Do.
Miles City, Mont	Do.
Moorhead, Minn	Do.
SPECIAL METEOROLOGICAL.	
Arcadia, Fla	Jan. 31
Berryville, Va	June 30
Fraser, Colo	Dec. 31
Middleburg, Va	June 30
Salida, Colo	Dec. 31
Trapp, Va	June 30
COTTON.	
Camak, Ga	June 30
Wharton, Tex	Feb. 29
CORN AND WHEAT.	
Defiance, Ohio	Feb. 29
Osage City, Kans	Mar. 31
South Bend, Ind	Do.
Toronto, Kans	Do.
RIVER.	
Fulton, Miss	Sept. 15
Gore, Colo	Nov. 30
Harrisburg, Oreg	Dec. 31
Harris Ferry, Tex	May 31
Mahoning, Pa	Apr. 30
Marked Tree, Ark	Do.
Rincon, N. Mex	Mar. 31
Shiprock, N. Mex	Do.
Stoystown, Pa	Apr. 30
Terre Haute, Ind	June 30
Trenton, N. J	Oct. 31
Weiser, Idaho	Mar. 31
Wenatchee, Wash	Do.
RAINFALL.	
Calhoun Falls, S. C	June 30
Dubois, Pa	Apr. 30
East Liverpool, Ohio	Do.
Lima, Ohio	Do.
Montpelier, Ohio	Nov. 30
New Castle, Va	Apr. 15
San Carlos, Ariz	June 30
Upper Sandusky, Ohio	Apr. 30
SPECIAL FRUIT.	
Twin Falls, Idaho	June 30
St. Anthony, Idaho	Do.
The Dalles, Oreg	Do.
COTTON AND RIVER.	
Monroe, La	June 30
SNOWFALL.	
Berthold Agency, N. Dak	Aug. 15
Big Timber Creek, Mont	Dec. 31
Bocks Ranch, Idaho	Sept. 30
Bodie, Cal	Mar. 31
Bottineau, N. Dak	Aug. 15
Broncho, N. Dak	Do.
Cabin Creek, Mont	Dec. 31
Cliffs Ranger Station, Ariz	Nov. 30
Dirty Creek, Mont	Sept. 1
Dry Creek, Mont	Dec. 31
Dry Wolf Camp, Mont	Do.
Elkhorn, Mont	Do.
Elk Mountain, S. Dak	Do.
Fales Hot Springs, Cal	Mar. 31
Fredalba, Cal	Sept. 30
Garden Valley, Idaho	Do.
Gibbon, Oreg	May 31
Glen Alpine Springs, Cal	Oct. 31
Haley, N. Dak	Aug. 15
Halfway House, Mont	Dec. 31
Jones Canyon, Mont	Do.
Long Valley Oreg	June 30
Lost Creek, Mont	Dec. 31
Marmarth, N. Dak	Aug. 15
Meacham, Oreg	Dec. 1
Miller Prairie, Oreg	Nov. 30
Mineral, Cal	Mar. 31
Mott, N. Dak	Aug. 15
Nye, Mont	Dec. 31
Olsen Creek, Mont	Do.
Ophir, Mont	Do.
Oro, Colo	June 30
Pebble, Idaho	Sept. 30
Pipestone Pass, Mont	Dec. 31
Reeder, N. Dak	Apr. 30
Reese River, Nev	Mar. 31
Reserve, Oreg	May 31
Ruby Creek, Idaho	Sept. 30
Sill Mine, Colo	Oct. 31
Stearns, Mont	Dec. 31
Trail Creek, Mont	Do.
Twin Pines, Oreg	May 31
Wall Rock Mountain, Mont	Dec. 31
Warm Springs Creek, Mont	Do.
Washburn, N. Dak	Aug. 15
Woodville, Mont	Dec. 31
Yucaipe, Cal	Mar. 31

SUNSHINE, 1912.

The following tables give for 136 stations the monthly amounts of sunshine and percentage of the possible, as derived from the automatic records made by an instrument designated the thermometric recorder illustrated in the preceding volumes of this series.

This instrument does not record satisfactorily the duration of sunshine for about one hour after sunrise and for 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 "daylight" under "cloudiness" in the tables of Part III.

Sunshine, 1912.

Stations.	January.		February.		March.		April.		May.		June.	
	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.
Albany, N. Y.	157	54	166	54	238	64	192	48	211	46	324	71
Amarillo, Tex.	279	89	253	80	251	67	335	85	376	87	365	84
Asheville, N. C.	161	52	172	54	215	58	285	72	284	65	268	61
Atlanta, Ga.	133	42	182	57	170	46	210	54	266	62	270	63
Atlantic City, N. J.	170	56	223	71	203	55	218	55	296	67	281	63
Augusta, Ga.	161	51	211	66	219	59	247	63	312	73	262	61
Baltimore, Md.	157	52	211	67	229	62	266	67	307	69	259	58
Bentonville, Ark.	194	62	162	51	121	33	233	59	323	74	281	64
Binghamton, N. Y.	67	23	122	40	175	47	139	35	207	46	253	56
Birmingham, Ala.	146	46	224	70	151	41	204	52	296	68	236	55
Bismarck, N. Dak.	122	44	135	45	231	63	252	62	217	46	290	61
Block Island, R. I.	127	43	189	61	193	52	173	43	220	49	305	67
Boise, Idaho	100	35	136	45	220	60	233	58	355	78	369	80
Boston, Mass.	136	46	202	66	238	64	234	58	281	62	390	86
Buffalo, N. Y.	93	32	123	40	207	56	175	44	197	43	268	58
Burlington, Vt.	132	45	140	46	192	52	216	53	230	50	276	60
Canton, N. Y.	126	44	152	50	233	63	236	58	238	52	292	62
Charles City, Iowa	196	67	192	63	258	70	293	73	357	79	395	86
Charleston, S. C.	139	44	189	59	230	62	255	65	296	69	298	70
Chattanooga, Tenn.	129	41	144	45	131	35	172	44	260	60	230	53
Cheyenne, Wyo.	201	67	166	54	252	68	256	64	322	72	300	66
Chicago, Ill.	124	42	140	46	205	55	262	65	310	69	362	80
Cincinnati, Ohio	138	45	163	52	145	39	219	55	295	66	309	69
Cleveland, Ohio	64	22	115	37	163	44	229	57	311	69	310	68
Columbia, Mo.	187	62	155	50	200	54	245	62	329	74	285	64
Columbus, Ohio	130	43	191	61	196	53	257	65	358	80	349	78
Concordia, Kans.	170	56	134	43	186	50	231	58	344	77	321	72
Denver, Colo.	202	67	190	61	189	51	228	57	255	57	260	58
Des Moines, Iowa	187	63	196	64	235	63	288	72	349	77	335	74
Detroit, Mich.	96	33	125	41	226	61	223	56	259	57	311	68
Devils Lake, N. Dak.	189	69	138	46	262	71	269	65	214	45	335	70
Dodge City, Kans.	192	63	161	51	138	37	229	58	309	70	265	60
Dubuque, Iowa	178	60	137	44	217	59	256	64	281	62	332	73
Durango, Colo.	239	77	246	78	215	58	276	70	342	78	336	76
Eastport, Me.	82	29	161	53	187	51	235	58	215	47	293	63
Elkins, W. Va.	85	28	130	42	122	33	206	52	260	59	242	54
El Paso, Tex.	257	80	278	86	279	75	321	83	387	90	346	81
Erie, Pa.	64	22	116	38	198	53	234	58	291	64	334	74
Escanaba, Mich.	157	56	117	39	238	64	240	59	223	48	320	68
Eureka, Cal.	60	20	89	29	179	48	141	35	185	41	164	36
Flagstaff, Ariz.[1]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort Smith, Ark.	194	62	166	52	124	33	238	61	347	80	300	69
Fresno, Cal.	146	47	257	82	219	59	304	77	374	85	404	92
Galveston, Tex.	149	46	223	69	136	36	190	49	327	78	338	81
Grand Haven, Mich.	50	17	94	31	222	60	245	61	243	53	341	74
Grand Junction, Colo.	213	70	219	70	187	50	258	65	308	69	324	73
Grand Rapids, Mich.	48	17	84	28	170	46	212	53	252	56	296	64
Green Bay, Wis.	164	57	151	50	277	75	287	71	244	53	345	74
Harrisburg, Pa.	119	40	171	55	211	57	177	44	281	63	263	59
Hartford, Conn.	179	61	227	74	225	61	183	46	233	52	352	77
Havre, Mont.	131	48	176	59	286	77	272	66	299	63	379	78
Helena, Mont.	137	49	139	46	283	77	265	65	318	68	327	69
Honolulu, Hawaii	224	65	176	53	156	42	227	60	240	59	216	54
Houston, Tex.	182	56	227	70	158	42	185	48	310	73	281	67
Huron, S. Dak.	115	40	164	54	240	65	261	65	304	66	350	76

[1] No record.

Sunshine, 1912.

Stations.	July.		August.		September.		October.		November.		December.		Annual.	
	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.
Albany, N. Y.	311	67	253	59	160	43	194	57	128	44	99	35	2,434	54
Amarillo, Tex.	388	88	356	86	290	78	306	88	287	92	264	86	3,751	84
Asheville, N. C.	262	59	277	66	252	68	247	71	222	72	131	43	2,776	62
Atlanta, Ga.	233	53	269	65	183	49	183	52	229	73	111	36	2,440	54
Atlantic City, N. J.	324	72	303	71	220	59	256	74	190	63	191	65	2,875	64
Augusta, Ga.	298	68	283	68	197	53	253	72	269	86	166	54	2,878	64
Baltimore, Md.	338	75	308	73	210	56	248	72	175	58	135	46	2,841	63
Bentonville, Ark.	345	78	347	83	270	73	224	64	226	74	195	65	2,921	65
Binghamton, N. Y.	248	54	164	38	126	34	177	51	97	33	70	24	1,845	40
Birmingham, Ala.	219	50	254	61	250	67	203	58	225	72	106	34	2,512	56
Bismarck, N. Dak.	347	72	300	68	174	46	200	59	161	57	143	54	2,572	56
Block Island, R. I.	276	60	278	65	195	52	192	56	160	54	140	49	2,448	54
Boise, Idaho	361	77	347	80	283	75	206	60	142	49	106	38	2,859	61
Boston, Mass.	339	74	301	70	224	60	226	66	170	58	160	56	2,902	64
Buffalo, N. Y.	321	69	179	42	200	53	193	56	117	40	78	28	2,151	47
Burlington, Vt.	311	66	217	50	136	36	164	48	73	25	72	26	2,158	46
Canton, N. Y.	305	65	164	38	94	25	197	58	79	28	97	35	2,212	48
Charles City, Iowa	387	83	282	65	235	63	247	72	202	69	180	64	3,223	71
Charleston, S. C.	283	65	288	70	211	57	242	69	250	80	124	40	2,804	62
Chattanooga, Tenn.	203	46	237	57	221	59	228	65	193	62	119	39	2,268	50
Cheyenne, Wyo.	270	59	324	76	203	54	213	62	173	58	193	67	2,874	64
Chicago, Ill.	301	65	244	57	252	67	245	71	187	63	144	51	2,775	61
Cincinnati, Ohio	302	67	230	54	265	71	236	68	178	59	165	56	2,645	58
Cleveland, Ohio	234	51	200	47	196	52	168	49	117	40	105	37	2,213	48
Columbia, Mo.	364	80	313	74	253	68	273	79	239	79	218	74	3,060	68
Columbus, Ohio	296	65	232	55	263	70	245	71	216	72	129	44	2,862	63
Concordia, Kans.	357	78	337	79	242	65	253	73	222	74	227	78	3,024	67
Denver, Colo.	197	43	229	54	156	42	214	62	225	75	232	80	2,577	59
Des Moines, Iowa	369	80	273	64	196	52	258	75	239	81	209	73	3,135	70
Detroit, Mich.	315	68	230	54	218	58	212	62	117	40	70	25	2,401	52
Devils Lake, N. Dak.	292	60	205	46	181	48	192	57	[1] 73	150	122	46	.....	56
Dodge City, Kans.	325	72	277	66	216	58	285	82	253	83	250	84	2,900	65
Dubuque, Iowa	346	75	273	64	216	58	229	67	169	57	156	55	2,791	62
Durango, Colo.	353	79	366	87	336	90	264	76	274	90	240	80	3,486	78
Eastport, Me.	270	57	231	53	212	57	174	51	113	39	140	51	2,313	51
Elkins, W. Va.	253	56	209	49	233	63	198	57	133	44	138	47	2,209	49
El Paso, Tex.	319	73	268	65	286	77	268	76	265	84	235	75	3,508	79
Erie, Pa.	251	54	97	23	161	43	150	44	67	23	87	31	2,050	44
Escanaba, Mich.	252	53	160	37	162	43	193	57	95	33	79	29	2,234	49
Eureka, Cal.	132	29	115	27	112	30	66	19	46	15	75	26	1,363	30
Flagstaff, Ariz.[2]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort Smith, Ark.	348	79	327	78	297	80	221	63	242	78	193	63	2,996	66
Fresno, Cal.	410	92	416	99	348	93	299	86	238	78	230	77	3,644	81
Galveston, Tex.	373	87	273	67	252	68	255	72	215	67	129	40	2,860	63
Grand Haven, Mich.	292	63	257	60	210	56	216	63	123	42	75	27	2,368	51
Grand Junction, Colo.	319	70	335	79	293	79	201	58	229	76	177	60	3,064	68
Grand Rapids, Mich.	250	54	196	46	147	39	210	62	121	41	59	21	2,047	44
Green Bay, Wis.	319	68	230	53	235	62	237	70	152	53	139	51	2,780	61
Harrisburg, Pa.	259	57	195	46	204	55	221	64	155	52	157	54	2,414	54
Hartford, Conn.	299	65	236	55	134	36	187	54	142	48	139	49	2,535	56
Havre, Mont.	310	64	269	61	201	53	166	50	124	45	73	28	2,684	58
Helena, Mont.	286	60	273	62	176	47	203	60	164	58	132	50	2,704	59
Honolulu, Hawaii	215	52	241	61	210	57	266	74	193	58	187	55	2,551	58
Houston, Tex.	316	74	300	73	280	76	239	67	220	69	134	42	2,832	63
Huron, S. Dak.	320	68	313	72	252	67	268	79	220	76	156	56	2,963	65

[1] Incomplete; for 16 days.

[2] No record.

Sunshine, 1912—Continued.

Stations.	January.		February.		March.		April.		May.		June.	
	Hours.	Percentage of possible	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.
Indianapolis, Ind	183	61	195	63	190	51	248	62	317	71	308	69
Jacksonville, Fla	146	45	198	61	205	55	214	55	272	64	188	45
Kalispell, Mont	50	18	92	31	248	67	207	50	247	52	310	65
Kansas City, Mo	194	64	154	49	172	46	235	59	370	83	305	68
Knoxville, Tenn	158	51	157	50	158	42	226	57	293	67	298	68
La Crosse, Wis	180	62	139	46	229	62	254	63	259	57	317	68
Lander, Wyo	186	64	161	52	242	65	256	64	280	62	292	64
La Salle, Ill	147	49	164	53	219	59	283	71	314	70	347	77
Lexington, Ky	131	43	96	31	112	30	225	57	304	69	298	67
Little Rock, Ark	191	61	199	63	166	45	234	60	328	76	311	72
Los Angeles, Cal	232	73	260	81	204	55	250	64	289	67	291	68
Louisville, Ky	139	45	129	41	123	33	226	57	270	61	304	69
Lynchburg, Va	117	38	168	53	185	50	212	54	302	69	281	64
Macon, Ga	146	46	176	55	182	49	215	55	290	67	216	50
Madison, Wis	160	55	132	43	200	54	213	53	213	47	283	62
Marquette, Mich	163	58	141	47	220	59	254	62	265	57	369	78
Memphis, Tenn	173	55	162	51	155	42	228	58	330	76	275	63
Meridian, Miss	174	54	200	62	158	42	220	57	349	82	249	58
Milwaukee, Wis	154	53	154	50	198	53	226	56	219	48	297	65
Mobile, Ala	141	44	181	56	212	57	221	57	330	78	236	56
Modena, Utah	202	66	214	68	170	46	202	51	282	64	320	72
Mount Tamalpais, Cal	91	30	146	47	172	46	206	52	275	62	273	62
Mount Weather, Va	124	41	174	56	160	43	163	41	255	57	197	44
New Haven, Conn	172	58	225	73	216	58	195	49	261	58	369	82
New Orleans, La	138	43	142	44	182	49	173	45	278	66	191	45
New York, N. Y	175	59	236	76	225	61	225	56	297	66	357	79
Norfolk, Va	126	41	188	60	173	46	206	52	294	67	232	53
Northfield, Vt	106	37	162	53	240	65	232	58	218	48	309	67
North Head, Wash	68	24	129	43	271	73	222	54	285	61	260	55
North Platte, Nebr	166	56	142	46	186	50	235	59	285	63	296	65
Oklahoma, Okla	176	56	187	59	116	31	233	59	328	76	318	73
Omaha, Nebr	183	62	151	49	197	53	215	54	343	76	272	60
Parkersburg, W. Va	82	27	89	28	108	29	187	47	222	50	214	48
Peoria, Ill	188	63	180	58	209	56	271	68	296	66	333	74
Philadelphia, Pa	164	54	209	67	186	50	190	48	258	58	265	59
Phoenix, Ariz	275	86	296	92	270	73	343	88	403	94	396	92
Pittsburgh, Pa	72	24	131	42	147	40	175	44	269	60	244	54
Pocatello, Idaho	99	34	153	50	210	57	227	56	282	62	329	72
Port Huron, Mich	109	37	122	40	231	62	218	54	260	57	359	78
Portland, Me	153	53	222	73	237	64	218	54	215	47	346	75
Portland, Oreg	57	20	103	34	183	49	84	21	262	56	258	55
Providence, R. I	162	55	208	67	233	63	220	55	240	53	371	82
Pueblo, Colo	275	90	199	63	232	62	284	72	310	70	321	72
Raleigh, N. C	135	43	183	58	181	49	237	60	314	72	298	68
Rapid City, S. Dak	144	50	183	60	260	70	286	71	304	66	321	69
Richmond, Va	107	35	164	52	188	51	222	56	311	70	265	60
Rochester, N. Y	123	42	132	43	226	61	223	56	246	54	353	77
Roswell, N. Mex	266	84	237	74	216	58	308	79	360	84	332	77
Sacramento, Cal	91	30	186	60	194	52	222	56	273	61	329	74
St. Louis, Mo	164	54	108	34	188	51	252	63	353	80	310	70
St. Paul, Minn	215	75	166	55	256	69	269	66	313	68	353	76
Salt Lake City, Utah	116	39	90	29	131	35	175	44	282	63	311	69
San Antonio, Tex	149	46	188	58	95	26	162	42	256	61	263	63
San Diego, Cal	235	74	246	77	178	48	238	61	225	52	245	57
San Francisco, Cal	114	37	161	51	158	43	192	49	310	70	301	68

Sunshine, 1912—Continued.

Stations.	July.		August.		September.		October.		November.		December.		Annual.	
	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.
Indianapolis, Ind	245	54	241	57	302	81	225	65	185	62	154	53	2,792	62
Jacksonville, Fla	249	58	265	65	186	50	199	56	213	67	155	49	2,490	56
Kalispell, Mont	256	53	223	50	223	59	159	47	68	24	60	23	2,143	45
Kansas City, Mo	378	83	310	73	240	64	269	78	227	75	197	67	3,050	67
Knoxville, Tenn	293	66	166	40	239	64	215	61	211	68	115	38	2,528	56
La Crosse, Wis	320	68	213	49	225	60	233	68	173	60	145	52	2,687	60
Lander, Wyo	298	64	322	75	204	55	231	68	144	49	187	67	2,803	62
La Salle, Ill	348	76	267	62	235	63	251	73	189	64	176	61	2,941	65
Lexington, Ky	306	68	250	59	261	70	239	69	153	50	129	43	2,502	55
Little Rock, Ark	346	78	319	77	320	86	270	77	228	74	151	50	3,065	68
Los Angeles, Cal	313	71	319	77	287	77	231	66	246	79	276	90	3,198	72
Louisville, Ky	309	69	260	62	280	75	217	62	174	57	169	57	2,600	57
Lynchburg, Va	302	68	283	67	226	61	237	68	180	59	128	43	2,621	58
Macon, Ga	254	58	245	59	184	50	186	53	246	78	114	37	2,454	55
Madison, Wis	273	59	225	52	211	56	222	65	119	41	120	43	2,370	52
Marquette, Mich	337	70	182	41	180	48	185	55	74	26	71	27	2,441	52
Memphis, Tenn	330	75	314	75	299	80	250	72	215	69	147	48	2,878	64
Meridian, Miss	203	47	283	69	243	65	201	57	174	55	97	31	2,549	57
Milwaukee, Wis	274	59	188	44	234	62	226	66	141	48	141	50	2,450	54
Mobile, Ala	251	58	236	57	228	61	209	59	229	72	117	37	2,591	58
Modena, Utah	255	57	354	84	289	78	248	71	252	83	256	86	3,045	69
Mount Tamalpais, Cal	385	86	402	95	274	74	271	78	192	63	197	66	2,882	63
Mount Weather, Va	256	57	158	37	164	44	228	66	185	61	145	49	2,210	50
New Haven, Conn	324	71	276	65	186	50	217	63	169	57	176	61	2,786	62
New Orleans, La	224	52	225	55	187	51	143	40	189	59	87	28	2,158	48
New York, N. Y	349	76	303	71	199	53	243	70	200	67	159	55	2,967	66
Norfolk, Va	324	72	283	67	231	62	261	75	223	73	171	57	2,712	60
Northfield, Vt	324	69	207	48	148	40	171	50	96	33	124	45	2,338	51
North Head, Wash	213	45	235	54	234	62	162	48	87	31	95	35	2,261	49
North Platte, Nebr	335	73	307	72	212	57	278	81	227	76	180	63	2,848	63
Oklahoma, Okla	390	88	346	83	298	80	270	77	263	85	207	68	3,132	70
Omaha, Nebr	336	73	242	57	175	47	234	68	114	38	196	68	2,656	59
Parkersburg, W. Va	212	47	161	38	249	67	217	63	120	40	110	38	1,970	44
Peoria, Ill	326	71	261	61	227	61	246	71	207	70	172	60	2,916	65
Philadelphia, Pa	306	67	256	60	189	51	246	71	188	63	163	56	2,620	59
Phoenix, Ariz	332	76	340	82	348	94	294	83	274	87	272	88	3,843	86
Pittsburgh, Pa	228	50	205	48	257	69	219	64	139	47	131	46	2,217	49
Pocatello, Idaho	318	68	323	75	276	74	192	56	183	63	104	37	2,695	59
Port Huron, Mich	303	65	225	52	226	60	210	62	120	41	98	35	2,482	54
Portland, Me	282	60	251	58	156	42	224	66	154	53	168	61	2,627	59
Portland, Oreg	248	52	192	44	194	52	109	32	49	17	46	17	1,785	37
Providence, R. I	332	72	269	63	202	54	230	67	155	53	147	52	2,768	61
Pueblo, Colo	315	70	339	80	250	67	282	81	261	86	274	92	3,341	75
Raleigh, N. C	290	65	307	73	231	62	277	79	258	84	173	57	2,884	64
Rapid City, N. Dak	332	71	318	73	209	56	222	65	191	66	157	57	2,925	64
Richmond, Va	345	77	311	74	235	63	274	79	216	71	188	63	2,825	63
Rochester, N. Y	370	79	230	53	218	58	195	57	122	42	97	34	2,534	55
Roswell, N. Mex	362	83	278	67	256	69	282	80	250	80	206	66	3,352	75
Sacramento, Cal	418	92	422	100	330	89	268	77	170	56	215	73	3,116	68
St. Louis	335	74	294	69	266	71	236	68	214	71	193	66	2,913	64
St. Paul, Minn	344	73	271	62	227	60	230	68	185	64	129	47	2,957	65
Salt Lake City, Utah	262	57	328	77	264	71	167	48	165	55	132	46	2,424	53
San Antonio, Tex	301	70	284	70	252	68	202	57	158	49	96	30	2,405	53
San Diego, Cal	292	67	281	68	278	75	242	69	244	78	268	86	2,973	68
San Francisco, Cal	273	61	335	79	243	65	317	91	171	56	192	65	2,767	61

Sunshine, 1912—Continued.

Stations.	January.		February.		March.		April.		May.		June.	
	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.
San Jose, Cal	169	55	211	67	196	53	240	61	346	79	351	80
San Juan, P. R	278	80	272	81	276	74	273	73	304	75	296	75
San Luis Obispo, Cal	140	45	215	68	134	36	214	55	234	54	299	69
Santa Fe, N. Mex	264	85	244	77	216	58	296	75	372	85	356	81
Sault Ste. Marie, Mich	111	39	136	45	233	63	223	55	215	46	318	68
Savannah, Ga	116	36	163	51	197	53	242	62	260	61	234	55
Seattle, Wash	93	34	117	39	223	60	173	42	280	59	272	57
Sheridan, Wyo	161	56	190	63	273	74	242	60	276	60	335	72
Sioux City, Iowa	134	45	158	51	218	59	224	56	304	67	291	64
Southeast Farallon, Cal	115	37	150	48	166	45	227	57	251	57	247	56
Spokane, Wash	67	24	113	38	213	58	201	49	300	64	324	68
Springfield, Ill	175	58	163	52	194	52	258	65	326	73	319	71
Tacoma, Wash	85	30	88	29	191	52	130	32	226	48	206	43
Tampa, Fla	123	37	172	53	229	61	261	68	251	60	172	41
Toledo, Ohio	101	34	117	38	196	53	220	55	283	63	337	74
Tonopah, Nev	193	63	230	73	176	47	220	56	318	72	354	80
Topeka, Kans	198	65	166	53	206	56	243	61	375	85	301	67
Vicksburg, Miss	150	47	193	60	148	40	235	60	355	83	262	61
Walla Walla, Wash	61	21	120	40	215	58	224	55	319	69	341	72
Washington, D. C	105	35	154	49	178	48	164	41	284	64	228	51
Wilmington, N. C	143	45	204	64	194	52	254	65	299	69	286	66
Winnemucca, Nev	148	49	167	54	230	62	249	62	334	74	379	84
Wytheville, Va	141	46	157	50	180	48	250	63	317	72	299	68
Yankton, S. Dak	120	41	167	54	222	60	223	56	307	68	306	67
Yellowstone Park, Wyo	128	45	207	68	270	73	272	67	265	58	326	70
Yuma, Ariz	282	89	296	92	300	81	360	92	384	89	404	94

Sunshine, 1912—Continued.

Stations.	July.		August.		September.		October.		November.		December.		Annual.	
	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.	Hours.	Percentage of possible.
San Jose, Cal	350	78	367	87	293	79	301	86	212	69	225	75	3,259	72
San Juan, P. R	326	80	276	70	246	67	211	58	192	57	216	63	3,166	71
San Luis Obispo, Cal	285	64	329	79	276	74	255	73	224	72	258	85	2,864	64
Santa Fe, N. Mex	354	80	324	77	327	88	268	77	242	78	246	81	3,507	79
Sault Ste. Marie, Mich	240	51	120	27	129	34	161	48	68	24	32	12	1,986	43
Savannah, Ga	224	52	204	50	132	36	173	49	222	70	112	36	2,280	51
Seattle, Wash	276	57	214	48	207	55	153	45	56	20	44	17	2,107	44
Sheridan, Wyo	286	61	301	69	132	35	162	48	149	52	113	41	2,620	58
Sioux City, Iowa	327	71	315	73	211	56	258	75	217	73	190	67	2,846	63
Southeast Farallon, Cal	219	49	260	62	197	53	248	71	168	55	160	54	2,407	54
Spokane, Wash	320	66	265	60	273	72	150	45	44	16	68	26	2,339	49
Springfield, Ill	328	72	302	71	278	74	262	76	221	74	198	68	3,023	67
Tacoma, Wash	235	49	205	47	173	46	92	27	42	15	23	9	1,696	36
Tampa, Fla	241	57	245	60	183	49	232	65	209	65	176	55	2,493	56
Toledo, Ohio	248	54	230	54	233	62	219	64	137	47	103	36	2,423	53
Tonopah, Nev	300	67	404	96	285	76	230	66	243	80	208	70	3,162	70
Topeka, Kans	364	81	330	78	240	64	252	73	227	75	213	73	3,116	69
Vicksburg, Miss	272	63	288	70	290	78	247	70	237	75	128	41	2,804	62
Walla Walla, Wash	357	75	312	71	290	77	180	53	54	19	114	42	2,588	54
Washington, D. C	289	64	208	49	165	44	261	75	174	58	153	52	2,364	52
Wilmington, N. C	308	70	298	72	200	54	233	66	246	79	160	52	2,826	63
Winnemucca, Nev	383	84	380	89	314	84	230	67	204	69	192	67	3,210	70
Wytheville, Va	257	57	201	48	211	57	229	66	219	72	140	47	2,600	58
Yankton, S. Dak	307	66	325	75	236	63	262	77	214	73	158	56	2,848	64
Yellowstone Park, Wyo	303	64	294	67	166	44	176	52	123	43	94	34	2,623	57
Yuma, Ariz	394	90	380	92	362	97	317	90	281	90	271	87	4,030	90

EXCESSIVE RAINFALL, 1912.

The table following contains the record of excessive rainfall for the calendar year 1912. Similar records for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, and 1909 were published in the Annual Reports of the Chief of the Weather Bureau, 1897–98, pages 275–280; 1899–1900, pages 300–309; 1900–1901, pages 281–287; 1901–2, pages 268–275; 1902–3, pages 269–278; 1903–4, pages 370–379; 1904–5, pages 376–384; 1905–6, pages 394–405; 1906–7, pages 393–402; 1907–8, pages 387–397; 1908–9, pages 59–70; 1909–10, pages 64–76; 1910–11, pages 64–77; 1911–12, pages 66–81, 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.

The following table shows the accumulated amounts of precipitation for each five minutes during all storms of 1911 (along the Atlantic coast and Gulf region at stations having normally heavy falls only the more important storms are recorded), in which the rate of fall equaled 0.25 inch in any five minutes or 0.80 inch in one hour, at stations of the Weather Bureau furnished with self-registering gages.

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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.:																				
Aug. 23	3.50 p. m.	5.15 p. m.	0.79	4.19 p. m.	4.45 p. m.	0.07	0.11	0.33	0.48	0.55	0.65	0.67								
Portland, Me.:																				
Sept. 20	1.00 a. m.	4.50 a. m.	.74	3.09 a. m.	3.21 a. m.	.10	.15	.35	.42											
Concord, N. H.:																				
Sept. 15–16	5.20 p. m.	D. N. a. m.	1.21	9.16 p. m.	9.28 p. m.	.67	.06	.24	.37											
Sept. 19	2.32 p. m.	2.54 p. m.	.36	2.35 p. m.	2.48 p. m.	T.	.13	.24	.36											
Burlington, Vt.:																				
May 29–30	11.18 a. m.	1.30 p. m.	1.00	11.41 a. m.	11.57 a. m.	.01	.11	.30	.44	.46										
July 10	7.18 p. m.	9.30 p. m.	1.20	7.39 p. m.	8.23 p. m.	.04	.31	.46	.59	.70	.82	.88	.92	.95	1.04					
Northfield, Vt.:																				
July 6	5.08 p. m.	5.45 p. m.	.43	5.10 p. m.	5.26 p. m.	.02	.18	.35	.40	.41										
Sept. 15–16	1.30 p. m.	D. N. a. m.	1.34	6.28 p. m.	6.49 p. m.	.29	.11	.24	.44	.53	.56									
Boston, Mass.:																				
July 18	3.15 p. m.	7.00 p. m.	1.70	4.18 p. m.	5.22 p. m.	.08	.11	.21	.37	.48	.59	.77	.95	1.11	1.30	1.36	1.52	1.59		
Nantucket, Mass.:																				
May 30	6.45 a. m.	12.40 p. m.	.98	10.02 a. m.	10.25 a. m.	.09	.16	.40	.49	.59	.64									
July 16	2.40 a. m.	5.20 a. m.	.85	4.29 a. m.	4.55 a. m.	.21	.06	.16	.28	.41	.59	.62								
July 21	1.10 p. m.	11.50 p. m.	2.56	10.17 p. m.	10.36 p. m.	1.91	.09	.24	.50	.59										
Block Island, R. I.:																				
Mar. 15	9.22 a. m.	11.35 p. m.	3.03	3.10 p. m.	4.06 p. m.	1.50	.11	.18	.29	.42	.55	.63	.67	.72	.79	.84	.92			
May 24	7.09 p. m.	11.55 p. m.	1.01	9.13 p. m.	9.50 p. m.	.07	.18	.28	.45	.57	.70	.80	.87	.90						
July 14	4.12 p. m.	6.55 p. m.	3.00	4.50 p. m.	6.09 p. m.	.14	.15	.53	.69	.89	1.03	1.21	1.48	1.67	1.80	1.85	2.11	2.82		
July 21	12.30 p. m.	7.32 p. m.	2.31	5.00 p. m. 6.50 p. m.	5.35 p. m. 7.12 p. m.	.36 1.48	.20 .17	.25 .41	.43 .54	.52 .76	.58 .82	.61	.74							
Providence, R. I.:																				
July 18	4.53 p. m.	5.48 p. m.	.59	5.20 p. m.	5.33 p. m.	.06	.18	.46	.52											
Sept. 11	3.08 p. m.	7.30 p. m.	.87	3.21 p. m.	3.37 p. m.	.03	.21	.41	.58	.60										
Hartford, Conn.:																				
July 14	7.35 a. m.	8.50 a. m.	.44	7.43 a. m.	7.57 a. m.	.02	.11	.33	.39											
New Haven, Conn.:																				
Aug. 11	D.N. a.m.	6.00 a. m.	1.06	4.17 a. m. 5.08 a. m	4.33 a. m. 5.22 a. m.	.01 .44	.16 .22	.34 .44	.40 .56	.41										
MIDDLE ATLANTIC STATES.																				
Albany, N. Y.:																				
May 29	3.03 p. m.	9.05 p. m.	1.25	3.06 p. m.	3.30 p. m.	.02	.36	.80	.88	.92	1.03									
July 9	5.02 p. m.	5.50 p. m.	.73	5.17 p. m.	5.32 p. m.	.01	.22	.45	.56											
July 11	8.30 p. m.	8.50 p. m.	.54	8.34 p. m.	8.44 p. m.	.01	.31	.50												
Aug. 26	12.29 p. m.	1.05 p. m.	.83	12.29 p. m.	12.54 p. m.	.00	.12	.39	.52	.61	.82									

Station and date.	Total duration. From—	Total duration. To—	Total amount of precipitation (inches).	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive rate began (inches).	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—contd.																				
Binghamton, N.Y.:																				
May 29	5.10 p. m.	6.30 p. m.	1.03	5.17 p. m.	5.55 p. m.	0.01	0.05	0.10	0.18	0.45	0.81	0.90	0.96	1.01						
Aug. 18	2.15 p. m.	2.45 p. m.	.63	2.22 p. m.	2.38 p. m.	.03	.12	.30	.55	.60										
Aug. 10	9.30 a. m.	4.30 p. m.	1.91	11.38 a. m.	12.35 p. m.	.35	.36	.47	.60	.67	.76	.94	1.01	1.07	1.09	1.16	1.25			
Aug. 21	8.30 a. m.	10.15 a. m.	1.23	8.56 a. m.	9.25 a. m.	.02	.08	.51	.74	.91	1.05	1.18								
Sept. 1	7.40 a. m.	11.00 a. m.	1.12	8.03 a. m.	8.18 a. m.	.03	.17	.51	.74											
Oct. 23	7.58 a. m.	9.18 a. m.	.50	8.42 a. m.	9.03 a. m.	.03	.07	.17	.30	.43	.46									
New York, N. Y.:																				
July 21	7.10 a. m.	3.50 p. m.	1.90	2.10 p. m.	3.00 p. m.	.12	.05	.13	.20	.31	.65	1.02	1.28	1.48	1.67	1.72				
Aug. 19	7.22 p. m.	10.25 p. m.	.91	9.00 p. m.	9.15 p. m.	.15	.06	.42	.67											
Oct. 23	2.30 a. m.	4.15 p. m.	3.08	10.58 a. m.	12.18 p. m.	.50	.14	.22	.30	.43	.60	.71	.97	1.06	1.21	1.36	1.55	2.08		
Oct. 24	4.22 a. m.	6.30 a. m.	.72	4.26 a. m.	4.51 a. m.	.02	.12	.20	.40	.55	.63									
Harrisburg, Pa.:																				
Sept. 7	1.10 p. m.	3.05 p. m.	.92	1.22 p. m.	1.53 p. m.	.01	.14	.17	.28	.42	.59	.63	.67							
Philadelphia, Pa.:																				
Feb. 26	3.10 p. m.	11.10 p. m.	1.69	9.05 p. m.	9.30 p. m.	.65	.05	.12	.32	.75	.97									
Mar. 11-13	11.10 p. m.	1.30 a. m.	2.65	9.36 p. m.	10.23 p. m.	1.61	.05	.19	.28	.32	.37	.45	.57	.70	.77	.82				
Mar. 15	D. N. a. m.	7.00 p. m.	2.79	1.52 p. m.	2.20 p. m.	1.18	.09	.28	.38	.42	.49	.57								
				3.20 p. m.	4.00 p. m.	1.95	.06	.23	.33	.38	.48	.56	.64	.72						
May 29	6.02 p. m.	8.50 p. m.	1.56	6.19 p. m.	7.17 p. m.	.03	.10	.19	.27	.37	.49	.58	.67	.81	.91	.98	1.12			
July 10-11	8.59 p. m.	D. N. a. m.	.76	8.59 p. m.	9.42 p. m.	.00	.17	.32	.39	.45	.52	.59	.64	.69	.73					
Nov. 7	9.40 a. m.	5.16 p. m.	1.60	3.59 p. m.	4.27 p. m.	.96	.09	.17	.28	.46	.56	.62								
Scranton, Pa.:																				
July 13	4.08 p. m.	4.55 p. m.	.77	4.19 p. m.	4.39 p. m.	.01	.21	.42	.61	.70										
Aug. 14	12.40 p. m.	3.00 p. m.	1.76	1.20 p. m.	2.47 p. m.	.14	.20	.39	.40	.40	.40	.40	.43	.64	.64	.71	1.09	1.50	1.62	
Sept. 5	3.18 p. m.	5.45 p. m.	1.32	3.23 p. m.	3.50 p. m.	.01	.28	.53	.61	.72	.86	.93								
Sept. 15	6.10 p. m.	10.00 p. m.	1.25	8.57 p. m.	9.23 p. m.	.67	.06	.23	.31	.38	.49	.52								
Atlantic City, N. J.:																				
June 6	2.48 p. m.	6.20 p. m.	1.26	4.00 p. m.	4.47 p. m.	.04	.08	.12	.17	.22	.44	.69	.88	.93	.98	1.01				
June 27	D. N. a. m.	6.43 a. m.	1.74	3.38 a. m.	4.28 a. m.	.01	.16	.42	.54	.59	.75	.96	1.11	1.21	1.30	1.36				
July 11	7.42 p. m.	8.25 p. m.	.83	8.05 p. m.	8.23 p. m.	.12	.40	.62	.67	.71										
July 11-12	9.10 p. m.	D. N. a. m.	1.72	9.38 p. m.	10.20 p. m.	.03	.08	.27	.64	.70	.76	.79	.89	1.07	1.12					
Aug. 17-18	11.20 p. m.	6.45 a. m.	1.95	3.32 a. m.	3.48 a. m.	.87	.12	.32	.54	.56										
Aug. 19	3.20 p. m.	4.04 p. m.	.64	3.29 p. m.	3.46 p. m.	.01	.16	.24	.55	.62										
Baltimore, Md.:																				
June 6	1.15 p. m.	3.20 p. m.	.67	1.23 p. m.	1.46 p. m.	.01	.11	.22	.35	.53	.59									
June 16	6.52 p. m.	8.15 p. m.	.63	6.56 p. m.	7.16 p. m.	.01	.07	.19	.44	.59										
July 10-11	10.18 p. m.	D. N. a. m.	.57	10.26 p. m.	10.44 p. m.	.02	.14	.27	.41	.47										
July 18	11.42 a. m.	12.10 p. m.	.57	11.42 a. m.	12.01 p. m.	.00	.15	.41	.52	.57										
July 21	4.40 p. m.	6.25 p. m.	.75	4.48 p. m.	5.11 p. m.	.01	.36	.42	.51	.59	.64									
July 29	6.55 p. m.	7.33 p. m.	.93	7.07 p. m.	7.32 p. m.	.01	.13	.28	.57	.82	.92									
Aug. 10	9.42 p. m.	10.20 p. m.	.86	9.48 p. m.	10.05 p. m.	.01	.19	.54	.78	.84										
Sept. 7	5.35 p. m.	7.00 p. m.	.72	6.14 p. m.	6.32 p. m.	.25	.15	.33	.42	.46										
Sept. 24-25	D. N. a. m.	9.15 a. m.	6.18	11.46 a. m.	1.13 p. m.	2.19	.06	.12	.23	.36	.45	.54	.58	.65	.72	.81	1.00	1.29	1.44	
Washington, D. C.:																				
Apr. 2	6.24 p. m.	7.15 p. m.	.52	6.40 p. m.	6.59 p. m.	.01	.17	.24	.40	.50										
May 6-7	6.30 p. m.	2.50 a. m.	1.41	10.07 p. m.	10.21 p. m.	.62	.25	.42	.50											
June 17	2.25 p. m.	3.12 p. m.	.70	2.35 p. m.	2.46 p. m.	.04	.46	.64	.66											
July 14	5.40 p. m.	10.20 p. m.	2.93	6.01 p. m.	6.50 p. m.	.02	.05	.25	.59	.93	1.38	1.78	2.14	2.38	2.50	2.54				
July 18	11.50 a. m.	7.15 p. m.	1.71	1.17 p. m.	1.35 p. m.	.04	.32	.49	.67	.76										
				2.21 p. m.	2.49 p. m.	.94	.11	.27	.48	.53	.58	.63								
Sept. 7	7.28 p. m.	10.05 p. m.	1.75	7.33 p. m.	8.15 p. m.	.01	.08	.24	.58	1.05	1.27	1.39	1.49	1.57	1.63					
Cape Henry, Va.:																				
May 29	4.10 p. m.	5.10 p. m.	.60	4.11 p. m.	4.30 p. m.	.01	.16	.41	.45	.49										
July 31	1.10 p. m.	2.30 p. m.	.79	2.05 p. m.	2.25 p. m.	.09	.10	.32	.50	.63	.69									
Aug. 21	6.10 p. m.	7.00 p. m.	1.00	6.30 p. m.	6.53 p. m.	.01	.06	.17	.38	.80	.96									
Sept. 18	5.45 p. m.	8.40 p. m.	1.14	6.03 p. m.	7.01 p. m.	.01	.21	.33	.42	.45	.53	.60	.64	.67	.72	.78	.88			
Sept. 19	12.45 p. m.	1.05 p. m.	.48	12.48 p. m.	1.01 p. m.	.01	.14	.37	.47											
Lynchburg, Va.:																				
May 11-12	8.30 p. m.	5.30 a. m.	2.02	1.33 a. m.	1.52 a. m.	1.11	.15	.33	.46	.55										
June 6	3.45 p. m.	4.45 p. m.	.63	3.59 p. m.	4.17 p. m.	.02	.12	.36	.45	.56										
July 4	10.20 p. m.	11.40 p. m.	.78	10.38 p. m.	10.53 p. m.	.01	.40	.64	.71											
July 9	2.50 p. m.	3.40 p. m.	.54	3.00 p. m.	3.24 p. m.	.01	.10	.22	.33	.45	.52									
July 18-19	5.15 p. m.	D. N. a. m.	.82	5.31 p. m.	5.41 p. m.	.01	.34	.48												
July 24	8.10 p. m.	11.30 p. m.	.71	8.15 p. m.	8.47 p. m.	.01	.08	.16	.28	.45	.53	.60	.63							
Sept. 18	6.40 a. m.	8.10 a. m.	.68	6.54 a. m.	7.11 a. m.	.01	.26	.41	.51	.57										
Sept. 18	3.15 p. m.	4.30 p. m.	.69	3.27 p. m.	3.48 p. m.	.01	.28	.28	.36	.59	.63									
Mount Weather, Va.:																				
May 28	1.10 p. m.	1.38 p. m.	.62	1.22 p. m.	1.56 p. m.	.02	.17	.38	.60											
June 6	11.21 a. m.	12.35 p. m.	.63	12.01 p. m.	12.15 p. m.	.06	.12	.39	.51											
June 16	5.13 p. m.	7.10 p. m.	.76	5.52 p. m.	6.05 p. m.	.04	.35	.37	.65											
July 11	8.18 p. m.	8.36 p. m.	.72	8.20 p. m.	8.36 p. m.	T.	.23	.54	.72											
July 15	2.35 p. m.	4.10 p. m.	1.02	2.39 p. m.	3.09 p. m.	.02	.13	.52	.65	.72	.83	.96								
July 31	6.35 p. m.	7.15 p. m.	.74	6.52 p. m.	7.10 p. m.	.01	.16	.54	.68	.72										
Sept. 2	4.33 p. m.	5.25 p. m.	.88	4.43 p. m.	4.59 p. m.	.06	.26	.57	.78	.81										
Sept. 23-25	D. N. a. m.	10.10 a. m.	7.10	11.10 a. m.	12.21 p. m.	4.38	.06	.12	.18	.33	.43	.53	.70	.85	.95	.99	1.12	1.26		
Norfolk, Va.:																				
Mar. 29	7.20 p. m.	11.20 a. m.	.98	8.12 a. m.	8.31 a. m.	.08	.16	.32	.39	.51										
June 17	5.20 p. m.	6.45 p. m.	1.16	5.28 p. m.	6.22 p. m.	.01	.14	.31	.33	.33	.34	.37	.37	.67	.84	1.09	1.14			
June 18	7.05 p. m.	8.50 p. m.	.80	7.08 p. m.	7.22 p. m.	.01	.31	.56	.69											
Sept. 18	5.35 p. m.	8.15 p. m.	1.33	5.46 p. m.	6.39 p. m.	.01	.15	.28	.41	.52	.56	.61	.68	.77	.96	1.14	1.20			
Dec. 4-5	9.05 p. m.	D. N. a. m.	2.49	12.40 a. m.	1.30 a. m.	.12	.05	.12	.14	.24	.34	.45	.52	.56	.60	.64				
				1.30 a. m.	2.20 a. m.		.68	.73	.79	.85	.93	.97	1.06	1.12	1.19	1.23				
				2.20 a. m.	2.49 a. m.		1.42	1.52	1.62	1.74	1.88	1.94								
Richmond, Va.:																				
Mar. 15	2.30 a. m.	4.45 p. m.	3.11	9.46 a. m.	10.31 a. m.	1.53	.15	.26	.35	.38	.43	.47	.59	.70	.82					
Apr. 18	3.42 p. m.	4.10 p. m.	.54	3.42 p. m.	3.58 p. m.	.00	.13	.33	.52	.54										
June 6	4.18 p. m.	8.15 p. m.	.73	5.30 p. m.	5.42 p. m.	.02	.16	.44	.50											
June 16	7.25 p. m.	10.05 p. m.	.74	7.47 p. m.	8.13 p. m.	.03	.09	.39	.55	.59	.64	.67								

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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—contd.																				
Wytheville, Va.:																				
May 12	11.25 a. m.	12.15 p. m.	0.69	11.31 a. m.	11.43 a. m.	0.03	0.24	0.57	0.60											
June 24-25	7.30 p. m.	D. N. a. m.	2.07	7.36 p. m.	8.26 p. m.	.02	.05	.10	.19	0.32	0.39	0.55	0.81	1.02	1.25	1.44				
June 27	5.05 p. m.	6.45 p. m.	1.03	5.15 p. m.	6.08 p. m.	.04	.16	.20	.21	.25	.30	.37	.48	.58	.71	.76	0.87			
July 29	6.20 p. m.	8.45 p. m.	.69	6.30 p. m.	6.47 p. m.	.01	.05	.15	.45	.60										
Sept. 18	3.40 a. m.	5.35 a. m.	.74	4.22 a. m.	4.42 a. m.	.05	.13	.31	.42	.56										
Sept. 18	11.32 a. m.	2.55 p. m.	1.59	11.50 a. m.	12.14 p. m.	.11	.30	.42	.66	.75										
Asheville, N. C.:																				
July 9	1.15 p. m.	3.40 p. m.	1.39	1.21 p. m.	2.03 p. m.	.04	.11	.39	.67	.78	.93	1.03	1.09	1.13	1.17					
Sept. 26	12.50 p. m.	3.10 p. m.	.88	2.06 p. m.	2.25 p. m.	.16	.17	.50	.59	.68										
Charlotte, N. C.:																				
Mar. 14-15	9.32 p. m.	1.57 p. m.	4.40	4.57 a. m.	5.57 a. m.	1.81	.14	.18	.30	.41	.43	.44	.48	.56	.64	.68	.81			
Apr. 22	5.55 a. m.	11.46 a. m.	1.96	7.51 a. m.	8.34 a. m.	.30	.12	.20	.28	.36	.43	.54	.69	.83	.87					
June 4	6.52 p. m.	7.24 p. m.	.62	6.57 p. m.	7.11 p. m.	.02	.23	.50	.57											
June 14	D. N. a. m.	1.13 p. m.	3.16	7.07 a. m.	8.47 a. m.	1.49	.08	.16	.28	.35	.46	.53	.61	.70	.79	85.	1.00	1.21	1.46	
Hatteras, N. C.:																				
Feb. 21	12.55 p. m.	7.10 p. m.	2.17	4.33 p. m.	5.31 p. m.	.27	.15	.22	.27	.29	.37	.51	.81	1.15	1.35	1.51	1.74			
May 13	2.30 a. m.	4.10 a. m.	.74	2.51 a. m.	3.10 a. m.	.01	.19	.36	.44	.50										
June 14	3.27 p. m.	9.15 p. m.	3.25	4.57 p. m.	6.41 p. m.	.17	.07	.12	.18	.28	.37	.51	.61	.66	.80	.96	1.20	1.96	2.92	3.04
Aug. 14	5.03 a. m.	5.35 a. m.	1.04	5.05 a. m.	5.23 a. m.	.01	.16	.46	.90	.98										
Sept. 23-24	11.48 p. m.	9.10 a. m.	1.82	2.08 a. m.	2.42 a. m.	.27	.05	.19	.24	.36	.54	.70	.75							
Oct. 4-5	11.23 a. m.	10.47 a. m.	2.67	1.32 a. m.	1.53 a. m.	1.11	.13	.34	.46	.64	.67									
Raleigh, N. C.:																				
Mar. 29	D. N. a. m.	8.55 a. m.	1.45	5.59 a. m.	6.48 a. m.	.50	.08	.24	.50	.61	.68	.72	.74	.81	.88	.92				
Apr. 22	9.00 a. m.	2.50 p. m.	1.92	9.30 a. m.	10.00 a. m.	.04	.14	.24	.25	.29	.52	.63								
				11.50 a. m.	12.48 p. m.	.....	.85	.05	.13	.16	.21	.25	.38	.42	.45	.52	.68	.99		
May 6	1.35 p. m.	3.50 p. m.	.93	2.38 p. m.	2.53 p. m.	.16	.23	.42	.54											
May 29	12.55 p. m.	2.10 p. m.	.61	1.00 p. m.	1.18 p. m.	.01	.33	.39	.47	.56										
June 14	8.43 a. m.	8.30 p. m.	1.88	12.18 p. m.	1.08 p. m.	.70	.07	.12	.22	.28	.33	.41	.51	.64	.70	.81				
July 19	6.30 p. m.	8.10 p. m.	.67	6.46 p. m.	7.13 p. m.	.01	.05	.14	.32	.45	.57	.63								
Aug. 26	1.38 p. m.	3.25 p. m.	1.16	1.56 p. m.	2.12 p. m.	.02	.38	.82	1.07	1.10										
Oct. 22	5.00 p. m.	D. N. p. m.	1.22	8.53 p. m.	9.26 p. m.	.22	.06	.28	.36	.43	.69	.89	.96							
Wilmington, N. C.:																				
June 24-25	12.55 p. m.	9.15 a. m.	1.28	12.29 a. m.	12.52 a. m.	.28	.15	.25	.30	.44	.52									
July 19	5.08 p. m.	8.20 p. m.	1.13	5.16 p. m.	6.08 p. m.	.04	.07	.13	.18	.32	.47	.48	.52	.64	.78	.94	1.00			
July 20	9.50 a. m.	11.15 a. m.	.56	9.54 a. m.	10.07 a. m.	.02	.22	.43	.49											
Aug. 21	1.55 a. m.	D. N. a. m.	.79	1.57 a. m.	2.32 a. m.	.01	.10	.30	.36	.42	.45	.63	.73							
Sept. 19	2.55 p. m.	5.10 p. m.	.59	2.58 p. m.	3.14 p. m.	.01	.27	.41	.47	.49										
Sept. 23	2.35 p. m.	4.35 p. m.	.62	3.48 p. m.	4.11 p. m.	.06	.14	.26	.41	.49	.56									
Charleston, S. C.:																				
June 6-7	8.40 p. m.	4.15 p. m.	5.79	2.34 a. m.	3.05 a. m.	.75	.07	.15	.34	.45	.55	.62	.65							
				3.49 a. m.	4.35 a. m.	1.58	.14	.38	.60	.67	.68	.70	.72	.83	1.00	1.02				
				10.34 a. m.	10.58 a. m.	3.30	.17	.34	.48	.61	.72									
				12.03 p. m.	1.04 p. m.	4.13	.11	.15	.16	.21	.31	.37	.43	.54	.64	.73	.84	.97		
July 7	8.30 a. m.	11.35 a. m.	1.27	8.30 a. m.	8.45 a. m.	.00	.29	.65	.76											
Aug. 16	11.35 a. m.	2.30 p. m.	.77	11.55 a. m.	12.22 p. m.	.02	.13	.44	.53	.61	.67	.70								
Sept. 4	11.59 a. m.	1.35 p. m.	.70	1.02 p. m.	1.20 p. m.	.05	.14	.29	.51	.64										
Sept. 5	4.30 p. m.	9.05 p. m.	1.55	4.35 p. m.	5.09 p. m.	.03	.11	.36	.38	.39	.48	.71	.79							
Sept. 10	9.40 a. m.	5.45 p. m.	3.99	9.54 a. m.	10.58 a. m.	.01	.19	.43	.44	.45	.49	.50	.56	.82	1.24	1.60	2.30	2.43		
				11.50 a. m.	12.25 p. m.	2.55	.16	.32	.39	.60	.71	.77	.82							
Sept. 11	3.20 p. m.	9.30 p. m.	1.31	4.32 p. m.	5.14 p. m.	.12	.07	.13	.18	.32	.50	.62	.72	.87	.95					
Sept. 19	3.48 p. m.	5.30 p. m.	.79	4.32 p. m.	4.52 p. m.	.06	.17	.40	.57	.72										
Columbia, S. C.:																				
May 4-5	2.37 p. m.	D. N. a. m.	1.02	3.40 p. m.	4.05 p. m.	.08	.11	.23	.36	.47	.53									
June 2	5.05 p. m.	9.45 p. m.	.86	5.25 p. m.	5.46 p. m.	.01	.20	.45	.54	.60										
June 4	4.55 p. m.	6.40 p. m.	2.12	5.07 p. m.	5.52 p. m.	.02	.07	.18	.43	.87	1.15	1.37	1.68	1.88	1.92					
July 1	7.49 p. m.	9.00 p. m.	.76	7.54 p. m.	8.14 p. m.	.01	.30	.52	.61	.68										
July 10	1.05 p. m.	3.45 p. m.	.81	1.28 p. m.	1.48 p. m.	.01	.27	.39	.60	.74										
July 16	11.54 a. m.	3.40 p. m.	.70	11.55 a. m.	12.08 p. m.	.01	.17	.41	.51											
Aug. 18	6.28 p. m.	7.04 p. m.	.76	6.42 p. m.	7.03 p. m.	.08	.07	.23	.41	.63	.68									
Aug. 19	7.29 p. m.	8.55 p. m.	1.34	7.36 p. m.	8.36 p. m.	.01	.08	.23	.49	.71	.82	.91	.99	1.04	1.08	1.13	1.28			
Sept. 23-24	5.05 p. m.	6.35 a. m.	3.26	10.03 p. m.	11.55 p. m.	.62	.08	.16	.32	.52	.74	.80	1.02	1.03	1.04	1.04	1.24	1.56	2.13	2.34
Augusta, Ga.:																				
Feb. 26	2.00 p. m.	3.30 p. m.	.70	2.46 p. m.	2.58 p. m.	.11	.15	.46	.54											
Mar. 23-24	5.00 p. m.	8.45 a. m.	1.22	7.31 a. m.	8.02 a. m.	.15	.17	.25	.44	.55	.69	.98	1.01							
May 7	7.00 p. m.	8.30 p. m.	1.18	7.32 p. m.	7.47 p. m.	.03	.11	.74	1.04											
June 1	8.40 p. m.	9.30 p. m.	1.81	8.47 p. m.	9.22 p. m.	.01	.20	.57	.91	1.15	1.27	1.62	1.76							
June 2	3.10 p. m.	4.00 p. m.	.53	3.27 p. m.	3.43 p. m.	.01	.16	.35	.51	.52										
June 5	1.55 p. m.	7.00 p. m.	1.15	2.15 p. m.	2.38 p. m.	.04	.29	.55	.73	.83	.86									
June 27	3.15 p. m.	3.55 p. m.	1.09	3.16 p. m.	3.43 p. m.	.01	.12	.27	.57	.90	.96	1.06								
July 1	5.10 p. m.	6.30 p. m.	.68	5.23 p. m.	5.47 p. m.	.09	.07	.11	.25	.43	.54									
July 7	2.10 p. m.	2.50 p. m.	.60	2.12 p. m.	2.25 p. m.	.01	.18	.42	.54											
July 16	7.00 a. m.	8.25 a. m.	.89	8.02 a. m.	8.18 a. m.	.35	.06	.24	.48	.53										
July 16	5.25 p. m.	6.35 p. m.	1.07	5.28 p. m.	6.09 p. m.	.01	.23	.61	.62	.62	.62	.70	.80	1.04	1.05					
Aug. 8	12.58 p. m.	4.30 p. m.	2.24	1.13 p. m.	1.47 p. m.	.04	.06	.19	.37	.63	.88	1.09	1.05							
				2.41 p. m.	2.55 p. m.	1.35	.35	.59	.66											
Aug. 9	1.26 p. m.	2.40 p. m.	1.13	1.29 p. m.	2.19 p. m.	.01	.28	.64	.64	.64	.64	.64	.65	.78	.92	1.06				
Aug. 9	3.20 p. m.	4.30 p. m.	.80	3.23 p. m.	3.42 p. m.	.01	.24	.47	.68	.74										
Aug. 25	2.40 p. m.	7.30 p. m.	.57	3.13 p. m.	3.41 p. m.	.01	.13	.23	.32	.36	.44	.50								
Oct. 19	3.40 p. m.	5.40 p. m.	1.03	3.43 p. m.	4.02 p. m.	.01	.14	.47	.80	.91										
Nov. 6-7	2.20 p. m.	7.00 a. m.	2.84	12.13 a. m.	12.51 a. m.	1.31	.06	.14	.19	.24	.36	.51	.59	.64						
Savannah, Ga.:																				
Feb. 14	7.02 a. m.	9.56 p. m.	2.63	7.34 p. m.	9.16 p. m.	.94	.16	.27	.32	.41	.46	.50	.57	.69	.78	.84	1.01	1.31	1.61	1.67
Feb. 21	D. N. a. m.	7.10 a. m.	.90	5.10 a. m.	5.50 a. m.	.24	.07	.15	.23	.28	.37	.48	.55	.60						
Apr. 2	4.02 p. m.	5.17 p. m.	.69	4.45 p. m.	4.59 p. m.	.12	.31	.41	.56											
Apr. 22	1.21 p. m.	3.52 p. m.	1.38	1.23 p. m.	2.12 p. m.	.01	.23	.39	.50	.62	.72	.84	.90	1.08	1.19	1.23				
May 7	2.51 p. m.	4.10 p. m.	.76	2.51 p. m.	3.08 p. m.	.00	.18	.50	.67	.70										
May 12	9.56 p. m.	11.12 p. m.	1.71	10.19 p. m.	11.00 p. m.	.10	.35	.78	1.04	1.25	1.33	1.33	1.34	1.58	1.61					
May 29	4.44 p. m.	10.10 p. m.	1.52	5.00 p. m.	5.30 p. m.	.04	.35	.55	.65	.84	1.06	1.14								
May 31	11.12 a. m.	12.04 p. m.	.69	11.24 a. m.	11.40 a. m.	.05	.20	.46	.58	.61										
June 6	6.22 p. m.	11.50 p. m.	1.00	10.02 p. m.	10.28 p. m.	.19	.24	.43	.56	.62	.75	.79								
June 7	1.18 p. m.	10.10 p. m.	2.01	2.18 p. m.	3.12 p. m.	.16	.22	.55	.71	.80	.84	.89	.91	.95	.99	1.08	1.16			

Station and date.	Total duration. From—	Total duration. To—	Total amount of precipitation (inches).	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive rate began (inches).	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—contd.																				
Savannah, Ga.—Con.																				
July 12-13	10.45 p. m.	D. N. a. m.	0.80	11.15 p. m.	11.38 p. m.	0.05	0.17	0.39	0.50	0.66	0.71									
July 24	1.57 p. m.	3.10 p. m.	1.48	1.59 p. m.	2.24 p. m.	.01	.30	.60	.96	1.19	1.45									
Aug. 4	3.17 p. m.	7.12 p. m.	2.64	3.21 p. m.	4.44 p. m.	.01	.16	.44	.62	.68	.76	0.84	0.94	1.16	1.34	1.50	1.89	2.35	2.45	
Aug. 10	D. N. a. m.	D. N. a. m.	.59	1.22 a. m.	1.36 a. m.	.01	.25	.45	.53											
Aug. 23	2.20 p. m.	5.25 p. m.	.81	2.20 p. m.	2.34 p. m.	.00	.16	.44	.53											
Aug. 27	3.29 p. m.	6.05 p. m.	.98	4.10 p. m.	4.49 p. m.	.08	.05	.17	.46	.60	.71	.76	.81	.86						
Sept. 6-7	10.22 p. m.	D. N. a. m.	1.01	10.22 p. m.	11.02 p. m.	.00	.11	.15	.16	.25	.34	.60	.80	.93						
Sept. 22	1.08 p. m.	2.10 p. m.	1.12	1.24 p. m.	1.56 p. m.	.06	.11	.23	.55	.70	.85	.95	1.02							
Oct. 13	11.02 a. m.	12.25 p. m.	.69	11.07 a. m.	11.47 a. m.	.01	.13	.20	.20	.34	.44	.46	.58	.67						
Dec. 31	D. N. a. m.	[1]D. N. a. m.	1.48	5.18 p. m.	5.40 p. m.	.81	.10	.29	.36	.48	.53									
Jacksonville, Fla.:																				
Apr. 30	D. N. a. m.	11.04 a. m.	2.39	6.29 a. m. 9.55 a. m.	7.00 a. m. 10.08 a. m.	.05 1.41	.09 .27	.18 .49	.24 .66	.35	.47	.60	.63							
May 27	5.55 p. m.	8.20 p. m.	.94	6.02 p. m.	6.41 p. m.	.01	.19	.30	.39	.47	.50	.53	.64	.74						
May 31	3.10 p. m.	4.35 p. m.	.81	3.34 p. m.	4.00 p. m.	.02	.16	.24	.35	.53	.68	.75								
June 1	3.17 p. m.	6.30 p. m.	.95	3.25 p. m.	3.45 p. m.	.01	.24	.53	.63	.72										
July 15-16	12.25 p. m.	D. N. a. m.	3.14	2.29 p. m. 8.09 p. m.	2.55 p. m. 8.38 p. m.	.45 1.86	.19 .13	.28 .30	.50 .50	.71 .66	.82 .70	.84 .76								
July 17	8.16 a. m.	12.45 p. m.	.68	9.48 a. m.	9.58 a. m.	.03	.27	.56												
Aug. 1	9.50 a. m.	10.45 a. m.	.68	9.59 a. m.	10.14 a. m.	.01	.11	.33	.60											
Aug. 6	11.43 a. m.	3.15 p. m.	.94	11.43 a. m.	Noon.	.00	.34	.53	.63	.65										
Aug. 24	12.07 p. m.	12.48 p. m.	1.15	12.17 p. m.	12.34 p. m.	.01	.36	.81	1.08	1.13										
Sept. 5	D. N. a. m.	5.30 a. m.	.78	2.31 a. m.	2.50 a. m.	.01	.29	.46	.57	.62										
Sept. 5	6.25 p. m.	D. N. p. m.	1.37	6.46 p. m.	7.15 p. m.	.10	.14	.34	.56	.85	1.06	1.13								
Sept. 6	4.25 p. m.	D. N. p. m.	2.36	4.43 p. m.	5.33 p. m.	.04	.42	.91	1.24	1.37	1.38	1.39	1.46	1.61	1.94	2.05				
FLORIDA PENINSULA.																				
Miami, Fla.:																				
Feb 14	10.05 a. m.	1.55 p. m.	.78	1.21 p. m.	1.43 p. m.	.21	.11	.21	.40	.50	.54									
Mar. 16	D. N. a. m.	5.55 a. m.	1.25	3.49 a. m.	4.10 a. m.	.08	.17	.45	.59	.71	.74									
Mar. 18	10.55 a. m.	12.40 p. m.	.81	11.00 a. m.	11.34 a. m.	.01	.12	.23	.33	.44	.58	.67	.72							
Mar. 24	9.45 p. m.	10.35 p. m.	.56	10.10 p. m.	10.23 p. m.	.01	.21	.50	.55											
Apr. 3	2.58 p. m.	3.50 p. m.	.67	3.18 p. m.	3.39 p. m.	.04	.16	.29	.48	.60	.62									
Apr. 12	11.30 a. m.	12.10 p. m.	1.18	11.32 a. m.	11.54 a. m.	.01	.23	.59	.94	1.13	1.16									
Apr. 24-25	D. N. p. m.	D. N. a. m.	.73	11.58 p. m.	12.16 a. m.	.01	.14	.38	.62	.71										
Apr. 25	7.20 a. m.	10.05 a. m.	1.18	8.02 a. m.	8.30 a. m.	.13	.15	.37	.54	.72	.83	.90								
May 20-21	5.35 p. m.	D. N. a. m.	4.04	7.18 p. m.	8.45 p. m.	.11	.10	.39	.50	.55	.62	.91	1.22	1.51	1.57	1.66	2.18	3.20	3.38	
May 21	7.18 p. m.	9.10 p. m.	1.29	7.22 p. m.	8.54 p. m.	.01	.08	.11	.14	.25	.30	.34	.39	.44	.48	.52	.60	.85	1.27	
June 5	5.40 p. m.	6.50 p. m.	1.12	5.42 p. m.	6.03 p. m.	.01	.48	.75	.91	1.03	1.06									
June 5-6	D. N. p. m.	D. N. a. m.	.57	11.41 p. m.	11.53 p. m.	.02	.16	.43	.54											
June 11	D. N. a. m.	D. N. a. m.	1.20	1.04 a. m.	1.31 a. m.	.01	.14	.30	.46	.54	.60	.65								
June 23	11.00 a. m.	12.30 p. m.	.95	11.26 a. m.	11.47 a. m.	.01	.20	.48	.73	.88										
June 23	3.30 p. m.	5.10 p. m.	1.00	3.46 p. m.	4.15 p. m.	.02	.06	.21	.42	.61	.85	.96								
June 26	9.34 p. m.	D. N. p. m.	.89	10.03 p. m.	10.40 p. m.	.09	.05	.15	.21	.25	.36	.48	.64	.70						
July 6	8.00 p. m.	11.45 p. m.	.75	8.00 p. m.	8.36 p. m.	.00	.08	.24	.38	.41	.50	.56	.62	.65						
July 15	7.57 a. m.	12.40 p. m.	.70	8.22 a. m.	8.48 a. m.	.04	.18	.32	.47	.48	.55	.59								
July 29	11.10 a. m.	3.20 p. m.	1.80	11.17 a. m.	12.58 p. m.	.04	.18	.37	.48	.51	.58	.59	.59	.59	.68	.90	1.15	1.26	1.67	1.73
Aug. 13	8.05 p. m.	8.55 p. m.	.58	8.19 p. m.	8.34 p. m.	.01	.06	.15	.53											
Nov. 7	10.07 a. m.	12.15 p. m.	.84	10.19 a. m.	10.58 a. m.	.05	.16	.35	.47	.50	.57	.62	.67	.76						
Nov. 13-14	5.55 p. m.	D. N. a. m.	1.77	8.25 p. m.	8.59 p. m.	.59	.12	.22	.29	.38	.45	.55	.65							
Nov. 21	D. N. a. m.	6.15 p. m.	7.66	12.17 p. m. 1.07 p. m. 1.57 p. m. 2.47 p. m. 3.37 p. m.	1.07 p. m. 1.57 p. m. 2.47 p. m. 3.37 p. m. 3.57 p. m.	2.46	.19 1.50 2.65 3.60 4.41	.43 1.55 2.81 3.70 4.59	.60 1.63 2.94 3.75 4.63	.74 1.75 2.99 3.89 4.71	.88 1.87 3.04 3.99	.96 1.98 3.12 4.08	1.08 2.05 3.21 4.12	1.17 2.19 3.33 4.17	1.24 2.39 3.41 4.22	1.40 2.49 3.49 4.30				
Dec. 17	7.55 p. m.	10.10 p. m.	.62	9.12 p. m.	9.39 p. m.	.03	.28	.32	.32	.32	.44	.53								
Key West, Fla.:																				
Feb. 14	8.04 a. m.	11.40 a. m.	1.08	9.43 a. m.	10.04 a. m.	.27	.26	.44	.58	.70	.74									
Mar. 16	D. N. a. m.	D. N. a. m.	.94	2.19 a. m.	2.56 a. m.	.03	.08	.21	.36	.49	.57	.61	.73	.79						
May 16	7.20 p. m.	8.20 p. m.	.75	7.45 p. m.	8.20 p. m.	.13	.23	.35	.41	[2].46	[2].52	[2].57	[2].62							
June 5-6	9.20 p. m.	D. N. a. m.	1.10	9.25 p. m.	9.39 p. m.	.01	.24	.57	.65											
June 10-11	7.25 p. m.	D. N. a. m.	3.69	9.07 p. m.	10.55 p. m.	.18	.10	.20	.24	.26	.32	.40	.63	.85	1.00	1.02	1.10	1.30	2.04	2.27
June 25-26	7.45 p. m.	D. N. a. m.	1.12	7.55 p. m.	8.38 p. m.	.02	.09	.32	.47	.63	.66	.69	.76	.87	.91					
July 5	D. N. a. m.	D. N. a. m.	.98	12.23 a. m.	12.40 a. m.	.01	.09	.52	.79	.83										
Sept. 20-21	11.45 p. m.	D. N. a. m.	1.99	11.48 p. m.	12.48 a. m.	.01	.22	.40	.55	.61	.75	.97	1.06	1.14	1.17	1.19	1.34			
Sept. 21	9.50 a. m.	10.15 a. m.	.79	9.58 a. m.	10.08 a. m.	.01	.42	.97												
Oct. 28-29	D. N. p. m.	8.00 a. m.	1.24	7.04 a. m.	7.37 a. m.	.59	.21	.32	.37	.44	.52	.60	.64							
Oct. 30-31	D. N. p. m.	7.45 a. m.	2.22	12.48 a. m.	1.17 a. m.	.11	.07	.34	.84	1.24	1.39	1.48								
Dec. 15	12.25 p. m.	2.20 p. m.	1.06	1.33 p. m.	1.57 p. m.	.02	.19	.55	.77	.91	1.02									
Tampa, Fla.:																				
Jan. 9	D. N. a. m.	5.30 a. m.	1.70	2.23 a. m.	2.47 a. m.	.55	.12	.39	.66	.81	.88									
Mar. 17	5.05 p. m.	7.30 p. m.	1.68	5.53 p. m.	6.30 p. m.	.20	.27	.47	.69	.79	.93	1.15	1.27	1.32						
Mar. 24	1.15 p. m.	6.00 p. m.	.92	2.26 p. m.	3.00 p. m.	.01	.13	.24	.29	.35	.40	.48	.56							
Apr. 18	8.50 a. m.	10.45 a. m.	.74	9.03 a. m.	9.17 a. m.	.01	.22	.50	.60											
June 7	10.25 a. m.	4.30 p. m.	1.90	2.15 p. m.	2.40 p. m.	1.02	.07	.16	.40	.63	.74									
June 23	4.57 p. m.	6.05 p. m.	2.47	5.05 p. m.	5.49 p. m.	.06	.17	.47	.95	1.37	1.73	2.08	2.36	2.40						
July 5	1.15 p. m.	5.35 p. m.	1.40	1.15 p. m.	1.44 p. m.	.00	.25	.60	.85	1.02	1.19	1.28								
July 7	4.00 p. m.	7.30 p. m.	1.04	4.31 p. m.	5.04 p. m.	.05	.05	.20	.34	.46	.55	.61	.66							
July 17	12.46 p. m.	4.20 p. m.	1.21	1.02 p. m.	1.25 p. m.	.04	.13	.31	.56	.82	.89									
July 22	2.35 p. m.	3.20 p. m.	.66	2.41 p. m.	3.06 p. m.	.01	.14	.30	.48	.57	.62									
Aug. 13	2.03 p. m.	2.45 p. m.	.58	2.03 p. m.	2.34 p. m.	.00	.11	.32	.35	.36	.41	.56	.58							
Aug. 14	1.18 p. m.	2.25 p. m.	1.25	1.23 p. m.	1.51 p. m.	.01	.12	.41	.78	.84	1.04	1.19								
Sept. 5	11.49 a. m.	2.15 p. m.	1.04	12.23 p. m.	1.06 p. m.	.08	.14	.22	.45	.55	.58	.61	.74	.87	.92					
Sept. 7-8	9.00 p. m.	7.05 a. m.	4.03	10.33 p. m. 11.34 p. m. 1.28 a. m.	10.59 p. m. 11.59 p. m. 1.59 a. m.	.35 1.00 1.72	.12 .06 .20	.24 .27 .53	.40 .47 .70	.58 .57 .87	.63 .63 .99	.64 1.09	1.14							
Sept. 10	D. N. a. m.	4.50 p. m.	4.54	3.54 a. m.	5.39 a. m.	.89	.13	.33	.55	.79	.82	.95	1.06	1.15	1.18	1.20	1.45	1.88	2.60	2.82
Sept. 20	3.48 p. m.	7.30 p. m.	2.12	3.50 p. m.	4.50 p. m.	.01	.38	.70	.94	1.17	1.28	1.38	1.53	1.59	1.65	1.68	1.81			
Nov. 7	D. N. a. m.	5.00 a. m.	.72	4.04 a. m.	4.29 a. m.	.08	.26	.43	.53	.57	.63									

[1] Jan. 1.

[2] Record partly estimated.

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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.
EAST GULF STATES.																				
Atlanta, Ga.:																				
Feb. 21	D. N. a. m.	7.20 a. m.	1.32	5.15 a. m.	5.23 a. m.	0.47	0.15	0.40	0.48	0.53										
Mar. 14-15	1.40 p. m.	6.15 a. m.	5.50	11.21 p. m.	12.58 a. m.	1.96	.13	.25	.40	.63	0.86	1.05	1.54	.166	.178	1.88	2.26	2.78	3.37	
Apr. 15	3.35 p. m.	7.20 p. m.	1.45	4.23 p. m.	4.54 p. m.	.04	.10	.28	.41	.57	.79	.95								
Apr. 16-17	4.25 p. m.	D. N. a. m.	1.29	5.30 p. m.	5.53 p. m.	.13	.16	.40	.55	.78	.85									
Apr. 22	D. N. a. m.	8.53 a. m.	1.51	6.41 a. m.	7.13 a. m.	.07	.31	.58	.80	.87	.93	1.02	1.07							
May 29	6.55 a. m.	9.43 a. m.	1.02	9.02 a. m.	9.28 a. m.	.40	.11	.27	.47	.50	.59	.62								
June 2	4.40 p. m.	5.50 p. m.	1.40	4.41 p. m.	5.32 p. m.	.01	.10	.16	.23	.41	.62	.85	1.12	1.20	1.30	1.38	1.39			
June 13-14	3.45 p. m.	D. N. a. m.	2.90	9.46 p. m.	10.21 p. m.	1.78	.07	.19	.31	.37	.70	.88	.94							
June 24	12.50 p. m.	10.10 p. m.	3.93	1.18 p. m.	1.30 p. m.	.02	.21	.43	.51											
				2.52 p. m.	4.10 p. m.	.57	.10	.26	.39	.70	1.04	1.26	1.34	1.42	1.45	1.46	1.50	2.29		
July 5	1.02 p. m.	4.45 p. m.	.65	1.02 p. m.	1.21 p. m.	.00	.10	.23	.43	.53										
Aug. 7	9.50 a. m.	11.25 a. m.	.66	10.39 a. m.	11.05 a. m.	.04	.05	.23	.33	.46	.57	.61								
Aug. 9	5.08 p. m.	7.15 p. m.	.88	5.50 p. m.	6.00 p. m.	.04	.22	.53												
Sept. 15	12.17 p. m.	12.50 p. m.	.81	12.17 p. m.	12.48 p. m.	.00	.20	.42	.56	.67	.75	.80	.81							
Sept. 27	6.42 p. m.	8.15 p. m.	1.03	6.42 p. m.	7.11 p. m.	.00	.16	.25	.37	.54	.79	.93								
Oct. 3-4	6.57 p. m.	7.25 a. m.	2.76	12.29 a. m.	1.06 a. m.	.96	.06	.19	.45	.72	.91	.99	1.15	1.23						
Macon, Ga.:																				
Mar. 24	D. N. a. m.	D. N. a. m.	1.45	4.52 a. m.	5.25 a. m.	.31	.16	.51	.60	.73	.89	1.01	1.08							
April 15-16	8.47 p. m.	D. N. a. m.	1.20	10.47 p. m.	11.07 p. m.	.48	.15	.36	.51	.62										
Apr. 16-17	4.54 p. m.	D. N. a. m.	1.26	11.25 p. m.	12.02 a. m.	.41	.06	.11	.16	.22	.36	.52	.65	.70	.75	.79				
Apr. 22	8.17 a. m.	10.45 a. m.	1.17	8.49 a. m.	9.24 a. m.	.01	.05	.17	.42	.49	.62	.77	.90							
Apr. 27	11.14 a. m.	1.30 p. m.	1.42	11.19 a. m.	11.48 a. m.	.01	.32	.58	.82	1.03	1.22	1.28								
June 3-4	D. N. p. m.	D. N. a. m.	1.71	10.46 p. m.	11.39 p. m.	.01	.13	.27	.35	.41	.49	.62	.75	.85	1.03	1.13	1.21			
June 24	6.20 p. m.	7.45 p. m.	.61	6.25 p. m.	6.40 p. m.	.01	.17	.36	.50											
June 24	8.10 p. m.	D. N. p. m.	1.38	9.01 p. m.	9.36 p. m.	.22	.15	.33	.49	.60	.64	.69	.76							
July 10	2.54 p. m.	4.35 p. m.	.93	3.09 p. m.	3.26 p. m.	.01	.37	.58	.74	.79										
July 13	12 noon.	1.20 p. m.	1.34	12.07 p. m.	12.37 p. m.	.01	.21	.41	.66	.91	1.09	1.22								
Nov. 6-7	1.05 p. m.	D. N. a. m.	3.22	9.35 p. m.	10.53 p. m.	.96	.05	.16	.25	.31	.36	.40	.48	.59	.70	.82	1.05	1.44		
Thomasville, Ga.:																				
Jan. 8	11.18 a. m.	5.40 p. m.	2.58	2.57 p. m.	3.42 p. m.	.30	.11	.18	.21	.25	.31	.48	.66	.86	1.25					
				4.42 p. m.	5.17 p. m.	1.94	.11	.20	.32	.44	.48	.54	.60							
Feb. 20-21	7.25 p. m.	8.10 a. m.	3.02	6.50 a. m.	7.15 a. m.	2.12	.36	.56	.63	.68	.78									
Feb. 24	7.55 a. m.	12.25 p. m.	1.50	9.12 a. m.	10.25 a. m.	.25	.14	.17	.19	.22	.26	.32	.42	.49	.57	.68	.84	1.07		
Mar. 15	4.20 a. m.	7.52 a. m.	1.17	7.11 a. m.	7.36 a. m.	.24	.07	.21	.39	.67	.90									
Mar. 24	5.25 a. m.	8.32 a. m.	1.02	6.14 a. m.	6.54 a. m.	.10	.12	.21	.25	.27	.38	.50	.74	.82						
Apr. 2	12.25 p. m.	5.35 p. m.	.90	12.41 p. m.	1.19 p. m.	.01	.14	.37	.43	.45	.47	.54	.67	.71						
Apr. 17	11.06 a. m.	1.32 p. m.	1.16	12.06 p. m.	12.44 p. m.	.01	.10	.28	.52	.72	.85	.94	1.00	1.05						
Apr. 20-21	10.55 a. m.	4.40 a. m.	2.83	12.15 p. m.	12.50 p. m.	.06	.10	.14	.21	.34	.61	.67	.73							
Apr. 21	6.34 a. m.	10.42 a. m.	1.83	7.42 a. m.	8.34 a. m.	.15	.13	.31	.40	.51	.76	.92	1.03	1.09	1.18	1.27	1.33			
May 3	4.16 p. m.	5.08 p. m.	.65	4.20 p. m.	4.33 p. m.	.01	.36	.57	.63											
May 7	9.46 a. m.	11.09 a. m.	.73	9.52 a. m.	10.05 a. m.	.01	.36	.48	.54											
June 1	8.56 p. m.	Midnight.	.70	9.04 p. m.	9.27 p. m.	.01	.09	.21	.43	.60	.65									
July 9	3.42 p. m.	9.20 p. m.	1.57	3.52 p. m.	4.25 p. m.	.01	.22	.49	.66	.83	1.01	1.18	1.24							
July 10	12.58 p. m.	2.20 p. m.	.55	12.58 p. m.	1.17 p. m.	.00	.17	.37	.45	.52										
Aug. 2	1.12 p. m.	2.40 p. m.	.89	1.12 p. m.	1.37 p. m.	.00	.30	.38	.40	.67	.84									
Aug. 21	6.55 p. m.	9.35 p. m.	.72	6.58 p. m.	7.21 p. m.	.01	.13	.27	.43	.56	.61									
Sept. 22-23	8.35 a. m.	12.07 p. m.	4.72	6.18 p. m.	6.56 p. m.	1.13	.13	.16	.21	.43	.61	.72	.88	.94						
				10.41 a. m.	11.18 a. m.	3.75	.14	.23	.31	.47	.65	.72	.80	.84						
Pensacola, Fla.:																				
Feb. 24	D. N. a. m.	7.20 a. m.	1.94	1.57 a. m.	2.08 a. m.	.01	.42	.94	.96											
Mar. 14	8.25 a. m.	12.20 p. m.	1.05	10.47 a. m.	11.16 a. m.	.35	.08	.16	.37	.44	.49	.61								
Mar. 14-15	11.45 p. m.	4.45 a. m.	4.12	12.03 a. m.	1.52 a. m.	.05	.07	.15	.48	.87	1.27	1.40	1.54	1.68	1.79	1.96	2.38	3.44	3.67	3.96
Mar. 22	7.30 a. m.	8.15 a. m.	.82	7.36 a. m.	7.58 a. m.	.03	.15	.44	.65	.73	.78									
Apr. 19-20	9.45 p. m.	1.30 a. m.	.80	11.02 p. m.	11.12 p. m.	.01	.26	.72												
Apr. 20-21	5.40 p. m.	7.35 a. m.	4.45	7.39 p. m.	8.07 p. m.	.84	.12	.53	1.13	1.58	1.88	2.01								
				6.53 a. m.	7.07 a. m.	3.83	.09	.33	.58											
May 7	4.20 a. m.	6.45 a. m.	.95	4.32 a. m.	5.19 a. m.	.04	.08	.13	.25	.29	.37	.57	.67	.74	.81	.85				
June 6	1.40 a. m.	8.50 p. m.	3.23	6.36 a. m.	7.07 a. m.	.37	.08	.20	.40	.53	.61	.68	.71							
July 7	5.40 a. m.	8.40 a. m.	1.19	6.51 a. m.	7.32 a. m.	.13	.17	.29	.38	.51	.59	.77	.85	.93	.97					
July 18	3.05 a. m.	1.20 p. m.	1.58	5.53 a. m.	6.12 a. m.	.66	.18	.24	.41	.57										
Aug. 2	8.50 a. m.	12.05 p. m.	.62	8.54 a. m.	9.05 a. m.	.01	.32	.55	.57											
Aug. 3	6.05 a. m.	8.30 a. m.	.71	6.25 a. m.	6.44 a. m.	.02	.09	.27	.49	.54										
Aug. 20	4.00 p. m.	4.50 p. m.	.56	4.04 p. m.	4.20 p. m.	.01	.12	.17	.47	.55										
Aug. 25	10.40 a. m.	11.55 a. m.	1.37	10.44 a. m.	11.14 a. m.	.02	.05	.32	.72	1.06	1.22	1.33								
Sept. 21	12 noon.	6.25 p. m.	2.02	1.18 p. m.	1.56 p. m.	.36	[1] .12	[1] .26	[1] .36	[1] .51	[1] .63	[1] .71	[1] .76	[1] .81						
Oct. 13-14	8.05 p. m.	6.45 a. m.	6.20	8.28 p. m.	9.18 p. m.	.01	.08	.11	.14	.25	.37	.44	.54	.59	.68	.77				
				9.18 p. m.	10.08 p. m.	.....	.92	1.16	1.18	1.21	1.23	1.28	1.40	1.49	1.50	1.53				
				10.08 p. m.	10.49 p. m.	.....	1.59	1.71	1.81	1.89	1.99	2.09	2.17	2.26	2.27					
				1.54 a. m.	2.59 a. m.	3.34	.07	.12	.21	.29	.39	.60	.81	1.00	1.39	1.75	2.35	2.58		
Oct. 18	1.15 a. m.	8.45 a. m.	1.82	5.18 a. m.	6.03 a. m.	.12	.09	.15	.18	.28	.48	.71	.76	1.07	1.17					
Nov. 6	4.45 a. m.	3.15 p. m.	3.30	8.29 a. m.	9.19 a. m.	.04	.14	.21	.25	.37	.50	.56	.62	.66	.75	.87				
				9.19 a. m.	10.09 a. m.	.....	.96	1.03	1.11	1.14	1.19	1.24	1.41	1.57	1.66	1.71				
				10.09 a. m.	10.50 a. m.	.....	1.73	1.76	1.81	1.87	1.94	2.04	2.13	2.18	2.21					
Dec. 26-27	9.40 p. m.	3.50 a. m.	1.23	11.52 p. m.	12.36 a. m.	.19	.09	.23	.33	.39	.48	.55	.60	.67	.72					
Anniston, Ala.:																				
Apr. 22	D. N. a. m.	7.45 a. m.	1.26	5.27 a. m.	5.46 a. m.	.05	.15	.37	.75	.89										
May 5	1.25 p. m.	3.30 p. m.	.98	1.31 p.m.	1.54 p. m.	.01	.15	.26	.49	.69	.74									
May 11	6.10 p. m.	D. N. p. m.	.93	8.24 p. m.	8.47 p. m.	.08	.10	.26	.49	.77	.83									
June 24	8.45 p. m.	D. N. p. m.	.70	9.23 p. m.	9.48 p. m.	.06	.07	.22	.38	.48	.54									
July 1	11.10 a. m.	4.00 p. m.	.97	11.11 a. m.	11.33 a. m.	.01	.31	.51	.62	.81	.86									
July 11	5.17 p. m.	6.10 p. m.	.64	5.30 p. m.	5.48 p. m.	.05	.17	.27	.50	.57										
July 31	1.10 p. m.	2.25 p. m.	.77	1.28 p. m.	1.41 p. m.	.08	.25	.50	.60											
Sept. 22-23	12 noon.	9.00 a. m.	2.03	2.27 p. m.	3.40 p. m.	.26	.12	.24	.37	.50	.62	.77	.85	.91	.96	1.00	1.18	1.40		
Birmingham, Ala.:																				
Apr. 16	11.35 a. m.	5.30 p. m.	2.04	2.36 p. m.	3.49 p. m.	.55	.07	.15	.23	.30	.40	.52	.62	.68	.72	.74	.80	1.42		
Apr. 22	4.10 a. m.	6.30 a. m.	.94	4.22 a. m.	4.36 a. m.	.02	.16	.54	.68											
Apr. 27	7.08 a. m.	3.50 p. m.	1.72	7.20 a. m.	8.15 a. m.	.01	.09	.33	.38	.40	.41	.42	.51	.67	.69	.71	.85			
June 28-29	6.54 p. m.	D. N. a. m.	1.14	7.52 p. m.	8.12 p. m.	.10	.17	.38	.46	.57										
July 9	6.04 p. m.	9.45 p. m.	1.33	6.15 p. m.	7.05 p. m.	.01	.25	.37	.43	.48	.50	.53	.62	.81	.95	1.10				
July 31	12.41 p. m.	2.30 p. m.	.81	1.50 p. m.	2.07 p. m.	.03	.19	.51	.71	.75										
Aug. 8	3.15 a. m.	9.37 a. m.	2.82	7.01 a. m.	8.18 a. m.	.96	.06	.11	.25	.43	.60	.86	1.03	1.16	1.30	1.39	1.43	1.86		

[1] Record partly estimated.

Station and date.	Total duration. From—	Total duration. To—	Total amount of precipitation (inches).	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive rate began (inches).	Accumulated amounts of precipitation (in inches) during periods of time indicated. 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.
EAST GULF STATES—continued.																				
Mobile, Ala.:																				
Feb. 21	D. N. a. m.	D. N. a. m.	0.78	1.30 a. m.	1.56 a. m.	0.12	0.16	0.23	0.37	0.49	0.56	0.60								
Mar. 5	6.53 a. m.	11.10 a. m.	1.16	9.46 a. m.	10.26 a. m.	.35	.08	.14	.19	.21	.24	.31	0.49	0.76						
Mar. 11	3.35 p. m.	9.35 p. m.	1.96	7.56 p. m.	8.37 p. m.	1.16	.15	.28	.37	.41	.47	.57	.63	.72						
Apr. 15-16	2.33 p. m.	D. N. a. m.	3.27	9.02 p. m.	9.52 p. m.	.49	.18	.34	.45	.50	.54	.61	.77	.97	1.13	1.18				
				9.52 p. m.	10.42 p. m.		1.23	1.38	1.46	1.49	1.59	1.66	1.69	1.73	1.77	1.81				
				10.42 p. m.	11.06 p. m.		1.91	2.01	2.09	2.22	2.28									
Apr. 17	D. N. a. m.	9.50 a. m.	2.12	6.01 a. m.	7.14 a. m.	.33	.12	.17	.28	.54	.64	.70	.88	1.16	1.19	1.27	1.44	1.77		
Apr. 20	5.50 p. m.	D. N. p. m.	2.50	6.03 p. m.	6.17 p. m.	.03	.10	.36	.62											
				9.15 p. m.	9.32 p. m.	1.48	.13	.43	.88	.94										
Apr. 21	D. N. a. m.	D. N. a. m.	2.14	2.37 a. m.	3.17 a. m.	.16	.28	.76	1.07	1.09	1.12	1.19	1.25	1.36						
May 3	8.20 a. m.	5.34 p. m.	2.42	10.10 a. m.	11.04 a. m.	.19	.09	.35	.57	.71	.78	.84	.92	.97	1.05	1.15	1.23			
May 4	10.18 a. m.	3.25 p. m.	1.46	10.48 a. m.	11.43 a. m.	.01	.10	.20	.20	.22	.35	.55	.74	.81	.94	1.16	1.24			
May 6-7	9.30 p. m.	D. N. a. m.	1.75	11.52 p. m.	12.08 a. m.	.55	.10	.28	.61	.67										
June 2	6.05 p. m.	9.50 p. m.	1.25	7.29 p. m.	7.49 p. m.	.41	.28	.56	.68	.74										
July 6	11.40 a. m.	3.20 p. m.	.95	11.58 a. m.	12.32 p. m.	.02	.14	.31	.52	.61	.68	.82	.90							
July 13	11.42 a. m.	2.30 p. m.	1.22	11.47 a. m.	12.42 p. m.	.02	.16	.38	.49	.60	.62	.66	.73	.82	.94	1.12	1.20			
July 14	5.28 p. m.	8.50 p. m.	1.35	5.38 p. m.	6.26 p. m.	.01	.23	.54	.80	.89	.91	.95	1.03	1.11	1.19	1.23				
Aug. 21	3.07 p. m.	4.20 p. m.	1.80	3.07 p. m.	3.41 p. m.	.00	.21	.56	.86	1.16	1.55	1.71	1.77							
Aug. 22	2.24 p. m.	6.25 p. m.	1.33	2.24 p. m.	2.45 p. m.	.00	.18	.63	.83	.95	1.00									
Aug. 23	12.18 p. m.	2.05 p. m.	1.62	12.21 p. m.	12.48 p. m.	.01	.16	.48	.77	1.11	1.38	1.44								
Aug. 26	2.18 p. m.	3.50 p. m.	1.55	2.30 p. m.	2.50 p. m.	.06	.23	.58	.93	1.28										
Sept. 14	1.20 p. m.	3.30 p. m.	.90	2.37 p. m.	2.56 p. m.	.25	.12	.22	.39	.65										
Sept. 18	3.16 p. m.	4.50 p. m.	.80	3.24 p. m.	3.41 p. m.	.02	.15	.45	.67	.72										
Oct. 10	11.20 a. m.	12.25 p. m.	.73	11.38 a. m.	11.51 a. m.	.01	.16	.52	.69											
Oct. 13-14	12.10 p. m.	1.50 p. m.	4.65	8.25 p. m.	9.08 p. m.	1.55	.09	.16	.26	.38	.44	.47	.54	.61	.66					
Oct. 18	D. N. a. m.	8.30 a. m.	2.89	4.03 a. m.	5.32 a. m.	.62	.07	.18	.28	.40	.54	.71	.82	.95	1.14	1.30	1.58	2.06	2.22	
November 6	D. N. a. m.	3.10 p. m.	3.07	6.43 a. m.	7.43 p. m.	.73	.26	.41	.63	.89	1.00	1.02	1.04	1.07	1.15	1.28	1.43			
Montgomery, Ala.:																				
Jan. 28-29	11.00 a. m.	4.00 a. m.	4.12	7.25 p. m.	7.58 p. m.	1.66	.27	.40	.44	.49	.57	.63	.71							
Mar. 14-15	10.18 a. m.	3.30 a. m.	5.06	3.06 p. m.	4.16 p. m.	.91	.09	.20	.27	.37	.53	.58	.65	.77	.83	.86	1.00	1.20		
				9.51 p. m.	10.45 p. m.	2.81	.06	.25	.74	.89	1.02	1.27	1.42	1.56	1.77	1.90	1.96			
Apr. 12	3.58 p. m.	4.45 p. m.	.71	4.20 p. m.	4.41 p. m.	.01	.07	.29	.43	.69	.70									
Apr. 14	4.05 p. m.	6.35 p. m.	2.36	4.17 p. m.	5.25 p. m.	.06	.06	.14	.19	.26	.33	.44	.75	1.05	1.35	1.59	1.94	2.27		
Apr. 14	7.15 p. m.	9.05 p. m.	1.50	7.22 p. m.	7.58 p. m.	.03	.09	.32	.70	.96	1.15	1.29	1.40	1.44						
Apr. 16-17	4.15 p. m.	4.45 a. m.	3.93	6.33 p. m.	6.53 p. m.	.37	.20	.47	.95	1.32										
Apr. 20	1.15 a. m.	8.40 a. m.	3.25	5.06 a. m.	5.50 a. m.	.56	.09	.24	.49	.66	.74	.80	.86	.92	1.02					
				6.27 a. m.	8.19 a. m.	1.71	.07	.08	.13	.18	.30	.34	.44	.59	.67	.70	.77	1.05	1.30	1.54
Apr. 22	7.04 a. m.	7.55 a. m.	1.00	7.28 a. m.	7.48 a. m.	.02	.15	.43	.75	.97										
Apr. 29	7.35 a. m.	10.15 a. m.	.80	9.41 a. m.	10.03 a. m.	.09	.12	.22	.38	.63	.71									
June 5	2.56 p. m.	4.20 p. m.	1.02	3.37 p. m.	3.58 p. m.	.07	.30	.64	.80	.89	.95									
June 13	12 noon.	4.30 p. m.	1.40	2.49 p. m.	3.12 p. m.	.25	.14	.33	.61	.88	.98									
June 28	1.30 p. m.	2.25 p. m.	.76	1.42 p. m.	2.04 p. m.	.01	.14	.33	.56	.70	.74									
July 8	3.20 p. m.	4.30 p. m.	.59	3.49 p. m.	4.05 p. m.	.02	.22	.41	.48	.51										
July 8	6.25 p. m.	7.15 p. m.	.76	6.33 p. m.	6.56 p. m.	.02	.11	.28	.50	.67	.74									
July 9	4.38 p. m.	6.35 p. m.	.72	4.49 p. m.	5.20 p. m.	.02	.09	.32	.48	.55	.61	.67	.69							
July 17	3.10 p. m.	5.00 p. m.	1.20	3.40 p. m.	3.57 p. m.	.25	.21	.64	.87	.91										
Aug. 8	2.17 p. m.	4.40 p. m.	1.86	2.19 p. m.	3.20 p. m.	.01	.29	.38	.64	.91	.98	1.06	1.11	1.18	1.25	1.37	1.79	1.84		
Aug. 8	7.09 p. m.	9.55 p. m.	.71	7.09 p. m.	7.33 p. m.	.00	.10	.17	.34	.46	.56									
Sept. 5	5.19 p. m.	5.40 p. m.	.69	5.19 p. m.	5.33 p. m.	.00	.08	.37	.68											
Sept. 18	12.02 p. m.	12.37 p. m.	.90	12.18 p. m.	12.37 p. m.	.02	.44	.60	.82	.88										
Sept. 22	7.05 a. m.	8.25 p. m.	1.63	2.34 p. m.	3.11 p. m.	.28	.10	.42	.71	.84	.87	.93	1.00	1.05						
Dec. 4	2.00 a. m.	3.15 p. m.	1.73	9.59 a. m.	10.30 a. m.	.86	.05	.21	.46	.54	.61	.67	.71							
Meridian, Miss.:																				
Jan. 28	9.25 a. m.	11.45 p. m.	2.66	11.24 a. m.	11.59 a. m.	.07	.20	.22	.27	.37	.43	.55	.72							
Feb. 20-21	6.33 p. m.	2.00 a. m.	1.26	11.26 p. m.	11.56 p. m.	.23	.13	.31	.54	.66	.77	.86								
Mar. 28	5.10 a. m.	6.28 p. m.	3.32	10.21 a. m.	10.52 a. m.	.95	.05	.12	.24	.58	.76	.90	.92							
Apr. 20	2.30 a. m.	8.05 a. m.	1.43	4.35 a. m.	5.28 a. m.	.57	.07	.14	.17	.23	.29	.45	.57	.64	.72	.77	.80			
Apr. 29	3.30 a. m.	4.45 a. m.	.99	5.35 a. m.	4.26 a. m.	.01	.06	.10	.11	.22	.26	.32	.41	.59	.82	.93	.97			
May 5	3.45 p. m.	10.15 p. m.	.95	3.48 p. m.	4.06 p. m.	.01	.09	.30	.56	.59										
June 2	4.40 p. m.	11.45 p. m.	1.19	5.36 p. m.	6.00 p. m.	.08	.15	.29	.51	.65	.72									
June 26	12.20 p. m.	1.18 p. m.	.71	12.28 p. m.	12.59 p. m.	.02	.06	.33	.44	.48	.50	.59	.63							
July 6	8.20 p. m.	D. N. p. m.	.87	8.28 p. m.	9.06 p. m.	.01	.24	.50	.55	.58	.60	.68	.77	.82						
July 17	2.30 p. m.	4.10 p. m.	.94	2.34 p. m.	3.04 p. m.	.01	.12	.20	.33	.60	.73	.78								
July 18	12.05 p. m.	3.02 p. m.	1.59	12.14 p. m.	12.56 p. m.	.01	.11	.63	.92	1.06	1.10	1.15	1.23	1.39	1.42					
Aug. 7	2.35 p. m.	5.35 p. m.	1.41	3.39 p. m.	4.06 p. m.	.51	.23	.51	.58	.68	.76	.79								
Aug. 10	3.42 p. m.	7.15 p. m.	.76	3.46 p. m.	4.11 p. m.	.01	.06	.32	.39	.55	.62									
Oct. 18	7.55 a. m.	4.30 p. m.	1.46	2.04 p. m.	2.38 p. m.	.11	.08	.14	.33	.61	.79	.94	1.09							
Vicksburg, Miss.:																				
Mar. 22	11.05 a. m.	5.00 p. m.	1.12	4.23 p. m.	4.54 p. m.	.58	.05	.10	.21	.32	.41	.51	.54							
Mar. 28	D. N. a. m.	12.15 p. m.	1.15	11.02 a. m.	11.17 a. m.	.46	.30	.53	.60											
Apr. 12	6.02 a. m.	10.35 a. m.	2.23	6.59 a. m.	7.49 a. m.	.07	.08	.23	.31	.36	.40	.51	.59	.70	.75	.83				
				7.49 a. m.	8.39 a. m.		.92	1.05	1.07	1.11	1.17	1.27	1.31	1.35	1.37	1.38				
				8.39 a. m.	9.19 a. m.		1.40	1.48	1.71	1.71	1.72	1.73	1.78	2.00						
Apr. 28	2.20 p. m.	4.40 p. m.	1.65	2.35 p. m.	4.08 p. m.	.02	.09	.24	.42	.42	.42	.43	.44	.47	.68	.87	.87	1.14	1.59	
May 2	3.00 p. m.	7.10 p. m.	.97	3.08 p. m.	3.31 p. m.	.01	.29	.51	.64	.71	.75									
July 15	8.30 p. m.	D. N. p. m.	1.12	8.47 p. m.	9.14 p. m.	.02	.23	.40	.62	.72	.80	.83								
Aug. 18	2.45 p. m.	7.25 p. m.	.90	3.56 p. m.	4.25 p. m.	.01	.18	.28	.42	.51	.64	.71								
Aug. 26	2.40 p. m.	7.00 p. m.	.82	3.35 p. m.	4.08 p. m.	.07	.08	.16	.32	.39	.46	.51	.56							
Oct. 31	6.32 p. m.	8.30 p. m.	.81	6.34 p. m.	7.07 p. m.	.01	.07	.14	.19	.32	.53	.70	.76							
New Orleans, La.:																				
Jan. 7-8	4.40 p. m.	4.55 p. m.	3.09	10.37 a. m.	11.03 a. m.	1.68	.19	.33	.54	.60	.69	.77								
Mar. 11	5.10 a. m.	9.10 p. m.	2.52	6.52 p. m.	7.22 p. m.	1.67	.05	.13	.29	.46	.73	.80								
Mar. 22	3.28 p. m.	8.45 p. m.	4.10	5.05 p. m.	5.32 p. m.	.07	.10	.28	.55	.91	1.35	1.40								
				6.02 p. m.	6.52 p. m.	1.57	.09	.14	.24	.32	.48	.69	.83	.90	1.00	1.06				
				6.52 p. m.	7.42 p. m.		1.11	1.13	1.28	1.41	1.52	1.71	1.82	1.99	2.02	2.03				
				7.42 p. m.	8.16 p. m.		2.03	2.07	2.15	2.29	2.31	2.39	2.45							
Mar. 23	2.20 p. m.	11.30 p. m.	2.17	7.12 p. m.	7.39 p. m.	.30	.11	.28	.46	.68	1.09	1.22								
Apr. 12-13	7.50 p. m.	8.45 a. m.	1.50	8.03 p. m.	8.27 p. m.	.02	.07	.12	.25	.40	.55									
Apr. 29	7.10 a. m.	9.50 a. m.	1.20	7.12 a. m.	7.40 a. m.	.01	.08	.16	.27	.54	.69	.79								

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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.
EAST GULF STATES—continued.																				
New Orleans, La.—Continued.																				
May 5	3.55 p. m.	6.10 p. m.	2.30	3.59 p. m.	4.39 p. m.	0.01	0.11	0.26	0.27	0.27	0.27	0.36	0.54	0.71						
				5.07 p. m.	5.53 p. m.	.73	.26	.53	.64	.82	.98	1.11	1.35	1.41	1.53	1.57				
May 10-11	11.00 a. m.	2.00 a. m.	6.94	6.34 p. m.	7.38 p. m.	.50	.14	.40	.75	1.04	1.21	1.33	1.62	1.79	1.81	1.94	2.09	2.20		
				8.18 p. m.	9.47 p. m.	2.75	.08	.18	.21	.50	1.04	1.53	1.86	2.17	2.38	2.45	2.71	3.14	3.41	
May 21	1.30 p. m.	3.20 p. m.	2.87	1.47 p. m.	3.03 p. m.	.03	.16	.28	.35	.41	.46	.48	.49	.73	1.15	1.58	2.25	2.82		
May 29	8.20 a. m.	12.20 p. m.	1.30	9.35 a. m.	10.20 a. m.	.06	.18	.28	.44	1.67	1.75	1.84	1.87	.90	.95					
June 1	4.58 p. m.	6.00 p. m.	.93	5.00 p. m.	5.32 p. m.	.01	.06	.10	.18	.38	.53	.73	.90							
July 12	12.02 p. m.	1.00 p. m.	.72	12.12 p. m.	12.30 p. m.	.02	.17	.45	.60	.66										
July 18	10.58 a. m.	12.05 p. m.	.88	11.12 a. m.	11.35 a. m.	.02	.19	.51	.65	.78	.82									
Sept. 20	2.25 p. m.	4.10 p. m.	1.12	2.30 p. m.	3.11 p. m.	T.	.09	.21	.42	.52	.67	.82	.95	1.08	1.11					
Sept. 29	7.05 a. m.	6.20 p. m.	1.75	1.18 p. m.	1.48 p. m.	.27	.13	.23	.38	.44	.49	.54								
Dec. 4	8.55 a. m.	10.35 a. m.	.72	9.04 a. m.	9.16 a. m.	.02	.30	.50	.66											
Dec. 5	7.27 a. m.	4.30 p. m.	2.01	7.04 a. m.	7.33 a. m.	.03	.20	.44	.53	.64	.75	.79								
WEST GULF STATES.																				
Shreveport, La.:																				
Mar. 28	6.15 a. m.	10.50 a. m.	1.46	7.06 a. m.	7.52 a. m.	.16	.11	.13	.17	.21	.31	.54	.72	.84	.97	1.02				
Apr. 16	11.15 a. m.	1.10 p. m.	1.03	11.57 a. m.	12.22 p. m.	.09	.16	.42	.57	.68	.79									
Apr. 28	2.45 p. m.	5.00 p. m.	1.94	4.10 p. m.	4.48 p. m.	.48	.10	.28	.30	.69	.91	1.20	1.40	1.44						
May 5	4.00 a. m.	9.45 a. m.	2.20	5.51 a. m.	6.12 a. m.	.07	.16	.49	.81	1.03	1.04									
				6.49 a. m.	7.15 a. m.	1.23	.11	.30	.42	.52	.58	.62								
May 9	8.50 p. m.	10.15 p. m.	.76	9.46 p. m.	10.01 p. m.	.05	.19	.52	.70											
May 10	8.05 a. m.	3.40 p. m.	2.27	12.22 p. m.	12.43 p. m.	.15	.55	.95	1.18	1.54	1.57									
June 1	1.30 p. m.	7.30 p. m.	1.59	1.39 p. m.	2.27 p. m.	.06	.05	.19	.29	.32	.33	.39	.55	.81	.94	1.00				
June 18	12.15 a. m.	8.45 a. m.	1.51	4.02 a. m.	4.32 a. m.	.15	.16	.18	.19	.24	.46	.66								
July 31	6.40 a. m.	10.00 a. m.	2.44	8.17 a. m.	9.01 a. m.	.34	.12	.38	.72	1.13	1.41	1.64	1.70	1.82	2.02					
Aug. 2	6.00 p. m.	9.30 p. m.	1.01	6.08 p. m.	6.36 p. m.	.02	.09	.40	.61	.79	.85	.92								
Aug. 3	7.15 p. m.	7.40 p. m.	.80	7.19 p. m.	7.34 p. m.	.01	.20	.56	.79											
Aug. 9	2.30 a. m.	12.20 p. m.	4.84	6.11 a. m.	6.36 a. m.	.44	.08	.23	.82	1.16	1.25									
				7.07 a. m.	8.12 a. m.	1.79	.12	.26	.37	.59	.81	1.04	1.21	1.40	1.62	1.83	2.14	2.29		
Aug. 9-10	11.50 p. m.	11.30 a. m.	2.55	12.02 a. m.	12.26 a. m.	.04	.08	.21	.24	.53	.75									
				4.32 a. m.	5.07 a. m.	.94	.23	.36	.40	.49	.62	.70	.79							
Sept. 21	1.20 a. m.	D. N. a. m.	1.06	1.42 a. m.	1.59 a. m.	.02	.26	.68	.95	1.02										
Bentonville, Ark.:																				
Apr. 28	3.20 a. m.	8.40 a. m.	2.58	3.45 a. m.	4.38 a. m.	.04	.19	.50	.62	.71	.75	.78	.88	1.03	1.13	1.29	1.40			
				6.30 a. m.	6.44 a. m.	1.59	.12	.55	.66											
June 5-6	10.05 p. m.	12.45 a. m.	1.08	10.35 p. m.	11.09 p. m.	.01	.14	.28	.51	.66	.78	.84	.91	.93						
June 14	6.30 p. m.	10.00 p. m.	1.56	8.10 p. m.	8.57 p. m.	.17	.05	.09	.22	.34	.47	.57	.68	.76	.83	.90				
June 30	3.35 p. m.	7.00 p. m.	.72	3.40 p. m.	3.55 p. m.	.01	.19	.40	.50											
Aug. 2	2.30 p. m.	3.35 p. m.	.77	2.40 p. m.	3.07 p. m.	.01	.16	.35	.41	.52	.68	.72								
Aug. 21	7.35 a. m.	9.45 a. m.	.70	8.10 a. m.	8.25 a. m.	.01	.15	.36	.54											
Fort Smith, Ark.:																				
June 5-6	11.47 p. m.	D. N. a. m.	1.10	11.47 p. m.	12.50 a. m.	.00	.05	.10	.13	.22	.37	.55	.64	.70	.74	.77	.96	1.02		
Aug. 2	3.26 p. m.	4.45 p. m.	.70	3.36 p. m.	4.00 p. m.	.01	.19	.35	.47	.62	.66									
Little Rock, Ark.:																				
Apr. 16	6.40 a. m.	9.50 a. m.	1.28	7.52 a. m.	8.20 a. m.	.23	.15	.37	.59	.82	.95	1.00								
Apr. 21	6.25 p. m.	D. N. p. m.	2.25	6.57 p. m.	8.18 p. m.	.02	.10	.19	.40	.57	.70	.89	.97	.98	.99	1.01	1.49	2.08	2.16	
June 17-18	8.50 p. m.	12.14 p. m.	2.36	9.33 p. m.	9.51 p. m.	.08	.10	.54	.81	.86										
Aug. 21	7.34 p. m.	D. N. p. m.	1.48	8.05 p. m.	8.57 p. m.	.02	.17	.26	.47	.79	.87	.87	.87	.89	1.19	1.32	1.36			
Aug. 26	1.30 p. m.	2.40 p. m.	1.30	1.42 p. m.	2.20 p. m.	.02	.22	.41	.66	.90	1.03	1.11	1.17	1.23						
Sept. 25	12.02 p. m.	5.10 p. m.	1.90	1.29 p. m.	2.00 p. m.	.75	.07	.20	.55	.65	.73	.86	.88							
Oct. 31	2.02 p. m.	5.10 p. m.	.92	2.35 p. m.	2.58 p. m.	.07	.10	.23	.41	.49	.56									
Corpus Christi, Tex.:																				
May 1	9.38 p. m.	11.56 p. m.	.68	10.50 p. m.	11.10 p. m.	.07	.29	.42	.49	.54										
May 5	12.41 p. m.	5.06 p. m.	2.45	2.27 p. m.	3.00 p. m.	.03	.10	.49	.91	1.24	1.39	1.55	1.63							
				3.45 p. m.	4.08 p. m.	1.90	.08	.17	.30	.43	.50									
May 6	5.41 a. m.	11.14 a. m.	4.09	6.03 a. m.	7.08 a. m.	.12	.09	.28	.40	.49	.55	.58	.71	.93	1.24	1.54	2.03	2.26		
				7.40 a. m.	8.36 a. m.	.....	.11	.19	.37	.40	.54	.68	.83	.98	1.25	1.34	1.45			
May 14	4.35 a. m.	10.38 a. m.	1.11	10.01 a. m.	10.16 a. m.	.14	.34	.82	.95											
June 2-3	9.01 p. m.	4.42 a. m.	2.92	9.03 p. m.	9.18 p. m.	.01	.31	.51	.56											
				12.45 a. m.	1.33 a. m.	1.02	.21	.33	.37	.64	1.05	1.36	1.53	1.59	1.74	1.82				
Nov. 21	4.22 p. m.	10.56 p. m.	1.37	7.10 p. m.	7.29 p. m.	.40	.23	.43	.57	.61										
Fort Worth, Tex.:																				
Apr. 1	2.12 a. m.	6.44 a. m.	1.08	5.36 a. m.	6.11 a. m.	.25	.13	.26	.32	.49	.60	.67	.77							
May 5	6.25 p. m.	8.25 p. m.	1.12	6.48 p. m.	7.22 p. m.	.04	.07	.13	.20	.28	.38	.92	1.04							
June 1	5.07 p. m.	7.45 p. m.	.81	6.53 p. m.	7.25 p. m.	.14	.18	.26	.29	.29	.44	.58	.62							
June 17-18	7.15 p. m.	5.20 a. m.	2.28	9.26 p. m.	9.57 p. m.	.19	.07	.21	.38	.45	.58	.65	.68							
Aug. 1	7.42 a. m.	12.50 p. m.	1.34	8.36 a. m.	9.10 a. m.	.05	.07	.20	.47	.77	1.10	1.18	1.21							
Aug. 5-6	11.54 p. m.	7.35 a. m.	2.74	12.08 a. m.	1.24 a. m.	.02	.20	.41	.49	.51	.55	.60	.65	.78	1.00	1.22	1.44	1.86		
Aug. 21-22	11.10 p. m.	5.50 a. m.	1.38	1.03 a. m.	1.32 a. m.	.06	.06	.14	.28	.44	.55	.63								
Galveston, Tex.:																				
Feb. 23	3.30 p. m.	9.30 p. m.	.95	8.06 p. m.	8.24 p. m.	.25	.10	.31	.58	.63										
Apr. 16	11.10 a. m.	2.15 p. m.	1.40	11.26 a. m.	12.05 p. m.	.06	.08	.22	.44	.63	.76	.88	1.13	1.22						
May 5	11.15 a. m.	3.30 p. m.	1.10	11.19 a. m.	11.54 a. m.	.01	.19	.41	.52	.66	.76	.84	.92							
May 5-6	5.45 p. m.	4.30 a. m.	2.56	7.22 p. m.	7.57 p. m.	.15	.18	.70	.87	1.01	1.14	1.25	1.30							
June 2	7.25 a. m.	10.15 a. m.	1.61	8.27 a. m.	8.55 a. m.	.17	.08	.22	.60	1.21	1.35	1.37								
Aug. 14	D. N. a. m.	D. N. a. m.	.57	3.24 a. m.	3.41 a. m.	.02	.23	.38	.51	.54										
Dec. 3-4	3.10 p. m.	D. N. a. m.	1.46	4.35 p. m.	4.58 p. m.	.01	.13	.26	.45	.52	.57									
Dec. 4-5	10.10 p. m.	D. N. a. m.	1.23	11.21 p. m.	11.54 p. m.	.11	.09	.15	.40	.54	.67	.72	.75							
Dec. 21-22	D. N. a. m.	6.10 a. m.	1.80	7.23 a. m.	8.06 a. m.	.07	.25	.31	.31	.32	.34	.43	.63	.80						
Dec. 22-23	8.05 a. m.	6.15 a. m.	1.83	1.45 a. m.	2.48 a. m.	.74	.16	.25	.28	.28	.29	.31	.35	.37	.39	.47	.76	.90		
Houston, Tex.:																				
Feb. 23	5.25 p. m.	8.45 p. m.	.96	7.36 p. m.	7.53 p. m.	.34	.07	.22	.45	.52										
Apr. 16	D. N. a. m.	1.15 p. m.	4.70	7.00 a. m.	7.46 a. m.	.16	.37	.57	.58	.64	.68	.69	.74	.93	1.24	1.27				
				9.34 a. m.	11.18 a. m.	1.70	.15	.37	.66	.92	1.04	1.15	1.23	1.26	1.34	1.35	1.58	2.01	2.61	2.82
May 5	9.15 a. m.	12.17 p. m.	1.98	9.42 a. m.	10.30 a. m.	.02	.29	.57	.79	1.01	1.13	1.31	1.54	1.70	1.79	1.84				
May 5	3.55 p. m.	D. N. p. m.	1.62	7.10 p. m.	7.22 p. m.	.67	.29	.49	.59											

[1] Record partly estimated.

Station and date.	Total duration. From—	Total duration. To—	Total amount of precipitation (inches).	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive rate began (inches).	Accumulated amounts of precipitation (in inches) during periods of time indicated. 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 GULF STATES—continued.																				
Houston, Tex.—Con.																				
July 5	2.23 p. m.	3.45 p. m.	0.55	3.09 p. m.	3.35 p. m.	0.05	0.14	.22	0.32	0.43	0.48	0.50								
July 16	2.34 p. m.	4.25 p. m.	2.04	2.49 p. m.	3.37 p. m.	.02	.19	.31	.63	.97	1.28	1.46	1.65	1.78	1.84	1.89				
July 18	4.30 p. m.	9.15 p. m.	1.74	4.32 p. m.	5.09 p. m.	.01	.13	.43	.86	1.21	1.35	1.42	1.49	1.53						
Sept. 1	10.50 a. m.	12.55 p. m.	.66	11.02 a. m.	11.13 a. m.	T.	.45	.60	.62											
Dec. 2	D. N. a. m.	5.40 a. m.	1.36	2.23 a. m.	2.47 a. m.	.01	.33	.60	.70	.80	.87									
Dec. 3	9.50 a. m.	6.20 p. m.	2.03	11.42 a. m.	11.55 a. m.	.26	.32	.63	.80											
Dec. 11	D. N. a. m.	9.57 a. m.	1.63	4.14 a. m.	5.08 a. m.	.01	.07	.12	.17	.24	.33	.41	.51	.59	.66	.71	.80			
Palestine, Tex.:																				
Mar 4-5	4.35 p. m.	D. N. a. m.	2.46	9.28 p. m.	10.08 p. m.	.76	.11	.26	.38	.40	.43	.49	.56	.62						
Apr. 7	12.30 a. m.	D. N. a. m.	1.05	1.03 a. m.	1.38 a. m.	.08	.21	.37	.50	.57	.61	.66	.71							
Apr. 19	4.46 p. m.	6.33 p. m.	.59	5.19 p. m.	5.33 p. m.	.01	.14	.34	.52											
Apr. 19-20	7.40 p. m.	2.12 a. m.	1.26	10.11 p. m.	10.32 p. m.	.33	.08	.24	.37	.61	.64									
May 28	7.11 p. m.	8.40 p. m.	.65	7.45 p. m.	8.14 p. m.	.06	.08	.19	.29	.38	.49	.56								
June 1	2.20 p. m.	6.30 p. m.	.80	2.29 p. m.	2.49 p. m.	.01	.17	.42	.53	.58										
June 17-18	9.12 p. m.	6.34 a. m.	2.58	10.47 p. m.	11.44 p. m.	.22	.25	.40	.62	.66	.72	.76	.76	.76	.78	.98	1.18			
Sept. 20	10.20 p. m.	11.11 p. m.	.74	10.30 p. m.	10.45 p. m.	.01	.36	.58	.68											
San Antonio, Tex.:																				
Feb. 12	1.34 p. m.	10.55 p. m.	2.48	6.35 p. m.	7.35 p. m.	.85	.10	.16	.22	.34	.42	.47	.60	.71	.77	.83	.95			
Feb. 22-23	6.25 p. m.	4.00 p. m.	2.63	1.35 p. m.	1.58 p. m.	1.54	.12	.28	.31	.46	.53									
May 4	7.15 a. m.	8.25 a. m.	.60	7.17 a. m.	7.39 a. m.	.01	.12	.15	.27	.52	.56									
June 23	6.45 p. m.	9.00 p. m.	.83	7.03 p. m.	7.35 p. m.	.01	.05	.18	.27	.46	.55	.63	.67							
July 16	5.00 p. m.	5.42 p. m.	.50	5.00 p. m.	5.14 p. m.	.00	.15	.40	.50											
July 18-19	7.56 p. m.	1.45 a. m.	.67	8.07 p. m.	8.29 p. m.	.09	.11	.32	.42	.50	.54									
Sept. 16	11.39 a. m.	12.35 p. m.	.65	11.52 a. m.	12.12 p. m.	.01	.13	.29	.48	.57										
Taylor, Tex.:																				
May 1	3.24 p. m.	5.15 p. m.	.67	3.25 p. m.	3.53 p. m.	T.	.14	.38	.50	.55	.61	.64								
June 1	12.38 p. m.	4.10 p. m.	1.69	12.52 p. m.	2.08 p. m.	.03	.09	.25	.40	.56	.72	.79	.89	.96	1.04	1.10	1.18	1.50		
Dec. 3	6.39 a. m.	D. N. p. m.	1.43	2.18 p. m.	2.37 p. m.	.77	.26	.38	.48	.54										
OHIO VALLEY AND TENNESSEE.																				
Chattanooga, Tenn.:																				
Apr. 21-22	11.16 p. m.	7.47 a. m.	1.58	4.06 a. m.	4.32 a. m.	.32	.24	.38	.43	.46	.56	.58								
Apr. 27	2.51 a. m.	10.50 a. m.	2.15	3.59 a. m.	4.58 a. m.	.07	.07	.19	.33	.51	.62	.74	.89	.97	1.05	1.10	1.23			
Apr. 29	3.35 a. m.	9.10 a. m.	1.36	4.44 a. m.	5.18 a. m.	.05	.10	.40	.53	.67	.80	1.07	1.15							
May 28-29	10.16 p. m.	5.22 a. m.	2.43	10.37 p. m.	11.15 p. m.	.03	.26	.43	.64	.81	.94	1.07	1.16	1.26						
June 6	5.15 p. m.	9.06 p. m.	1.26	5.27 p. m.	5.52 p. m.	.03	.18	.37	.51	.57	.62									
June 28	5.50 p. m.	6.38 p. m.	.72	6.09 p. m.	6.34 p. m.	.01	.19	.38	.55	.61	.70									
July 11	11.24 a. m.	1.40 p. m.	1.02	11.47 a. m.	12.12 p. m.	.02	.24	.55	.68	.79	.90									
July 31	3.50 p. m.	5.16 p. m.	.89	4.02 p. m.	4.36 p. m.	.01	.10	.32	.49	.65	.66	.71	.83							
Aug. 17	12.09 p. m.	1.35 p. m.	2.34	12.22 p. m.	1.07 p. m.	.02	.25	.48	.78	1.23	1.46	1.80	2.10	2.22	2.27					
Aug. 22	1.45 a. m.	5.20 a. m.	2.96	2.09 a. m.	2.54 a. m.	.04	.51	.71	.78	.84	1.04	1.33	1.84	2.30	2.46					
Knoxville, Tenn.:																				
Apr. 27	D. N. a. m.	8.30 a. m.	1.91	2.49 a. m.	3.25 a. m.	.14	.08	.16	.27	.36	.42	.53	.61	.66						
May 6-7	6.59 p. m.	D. N. a. m.	.93	7.36 p. m.	8.04 p. m.	.04	.05	.15	.42	.55	.63	.70								
May 24	9.15 p. m.	D. N. p. m.	.54	9.28 p. m.	9.40 p. m.	.01	.11	.42	.52											
July 11	11.50 a. m.	12.24 p. m.	.81	11.54 a. m.	12.08 p. m.	.01	.26	.48	.79											
July 11	2.03 p. m.	3.30 p. m.	.74	2.08 p. m.	2.27 p. m.	.01	.31	.50	.59	.65										
July 22	2.04 p. m.	2.30 p. m.	.59	2.09 p. m.	2.23 p. m.	.02	.20	.43	.57											
Sept. 18	8.17 p. m.	4.20 p. m.	1.78	8.28 a. m.	8.55 a. m.	.09	.18	.60	.86	1.15	1.32	1.38								
Memphis, Tenn.:																				
Feb. 19-20	8.45 p. m.	10.50 a. m.	1.64	6.32 a. m.	7.15 a. m.	.82	.10	.35	.40	.41	.42	.45	.47	.63	.76					
Apr. 26-27	8.32 p. m.	D. N. a. m.	1.84	12.87 a. m.	12.51 a. m.	.51	.07	.19	.43	.64	.80									
June 22	3.57 p. m.	5.51 p. m.	.67	4.50 p. m.	5.13 p. m.	.04	.10	.38	.46	.53	.58									
July 6	6.42 a. m.	11.50 a. m.	2.19	6.46 a. m.	7.57 a. m.	.01	.35	.68	.87	.96	1.02	1.07	1.17	1.27	1.41	1.56	1.71	1.86		
Aug. 26	11.22 a. m.	12.45 p. m.	.55	11.31 a. m.	11.56 p. m.	.02	.13	.28	.34	.42	.51									
Oct. 17-18	D. N. p. m.	1.20 p. m.	2.01	12.49 a. m.	1.14 a. m.	.15	.12	.22	.28	.32	.53									
Nashville, Tenn.:																				
Apr. 1-2	8.15 p. m.	3.30 a. m.	2.20	10.21 p. m. 1.45 a. m.	10.36 p. m. 2.17 a. m.	.11 1.22	.22 .15	.41 .29	.52 .35	.46	.63	.87	.93							
Apr. 22	12.20 a. m.	1.30 a. m.	.84	12.38 a. m.	12.58 a. m.	.03	.07	.15	.57	.77										
Apr. 26-27	9.20 p. m.	6.00 a. m.	3.36	11.50 p. m.	12.43 a. m.	.30	.27	.56	.91	1.27	1.48	1.64	1.78	1.86	1.93	2.00	2.09			
Apr. 28-29	8.25 p. m.	4.00 a. m.	1.97	11.05 p. m.	11.43 p. m.	.71	.05	.18	.24	.35	.44	.58	.64	.70						
May 11	4.00 a. m.	7.50 a. m.	1.42	5.39 a. m.	6.23 a. m.	.23	.07	.15	.30	.51	.72	.86	.94	.98	1.09					
May 28	3.20 p. m.	7.50 p. m.	1.22	4.45 p. m.	5.20 p. m.	.02	.17	.45	.53	.56	.62	.66	.75							
June 29	12.02 p. m.	4.15 p. m.	2.11	12.04 p. m.	15.51 p. m.	.01	.31	.53	.69	.96	1.21	1.40	1.60	1.74	1.84	1.90				
June 30	1.05 p. m.	3.20 p. m.	.74	1.19 p. m.	1.39 p. m.	.07	.19	.40	.45	.52										
July 1	3.23 p. m.	4.20 p. m.	.71	3.26 p. m.	3.42 p. m.	.01	.30	.45	.63	.66										
July 4	8.05 a. m.	10.15 a. m.	1.00	8.08 a. m.	8.32 a. m.	.01	.19	.32	.41	.58	.73									
July 15	3.53 p. m.	5.20 p. m.	.98	4.03 p. m.	4.29 p. m.	.05	.17	.40	.58	.75	.89	.91								
Lexington, Ky.:																				
May 6-7	4.43 p. m.	1.45 a. m.	1.78	5.03 p. m.	5.18 p. m.	.04	.31	.74	.80											
July 3	4.05 p. m.	6.25 p. m.	1.05	4.28 p. m.	5.10 p. m.	.01	.13	.22	.46	.60	.70	.78	.86	.93	.96					
July 10	3.07 p. m.	4.25 p. m.	.96	3.22 p. m.	3.41 p. m.	.01	.24	.50	.76	.92										
July 17	5.10 p. m.	7.30 p. m.	1.03	5.18 p. m.	6.32 p. m.	.01	.10	.19	.27	.34	.40	.46	.48	.53	.62	.63	.64	1.02		
Sept. 3	1.54 p. m.	2.44 p. m.	.64	2.04 p. m.	2.22 p. m.	.01	.10	.22	.50	.59										
Louisville, Ky.:																				
Apr. 17	10.55 a. m.	12.25 p. m.	.71	11.12 a. m.	11.22 a. m.	.01	.30	.57												
Apr. 26	1.57 p. m.	6.45 p. m.	1.96	3.10 p. m.	4.16 p. m.	.04	.14	.22	.37	.43	.54	.61	.64	.69	.80	1.02	1.25	1.42		
May 9	9.33 p. m.	D. N. p. m.	.88	9.37 p. m.	10.00 p. m.	.02	.09	.16	.34	.45	.50									
June 16-17	9.25 p. m.	D. N. a. m.	2.14	10.18 p. m.	11.33 p. m.	.04	.13	.18	.26	.35	.54	.73	.96	1.05	1.08	1.21	1.60	1.98		
July 8	3.33 p. m.	4.30 p. m.	.64	3.48 p. m.	4.10 p. m.	.10	.17	.31	.42	.47	.51									
July 15	6.32 p. m.	10.00 p. m.	1.33	6.36 p. m.	7.19 p. m.	.01	.07	.17	.30	.48	.79	1.00	1.12	1.20	1.24					
Sept. 3	2.27 p. m.	3.48 p. m.	.75	2.27 p. m.	2.57 p. m.	.00	.07	.24	.39	.41	.61	.71								
Evansville, Ind.:																				
June 16-17	6.43 p. m.	D. N. a. m.	1.50	9.41 p. m.	10.11 p. m.	.27	.15	.18	.29	.74	1.00	1.06								
July 4-5	D. N. a. m.	9.05 a. m.	1.65	6.30 a. m.	7.05 a. m.	.04	.05	.11	.19	.30	.36	.46	.58							
July 8	11.54 a. m.	1.45 p. m.	1.43	11.55 a. m.	12.30 p. m.	T.	(1)	(1)	(1)	(1)	(1)	(1)	1.40							
Aug. 22	7.36 p. m.	8.35 p. m.	.85	7.39 p. m.	8.04 p. m.	.01	.21	.36	.57	.72	.79									

[1] Self-register not working.

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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 TENNESSSEE—con.																				
Indianapolis, Ind.:																				
July 2	4.50 p. m.	6.00 p. m.	1.20	4.52 p. m.	5.12 p. m.	0.01	0.40	0.76	1.04	1.13										
July 9	3.17 p. m.	7.25 p. m.	2.49	3.20 p. m.	4.37 p. m.	.01	.39	.65	.87	1.14	1.25	1.33	1.61	1.75	1.84	1.93	2.15	2.39		
Cincinnati, Ohio:																				
July 1	12.13 p. m.	1.00 p. m.	.55	12.18 p. m.	12.36 p. m.	.02	.12	.25	.45	.53										
July 10	12.21 p. m.	1.55 p. m.	.61	12.21 p. m.	12.35 p. m.	.00	.19	.52	.59											
July 17	12.11 p. m.	3.25 p. m.	2.53	12.27 p. m.	1.35 p. m.	.01	.38	.74	.98	1.18	1.37	1.64	1.68	1.84	1.93	2.09	2.14	2.43		
Aug. 9	10.25 a. m.	12.10 p. m.	1.35	11.13 a. m.	11.50 a. m.	.07	.20	.55	.75	.80	.83	.91	1.07	1.17						
Oct. 22	2.48 p. m.	9.00 p. m.	.73	3.00 p. m.	3.26 p. m.	.04	.20	.27	.33	.40	.46	.49								
Columbus, Ohio:																				
Apr. 27-28	11.45 p. m.	6.40 a. m.	2.33	5.26 a. m.	6.21 a. m.	1.39	.08	.17	.22	.26	.30	.38	.43	.51	.59	.76	.94			
May 26	10.05 a. m.	11.45 a. m.	.75	10.08 a. m.	10.30 a. m.	.01	.16	.40	.53	.57	.60									
July 3	5.55 a. m.	12.30 p. m.	1.20	10.05 a. m.	10.30 a. m.	.10	.29	.53	.71	.83	.88									
Sept. 14	5.50 p. m.	7.55 p. m.	1.21	6.45 p. m.	7.18 p. m.	.33	.17	.29	.37	.51	.63	.73	.85							
Dayton, Ohio:																				
July 1	3.56 p. m.	4.48 p. m.	.70	3.59 p. m.	4.18 p. m.	.01	.26	.37	.51	.66										
July 15	10.50 a. m.	11.23 a. m.	.73	10.58 a. m.	11.18 a. m.	.01	.20	.36	.58	.72										
Aug. 28	8.18 p. m.	D. N. p. m.	2.47	8.29 p. m. 10.07 p. m.	9.02 p. m. 11.09 p. m.	.01 .77	.05 .10	.12 .33	.22 .34	.35 .38	.41 .46	.53 .58	.56 .66	.71	.88	1.17	1.66	1.70		
Pittsburgh, Pa.:																				
June 16	1.00 a. m.	7.25 a. m.	2.10	3.16 a. m.	3.42 a. m.	.18	.16	.21	.30	.47	.68	.71								
June 16	2.50 p. m.	5.35 p. m.	.85	3.09 p. m.	3.35 p. m.	.01	.17	.19	.20	.21	.50	.66								
June 28	1.05 p. m.	2.45 p. m.	1.57	1.40 p. m.	2.30 p. m.	.05	.17	.34	.55	.76	.95	1.06	1.08	1.21	1.33	1.43				
July 10	1.50 p. m.	3.05 p. m.	.53	1.58 p. m.	2.08 p. m.	.01	.28	.50												
July 21	10.39 a. m.	2.20 p. m.	1.93	10.54 a. m.	11.44 a. m.	.01	.39	.58	.78	.92	1.02	1.07	1.07	1.09	1.19	1.31				
July 24	12.16 a. m.	1.35 p. m.	2.01	7.14 a. m.	7.30 a. m.	.24	.18	.38	.48	.51										
Aug. 18	7.55 p. m.	8.45 p. m.	.61	7.57 p. m.	8.18 p. m.	.01	.21	.37	.41	.57	.60									
Sept. 1	8.52 p. m.	2.45 a. m.	1.16	8.52 p. m.	9.33 p. m.	.00	.12	.16	.24	.31	.38	.45	.55	.73	.77					
Sept. 6	4.30 a. m.	5.30 a. m.	.58	4.35 a. m.	4.51 a. m.	.01	.32	.45	.53	.56										
Parkersburg, W. Va.:																				
May 29	12.50 p. m.	2.12 p. m.	.65	12.57 p. m.	1.13 p. m.	.01	.20	.42	.59	.60										
June 16	2.48 p. m.	4.40 p. m.	1.12	2.57 p. m.	3.19 p. m.	.01	.22	.38	.50	.64	.66									
June 17	1.10 a. m.	7.20 a. m.	2.06	1.16 a. m.	2.46 a. m.	.02	.08	.24	.31	.35	.38	.40	.43	.54	.64	.95	1.36	1.77	1.95	
June 30	5.46 p. m.	9.25 p. m.	1.50	5.50 p. m.	6.35 p. m.	.01	.14	.33	.56	.75	.87	.90	.98	1.09	1.15					
July 15	7.40 p. m.	10.30 p. m.	1.09	7.47 p. m.	8.28 p. m.	.01	.09	.32	.56	.73	.74	.75	.90	.98	1.03					
July 21	12.45 a. m.	5.25 a. m.	.96	1.46 a. m.	2.11 a. m.	.03	.05	.17	.38	.61	.71									
July 21	1.15 p. m.	7.37 p. m.	2.75	1.26 p. m. 5.11 p. m.	1.43 p. m. 6.27 p. m.	.02 1.03	.10 .23	.44 .35	.62 .42	.64 .51	.61	.69	.70	.72	.89	1.10	1.18	1.54		
July 24	6.05 p. m.	7.50 p. m.	1.54	6.10 p. m.	6.50 p. m.	.01	.18	.47	.83	.98	1.15	1.29	1.42	1.47						
Aug. 19	11.45 a. m.	12.10 p. m.	.54	11.48 a. m.	12.04 p. m.	.01	.10	.46	.52	.53										
Elkins, W. Va.:																				
June 25	5.01 p. m.	6.45 p. m.	.60	5.26 p. m.	5.41 p. m.	.01	.25	.44	.55											
July 24	4.04 p. m.	9.15 p. m.	3.84	4.08 p. m.	5.50 p. m.	.01	.47	.64	.80	.93	1.05	1.13	1.23	1.32	1.42	1.58	1.89	2.47	3.07	3.14
Aug. 21	2.21 p. m.	5.02 p. m.	.80	3.51 p. m.	4.20 p. m.	.14	.09	.21	.34	.45	.56	.62								
Sept. 24	8.40 a. m.	7.12 p. m.	1.08	3.09 p. m.	3.31 p. m.	.00	.05	.17	.44	.64	.67									
LOWER LAKE REGION.																				
Buffalo, N. Y.:																				
Aug. 2	3.22 p. m.	5.05 p. m.	1.49	3.32 p. m.	4.17 p. m.	T.	.19	.59	.72	.82	.94	1.11	1.19	1.27	1.38					
Canton, N. Y.:																				
May 28	6.40 p. m.	9.00 p. m.	.74	6.47 p. m.	6.58 p. m.	.02	.25	.46	.51											
Aug. 26	7.45 p. m.	9.30 p. m.	.59	8.28 p. m.	8.39 p. m.	.01	.34	.50	.54											
Oswego, N. Y.:																				
May 28	5.50 p. m.	6.45 p. m.	.67	6.13 p. m.	6.30 p. m.	.01	.27	.52	.62	.66										
May 28-29	11.14 p. m.	10.30 a. m.	.93	5.42 a. m.	6.01 a. m.	.17	.26	.36	.47	.52										
June 16	5.23 p. m.	6.45 p. m.	.79	6.16 p. m.	6.40 p. m.	.18	.14	.33	.43	.51	.61									
July 13	8.21 p. m.	9.32 p. m.	.80	8.21 p. m.	8.57 p. m.	.00	.24	.46	.54	.61	.64	.68	.74	.78						
Sept. 5	9.47 p. m.	10.45 p. m.	.82	9.53 p. m.	10.37 p. m.	.02	.06	.28	.38	.47	.47	.53	.54	.61	.78					
Rochester, N. Y.:																				
July 15	5.16 p. m.	7.36 p. m.	.97	5.51 p. m.	6.10 p. m.	.13	.08	.38	.68	.72										
Syracuse, N. Y.:																				
July 3	7.08 p. m.	7.50 p. m.	.89	7.12 p. m.	7.43 p. m.	.01	.19	.44	.55	.58	.69	.85	.87							
Sept. 1	3.45 p. m.	6.40 p. m.	.70	5.55 p. m.	6.23 p. m.	.13	.09	.16	.23	.32	.52	.56								
Erie, Pa.:																				
June 16	D. N. a. m.	10.30 a. m.	1.43	8.21 a. m.	9.21 a. m.	.03	.05	.12	.22	.49	.71	.86	.99	1.04	1.09	1.13	1.36			
July 13	8.25 p. m.	10.55 p. m.	1.33	8.38 p. m.	9.40 p. m.	.01	.21	.29	.38	.63	.79	.87	.91	1.01	1.04	1.05	1.22	1.31		
Aug. 19	D. N. a. m.	7.00 a. m.	1.02	4.22 a. m.	4.55 a. m.	.04	.24	.44	.45	.47	.55	.65	.70							
Aug. 26	7.25 p. m.	8.55 p. m.	.72	7.25 p. m.	7.42 p. m.	.00	.12	.18	.48	.57										
Cleveland, Ohio:																				
June 15-16	10.00 p. m.	7.35 a. m.	1.61	3.15 a. m.	3.43 a. m.	.09	.06	.27	.34	.54	.66	.72								
July 5	5.25 p. m.	11.50 p. m.	1.61	5.31 p. m.	6.15 p. m.	.01	.12	.66	.79	.89	.97	1.08	1.16	1.24	1.29					
July 15	2.38 p. m.	7.03 p. m.	.80	3.23 p. m.	3.40 p. m.	.05	.16	.37	.56	.59										
July 24	1.02 a. m.	8.55 a. m.	2.54	3.58 a. m.	4.09 a. m.	.38	.30	.49	.51											
Aug. 20	8.40 p. m.	9.10 p. m.	.72	8.43 p. m.	9.01 p. m.	.01	.22	.36	.59	.68										
Aug. 26	5.01 a. m.	5.56 a. m.	.80	5.05 a. m.	5.34 a. m.	.01	.27	.41	.50	.59	.71	.76								
Sandusky, Ohio:																				
June 14-15	7.25 p. m.	D. N. a. m.	1.65	2.40 a. m.	3.15 a. m.	.79	.05	.10	.18	.29	.42	.53	.66							
June 15-16	8.10 p. m.	6.38 a. m.	1.72	9.27 p. m.	9.50 p. m.	.09	.25	.60	.95	1.15	1.19									
July 2	2.39 p. m.	3.04 p. m.	.64	2.46 p. m.	3.00 p. m.	.03	.23	.49	.59											
July 15	12.50 p. m.	1.40 p. m.	.57	1.01 p. m.	1.30 p. m.	.05	.09	.19	.35	.41	.46	.50								
Toledo, Ohio:																				
June 14	3.47 p. m.	5.20 p. m.	.82	4.26 p. m.	4.56 p. m.	.14	.16	.37	.39	.39	.50	.63								
June 15	8.08 p. m.	9.20 p. m.	1.02	8.25 p. m.	8.47 p. m.	.03	.16	.37	.63	.79	.84									
July 30	2.15 p. m.	4.28 p. m.	.78	3.55 p. m.	4.08 p. m.	.11	.26	.55	.64											
Detroit, Mich.:																				
July 23-24	9.42 p. m.	7.04 a. m.	2.43	1.02 a. m.	1.28 a. m.	.52	.11	.17	.25	.37	.48	.54								
Sept. 5	2.55 p. m.	4.15 p. m.	.84	2.55 p. m.	3.20 p. m.	.00	.27	.55	.70	.77	.82									

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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 LAKE REGION.																				
Alpena, Mich.:																				
Apr. 14	6.30 a. m.	5.30 p. m.	1.04	12.37 p. m.	12.55 p. m.	0.25	0.10	0.32	0.48	0.62										
Escanaba, Mich.:																				
Aug. 8-9	10.15 p. m.	D. N. a. m.	.89	3.11 a. m.	3.41 a. m.	.17	.08	.26	.43	.53	0.59	0.69								
Aug. 31-Sept. 1	8.30 p. m.	D. N. a. m.	1.09	9.54 p. m.	10.13 p. m.	.01	.13	.34	.45	.52										
Sept. 5	5.10 a. m.	7.50 a. m.	1.45	6.22 a. m.	7.00 a. m.	.58	.07	.16	.26	.45	.64	.72	0.82	0.86						
Grand Haven, Mich.[1]																				
Grand Rapids, Mich.:																				
May 21	4.35 p. m.	6.20 p. m.	.95	4.49 p. m.	5.12 p. m.	.01	.21	.44	.83	.85	.92									
July 8	2.10 p. m.	3.15 p. m.	.77	2.24 p. m.	2.58 p. m.	.02	.09	.24	.47	.56	.61	.65	.72							
July 13	3.30 a. m.	9.50 a. m.	1.40	4.09 a. m.	4.23 a. m.	.03	.30	.74	.87											
July 20-21	7.45 a. m.	4.00 a. m.	2.92	8.51 p. m.	9.28 p. m.	1.70	.16	.18	.18	.26	.41	.54	.59	.62						
Sept. 15	1.00 a. m.	9.00 a. m.	1.23	5.36 a. m.	6.16 a. m.	.16	.15	.18	.22	.25	.28	.51	.62	.67						
Oct. 11-12	8.53 p. m.	12.10 a. m.	1.17	10.21 p. m.	10.50 p. m.	.12	.11	.27	.41	.52	.56	.63								
Houghton, Mich.:																				
July 12-13	9.05 p. m.	D. N. a. m.	1.34	10.50 p. m.	12.06 a. m.	.13	.14	.38	.39	.42	.49	.51	.59	.63	0.63	0.68	0.82	1.13		
Lansing, Mich.:																				
July 23-24	5.00 p. m.	5.55 a. m.	1.57	12.57 a. m.	1.27 a. m.	.06	.05	.09	.23	.38	.46	.59								
				2.50 a. m.	3.07 a. m.	.88	.09	.34	.45	.50										
July 28-29	7.25 p. m.	D. N. a. m.	.63	7.29 p. m.	7.43 p. m.	.01	.23	.50	.59											
Sept. 10-11	9.58 p. m.	D. N. a. m.	.86	12.09 a. m.	12.27 a. m.	.09	.24	.52	.61	.68										
Marquette, Mich.:																				
July 6	4.50 p. m.	11.20 p. m.	2.07	6.34 p. m.	7.07 p. m.	.33	.13	.28	.42	.53	.87	1.15	1.21							
Aug. 9-10	12.01 a. m.	5.00 a. m.	2.57	7.46 a. m.	8.41 a. m.	.38	.06	.11	.13	.17	.20	.26	.44	.54	.58	.75	.83			
Port Huron, Mich.:																				
July 10	1.50 p. m.	4.00 p. m.	.70	1.56 p. m.	2.10 p. m.	.01	.23	.46	.55											
Sault Ste. Marie, Mich.:																				
Aug. 10	1.55 p. m.	4.15 p. m.	1.20	2.06 p. m.	2.36 p. m.	.19	.21	.46	.60	.78	.88	.95								
Chicago, Ill.:																				
July 7	1.14 p. m.	5.44 p. m.	1.82	1.46 p. m.	2.38 p. m.	.04	.07	.22	.32	.42	.54	.68	.80	.94	1.04	1.11	1.16			
Aug. 9	5.47 p. m.	8.34 p. m.	1.12	6.02 p. m.	6.42 p. m.	.02	.06	.20	.29	.36	.59	.79	.96	1.01						
Sept. 2	2.28 p. m.	3.54 p. m.	1.47	2.39 p. m.	3.19 p. m.	.03	.12	.40	.57	.70	.84	.90	1.21	1.41						
Milwaukee, Wis.:																				
May 3	1.50 a. m.	D. N. a. m.	1.12	1.57 a. m.	2.47 a. m.	.01	.14	.24	.42	.55	.64	.68	.71	.85	.94	1.00				
May 23	8.35 p. m.	9.30 p. m.	.57	8.43 p. m.	8.57 p. m.	.01	.20	.45	.53											
July 13	1.30 a. m.	4.30 a. m.	2.19	1.36 a. m.	2.41 a. m.	.01	.10	.29	.46	.70	.96	1.23	1.36	1.46	1.59	1.68	1.87	2.06		
Sept. 14-15	11.15 p. m.	6.15 a. m.	3.08	2.01 a. m.	2.51 a. m.	.76	.13	.19	.23	.27	.32	.40	.49	.57	.65	.74				
				2.51 a. m.	3.41 a. m.		.76	.79	.90	1.00	1.14	1.23	1.26	1.30	1.37	1.43				
				3.41 a. m.	4.29 a. m.		1.46	1.47	1.52	1.60	1.66	1.71	1.77	1.83	1.87	1.92				
Green Bay, Wis.:																				
May 21-22	9.05 p. m.	D. N. a. m.	1.41	11.14 p. m.	12.35 a. m.	.15	.07	.12	.17	.29	.33	.36	.42	.48	.52	.54	.77	1.20	1.26	
July 23	8.35 a. m.	4.00 p. m.	1.72	8.39 a. m.	9.07 a. m.	.02	.11	.26	.43	.64	.89	.95								
July 23	5.20 p. m.	7.30 p. m.	1.19	5.20 p. m.	5.33 p. m.	.00	.14	.15	.45	.51										
				6.17 a. m.	6.32 p. m.	.53	.19	.35	.57											
July 23-24	8.40 p. m.	D. N. a. m.	1.48	9.04 p. m.	10.02 p. m.	.02	.11	.15	.27	.24	.45	.56	.68	.83	.89	.96	1.28			
Sept. 2	1.45 a. m.	4.55 a. m.	.65	3.58 a. m.	4.14 a. m.	.11	.08	.19	.45	.51										
Sept. 5	D. N. a. m.	6.30 a. m.	.83	5.47 a. m.	6.21 a. m.	.16	.13	.29	.35	.50	.55	.63	.67							
Duluth, Minn.[1]																				
NORTH DAKOTA.																				
Moorhead, Minn.:																				
May 26-27	9.10 p. m.	12.45 a. m.	1.07	10.40 p. m.	11.23 p. m.	.23	.01	.14	.19	.25	.30	.44	.56	.64	.68					
July 2	4.20 a. m.	7.20 a. m.	1.36	4.43 a. m.	5.44 a. m.	.05	.23	.29	.31	.32	.33	.35	.53	.55	.58	.64	.98	1.10		
July 11	9.15 p. m.	11.00 p. m.	1.02	9.28 p. m.	10.00 p. m.	.03	.18	.26	.35	.40	.50	.75	.78							
Aug. 5	4.45 p. m.	6.35 p. m.	.98	5.01 p. m.	5.17 p. m.	.02	.14	.48	.81	.83										
Aug. 16-17	3.12 p. m.	1.00 a. m.	2.34	8.52 p. m.	10.49 p. m.	.53	.13	.31	.36	.46	.49	.50	.50	.52	.60	.80	.93	1.19	1.40	1.72
Bismarck, N. Dak.:																				
Apr. 11	12.09 p. m.	1.57 p. m.	1.13	1.22 p. m.	1.39 p. m.	.17	.22	.48	.68	.72										
May 26	6.26 p. m.	D. N. p. m.	.72	6.29 p. m.	6.43 p. m.	.01	.22	.42	.54											
July 20	7.15 p. m.	9.15 p. m.	.88	8.46 p. m.	9.04 p. m.	.05	.10	.39	.75	.80										
July 22	6.07 p. m.	6.30 p. m.	.67	6.11 p. m.	6.25 p. m.	.01	.28	.53	.64											
Devils Lake, N. Dak.:																				
June 19	5.25 p. m.	6.12 p. m.	.69	5.25 p. m.	5.38 p. m.	.00	.24	.57	.64											
July 2	3.49 p. m.	6.58 p. m.	.98	4.04 p. m.	4.25 p. m.	.11	.09	.33	.41	.49	.53									
July 6	4.55 p. m.	8.00 p. m.	1.59	5.56 p. m.	7.00 p. m.	.14	.08	.20	.33	.38	.45	.47	.49	.56	.64	.74	1.18	1.38		
July 23	5.28 a. m.	8.32 a. m.	.89	5.33 a. m.	5.43 a. m.	.01	.32	.60												
July 27	1.46 a. m.	D. N. a. m.	.77	2.00 a. m.	2.31 a. m.	.04	.08	.11	.17	.36	.43	.50	.53							
July 27	6.15 p. m.	7.28 p. m.	.66	6.43 p. m.	7.07 p. m.	.02	.06	.25	.44	.57	.62									
Williston, N. Dak.:																				
July 23	D. N. a. m.	D. N. a. m.	1.14	12.48 a. m.	1.19 a. m.	.01	.23	.49	.71	.87	.91	.98	1.01							
UPPER MISSISSIPPI VALLEY.																				
Minneapolis, Minn.:																				
May 3	5.35 p. m.	D. N. p. m.	1.29	8.50 p. m.	9.48 p. m.	.23	.10	.15	.23	.34	.37	.42	.51	.65	.78	.82	.96			
May 27	5.37 p. m.	7.13 p. m.	.71	5.49 p. m.	6.06 p. m.	.03	.28	.42	.50	.55										
July 2	5.15 p. m.	7.30 p. m.	.84	5.20 p. m.	5.45 p. m.	.01	.05	.24	.44	.53	.61									
July 13	4.19 p. m.	5.40 p. m.	1.60	4.35 p. m.	5.23 p. m.	.03	.46	.61	.70	.78	.79	.81	.85	1.04	1.39	1.56				
July 12	5.55 p. m.	6.15 p. m.	.65	5.55 p. m.	6.12 p. m.	.00	.05	.16	.52	.65										
July 23	D. N. a. m.	9.34 a. m.	2.07	4.43 a. m.	5.27 a. m.	.19	.26	.47	.70	.96	1.10	1.20	1.24	1.33	1.40					
Aug. 18	D. N. a. m.	D. N. a. m.	.97	4.19 a. m.	4.39 a. m.	.14	.21	.40	.50	.57										
Aug. 29-30	11.20 p. m.	D. N. a. m.	2.02	12.39 a. m.	1.59 a. m.	.58	.08	.13	.22	.27	.29	.34	.46	.56	.68	.69	.70	1.04		
St. Paul, Minn.:																				
May 3	8.45 p. m.	10.50 p. m.	1.00	10.08 p. m.	10.44 p. m.	.41	.10	.15	.19	.28	.38	.49	.57	.59						
July 23	3.50 a. m.	9.45 a. m.	1.28	5.02 a. m.	5.55 a. m.	.13	.07	.10	.18	.26	.31	.38	.41	.52	.63	.75	.82			

[1] No excessive precipitation.

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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—contd.																				
La Crosse, Wis.:																				
Apr. 13-14	9.40 p. m.	D. N. a. m.	1.10	10.30 p. m.	11.11 p. m.	0.14	0.07	0.11	0.23	0.29	0.35	0.47	0.55	0.61	0.65	....	....	....	....	....
May 19-20	7.46 p. m.	D. N. a. m.	3.11	8.36 p. m.	9.26 p. m.	.03	.12	.17	.17	.19	.23	.35	.52	.67	.74	0.76	....	....	....	....
				9.26 p. m.	10.16 p. m.	.....	.76	.85	1.03	1.20	1.24	1.27	1.28	1.33	1.43	1.54	....	....	....	....
				10.16 p. m.	11.06 p. m.	.....	1.56	1.58	1.64	1.64	1.69	1.69	1.69	1.80	1.84	1.84	....	....	....	....
				11.06 p. m.	11.41 p. m.	.....	1.87	1.93	1.98	2.04	2.23	2.35	2.46	....	....	....	....	....	....	....
May 23	12.35 a. m.	2.45 a. m.	.91	12.50 a. m.	1.27 a. m	.01	.08	.15	.24	.30	.31	.35	.54	.69	....	....	....	....	....	....
July 4	10.12 a. m.	10.53 a. m.	.61	10.12 a. m.	10.36 a. m.	.00	.17	.39	.48	.50	.60	....	....	....	....	....	....	....	....	....
July 9	3.20 p. m.	6.25 p. m.	1.21	4.23 p. m.	4.47 p. m.	.16	.26	.56	.73	.93	1.00	....	....	....	....	....	....	....	....	....
Madison, Wis.:																				
July 12-13	11.45 p. m.	4.00 a. m.	1.40	12.39 a. m.	1.28 a. m.	.11	.11	.13	.28	.41	.46	.51	.51	.57	.92	1.09	....	....	....	....
Sept. 18-19	12.50 p. m.	D. N. a. m.	2.70	1.02 p. m.	1.30 p. m.	.02	.19	.28	.35	.45	.55	.59	....	....	....	....	....	....	....	....
Charles City, Iowa:																				
July 9	7.29 p. m.	D. N. p. m.	.82	8.47 p. m.	9.01 p. m.	.01	.14	.48	.56	....	....	....	....	....	....	....	....	....	....	....
Aug. 31	9.00 p. m.	11.55 p. m.	.86	9.13 p. m.	9.32 p. m.	.09	.15	.42	.50	.61	....	....	....	....	....	....	....	....	....	....
Davenport, Iowa:																				
Aug. 19	D. N. a. m.	11.58 a. m.	2.09	5.39 a. m.	6.08 a. m.	.02	.15	.30	.36	.41	.49	.53	....	....	....	....	....	....	....	....
Oct. 10-11	10.30 p. m.	5.55 a. m.	1.32	12.38 a. m.	1.26 a. m.	.09	.16	.21	.23	.29	.33	.39	.54	.66	.83	.88	....	....	....	....
Des Moines, Iowa:																				
May 10-11	7.30 p. m.	7.40 p. m.	4.42	7.44 p. m.	8.51 p. m.	.04	.07	.30	.55	.62	.94	1.43	1.89	2.15	2.29	2.31	2.38	2.69	....	....
July 9	8.45 p. m.	D. N. p. m.	.89	9.13 p. m.	9.38 p. m.	.02	.16	.35	.54	.67	.75	....	....	....	....	....	....	....	....	....
Sept. 2	9.45 p. m.	8.15 a. m.	1.78	2.02 a. m.	2.41 a. m.	.47	.08	.18	.27	.43	.50	.51	.64	.70	....	....	....	....	....	....
Dubuque, Iowa:																				
May 20-21	7.44 p. m.	D. N. a. m.	1.36	10.02 p. m.	10.52 p. m.	.25	.06	.18	.34	.46	.53	.64	.77	.83	.94	1.03	....	....	....	....
May 26	2.06 p. m.	4.45 p. m.	1.06	3.11 p. m.	3.36 p. m.	.09	.10	.50	.67	.78	.85	....	....	....	....	....	....	....	....	....
June 20	2.56 p. m.	6.32 p. m.	.57	6.13 p. m.	6.28 p. m.	.04	.20	.41	.51	....	....	....	....	....	....	....	....	....	....	....
July 6	3.07 p. m.	4.20 p. m.	1.21	3.07 p. m.	3.36 p. m.	.00	.07	.22	.44	.74	1.05	1.16	....	....	....	....	....	....	....	....
July 9-10	11.03 p. m.	D. N. a. m.	.89	11.30 p. m.	12.10 a. m.	.04	.06	.21	.31	.38	.51	.55	.62	.67	....	....	....	....	....	....
July 28	12.45 a. m.	2.15 a. m.	1.40	12.51 a. m.	2.13 a. m.	.01	.07	.24	.28	.33	.49	.58	.74	.83	.96	.97	.97	1.33	1.39	....
Aug. 18-19	6.52 p. m.	8.22 a. m.	5.23	7.16 p. m.	8.12 p. m.	.19	.10	.22	.41	.58	.76	1.00	1.42	1.71	1.82	1.85	1.94	....	....	....
				9.06 p. m.	9.54 p. m.	2.31	.20	.49	.56	.60	.65	.69	.79	.92	1.05	1.08	....	....	....	....
Oct. 21	D. N. a. m.	D. N. a. m.	.65	1.17 a. m.	1.38 a. m.	.02	.16	.35	.46	.58	.63	....	....	....	....	....	....	....	....	....
Keokuk, Iowa:																				
July 20-21	11.25 p. m.	3.20 a. m.	2.10	12.37 a. m.	1.53 a. m.	.20	.09	.21	.35	.44	.54	.72	.78	.90	1.22	1.34	1.34	1.66	....	....
Sept. 14	7.50 p. m.	11.00 p. m.	1.00	9.30 p. m.	9.40 p. m.	.33	.41	.53	....	....	....	....	....	....	....	....	....	....	....	....
Cairo, Ill.:																				
June 13	11.24 a. m.	2.30 p. m.	.91	1.25 p. m.	1.41 p. m.	.10	.17	.31	.53	.57	....	....	....	....	....	....	....	....	....	....
June 17	5.40 a. m.	11.10 a. m.	1.99	6.16 a. m.	6.34 a. m.	.03	.15	.35	.50	.58	....	....	....	....	....	....	....	....	....	....
July 21	7.47 p. m.	D. N. p. m.	.53	7.57 p. m.	8.14 p. m.	.01	.15	.31	.45	.51	....	....	....	....	....	....	....	....	....	....
Aug. 12	1.14 p. m.	4.25 p. m.	.64	1.24 p. m.	1.41 p. m.	.01	.01	.23	.41	.48	.53	....	....	....	....	....	....	....	....	....
Sept. 17	10.25 a. m.	11.12 a. m.	.59	10.25 a. m.	10.46 a. m.	.00	(*)	(*)	(*)	.56	.57	....	....	....	....	....	....	....	....	....
La Salle, Ill.:																				
July 1	4.06 p. m.	5.15 p. m.	1.04	4.11 p. m.	4.34 p. m.	.01	.19	.39	.77	.97	1.01	....	....	....	....	....	....	....	....	....
Sept. 14-15	8.35 p. m.	D. N. a. m.	1.06	1.39 a. m.	2.07 a. m.	.13	.14	.35	.44	.69	.83	.87	....	....	....	....	....	....	....	....
Oct. 11	3.35 p. m.	6.18 p. m.	1.00	5.42 p. m.	5.57 p. m.	.45	.24	.42	.52	....	....	....	....	....	....	....	....	....	....	....
Peoria, Ill.:																				
Apr. 12	12.24 p. m.	3.53 p. m.	1.79	1.03 p. m.	1.43 p. m.	.02	.06	.32	.66	.88	1.01	1.11	1.30	1.50	....	....	....	....	....	....
May 27-28	7.40 p. m.	2.30 a. m.	1.09	8.44 p. m.	9.14 p. m.	.01	.27	.30	.39	.51	.62	.74	....	....	....	....	....	....	....	....
July 10	3.00 a. m.	7.27 a. m.	1.88	4.19 a. m.	5.00 a. m.	.02	.36	.72	1.03	1.17	1.29	1.36	1.45	1.51	1.54	....	....	....	....	....
July 20-21	11.50 p. m.	6.35 a. m.	2.67	11.52 p. m.	12.15 a. m.	.01	.12	.44	.58	.71	.75	....	....	....	....	....	....	....	....	....
				4.28 a. m.	5.53 a. m.	1.18	.07	.14	.20	.25	.32	.48	.66	.75	.82	.90	1.00	1.30	1.45	....
Sept. 14-15	D. N. p. m.	5.00 a. m.	1.43	12.36 a. m.	1.08 a. m.	.19	.06	.11	.23	.52	.67	.99	1.08	....	....	....	....	....	....	....
Springfield, Ill.:																				
June 15-16	D. N. p. m.	D. N. a. m.	1.34	11.08 p. m.	11.46 p. m.	.28	.28	.33	.45	.52	.56	.66	.79	.95	....	....	....	....	....	....
July 6	4.04 p. m.	7.40 p. m.	2.97	4.06 p. m.	4.58 p. m.	.01	.38	.80	1.20	1.43	1.73	2.10	2.31	2.42	2.56	2.70	2.75	....	....	....
Aug. 8	D. N. a. m.	D. N. a. m.	.99	1.52 a. m.	2.10 a. m.	.05	.18	.42	.70	.86	....	....	....	....	....	....	....	....	....	....
Hannibal, Mo.:																				
May 27-28	7.47 p. m.	D. N. a. m.	1.10	9.34 p. m.	10.24 p. m.	.25	.08	.16	.26	.30	.31	.35	.48	.54	.60	.78	....	....	....	....
June 5	3.35 p. m.	5.25 p. m.	.94	3.37 p. m.	4.16 p. m.	.01	.28	.49	.51	.53	.54	.56	.69	.79	....	....	....	....	....	....
July 12	5.50 a. m.	8.40 a. m.	.84	6.23 a. m.	6.46 a. m.	.04	.06	.25	.43	.64	.75	....	....	....	....	....	....	....	....	....
Aug. 15	5.20 a. m.	12.25 p. m.	.81	8.48 a. m.	9.05 a. m.	.19	.20	.33	.46	.52	....	....	....	....	....	....	....	....	....	....
Aug. 28	7.05 p. m.	D. N. p. m.	.95	7.14 p. m.	7.31 p. m.	.01	.26	.52	.69	.74	....	....	....	....	....	....	....	....	....	....
St. Louis, Mo.:																				
Apr. 12	11.53 a. m.	11.30 p. m.	1.46	11.58 a. m.	12.19 a. m.	.01	.10	.22	.36	.51	.55	....	....	....	....	....	....	....	....	....
May 10	8.20 p. m.	10.45 p. m.	1.37	8.47 p. m.	10.22 p. m.	.01	.07	.16	.23	.37	.49	.56	.73	.80	.84	.86	.87	1.08	1.35	....
June 5	8.45 p. m.	11.00 p. m.	1.42	9.07 p. m.	10.13 p. m.	.02	.11	.34	.41	.44	.53	.65	.73	.77	.85	.95	1.25	1.29	....	....
June 14	7.05 p. m.	10.15 p. m.	.78	7.52 p. m.	8.16 p. m.	.06	.08	.14	.24	.50	.56	....	....	....	....	....	....	....	....	....
June 16	11.55 a. m.	8.15 p. m.	2.69	12.45 p. m.	1.38 p. m.	.09	.05	.10	.17	.27	.34	.41	.49	.63	.69	.76	....	....	....	....
				1.38 p. m.	2.28 p. m.	.....	.77	.82	.89	.93	.94	.96	1.14	1.24	1.32	1.44	....	....	....	....
				2.28 p. m.	3.18 p. m.	.....	1.52	1.66	1.75	1.80	1.81	1.82	1.91	2.01	2.21	2.31	....	....	....	....
July 14	2.32 a. m.	4.52 a. m.	3.16	2.46 a m.	3.47 a. m.	.01	.14	.41	.72	.99	1.18	1.30	1.58	1.98	2.28	2.50	2.95	3.07	....	....
Sept. 17	1.15 a. m.	5.00 a. m.	1.07	2.48 a. m.	3.38 a. m.	.10	.08	.20	.36	.51	.55	.57	.58	.73	.81	.86	....	....	....	....
MISSOURI VALLEY.																				
Columbia, Mo.:																				
Apr. 27-28	11.45 p. m.	6.40 a. m.	2.33	5.26 a. m.	6.21 a. m.	1.39	.08	.17	.22	.26	.30	.38	.43	.51	.59	.76	.94	....	....	....
May 26	10.05 a. m.	11.45 a. m.	.75	10.08 a. m.	10.30 a. m.	.01	.16	.40	.53	.57	.60	....	....	....	....	....	....	....	....	....
July 3	5.55 a. m.	12.30 p. m.	1.20	10.05 a. m.	10.30 a. m.	.10	.29	.53	.71	.83	.88	....	....	....	....	....	....	....	....	....
Sept. 14	5.50 p. m.	7.55 p. m.	1.21	6.45 p. m.	7.18 p. m.	.33	.17	.29	.37	.51	.63	.73	.85	....	....	....	....	....	....	....
Kansas City, Mo.:																				
May 27	4.55 p. m.	7.05 p. m.	1.10	5.23 p. m.	5.53 p. m.	.05	.06	.20	.39	.67	.93	1.04	....	....	....	....	....	....	....	....
June 5	4.33 p. m.	6.15 p. m.	1.05	4.39 p. m.	5.22 p. m.	.03	.15	.31	.47	.50	.52	.55	.66	.79	.83	....	....	....	....	....
June 15	6.30 p. m.	8.50 p. m.	1.27	6.37 p. m.	6.47 p. m.	.01	.54	.88	....	....	....	....	....	....	....	....	....	....	....	....
Aug. 7	7.28 p. m.	9.20 p. m.	1.29	7.47 p. m.	8.47 p. m.	.05	.09	.13	.23	.42	.61	.79	.89	.94	.98	1.08	1.18	....	....	....

[1] No excessive precipitation.

Station and date.	Total duration. From—	Total duration. To—	Total amount of precipitation (inches).	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive rate began (inches).	Accumulated amounts of precipitation (in inches) during periods of time indicated. 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.
MISSOURI VALLEY—continued.																				
St. Joseph, Mo.:																				
June 5	2.27 p. m.	3.12 p. m.	.78	2.31 p. m.	3.04 p. m.	0.02	0.06	0.09	0.15	0.45	0.57	0.67	0.74							
July 5	7.07 p. m.	8.33 p. m.	.90	7.17 p. m.	7.44 p. m.	.02	.12	.33	.49	.69	.77	.82								
Aug. 15	D. N. a. m.	6.20 a. m.	1.42	4.34 a. m.	5.33 a. m.	.23	.05	.20	.31	.40	.49	.59	.74	0.85	0.88	1.03	1.18			
Oct. 10-11	6.35 p. m.	D. N. a. m.	1.79	9.06 p. m.	9.24 p. m.	.20	.37	.66	.72	.77										
Springfield, Mo.:																				
Apr. 25-26	11.55 p. m.	D. N. a. m.	.75	12.07 a. m.	12.28 a. m.	.10	.09	.18	.36	.61	.65									
Apr. 27-28	10.07 p. m.	D. N. a. m.	.81	11.47 p. m.	12.15 a. m.	.18	.05	.10	.18	.30	.49	.53								
Apr. 28	D. N. a. m.	9.50 a. m.	1.17	4.05 a. m.	4.11 a. m.	.08	.45	.52												
June 14	6.45 p. m.	9.04 p. m.	1.84	7.30 p. m.	8.30 p. m.	.20	.19	.31	.37	.47	.56	.66	.75	.82	.87	1.09	1.54			
June 17	D. N. a. m.	2.10 p. m.	2.75	12.18 a. m. 3.28 a. m.	12.48 a. m. 3.47 a. m.	.02 1.71	.12 .10	.32 .30	.62 .46	.81 .54	.95	1.06								
Sept. 16-17	10.00 p. m.	D. N. a. m.	1.09	10.55 p. m.	11.38 p. m.	.10	.06	.14	.29	.31	.32	.35	.70	.88	.98					
Iola, Kans.:																				
Apr. 28-29	8.26 p. m.	1.25 a. m.	1.12	8.42 p. m.	9.18 p. m.	.01	.17	.32	.42	.57	.72	.77	.83							
May 24	4.56 p. m.	6.52 p. m.	.86	5.13 p. m.	6.05 p. m.	.02	.13	.24	.29	.35	.39	.49	.56	.65	.69	.78	.83			
May 27	6.10 p. m.	6.53 p. m.	.73	6.17 p. m.	6.31 p. m.	.01	.31	.63	.69											
June 16-17	8.00 p. m.	4.42 a. m.	3.73	8.11 p. m.	9.49 p. m.	.02	.14	.28	.40	.50	.70	.78	.83	.85	.88	.96	1.31	2.24	2.53	
Aug. 14-15	11.10 p. m.	5.35 a. m.	2.68	11.19 p. m.	12.22 a. m.	.03	.25	.56	.84	1.13	1.25	1.34	1.46	1.59	1.68	1.73	2.02	2.08		
Sept. 2	4.55 p. m.	9.45 p. m.	.63	5.00 p. m.	5.16 p. m.	.02	.21	.42	.50	.52										
Sept. 14	5.05 a. m.	6.40 a. m.	.90	5.33 a. m.	6.13 a. m.	.01	.06	.15	.26	.41	.50	.62	.77	.88						
Sept. 14	7.35 a. m.	8.25 a. m.	.72	7.45 a. m.	8.01 a. m.	.01	.21	.51	.65	.68										
Topeka, Kans.:																				
July 20	9.08 p. m.	11.45 p. m.	.80	9.08 p. m.	9.21 p. m.	.00	.22	.53	.66											
Aug. 15	2.32 a. m.	8.55 a. m.	.78	2.36 a. m.	3.03 a. m.	.02	.11	.22	.27	.40	.51	.55								
Sept. 2	2.22 p. m.	6.50 p. m.	.65	2.25 p. m.	2.45 p. m.	.02	.17	.23	.43	.51										
Oct. 10-11	7.42 p. m.	4.15 a. m.	5.47	7.56 p. m. 11.10 p. m.	9.23 p. m. 12.21 a. m.	.01 2.60	.18 .21	.42 .45	.64 .58	.91 .79	1.01 .83	1.10 .92	1.14 .96	1.15 .99	1.18 .99	1.25 .99	1.70 1.14	2.14 1.45	2.36	
Nov. 5	4.54 p. m.	8.15 p. m.	1.77	5.01 p. m.	6.11 p. m.	.02	.15	.23	.26	.36	.68	.77	.78	.80	.87	.99	1.18	1.36		
Lincoln, Nebr.:																				
Apr. 20	11.25 a. m.	8.00 p. m.	1.93	3.32 p. m.	4.12 p. m.	.38	.05	.17	.23	.33	.40	.48	.58	.64						
Aug. 5	3.30 a. m.	6.35 a. m.	.99	4.59 a. m.	5.39 a. m.	.25	.16	.24	.29	.36	.43	.50	.53	.60						
Aug. 15-16	8.55 p. m.	8.15 a. m.	2.12	12.56 a. m.	1.16 a. m.	.56	.27	.58	.73	.92										
Omaha, Nebr.:																				
June 12-13	7.05 p. m.	5.30 a. m.	1.34	9.06 p. m.	9.49 p. m.	.13	.13	.19	.21	.23	.28	.45	.51	.67	.81					
Aug. 11-12	11.45 p. m.	5.15 a. m.	1.92	11.50 p. m. 3.85 a. m.	12.50 a. m. 4.28 a. m.	.01 1.07	.11 .08	.22 .20	.28 .36	.37 .56	.42 .66	.46 .72	.51	.59	.77	.84	1.01			
Sept. 9-10	7.25 p. m.	6.35 a. m.	2.34	3.46 a. m.	4.26 a. m.	1.06	.08	.15	.24	.40	.44	.48	.54	.62						
Valentine, Nebr.[1]																				
Sioux City, Iowa																				
May 26	6.15 p. m.	8.30 p. m.	1.18	7.04 p. m.	7.39 p. m.	.19	.09	.25	.35	.36	.40	.53	.62							
June 20	2.35 p. m.	3.40 p. m.	1.06	2.41 p. m.	2.53 p. m.	.01	.44	.88	.97											
July 8	12.10 a. m.	1.35 a. m.	.63	12.16 a. m.	12.38 a. m.	.01	.22	.42	.48	.56	.59									
Aug. 16-17	6.10 p. m.	4.00 a. m.	4.09	10.34 p. m. 1.14 a. m.	Midnight. 2.20 a. m.	.68 2.38	.12 .16	.25 .41	.33 .74	.33 .78	.37 .85	.49 .95	.60 1.01	.70 1.17	.81 1.22	.87 1.25	.92 1.51	1.40 1.67	1.61	
Pierre, S. Dak.:																				
May 12	4.10 p. m.	5.50 p. m.	.72	4.28 p. m.	5.01 p. m.	.07	.08	.23	.32	.43	.46	.51	.57							
July 4	12.15 a. m.	3.15 a. m.	1.04	1.10 a. m.	1.23 a. m.	.12	.13	.45	.54											
Aug. 13	8.30 p. m.	10.05 p. m.	.82	8.35 p. m.	8.58 p. m.	.01	.09	.19	.45	.63	.68									
Aug. 29	6.08 p. m.	7.55 p. m.	1.75	7.12 p. m.	7.41 p. m.	.22	.08	.14	.32	.86	1.38	1.52								
Huron, S. Dak.[1]																				
Yankton, S. Dak.:																				
May 26	D. N. a. m.	6.30 a. m.	2.55	4.09 a. m.	4.42 a. m.	.42	.22	.72	1.12	1.49	1.67	1.71	1.77							
July 4	4.45 p. m.	6.30 p. m.	.69	5.02 p. m.	5.22 p. m.	.01	.16	.28	.46	.54										
Aug. 6	4.30 p. m.	7.10 p. m.	.71	4.30 p. m.	4.53 p. m.	.00	.17	.30	.38	.49	.57									
Sept. 5	4.50 p. m.	5.30 p. m.	.59	4.55 p. m.	5.17 p. m.	.01	.13	.28	.39	.53	.57									
NORTHERN SLOPE.																				
Havre, Mont.[1]																				
Helena, Mont.[1]																				
Kalispell, Mont.:																				
June 30-July 1	4.50 p. m.	2.10 a. m.	1.24	6.46 p. m.	7.16 p. m.	.29	.07	.17	.32	.39	.44	.51								
Rapid City, S. Dak:																				
July 3	7.55 p. m.	Midnight.	1.04	8.20 p. m.	9.05 p. m.	.01	.07	.16	.27	.35	.43	.59	.68	.76	.85					
July 4	2.50 p. m.	3.40 p. m.	1.29	2.58 p. m.	3.36 p. m.	.01	.10	.25	.55	.80	1.04	1.16	1.24	1.28						
Cheyenne, Wyo.:																				
Aug. 18	5.35 p. m.	6.45 p. m.	.62	6.16 p. m.	6.39 p. m.	.07	.18	.40	.43	.47	.54									
Lander, Wyo.[1]																				
Sheridan, Wyo.:																				
July 2	7.52 p. m.	8.20 p. m.	.91	7.53 p. m.	8.08 p. m.	.01	.16	.64	.85											
Yellowstone Park, Wyo.[1]																				
North Platte, Nebr.:																				
July 18	1.15 a. m.	2.45 a. m.	1.04	2.06 a. m.	2.36 a. m.	.17	.21	.37	.43	.55	.79	.86								
July 26	12.05 a. m.	5.00 a. m.	.89	1.20 a. m.	1.35 a. m.	.13	.19	.41	.50											
MIDDLE SLOPE.																				
Denver, Colo.:																				
July 14	3.25 p. m.	6.30 p. m.	2.00	3.34 p. m.	4.05 p. m.	.01	.32	1.19	1.52	1.62	1.67	1.72								
Pueblo, Colo.:																				
July 30	6.03 p. m.	7.10 p. m.	.74	6.14 p. m.	6.34 p. m.	.05	.09	.35	.60	.65										
Aug. 20	5.32 p. m.	9.50 p. m.	.67	6.58 p. m.	7.18 p. m.	.02	.19	.38	.48	.54										
Concordia, Kans.:																				
Oct. 8	7.47 p. m.	9.52 p. m.	1.80	7.54 p. m. 9.05 p. m.	8.20 p. m. 9.18 p. m.	.02 1.10	.05 .18	.19 .51	.57 .69	.73	1.03	1.05								

[1] No excessive precipitation.

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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 SLOPE—continued.																				
Dodge City, Kans.:																				
June 8	7.20 p. m.	8.25 p. m.	0.67	7.38 p. m.	8.01 p. m.	0.10	0.11	0.18	0.34	0.48	0.52									
June 11	7.50 p. m.	8.30 p. m.	.56	8.00 p. m.	8.18 p. m.	.06	.16	.33	.40	.50										
June 11-12	9.10 p. m.	9.35 a. m.	2.34	11.55 p. m.	12.31 a. m.	1.06	.07	.18	.36	.51	.66	.85	.97	1.01						
June 22	9.30 a. m.	11.45 a. m.	1.43	10.15 a. m.	11.30 a. m.	.03	.08	.16	.28	.46	.70	.83	.85	.96	1.05	1.11	1.12	1.40		
Aug. 7	6.10 p. m.	8.45 p. m.	2.59	7.15 p. m.	8.33 p. m.	.08	.05	.10	.22	.38	.63	.86	1.09	1.27	1.36	1.50	1.86	2.47		
Aug. 14-15	10.10 p. m.	D. N. a. m.	1.17	10.14 p. m.	10.39 p. m.	.01	.09	.30	.40	.47	.55									
Wichita, Kans.:																				
Sept. 14	8.15 a. m.	12.45 p. m.	1.34	10.48 a. m.	11.41 a. m.	.36	.11	.31	.33	.36	.36	.36	.42	.52	.61	.77	.87			
Oklahoma, Okla.:																				
Apr. 27-28	11.45 p. m.	4.40 a. m.	1.00	2.24 a. m.	2.50 a. m.	.09	.12	.21	.35	.44	.52	.56								
May 9	7.30 p. m.	11.10 p. m.	1.37	8.07 p. m.	8.33 p. m.	.03	.07	.36	.54	.73	.81	.83								
June 16-17	7.22 p. m.	6.15 a. m.	1.75	10.31 p. m.	11.20 p. m.	.05	.07	.24	.42	.56	.70	.83	.93	1.13	1.23	1.27				
June 30-July 1	10.25 p. m.	10.00 a. m.	1.59	7.39 a. m.	8.14 a. m.	.11	.08	.31	.54	.70	.86	.99	1.07							
Aug. 8	D. N. a. m.	10.15 a. m.	2.19	2.13 a. m.	3.19 a. m.	.01	.09	.35	.62	.90	1.15	1.24	1.28	1.39	1.51	1.59	1.79	2.01		
SOUTHERN SLOPE.																				
Abilene, Tex.:																				
Apr. 19	5.42 p. m.	6.25 p. m.	.85	5.44 p. m.	6.00 p. m.	.02	.10	.39	.73	.77										
May 8	D. N. a. m.	D. N. a. m.	.77	2.05 a. m.	2.27 a. m.	.02	.15	.26	.45	.55	.59									
June 17	D. N. a. m.	D. N. a. m.	1.70	1.18 a. m.	2.05 a. m.	.01	.13	.18	.23	.41	.59	.83	1.08	1.20	1.34	1.39				
Aug. 9	8.35 a. m.	9.35 a. m.	.78	9.06 a. m.	9.23 a. m.	.09	.35	.66	.69											
Aug. 21-22	7.30 p. m.	D. N. a. m.	1.44	11.05 p. m.	11.39 p. m.	.28	.07	.16	.27	.41	.52	.59	.64							
Amarillo, Tex.:																				
July 17	1.50 p. m.	2.35 p. m.	1.03	1.53 p. m.	2.22 p. m.	.02	.14	.41	.58	.78	.92	.99								
Del Rio, Tex.:																				
June 1	5.15 a. m.	10.15 a. m.	2.03	5.18 a. m.	5.49 a. m.	.01	.32	.73	.99	1.22	1.35	1.52	1.56							
June 18	2.40 a. m.	11.45 a. m.	3.67	3.39 a. m.	4.30 a. m.	.34	.07	.14	.38	.58	.86	1.16	1.59	1.75	1.82	1.88	1.92			
Sept. 20-21	10.50 p. m.	3.45 a. m.	.64	10.53 p. m.	11.23 p. m.	.01	.08	.14	.21	.30	.40	.50								
Roswell, N. Mex.:																				
July 21	4.10 p. m.	7.45 p. m.	1.42	4.13 p. m.	4.30 p. m.	.01	.21	.47	.62	.66										
Aug. 30	12.55 p. m.	4.55 p. m.	1.69	1.36 p. m.	2.07 p. m.	.07	.16	.36	.73	1.06	1.30	1.43	1.48							
SOUTHERN PLATEAU.																				
El Paso, Tex.[1]																				
Santa Fe, N. Mex.[1]																				
Flagstaff, Ariz.[1]																				
Phoenix, Ariz.[1]																				
Yuma, Ariz.[1]																				
Independence, Cal.[1]																				
MIDDLE PLATEAU.																				
Reno, Nev.:																				
Aug. 2	1.19 p. m.	2.30 p. m.	.93	1.25 p. m.	1.48 p. m.	.01	.13	.43	.64	.76	.84									
Tonopah, Nev.[1]																				
Winnemucca, Nev.[1]																				
Modena, Utah[1]																				
Durango, Colo.:																				
July 22	3.39 p. m.	5.42 p. m.	1.21	3.42 p. m.	4.07 p. m.	.01	.13	.22	.55	.82	.92									
Grand Junction, Colo.[1]																				
NORTHERN PLATEAU.																				
Baker, Oreg.[1]																				
Boise, Idaho:																				
July 30-31	8.52 p. m.	1.20 a. m.	1.27	9.31 p. m.	10.38 p. m.	.01	.05	.14	.17	.26	.33	.41	.51	.58	.60	.62	.96	1.09		
Lewiston, Idaho.[1]																				
Pocatello, Idaho:																				
May 9	4.50 p. m.	6.10 p. m.	.58	5.02 p. m.	5.17 p. m.	.01	.14	.33	.51											
June 8	4.08 p. m.	6.25 p. m.	.86	4.50 p. m.	5.24 p. m.	.11	.10	.11	.16	.33	.43	.62	.68							
Spokane, Wash.[1]																				
Walla Walla, Wash.[1]																				
NORTH PACIFIC COAST REGION.																				
North Head, Wash.[1]																				
Port Crescent, Wash.[1]																				
Seattle, Wash.[1]																				
Tacoma, Wash.[1]																				
Portland, Oreg.[1]																				
Roseburg, Oreg.[1]																				
MIDDLE PACIFIC COAST REGION.																				
Eureka, Cal.[1]																				
Mount Tamalpais, Cal.[1]																				
Point Reyes Light, Cal.[1]																				
Red Bluff, Cal.:																				
Sept. 5-6	2.05 p. m.	1.39 p. m.	3.90	3.06 p. m.	3.51 p. m.	1.08	.07	.17	.25	.34	.45	.49	.59	.70	.76					
Sacramento, Cal.[1]																				

[1] No excessive precipitation.

Station and date.	Total duration.		Total amount of precipitation (inches).	Excessive rate.		Amount before excessive rate began (inches).	Accumulated amounts 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 PACIFIC COAST REGION—con.																				
San Francisco, Cal.:																				
Mar. 4–5	8.00 p. m.	10.00 p. m.	2.09	6.02 a. m.	6.25 a. m.	0.34	0.10	0.28	0.53	0.72	0.77									
San Jose, Cal.[1]																				
Southeast Farallon, Cal.[1]																				
SOUTH PACIFIC COAST REGION.																				
Fresno, Cal.[1]																				
Los Angeles, Cal.[1]																				
San Diego, Cal.:																				
Mar. 1	3.00 a. m.	5.25 a. m.	.74	3.58 a. m.	4.24 a. m.	.02	.20	.34	.40	.52	.59	0.61								
San Luis Obispo, Cal.[1]																				
ISLAND POSSESSIONS.																				
Honolulu, Hawaii[1]																				
San Juan, P. R.:																				
May 15	10.45 a. m.	12.10 p. m.	1.60	10.56 a. m.	11.41 a. m.	.04	.08	.19	.41	.59	.85	1.13	1.30	1.42	1.47					
Sept. 15	2.50 p. m.	8.50 p. m.	1.53	3.03 p. m.	3.40 p. m.	.02	.06	.17	.43	.72	1.00	1.22	1.31	1.36						
Oct. 2	6.15 p. m.	8.40 p. m.	1.03	6.21 p. m.	6.45 p. m.	.01	.17	.25	.47	.60	.66									
Oct. 8	12.35 a. m.	Noon.	1.96	1.24 a. m.	2.10 a. m.	.13	.11	.19	.27	.29	.32	.32	.45	.58	.69	0.74				

[1] No excessive precipitation.

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PART III.

MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR ONE HUNDRED AND NINETY-NINE STATIONS DURING 1912.

EXPLANATION OF THE TABLES.

For a 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 pattern, or a modified form thereof, are furnished each station. One of these, the "station barometer," is used in making all regular observations; the other, the "extra," is held in reserve for use in case of emergency, except that once each month five comparative readings are made on the two instruments for purpose 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:

(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 if any change has been made in the elevation of the barometer, to reduce the readings to the elevation adopted in 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.

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 homogenous 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.

The monthly mean pressures recorded in the annual summary tables have the corrections to the mean of 24-hourly observations applied to them.

It should be noted that the diurnal correction was not applied to the monthly mean 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 were given in a special table that appeared on pages 61 to 63 of the report for 1901–2. It will be understood that the monthly and annual means given in the special table are comparable with the series of 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 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, standard of time in local use. 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.

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. The total precipitation is determined from the amounts recorded daily, midnight to midnight, standard of time in local use.

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, from gages located on the roofs of tall buildings in which some of the regular stations of the Weather Bureau are located is undoubtedly larger than in the case at the cooperative stations, whose gages are located in the open country and near the ground, but this loss does not appear to be sufficient to make the monthly and annual sums derived from these two classes of stations wholly inconsistent with each other.

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 midnight to midnight, standard of time in local use.

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 observations can not be combined into a daily mean in the present state of our knowledge of the diurnal variations 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" cloudiness.

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 direction and velocity of the wind are recorded at nearly all the stations on what is known as the "triple register." On these instruments the direction of the wind is recorded 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, fell in the twenty-four hours, midnight to midnight, standard of time in local use.

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." 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.

Annual meteorological summary for the year ending December 31, 1912.

ABILENE, TEX.

[ϕ=32° 23′ N.; λ=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	28.273	28.711	27.804	30.5	44.3	54.2	26.4	40.3	81	2	23	24	75	48	0.132	0.139	T.	T.	3.7	3.8	4.8
February	28.207	28.750	27.736	36.5	48.3	56.3	31.9	44.1	81	10	27	26	68	46	.154	.154	1.16	0.78	3.5	5.5	4.4
March	28.205	28.578	27.777	41.8	54.6	59.5	38.5	49.0	90	24	38	37	85	56	.243	.235	1.40	.57	7.4	5.5	6.8
April	28.139	28.502	27.759	54.6	70.9	75.9	52.8	64.4	90	39	44	42	71	40	.315	.294	2.30	.86	5.1	5.5	5.6
May	28.105	28.405	27.766	64.1	81.9	86.2	61.3	73.8	102	47	53	47	69	34	.423	.343	1.80	.92	4.6	4.1	3.9
June	28.187	28.451	27.708	68.0	85.5	89.6	64.5	77.0	106	52	59	51	72	33	.499	.379	2.63	2.51	2.8	3.2	2.9
July	28.185	28.301	28.050	76.1	92.4	96.5	74.4	85.4	106	69	63	56	64	31	.577	.460	.30	.26	3.3	2.3	3.6
August	28.159	28.290	28.005	75.0	88.7	95.1	73.1	84.1	100	64	65	60	72	41	.617	.534	2.81	1.45	3.5	3.3	3.4
September	28.188	28.517	27.883	65.0	80.2	87.0	63.3	75.2	98	40	54	52	69	40	.448	.406	.18	.15	3.6	3.8	4.3
October	28.230	28.568	27.951	57.4	70.5	78.3	55.0	66.6	91	40	49	47	74	46	.368	.354	1.21	.47	4.7	3.4	4.2
November	28.355	28.729	28.003	43.4	57.2	66.6	41.2	53.9	82	28	34	33	69	42	.203	.193	.33	.33	2.7	2.0	3.0
December	28.305	28.724	27.868	37.4	45.9	53.0	33.7	43.4	69	25	29	29	73	54	.169	.163	1.31	.53	5.6	3.4	4.9
Year	28.212	28.750	27.708	54.2	68.4	74.8	51.3	63.1	106	2	45	42	72	43	.346	.304	15.43	2.51	4.2	3.8	4.3

ALBANY, N. Y.

[ϕ=42° 39′ N.; λ=73° 45′ W.]

Month.	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.
January	29.930	30.526	29.148	11.8	16.3	22.9	7.1	15.0	43	−16	7	11	80	78	0.068	0.074	1.10	0.46	6.0	4.8	5.4
February	29.848	30.388	28.818	15.5	22.3	29.3	11.6	20.4	50	−12	11	16	82	76	.078	.096	1.56	.75	6.9	3.7	4.8
March	30.030	30.607	29.190	25.9	32.3	38.5	22.0	30.2	58	3	21	25	80	74	.119	.145	3.71	1.40	4.5	5.0	4.5
April	29.884	30.457	29.314	42.0	47.2	54.9	36.7	45.8	76	24	35	36	76	68	.212	.225	3.31	.78	6.3	5.1	5.6
May	29.835	30.166	29.443	56.5	60.5	69.1	50.0	59.6	85	38	48	48	75	67	.348	.348	4.48	1.64	5.7	6.7	5.4
June	29.891	30.245	29.628	62.6	68.9	76.5	55.0	65.8	89	41	53	55	71	62	.414	.445	.98	.58	1.8	4.0	3.4
July	29.871	30.245	29.453	68.9	75.8	83.8	62.5	73.2	98	48	59	58	71	56	.516	.513	3.13	.75	3.7	4.2	4.0
August	29.834	30.202	29.437	63.6	68.9	76.9	59.0	68.0	88	43	56	56	77	65	.466	.466	3.00	.84	5.8	4.9	4.7
September	29.952	30.305	29.675	59.4	63.6	70.9	55.4	63.2	83	36	54	55	83	76	.438	.456	3.01	.70	6.0	4.9	6.1
October	29.940	30.302	29.558	48.7	53.7	62.9	44.2	53.6	78	34	43	44	81	70	.291	.293	3.37	2.20	4.2	4.0	4.5
November	29.879	30.394	29.300	39.0	42.2	49.0	34.3	41.6	66	21	33	33	78	70	.193	.199	2.08	1.02	6.0	4.2	5.8
December	29.894	30.531	29.236	31.1	35.9	41.1	27.3	34.2	64	10	26	26	81	67	.145	.146	2.39	.82	5.9	5.5	6.6
Year	29.899	30.607	28.818	43.8	49.0	56.3	38.8	47.6	98	−16	37	39	78	69	.274	.284	32.12	2.20	5.2	4.8	5.1

ALPENA, MICH.

[ϕ=45° 05′ N.; λ=83° 30′ W.]

Month.	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.
January	29.338	29.879	28.642	4.1	8.4	14.9	0.1	7.5	26	−13	2	6	89	86	0.046	0.055	0.68	0.24	6.2	5.7	6.3
February	29.294	29.855	28.724	10.0	15.9	21.7	5.3	13.5	46	−23	8	13	88	86	.070	.084	1.24	.55	7.0	5.9	6.5
March	29.490	30.071	29.001	15.7	23.8	30.5	10.8	20.6	51	− 6	12	17	84	74	.082	.095	.23	.10	4.0	3.6	4.6
April	29.296	29.718	28.730	35.9	39.8	48.4	30.3	39.4	69	15	30	34	80	79	.174	.202	2.29	1.05	5.8	5.0	5.8
May	29.265	29.602	28.817	49.5	52.4	60.0	42.6	51.3	82	32	45	48	85	87	.304	.352	4.79	1.04	5.9	5.4	6.0
June	29.361	29.757	28.803	58.2	61.6	71.3	48.9	60.1	91	40	50	53	74	75	.362	.418	.69	.17	3.5	3.6	3.9
July	29.358	29.675	29.018	63.9	66.5	73.1	56.7	64.9	86	43	58	59	82	78	.502	.528	2.57	.73	4.9	4.2	4.8
August	29.291	29.618	28.789	58.1	61.3	68.5	53.4	61.0	86	44	55	56	89	82	.439	.454	5.12	2.12	7.4	6.1	6.3
September	29.361	29.752	29.059	55.9	60.7	69.0	51.9	60.4	94	31	53	55	89	83	.417	.462	3.41	.66	5.7	5.3	5.8
October	29.344	29.794	28.827	43.6	49.8	58.8	40.2	49.5	83	31	40	42	86	76	.252	.281	1.72	.63	4.9	3.9	5.1
November	29.287	29.744	28.815	32.9	36.4	41.6	28.9	35.2	60	13	29	31	86	82	.165	.179	3.22	1.17	7.0	7.2	7.3
December	29.202	29.559	28.703	28.3	29.5	35.7	23.9	29.8	52	7	24	23	84	76	.134	.128	1.07	.43	8.5	8.0	8.1
Year	29.324	30.071	28.642	38.0	42.2	49.5	32.8	41.1	94	−23	34	36	85	80	.246	.270	27.03	2.12	5.9	5.3	5.9

AMARILLO, TEX.

[ϕ=35° 13′ N.; λ=101° 50′ W.]

Month.	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.
January	26.262	26.619	25.728	22.7	34.2	43.8	18.6	31.2	75	−11	18	22	81	63	0.104	0.128	T.	T.	4.7	4.5	3.4
February	26.235	26.629	25.795	27.5	39.1	46.9	24.2	35.6	72	6	23	26	81	62	.125	.145	1.94	1.03	5.2	5.3	3.8
March	26.227	26.582	25.750	31.4	43.8	51.7	26.9	39.3	81	13	26	30	81	64	.143	.166	.82	.30	6.3	5.4	4.7
April	26.194	26.559	25.774	43.2	62.5	68.5	40.8	54.6	89	31	36	31	75	36	.214	.180	.72	.35	4.1	4.2	3.1
May	26.198	26.515	25.875	55.1	73.8	80.8	52.3	66.6	95	38	44	40	69	35	.300	.256	1.67	.69	3.8	4.8	3.4
June	26.312	26.560	25.867	59.5	77.5	84.3	56.6	70.4	95	41	52	51	78	44	.398	.384	1.90	1.25	4.4	4.7	3.7
July	26.312	26.480	26.108	68.4	84.6	92.5	66.0	79.2	99	60	59	56	72	42	.497	.467	1.88	1.03	4.4	5.5	3.3
August	26.282	26.424	26.111	65.7	82.5	88.8	64.1	76.4	97	55	60	59	82	47	.518	.502	2.28	.90	5.4	5.5	3.3
September	26.308	26.615	25.918	54.9	67.9	76.0	53.2	64.6	92	36	49	51	82	58	.370	.387	2.28	1.54	5.2	5.1	3.8
October	26.314	26.684	26.019	47.1	61.9	71.5	45.0	58.2	83	28	41	41	80	50	.274	.269	.39	.25	4.9	2.8	3.4
November	26.381	26.817	26.005	34.4	50.4	61.9	31.9	46.9	78	13	27	28	74	45	.149	.158	.02	.02	3.5	1.5	2.8
December	26.302	26.689	25.813	25.8	35.8	45.3	21.8	33.6	66	9	22	24	83	63	.116	.129	1.18	.70	3.9	2.6	3.4
Year	26.277	26.817	25.728	44.6	59.5	67.7	41.8	54.7	99	−11	38	38	78	51	.267	.264	15.08	1.54	4.6	4.3	3.5

Annual meteorological summary for the year ending December 31, 1912—Continued.

ABILENE, TEX.

[H=1,738 ft.; h_t=10 ft.; h_r=3 ft.; h_a=52 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	10.1	N.	44	SW.	1	18	5	2	5	17	8	4	3	0	14	5	12	0	0	2	0	0	0	2	0	21	0	0
February	11.3	N.	61	W.	3	14	2	5	8	8	8	5	8	0	12	11	6	5	2	1	1	1	0	1	0	15	1	0
March	12.8	S.	38	SW.	0	11	5	5	11	14	8	1	7	0	7	6	18	7	6	4	0	1	0	1	1	10	2	0
April	12.6	S.	39	S.	0	5	5	4	8	21	6	7	4	0	10	5	15	7	6	0	0	2	0	0	1	0	7	0
May	13.1	S.	34	S.	0	2	5	5	7	27	8	2	6	0	15	12	4	5	5	0	0	1	0	0	13	0	6	0
June	9.7	SE.	32	SW.	0	3	8	9	17	11	9	0	1	2	19	6	5	3	3	0	0	0	0	0	16	0	2	0
July	10.5	S.	32	SW.	0	1	1	7	17	33	3	0	0	0	17	9	5	2	2	0	0	0	0	0	30	0	4	0
August	10.3	S.	26	S.	0	2	3	3	19	31	2	0	2	0	18	12	1	7	6	0	0	0	0	0	29	0	7	0
September	9.7	S.	31	SE.	0	8	9	5	13	19	4	2	0	0	12	13	5	3	1	0	0	0	0	0	16	0	3	0
October	9.8	S.	34	SW.	0	11	7	1	13	18	4	6	2	0	15	10	6	4	4	0	0	0	1	0	4	0	4	0
November	9.9	S.	39	S.	0	6	4	3	7	25	5	4	6	0	20	4	6	2	1	0	0	0	0	0	0	5	0	0
December	10.1	SW.	32	W.	0	13	4	2	3	12	13	8	7	0	15	5	11	6	3	2	1	0	0	0	0	14	1	0
Year	10.8	S.	61	W.	4	94	58	51	128	236	78	39	46	2	174	98	94	51	39	9	2	5	1	4	110	65	37	0

ALBANY, N. Y.

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

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.9	NW.	27	SW.	0	8	11	1	5	10	3	7	17	0	10	11	10	11	6	18	10	0	2	26	0	31	1	0
February	7.4	NW.	36	SE.	0	10	13	2	1	11	1	6	14	0	11	12	6	6	5	11	2	0	2	17	0	29	1	0
March	8.9	NW.	32	S.	0	12	5	1	3	10	5	3	23	0	16	8	7	10	9	9	5	0	3	9	0	27	0	0
April	9.1	NW.	36	SE.	0	7	7	1	1	15	7	5	17	0	9	10	11	17	13	5	3	0	1	0	0	8	4	0
May	8.4	S.	33	S.	0	6	8	1	3	23	4	6	11	0	10	10	11	15	11	0	0	2	0	0	0	0	9	0
June	7.9	S.	25	S.	0	6	4	0	3	13	10	7	17	0	20	8	2	7	2	0	0	0	0	0	0	0	3	0
July	7.1	S.	40	SW.	1	7	1	2	2	26	7	6	11	0	17	9	5	10	7	0	0	0	0	0	8	0	7	0
August	6.3	S.	24	SE.	0	7	3	3	7	18	10	4	10	0	9	19	3	11	9	0	0	0	1	0	0	0	2	0
September	6.5	S.	29	S.	0	3	6	2	10	22	6	4	7	0	8	9	13	16	12	0	0	0	2	0	0	0	5	0
October	7.2	S.	26	S.	0	6	2	1	5	23	7	1	17	0	14	7	10	9	6	0	0	0	3	0	0	0	0	0
November	7.5	S.	29	SE.	0	3	2	4	3	21	7	8	12	0	13	5	12	7	6	5	2	1	1	0	0	12	1	0
December	8.3	S.	34	S.	0	4	2	3	2	32	3	6	10	0	7	9	15	10	9	10	4	0	2	3	0	23	0	0
Year	7.7	S.	40	SW.	1	79	64	21	45	224	70	63	166	0	144	117	105	129	95	58	26	3	17	55	8	130	33	0

ALPENA, MICH.

[H=609 ft.; h_t=13 ft.; h_r=4 ft.; h_a=92 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.1	W.	42	SE.	1	2	1	2	0	5	14	19	18	1	6	15	10	12	5	22	12	0	0	31	0	31	0	0
February	10.6	NW.	40	E.	1	1	2	3	2	8	10	15	16	1	3	16	10	11	5	20	9	0	0	21	0	29	0	0
March	10.7	NW.	36	W.	0	6	4	3	5	10	10	8	16	0	14	9	8	4	3	11	4	0	0	18	0	30	0	0
April	13.0	NW.	48	SW.	3	4	4	7	13	4	5	5	18	0	5	18	7	11	7	7	3	0	2	1	0	15	3	0
May	11.6	SE.	44	SW.	1	8	9	8	11	6	6	3	11	0	5	16	10	15	12	1	1	0	3	0	0	1	7	0
June	10.2	NW.	35	W.	0	6	3	5	11	4	11	8	12	0	13	15	2	8	8	0	0	0	0	0	1	0	2	1
July	9.9	SE.	38	NW.	0	5	3	6	14	9	5	6	14	0	8	17	6	9	9	0	0	0	0	0	0	0	7	0
August	9.5	NW.	33	NW.	0	7	5	4	16	6	4	4	16	0	4	14	13	12	12	0	0	0	1	0	0	0	5	1
September	8.9	SE.	42	NW.	1	7	4	4	10	8	8	13	6	0	4	18	8	15	11	0	0	1	1	0	2	1	6	0
October	11.8	SW.	37	SW.	0	5	2	3	3	5	20	9	15	0	10	12	9	10	7	1	0	0	1	0	0	3	1	0
November	12.4	SW.	42	SE.	1	6	6	1	3	8	12	14	10	0	2	11	17	13	9	8	7	0	0	6	0	21	0	0
December	12.5	SW.	42	W.	1	1	0	4	2	13	19	12	11	0	1	10	20	13	8	18	12	0	5	10	0	28	0	0
Year	11.0	NW.	48	SW.	9	58	43	50	90	86	124	116	163	2	75	171	120	133	96	88	48	1	13	87	3	159	31	2

AMARILLO, TEX.

[H=3,676 ft.; h_t=10 ft.; h_r=3 ft.; h_a=49 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.1	N.	37	N.	0	13	9	0	0	3	15	7	15	0	18	13	0	0	0	6	0	0	1	6	0	27	0	0
February	11.4	NW.	44	NE.	3	11	8	1	4	5	10	10	9	0	17	8	4	7	6	6	3	1	1	3	0	24	1	0
March	13.5	N.	39	S.	0	15	12	2	6	8	13	4	2	0	14	10	7	11	3	7	6	1	6	4	0	23	1	0
April	13.9	SW.	45	N.	3	6	2	6	6	6	19	11	4	0	20	9	1	9	6	2	1	1	0	0	0	3	2	0
May	12.2	SW.	40	N.	2	7	3	3	10	5	23	7	4	0	21	8	2	6	5	0	0	1	1	0	8	0	4	0
June	10.8	SW.	31	NE.	0	4	5	5	8	15	16	5	2	0	18	11	1	12	6	0	0	0	0	0	7	0	6	0
July	11.5	SW.	38	SW.	0	1	5	3	9	9	29	4	2	0	22	9	0	9	7	0	0	0	0	0	24	0	9	0
August	11.3	SW.	40	NW.	1	0	9	0	5	9	36	2	1	0	21	9	1	7	7	0	0	0	0	0	16	0	5	0
September	11.9	SW.	40	N.	1	5	15	1	4	7	25	2	1	0	16	12	2	6	6	0	0	0	1	0	4	0	7	0
October	11.3	SW.	32	SW.	0	10	6	4	5	8	22	3	4	0	20	9	2	4	3	1	1	1	0	0	0	2	1	0
November	12.4	SW.	42	SW.	2	6	8	1	3	7	17	10	8	0	24	5	1	1	0	2	1	0	0	0	0	13	0	0
December	11.2	SW.	37	SW.	0	7	9	2	2	3	17	7	15	0	22	7	2	4	4	3	3	0	1	2	0	29	0	0
Year	11.9	SW.	45	N.	12	85	91	28	62	85	242	72	67	0	233	110	23	76	53	27	15	5	11	15	59	121	36	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

ANNISTON, ALA.

[ϕ=33° 39′ N.; λ= 85° 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	29.335	29.629	28.923	33.3	38.8	47.9	28.7	38.3	72	9	27	....	77	....	0.160	.....	5.99	2.73	7.0	4.2	6.1
February	29.232	29.556	28.514	34.6	43.0	52.1	30.8	41.4	68	11	29	....	80	....	.182	.....	4.92	1.28	5.1	4.5	4.8
March	29.320	29.700	28.832	45.3	52.4	60.8	42.1	51.4	81	28	40	....	82	....	.259	.....	9.64	2.67	7.5	5.9	6.5
April	29.286	29.652	28.926	57.7	64.8	73.2	52.1	62.6	82	39	52	....	81	....	.400	.....	8.35	1.39	6.5	5.3	5.7
May	29.223	29.541	29.010	65.7	71.6	81.6	57.7	69.6	91	43	58	....	78	....	.501	.....	3.62	1.48	3.8	4.2	4.3
June	29.282	29.474	29.045	70.2	74.4	83.3	64.6	74.0	91	55	63	....	78	....	.585	.....	5.63	2.56	6.1	5.6	6.1
July	29.301	29.507	29.145	74.0	77.7	87.2	68.5	77.8	95	60	69	....	85	....	.711	.....	4.23	1.36	5.0	5.9	5.9
August	29.282	29.456	29.120	72.3	76.1	87.2	67.5	77.4	94	60	68	....	86	....	.686	.....	2.74	1.03	6.0	5.3	5.9
September	29.237	29.419	29.110	70.7	74.5	85.5	66.1	75.8	96	53	66	....	86	....	.645	.....	3.73	2.04	5.2	3.8	5.3
October	29.317	29.529	29.117	57.4	62.3	74.9	53.9	64.4	88	37	53	....	85	....	.417	.....	2.60	1.18	4.0	3.6	4.5
November	29.426	29.683	29.085	37.6	45.7	61.8	34.1	48.0	76	22	34	....	86	....	.209	.....	.86	.33	2.5	2.5	3.0
December	29.366	29.691	29.039	41.5	45.4	53.6	37.7	45.6	70	23	36	....	80	....	.234	.....	5.41	1.17	6.1	5.2	6.7
Year	29.301	29.700	28.514	55.0	60.6	70.8	50.3	60.5	96	9	50	....	82	....	.416	.....	57.72	2.73	5.4	4.7	5.4

ASHEVILLE, N. C.

[ϕ=35° 36′ N.; λ=82° 32′ W.]

January	27.666	27.944	27.209	27.4	32.8	40.7	22.1	31.4	56	0	21	23	76	66	0.123	0.133	1.10	0.48	6.3	3.9	5.3
February	27.592	27.901	26.810	27.7	35.4	43.1	24.1	33.6	68	3	24	26	84	69	.136	.147	2.86	.91	6.1	4.4	5.1
March	27.720	28.078	27.215	39.7	46.6	55.1	35.2	45.2	79	20	34	36	82	67	.213	.218	4.70	1.64	6.5	5.5	5.6
April	27.727	28.074	27.336	51.0	59.0	66.3	45.5	55.9	76	30	45	46	81	65	.318	.332	4.17	1.02	6.0	5.3	5.5
May	27.692	27.986	27.359	57.5	65.8	74.0	52.4	63.2	83	39	52	53	82	65	.396	.410	2.94	.94	4.4	5.1	4.7
June	27.763	28.024	27.414	62.5	68.4	77.2	56.8	67.0	90	43	58	58	85	72	.487	.502	4.02	1.16	5.1	7.1	6.2
July	27.789	28.000	27.526	67.5	71.9	80.5	63.5	72.0	87	55	64	65	88	79	.595	.611	4.64	1.47	6.1	6.2	6.3
August	27.754	27.910	27.490	63.6	70.8	80.0	60.0	70.0	87	51	61	62	91	75	.537	.565	1.88	.62	5.9	5.4	5.8
September	27.752	27.953	27.588	63.4	69.1	77.7	60.1	68.9	87	44	60	60	89	74	.524	.528	3.51	1.76	5.5	5.3	5.5
October	27.790	28.045	27.624	48.8	59.5	69.3	46.0	57.6	82	33	46	49	90	70	.321	.363	1.54	.87	3.8	3.7	3.7
November	27.794	28.082	27.388	35.4	46.4	54.9	31.3	43.1	75	12	28	31	74	55	.169	.181	2.00	1.41	3.5	3.5	3.6
December	27.744	28.095	27.382	34.7	41.7	49.2	30.6	39.9	66	14	29	28	78	59	.179	.173	.90	.31	6.4	5.3	5.9
Year	27.732	28.095	26.810	48.3	55.6	64.0	44.0	54.0	90	0	44	45	83	68	.333	.347	34.26	1.76	5.5	5.1	5.3

ATLANTA, GA.

[ϕ=33° 45′ N.; λ=84° 23′ W.]

January	28.845	29.134	28.416	33.2	40.1	45.2	30.0	37.6	70	6	24	29	70	67	0.141	0.175	4.87	2.32	6.9	4.0	6.0
February	28.749	29.031	28.117	34.4	43.7	48.8	31.3	40.0	67	10	28	33	78	68	.172	.202	5.53	2.30	6.4	3.0	5.1
March	28.859	29.221	28.368	44.9	52.3	58.2	41.6	49.9	78	26	38	41	78	69	.242	.274	10.44	5.52	7.2	5.2	6.2
April	28.843	29.178	28.463	57.4	65.6	71.0	52.8	61.9	80	39	49	56	77	72	.377	.458	6.65	1.57	6.6	5.7	6.5
May	28.781	29.071	28.529	65.5	72.5	78.9	61.4	70.2	88	47	60	62	83	73	.529	.569	4.37	1.58	5.1	4.6	5.2
June	28.838	29.052	28.536	68.7	73.6	81.3	64.2	72.8	89	54	62	65	81	75	.575	.621	11.21	3.93	6.1	5.3	5.9
July	28.860	29.083	28.636	72.4	76.9	85.2	69.1	77.2	93	66	68	69	86	77	.686	.701	4.66	.78	7.0	6.6	6.8
August	28.836	29.008	28.620	71.3	78.3	85.2	68.6	76.9	91	60	67	67	86	69	.662	.662	3.70	1.52	6.6	5.5	5.4
September	28.798	28.979	28.616	70.2	76.0	82.8	67.8	75.3	93	58	66	66	86	74	.638	.644	3.52	1.27	6.3	5.4	6.2
October	28.865	29.106	28.690	58.0	66.1	72.3	55.8	64.0	84	37	53	55	83	69	.419	.450	4.62	2.76	5.3	3.8	5.3
November	28.940	29.206	28.544	44.3	52.5	59.3	40.8	50.0	73	26	32	34	64	53	.200	.213	1.05	.64	2.5	2.8	3.1
December	28.891	29.192	28.552	42.2	47.3	52.3	39.3	45.8	68	27	35	38	76	71	.231	.250	3.47	.84	7.0	5.9	7.5
Year	28.842	29.221	28.117	55.2	62.1	68.4	51.9	60.1	93	6	48	51	79	70	.406	.435	64.09	5.52	6.1	4.8	5.8

ATLANTIC CITY, N. J.

[ϕ=39° 22′ N.; λ=74° 25′ W.]

January	30.009	30.499	29.377	22.0	26.3	33.7	17.8	25.8	56	−1	17	18	81	70	0.104	0.106	3.92	1.46	6.1	5.6	6.0
February	29.926	30.414	29.126	24.9	30.3	37.6	22.3	30.0	59	4	19	20	76	65	.110	.120	2.28	1.53	4.8	3.9	4.4
March	30.073	30.616	29.304	35.2	38.2	44.0	31.5	37.8	64	17	30	32	82	78	.183	.190	6.97	2.14	5.2	6.2	5.7
April	29.975	30.580	29.165	47.2	47.4	54.5	42.4	48.4	63	28	40	43	77	84	.252	.278	2.59	.55	5.5	5.8	6.1
May	29.931	30.219	29.563	57.3	58.4	65.4	52.3	58.8	80	39	52	52	82	80	.389	.391	3.08	1.40	4.9	5.8	4.7
June	29.985	30.354	29.766	66.1	65.7	74.0	60.9	67.4	89	48	58	58	78	78	.506	.494	3.61	1.74	6.5	6.2	5.9
July	29.976	30.345	29.551	71.3	71.2	78.2	65.7	72.0	85	55	64	65	79	81	.615	.621	5.91	2.55	4.3	5.4	3.8
August	29.925	30.202	29.564	70.6	71.4	78.4	64.8	71.6	90	53	64	63	79	76	.601	.590	3.21	1.96	5.8	5.5	5.4
September	30.014	30.324	29.767	67.0	67.9	73.5	63.3	68.4	91	42	61	61	81	78	.546	.549	4.14	1.87	5.1	4.5	5.1
October	30.028	30.375	29.599	56.6	60.1	65.8	52.1	59.0	80	37	51	52	81	77	.386	.411	1.72	1.41	4.5	3.3	4.2
November	30.010	30.504	29.519	45.2	48.3	54.9	40.6	47.8	75	22	38	38	75	67	.240	.246	2.86	1.82	4.7	3.4	4.4
December	30.025	30.562	29.443	38.0	41.4	48.7	34.0	41.4	67	19	34	34	84	77	.204	.213	4.23	1.00	5.2	4.3	5.4
Year	29.990	30.616	29.126	50.1	52.2	59.1	45.6	52.4	91	−1	44	45	80	76	.345	.351	44.52	2.55	5.2	5.0	5.1

Annual meteorological summary for the year ending December 31, 1912—Continued.

ANNISTON, ALA.

[H=741 ft.; h_t=9 ft.; h_r=3 ft.; h_a=57 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	6.7	NW.	28	SE.	0	4	0	2	9	5	6	8	23	5	9	8	14	11	8	5	2	0	1	2	0	20	2	0
February	7.2	NW.	34	SE.	0	2	2	4	7	8	3	14	17	1	13	6	10	11	8	4	1	0	0	1	0	16	2	0
March	7.5	NW.	30	E.	0	4	2	9	15	7	4	4	14	3	9	5	17	13	11	0	0	0	0	0	0	4	1	0
April	6.7	SE.	32	NE.	0	8	1	3	16	11	6	3	9	3	10	8	12	13	13	0	0	0	1	0	0	0	9	0
May	4.7	NW.	28	S.	0	6	1	5	13	7	6	6	14	4	14	11	6	7	5	0	0	0	1	0	3	0	7	0
June	5.3	E.	29	W.	0	5	5	16	11	4	9	4	4	2	4	17	9	13	10	0	0	0	0	0	1	0	12	0
July	4.4	SE.	28	N.	0	2	4	9	15	10	5	7	8	2	4	18	9	17	12	0	0	0	1	0	8	0	14	0
August	3.9	S.	33	W.	0	6	1	7	13	16	5	3	7	4	7	14	10	12	8	0	0	0	0	0	11	0	13	0
September	4.8	NW.	26	SE.	0	9	9	12	9	4	3	0	12	2	12	9	9	9	8	0	0	0	1	0	10	0	4	0
October	5.0	SE.	18	NW.	0	10	0	6	16	6	0	2	13	9	14	8	9	8	5	0	0	0	0	0	0	0	1	0
November	4.8	NW.	23	NW.	0	6	2	5	5	9	2	2	20	9	19	5	6	5	5	1	1	0	0	0	0	15	0	0
December	5.6	NW.	39	E.	0	6	0	4	15	12	1	2	18	4	8	6	17	15	14	0	0	0	0	0	0	12	0	0
Year	5.6	NW.	39	E.	0	68	27	82	144	99	50	55	159	48	123	115	128	134	107	10	4	0	5	3	33	67	65	0

ASHEVILLE, N. C.

[H=2,255 ft.; h_t=70 ft.; h_r=61 ft.; h_a=84 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.6	NW.	37	NW.	0	15	0	2	14	4	2	1	24	0	11	10	10	12	8	11	6	0	0	8	0	27	0	0
February	9.9	NW.	42	SE.	1	16	1	1	10	6	3	3	18	0	10	10	9	13	12	13	7	0	1	5	0	25	1	0
March	10.3	SE.	28	N.	0	11	0	2	18	10	0	1	20	0	11	8	12	14	11	6	3	0	0	0	0	14	0	0
April	10.4	SE.	35	S.	0	9	0	0	19	14	2	2	13	1	11	6	13	11	9	0	0	0	0	0	0	2	6	0
May	7.7	SE.	34	NW.	0	15	0	5	18	11	0	4	8	1	12	10	9	11	8	0	0	0	1	0	0	0	2	0
June	6.2	SE.	33	E.	0	11	0	5	18	10	1	0	15	0	4	15	11	15	10	0	0	0	0	0	1	0	10	0
July	6.5	SE.	29	SE.	0	6	0	8	21	5	0	1	21	0	7	12	12	18	14	0	0	0	1	0	0	0	14	0
August	5.3	NW.	31	NW.	0	10	3	5	14	4	2	4	19	1	6	17	8	13	8	0	0	0	9	0	0	0	12	0
September	6.4	NW.	28	N.	0	9	2	8	15	3	1	4	17	1	9	12	9	11	8	0	0	0	3	0	0	0	8	0
October	6.9	NW.	30	NW.	0	8	0	5	15	7	1	3	22	1	18	5	8	7	4	0	0	0	4	0	0	0	0	0
November	8.5	NW.	29	NW.	0	16	0	1	10	2	1	3	26	1	18	5	7	5	4	4	2	0	0	1	0	19	0	0
December	9.2	NW.	30	NW.	0	12	1	1	13	9	2	0	24	0	11	7	13	8	6	6	1	0	0	0	0	19	0	0
Year	8.2	NW.	42	SE.	1	138	7	43	185	85	15	26	227	6	128	117	121	138	102	40	19	0	19	14	1	106	53	0

ATLANTA, GA.

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

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	12.7	W.	36	W.	0	1	8	10	4	1	11	24	3	0	9	9	13	12	11	7	4	0	3	4	0	16	0	0
February	12.1	W.	40	W.	1	1	7	5	6	1	9	27	2	0	13	6	10	12	10	5	3	0	1	1	0	15	1	0
March	12.0	W.	37	W.	0	1	14	9	7	3	6	20	2	0	10	5	16	12	11	0	0	0	2	0	0	4	2	0
April	11.8	SE.	48	SE.	2	0	3	9	19	3	3	16	7	0	9	5	16	13	10	0	0	1	0	0	0	0	6	0
May	10.0	W.	38	SW.	0	1	12	10	7	1	5	22	3	1	12	8	11	10	10	0	0	0	0	0	0	0	8	0
June	10.1	NE.	48	NE.	2	3	13	12	7	1	12	7	5	0	7	10	13	12	10	0	0	1	0	0	0	0	9	0
July	9.0	E.	44	W.	1	1	9	12	12	7	6	10	5	0	7	4	20	18	11	0	0	0	0	0	5	0	16	0
August	8.4	SW.	37	W.	0	1	6	6	6	9	16	14	3	1	8	14	9	9	7	0	0	0	1	0	3	0	10	0
September	8.9	NE.	32	W.	0	4	12	19	4	0	2	8	11	0	10	5	15	13	10	0	0	0	0	0	5	0	3	0
October	9.6	E.	34	W.	0	2	16	16	9	1	0	11	7	0	12	9	10	8	7	0	0	0	2	0	0	0	1	0
November	12.7	W.	37	W.	0	2	4	7	6	0	8	27	6	0	21	2	7	5	4	1	1	0	0	0	0	5	0	0
December	11.2	W.	48	W.	2	1	7	8	8	2	13	21	2	0	5	6	20	16	12	0	0	0	6	0	0	8	0	0
Year	10.7	W.	48	W.	8	18	111	123	95	29	91	207	56	2	123	83	160	140	113	13	8	2	15	5	13	48	56	0

ATLANTIC CITY, N. J.

[H=52 ft.; h_t=37 ft.; h_r=33 ft.; h_a=48 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.3	NW.	30	W.	0	15	7	2	1	1	8	9	19	0	8	10	13	13	12	11	6	0	0	14	0	29	0	0
February	9.2	NW.	44	S.	2	8	6	1	1	2	7	15	18	0	13	8	8	8	6	5	2	0	0	9	0	24	2	0
March	9.3	NE.	42	S.	2	10	11	4	6	5	10	4	12	0	10	9	12	17	12	6	6	0	4	3	0	17	2	0
April	9.7	SW.	34	NW.	0	2	12	4	2	5	19	3	13	0	8	8	14	13	12	0	0	0	1	0	0	2	5	0
May	8.8	SW.	26	S.	0	4	10	3	5	8	19	5	8	0	12	10	9	10	6	0	0	0	4	0	0	0	3	0
June	7.4	SW.	26	S.	0	6	5	6	2	11	20	6	4	0	8	11	11	10	7	0	0	0	0	0	0	0	4	0
July	7.4	SW.	38	NW.	0	4	4	1	2	14	21	6	10	0	16	9	6	9	7	0	0	0	0	0	0	0	9	0
August	7.0	S.	22	S.	0	8	1	1	4	11	16	7	14	0	7	16	8	8	4	0	0	0	0	0	1	0	3	0
September	8.1	S.	28	S.	0	6	8	8	7	8	11	4	8	0	12	8	10	11	8	0	0	0	1	0	2	0	3	0
October	7.4	SW.	29	S.	0	10	2	4	7	4	17	12	6	0	17	6	8	4	3	0	0	0	0	0	0	0	2	0
November	8.7	NW.	37	S.	0	4	0	1	1	5	11	22	16	0	14	6	10	4	4	1	1	0	0	0	0	5	0	0
December	8.3	W.	38	S.	0	1	3	3	1	7	15	16	16	0	12	8	11	11	10	2	2	0	2	0	0	12	0	0
Year	8.4	SW.	44	S.	4	78	69	38	39	81	174	109	144	0	137	109	120	118	91	25	17	0	12	26	3	89	33	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

AUGUSTA, GA.

[ϕ=33° 28′ N.; λ=81° 54′ 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	29.920	30.210	29.534	35.4	43.4	50.5	33.5	42.0	72	15	30	32	82	65	0.179	0.192	4.54	2.16	6.4	4.0	5.7
February	29.817	30.151	29.232	36.6	46.9	54.0	34.1	44.0	75	19	32	35	84	64	.195	.215	6.05	1.85	5.1	3.9	5.1
March	29.915	30.354	29.449	48.1	57.3	63.9	44.9	54.4	84	32	43	46	82	70	.295	.332	6.83	1.94	6.7	5.0	5.9
April	29.891	30.266	29.495	60.2	68.7	74.9	56.4	65.6	85	43	55	54	83	62	.448	.433	5.60	1.78	6.3	5.7	5.7
May	29.798	30.134	29.545	69.2	75.5	82.9	64.1	73.5	96	54	62	61	78	63	.563	.543	4.60	1.40	4.7	5.1	4.8
June	29.855	30.093	29.483	72.6	77.1	84.7	66.8	75.8	95	57	65	64	78	66	.628	.606	8.43	2.35	5.9	7.6	6.2
July	29.868	30.115	29.536	76.0	80.3	88.8	72.0	80.4	96	69	70	70	83	72	.747	.725	5.57	2.64	6.1	6.4	5.4
August	29.841	30.025	29.615	74.4	79.7	89.0	71.0	80.0	98	65	70	69	86	72	.728	.717	6.14	2.24	5.6	5.7	5.5
September	29.815	30.049	29.651	73.4	77.0	85.9	70.4	78.2	98	60	70	69	89	78	.736	.717	4.37	1.38	6.7	5.3	5.9
October	29.895	30.158	29.688	58.8	66.1	75.9	55.6	65.8	86	40	55	58	88	76	.452	.495	2.16	1.84	4.0	3.5	4.4
November	29.981	30.323	29.485	42.5	54.2	65.1	40.5	52.8	78	28	39	42	89	64	.257	.274	3.54	2.84	2.5	2.0	2.5
December	29.958	30.329	29.611	44.6	51.4	58.4	41.8	50.1	76	27	40	43	85	75	.274	.304	2.83	1.81	6.6	5.2	6.4
Year	29.880	30.354	29.232	57.6	64.8	72.8	54.3	63.6	98	15	53	54	84	69	.458	.463	60.66	2.84	5.6	5.0	5.3

BAKER, OREG.

[ϕ=44° 46′ N.; λ=117° 50′ W.]

Month.	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.
January	26.510	26.933	26.004	23.4	28.4	32.8	18.5	25.6	43	−12	21	24	88	84	0.118	0.136	1.67	0.63	7.1	7.6	7.5
February	26.556	26.937	26.142	28.2	34.5	37.5	25.0	31.2	50	11	23	27	81	74	.124	.146	.98	.26	6.1	7.1	6.8
March	26.359	26.683	26.039	28.4	40.5	43.9	25.5	34.7	60	4	22	25	75	56	.117	.135	1.03	.38	3.9	5.3	5.2
April	26.346	26.652	25.876	36.0	50.6	53.6	33.2	43.4	71	25	30	30	77	49	.163	.168	1.05	.25	5.5	7.2	7.0
May	26.448	26.769	26.021	40.5	60.8	62.9	38.6	50.8	76	31	34	36	79	43	.202	.210	1.70	.66	5.0	6.2	4.5
June	26.448	26.692	26.210	48.9	66.9	73.2	46.5	59.8	87	37	41	42	77	41	.264	.272	1.84	.59	5.1	5.2	3.6
July	26.476	26.693	26.291	50.3	73.2	75.8	48.5	62.0	89	38	42	45	76	39	.273	.307	1.65	.80	4.2	4.3	3.4
August	26.453	26.609	26.171	48.7	71.0	73.7	46.1	59.9	88	31	42	44	77	43	.267	.296	1.69	1.30	3.3	4.4	4.3
September	26.502	26.737	26.156	39.9	63.6	66.5	37.4	52.0	80	26	31	34	70	36	.176	.202	.32	.29	2.1	3.2	3.1
October	26.487	26.804	26.047	35.3	50.4	54.1	30.1	42.1	72	18	26	28	70	43	.141	.152	.36	.14	3.6	4.8	4.6
November	26.534	26.899	26.064	34.3	42.0	47.6	29.9	38.8	61	17	27	29	73	60	.144	.159	.23	.08	4.9	5.7	5.9
December	26.569	26.985	26.032	23.7	30.7	35.7	18.5	27.1	48	4	18	22	79	69	.100	.119	1.25	.41	4.0	5.8	5.8
Year	26.474	26.985	25.876	36.5	51.3	54.8	33.2	44.0	89	−12	30	32	77	53	.174	.192	13.77	1.30	4.6	5.6	5.1

BALTIMORE, MD.

[ϕ=39° 17′ N.; λ=76° 37′ W.]

Month.	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.
January	29.960	30.496	29.482	22.3	27.1	33.1	18.4	25.8	59	− 2	17	18	79	68	0.102	0.103	2.63	0.67	6.6	3.9	6.0
February	29.874	30.365	28.917	26.2	33.2	38.6	24.4	31.5	58	6	18	21	71	60	.106	.123	2.75	1.32	4.9	3.4	4.2
March	30.008	30.569	29.281	36.1	43.1	47.5	33.0	40.2	72	19	30	32	77	67	.179	.192	6.64	1.65	5.5	5.3	5.2
April	29.900	30.448	29.206	51.2	56.2	63.6	45.7	54.6	80	32	42	44	72	67	.284	.311	1.94	.47	5.7	5.9	5.4
May	29.846	30.117	29.478	62.3	67.5	74.7	56.1	65.4	89	43	52	52	72	60	.405	.405	3.30	.95	4.1	4.3	3.9
June	29.910	30.312	29.672	68.0	73.6	79.8	63.1	71.4	93	52	56	58	69	60	.478	.495	3.09	1.32	5.8	6.6	5.4
July	29.900	30.235	29.501	72.9	77.1	84.7	68.3	76.5	94	61	64	64	75	66	.611	.617	5.96	1.23	4.7	6.0	4.3
August	29.850	30.101	29.472	70.5	75.8	82.2	66.5	74.4	92	57	62	62	74	64	.566	.581	3.25	1.29	5.5	5.5	5.3
September	29.936	30.295	29.687	67.2	71.5	77.8	63.4	70.6	94	46	60	62	78	73	.534	.570	8.75	6.07	6.0	4.9	5.3
October	29.963	30.351	29.613	54.8	61.7	69.8	51.4	60.6	85	42	46	49	74	64	.327	.364	.72	.32	4.5	2.8	3.6
November	29.948	30.399	29.471	43.6	49.9	56.6	40.6	48.6	76	28	35	36	73	59	.214	.222	1.93	1.03	6.2	3.2	5.0
December	29.960	30.478	29.411	35.6	42.2	47.7	33.6	40.6	71	20	30	31	80	66	.176	.186	4.17	1.25	5.2	4.5	5.7
Year	29.921	30.569	28.917	50.9	56.6	63.0	47.0	55.0	94	− 2	43	44	74	64	.332	.347	45.13	6.07	5.4	4.7	4.9

BENTONVILLE, ARK.

[ϕ=36° 22′ N.; λ=94° 12′ W.]

Month.	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.
January	28.704	29.106	28.233	22.2	.....	40.2	17.5	28.8	68	−10	18	.....	84	.....	0.111	.....	1.78	0.84	4.0	.....	4.3
February	28.634	29.126	28.236	27.0	.....	43.0	23.0	33.0	63	0	22	.....	80	.....	.124	.....	3.06	2.06	6.3	.....	5.2
March	28.665	29.087	28.180	35.3	.....	49.5	32.2	46.8	81	18	31	.....	85	.....	.184	.....	5.33	1.72	7.2	.....	7.0
April	28.591	29.003	28.260	50.4	.....	68.5	46.9	57.7	79	34	46	.....	84	.....	.320	.....	7.54	.01	6.0	.....	4.4
May	28.555	28.891	28.157	61.9	.....	78.7	56.6	67.6	87	41	56	.....	81	.....	.457	.....	2.17	1.33	3.5	.....	3.1
June	28.660	28.884	28.222	64.7	.....	80.4	58.3	69.4	90	49	59	.....	82	.....	.506	.....	7.37	2.05	4.0	.....	4.0
July	28.663	28.796	28.594	73.3	.....	90.5	68.5	79.5	98	62	66	.....	84	.....	.691	.....	.43	.40	2.9	.....	2.7
August	28.638	28.816	28.537	68.9	.....	88.2	65.6	76.9	97	54	64	.....	86	.....	.611	.....	2.61	.97	3.0	.....	2.5
September	28.664	28.970	28.404	60.2	.....	81.8	57.4	69.6	98	37	55	.....	84	.....	.462	.....	2.80	1.70	4.2	.....	3.5
October	28.695	29.010	28.411	50.7	.....	72.6	47.9	60.2	87	31	45	.....	82	.....	.315	.....	4.49	2.77	4.4	.....	3.9
November	28.779	29.146	28.427	39.7	.....	58.6	37.3	48.0	73	20	32	.....	74	.....	.191	.....	1.18	1.16	2.0	.....	2.9
December	28.714	29.171	28.325	31.9	.....	48.4	27.7	38.0	64	14	24	.....	72	.....	.123	.....	.29	.26	3.9	.....	3.9
Year	28.664	29.171	28.157	48.8	.....	66.7	44.9	55.8	98	−10	43	.....	82	.....	.342	.....	39.05	3.01	4.3	.....	4.0

Annual meteorological summary for the year ending December 31, 1912—Continued.

AUGUSTA, GA.

[H=180 ft.; h_t=89 ft.; h_r=54 ft.; h_a=97 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	6.8	W.	35	NW.	0	5	9	3	2	3	12	19	8	1	11	7	13	8	6	3	1	0	0	1	0	14	0	0
February	7.8	W.	44	W.	1	4	5	3	7	6	8	17	7	1	9	13	7	8	8	2	1	0	3	0	0	13	2	0
March	7.0	SE.	36	SW.	0	6	12	6	9	4	6	8	10	1	9	8	14	12	12	0	0	0	0	0	0	0	1	0
April	6.6	SE.	32	SW.	0	1	5	7	14	15	3	5	6	4	7	11	12	13	8	0	0	0	1	0	0	0	4	0
May	5.6	SE.	30	NW.	0	2	11	5	14	9	4	8	9	0	14	5	12	12	9	0	0	0	0	0	2	0	5	0
June	6.5	W.	32	W.	0	1	10	11	10	6	4	15	2	1	6	12	12	12	12	0	0	0	0	0	4	0	5	0
July	5.5	SE.	32	SE.	0	2	8	9	15	5	6	6	9	2	7	16	8	13	9	0	0	0	0	0	14	0	11	0
August	4.9	S.	26	W.	0	4	5	3	12	14	11	7	4	2	8	13	10	11	9	0	0	0	1	0	16	0	7	0
September	5.4	NE.	22	SE.	0	3	18	10	9	2	4	5	6	3	8	10	12	16	9	0	0	0	1	0	7	0	4	0
October	4.7	NW.	20	NE.	0	13	13	2	7	3	0	1	17	6	15	8	8	7	3	0	0	0	2	0	0	0	1	0
November	5.4	W.	26	W.	0	6	4	3	1	4	3	15	17	7	21	6	3	5	5	2	2	0	3	0	0	6	1	0
December	5.2	W.	32	NW.	0	5	6	5	4	9	8	13	8	4	9	7	15	13	9	0	0	0	6	0	0	6	0	0
Year	6.0	W.	44	W.	1	52	106	67	104	80	69	119	103	32	124	116	126	130	99	7	4	0	17	1	43	39	41	0

BAKER, OREG.

[H=3,471 ft.; h_t=48 ft.; h_r=40 ft.; h_a=53 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.8	SE.	24	SE.	0	0	3	1	27	15	7	3	6	0	3	9	19	14	10	13	9	0	2	13	0	27	0	0
February	5.0	SE.	27	SW.	0	6	2	1	12	12	4	7	14	0	3	14	12	10	6	11	7	0	1	3	0	23	0	0
March	6.8	NW.	29	NW.	0	6	1	2	19	7	2	5	20	0	9	13	9	12	8	16	11	0	0	2	0	29	0	0
April	7.0	SE.	29	SE.	0	5	4	3	16	13	4	1	13	1	3	12	15	13	10	4	2	0	0	0	0	13	0	0
May	6.4	SE.	26	S.	0	9	2	2	25	7	4	4	9	0	11	13	7	13	9	2	0	1	0	0	0	2	1	0
June	6.1	SE.	33	SE.	0	4	2	1	21	8	3	3	18	0	16	9	5	9	7	0	0	1	0	0	0	0	7	0
July	5.6	NW.	25	W.	0	2	3	0	18	11	2	1	25	0	16	9	6	7	6	0	0	1	0	0	0	0	6	0
August	5.7	SE.	21	SE.	0	1	1	3	22	6	2	3	24	0	12	9	10	8	7	0	0	0	0	0	0	1	4	0
September	6.4	SE.	21	N.	0	7	1	2	22	12	1	3	12	0	18	6	6	3	1	0	0	0	0	0	0	4	0	0
October	7.6	SE.	24	N.	0	6	3	1	24	7	4	4	13	0	9	14	8	5	3	2	2	0	0	0	0	18	0	0
November	7.4	SE.	27	SE.	0	1	1	1	33	15	5	0	4	0	7	7	16	8	2	1	1	0	0	0	0	19	0	0
December	6.8	SE.	31	SW.	0	2	2	2	33	9	5	5	4	0	8	8	15	13	6	18	12	0	0	9	0	31	0	0
Year	6.4	SE.	33	SE.	0	49	25	19	272	122	43	39	162	1	115	123	128	115	75	67	44	3	3	27	0	167	18	0

BALTIMORE, MD.

[H=123 ft.; h_t=100 ft.; h_r=90 ft.; h_a=113 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.7	N.	30	W.	0	20	4	3	3	7	11	5	8	1	5	12	14	11	10	14	8	0	0	14	0	30	0	0
February	7.4	SW.	42	SW.	1	12	5	4	2	6	13	5	10	1	14	7	8	6	6	9	1	0	1	7	0	22	1	0
March	7.7	N.	26	N.	0	14	12	3	4	13	3	3	10	0	11	12	8	18	11	7	6	1	1	3	0	14	3	0
April	8.0	SW.	34	S.	0	4	11	5	2	17	9	4	8	0	9	10	11	14	10	0	0	0	0	0	0	1	7	0
May	7.1	S.	28	SE.	0	5	9	4	8	11	12	7	5	1	16	7	8	12	9	0	0	0	0	0	0	0	6	0
June	6.2	SW.	30	S.	0	10	8	4	3	11	14	5	5	0	10	9	11	9	7	0	0	0	0	0	2	0	4	0
July	6.1	S.	26	E.	0	5	9	0	0	26	11	1	10	0	12	13	6	10	8	0	0	0	0	0	7	0	9	0
August	6.2	SW.	25	SW.	0	9	2	1	7	11	21	3	8	0	9	12	10	10	7	0	0	0	0	0	1	0	4	0
September	6.4	NE.	33	NE.	0	10	16	8	3	10	8	3	2	0	11	7	12	11	9	0	0	0	0	0	5	0	6	0
October	5.8	SW.	21	N.	0	13	4	5	2	7	15	8	8	0	18	8	5	4	3	0	0	0	1	0	0	0	1	0
November	6.1	SW.	27	SW.	0	5	0	1	3	8	23	11	8	1	11	12	7	5	5	1	1	0	1	0	0	1	0	0
December	5.9	SW.	29	W.	0	5	7	3	5	8	15	11	8	0	10	9	12	13	10	3	2	0	5	0	0	13	0	0
Year	6.7	SW.	42	SW.	1	112	87	41	42	135	155	66	90	4	136	118	112	123	95	34	18	1	9	24	15	81	41	0

BENTONVILLE, ARK.

[H=1,303 ft.; h_t=11 ft.; h_r=3 ft.; h_a=44 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.2	SW.	24	S.	0	5	2	4	1	4	7	4	4	0	15	10	6	7	6	7	5	1	1	12	0	26	2	0
February	6.7	NE.	30	NE.	0	4	6	6	0	3	4	3	3	0	12	7	10	10	9	8	5	1	0	2	0	23	2	0
March	7.1	S.	20	S.	0	6	5	1	9	5	1	0	4	0	10	2	19	19	16	7	6	0	0	0	0	20	4	0
April	7.1	S.	23	S.	0	1	4	3	2	9	2	3	6	0	16	6	8	12	10	1	1	0	0	0	0	0	9	0
May	6.3	S.	22	S.	0	2	0	1	5	15	2	3	3	0	22	5	4	6	4	0	0	0	0	0	0	0	6	0
June	4.4	E.	24	N.	0	4	3	8	3	3	4	2	3	0	14	13	3	12	11	0	0	0	0	0	0	0	11	0
July	4.4	S.	18	N.	0	0	4	5	1	17	1	3	0	0	22	8	1	4	2	0	0	0	0	0	19	0	14	0
August	4.5	S.	16	S.	0	1	3	1	4	13	7	0	1	1	25	5	1	7	5	0	0	0	0	0	14	0	6	0
September	4.1	S.	23	S.	0	5	3	2	6	9	1	1	3	0	19	6	5	4	4	0	0	0	0	0	11	0	6	0
October	5.0	S.	21	S.	0	6	3	3	6	11	0	0	2	0	16	6	9	7	5	0	0	0	0	0	0	1	5	0
November	6.4	S.	24	S.	0	2	0	2	3	10	3	5	5	0	20	6	4	3	2	1	0	0	0	0	0	8	2	0
December	6.0	S.	26	S.	0	2	2	1	3	8	9	1	5	0	16	9	6	2	1	1	1	0	0	1	0	23	0	0
Year	5.7	S.	30	NE.	0	38	35	37	43	107	41	25	39	1	207	83	76	93	75	25	18	2	1	15	44	101	67	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

BINGHAMTON, N. Y.

[ϕ=42° 8′ N.; λ=75° 55′ 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	29.041	29.576	28.426	13.3	.....	24.6	7.6	16.1	48	−20	10	....	87	....	0.074	.....	1.29	0.31	7.7	.....	8.4
February	28.996	29.501	28.181	15.5	.....	28.9	11.9	20.4	51	−14	12	....	85	....	.079	.....	1.56	.88	7.2	.....	7.1
March	29.174	29.675	28.480	23.9	.....	37.8	18.8	28.3	60	− 7	20	....	85	....	.116	.....	3.37	.86	6.7	.....	7.2
April	29.060	29.554	28.660	41.8	.....	53.3	35.4	44.4	75	20	35	....	76	....	.213	.....	4.19	.94	8.1	.....	8.0
May	29.019	29.265	28.639	56.0	.....	69.7	48.3	59.0	85	32	48	....	74	....	.342	.....	3.80	1.46	6.7	.....	7.0
June	29.114	29.474	28.944	59.3	.....	73.8	51.1	62.4	87	36	50	....	73	....	.381	.....	1.20	.66	5.9	.....	6.2
July	29.105	29.431	28.705	65.7	.....	80.7	58.4	69.6	95	42	59	....	79	....	.512	.....	2.90	.89	6.0	.....	6.9
August	29.036	29.374	28.682	60.5	.....	73.5	54.4	64.0	87	40	56	....	87	....	.470	.....	7.72	1.92	6.8	.....	8.0
September	29.138	29.490	28.891	57.7	.....	71.1	52.8	62.0	87	34	54	....	89	....	.438	.....	5.42	1.97	7.6	.....	7.0
October	29.119	29.490	28.772	47.0	.....	62.6	41.6	52.1	79	30	42	....	84	....	.281	.....	1.83	.91	5.7	.....	6.1
November	29.049	29.456	28.630	38.5	.....	48.7	34.0	41.4	68	19	32	....	76	....	.186	.....	3.08	1.40	7.7	.....	7.2
December	29.063	29.636	28.587	30.2	.....	40.5	26.6	33.6	65	12	23	....	75	....	.131	.....	1.57	.61	8.1	.....	7.9
Year	29.076	29.675	28.181	42.4	.....	55.4	36.7	46.1	95	−20	37	....	81	....	.269	.....	37.93	1.97	7.0	.....	7.2

BIRMINGHAM, ALA.

[ϕ=33° 32′ N.; λ=86° 50′ W.]

January	29.362	29.680	28.974	34.7	41.9	48.9	30.7	39.8	74	9	28	30	76	64	0.166	0.180	5.03	2.84	6.5	3.9	5.7
February	29.265	29.625	28.603	35.8	45.0	52.9	31.6	42.2	70	10	29	32	74	62	.174	.197	3.84	1.03	3.6	4.4	3.8
March	29.338	29.716	28.836	46.4	54.3	60.6	42.4	51.5	80	26	39	42	78	66	.255	.290	9.84	2.87	7.5	6.1	6.4
April	29.305	29.662	28.979	58.2	65.9	72.9	53.7	63.3	81	39	51	53	79	65	.399	.416	8.92	2.07	6.1	5.6	5.5
May	29.246	29.582	28.950	66.5	73.6	81.0	61.1	71.0	90	47	59	58	77	60	.508	.499	2.68	1.61	4.3	4.3	3.8
June	29.292	29.476	28.800	70.1	74.8	82.9	64.7	73.8	92	58	62	63	77	70	.575	.595	6.18	2.28	6.4	5.7	5.9
July	29.317	29.533	29.140	74.1	77.7	86.8	70.4	78.6	95	64	70	71	86	80	.727	.751	5.65	1.35	5.3	6.2	5.7
August	29.302	29.482	29.088	72.3	77.7	87.0	69.0	78.0	92	61	69	70	89	77	.707	.724	5.60	2.86	4.8	5.3	4.9
September	29.255	29.439	29.079	70.5	76.5	84.7	67.7	76.2	94	55	67	66	88	73	.662	.661	3.62	2.10	3.9	3.9	5.2
October	29.333	29.548	29.073	58.2	67.0	75.1	55.1	65.6	87	38	53	56	83	69	.419	.464	1.77	1.47	4.3	3.7	4.8
November	29.458	29.694	29.124	42.6	52.4	61.6	39.4	50.5	75	25	35	34	75	52	.220	.214	1.18	.67	2.3	2.0	3.2
December	29.395	29.780	28.993	42.0	47.5	53.2	38.8	46.0	70	25	36	37	79	68	.235	.245	5.80	1.93	6.2	4.9	6.6
Year	29.322	29.780	28.603	56.0	62.9	70.6	52.1	61.4	95	9	50	51	80	67	.421	.436	60.11	2.87	5.1	4.7	5.1

BISMARCK, N. DAK.

[ϕ=46° 47′ N.; λ=100° 38′ W.]

January	28.284	28.863	27.754	−4.4	1.2	8.0	−9.8	−0.9	39	−38	−6	−1	93	90	0.041	0.049	0.18	0.07	5.3	5.1	6.3
February	28.286	28.806	27.759	9.8	17.2	23.2	5.1	14.2	43	−25	8	13	93	82	.071	.086	.08	.03	7.4	5.3	6.2
March	28.343	28.854	27.832	7.5	22.1	27.5	4.4	16.0	58	−18	6	16	95	77	.065	.097	.70	.46	6.8	4.9	4.7
April	28.119	28.518	27.641	36.3	53.8	60.1	33.0	46.6	78	23	31	34	80	50	.171	.197	2.30	1.31	5.4	4.8	4.8
May	28.089	28.734	27.382	47.6	62.9	66.9	43.6	55.2	87	28	42	46	82	56	.271	.315	3.03	1.37	6.8	6.0	6.4
June	28.262	28.678	27.704	54.9	70.5	75.0	50.5	62.8	98	37	48	54	80	58	.351	.444	3.55	1.58	4.5	5.2	4.6
July	28.211	28.639	27.966	60.3	75.3	81.3	56.8	69.0	92	39	56	61	86	62	.455	.543	3.18	.88	3.8	5.2	4.2
August	28.178	28.548	27.843	56.4	71.8	77.8	54.5	66.2	92	46	54	58	91	63	.414	.486	2.33	.66	5.7	4.7	4.8
September	28.230	28.774	27.838	44.8	57.3	63.6	41.5	52.6	94	24	42	45	89	67	.285	.322	2.42	.53	6.3	5.8	6.2
October	28.200	28.582	27.708	35.0	48.2	58.5	31.6	45.0	80	21	29	36	80	64	.162	.216	.94	.79	4.7	4.2	4.6
November	28.231	28.805	27.880	26.5	35.0	43.9	23.9	33.9	59	10	23	26	84	70	.119	.144	T.	T.	4.1	3.3	5.0
December	28.122	28.695	27.312	19.6	23.1	33.6	10.4	22.0	59	− 9	15	16	80	71	.087	.091	.40	.18	4.5	3.9	5.2
Year	28.213	28.863	27.312	32.9	44.9	51.6	28.8	40.2	98	−38	29	34	86	68	.208	.249	19.11	1.58	5.4	4.9	5.2

BLOCK ISLAND, R. I.

[ϕ=41° 10′ N.; λ=71° 36′ W.]

January	29.948	30.498	29.031	22.7	25.8	31.2	19.1	25.2	53	0	18	20	81	79	0.110	0.117	3.29	1.04	6.4	5.1	6.6
February	29.871	30.382	29.053	24.5	28.8	33.1	22.7	27.9	53	2	20	24	82	82	.114	.134	2.47	1.45	5.0	2.8	5.2
March	30.064	30.615	29.408	32.7	35.2	39.9	29.6	34.8	55	15	29	31	84	84	.167	.182	7.65	3.03	5.9	6.1	6.0
April	29.961	30.611	29.277	42.6	43.3	48.7	39.0	43.8	60	29	38	39	84	85	.233	.244	3.85	1.04	4.8	4.6	6.9
May	29.945	30.274	29.523	52.4	51.9	58.2	48.1	53.2	68	40	49	50	90	92	.354	.360	4.43	1.13	4.9	4.7	6.7
June	29.973	30.301	29.680	61.5	60.8	68.4	55.8	62.1	78	47	57	57	84	87	.468	.467	.21	.08	3.5	4.2	4.9
July	29.960	30.344	29.497	67.6	67.5	73.9	63.5	68.7	82	55	64	64	88	90	.600	.605	7.17	3.17	5.0	4.4	5.6
August	29.922	30.260	29.565	65.7	66.4	71.4	62.5	67.0	81	51	61	62	86	86	.552	.567	3.18	.90	4.9	3.6	5.1
September	30.038	30.319	29.724	62.2	62.4	67.6	58.4	63.0	77	43	57	58	84	87	.481	.504	1.80	.62	5.6	4.8	6.3
October	30.023	30.375	29.613	55.8	57.2	62.0	52.7	57.4	71	42	49	50	78	78	.360	.372	1.14	.76	4.0	3.4	6.0
November	29.963	30.486	29.462	45.9	48.0	52.0	42.7	47.4	64	30	38	40	74	73	.244	.263	3.13	1.58	5.4	4.2	5.1
December	29.979	30.590	29.135	39.0	41.8	46.2	35.8	41.0	57	18	32	34	77	75	.197	.211	5.66	1.54	4.7	5.7	6.0
Year	29.971	30.615	29.031	47.7	49.1	54.4	44.2	49.3	82	0	43	44	83	83	.323	.336	44.03	3.17	5.0	4.5	6.0

Annual meteorological summary for the year ending December 31, 1912—Continued.

BINGHAMTON, N. Y.

[H=871 ft.; h_t=78 ft.; h_r=71 ft.; h_a=88 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	7.3	W.	34	SE.	0	2	7	1	1	1	3	14	2	0	1	6	24	15	9	23	15	0	1	23	0	31	0	0
February	6.9	W.	38	SW.	0	1	6	2	0	0	2	15	2	1	5	8	16	9	5	15	6	0	0	16	0	26	1	0
March	6.5	NW.	27	S.	0	4	7	2	1	2	1	5	8	1	4	8	19	13	11	11	6	0	1	10	0	28	0	0
April	7.2	NW.	31	S.	0	5	2	0	6	3	2	8	3	1	1	8	21	18	14	5	4	1	0	2	0	10	2	0
May	6.7	W.	27	SW.	0	1	5	5	2	5	1	8	4	0	8	4	19	13	10	0	0	0	1	0	0	1	2	0
June	4.5	W.	30	NW.	0	3	5	2	2	1	2	8	5	2	7	10	13	5	5	0	0	0	0	0	0	0	5	0
July	4.0	NW.	20	SW.	0	5	10	2	0	0	0	5	6	3	4	8	19	13	10	0	0	1	0	0	5	0	11	0
August	4.6	W.	22	SW.	0	2	3	8	1	2	2	8	3	2	0	11	20	19	13	0	0	0	1	0	0	0	10	0
September	4.1	E.	20	NW.	0	3	4	5	3	4	0	8	0	3	6	6	18	16	13	0	0	0	2	0	0	0	5	0
October	5.2	NW.	24	SW.	0	1	5	7	2	2	3	9	2	0	9	6	16	8	7	0	0	1	2	0	0	2	1	0
November	6.4	W.	26	S.	0	3	7	4	0	2	4	5	5	0	3	11	16	8	5	9	2	0	0	1	0	17	0	0
December	6.9	W.	27	NW.	0	1	6	5	1	0	8	7	3	0	3	8	20	10	8	13	5	0	0	6	0	24	0	0
Year	5.9	W.	38	SW.	0	31	67	43	19	22	28	100	43	13	51	94	221	147	110	76	38	3	8	58	5	139	37	0

BIRMINGHAM, ALA.

[H=700 ft.; h_t=11 ft.; h_r=3 ft.; h_a=48 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.4	NW.	32	S.	0	10	3	3	9	9	5	3	20	0	9	11	11	9	7	4	2	0	2	1	0	20	1	0
February	8.4	NW.	42	SW.	1	10	5	2	3	7	8	6	17	0	16	7	6	10	9	3	2	0	0	1	0	16	2	0
March	8.2	SE.	40	SE.	1	9	7	8	12	10	5	6	5	0	9	6	16	14	12	0	0	0	0	0	0	4	3	0
April	8.7	S.	27	S.	0	6	10	6	15	13	1	1	8	0	10	9	11	12	12	0	0	0	1	0	0	0	7	0
May	5.8	S.	28	S.	0	8	2	10	12	7	9	2	12	0	15	13	3	10	6	0	0	0	0	0	1	0	8	0
June	6.6	S.	39	S.	0	16	7	10	4	9	6	3	5	0	6	15	9	12	10	0	0	0	0	0	1	0	9	0
July	5.4	SE.	26	N.	0	10	7	5	11	17	3	6	3	0	6	18	7	17	13	0	0	0	0	0	4	0	13	0
August	4.7	S.	36	W.	0	9	4	7	3	16	14	3	5	1	11	14	6	13	9	0	0	0	0	0	4	0	14	0
September	5.5	NE.	30	S.	0	18	17	6	6	2	5	2	4	0	11	10	9	10	7	0	0	0	1	0	10	0	5	0
October	6.1	N.	26	SE.	0	17	13	9	12	8	1	0	2	0	12	9	10	6	5	0	0	0	0	0	0	0	0	0
November	5.9	N.	24	NW.	0	17	6	2	8	8	2	3	14	0	19	3	8	4	4	1	1	0	1	0	0	8	1	0
December	6.5	N.	28	S.	0	13	5	4	11	15	3	3	8	0	8	5	18	14	13	0	0	0	1	0	0	9	1	0
Year	6.6	N.	42	SW.	2	143	86	72	106	121	62	38	103	1	132	120	114	131	107	8	5	0	6	2	20	57	64	0

BISMARCK, N. DAK.

[H=1,674 ft.; h_t=8 ft.; h_r=3 ft.; h_a=57 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.6	NW.	44	NW.	1	2	3	7	5	4	3	15	23	0	7	7	17	8	1	18	8	0	0	23	0	31	0	0
February	9.5	NW.	32	NW.	0	2	4	3	4	5	1	19	20	0	8	8	13	4	0	9	4	0	0	22	0	29	0	0
March	9.1	NW.	34	SE.	0	6	6	10	1	8	6	12	13	0	13	9	9	6	3	10	6	0	1	18	0	31	0	0
April	12.0	NW.	47	SE.	4	4	11	13	5	6	5	2	14	0	12	9	9	9	6	3	1	1	0	0	0	15	3	0
May	13.3	NW.	47	S.	4	6	5	11	2	6	5	11	16	0	7	10	14	10	9	0	0	1	0	0	0	2	8	1
June	10.7	NW.	40	W.	1	4	1	19	12	4	1	1	18	0	12	11	7	7	6	0	0	0	0	0	5	0	3	0
July	8.4	NW.	41	SW.	1	9	8	9	9	4	1	3	19	0	14	14	3	11	9	0	0	2	0	0	4	0	6	0
August	9.1	NW.	50	NW.	1	1	6	17	9	3	2	4	20	0	12	14	5	12	9	0	0	0	1	0	2	0	6	1
September	9.7	NW.	41	W.	1	11	8	5	7	6	2	5	15	1	8	7	15	13	10	2	0	0	1	0	2	6	2	0
October	10.8	NW.	48	NW.	2	8	3	11	3	5	5	7	19	1	12	9	10	3	3	2	1	0	0	0	0	17	0	0
November	8.2	NW.	44	NW.	1	5	3	6	7	7	3	11	17	1	12	11	7	0	0	2	0	0	0	2	0	30	0	0
December	11.4	NW.	44	NW.	3	2	1	4	8	3	5	8	31	0	12	9	10	6	3	11	5	0	0	11	0	31	0	0
Year	10.2	NW.	50	NW.	19	60	59	115	72	61	30	98	225	3	129	118	119	89	59	57	25	4	3	81	13	192	28	2

BLOCK ISLAND, R. I.

[H=26 ft.; h_t=11 ft.; h_r=3 ft.; h_a=46 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	23.5	W.	77	NW.	16	13	2	3	2	4	8	10	20	0	8	8	15	14	10	15	10	0	0	15	0	28	0	0
February	22.4	W.	72	SW.	11	6	6	2	0	2	8	17	17	0	12	7	10	7	5	4	3	0	0	14	0	26	1	0
March	19.8	NW.	53	NW.	11	5	8	1	8	5	13	4	18	0	13	5	13	14	13	5	3	0	2	7	0	16	2	0
April	19.1	SW.	54	W.	4	2	11	3	3	8	11	12	10	0	7	8	15	17	10	0	0	0	6	0	0	4	1	0
May	17.1	SW.	47	W.	3	1	8	6	8	12	16	10	1	0	8	8	15	12	8	0	0	0	10	0	0	0	3	0
June	15.5	SW.	38	S.	0	2	3	3	2	9	22	13	6	0	9	17	4	5	3	0	0	0	4	0	0	0	2	0
July	14.6	SW.	36	NE.	0	3	2	5	2	12	21	8	9	0	11	8	12	9	6	0	0	0	5	0	0	0	5	0
August	13.5	SW.	36	SE.	0	2	3	3	7	11	15	12	9	0	11	12	8	8	7	0	0	0	3	0	0	0	1	0
September	14.1	SW.	44	E.	4	6	5	9	7	10	12	6	5	0	11	2	17	9	7	0	0	0	2	0	0	0	2	0
October	15.9	NW.	52	NW.	3	1	4	4	11	7	12	6	17	0	14	4	13	5	4	0	0	0	3	0	0	0	1	0
November	21.7	SW.	56	W.	9	2	3	3	2	2	19	11	18	0	13	4	13	6	6	2	1	0	0	0	0	2	1	0
December	21.2	SW.	64	NW.	13	2	2	2	2	7	22	14	11	0	10	8	13	7	7	1	1	0	5	0	0	9	0	0
Year	18.2	SW.	77	NW.	74	45	57	44	54	89	179	123	141	0	127	91	148	113	86	27	18	0	40	36	0	85	19	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

BOISE, IDAHO.

[ϕ=43° 37′ N.; λ=116° 8′ 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	27.286	27.689	26.821	26.0	31.2	35.5	22.1	28.8	56	−5	24	26	91	82	0.134	0.147	2.53	0.83	6.5	8.5	8.0
February	27.301	27.705	26.878	32.6	40.8	42.8	30.6	36.7	52	19	28	28	81	60	.152	.155	1.84	.49	6.7	7.1	7.4
March	27.069	27.382	26.710	33.3	47.0	49.0	31.4	40.2	64	18	26	25	75	44	.141	.137	1.26	.37	4.5	5.7	5.7
April	27.068	27.351	26.634	42.0	55.1	57.8	33.7	48.2	76	32	32	31	69	44	.180	.172	3.34	1.26	6.4	6.6	6.7
May	27.142	27.480	26.843	46.6	65.3	68.2	44.7	56.4	83	35	38	35	73	35	.229	.208	1.94	.85	4.8	5.1	5.1
June	27.118	27.365	26.855	56.5	76.5	78.9	54.3	66.6	95	38	44	39	67	30	.297	.253	.86	.53	5.1	5.4	4.8
July	27.136	27.357	26.950	56.3	80.9	82.8	54.8	68.8	97	40	43	40	64	26	.289	.265	1.27	1.27	4.8	4.5	4.7
August	27.117	27.281	26.861	56.2	79.5	81.8	54.4	68.1	96	40	44	41	65	27	.294	.260	.07	.04	4.2	4.8	4.2
September	27.191	27.450	26.851	48.0	67.7	70.2	45.2	57.7	85	37	35	33	62	30	.205	.192	.77	.51	3.6	4.3	3.8
October	27.190	27.505	26.779	42.0	55.6	59.0	37.5	48.2	80	27	30	30	66	41	.168	.170	2.51	1.53	4.8	5.1	5.1
November	27.300	27.645	26.833	38.5	46.8	51.4	34.7	43.0	68	24	30	33	72	59	.163	.187	.88	.56	5.1	6.9	6.8
December	27.344	27.780	26.838	27.7	34.8	39.0	24.2	31.6	53	9	22	25	80	66	.120	.132	.83	.30	4.6	6.1	6.4
Year	27.188	27.780	26.634	42.1	56.8	59.7	39.4	49.5	97	−5	33	32	72	45	.198	.190	18.10	1.53	5.1	5.8	5.7

BOSTON, MASS.

[ϕ=42° 21′ N.; λ=71° 04′ W.]

January	29.836	30.403	28.791	18.8	22.8	28.7	14.1	21.4	53	−5	12	13	71	64	0.089	0.084	2.87	1.03	5.6	4.8	6.3
February	29.745	30.276	28.770	23.1	28.2	35.2	20.2	27.7	57	−1	14	15	65	56	.089	.093	2.38	1.22	4.9	3.7	4.6
March	29.958	30.552	29.253	32.9	36.8	44.5	27.6	36.0	64	11	24	24	70	62	.146	.146	4.18	1.13	5.0	4.8	5.2
April	29.845	30.500	29.224	44.0	48.0	55.8	38.9	47.4	77	27	35	37	73	68	.215	.239	3.07	.67	5.8	5.6	7.1
May	29.833	30.211	29.404	57.2	58.1	66.7	50.5	58.6	86	42	46	46	68	68	.321	.322	4.04	.72	5.6	5.7	5.8
June	29.846	30.151	29.498	65.7	68.8	77.9	58.1	68.0	92	45	50	52	58	57	.381	.410	.27	.24	3.9	5.0	4.4
July	29.839	30.993	29.385	70.8	73.1	82.0	64.5	73.2	99	56	58	61	67	68	.513	.553	5.16	2.52	4.7	5.6	5.7
August	29.811	30.155	29.460	66.6	68.4	76.8	61.1	69.0	90	49	57	58	73	71	.487	.504	1.94	.66	5.2	4.4	5.8
September	29.938	30.229	29.618	61.2	63.2	71.4	56.0	63.7	90	40	54	55	76	77	.432	.453	1.67	.80	5.7	5.0	5.8
October	29.911	30.316	29.506	53.0	56.9	65.9	49.0	57.4	86	36	43	44	70	63	.295	.304	1.00	.61	3.9	2.9	4.4
November	29.839	30.332	29.337	41.8	45.9	53.0	38.3	45.6	70	24	32	35	69	67	.194	.224	2.61	1.06	5.1	4.0	5.4
December	29.850	30.478	28.958	34.9	39.6	45.2	31.8	38.5	69	15	26	29	70	66	.153	.173	5.36	1.51	5.5	5.5	5.0
Year	29.854	30.552	28.770	47.5	50.8	58.6	42.5	50.5	99	−5	38	39	69	66	.276	.292	34.55	2.52	5.1	4.8	5.5

BUFFALO, N. Y.

[ϕ=42° 53′ N.; λ=78° 53′ W.]

January	29.151	29.722	28.477	13.9	16.0	22.5	8.8	15.6	44	−3	10	11	82	80	0.071	0.079	3.00	0.69	9.0	6.6	7.3
February	29.109	29.642	28.117	16.4	20.2	26.4	12.8	19.6	48	−13	12	16	80	83	.080	.101	2.13	1.02	7.2	5.9	6.9
March	29.286	29.830	28.603	24.2	28.1	34.3	20.5	27.4	54	6	20	23	81	80	.111	.127	2.51	.83	6.4	4.8	6.1
April	29.137	29.592	28.669	39.8	43.1	50.8	33.7	42.2	73	20	34	36	81	76	.206	.218	3.39	.85	6.8	5.7	6.8
May	29.101	29.406	28.734	53.7	55.3	64.0	47.5	55.8	80	35	46	47	77	75	.319	.329	3.50	1.13	6.9	6.1	6.6
June	29.204	29.600	28.863	60.2	63.8	68.8	54.6	61.7	80	44	51	53	72	69	.386	.414	.83	.22	4.7	3.9	4.9
July	29.197	29.476	28.830	68.1	71.2	77.6	62.6	70.1	91	50	58	58	72	64	.509	.497	1.41	.36	4.6	4.9	4.9
August	29.125	29.438	28.710	63.0	66.2	71.1	58.6	64.8	87	46	55	58	76	77	.448	.504	4.00	1.65	6.6	6.7	7.1
September	29.209	29.547	28.901	62.9	64.7	71.2	57.9	64.6	85	41	57	59	80	81	.475	.517	3.31	1.17	6.4	4.7	5.5
October	29.212	29.609	28.941	51.4	54.5	60.8	46.5	53.6	73	36	44	47	76	78	.299	.338	4.25	2.36	6.1	4.8	5.7
November	29.136	29.646	28.573	40.5	43.4	48.1	36.9	42.5	65	25	35	37	81	80	.213	.231	2.68	.81	6.9	6.9	6.8
December	29.115	29.607	28.676	33.1	35.5	40.4	28.3	34.4	59	14	29	29	83	78	.164	.165	2.21	.66	7.3	7.7	7.5
Year	29.165	29.830	28.117	43.9	46.8	53.0	39.1	46.0	91	−13	38	40	78	77	.273	.293	33.22	2.36	6.6	5.7	6.3

BURLINGTON, VT.

[ϕ=44° 29′ N.; λ=73° 12′ W.]

January	29.538	30.110	28.568	6.5	.....	16.4	0.1	8.2	38	−24	2	....	82	....	0.055	.....	0.86	0.27	6.6	.....	6.2
February	29.454	29.982	28.160	12.2	.....	23.8	6.7	15.2	41	−19	9	....	85	....	.073	.....	1.95	.86	6.7	.....	6.4
March	29.685	30.241	28.963	18.5	.....	30.8	13.0	21.9	46	−13	13	....	79	....	.089	.....	2.97	.81	5.7	.....	5.9
April	29.534	30.061	29.011	38.8	.....	49.9	31.4	40.6	72	18	29	....	67	....	.171	.....	2.97	.85	5.1	.....	5.6
May	29.505	29.874	29.067	53.2	.....	63.5	45.2	54.4	82	32	45	....	74	....	.309	.....	5.55	1.20	6.7	.....	6.8
June	29.553	29.854	29.214	58.5	.....	70.3	49.5	59.9	86	34	48	....	70	....	.352	.....	1.18	.85	5.4	.....	5.2
July	29.554	29.901	29.105	66.2	.....	78.6	58.0	68.3	94	44	56	....	72	....	.475	.....	3.24	1.20	4.5	.....	4.9
August	29.491	29.861	29.105	60.9	.....	70.3	54.3	62.3	82	44	54	....	79	....	.433	.....	2.55	.84	7.0	.....	7.0
September	29.619	29.928	29.360	56.6	.....	65.2	50.4	57.8	78	35	51	....	83	....	.393	.....	5.26	1.07	7.0	.....	7.1
October	29.576	29.944	29.191	47.4	.....	58.1	41.5	49.8	74	27	40	....	75	....	.255	.....	2.96	1.16	4.5	.....	5.4
November	29.502	29.908	28.884	36.2	.....	43.3	31.1	37.2	62	14	29	....	76	....	.166	.....	3.51	1.87	7.7	.....	7.2
December	29.515	30.214	28.786	27.1	.....	36.4	21.6	29.0	59	5	20	....	75	....	.116	.....	1.15	.70	6.9	.....	7.2
Year	29.544	30.241	28.160	40.2	.....	50.6	33.6	42.0	94	−24	33	....	76	....	.241	.....	34.14	1.87	6.2	.....	6.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

BOISE, IDAHO.

[H=2,739 ft.; h_t=78 ft.; h_r=72 ft.; h_a=86 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	3.4	N.	22	N.	0	15	3	7	12	3	8	3	9	2	4	6	21	18	14	14	11	0	5	9	0	27	0	0
February	4.7	SE.	21	NW.	0	6	1	3	17	8	2	5	15	1	4	6	19	12	8	11	6	0	1	1	0	16	0	0
March	6.0	SE.	26	NW.	0	8	4	6	17	7	3	6	10	1	10	7	14	12	8	10	7	0	1	0	0	15	1	0
April	7.0	NW.	40	SE.	1	5	5	5	15	3	1	6	17	3	7	5	18	13	12	4	2	1	0	0	0	0	1	0
May	5.8	NW.	33	NE.	0	6	7	2	13	6	2	8	17	1	9	12	10	10	10	0	0	3	0	0	0	0	4	0
June	6.3	NW.	37	W.	0	5	2	5	10	3	6	8	20	1	12	10	8	6	5	0	0	0	0	0	4	0	7	0
July	5.1	NW.	31	E.	0	3	3	1	12	10	4	7	21	1	11	12	8	2	2	0	0	0	1	0	8	0	4	0
August	4.8	NW.	27	NW.	0	7	1	4	10	7	1	9	23	0	14	9	8	3	1	0	0	0	0	0	7	0	3	0
September	5.4	NW.	28	NW.	0	6	7	0	15	4	0	11	16	1	17	6	7	3	3	0	0	0	0	0	0	0	0	0
October	5.8	NW.	28	S.	0	3	1	6	14	7	2	7	22	0	13	7	11	9	6	0	0	0	0	0	0	7	0	0
November	5.5	NW.	27	S.	0	9	1	5	16	8	0	3	17	1	5	8	17	7	5	1	1	0	0	0	0	12	0	0
December	4.7	SE.	38	W.	0	9	4	3	14	7	4	7	12	2	7	9	15	13	7	12	7	0	2	5	0	24	0	0
Year	5.4	NW.	40	SE.	1	82	39	47	165	73	33	80	199	14	113	97	156	108	81	52	34	4	10	15	19	101	20	0

BOSTON, MASS.

[H=125 ft.; h_t=115 ft.; h_r=154 ft.; h_a=188 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.9	W.	43	W.	1	6	2	1	0	3	10	18	22	0	8	9	14	13	10	18	11	0	1	19	0	31	0	0
February	12.4	W.	46	SW.	1	4	2	4	2	1	3	23	19	0	14	4	11	6	5	5	2	0	0	11	0	27	1	0
March	11.4	NW.	47	SW.	1	11	2	2	5	3	9	14	16	0	14	6	11	13	9	10	7	0	0	7	0	16	0	0
April	11.6	W.	37	NW.	0	3	6	6	3	6	9	14	13	0	4	8	18	19	16	4	2	0	2	0	0	4	1	0
May	10 9	SW.	35	SW.	0	9	7	7	3	5	20	7	4	0	10	8	13	12	11	0	0	0	0	0	0	0	6	0
June	11.1	W.	30	N.	0	8	2	1	6	1	16	18	8	0	13	11	6	3	1	0	0	0	0	0	2	0	1	0
July	9.7	SW.	29	NW.	0	5	3	3	2	5	22	11	11	0	10	10	11	5	4	0	0	0	0	0	10	0	6	0
August	9.1	NW.	34	W.	0	3	3	2	4	14	11	11	14	0	6	17	8	8	7	0	0	0	0	0	0	0	6	0
September	8.5	SW.	27	NW.	0	4	6	4	5	3	16	12	10	0	7	11	12	9	6	0	0	0	0	0	1	0	1	0
October	9.5	W.	31	NW.	0	3	2	4	7	6	12	21	7	0	17	5	9	7	5	0	0	0	2	0	0	0	0	0
November	11.9	W.	43	E.	1	5	2	3	0	3	18	16	13	0	13	4	13	7	6	2	1	0	0	0	0	7	1	0
December	11.7	W.	39	W.	0	3	1	2	1	6	20	21	8	0	12	9	10	7	7	4	2	0	1	1	0	16	0	0
Year	10.8	W.	47	SW.	4	64	38	39	38	56	166	186	145	0	128	102	136	109	87	43	25	0	6	38	13	101	23	0

BUFFALO, N. Y.

[H=767 ft.; h_t=178 ft.; h_r=168 ft.; h_a=275 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	18.3	W.	70	W.	9	2	2	8	3	1	15	14	17	0	2	14	15	25	16	30	24	0	0	26	0	30	0	0
February	17.9	W.	70	W.	8	1	2	6	2	2	16	25	4	0	4	10	15	12	5	17	12	0	1	17	0	27	0	0
March	13.3	SW.	44	W.	3	12	6	12	2	2	13	9	6	0	7	15	9	11	9	15	8	0	1	12	0	30	0	0
April	16.2	SW.	48	W.	5	4	7	11	0	2	16	12	8	0	4	12	14	16	11	8	5	0	2	2	0	14	3	0
May	12.4	SW.	50	SW.	3	2	6	8	4	4	24	11	3	0	4	15	12	14	10	1	1	0	2	0	0	0	6	0
June	11.7	SW	38	SW.	0	3	6	6	2	10	20	8	5	0	11	13	6	7	6	0	0	1	0	0	0	0	3	0
July	10.3	SW.	40	NW.	1	9	8	10	0	8	20	6	1	0	9	16	6	6	6	0	0	0	0	0	1	0	3	0
August	13.3	SW.	50	SW.	5	7	8	4	1	9	20	2	11	0	1	15	15	16	12	0	0	0	0	0	0	0	6	0
September	13.3	SW.	56	SW.	2	6	10	8	2	7	22	2	3	0	11	7	12	14	14	0	0	0	0	0	0	0	5	0
October	17.8	SW.	68	SW.	10	3	6	1	3	5	22	8	14	0	8	13	10	14	11	0	0	0	0	0	0	0	0	0
November	22.2	SW.	72	SW.	19	2	0	0	3	6	20	18	11	0	5	8	17	10	7	9	3	0	1	0	0	11	3	0
December	22.7	SW.	72	SW.	15	1	2	2	2	10	22	20	3	0	3	10	18	12	9	13	7	0	0	5	0	21	0	0
Year	15.8	SW.	72	SW.	80	52	63	76	24	66	230	135	86	0	69	148	149	157	116	93	60	1	7	62	1	133	29	0

BURLINGTON, VT.

[H=404 ft.; h_t=11 ft.; h_r=3 ft.; h_a=48 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.5	S.	42	W.	2	2	2	7	2	7	0	3	8	0	8	8	15	13	9	20	12	0	0	28	0	31	0	1
February	9.0	S.	39	SW.	0	2	3	2	2	9	2	4	5	0	8	6	15	11	6	17	9	0	0	21	0	29	0	0
March	10.3	S.	46	S.	2	4	5	4	3	10	0	0	5	0	8	10	13	9	8	12	8	0	2	16	0	30	0	0
April	12.2	S.	48	S.	3	3	0	1	1	10	2	5	8	0	10	6	14	12	10	8	4	0	1	4	0	16	1	1
May	10.3	S.	44	S.	2	2	2	1	3	10	4	1	8	0	6	9	16	18	13	1	1	0	2	0	0	1	6	0
June	10.0	S.	40	S.	1	3	1	0	2	14	2	3	5	0	10	9	11	11	7	0	0	0	2	0	0	0	7	0
July	8.3	S.	36	SW.	0	4	2	3	2	12	5	0	3	0	12	10	9	12	10	0	0	0	0	0	5	0	10	0
August	8.4	S.	30	S.	0	4	1	0	2	15	4	1	4	0	3	11	17	15	11	0	0	0	0	0	0	0	6	0
September	9.1	S.	32	S.	0	7	1	2	1	13	4	1	0	1	5	9	16	19	14	0	0	0	1	0	0	0	4	0
October	12.5	S.	40	S.	2	6	1	0	4	14	2	0	4	0	8	13	10	13	8	0	0	1	2	0	0	4	3	0
November	13.5	S.	46	S.	2	6	1	0	3	11	3	1	5	0	4	8	18	11	9	8	3	0	1	1	0	14	0	0
December	15.3	S.	50	S.	4	1	1	3	1	13	4	5	3	0	5	8	18	10	5	15	5	0	1	9	0	26	0	0
Year	10.9	S.	50	S.	18	44	20	23	26	138	32	24	58	1	87	107	172	154	110	81	42	1	12	79	5	151	37	2

Annual meteorological summary for the year ending December 31, 1912—Continued.

CAIRO, ILL.

[ϕ=37° 0′ N.; λ=89° 10′ 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	29.752	30.180	29.300	22.3	29.1	34.7	18.4	26.6	57	− 8	17	18	78	64	0.102	0.116	4.13	1.43	5.3	4.2	4.8
February	29.670	30.128	28.906	27.6	34.7	39.9	24.2	32.0	59	− 2	21	22	76	59	.120	.124	2.41	1.46	5.6	5.8	6.1
March	29.714	30.231	29.000	36.8	44.5	49.0	35.1	42.0	76	22	32	34	82	67	.189	.208	5.29	1.24	7.2	6.6	6.9
April	29.606	30.047	29.214	55.3	61.3	65.7	52.3	59.0	78	40	48	48	76	65	.345	.355	5.91	1.70	6.4	6.7	6.4
May	29.550	29.914	29.118	63.8	72.3	76.7	60.7	68.7	88	48	57	60	80	67	.479	.533	2.51	.61	4.2	5.4	5.3
June	29.637	29.886	29.205	66.7	75.2	79.2	63.8	71.5	86	54	60	62	80	66	.528	.576	4.69	2.54	6.8	4.7	6.4
July	29.632	29.803	29.437	74.1	82.2	87.2	71.6	79.4	93	66	71	73	89	74	.756	.812	1.90	.83	5.4	5.5	5.6
August	29.596	29.824	29.333	70.3	79.1	84.8	68.1	76.4	93	54	67	70	89	75	.670	.753	2.28	.64	4.0	3.9	4.5
September	29.632	29.951	29.406	65.2	74.6	82.0	63.4	72.7	95	46	61	63	88	68	.580	.614	2.33	1.07	2.5	2.7	3.2
October	29.698	30.007	29.243	53.6	64.8	72.4	51.6	62.0	86	38	49	53	85	66	.366	.414	3.64	1.74	4.3	2.5	4.1
November	29.789	30.157	29.397	41.0	51.4	57.0	40.0	48.5	75	26	34	38	76	62	.205	.244	.62	.36	3.6	2.6	3.7
December	29.740	30.238	29.343	33.7	41.6	47.2	31.7	39.4	64	17	27	32	76	70	.155	.195	1.54	.58	4.1	3.9	4.6
Year	29.668	30.238	28.906	50.9	59.2	64.6	48.4	56.5	95	− 8	45	48	81	67	.375	.412	37.25	2.54	5.0	4.5	5.1

CANTON, N. Y.

[ϕ=44° 36′ N.; λ=75° 10′ W.]

January	29.510	30.126	28.666	2.8	.....	14.4	−4.9	4.8	43	−30	1	....	92	....	0.053	.....	2.59	0.42	7.6	.....	6.5
February	29.433	29.969	28.295	9.5	.....	20.9	3.7	12.3	44	−28	8	....	93	....	.072	.....	2.68	1.23	7.1	.....	5.6
March	29.654	30.223	28.942	16.5	.....	29.7	10.9	20.3	52	−18	13	....	84	....	.087	.....	2.08	.78	5.7	.....	4.8
April	29.498	29.950	29.039	38.1	.....	50.9	30.4	40.6	69	16	29	....	71	....	.173	.....	2.46	.48	5.7	.....	5.2
May	29.450	29.780	29.021	53.9	.....	64.8	44.8	54.8	84	31	44	....	72	....	.308	.....	6.33	2.36	6.2	.....	5.8
June	29.531	29.846	29.297	58.5	.....	69.8	48.4	59.1	82	37	49	....	72	....	.366	.....	1.57	.47	5.4	.....	5.0
July	29.532	29.856	29.096	66.1	.....	79.5	56.0	67.8	92	41	57	....	74	....	.486	.....	1.82	.70	4.4	.....	4.8
August	29.461	29.836	29.100	60.8	.....	71.1	52.4	61.8	82	38	56	....	85	....	.460	.....	4.44	1.07	6.9	.....	7.3
September	29.568	29.912	29.266	56.4	.....	66.5	49.5	58.0	82	31	53	....	88	....	.413	.....	4.40	.78	7.3	.....	7.8
October	29.531	29.940	29.189	47.3	.....	59.4	39.6	49.5	79	25	42	....	81	....	.273	.....	2.33	.94	5.2	.....	4.8
November	29.462	29.803	29.007	35.0	.....	42.6	29.2	35.9	64	0	32	....	88	....	.184	.....	6.50	1.87	7.1	.....	7.3
December	29.462	30.138	28.897	25.4	.....	35.3	18.5	26.9	59	− 3	22	....	86	....	.124	.....	2.55	.71	7.7	.....	6.5
Year	29.508	30.223	28.295	39.2	.....	50.4	31.5	41.0	92	−30	34	....	82	....	.250	.....	39.75	2.36	6.4	.....	6.0

CHARLES CITY, IOWA.

[ϕ=43° 4′ N.; λ=92° 38′ W.]

January	29.023	29.595	28.517	−4.9	3.9	7.5	-12.2	−2.4	34	−34	−6	−1	97	95	0.037	0.046	0.93	0.30	5.7	5.1	5.6
February	28.953	29.306	28.508	10.9	16.8	21.7	4.9	13.3	39	−20	10	14	96	88	.078	.089	.26	.16	6.4	5.4	7.1
March	29.064	29.565	28.614	16.5	26.7	32.0	14.0	23.0	52	− 6	14	22	91	81	.091	.122	1.36	.48	6.2	5.6	6.4
April	28.848	29.216	28.389	41.1	53.1	59.2	37.1	48.2	73	26	37	41	84	64	.225	.266	2.41	.78	5.9	6.2	6.3
May	28.804	29.175	28.345	53.9	65.8	70.9	49.4	60.2	85	34	48	52	82	63	.353	.400	2.75	1.18	6.3	5.7	6.7
June	28.980	29.358	28.391	58.3	71.2	75.7	52.5	64.1	93	41	52	55	80	59	.400	.454	2.12	.92	4.4	5.1	5.0
July	28.934	29.233	28.644	65.9	78.0	83.3	60.6	72.0	96	47	61	62	86	60	.553	.573	3.82	2.31	4.9	3.7	4.1
August	28.867	29.235	28.631	61.3	73.2	78.8	57.6	68.2	92	44	58	61	90	67	.498	.553	4.33	1.05	6.2	5.8	6.8
September	28.938	29.387	28.706	52.5	62.7	70.9	49.4	60.2	93	29	50	54	92	75	.398	458	1.53	.51	5.6	5.7	6.3
October	28.952	29.376	28.461	40.9	51.8	61.7	37.8	49.8	83	24	38	42	88	69	.234	.274	2.58	1.39	3.7	4.3	4.0
November	28.952	29.417	28.615	29.8	39.0	48.6	26.2	37.4	65	13	26	30	86	68	.145	.169	.64	.64	5.1	4.1	5.6
December	28.849	29.388	28.283	20.9	27.4	35.0	15.6	25.3	52	− 1	19	23	92	81	.111	.127	.98	.68	4.3	4.8	5.3
Year	28.930	29.595	28.283	37.3	47.5	53.8	32.7	43.3	96	−34	34	38	89	72	.260	.294	23.71	2.31	5.4	5.1	5.8

CHARLESTON, S. C.

[ϕ=32° 47′ N.; λ=79° 56′ W.]

January	30.042	30.366	29.648	40.5	45.7	53.7	37.8	45.8	73	20	34	40	78	80	0.212	0.261	3.85	1.25	6.8	5.2	6.9
February	29.959	30.319	29.353	41.8	47.3	54.0	38.3	46.2	67	24	36	40	79	77	.228	.266	5.17	2.22	5.1	3.4	5.2
March	30.062	30.485	29.555	52.2	56.2	63.2	49.0	56.1	81	35	47	50	84	82	.346	.381	4.14	1.17	5.8	5.1	5.7
April	30.047	30.426	29.681	64.9	66.5	72.7	61.2	67.0	88	50	57	59	76	78	.489	.516	4.92	1.71	5.6	4.7	5.7
May	29.946	30.265	29.686	72.8	73.6	80.5	68.6	74.6	95	61	66	66	81	80	.658	.658	3.93	1.54	5.8	5.1	5.6
June	29.996	30.214	29.700	76.3	77.5	83.9	71.3	77.6	98	59	68	70	75	78	.689	.735	6.89	5.95	5.8	6.4	6.3
July	30.012	30.250	29.660	80.0	80.8	86.5	74.8	80.6	97	70	72	74	78	80	.795	.838	3.05	1.38	5.7	5.9	6.4
August	29.988	30.175	29.798	78.5	79.3	88.4	74.0	81.2	97	65	72	72	80	80	.782	.797	2.77	1.19	4.0	5.2	5.5
September	29.954	30.155	29.811	77.4	77.9	84.6	73.8	79.2	100	64	72	73	84	86	.787	.823	10.42	4.27	5.7	6.6	6.8
October	30.015	30.262	29.734	64.3	68.5	74.8	61.2	68.0	83	49	58	61	82	78	.508	.549	.98	.62	4.4	3.5	4.8
November	30.113	30.459	29.592	50.6	56.4	65.3	47.7	56.5	81	34	42	45	73	66	.298	.321	1.30	.64	2.8	2.6	3.2
December	30.101	30.453	29.768	49.8	53.9	60.7	46.5	53.6	76	32	44	46	82	77	.321	.341	3.90	1.37	6.4	6.6	7.2
Year	30.020	30.485	29.353	62.4	65.3	72.4	58.7	65.5	100	20	56	58	79	78	.509	.540	51.32	5.95	5.3	5.0	5.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

CAIRO, ILL.

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

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi*																									
January	10.6	N.	39	N.	0	15	8	6	3	8	7	9	6	0	15	6	10	6	5	6	3	0	2	14	0	24	2	....
February	10.4	NE.	44	NW.	1	9	16	2	5	5	7	3	11	0	10	4	15	8	6	8	4	0	0	7	0	23	2	....
March	10.1	NE.	33	NW.	0	12	15	7	7	9	6	1	5	0	6	8	17	17	14	8	7	0	1	2	0	16	0	....
April	9.6	S.	35	SW.	0	4	3	3	13	15	10	2	10	0	8	6	16	15	12	0	0	0	0	0	0	0	10	....
May	8.4	S.	38	S.	0	3	4	3	12	17	14	5	4	0	10	9	12	9	8	0	0	0	0	0	0	0	8	....
June	7.9	SE.	33	SW.	0	6	13	4	15	5	7	1	9	0	5	10	15	12	10	0	0	0	0	0	0	0	12	....
July	6.9	S.	39	NE.	0	2	13	3	3	17	15	6	3	0	8	11	12	8	5	0	0	0	0	0	9	0	12	....
August	7.4	SW.	36	W.	0	2	11	2	3	13	21	8	2	0	14	9	8	11	9	0	0	0	0	0	6	0	8	....
September	6.8	N.	25	NE.	0	14	13	5	6	7	6	6	3	0	19	6	5	6	5	0	0	0	0	0	11	0	5	....
October	6.7	N.	27	S.	0	20	5	7	6	13	7	0	4	0	15	11	5	6	4	0	0	0	3	0	0	0	3	....
November	9.2	S.	29	W.	0	5	1	1	5	25	8	6	8	1	16	8	6	3	2	0	0	0	0	0	0	6	1	....
December	8.9	S.	28	SW.	0	8	2	3	8	20	11	5	5	0	15	5	11	7	5	2	1	0	1	2	0	16	0	....
Year	8.6	S.	44	NW.	1	100	104	46	86	154	119	52	70	1	141	93	132	108	85	24	15	0	7	25	26	85	63	....

CANTON, N.Y.

[H=448 ft.; h_t=10 ft.; h_r=4 ft.; h_a=61 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.9	W.	56	W.	2	2	4	5	1	2	5	10	2	0	6	9	16	21	15	25	20	0	0	27	0	31	0	2
February	11.9	SW.	54	W.	2	0	0	5	2	3	13	5	1	0	7	12	10	11	9	15	10	0	0	25	0	29	1	0
March	10.3	SW.	36	S.	0	2	4	5	2	5	11	2	0	0	10	13	8	13	9	13	11	0	1	17	0	31	0	0
April	13.7	S.	46	W.	3	2	4	4	0	6	9	3	2	0	10	12	8	14	11	7	5	1	0	4	0	21	2	0
May	11.6	SW.	42	SW.	2	4	5	7	1	4	9	1	0	0	11	10	10	16	16	0	0	0	0	0	0	2	5	0
June	10.8	SW.	39	SW.	0	4	1	2	1	5	11	5	1	0	10	14	6	10	9	0	0	2	0	0	0	0	3	2
July	7.6	SW.	36	SW.	0	4	1	1	0	3	16	4	2	0	14	11	6	9	8	0	0	0	0	0	7	0	5	0
August	7.8	SW.	44	SW.	1	4	3	2	1	7	10	3	1	0	2	11	18	16	15	0	0	1	1	0	0	0	6	0
September	7.3	SW.	28	SW.	0	2	7	3	1	5	10	2	0	0	3	7	20	18	15	1	0	0	1	0	0	1	4	0
October	12.0	SW.	48	SW.	2	1	3	3	0	6	12	3	3	0	15	6	10	13	8	0	0	0	0	0	0	7	1	0
November	13.3	SW.	66	SW.	4	3	2	3	0	3	11	6	2	0	5	7	18	13	13	12	7	0	1	4	0	20	0	0
December	12.7	SW.	62	SW.	4	4	2	3	2	1	14	4	0	1	6	8	17	16	13	15	11	0	0	12	0	29	0	0
Year	10.7	SW.	66	SW.	20	32	36	43	11	50	131	48	14	1	99	120	147	170	141	88	64	4	4	89	7	171	27	4

CHARLES CITY, IOWA.

[H=1,015 ft.; h_t=10 ft.; h_r=4 ft.; h_a=49 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.5	NW.	28	S.	0	15	2	2	9	3	3	11	16	1	11	6	14	7	5	13	7	0	0	29	0	31	0	0
February	7.3	NW.	24	N.	0	14	1	0	3	9	5	6	20	0	5	7	17	4	3	11	4	0	2	24	0	29	0	0
March	6.9	S.	26	S.	0	14	7	4	10	14	6	4	30	0	8	8	15	8	6	10	7	0	2	16	0	30	0	0
April	9.6	S.	36	NW.	0	12	3	2	14	8	9	5	6	1	9	8	13	9	6	1	0	1	1	0	0	6	5	0
May	7.8	S.	28	SW.	0	13	5	8	5	13	3	7	8	0	4	12	15	10	8	0	0	0	1	0	0	0	5	0
June	5.4	SE.	19	SW.	0	7	3	6	10	9	4	7	13	1	14	5	11	7	5	0	0	0	0	0	3	0	6	0
July	6.2	N.	35	NW.	0	18	3	6	9	16	4	0	6	0	16	10	5	11	8	0	0	1	0	0	8	0	8	0
August	5.8	NW.	34	W.	0	11	4	6	6	9	7	9	10	0	4	14	13	14	12	0	0	0	0	0	2	0	8	0
September	5.5	S.	25	SW.	0	8	0	3	6	18	11	5	9	0	5	11	14	12	8	0	0	0	0	0	4	3	5	0
October	7.1	S.	31	SW.	0	8	4	1	12	14	7	5	11	0	17	4	10	9	6	0	0	0	0	0	0	4	3	0
November	7.7	NW.	28	S.	0	9	2	0	11	12	7	3	16	0	7	14	9	1	1	2	0	0	1	1	0	25	1	0
December	8.2	NW.	24	NW.	0	6	0	0	9	11	9	11	16	0	9	13	9	8	3	10	5	0	1	10	0	31	0	0
Year	7.0	S.	36	NW.	0	135	34	38	104	136	75	73	134	3	109	112	145	100	71	47	23	2	8	80	17	159	41	0

CHARLESTON, S. C.

[H=48 ft.; h_t=11 ft.; h_r=76 ft.; h_a=92 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.8	NW.	34	N.	0	9	12	1	0	5	9	11	15	0	5	11	15	12	10	1	0	0	2	0	0	8	0	0
February	11.7	W.	48	NE.	2	5	7	0	7	6	9	13	11	0	11	7	11	9	7	1	1	0	2	0	0	9	3	0
March	12.0	NE.	44	NE.	3	7	14	6	4	8	12	5	6	0	8	14	9	10	8	0	0	0	4	0	0	0	0	0
April	10.4	S.	67	SE.	1	6	9	7	10	12	11	2	3	0	8	11	11	8	8	0	0	0	1	0	0	0	6	0
May	10.8	E.	34	W.	0	5	11	9	7	10	8	8	4	0	10	9	12	12	10	0	0	0	0	0	1	0	5	0
June	11.5	S.	43	NE.	1	2	16	4	6	14	7	9	2	0	7	11	12	6	5	0	0	0	0	0	6	0	2	0
July	10.0	SE.	39	SE.	0	2	11	12	8	11	7	7	4	0	4	18	9	12	10	0	0	0	0	0	8	0	10	0
August	9.0	SW.	34	E.	0	3	3	4	1	10	28	11	2	0	10	11	10	11	7	0	0	0	0	0	14	0	8	0
September	10.5	E.	37	E.	0	6	9	14	9	6	9	4	3	0	6	7	17	14	12	0	0	0	1	0	4	0	12	0
October	10.2	N.	31	N.	0	20	24	7	3	0	1	2	5	0	12	12	7	7	5	0	0	0	3	0	0	0	2	0
November	10.0	N.	36	E.	0	16	7	2	2	4	9	12	8	0	18	6	6	6	5	0	0	0	1	0	0	0	0	0
December	8.8	N.	31	NW.	0	12	13	0	8	5	10	5	9	0	4	8	19	11	8	0	0	0	7	0	0	0	0	0
Year	10.5	NE.	67	SE.	7	93	136	66	65	91	120	89	72	0	103	125	138	118	95	2	1	0	21	0	33	17	48	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

CHARLOTTE, N. C.

[ϕ=35° 13′ N.; λ=80° 51′ 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	29.240	29.565	28.854	29.2	36.8	42.9	26.5	34.7	66	7	23	24	77	59	0.132	0.134	2.81	1.21	5.7	4.7	6.1
February	29.151	29.511	28.328	32.4	41.9	47.6	29.9	38.8	65	15	26	29	78	61	.153	.170	5.00	1.93	4.9	4.1	5.1
March	29.266	29.707	28.731	43.8	51.8	57.8	40.5	49.2	80	26	39	40	84	66	.261	.260	7.86	4.40	6.5	5.4	6.2
April	29.240	29.639	28.746	56.1	64.1	70.5	52.2	61.4	80	39	50	50	81	64	.380	.381	3.92	2.01	6.3	5.2	6.1
May	29.172	29.492	28.851	64.8	72.5	78.9	60.1	69.5	91	49	57	57	78	60	.481	.475	3.14	1.19	5.3	4.9	5.4
June	29.238	29.545	28.843	69.2	73.5	82.5	63.8	73.2	92	50	63	62	81	69	.588	.568	5.39	3.16	6.3	7.2	6.1
July	29.258	29.523	28.915	72.4	77.1	86.4	69.0	77.7	93	65	68	68	86	76	.684	.695	3.56	.84	7.5	6.3	6.2
August	29.210	29.399	28.927	70.7	77.1	85.8	67.0	76.4	95	55	65	66	83	69	.628	.639	1.87	.45	5.8	5.6	5.7
September	29.219	29.479	29.060	69.2	75.4	83.8	66.3	75.0	96	55	65	65	87	72	.629	.625	3.50	1.78	7.4	5.6	6.6
October	29.279	29.571	29.060	55.6	64.3	72.3	52.6	62.4	88	40	50	51	82	65	.374	.398	1.14	.62	3.8	3.7	4.0
November	29.311	29.695	28.829	42.0	52.6	60.7	39.0	49.8	77	26	35	34	75	49	.216	.206	1.90	1.62	3.0	3.1	3.4
December	29.289	29.658	28.908	39.9	47.4	53.3	37.4	45.4	73	24	34	35	80	64	.221	.235	1.34	.48	5.1	5.8	6.1
Year	29.239	29.707	28.328	53.8	61.2	68.5	50.4	59.5	96	7	48	48	81	64	.396	.399	41.43	4.40	5.6	5.1	5.6

CHATTANOOGA, TENN.

[ϕ=35° 4′ N.; λ=85° 14′ W.]

January	29.316	29.605	28.816	31.1	39.0	44.3	27.4	35.8	69	3	25	28	76	64	0.143	0.161	3.94	2.05	7.4	4.3	5.8
February	29.225	29.571	28.473	32.3	41.8	48.3	29.5	38.9	70	5	26	30	77	63	.160	.174	5.04	1.88	6.7	5.4	5.8
March	29.301	29.742	28.711	42.5	52.6	57.7	39.8	48.8	81	26	38	42	84	69	.241	.278	9.31	3.74	7.4	7.2	6.8
April	29.269	29.649	28.826	55.2	64.9	70.5	51.4	61.0	80	39	50	52	84	66	.381	.411	9.55	2.23	7.1	6.6	6.5
May	29.205	29.561	28.833	62.6	73.0	79.2	58.6	68.9	90	47	56	58	80	61	.402	.484	4.49	2.43	4.8	5.5	5.1
June	29.266	29.523	28.971	67.1	74.1	81.2	63.2	72.2	89	55	60	61	79	67	.536	.557	5.75	1.26	5.6	6.5	5.9
July	29.280	29.504	29.044	71.8	78.6	85.5	68.9	77.2	93	64	67	69	86	74	.670	.714	5.81	1.31	5.4	6.3	6.2
August	29.253	29.426	29.002	69.5	77.8	86.0	67.1	76.6	92	58	66	68	88	72	.639	.687	8.88	3.19	5.5	6.0	5.4
September	29.235	29.442	29.051	67.8	76.2	84.1	65.3	74.7	94	51	63	64	84	68	.582	.621	2.36	.98	4.4	5.6	4.9
October	29.317	29.580	29.054	54.8	66.3	73.1	53.0	63.0	85	40	49	53	82	64	.364	.423	1.96	1.15	4.3	4.0	4.4
November	29.408	29.697	29.036	39.6	51.9	59.0	37.4	48.2	76	24	32	33	75	51	.195	.200	.64	.34	3.1	2.6	3.5
December	29.350	29.713	28.981	37.6	45.8	50.5	34.9	42.7	68	23	32	35	79	65	.200	.220	7.26	2.51	6.3	5.4	6.3
Year	29.285	29.742	28.473	52.7	61.8	68.3	49.7	59.0	94	3	47	49	81	65	.381	.411	64.99	3.74	5.7	5.5	5.6

CHEYENNE, WYO.

[ϕ=41° 8′ N.; λ=104° 48′ W.]

January	23.892	24.224	23.448	24.1	29.1	38.6	16.8	27.7	58	−6	14	14	66	58	0.083	0.086	0.44	0.19	2.1	3.8	4.8
February	23.925	24.220	23.554	21.7	26.6	35.3	15.2	25.2	50	−9	16	19	76	73	.090	.104	1.60	.73	5.7	6.6	6.5
March	23.888	24.156	23.580	18.4	25.7	32.9	13.5	23.2	52	−1	14	19	82	76	.083	.107	1.33	.38	4.8	5.3	5.3
April	23.884	24.189	23.300	33.4	45.2	50.8	29.6	40.2	62	17	25	26	71	50	.132	.142	1.62	1.28	4.1	5.8	4.8
May	23.958	24.284	23.651	42.9	58.2	62.7	38.1	50.4	81	28	31	30	65	38	.176	.165	1.37	.75	4.1	6.1	4.7
June	24.096	24.280	23.721	50.3	63.8	71.4	45.6	58.5	86	33	41	40	71	46	.259	.252	1.17	.29	3.0	6.0	5.2
July	24.110	24.330	23.931	56.6	69.1	77.3	52.8	65.0	86	46	48	49	72	53	.335	.353	1.82	.39	5.7	7.1	6.1
August	24.080	24.255	23.870	54.8	70.4	78.2	52.5	65.4	89	41	44	46	71	46	.299	.318	1.44	.62	2.9	5.5	4.6
September	24.066	24.337	23.734	41.8	52.0	60.7	37.6	49.2	81	22	33	36	74	60	.193	.216	3.91	1.56	5.6	5.8	5.7
October	24.021	24.333	23.603	36.6	46.1	56.0	31.9	44.0	72	20	28	32	73	60	.165	.180	2.59	1.07	4.0	3.9	4.8
November	24.057	24.450	23.593	34.4	39.0	49.7	27.2	38.4	65	5	17	21	51	50	.095	.114	.58	.50	3.5	3.9	5.0
December	23.939	24.263	23.530	22.8	26.6	35.5	15.1	25.3	51	−5	13	14	65	58	.076	.078	.63	.22	2.5	2.7	4.3
Year	23.993	24.450	23.300	36.5	46.0	54.1	31.3	42.7	89	−9	27	29	70	56	.166	.176	18.50	1.56	4.0	5.2	5.2

CHICAGO, ILL.

[ϕ=41° 53′ N.; λ=87° 37′ W.]

January	29.189	29.652	28.729	9.6	14.6	18.7	5.1	11.9	38	−16	4	7	75	69	0.055	0.065	0.84	0.26	6.6	5.3	6.2
February	29.119	29.570	28.434	19.4	23.5	27.7	15.8	21.8	50	−7	14	16	78	71	.092	.099	1.57	.78	6.0	6.3	6.0
March	29.260	29.756	28.763	25.6	30.9	34.7	22.9	28.8	56	6	20	23	77	72	.113	.127	2.20	1.08	6.9	5.2	6.1
April	29.079	29.454	28.650	44.9	51.2	56.8	40.8	48.8	75	31	37	39	75	64	.231	.245	2.55	1.05	5.6	4.0	4.9
May	29.035	29.372	28.630	55.9	62.1	68.7	51.1	59.9	88	39	48	49	75	65	.340	.363	3.97	1.66	5.3	6.1	5.4
June	29.170	29.519	28.658	62.8	67.2	73.7	58.4	66.0	87	49	53	52	70	60	.410	.405	1.78	.92	3.7	3.7	3.9
July	29.146	29.451	28.882	69.3	73.8	79.5	66.3	72.9	92	57	62	62	78	69	.571	.583	3.86	1.87	4.7	4.3	5.2
August	29.077	29.406	28.771	66.8	72.4	77.4	64.5	71.0	95	55	61	63	82	74	.547	.595	3.59	1.83	4.4	5.1	5.5
September	29.151	29.516	28.878	64.0	68.3	74.3	61.1	67.7	94	39	57	56	77	66	.490	.476	3.26	1.49	4.7	3.3	4.6
October	29.179	29.585	28.798	50.5	58.6	63.3	48.3	55.8	84	38	42	45	74	69	.280	.315	3.52	1.11	4.4	2.3	3.9
November	29.146	29.539	28.692	39.4	45.6	49.4	36.2	42.8	70	25	32	34	73	63	.185	.206	1.45	.77	4.5	4.4	5.0
December	29.079	29.532	28.604	30.6	35.8	40.4	26.3	33.4	57	3	23	25	72	64	.134	.145	1.08	.45	5.4	5.2	5.5
Year	29.136	29.756	28.434	44.9	50.3	55.4	41.4	48.4	95	−16	38	39	76	67	.287	.302	29.67	1.87	5.2	4.6	5.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

CHARLOTTE, N. C.

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

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	6.8	NE.	24	W.	0	8	20	4	1	9	9	6	5	0	9	6	16	10	7	4	3	0	1	5	0	21	0	0
February	7.6	S.	46	SW.	1	9	13	3	3	13	10	4	3	0	10	9	10	11	9	4	3	0	3	0	0	19	2	0
March	7.7	NE.	38	SW.	0	10	16	7	2	7	16	2	2	0	9	6	16	15	14	2	1	0	2	0	0	8	1	0
April	7.6	S.	35	SW.	0	4	10	2	7	21	12	1	3	0	9	7	14	11	10	0	0	0	2	0	0	0	3	0
May	6.0	SW.	26	SW.	0	7	10	7	6	10	12	4	6	0	9	13	9	11	10	0	0	0	1	0	2	0	8	0
June	5.9	SW.	26	NW.	0	4	13	7	8	7	15	5	1	0	7	12	11	10	9	0	0	0	0	0	3	0	10	0
July	5.3	SW.	34	SW.	0	8	5	7	11	10	12	5	3	1	4	17	10	18	12	0	0	0	1	0	3	0	12	0
August	5.6	SW.	30	W.	0	1	8	4	8	3	16	12	10	0	6	17	8	10	10	0	0	0	1	0	7	0	9	0
September	5.2	NE.	22	SW.	0	1	19	5	12	5	4	3	10	1	5	10	15	10	8	0	0	0	2	0	6	0	2	0
October	5.4	NE.	18	NE.	0	3	23	4	4	13	2	6	4	3	15	8	8	5	4	0	0	0	0	0	0	0	0	0
November	6.0	SW.	25	W.	0	10	5	7	2	7	14	7	8	0	18	6	6	6	6	2	2	0	0	0	0	9	1	0
December	6.3	SW.	29	S.	0	6	9	3	4	13	19	1	6	1	10	7	14	13	9	2	0	0	6	0	0	12	0	0
Year	6.3	NE.	46	SW.	1	71	151	60	68	118	141	56	61	6	111	118	137	130	108	14	9	0	19	5	21	69	48	0

CHATTANOOGA, TENN.

[H = 762 ft.; h_t = 189 ft.; h_r = 167 ft.; h_a = 213 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.5	NW.	40	NW.	1	3	8	5	8	6	8	8	16	0	9	10	12	12	8	7	5	0	2	5	0	21	0	0
February	9.1	NW.	43	SW.	2	9	10	1	3	5	4	12	14	0	7	14	8	14	10	8	5	1	2	2	0	19	3	0
March	9.0	NE.	30	NW.	0	8	12	1	7	10	9	8	7	0	8	5	18	19	12	1	0	0	3	0	0	4	0	0
April	9.6	S.	44	S.	1	8	4	2	7	13	10	7	9	0	6	9	15	15	14	0	0	0	1	0	0	0	6	0
May	7.3	NE.	43	SW.	1	5	14	1	5	12	12	6	7	0	9	12	10	12	11	0	0	0	1	0	1	0	7	0
June	6.7	SW.	48	SE.	1	8	13	1	5	4	15	5	9	0	6	13	11	17	15	0	0	0	1	0	0	0	13	0
July	6.4	W.	36	NW.	0	5	7	3	12	8	10	13	4	0	6	12	13	15	13	0	0	0	7	0	7	0	11	0
August	6.2	SW.	37	NW.	0	5	7	2	2	9	19	14	4	0	7	21	3	15	12	0	0	0	7	0	7	0	13	0
September	6.2	NE.	32	SE.	0	7	15	0	5	5	8	12	8	0	12	10	8	9	6	0	0	0	5	0	8	0	5	0
October	6.1	N.	28	N.	0	16	11	1	11	5	6	3	9	0	13	11	7	7	5	0	0	0	5	0	0	0	0	0
November	7.2	NW.	30	NW.	0	8	4	4	4	5	7	12	16	0	16	9	5	4	3	2	1	0	12	0	0	9	0	0
December	6.6	NE.	36	W.	0	7	13	1	7	4	12	9	9	0	9	6	16	15	12	1	0	0	7	0	0	13	1	0
Year	7.4	SW.	48	SE.	6	89	118	22	76	86	120	109	112	0	108	132	126	154	121	19	11	1	53	7	23	66	59	0

CHEYENNE, WYO.

[H = 6,088 ft.; h_t = 58 ft.; h_r = 50 ft.; h_a = 64 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	14.0	NW.	50	NW.	3	5	3	1	1	2	4	20	26	0	13	10	8	5	3	8	5	0	0	7	0	26	0	0
February	11.4	NW.	42	NW.	3	13	4	1	0	2	6	5	27	0	3	17	9	10	8	14	10	0	2	11	0	28	0	0
March	9.5	N.	48	NW.	2	14	6	4	2	11	5	14	6	0	7	18	6	12	8	18	12	0	3	14	0	31	0	0
April	11.6	NW.	62	NW.	4	11	2	1	1	13	7	7	18	0	10	15	5	7	3	11	7	0	0	0	0	20	1	0
May	11.9	NW.	45	NW.	1	11	5	1	2	12	8	7	16	0	9	16	6	8	5	5	3	0	0	0	0	6	1	0
June	9.1	S.	31	S.	0	5	2	2	9	12	5	8	17	0	10	13	7	12	8	0	0	2	0	0	0	0	10	0
July	8.3	S.	40	W.	1	6	2	1	5	16	9	8	15	0	5	18	8	15	10	0	0	1	0	0	0	0	15	0
August	8.4	NW.	30	W.	0	6	3	2	7	8	9	8	18	1	8	20	3	9	6	0	0	1	0	0	0	0	10	0
September	9.1	NW.	33	NW.	0	12	6	4	1	8	8	6	15	0	8	10	12	11	10	8	7	2	3	0	0	9	6	0
October	8.1	NW.	40	NW.	1	8	1	3	5	5	8	12	20	0	12	10	9	9	7	8	7	0	0	1	0	16	1	0
November	10.1	NW.	42	NW.	1	7	2	0	0	3	4	18	26	0	11	12	7	2	2	3	2	0	0	1	0	20	0	0
December	14.1	NW.	60	NW.	5	6	2	0	0	1	3	17	33	0	13	12	6	6	4	10	6	0	0	8	0	29	0	0
Year	10.5	NW.	62	NW.	21	104	38	20	33	93	76	130	237	1	109	171	86	106	74	85	59	6	8	42	0	185	44	0

CHICAGO, ILL.

[H = 823 ft.; h_t = 140 ft.; h_r = 133 ft.; h_a = 310 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	14.2	W.	41	W.	1	2	0	3	3	9	6	24	15	0	8	8	15	12	7	17	11	0	5	28	0	31	0	0
February	14.4	W.	53	N.	3	2	7	0	2	10	10	14	13	0	7	10	12	6	5	14	6	0	1	19	0	26	0	0
March	13.5	NE.	43	NE.	1	13	14	4	4	7	8	9	3	0	7	11	13	7	5	10	7	0	2	14	0	27	0	0
April	16.5	SW.	51	S.	3	9	8	4	6	6	12	7	8	0	14	7	9	9	6	3	1	0	0	0	0	3	2	0
May	14.1	S.	43	N.	3	7	4	6	8	11	12	7	7	0	13	8	10	15	11	0	0	0	0	0	0	0	14	0
June	10.3	SW.	41	W.	1	12	11	7	3	4	11	9	3	0	15	12	3	7	6	0	0	0	0	0	0	0	7	0
July	10.8	SW.	33	SW.	0	8	16	5	7	15	8	0	3	0	8	15	8	9	9	0	0	0	1	0	3	0	8	0
August	11.1	SW.	32	SW.	0	2	12	2	5	6	20	10	5	0	8	15	8	9	8	0	0	1	0	0	3	0	9	0
September	11.2	SW.	32	W.	0	3	9	5	4	7	21	8	3	0	13	10	7	11	7	0	0	0	0	0	5	0	5	0
October	12.7	SW.	40	W.	1	4	5	0	9	8	16	12	8	0	17	6	8	9	8	0	0	0	1	0	0	0	3	0
November	15.4	SW.	40	W.	1	1	0	0	2	9	25	13	10	0	12	10	8	7	6	6	1	0	0	0	0	11	1	0
December	16.5	SW.	45	SW.	2	0	1	1	2	9	28	16	5	0	11	7	13	9	7	7	1	0	1	5	0	22	0	0
Year	13.4	SW.	53	N.	16	63	87	37	55	101	177	129	83	0	133	119	114	110	85	57	27	1	11	66	11	120	49	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

CINCINNATI, OHIO.

[ϕ=39° 6′ N.; λ=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	29.431	29.868	28.918	18.6	24.5	29.9	14.0	22.0	48	−9	13	18	76	76	0.084	0.113	2.21	0.67	6.8	4.9	6.1
February	29.352	29.786	28.316	22.4	29.4	35.3	18.1	26.7	58	−7	18	21	80	68	.108	.118	2.11	.95	6.6	5.0	6.2
March	29.447	29.963	28.688	33.9	40.3	45.7	29.9	37.8	74	15	28	33	80	75	.167	.196	4.73	.92	7.5	6.2	7.5
April	29.338	29.744	28.853	51.5	60.4	66.3	47.5	56.9	82	30	42	44	72	58	.288	.309	5.62	1.58	6.3	5.9	5.9
May	29.294	29.634	28.909	61.9	70.3	75.9	56.4	66.2	88	42	53	52	73	55	.410	.408	4.64	1.57	5.5	5.2	5.2
June	29.387	29.740	28.963	66.0	74.2	80.2	61.2	70.7	89	46	56	58	71	59	.464	.496	2.16	.56	5.5	5.5	5.6
July	29.375	29.604	29.065	73.1	79.5	86.2	68.6	77.4	96	59	66	67	79	67	.648	.666	5.11	2.56	4.5	6.7	6.0
August	29.328	29.582	28.992	68.2	76.4	82.5	65.1	73.8	92	52	63	69	84	78	.595	.718	5.00	1.93	6.3	5.5	6.3
September	29.385	29.665	29.148	64.7	73.4	80.7	61.1	70.9	95	43	58	60	81	64	.518	.553	1.95	.81	3.7	3.6	4.5
October	29.438	29.799	29.056	51.5	63.0	70.3	47.9	59.1	87	37	45	54	79	73	.312	.435	2.12	.99	3.8	2.4	4.4
November	29.459	29.813	29.007	39.9	48.3	54.8	36.9	45.8	72	24	31	37	71	66	.179	.234	.71	.38	4.3	4.8	5.2
December	29.417	29.853	28.864	33.3	39.1	45.5	28.9	37.2	65	13	27	31	75	73	.156	.184	2.25	.67	5.0	4.2	5.6
Year	29.388	29.963	28.316	48.8	56.6	62.8	44.6	53.7	96	−9	42	45	77	68	.327	.369	38.61	2.56	5.5	5.0	5.7

CLEVELAND, OHIO.

[ϕ=41° 30′ N.; λ=81° 42′ W.]

January	29.218	29.727	28.549	14.0	17.7	22.3	9.4	15.8	45	−8	8	10	74	69	0.069	0.076	3.13	0.74	8.5	8.0	8.4
February	29.152	29.674	28.078	17.6	23.1	27.2	15.0	21.1	51	−8	12	16	75	72	.082	.097	2.04	.78	7.6	8.2	7.0
March	29.306	29.788	28.579	25.9	30.0	35.9	22.1	29.0	64	9	20	24	76	78	.116	.135	2.14	.69	4.8	6.9	6.6
April	29.164	29.620	28.747	44.3	48.9	56.7	39.4	48.0	77	22	37	38	76	68	.229	.242	3.68	1.04	6.3	6.4	5.9
May	29.115	29.376	28.717	57.3	63.3	68.9	51.1	60.0	86	36	49	49	74	62	.356	.364	2.55	.74	5.3	5.7	4.8
June	29.229	29.647	28.830	62.9	68.1	72.1	57.5	64.8	85	43	53	54	70	62	.414	.433	1.96	1.62	3.5	4.3	4.1
July	29.221	29.468	28.900	68.7	72.2	77.3	64.6	71.0	88	56	61	62	78	71	.557	.569	8.13	2.54	5.1	6.0	6.3
August	29.152	29.422	28.768	64.1	69.6	74.0	61.3	67.6	87	52	59	62	83	78	.505	.571	4.54	.80	6.6	7.0	7.0
September	29.230	29.548	28.943	62.8	67.9	73.4	59.7	66.6	88	42	57	58	81	72	.488	.515	2.39	.98	5.7	5.7	5.6
October	29.256	29.664	28.974	50.4	57.2	63.8	47.8	55.8	81	37	44	47	80	71	.304	.341	3.16	1.28	5.1	5.2	5.5
November	29.209	29.620	28.706	39.7	44.0	49.7	37.4	43.6	68	26	33	35	75	70	.192	.214	.89	.42	6.5	6.4	6.4
December	29.178	29.550	28.652	31.4	34.9	40.5	27.1	33.8	60	11	24	26	74	71	.139	.150	1.33	.35	5.6	6.7	6.9
Year	29.202	29.788	28.078	44.9	49.7	55.2	41.0	48.1	88	−8	38	40	76	70	.288	.309	35.94	2.54	5.9	6.4	6.2

COLUMBIA, MO.

[ϕ=38° 57′ N.; λ=92° 20′ W.]

January	29.293	29.791	28.853	13.5	.....	25.3	9.6	17.4	51	−20	6	....	70	....	0.074	.....	0.25	0.11	5.1	.....	4.8
February	29.198	29.579	28.671	22.3	.....	34.2	19.1	26.6	55	−11	18	....	82	....	.105	.....	1.74	.83	5.8	.....	6.7
March	29.271	29.763	28.886	28.1	.....	41.5	25.4	33.4	72	11	24	....	85	....	.139	.....	6.23	1.60	6.4	.....	6.7
April	29.113	29.551	28.760	49.3	.....	65.3	45.6	55.4	80	34	42	....	77	....	.276	.....	5.34	2.35	6.2	.....	5.9
May	29.058	29.442	28.601	62.1	.....	78.5	57.1	67.8	92	41	54	....	76	....	.433	.....	3.25	1.15	5.2	.....	5.1
June	29.207	29.501	28.724	64.3	.....	78.8	59.4	69.1	89	48	57	....	77	....	.469	.....	3.50	1.06	4.9	.....	5.2
July	29.181	29.396	29.090	72.5	.....	88.5	68.9	78.7	96	60	66	....	81	....	.655	.....	1.88	1.20	4.6	.....	4.9
August	29.133	29.427	28.978	69.5	.....	85.7	65.9	75.8	97	51	64	....	83	....	.606	.....	4.91	1.24	5.2	.....	4.5
September	29.196	29.601	29.053	60.7	.....	77.7	57.7	67.7	98	32	55	....	81	....	.461	.....	3.55	1.75	4.5	.....	5.2
October	29.241	29.560	28.908	49.7	.....	70.4	45.9	58.2	89	30	44	....	81	....	.303	.....	4.07	1.67	3.9	.....	3.6
November	29.284	29.733	28.937	37.9	.....	55.5	34.1	44.8	75	19	32	....	78	....	.189	.....	1.33	1.24	3.6	.....	4.0
December	29.231	29.770	28.800	30.4	.....	46.2	25.5	35.8	64	9	22	....	70	....	.121	.....	.40	.21	3.5	.....	3.4
Year	29.200	29.791	28.601	46.7	.....	62.3	42.8	52.6	98	−20	40	....	78	....	.319	.....	36.45	2.35	4.9	.....	5.0

COLUMBIA, S. C.

[ϕ=34° 0′ N.; λ=81° 3′ W.]

January	29.713	30.045	29.307	33.9	42.2	48.5	31.8	40.2	74	10	26	27	74	57	0.155	0.158	4.02	2.05	6.2	3.6	5.7
February	29.620	29.971	29.052	35.4	45.5	52.7	32.5	42.6	74	18	29	30	76	56	.172	.176	5.52	2.19	3.9	3.6	4.4
March	29.729	30.183	29.211	46.9	56.2	62.9	44.0	53.4	84	29	41	42	80	62	.276	.279	4.56	1.63	5.8	5.0	6.2
April	29.707	30.100	29.255	59.0	68.0	74.4	55.6	65.0	83	40	51	51	78	58	.407	.401	2.77	0.61	5.8	5.1	5.6
May	29.618	29.953	29.343	67.7	74.8	82.7	63.6	73.2	96	53	60	59	77	61	.527	.514	2.62	1.03	5.6	5.0	5.2
June	29.678	29.955	29.270	71.4	76.1	84.9	66.2	75.6	96	54	64	63	78	66	.616	.595	5.54	2.20	6.0	6.8	6.2
July	29.696	29.959	29.347	74.8	79.5	89.2	70.8	80.0	96	66	69	69	83	72	.712	.710	4.02	1.34	5.2	6.1	5.9
August	29.660	29.844	29.412	72.9	79.1	88.9	69.8	79.4	98	61	68	68	84	71	.688	.697	4.80	1.56	5.6	5.6	5.5
September	29.645	29.905	29.499	71.8	77.2	85.9	69.5	77.7	99	58	68	68	88	74	.691	.684	5.98	3.77	7.0	4.5	5.9
October	29.716	29.992	29.490	57.7	67.1	75.5	55.0	65.2	88	42	52	54	83	64	.410	.431	1.47	1.13	4.3	3.2	3.8
November	29.784	30.160	29.265	43.0	55.4	64.3	40.2	52.2	78	28	35	35	74	47	.224	.221	2.41	1.75	2.4	1.8	2.5
December	29.765	30.141	29.407	43.8	51.1	58.3	40.8	49.6	77	26	37	39	78	64	.253	.267	2.09	1.50	6.2	4.8	5.6
Year	29.694	30.183	29.052	56.5	64.4	72.4	53.3	62.8	99	10	50	50	79	63	.426	.428	45.80	3.77	5.3	4.6	5.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

CINCINNATI, OHIO.

[H=628 ft.; h_t=152 ft.; h_r=145 ft.; h_a=160 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	8.3	W.	41	W.	1	3	11	4	8	1	13	13	9	0	10	7	14	14	8	17	11	0	0	14	0	29	0	0
February	8.3	W.	32	W.	0	4	8	3	10	0	11	14	8	0	7	9	13	8	6	11	5	0	4	11	0	25	0	0
March	7.3	NE.	25	W.	0	9	13	8	11	0	6	4	11	0	5	6	20	17	15	10	7	0	2	4	0	20	1	0
April	7.4	SW.	28	W.	0	4	4	7	10	6	13	11	5	0	10	8	12	15	13	1	1	1	0	0	0	1	7	0
May	6.4	SW.	28	W.	0	4	6	8	14	5	15	7	3	0	12	8	11	13	10	0	0	1	1	0	0	0	8	0
June	6.0	SW.	45	W.	1	6	10	9	4	4	15	9	3	0	8	13	9	13	10	0	0	0	0	0	0	0	12	0
July	5.9	SE.	29	W.	0	3	4	5	23	3	7	8	9	0	4	20	7	12	8	0	0	0	1	0	4	0	13	0
August	5.8	SW.	26	NW.	0	7	8	5	9	1	19	10	3	0	2	18	11	14	12	0	0	0	0	0	2	0	10	0
September	5.4	NE.	30	N.	0	10	13	6	8	3	9	6	5	0	14	8	8	6	4	0	0	0	1	0	8	0	5	0
October	5.1	SE.	21	W.	0	2	6	9	13	2	13	4	13	0	14	9	8	6	4	0	0	0	5	0	0	0	0	0
November	7.2	SW.	26	W.	0	1	0	3	9	5	21	13	8	0	12	7	11	4	3	2	1	0	3	0	0	9	0	0
December	7.1	SE.	35	W.	0	0	0	6	19	2	15	16	4	0	11	7	13	9	9	6	2	0	2	1	0	21	0	0
Year	6.7	SW.	45	W.	2	53	83	73	138	32	157	115	81	0	109	120	137	131	102	47	27	2	19	30	14	105	56	0

CLEVELAND, OHIO.

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

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	16.4	SW.	50	SW.	6	8	3	2	7	9	18	12	3	0	1	7	23	24	19	26	20	0	1	25	0	31	0	0
February	14.3	S.	65	W.	4	6	2	1	4	15	21	9	0	0	3	11	15	16	12	17	15	0	1	18	0	25	1	0
March	12.9	W.	36	W.	0	12	10	1	15	4	4	9	7	0	7	10	14	19	12	15	13	1	4	12	0	27	0	0
April	16.4	W.	58	S.	6	6	8	1	10	13	10	9	3	0	6	12	12	14	10	4	1	2	0	1	0	5	4	0
May	12.9	SE.	47	W.	3	8	5	2	18	10	5	11	3	0	9	13	9	10	10	0	0	0	0	0	0	0	5	0
June	11.3	N.	44	SE.	1	14	6	4	11	7	9	4	5	0	15	8	7	7	3	0	0	0	0	0	0	0	5	0
July	10.5	N.	49	SW.	2	9	7	1	13	15	3	5	9	0	4	12	15	12	10	0	0	0	0	0	0	0	12	0
August	12.2	SE.	54	SW.	1	8	4	2	16	10	11	8	3	0	1	14	16	16	14	0	0	1	0	0	0	0	7	0
September	11.0	SE.	36	N.	0	11	5	5	16	10	3	4	6	0	7	14	9	14	11	0	0	0	2	0	0	0	5	0
October	13.9	SE.	38	W.	0	1	1	3	24	10	9	5	9	0	12	5	14	9	8	0	0	0	0	0	0	0	2	0
November	17.7	S.	50	W.	6	1	0	0	8	23	16	9	3	0	8	7	15	12	7	7	3	0	0	0	0	9	1	0
December	18.0	SW.	46	NW.	4	1	0	1	14	19	20	6	1	0	6	6	19	11	8	11	7	0	1	5	0	21	0	0
Year	14.0	SE.	65	W.	33	85	51	23	156	145	129	91	52	0	79	119	168	164	124	80	59	4	9	61	0	118	42	0

COLUMBIA, MO.

[H=784 ft.; h_t=11 ft.; h_r=3 ft.; h_a=84 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.3	NE.	38	NW.	0	3	7	2	3	2	6	3	5	0	14	9	8	4	2	7	3	0	1	20	0	30	0	0
February	9.6	NW.	37	NW.	0	4	3	1	3	3	3	6	6	0	6	10	13	6	3	8	4	0	2	11	0	25	1	0
March	8.8	N.	28	SW.	0	5	7	7	3	3	2	1	3	0	7	10	14	15	11	12	10	0	0	7	0	22	1	0
April	10.2	S.	38	S.	0	4	3	2	5	8	0	5	3	0	9	8	13	10	12	1	1	1	1	0	0	0	7	0
May	8.0	S.	34	SW.	0	1	1	2	8	12	3	1	3	0	12	9	10	11	10	0	0	1	0	0	2	0	9	0
June	6.0	SE.	33	NW.	0	4	5	5	7	3	1	4	1	0	12	6	12	9	8	0	0	1	0	0	0	0	8	0
July	6.4	S.	20	W.	0	4	2	5	3	12	3	0	2	0	12	12	7	8	6	0	0	0	0	0	12	0	12	0
August	6.6	S.	39	SW.	0	2	3	2	3	12	3	2	4	0	16	6	9	15	15	0	0	0	0	0	10	0	14	0
September	5.7	SE.	39	N.	0	1	3	1	11	4	2	1	7	0	13	4	13	9	4	0	0	1	1	0	10	1	6	0
October	7.0	S.	28	SW.	0	4	1	3	7	9	3	1	3	0	16	8	7	11	10	1	1	0	0	0	0	1	5	0
November	9.4	S.	35	NW.	0	2	0	1	5	9	3	4	6	0	12	14	4	4	2	2	1	0	0	0	0	17	1	0
December	10.0	S.	35	W.	0	1	1	1	2	13	4	5	4	0	18	7	6	4	3	2	0	0	1	2	0	28	0	0
Year	8.1	S.	39	SW.	0	35	36	32	60	90	33	33	47	0	147	103	116	112	86	33	20	4	6	40	34	124	64	0

COLUMBIA, S. C.

[H=351 ft.; h_t=41 ft.; h_r=32 ft.; h_a=57 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.0	W.	27	NE.	0	7	16	5	1	1	10	18	4	0	10	8	13	8	6	4	2	0	0	2	0	15	0	0
February	8.5	W.	46	W.	2	10	10	3	2	5	7	15	6	0	14	8	7	9	9	2	1	0	1	0	0	14	1	0
March	8.2	NE.	57	SW.	1	7	14	9	4	3	11	11	3	0	8	7	16	12	11	0	0	0	2	0	0	2	1	0
April	8.0	SW.	40	SW.	1	6	4	5	6	11	20	3	5	0	9	7	14	12	9	0	0	0	1	0	0	0	6	0
May	6.2	E.	30	SW.	0	1	7	13	5	11	12	3	9	1	12	8	11	9	8	0	0	0	1	0	3	0	6	0
June	6.5	SW.	31	SW.	0	2	10	8	6	9	11	11	3	0	6	10	14	10	8	0	0	0	1	0	7	0	7	0
July	5.6	SW.	26	S.	0	3	8	13	8	6	15	7	2	0	6	16	9	11	8	0	0	0	3	0	10	0	9	0
August	6.0	SW.	33	S.	0	1	6	7	5	5	27	7	2	2	6	17	8	8	7	0	0	0	2	0	16	0	12	0
September	5.0	E.	25	E.	0	3	12	16	7	6	7	4	3	2	8	12	10	14	13	0	0	0	3	0	7	0	4	0
October	5.0	NE.	18	NE.	0	11	19	7	9	0	6	7	2	1	18	7	6	5	5	0	0	0	1	0	0	0	0	0
November	5.7	N.	25	SW.	0	20	5	5	2	3	5	11	9	0	21	7	2	6	6	1	1	0	0	0	0	10	0	0
December	5.9	SW.	33	SW.	0	8	9	5	4	5	18	12	1	0	12	5	14	11	8	0	0	0	2	0	0	8	0	0
Year	6.5	SW.	57	SW.	4	79	120	96	59	65	149	109	49	6	130	112	124	115	98	7	4	0	17	2	43	49	46	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

COLUMBUS, OHIO.

[ϕ=39° 58′ N.; λ=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	29.184	29.656	28.561	16.6	21.0	26.4	12.0	19.2	46	− 5	12	16	79	77	0.082	0.098	1.58	0.50	7.5	5.5	7.1
February	29.110	29.561	27.999	19.5	26.0	31.6	15.3	23.4	55	− 7	15	18	82	70	.099	.110	1.53	.68	6.5	5.0	6.2
March	29.232	29.738	28.467	30.3	36.1	42.0	26.5	34.2	70	11	26	29	83	76	.149	.170	4.56	1.26	6.2	6.7	6.9
April	29.130	29.573	28.603	47.7	55.7	63.1	43.7	53.4	79	28	40	43	76	64	.265	.292	4.20	.98	6.0	5.5	5.4
May	29.084	29.380	28.736	59.3	66.9	73.9	54.5	64.2	86	38	52	54	77	65	.394	.426	2.65	.74	6.0	4.6	3.8
June	29.183	29.554	28.781	64.0	71.6	78.4	58.0	68.2	89	43	54	56	71	60	.440	.473	1.48	.76	5.1	6.2	4.3
July	29.174	29.415	28.852	69.9	76.1	84.4	65.4	74.9	95	56	65	65	84	69	.618	.621	3.50	.83	6.8	6.9	6.5
August	29.124	29.376	28.765	65.1	72.8	79.9	61.5	70.7	90	49	60	61	85	68	.538	.559	2.25	.44	6.3	5.4	6.6
September	29.189	29.483	28.932	62.0	70.6	78.0	58.1	68.0	94	38	57	58	84	66	.496	.513	2.83	1.11	4.3	2.5	3.7
October	29.225	29.608	28.877	49.0	59.2	67.0	45.5	56.2	85	35	43	46	80	63	.290	.326	1.71	.85	3.5	2.4	3.7
November	29.215	29.580	28.708	37.2	44.5	51.0	34.2	42.6	70	22	31	35	78	70	.182	.216	1.01	.80	5.3	4.6	4.5
December	29.178	29.599	28.645	31.4	36.0	42.1	26.8	34.4	61	10	25	27	77	69	.147	.157	2.34	.66	5.3	5.3	5.9
Year	29.168	29.738	27.999	46.0	53.0	59.8	41.8	50.8	95	− 7	40	42	80	68	.308	.330	29.64	1.26	5.7	5.0	5.4

CONCORD, N. H.

[ϕ=43° 12′ N.; λ=71° 32′ W.]

January	29.643	30.211	28.616	9.8	.....	22.7	4.9	13.8	48	−20	5	....	81	....	0.064	.....	2.59	1.09	5.6	.....	5.7
February	29.543	30.069	28.502	16.0	.....	30.3	11.9	21.1	47	− 9	10	....	74	....	.073	.....	1.66	.78	4.8	.....	4.6
March	29.763	30.375	29.044	25.4	.....	39.1	19.9	29.5	58	− 9	19	....	76	....	.115	.....	4.89	1.65	4.9	.....	5.1
April	29.660	30.303	29.004	39.7	.....	55.0	33.4	44.2	78	22	34	....	79	....	.198	.....	2.58	.88	5.5	.....	6.1
May	29.652	30.051	29.231	54.8	.....	67.0	45.1	56.0	87	31	50	....	84	....	.369	.....	4.70	1.09	5.8	.....	6.5
June	29.667	29.964	29.415	62.4	.....	75.9	49.5	62.7	90	34	52	....	70	....	.407	.....	1.06	.78	3.3	.....	4.2
July	29.659	30.010	29.263	68.8	.....	82.4	58.0	70.2	97	43	58	....	71	....	.511	.....	2.43	.67	3.6	.....	4.6
August	29.623	29.978	29.276	61.6	.....	74.8	54.2	64.5	87	38	55	....	81	....	.451	.....	3.39	.82	5.4	.....	5.5
September	29.766	30.060	29.468	54.7	.....	69.1	48.5	58.8	83	36	51	....	87	....	.387	.....	3.14	1.22	6.3	.....	6.6
October	29.727	30.147	29.402	45.0	.....	62.6	39.2	50.9	82	26	40	....	84	....	.259	.....	2.54	1.34	5.0	.....	4.4
November	29.654	30.121	29.101	34.4	.....	48.6	30.1	39.4	68	17	28	....	78	....	.160	.....	3.74	1.23	5.3	.....	6.0
December	29.670	30.305	29.121	27.4	.....	39.9	23.6	31.8	61	8	21	....	77	....	.119	.....	3.71	1.23	5.5	.....	5.5
Year	29.671	30.375	28.502	41.7	.....	55.6	34.9	45.2	97	−20	35	....	78	....	.259	.....	36.43	1.65	5.1	.....	5.4

CONCORDIA, KANS.

[ϕ=39° 35′ N.; λ=97° 41′ W.]

January	28.638	29.191	28.108	11.7	18.0	24.2	7.9	16.0	50	−21	6	13	87	79	0.071	0.084	0.03	0.02	4.4	5.6	5.6
February	28.586	29.093	28.152	24.0	32.1	37.6	20.9	29.2	54	1	20	26	84	76	.113	.141	2.41	1.32	6.0	7.5	7.3
March	28.620	29.086	28.135	24.7	33.9	38.5	22.0	30.2	71	3	21	27	85	76	.117	.153	1.32	.42	6.7	6.1	7.1
April	28.442	28.870	27.877	45.4	60.1	64.8	43.4	54.1	87	29	38	38	76	48	.239	.247	1.35	.93	5.6	6.1	5.7
May	28.395	28.852	28.026	58.6	73.0	78.9	54.3	66.6	96	38	50	52	74	48	.375	.399	3.26	1.49	5.7	5.1	5.7
June	28.565	28.900	28.019	62.0	75.8	80.8	58.3	69.6	95	49	54	55	77	51	.430	.439	2.96	2.38	6.6	5.3	5.5
July	28.506	28.814	28.228	71.0	86.7	92.4	68.3	80.4	103	60	62	62	75	46	.569	.569	1.33	.45	6.0	5.1	4.9
August	28.460	28.739	28.247	68.3	82.4	88.4	66.0	77.2	101	55	62	64	82	56	.573	.614	5.18	2.03	5.2	3.9	4.8
September	28.544	29.008	28.200	57.5	67.7	76.6	54.9	65.8	99	32	50	52	77	60	.392	.412	2.68	.97	5.7	4.9	5.9
October	28.558	28.938	28.067	47.7	59.3	69.0	44.8	56.9	88	31	40	43	77	58	.265	.288	3.11	1.82	3.1	3.3	4.1
November	28.616	29.151	28.159	35.7	48.0	58.0	34.3	46.2	76	18	29	32	76	54	.163	.184	.10	.10	5.2	2.2	5.0
December	28.553	29.046	28.096	27.8	37.1	47.9	23.4	35.6	60	10	22	25	78	61	.122	.136	.12	.12	2.9	2.6	3.8
Year	28.540	29.191	27.877	44.5	56.2	63.1	41.5	52.3	103	−21	38	41	79	59	.286	.306	23.85	2.38	5.3	4.8	5.4

CORPUS CHRISTI, TEX.

[ϕ=27° 49′ N.; λ=97° 25′ W.]

January	30.116	30.523	29.664	46.2	53.7	60.1	43.0	51.6	78	22	41	46	82	78	0.293	0.340	0.44	0.20	5.7	5.7	5.9
February	30.030	30.489	29.565	50.4	58.6	63.7	47.3	55.5	83	25	44	48	79	70	.320	.367	1.49	1.10	3.8	4.1	4.3
March	30.016	30.289	29.651	56.8	61.8	66.9	53.8	59.8	80	40	53	56	88	85	.430	.477	.58	.45	8.5	7.5	7.5
April	29.923	30.274	29.648	67.6	70.9	74.7	65.8	70.2	88	53	65	67	92	88	.631	.663	1.57	1.10	8.0	6.9	7.0
May	29.900	30.185	29.632	73.3	77.8	81.6	71.4	76.5	89	60	69	74	86	88	.723	.844	8.45	6.56	5.5	4.1	4.7
June	29.935	30.119	29.599	74.9	79.9	83.9	72.9	78.4	92	66	71	72	87	77	.760	.782	6.48	3.02	5.0	4.6	4.8
July	29.975	30.110	29.836	78.1	83.5	87.0	77.0	82.0	91	74	75	72	89	69	.857	.791	.11	.10	2.5	2.2	2.7
August	29.940	30.067	29.782	79.5	83.9	88.0	78.2	83.1	91	75	76	76	88	76	.888	.884	.04	.02	1.3	1.7	2.2
September	29.908	30.054	29.681	76.0	82.4	87.0	74.4	80.7	93	61	71	72	86	72	.784	.793	1.33	1.03	1.9	2.9	3.1
October	29.962	30.166	29.768	69.8	74.9	79.3	67.7	73.5	86	54	64	65	84	74	.625	.642	4.02	3.38	4.6	3.2	4.3
November	30.162	30.505	29.839	58.4	65.7	69.9	56.5	63.2	82	39	53	57	84	75	.429	.489	1.58	1.44	4.6	3.4	4.5
December	30.127	30.585	29.793	51.0	55.4	60.6	48.8	54.7	77	36	47	48	87	79	.344	.361	1.53	.35	7.5	7.0	7.7
Year	30.000	30.585	29.565	65.2	70.7	75.1	63.1	69.1	93	22	61	63	86	78	.590	.619	27.62	6.56	4.9	4.4	4.9

Annual meteorological summary for the year ending December 31, 1912—Continued.

COLUMBUS, OHIO.

[H=824 ft.; h_1=173 ft.; h_r=171 ft.; h_a=222 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	13.1	W.	50	W.	4	6	2	6	6	4	12	15	11	0	6	8	17	13	8	19	9	0	0	21	0	30	0	0
February	12.1	W.	56	W.	4	6	4	8	7	6	3	21	3	0	8	8	13	13	9	14	10	0	2	15	0	25	0	0
March	11.8	NW.	41	N.	1	9	12	10	7	4	3	7	10	0	6	9	16	16	14	9	5	0	3	7	0	24	1	0
April	14.2	SW.	54	NW.	4	6	3	3	7	12	13	4	11	1	9	10	11	15	10	1	1	0	4	0	0	3	6	0
May	10.9	SW.	38	W.	0	3	5	4	9	15	12	7	7	0	14	11	6	11	10	0	0	0	1	0	0	0	9	0
June	9.7	SW.	60	NW.	1	8	6	8	6	10	6	8	7	1	11	14	5	8	3	0	0	0	0	0	0	0	7	0
July	8.8	S.	48	N.	1	9	6	2	11	14	8	4	8	0	3	14	14	13	9	0	0	1	0	0	6	0	14	0
August	9.8	SW.	42	NW.	1	8	3	6	6	16	8	13	2	0	4	12	15	15	11	0	0	0	0	0	1	0	13	0
September	8.7	SW.	42	W.	1	11	4	9	11	7	9	2	7	0	15	8	7	8	5	0	0	0	1	0	5	0	3	0
October	10.3	NW.	33	NW.	0	3	4	5	13	10	6	8	12	1	18	5	8	5	3	0	0	0	2	0	0	0	0	0
November	13.1	SW.	44	W.	2	1	0	0	5	15	14	16	9	0	15	7	8	4	4	5	0	0	1	0	0	15	0	0
December	13.7	SW.	36	NW.	0	1	0	3	6	18	14	17	3	0	9	8	14	11	9	7	5	0	1	4	0	22	0	0
Year	11.4	S.	60	NW.	19	71	49	64	94	131	108	122	90	3	118	114	134	132	95	55	30	1	15	47	12	119	53	0

CONCORD, N. H.

[H=288 ft.; h_1=70 ft.; h_r=62 ft.; h_a=79 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.2	NW.	32	NW.	0	8	5	2	2	1	4	3	6	0	11	7	13	13	9	15	12	0	0	25	0	31	0	0
February	6.9	W.	35	SW.	0	7	3	0	2	1	2	8	5	1	12	8	9	6	5	8	5	0	1	16	0	29	0	0
March	6.5	NW.	28	NW.	0	7	6	1	5	0	2	2	8	0	15	7	9	9	7	7	4	0	0	8	0	27	0	0
April	6.8	NW.	30	NW.	0	5	5	1	3	2	0	4	10	0	7	12	11	15	12	6	5	1	3	0	0	14	3	0
May	5.9	SE.	31	W.	0	4	7	2	7	1	3	1	5	1	6	11	14	16	13	0	0	1	1	0	0	1	5	0
June	6.1	NW.	26	N.	0	4	2	4	3	1	2	4	10	0	14	12	4	7	5	0	0	0	1	0	0	0	1	0
July	4.6	NW.	27	NW.	0	5	6	4	3	2	3	1	7	0	11	14	6	7	6	0	0	1	2	0	8	0	6	0
August	4.8	NW.	23	W.	0	3	6	3	3	5	3	4	4	0	8	16	7	13	10	0	0	0	3	0	0	0	6	0
September	3.6	NW.	23	NE.	0	9	8	3	2	1	2	0	3	2	7	7	16	12	8	0	0	0	8	0	0	0	3	0
October	5.1	NW.	31	NW.	0	2	6	1	7	2	3	1	9	0	17	5	9	12	9	0	0	1	2	0	0	7	1	0
November	6.1	NW.	32	NE.	0	3	1	1	1	5	10	2	7	0	7	13	10	7	6	5	0	0	0	0	0	20	1	0
December	5.8	NW.	28	W.	0	5	1	1	5	2	3	4	9	1	11	10	10	7	7	4	2	0	2	6	0	26	0	0
Year	5.7	NW.	35	SW.	0	62	56	23	43	23	37	34	83	5	126	122	118	124	97	45	28	4	23	55	8	155	24	0

CONCORDIA, KANS.

[H=1,398 ft.; h_1=42 ft.; h_r=35 ft.; h_a=50 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.4	SW.	24	N.	0	14	7	3	3	8	11	9	7	0	9	12	10	2	0	7	2	0	2	20	0	31	0	0
February	7.1	NW.	41	N.	1	13	8	4	2	12	3	5	8	3	2	11	16	9	4	10	5	0	1	9	0	26	0	0
March	7.1	N.	26	N.	0	16	8	8	6	8	6	4	5	1	4	11	16	7	6	11	6	0	0	12	0	23	0	0
April	9.8	S.	34	SW.	0	7	2	3	12	14	5	10	6	0	9	10	11	6	5	0	0	0	0	0	0	2	3	0
May	8.6	S.	34	W.	0	9	4	5	3	18	6	9	8	0	6	17	8	7	7	0	0	3	0	0	2	0	7	0
June	6.3	SE.	22	N.	0	6	6	11	16	6	6	5	2	2	7	17	6	8	6	0	0	1	0	0	7	0	5	0
July	7.7	S.	36	SW.	0	3	10	7	13	22	1	1	2	3	10	17	4	11	6	0	0	1	0	0	21	0	11	0
August	6.5	S.	51	NE.	1	5	5	10	4	21	4	8	3	2	9	16	6	11	8	0	0	0	0	0	13	0	9	0
September	7.6	S.	25	S.	0	8	7	2	5	19	2	6	7	4	7	14	9	11	9	0	0	0	0	0	10	0	5	0
October	7.4	S.	31	S.	0	11	5	3	7	15	5	7	5	4	16	6	9	7	5	1	1	1	0	0	0	2	4	0
November	7.2	S.	27	S.	0	5	0	3	3	16	11	8	14	0	8	15	7	1	1	0	0	0	0	0	0	15	0	0
December	7.6	SW.	28	W.	0	5	2	2	2	16	13	16	5	1	15	10	6	1	1	2	0	0	0	0	0	29	0	0
Year	7.4	S.	51	NE.	2	102	64	61	76	175	73	88	72	20	102	156	108	81	58	31	14	6	3	41	53	128	44	0

CORPUS CHRISTI, TEX.

[H=20 ft.; h_1=69 ft.; h_r=61 ft.; h_a=77 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.0	N.	42	N.	2	23	4	7	9	7	3	3	6	0	10	7	14	9	2	1	1	0	4	0	0	4	0	0
February	13.8	E.	60	SE.	4	8	5	12	10	7	3	1	12	0	13	12	4	3	3	0	0	0	1	0	0	2	3	0
March	14.2	SE.	40	SE.	1	16	9	9	20	2	0	0	6	0	3	10	18	10	3	0	0	0	3	0	0	0	1	0
April	14.1	SE.	47	SE.	3	11	5	18	22	2	0	0	2	0	3	12	15	9	4	0	0	0	2	0	0	0	2	0
May	13.8	SE.	42	SE.	1	4	7	12	26	4	1	1	5	0	10	16	5	8	4	0	0	0	0	0	0	0	6	0
June	11.9	SE.	39	SE.	0	11	10	14	15	3	4	0	3	0	9	15	6	13	11	0	0	0	0	0	2	0	5	0
July	13.3	SE.	31	SE.	0	0	0	1	42	17	2	0	0	0	16	15	0	2	1	0	0	0	0	0	1	0	2	0
August	15.4	SE.	42	SE.	1	0	0	3	52	6	0	0	1	0	28	3	0	2	0	0	0	0	0	0	5	0	0	0
September	12.4	SE.	35	SE.	0	5	6	10	31	4	1	1	2	0	21	5	4	5	4	0	0	0	0	0	4	0	3	0
October	12.6	E.	51	N.	1	15	5	16	16	3	2	2	3	0	16	7	8	5	2	0	0	0	1	0	0	0	0	0
November	9.3	SE.	39	N.	0	9	7	9	18	0	1	3	13	0	12	11	7	5	3	0	0	0	1	0	0	0	0	0
December	9.2	N.	34	N.	0	17	4	7	10	3	3	2	16	0	3	7	21	13	9	0	0	0	5	0	0	0	1	0
Year	12.6	SE.	60	SE.	13	119	62	118	273	58	20	13	69	0	144	120	102	84	46	1	1	0	17	0	12	6	23	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

DAVENPORT, IOWA.

[ϕ=41° 30′ N.; λ=90° 38′ 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	29.464	30.004	29.007	5.1	11.2	15.4	0.5	8.0	42	−21	2	6	88	89	0.054	0.066	0.18	0.09	5.7	4.8	5.9
February	29.385	29.758	28.850	15.7	22.3	26.4	12.5	19.4	51	− 7	13	16	88	77	.086	.100	1.21	.75	5.8	6.1	6.6
March	29.491	30.015	28.964	21.9	30.5	35.2	19.3	27.2	55	2	18	22	86	71	.109	.128	2.34	.92	6.0	4.3	5.2
April	29.286	29.704	28.835	45.0	55.5	60.9	41.6	51.2	74	31	38	40	76	58	.234	.258	2.76	1.17	5.0	4.7	5.1
May	29.221	29.591	28.772	58.7	70.1	75.7	54.0	64.8	88	39	50	52	75	56	.379	.420	2.75	.74	5.5	4.8	5.0
June	29.378	29.726	28.797	63.1	74.1	80.4	58.4	69.4	94	48	54	55	73	53	.429	.449	3.19	1.52	4.4	5.1	4.5
July	29.340	29.639	29.119	69.1	80.4	86.4	65.7	76.0	95	55	63	62	80	56	.578	.572	2.79	1.01	5.0	3.0	4.2
August	29.279	29.637	29.019	65.8	76.4	82.2	63.4	72.8	95	48	61	62	83	62	.542	.577	2.77	2.10	5.2	3.9	4.9
September	29.358	29.807	29.127	59.9	68.1	75.5	57.3	66.4	97	34	54	54	81	64	.443	.448	2.28	1.36	4.6	4.9	5.1
October	29.389	29.771	28.963	47.5	57.4	64.7	44.4	54.6	86	31	42	45	81	64	.278	.310	4.04	2.03	3.8	2.4	3.5
November	29.396	29.841	29.023	35.9	44.8	51.6	33.0	42.3	71	20	30	33	79	63	.173	.199	.98	.62	4.1	2.9	4.7
December	29.316	29.872	28.795	27.9	34.3	41.3	23.4	32.4	59	4	22	25	78	67	.123	.141	.56	.34	4.9	3.4	3.9
Year	29.359	30.015	28.772	43.0	52.1	58.0	39.5	48.7	97	−21	37	39	81	64	.286	.306	25.85	2.10	5.0	4.2	4.9

DAYTON, OHIO.

[ϕ=39° 46′ N.; λ=84° 10′ W.]

January	29.112	29.553	28.565	15.3	20.5	26.0	10.8	18.4	44	−12	11	14	80	76	0.077	0.095	2.25	0.86	7.9	4.8	6.7
February	29.039	29.485	27.962	19.4	25.3	31.5	14.9	23.2	53	− 9	15	17	81	69	.096	.103	2.14	1.08	6.1	4.8	5.3
March	29.147	29.649	28.393	30.4	36.5	41.9	26.8	34.4	72	12	26	30	81	77	.144	.173	5.21	1.32	6.7	6.6	7.0
April	29.034	29.450	28.595	48.3	56.6	62.9	44.3	53.6	80	23	41	47	77	72	.276	.340	4.94	1.17	6.2	5.8	5.5
May	28.987	29.297	28.600	59.5	67.8	74.1	54.6	64.4	86	38	53	57	80	70	.411	.476	2.27	.85	6.5	5.6	5.3
June	28.990	29.450	28.678	64.1	72.7	79.0	57.9	68.4	88	42	56	59	75	64	.461	.510	2.15	1.03	5.1	6.7	6.1
July	29.083	29.313	28.764	70.4	77.2	84.0	65.8	74.9	94	56	65	65	83	68	.627	.635	3.35	1.00	6.6	7.2	7.9
August	29.030	29.292	28.688	65.4	73.5	80.1	61.9	71.0	90	48	61	64	86	75	.548	.627	6.04	2.47	7.5	6.5	7.7
September	29.092	29.362	28.847	62.0	70.7	78.6	57.7	68.2	93	38	58	58	86	66	.502	.517	2.16	1.19	4.2	3.9	5.3
October	29.129	29.505	28.751	48.8	60.0	67.7	45.6	56.6	83	34	42	46	78	63	.281	.337	2.13	1.26	4.9	2.5	4.6
November	29.131	29.476	28.640	37.7	44.7	51.4	35.0	43.2	71	21	30	33	74	63	.168	.193	.81	.58	5.4	4.3	5.5
December	29.089	29.523	28.525	30.8	35.8	41.9	27.0	34.4	62	8	24	27	75	71	.139	.158	1.96	.58	5.2	4.3	6.1
Year	29.080	29.649	27.962	46.0	53.4	59.9	41.9	50.9	94	−12	40	43	80	70	.311	.347	36.01	2.47	5.9	5.2	6.1

DEL RIO, TEX.

[ϕ=29° 20′ N.; λ=100° 53′ W.]

January	29.098	29.482	28.714	39.1	.....	61.0	36.4	48.7	89	22	32	....	77	....	0.197	.....	T.	T.	4.8	.....	5.1
February	29.035	29.592	28.598	39.1	.....	66.0	36.8	51.4	92	18	27	....	63	....	.163	.....	0.37	0.35	2.4	.....	3.0
March	29.015	29.334	28.706	50.4	.....	69.9	47.5	58.7	85	34	43	....	76	....	.301	.....	.58	.28	6.7	.....	6.3
April	28.941	29.272	28.715	59.6	.....	81.0	58.1	69.6	94	37	52	....	77	....	.412	.....	1.17	.87	6.0	.....	5.0
May	28.906	29.146	28.675	68.2	.....	92.4	66.3	79.4	108	46	57	....	71	....	.497	.....	.08	.07	4.5	.....	3.3
June	28.961	29.216	28.605	70.8	.....	92.0	68.8	80.4	107	57	65	....	81	....	.612	.....	6.22	3.67	3.9	.....	3.8
July	28.966	29.058	28.874	75.5	.....	97.2	75.0	86.1	106	69	67	....	76	....	.673	.....	.10	.09	3.6	.....	3.0
August	28.932	29.051	28.858	77.3	.....	99.9	77.2	88.6	106	74	67	....	72	....	.671	.....	.17	.17	2.7	.....	2.7
September	28.937	29.156	28.754	70.9	.....	94.0	69.3	81.6	103	50	62	....	75	....	.579	.....	4.89	2.93	2.8	.....	4.2
October	29.007	29.341	28.814	62.0	.....	80.0	60.5	70.2	93	43	58	....	86	....	.496	.....	1.94	.97	5.6	.....	4.7
November	29.177	29.418	28.926	46.5	.....	69.1	43.4	56.2	81	29	42	....	84	....	.279	.....	1.09	.76	4.1	.....	3.6
December	29.134	29.616	28.828	42.1	.....	56.7	38.3	47.5	76	24	37	....	82	....	.235	.....	1.76	.53	6.5	.....	6.4
Year	29.009	29.616	28.598	58.5	.....	79.9	56.5	68.2	108	18	51	....	77	....	.426	.....	18.37	3.67	4.5	.....	4.3

DENVER, COLO.

[ϕ=39° 45′ N.; λ=105° 0′ W.]

January	24.649	24.990	24.056	26.7	37.4	46.1	19.4	32.8	68	−6	11	13	52	40	0.073	0.080	0.12	0.06	2.7	3.9	3.6
February	24.678	25.010	24.287	24.7	33.5	40.7	19.4	30.0	56	−8	14	19	63	57	.062	.103	1.34	.56	5.5	6.4	5.6
March	24.641	24.931	24.301	21.3	30.0	36.8	15.9	26.4	63	−1	13	19	72	66	.082	.104	.87	.43	5.4	6.2	5.7
April	24.606	24.940	24.007	37.3	53.4	58.0	34.8	46.4	73	22	24	21	60	34	.129	.117	.89	.60	4.7	6.1	4.9
May	24.669	25.028	24.300	46.7	64.9	69.0	43.2	56.1	88	27	31	29	58	34	.177	.170	4.18	1.42	4.4	5.6	4.9
June	24.801	25.001	24.432	53.9	70.4	75.5	50.5	63.0	89	38	43	42	68	39	.262	.267	2.27	1.24	3.6	6.0	4.6
July	24.814	25.063	24.612	59.4	72.3	81.5	56.9	69.2	92	46	50	52	73	53	.369	.390	2.90	2.10	4.2	7.5	5.6
August	24.772	24.956	24.524	58.2	78.2	83.8	56.6	70.2	94	47	47	48	70	39	.330	.340	1.07	.42	3.1	5.4	4.3
September	24.781	25.097	24.417	45.0	61.7	67.6	41.9	54.8	88	30	36	37	74	45	.222	.226	2.61	.79	4.0	5.6	5.1
October	24.740	25.095	24.348	40.9	55.4	62.1	36.7	49.4	83	25	30	33	67	48	.166	.188	1.69	.87	3.2	3.8	3.5
November	24.799	25.218	24.290	33.8	47.2	55.6	29.8	42.7	74	7	23	27	64	48	.123	.147	1.14	1.02	2.3	3.8	3.2
December	24.696	25.026	24.280	24.8	34.3	43.0	18.0	30.5	60	3	13	17	59	49	.075	.091	.45	.31	1.6	2.3	2.5
Year	24.720	25.218	24.007	39.4	53.2	60.0	35.3	47.6	94	−8	28	30	65	46	.176	.185	18.93	2.10	3.7	5.2	4.5

Annual meteorological summary for the year ending December 31, 1912—Continued.

DAVENPORT, IOWA.

[H=606 ft.; h_t=71 ft.; h_r=65 ft.; h_a=79 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	8.4	W.	27	NW.	0	9	4	4	4	3	4	21	13	0	9	7	15	5	2	14	5	0	0	27	0	31	0	0
February	8.4	NW.	28	E.	0	1	8	1	2	8	5	16	17	0	6	8	15	9	5	14	7	0	3	21	0	28	0	0
March	8.0	E.	33	E.	0	6	12	14	4	5	4	8	9	0	12	11	8	7	7	9	6	0	2	14	0	25	0	0
April	10.4	SW.	40	S.	1	5	6	11	4	5	15	5	9	0	10	12	8	8	8	2	2	0	1	0	0	4	2	0
May	8.3	SW.	30	SW.	0	4	5	8	13	9	8	9	6	0	12	13	6	13	11	0	0	0	0	0	0	0	9	0
June	6.4	E.	32	NW.	0	4	6	14	3	5	7	10	11	0	13	11	6	7	6	0	0	0	0	0	5	0	9	0
July	6.6	SW.	31	SE.	0	7	5	11	9	7	10	4	9	0	12	16	3	12	7	0	0	0	0	0	10	0	11	0
August	6.6	SW.	24	SW.	0	1	8	9	6	3	14	9	12	0	11	11	9	7	5	0	0	0	0	0	7	0	5	0
September	5.7	SW.	22	W.	0	3	8	4	4	8	10	9	13	1	11	8	11	9	6	0	0	1	0	0	7	0	3	0
October	6.7	SW.	27	NW.	0	2	6	12	3	6	12	10	11	0	19	4	8	8	6	0	0	0	0	0	0	1	4	0
November	7.9	SW.	29	NW.	0	3	2	1	4	6	17	18	9	0	9	15	6	4	4	4	0	0	1	0	0	15	1	0
December	9.3	SW.	30	W.	0	1	0	3	3	7	23	15	10	0	15	9	7	6	4	8	0	0	1	4	0	27	0	0
Year	7.7	W.	40	S.	1	46	70	92	59	72	129	134	129	1	139	125	102	95	71	51	20	1	8	66	29	131	44	0

DAYTON, OHIO.

[H=899 ft.; h_t=181 ft.; h_r=176 ft.; h_a=216 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	12.3	SW.	45	NW.	2	9	4	2	5	7	15	9	11	0	10	2	19	13	8	17	10	0	0	21	0	30	0	0
February	11.6	SW.	48	SW.	2	8	8	3	5	4	16	8	6	0	11	7	11	10	7	14	7	0	5	15	0	25	0	0
March	10.7	NE.	40	SW.	1	11	13	8	5	4	7	4	10	0	8	3	20	17	16	11	5	0	4	6	0	24	1	0
April	14.2	SW.	57	SW.	6	8	6	2	6	9	17	5	7	0	11	9	10	14	13	1	1	1	1	0	0	3	7	0
May	11.2	SW.	46	S.	3	7	5	5	8	12	16	4	5	0	11	7	13	13	10	0	0	0	1	0	0	0	6	0
June	8.8	SW.	48	NW.	1	11	9	6	5	3	20	2	4	0	8	9	13	10	6	0	0	0	0	0	0	0	7	0
July	8.8	SW.	40	NW.	1	11	7	2	7	10	13	6	6	0	0	14	17	10	7	0	0	0	1	0	3	0	16	0
August	9.4	SW.	44	NW.	2	10	3	2	7	12	22	2	4	0	2	11	18	14	13	0	0	0	1	0	2	0	11	0
September	7.8	N.	29	SW.	0	11	12	4	4	10	11	3	3	2	10	11	9	5	4	0	0	0	3	0	7	0	4	0
October	9.3	SW.	37	S.	0	6	6	0	10	11	11	9	9	0	13	6	12	5	3	0	0	0	4	0	0	0	0	0
November	13.3	SW.	45	NW.	1	1	0	0	1	13	25	11	9	0	12	6	12	6	3	4	1	0	1	0	0	14	0	0
December	13.7	SW.	46	W.	1	0	1	1	4	15	23	13	5	0	9	8	14	10	8	7	2	0	4	4	0	20	0	0
Year	10.9	SW.	57	SW.	20	93	74	35	67	110	196	76	79	2	105	93	168	127	98	54	26	1	25	46	12	116	52	0

DEL RIO, TEX.

[H=944 ft.; h_t=8 ft.; h_r=3 ft.; h_a=57 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.9	SE.	33	N.	0	4	1	6	7	0	0	3	10	0	12	8	11	0	0	0	0	0	2	0	0	12	0	0
February	8.3	SE.	54	NW.	3	7	2	9	1	0	0	3	7	0	19	6	4	4	2	0	0	0	0	0	1	8	0	0
March	9.2	SE.	44	NW.	1	2	1	11	8	0	0	2	7	0	6	15	10	7	4	0	0	0	0	0	0	0	0	0
April	6.2	SE.	42	W.	1	4	3	8	8	0	1	1	5	0	9	14	7	8	4	0	0	0	0	0	5	0	0	0
May	9.6	SE.	32	NW.	0	2	2	12	11	0	0	0	4	0	19	9	3	2	1	0	0	0	0	0	20	0	0	0
June	7.5	SE.	33	NE.	0	1	3	16	9	0	0	0	1	0	14	13	3	7	7	0	0	0	0	0	22	0	3	0
July	9.1	SE.	28	SE.	0	0	2	19	10	0	0	0	0	0	18	13	0	2	1	0	0	0	0	0	31	0	2	0
August	9.6	SE.	32	NE.	0	0	1	24	6	0	0	0	0	0	20	11	0	1	1	0	0	0	0	0	31	0	1	0
September	7.4	SE.	35	W.	0	1	2	18	6	0	0	0	3	0	12	15	3	7	6	0	0	0	0	0	21	0	3	0
October	7.3	SE.	29	NW.	0	1	4	11	7	0	1	2	5	0	10	15	6	6	4	0	0	0	0	0	6	0	0	0
November	6.5	SE.	30	N.	0	4	1	7	6	1	0	2	9	0	16	8	6	5	5	0	0	0	0	0	0	1	0	0
December	6.3	NW.	34	NW.	0	4	2	4	5	0	0	7	9	0	8	6	17	12	7	0	0	0	0	0	0	7	0	0
Year	7.8	E.	54	NW.	5	30	24	145	84	1	2	20	60	0	163	133	70	61	42	0	0	0	2	0	137	28	9	0

DENVER, COLO.

[H=5,291 ft.; h_t=129 ft.; h_r=119 ft.; h_a=172 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.6	S.	40	NW.	1	6	7	2	3	16	10	6	12	0	16	14	1	5	1	7	5	0	0	4	0	24	0	0
February	8.8	S.	44	NW.	1	10	6	2	4	21	2	6	7	0	4	19	6	10	8	13	10	0	1	6	0	27	0	0
March	7.2	N.	30	W.	0	19	16	4	0	14	5	3	1	0	6	15	10	13	7	17	13	0	2	15	0	31	0	0
April	8.5	SW.	42	W.	2	12	5	7	2	11	6	8	9	0	9	15	6	8	6	4	3	0	0	0	0	10	1	0
May	9.7	SW.	48	N.	4	11	3	2	10	9	13	5	9	0	11	16	4	10	9	5	4	0	1	0	0	4	1	0
June	7.3	S.	39	NW.	0	7	6	7	7	20	9	0	4	0	13	11	6	10	7	0	0	2	0	0	0	0	11	0
July	7.3	SW.	55	NE.	1	13	6	3	2	18	12	4	4	0	3	23	5	13	7	0	0	1	0	0	3	0	16	0
August	6.6	SW.	36	NE.	0	8	5	3	12	17	7	3	7	0	13	15	3	8	4	0	0	0	0	0	8	0	16	0
September	8.0	N.	40	N.	1	12	11	6	5	11	13	0	2	0	11	11	8	12	9	3	2	1	2	0	0	2	2	0
October	7.5	SW.	55	S.	1	9	8	4	6	14	10	3	7	1	18	9	4	6	5	4	4	0	0	0	0	5	1	0
November	8.2	SW.	37	N.	0	3	10	2	1	18	16	5	4	1	16	10	4	3	2	3	3	0	0	1	0	18	0	0
December	9.4	SW.	48	W.	3	4	3	1	2	22	17	3	10	0	21	9	1	4	2	7	4	0	0	6	0	30	0	0
Year	8.2	S.	55	NE.	14	114	86	43	54	191	120	46	76	2	141	167	58	102	67	63	48	4	6	32	11	151	48	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

DES MOINES, IOWA.

[ϕ=41° 35′ N.; λ=93° 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	29.214	29.808	28.714	3.3	9.3	14.8	−2.5	6.2	42	−29	2	6	92	84	0.052	0.061	0.53	0.19	5.5	5.4	6.1
February	29.142	29.515	28.691	15.9	23.4	27.3	12.0	19.6	46	−10	13	16	85	73	.085	.098	1.86	1.24	7.1	7.0	7.3
March	29.220	29.714	28.757	20.9	30.2	34.8	17.7	26.2	60	− 4	18	21	86	68	.102	.119	2.87	1.28	7.3	4.5	5.8
April	29.008	29.420	28.511	45.0	55.9	60.6	42.2	51.4	74	32	38	40	79	58	.243	.260	2.75	1.25	6.2	4.4	4.9
May	28.943	29.366	28.458	58.1	71.0	75.0	54.9	65.0	87	38	50	52	76	53	.377	.405	5.62	4.42	4.5	4.3	5.0
June	29.122	29.482	28.529	61.3	73.0	77.7	57.9	67.8	95	48	52	53	73	53	.403	.423	2.60	.89	4.2	5.1	4.9
July	29.068	29.352	28.806	69.1	82.4	86.4	66.0	76.2	99	56	62	63	78	53	.560	.582	3.07	1.41	5.3	2.7	4.0
August	29.018	29.353	28.802	65.1	77.5	82.4	63.0	72.7	97	52	60	63	85	62	.529	.591	3.52	1.34	5.2	3.9	5.1
September	29.099	29.559	28.822	55.3	66.2	72.1	54.4	63.2	95	33	52	56	87	70	.420	.480	4.20	1.78	6.0	4.2	5.5
October	29.120	29.513	28.621	46.0	57.1	65.2	43.2	54.2	86	29	39	42	78	57	.253	.274	3.75	1.36	2.4	3.0	3.1
November	29.142	29.634	28.787	35.2	45.7	53.4	32.7	43.0	70	21	28	32	75	58	.160	.185	1.11	1.08	3.5	2.4	4.0
December	29.059	29.620	28.565	25.8	33.9	41.6	21.8	31.7	58	4	19	21	72	59	.107	.117	.30	.22	3.0	2.6	3.8
Year	29.096	29.808	28.458	41.8	52.1	57.6	38.6	48.1	99	−29	36	39	80	62	.274	.300	32.18	4.42	5.0	4.1	5.0

DETROIT, MICH.

[ϕ=42° 20′ N.; λ=83° 3′ W.]

January	29.239	29.735	28.620	10.4	14.4	19.0	7.1	13.0	39	− 4	6	9	80	76	0.059	0.067	1.99	0.69	7.7	5.2	6.8
February	29.171	29.707	28.240	15.5	21.0	24.1	12.5	18.3	45	−12	13	16	87	79	.083	.097	1.65	.70	7.3	6.2	6.3
March	29.346	29.844	28.700	21.7	28.2	33.2	19.5	26.4	55	5	17	22	81	76	.099	.122	2.27	1.18	4.9	5.4	4.8
April	29.183	29.641	28.724	42.1	47.7	55.2	37.2	46.2	75	26	34	37	74	58	.206	.231	2.17	.69	5.7	7.2	5.2
May	29.138	29.419	28.730	54.6	61.5	68.7	49.6	59.2	84	32	45	47	71	62	.308	.340	2.96	1.04	5.6	6.3	5.2
June	29.258	29.663	28.784	62.0	67.8	73.9	56.1	65.0	88	45	52	52	70	58	.397	.399	1.92	.60	5.0	5.1	3.9
July	29.249	29.521	28.949	67.6	72.6	79.6	62.7	71.2	87	50	62	62	81	70	.561	.563	3.87	2.53	5.4	6.4	4.4
August	29.177	29.467	28.798	63.2	68.3	75.3	59.4	67.4	90	50	58	60	84	74	.498	.528	4.05	1.28	6.0	6.0	5.5
September	29.259	29.581	28.959	61.1	66.2	73.7	57.1	65.4	92	39	56	56	83	71	.469	.474	3.55	.90	5.7	3.7	4.7
October	29.272	29.679	28.962	48.1	55.2	62.2	45.2	53.7	79	35	42	45	79	71	.273	.318	2.17	.91	4.4	3.5	4.5
November	29.212	29.625	28.720	37.3	41.8	46.8	33.9	40.4	65	22	32	34	82	74	.188	.203	1.80	1.08	6.3	6.6	6.7
December	29.170	29.598	28.634	29.8	32.5	38.5	25.4	32.0	58	11	25	26	81	76	.139	.150	1.26	.35	7.2	5.4	7.9
Year	29.223	29.844	28.240	42.8	48.1	54.2	38.8	46.5	92	−12	37	39	79	71	.273	.291	29.66	2.53	5.9	5.6	5.5

DEVILS LAKE, N. DAK.

[ϕ=48° 7′ N.; λ=98° 52′ W.]

January	28.454	29.028	27.906	−12.2	−6.2	1.5	−18.1	−8.3	33	−41	−15	−9	89	86	0.028	0.030	0.31	0.25	3.7	3.5	4.4
February	28.451	28.884	27.879	4.1	10.5	17.2	−0.7	8.2	41	−22	2	7	89	86	.053	.068	.20	.09	6.4	5.8	6.5
March	28.524	29.053	28.071	6.2	19.5	25.8	2.6	14.2	47	−20	3	14	84	78	.056	.087	.09	.07	4.5	5.1	4.4
April	28.317	28.706	27.942	34.5	48.9	54.8	30.7	42.8	75	21	30	31	82	52	.163	.175	2.41	.87	4.7	5.0	5.1
May	28.268	28.900	27.565	46.4	59.2	63.3	42.6	53.0	84	26	41	42	83	57	.266	.284	3.03	1.19	6.7	5.8	6.6
June	28.439	28.818	27.883	55.7	68.3	73.4	49.8	61.6	94	35	48	50	76	55	.345	.393	2.95	.90	4.4	4.4	4.8
July	28.392	28.812	27.996	58.6	69.3	75.7	54.9	65.3	88	41	56	59	90	72	.449	.524	7.44	2.11	5.7	4.9	5.2
August	28.364	28.773	28.023	54.5	65.0	71.1	52.1	61.6	84	42	52	56	93	75	.395	.460	2.99	.86	6.0	5.6	6.5
September	28.390	28.920	27.978	44.2	54.4	61.3	41.4	51.4	87	23	41	43	89	68	.282	.306	1.11	.47	5.7	5.5	6.2
October	28.348	28.796	27.709	35.2	45.1	54.8	31.9	43.4	78	17	31	32	83	62	.171	.184	1.38	.62	4.5	4.4	5.5
November	28.348	28.742	27.962	23.4	29.0	33.9	19.9	26.9	47	8	20	24	85	79	.104	.126	.09	.07	4.8	5.6	5.1
December	28.252	28.844	27.464	15.7	17.0	26.0	6.5	16.2	46	−14	12	14	85	86	.079	.085	.74	.24	6.0	4.5	5.9
Year	28.379	29.053	27.464	30.5	40.0	46.6	26.1	36.4	94	−41	27	30	86	71	.199	.227	22.74	2.11	5.3	5.0	5.5

DODGE CITY, KANS.

[ϕ=37° 45′ N.; λ=100° 00′ W.]

January	27.460	27.958	26.947	12.3	20.1	27.5	8.5	18.0	51	−18	9	14	86	76	0.077	0.095	0.16	0.07	2.5	2.9	4.2
February	27.423	27.884	27.007	25.7	33.8	41.4	22.6	32.0	61	4	22	26	85	74	.122	.150	2.12	1.50	3.9	5.2	5.2
March	27.426	27.882	26.948	24.8	33.7	39.3	21.7	30.5	71	2	22	26	87	76	.120	.147	.97	.50	7.2	5.7	7.2
April	27.312	27.733	26.782	42.0	59.7	66.1	39.6	52.8	85	27	35	37	76	47	.211	.231	1.73	1.54	3.3	5.0	4.6
May	27.290	27.713	26.911	56.4	72.6	78.8	52.8	65.8	95	38	47	49	72	45	.330	.357	1.03	.42	3.4	4.2	4.0
June	27.434	27.765	26.920	60.3	74.2	79.0	57.2	68.1	96	45	54	58	82	58	.430	.479	8.55	3.33	3.8	4.3	4.5
July	27.397	27.621	27.153	69.4	85.2	90.7	66.6	78.6	100	58	62	60	76	45	.553	.526	.88	.42	4.2	3.7	4.1
August	27.373	27.608	27.190	66.4	81.3	88.1	64.9	76.5	98	56	62	63	86	56	.554	.577	5.80	2.88	4.2	4.0	4.0
September	27.432	27.818	27.014	55.1	66.8	74.9	53.2	64.0	95	33	50	52	82	63	.379	.416	2.75	.71	4.9	5.1	5.0
October	27.434	27.848	27.023	45.3	59.3	70.3	42.3	55.3	86	26	38	38	76	49	.242	.245	.15	.12	2.8	2.1	2.7
November	27.494	28.021	26.984	32.1	47.7	60.4	29.5	45.0	81	14	25	29	74	49	.138	.161	.26	.21	2.4	1.5	2.6
December	27.433	27.814	26.838	24.0	36.5	48.9	20.3	34.6	66	13	18	18	74	46	.096	.098	T.	T.	2.3	1.4	2.4
Year	27.409	28.021	26.782	42.8	55.9	63.8	39.9	51.8	100	−18	37	39	80	57	.271	.290	24.40	3.33	3.7	3.8	4.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

DES MOINES, IOWA.

[H=861 ft.; h_t=84 ft.; h_r=76 ft.; h_a=97 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more, melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	8.1	NW.	30	NW.	0	9	6	3	5	5	7	7	20	0	10	5	16	10	4	18	9	0	0	26	0	31	0	0
February	8.8	NW.	32	NW.	0	13	2	1	3	6	10	4	19	0	2	12	15	8	5	17	7	0	1	18	0	28	0	0
March	7.6	N.	27	W.	0	16	8	7	7	7	9	5	3	0	11	8	12	8	6	10	7	0	3	15	0	27	0	0
April	10.9	SW.	43	SW.	1	8	6	5	8	8	13	3	9	0	10	12	8	11	11	1	0	0	0	0	0	1	5	0
May	9.7	S.	33	SW.	0	11	5	3	7	12	13	3	8	0	8	15	8	9	9	0	0	2	0	0	0	0	10	0
June	6.5	N.	31	NW.	0	12	6	3	8	8	13	5	5	0	12	11	7	9	7	0	0	0	1	0	3	0	10	0
July	7.6	S.	34	SW.	0	8	11	2	5	14	9	5	8	0	14	13	4	10	9	0	0	0	0	0	10	0	11	0
August	6.7	SW.	32	NE.	0	5	7	2	11	13	9	9	6	0	12	9	10	12	8	0	0	0	2	0	7	0	10	0
September	6.5	SW.	35	N.	0	8	7	3	3	14	8	8	9	0	10	9	11	16	12	0	0	1	0	0	5	0	9	0
October	7.0	NW.	30	S.	0	7	0	5	5	11	11	6	17	0	21	3	7	8	8	0	0	1	0	0	0	2	7	0
November	8.0	SW.	30	NW.	0	10	2	0	0	10	15	16	7	0	15	11	4	3	1	3	1	0	0	0	0	13	1	0
December	8.7	SW.	32	SW.	0	3	1	2	3	4	21	16	12	0	15	9	7	3	2	7	1	0	0	5	0	29	0	0
Year	8.0	SW.	43	SW.	1	110	61	36	65	112	138	87	123	0	140	117	109	107	82	56	25	4	7	64	25	131	63	0

DETROIT, MICH.

[H=730 ft.; h_t=218 ft.; h_r=214 ft.; h_a=258 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more, melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	14.2	W.	52	W.	1	11	3	4	1	6	9	16	12	0	6	8	17	14	6	24	13	0	0	28	0	31	0	0
February	14.0	W.	54	NE.	3	5	4	4	3	5	12	11	14	0	7	10	12	12	8	17	11	0	0	21	0	29	0	0
March	13.9	NE.	41	NE.	2	10	17	6	2	6	6	11	4	0	11	10	10	11	8	11	9	0	2	14	0	29	0	0
April	17.0	NW.	50	W.	6	3	10	8	4	7	10	4	14	0	11	9	10	11	8	2	1	2	0	0	0	6	4	0
May	13.6	E.	44	NW.	3	9	5	11	3	9	4	11	10	0	8	15	8	15	9	1	1	0	0	0	0	0	6	0
June	12.0	E.	46	W.	1	6	2	12	3	10	11	6	10	0	13	14	3	9	7	0	0	2	0	0	0	0	6	0
July	10.3	S.	49	NW.	2	14	7	6	6	11	10	6	2	0	13	15	3	11	7	0	0	0	0	0	0	0	9	0
August	10.7	N.	33	W.	0	11	4	10	4	7	10	8	8	0	8	14	9	13	9	0	0	1	0	0	0	0	11	0
September	9.9	W.	68	NW.	2	8	5	6	7	7	5	17	5	0	13	9	8	13	12	0	0	0	4	0	2	0	6	0
October	11.4	SW.	46	W.	1	9	0	5	3	9	13	14	9	0	14	6	11	9	9	0	0	0	4	0	0	0	3	0
November	14.4	W.	46	W.	2	6	0	0	1	4	21	18	10	0	7	8	15	9	4	6	2	0	0	0	0	14	1	0
December	15.8	W.	54	W.	4	2	0	2	1	5	18	27	7	0	2	9	20	15	10	12	6	0	1	6	0	26	0	0
Year	13.1	W.	68	NW.	27	94	57	74	38	86	129	149	105	0	113	127	126	142	97	73	43	5	11	69	2	135	46	0

DEVILS LAKE, N. DAK.

[H=1,482 ft.; h_t=11 ft.; h_r=4 ft.; h_a=44 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more, melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.6	NW.	36	NW.	0	8	0	4	6	5	8	20	11	0	15	9	7	5	1	8	5	0	0	30	0	31	0	0
February	9.8	NW.	27	N.	0	5	7	1	6	5	5	14	15	0	5	11	13	6	3	11	6	0	0	25	0	29	0	0
March	10.5	SW.	38	N.	0	13	6	1	5	4	11	11	11	0	14	9	8	3	1	10	3	0	0	20	0	31	0	2
April	13.6	NE.	42	E.	1	14	9	9	7	9	3	3	6	0	10	13	7	11	8	4	3	0	0	0	0	20	3	2
May	13.2	E.	44	E.	3	9	8	11	3	7	8	8	8	0	6	11	14	13	10	0	0	2	0	0	0	2	3	0
June	11.8	SE.	46	NW.	1	6	6	3	11	15	4	7	8	0	10	16	4	9	8	0	0	0	0	0	5	0	2	1
July	9.0	NW.	32	NW.	0	5	10	8	3	10	3	11	12	0	9	15	7	14	13	0	0	1	0	0	0	0	14	0
August	8.6	SE.	34	E.	0	5	12	10	12	7	1	6	9	0	4	12	15	15	14	0	0	0	2	0	0	0	9	0
September	10.6	W.	36	W.	0	6	9	6	5	3	11	15	5	0	8	8	14	10	5	1	0	0	1	0	0	5	2	1
October	12.1	W.	44	NW.	3	5	5	1	7	10	8	17	9	0	10	11	10	7	5	4	4	0	0	2	0	16	1	0
November	10.9	W.	34	W.	0	1	0	0	3	4	7	10	7	0	....	....	....	3	1	5	3	0	0	7	0	16	0	0
December	11.8	NW.	43	NW.	3	4	2	0	7	6	13	14	16	0	12	7	12	8	7	14	7	0	0	23	0	31	0	0
Year	11.0	W.	46	NW.	11	81	74	54	75	85	82	136	117	0	....	....	....	104	76	57	31	3	3	107	5	181	34	6

DODGE CITY, KANS.

[H=2,509 ft.; h_t=11 ft.; h_r=3 ft.; h_a=51 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more, melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.7	W.	36	NE.	0	9	3	2	5	4	5	14	20	0	13	13	5	5	2	6	5	0	5	16	0	31	0	0
February	11.4	NW.	58	NE.	2	12	4	2	4	6	6	12	12	0	11	10	8	8	4	7	5	0	1	8	0	23	0	0
March	13.1	SE.	42	NW.	2	13	6	6	12	8	3	4	10	0	5	8	18	13	5	14	12	0	5	12	0	25	0	0
April	13.4	SE.	47	SE.	2	6	9	2	16	7	5	7	8	0	12	12	6	6	4	2	2	1	1	0	0	5	3	0
May	12.8	SE.	50	SE.	2	5	8	4	14	10	4	5	12	0	17	11	3	8	5	0	0	0	0	0	2	0	6	0
June	10.0	SE.	35	SE.	0	6	10	4	23	7	5	3	2	0	14	7	9	13	9	0	0	3	0	0	2	0	12	0
July	10.4	S.	48	SW.	2	5	6	7	17	19	2	4	2	0	14	14	3	7	4	0	0	0	0	0	18	0	8	0
August	9.8	S.	42	NW.	2	2	4	5	14	27	4	3	3	0	17	10	4	8	8	0	0	1	1	0	13	0	10	0
September	10.7	S.	38	N.	0	5	8	1	17	17	0	5	7	0	13	6	11	6	6	0	0	0	0	0	9	0	5	0
October	11.2	S.	36	S.	0	7	6	4	18	9	7	8	8	0	22	5	4	4	1	2	0	0	1	0	0	4	2	0
November	10.6	S.	42	NW.	2	9	1	3	7	17	4	11	8	0	21	7	2	2	2	1	1	0	0	0	0	19	1	0
December	10.2	NW.	39	NW.	0	4	2	2	7	6	7	16	18	0	23	8	0	0	0	2	0	0	0	0	0	31	0	0
Year	11.1	SE.	58	NE.	14	83	67	42	154	137	52	87	110	0	182	111	73	80	50	34	25	5	14	36	44	138	47	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

DUBUQUE, IOWA.

[ϕ=42° 30′ N.; λ=90° 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	29.381	29.958	28.896	0.7	6.9	12.0	−4.5	3.8	36	−26	−3	3	83	80	0.041	0.053	0.55	0.20	6.4	4.9	5.5
February	29.298	29.687	28.896	12.6	19.7	24.5	9.7	17.1	45	−14	10	15	86	79	.075	.092	1.77	1.31	6.4	5.8	6.6
March	29.422	29.925	28.908	18.9	29.1	33.8	16.5	25.2	50	− 5	16	22	88	74	.097	.122	2.07	.89	7.1	5.1	5.6
April	29.207	29.573	28.726	43.2	54.3	59.7	40.0	49.8	73	27	36	39	76	57	.220	.248	2.49	.81	5.6	6.1	5.4
May	29.145	29.516	28.659	55.9	66.7	71.8	51.9	61.8	85	37	48	51	76	59	.347	.392	5.98	2.37	6.3	6.2	6.1
June	29.306	29.679	28.716	61.2	72.2	76.8	56.8	66.8	92	48	51	53	71	54	.392	.426	1.93	.57	4.6	5.1	4.7
July	29.266	29.560	29.010	67.0	78.8	83.3	63.2	73.2	94	52	61	62	80	57	.544	.562	4.81	1.40	6.0	4.3	5.4
August	29.197	29.573	28.903	64.1	73.7	78.5	60.9	69.7	92	47	59	60	85	64	.519	.544	6.79	5.23	6.4	4.8	5.9
September	29.280	29.728	29.013	58.0	65.5	72.3	55.4	63.8	94	33	53	55	84	71	.437	.477	4.42	.83	6.0	5.5	5.6
October	29.307	29.705	28.847	45.1	55.1	62.5	42.5	52.5	81	30	40	42	82	62	.256	.278	3.50	1.62	4.0	3.0	3.8
November	29.300	29.737	28.959	34.2	43.1	49.6	31.6	40.6	68	17	28	30	78	60	.160	.173	1.51	1.33	4.7	4.0	5.7
December	29.207	29.750	28.649	25.7	32.3	39.0	21.5	30.2	55	1	21	24	82	70	.118	.135	1.00	.82	5.3	2.8	5.4
Year	29.276	29.958	28.649	40.6	49.8	55.3	37.1	46.2	94	−26	35	38	81	66	.267	.292	36.82	5.23	5.7	4.8	5.5

DULUTH, MINN.

[ϕ=46° 47′ N.; λ=92° 6′ W.]

Month.	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.
January	28.822	29.385	28.247	−11.7	−4.7	1.0	−15.4	−7.2	21	−36	−13	−7	91	87	0.024	0.032	0.47	0.18	4.1	3.6	4.5
February	28.763	29.150	28.256	4.3	11.4	16.6	0.9	8.8	33	−21	2	9	91	87	.054	.067	.27	.19	6.9	5.4	5.5
March	28.896	29.439	28.361	13.1	21.7	27.0	10.1	18.6	53	−11	10	16	85	76	.070	.090	.43	.28	6.3	3.8	4.5
April	28.707	29.044	28.019	34.5	41.2	47.4	30.0	38.7	74	21	28	30	76	64	.152	.165	2.58	1.44	6.1	6.0	5.3
May	28.684	29.096	28.176	44.6	48.4	54.5	39.2	46.8	74	32	38	39	80	74	.236	.244	5.90	1.68	6.1	5.6	6.8
June	28.819	29.171	28.228	55.3	61.2	67.8	49.2	58.5	92	39	48	50	78	70	.344	.376	1.32	.35	3.7	5.0	4.3
July	28.773	29.088	28.493	59.0	65.1	71.5	53.6	62.6	88	43	55	56	87	75	.440	.463	2.24	.54	5.4	4.1	4.9
August	28.739	29.086	28.374	55.2	58.6	63.6	51.3	57.4	78	42	52	53	91	83	.396	.404	3.25	1.02	5.8	6.6	7.5
September	28.747	29.228	28.378	49.9	54.6	62.8	46.8	54.8	80	30	47	47	89	76	.334	.338	1.80	.76	4.9	5.3	5.0
October	28.733	29.244	28.072	40.5	47.2	56.0	37.3	46.6	80	25	34	36	79	68	.204	.221	.68	.52	3.8	5.2	5.3
November	28.743	29.192	28.408	27.8	33.4	39.5	24.4	32.0	58	6	23	25	81	70	.124	.132	.21	.16	7.1	3.6	6.0
December	28.611	29.000	28.038	15.3	19.8	26.6	9.2	17.9	40	−11	13	16	89	85	.086	.094	2.19	1.25	6.6	6.9	7.1
Year	28.753	29.439	28.019	32.3	38.2	44.5	28.0	36.3	92	−36	28	31	85	76	.205	.219	21.34	1.68	5.6	5.1	5.6

DURANGO, COLO.

[ϕ=37° 16′ N.; λ=107° 52′ W.]

Month.	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.
January	23.647	23.920	23.198	14.4	32.9	41.7	11.6	26.6	58	− 9	9	17	77	50	0.063	0.093	0.21	0.11	2.0	2.6	3.8
February	23.563	23.876	23.133	19.5	39.8	46.6	17.2	31.9	55	6	12	15	69	36	.071	.085	.47	.26	2.3	4.7	4.0
March	23.508	23.776	23.174	28.7	41.7	45.9	27.1	36.5	56	12	24	24	82	52	.130	.131	4.51	1.38	6.7	6.7	6.5
April	23.554	23.821	23.261	30.3	50.4	54.1	28.8	41.4	68	21	22	19	70	30	.116	.104	1.58	.39	4.9	6.2	5.7
May	23.609	23.826	23.264	37.1	65.6	68.3	36.5	52.4	83	24	25	20	60	18	.132	.109	.08	.03	4.5	5.6	4.9
June	23.718	23.917	23.352	45.7	71.5	76.9	44.2	60.6	87	36	37	36	72	32	.225	.224	.89	.26	3.4	5.1	4.8
July	23.765	23.920	23.591	51.7	75.4	80.5	50.7	65.6	88	36	44	44	76	37	.297	.304	2.29	1.71	4.4	6.0	5.0
August	23.737	23.846	23.574	49.4	75.3	80.2	48.8	64.5	88	44	42	43	77	35	.274	.283	2.57	1.21	3.5	4.7	4.3
September	23.691	23.868	23.417	38.6	65.6	70.9	37.1	54.0	77	24	30	34	71	33	.176	.201	.04	.02	3.0	3.5	3.0
October	23.687	23.976	23.374	34.7	51.5	58.6	32.5	45.6	72	19	29	33	80	52	.164	.194	2.70	.98	4.6	4.2	4.5
November	23.755	24.056	23.419	24.6	41.7	52.0	23.1	37.6	64	16	18	23	75	47	.100	.124	.40	.15	1.8	2.1	2.7
December	23.667	24.070	23.193	13.3	27.7	36.8	9.8	23.3	45	2	8	14	79	55	.060	.081	.44	.23	2.4	2.9	3.4
Year	23.658	24.070	23.133	32.3	53.3	59.4	30.6	45.0	88	− 9	25	27	74	40	.151	.161	16.18	1.71	3.6	4.5	4.4

DUTCH HARBOR, ALASKA.

[ϕ=—° —′ N.; λ=—° —′ W.]

Month.	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.
January						35.3	28.1	31.7	40	18							4.20	0.64			
February						36.8	29.3	33.0	42	16							5.12				
March						39.7	30.8	35.2	66	22							8.22				
April						43.0	32.5	37.8	50	20							5.74				
May						44.7	35.0	39.8	54	28							6.72	1.90			
June						50.9	38.9	44.9	56	30							4.56	1.44			
July						54.5	45.2	49.8	68	40							3.70	.90			
August						55.3	42.5	50.2	68	36							1.52	.52			
September						51.0	42.3	46.6	64	30							6.80	1.54			
October						45.2	36.1	40.6	52	28							10.80	1.68			
November						39.0	30.5	34.8	46	24							8.26	2.42			
December						33.2	24.8	29.0	40	14							4.14	.78			
Year						44.0	34.7	39.4	68	14							69.78				

Annual meteorological summary for the year ending December 31, 1912—Continued.

DUBUQUE, IOWA.

[H=698 ft.; h_t=81 ft.; h_r=76 ft.; h_a=96 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	6.3	NW.	22	S.	0	7	6	2	5	7	3	7	25	0	10	9	12	9	7	17	9	0	0	29	0	31	0	0
February	7.0	NW.	30	NE.	0	7	3	1	3	12	6	12	14	0	5	10	14	5	4	16	4	0	0	20	0	28	0	0
March	5.9	N.	17	N.	0	12	10	5	8	13	1	8	5	0	10	10	11	10	7	10	8	0	0	15	0	30	0	0
April	8.2	S.	23	NW.	0	7	3	4	11	13	7	5	10	0	10	12	8	10	9	3	1	1	1	0	0	4	6	0
May	6.2	S.	27	S.	0	6	9	1	10	15	11	2	8	0	7	9	15	15	9	0	0	1	0	0	0	0	8	0
June	4.7	NW.	15	N.	0	7	3	6	9	9	10	5	11	0	13	9	8	11	8	0	0	0	0	0	3	0	6	0
July	5.8	S.	22	NW.	0	7	2	4	7	23	6	0	13	0	11	12	8	9	8	0	0	1	1	0	7	0	9	0
August	4.9	S.	20	NW.	0	10	3	4	6	13	4	6	16	0	9	10	12	10	7	0	0	0	0	0	4	0	6	0
September	4.5	S.	15	S.	0	8	3	0	5	16	10	3	12	3	11	7	12	13	10	0	0	0	0	0	4	0	5	0
October	5.6	S.	24	NW.	0	5	2	1	9	17	7	11	9	1	18	5	8	8	7	0	0	0	1	0	0	3	3	0
November	6.8	S.	24	N.	0	2	1	1	3	20	8	7	18	0	7	15	8	5	3	5	1	0	1	0	0	17	1	0
December	7.3	S.	24	SW.	0	1	0	0	7	21	9	6	18	0	13	7	11	7	4	6	2	0	2	7	0	28	0	0
Year	6.1	S.	30	NE.	0	79	45	29	83	179	82	72	159	4	124	115	127	112	83	57	25	3	6	71	18	141	44	0

DULUTH, MINN.

[H=1,133 ft.; h_t=11 ft.; h_r=3 ft.; h_a=47 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	12.1	W.	44	W.	2	2	5	0	1	3	17	23	11	0	17	8	6	8	2	14	8	0	0	31	0	31	0	0
February	12.2	NW.	42	NW.	1	1	10	4	0	2	7	13	21	0	8	14	7	5	1	17	5	0	0	27	0	29	0	0
March	12.5	NE.	39	NW.	0	4	15	3	0	0	14	16	10	0	10	18	3	6	2	12	6	0	1	22	0	31	0	0
April	15.1	NE.	70	NW.	3	3	26	4	1	1	7	7	10	1	11	11	8	7	6	4	2	1	6	0	0	22	2	0
May	14.5	NE.	49	NE.	6	0	36	1	1	1	4	12	7	0	4	12	15	19	14	1	1	2	10	0	0	1	9	1
June	12.8	NE.	43	W.	1	5	26	0	0	2	6	10	11	0	15	9	6	7	5	0	0	0	2	0	1	0	4	0
July	10.7	NE.	42	W.	1	1	21	5	1	1	9	13	10	1	13	13	5	13	8	0	0	0	9	0	0	0	7	0
August	10.4	NE.	32	NE.	0	4	37	2	1	0	3	7	8	0	3	11	17	15	9	0	0	0	12	0	0	0	4	0
September	11.6	NE.	46	W.	2	2	19	3	2	1	9	16	8	0	11	11	8	11	6	2	1	0	7	0	0	2	5	0
October	13.5	SW.	50	SW.	1	1	10	4	1	4	18	16	8	0	11	10	10	8	2	3	0	2	0	1	0	8	1	0
November	12.8	W.	50	W.	3	4	11	0	4	2	10	17	11	1	6	14	10	4	1	11	2	0	1	7	0	26	0	0
December	14.4	SW.	54	NW.	7	1	6	1	1	2	19	15	17	0	4	8	19	12	8	18	11	0	3	21	0	31	0	0
Year	12.7	NE.	70	NW.	27	28	222	27	13	19	123	165	132	3	113	139	114	115	64	82	36	5	51	109	1	181	32	1

DURANGO, COLO.

[H=6,546 ft.; h_t=18 ft.; h_r=3 ft.; h_a=56 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	4.9	NW.	29	NE.	0	8	1	0	2	13	4	11	23	0	15	13	3	3	3	5	3	0	0	4	0	31	0	0
February	5.7	NW.	29	W.	0	6	3	0	2	9	5	5	28	0	12	14	3	2	2	5	2	0	0	2	0	29	0	0
March	4.9	NW.	28	S.	0	4	4	1	3	12	8	8	21	1	4	15	12	19	19	19	18	0	0	0	0	26	0	0
April	6.4	NW.	29	W.	0	3	6	0	2	7	8	9	24	1	6	17	7	10	10	9	7	0	0	0	0	24	0	0
May	6.6	NW.	38	SW.	0	4	2	0	0	3	8	11	34	0	9	18	4	4	0	3	2	0	0	0	0	7	1	0
June	5.8	NW.	30	NE.	0	5	13	0	2	0	2	9	29	0	9	20	1	10	6	0	0	1	0	0	0	0	11	0
July	5.3	NW.	34	SE.	0	11	10	1	2	2	2	13	21	0	8	19	4	14	7	0	0	0	0	0	0	0	9	0
August	5.0	NW.	25	SW.	0	6	11	0	3	2	0	13	27	0	12	16	3	10	6	0	0	0	0	0	0	0	6	0
September	5.8	NW.	27	S.	0	3	3	0	0	5	6	12	30	1	14	15	1	3	0	0	0	0	0	0	0	8	1	0
October	5.3	NW.	36	SW.	0	1	5	1	3	6	9	10	26	1	11	14	6	9	9	6	5	1	0	0	0	17	2	0
November	5.4	NW.	26	NE.	0	2	3	1	5	10	7	3	29	0	19	8	3	3	3	4	3	0	0	0	0	30	0	0
December	5.3	NW.	26	NW.	0	5	3	1	1	16	7	6	23	0	15	14	2	6	4	7	6	0	0	5	0	31	0	0
Year	5.5	NW.	38	SW.	0	58	64	5	25	85	66	110	315	4	134	183	49	93	69	58	46	2	0	11	0	203	30	0

DUTCH HARBOR, ALASKA.

[H=——ft.; h_t=——.; h_r=——ft.; h_a=——ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	.....	S.	....	.....	....	6	8	1	0	9	1	1	5	0	7	6	18	12	12	0	0	0	0	5	0	26	0	0
February	.....	NE.	....	.....	....	5	8	0	4	6	2	0	3	1	6	10	13	10	10	0	0	0	0	3	0	25	0	0
March	.....	S.	....	.....	....	0	1	0	7	12	4	3	4	0	9	10	12	13	13	0	0	0	0	2	0	22	0	0
April	.....	S.	....	.....	....	1	3	2	8	8	5	1	2	0	6	10	14	19	19	0	0	0	0	0	0	13	0	0
May	.....	NW.	....	.....	....	6	3	2	4	3	4	3	6	0	10	6	15	14	14	0	0	0	0	0	0	11	0	0
June	.....	E.	....	.....	....	0	7	10	2	4	1	2	4	0	8	10	12	7	7	0	0	0	0	0	0	2	0	0
July	.....	SE.	....	.....	....	0	4	8	10	2	6	0	1	0	2	11	18	9	9	0	0	0	0	0	0	0	0	0
August	.....	SW.	....	.....	....	2	2	5	3	2	9	5	3	0	4	12	15	9	9	0	0	0	0	0	0	0	0	0
September	.....	NE.	....	.....	....	4	6	0	6	3	5	0	6	0	4	6	20	21	21	0	0	0	0	0	0	1	0	0
October	.....	SW.	....	.....	....	1	3		1	1	13	1	10	0	2	8	21	21	21	0	0	0	0	0	0	8	0	0
November	.....	SW.	....	.....	....	0	1	1	4	6	10	1	5	2	5	7	18	22	22	0	0	0	0	0	0	24	0	0
December	.....	SW.	....	.....	....	5	1	1	4	8	6	0	0	6	9	2	20	11	11	0	0	0	0	11	0	28	0	0
Year	.....	SW.	....	.....	....	30	47	31	53	64	66	17	49	9	72	98	196	168	168	0	0	0	0	21	0	160	0	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

EAGLE, ALASKA.

[ϕ=—° —′ N.; λ=—° —′ 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	.....	.....	.....	.....	.....	2.5	−12.6	−5.0	31	−57	.....	.....	.....	.....	.....	.....	0.06	.....	.....	.....	.....
February	28.885	29.457	28.214	.....	9.9	19.7	−2.1	8.8	44	−31	.....	.....	.....	.....	.....	.....	.29	0.15	.....	5.9	5.5
March	28.981	29.426	28.365	.....	19.2	33.3	3.6	18.4	51	−30	.....	.....	.....	.....	.....	.....	.11	.05	.....	6.2	6.6
April	28.848	29.348	28.445	.....	40.1	48.5	15.8	32.2	59	0	.....	.....	.....	.....	.....	.....	T.	T.	.....	2.9	3.7
May	28.770	29.260	28.402	.....	56.1	64.6	64.6	30.8	78	16	.....	.....	.....	.....	.....	.....	.43	.26	.....	5.7	6.4
June	28.883	29.286	28.469	.....	59.3	65.9	36.6	51.2	80	24	.....	.....	.....	.....	.....	.....	2.09	.49	.....	6.7	7.4
July	28.964	29.392	28.658	.....	62.6	69.5	39.9	54.7	84	30	.....	.....	.....	.....	.....	.....	2.52	.90	.....	8.3	7.7
August	28.798	29.095	28.505	.....	56.8	66.2	34.9	50.6	77	20	.....	.....	.....	.....	.....	.....	2.48	1.00	.....	7.3	6.6
September	28.762	29.227	28.341	.....	45.6	55.9	29.9	42.9	67	12	.....	.....	.....	.....	.....	.....	.76	.14	.....	8.1	8.0
October	28.692	29.130	28.213	.....	27.8	36.5	19.9	28.2	58	− 2	.....	.....	.....	.....	.....	.....	1.66	.47	.....	6.7	8.4
November	28.650	29.267	28.112	.....	9.4	16.8	1.2	9.0	36	−40	.....	.....	.....	.....	.....	.....	.24	.14	.....	3.6	5.2
December	28.646	29.166	28.198	.....	−6.5	0.9	−16.0	−7.5	36	−50	.....	.....	.....	.....	.....	.....	1.10	.28	.....	6.6	8.1
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

EASTPORT, ME.

[ϕ=44° 54′ N.; λ=66° 59′ W.]

January	29.814	30.493	28.932	11.7	15.7	22.1	6.5	14.3	48	−12	7	11	79	81	0.072	0.079	4.37	1.13	5.5	5.1	7.3
February	29.688	30.233	28.816	17.7	22.3	27.2	13.7	20.4	48	− 9	12	17	76	78	.081	.095	2.16	.96	4.2	3.8	5.2
March	29.956	30.569	29.180	25.6	30.0	36.0	21.7	26.0	53	2	20	25	77	80	.116	.142	3.76	1.09	5.8	4.9	5.7
April	29.850	30.494	29.040	36.1	39.4	46.3	32.0	39.2	64	16	30	34	77	80	.170	.197	3.06	.87	5.0	4.3	5.5
May	29.869	30.283	29.270	48.1	49.0	56.7	43.1	49.9	79	36	42	43	80	80	.276	.284	3.93	1.09	6.8	5.1	6.8
June	29.798	30.105	29.423	56.4	55.2	66.0	47.1	56.6	90	38	47	48	73	77	.339	.343	1.35	.44	4.2	5.5	5.6
July	29.824	30.174	29.416	60.6	59.1	68.2	52.0	60.1	89	46	55	54	83	82	.446	.416	2.25	.88	4.7	5.1	6.2
August	29.824	30.253	29.416	56.9	57.8	65.3	52.4	58.8	74	45	52	53	84	83	.392	.400	3.76	.81	5.0	4.0	6.6
September	29.967	30.325	29.544	53.3	55.8	62.7	49.6	56.2	78	36	48	50	81	82	.333	.372	1.67	.59	5.5	6.4	5.9
October	29.918	30.383	29.421	47.7	49.0	54.5	43.2	48.8	77	32	42	43	80	80	.276	.285	3.05	.66	4.9	4.2	5.9
November	29.851	30.280	29.392	37.1	38.4	44.6	33.1	38.8	60	21	32	33	79	81	.185	.195	2.86	1.69	5.5	6.9	7.1
December	29.815	30.494	28.534	28.3	29.2	36.4	21.0	28.7	50	1	22	24	77	79	.132	.139	5.83	1.64	6.0	3.8	5.9
Year	29.848	30.569	28.534	40.0	41.7	48.8	34.6	41.5	90	−12	34	36	79	80	.235	.246	38.05	1.69	5.3	4.9	6.1

ELKINS, W. VA.

[ϕ=38° 53′ N.; λ=79° 49′ W.]

January	27.939	28.319	27.381	18.1	24.0	33.0	10.9	22.0	55	−20	14	17	83	76	0.096	0.113	2.88	0.80	8.6	5.5	7.4
February	27.885	28.261	27.023	19.0	27.4	35.9	15.6	25.8	60	− 5	16	21	88	77	.102	.119	2.11	1.14	7.7	6.1	6.8
March	28.012	28.431	27.385	34.0	40.0	49.0	28.3	38.6	70	13	30	32	85	74	.178	.187	5.50	1.26	7.9	7.1	7.3
April	27.976	28.365	27.349	48.2	54.7	65.8	39.6	52.7	81	25	40	39	75	57	.269	.253	2.67	.82	6.7	5.5	6.3
May	27.962	28.237	27.658	56.0	62.8	73.9	47.5	60.7	89	36	49	51	79	66	.360	.379	4.35	1.43	6.1	4.8	5.2
June	28.054	28.406	27.819	59.6	65.7	76.9	51.7	64.3	87	33	54	57	83	75	.431	.477	4.93	1.00	6.8	6.5	6.3
July	28.062	28.306	27.740	65.0	69.4	81.6	59.3	70.4	91	50	61	63	87	82	.537	.586	10.61	3.97	8.0	6.8	6.3
August	28.014	28.217	27.635	62.2	66.1	77.4	56.5	67.0	86	42	58	61	88	83	.503	.537	3.30	.89	6.9	6.3	7.0
September	28.061	28.312	27.840	59.2	63.8	78.8	55.0	66.9	90	36	57	59	92	86	.478	.523	4.18	1.56	5.2	4.3	4.6
October	28.082	28.385	27.866	43.8	51.8	67.9	39.0	53.4	83	27	42	46	92	80	.275	.317	1.10	.60	4.6	2.3	4.5
November	28.047	28.392	27.555	36.2	40.1	51.2	30.1	40.6	69	13	29	30	76	69	.167	.175	2.46	1.66	6.6	3.8	6.0
December	28.007	28.368	27.545	27.8	35.7	45.5	22.8	34.2	71	1	24	28	85	74	.147	.164	2.87	.73	6.8	5.6	6.0
Year	28.008	28.431	27.023	44.1	50.1	61.4	38.0	49.7	91	−20	40	42	84	75	.295	.319	46.96	3.97	6.8	5.4	6.1

EL PASO, TEX.

[ϕ=31° 47′ N.; λ=106° 30′ W.]

January	26.225	26.492	25.884	35.3	55.3	58.8	32.6	45.7	70	23	19	14	50	19	0.101	0.083	0.00	0.00	1.9	2.7	2.7
February	26.157	26.470	25.762	35.8	56.5	60.5	32.3	46.4	73	18	17	13	46	20	.092	.077	.15	.15	1.3	1.8	2.3
March	26.110	26.331	25.825	44.2	63.3	66.5	41.6	54.0	83	32	27	20	52	23	.148	.117	.27	.25	3.5	3.5	3.6
April	26.128	26.390	25.895	47.8	68.0	71.7	46.5	59.1	86	36	28	16	49	20	.155	.107	.96	.88	2.1	2.1	2.5
May	26.106	26.340	25.883	59.9	82.5	85.5	57.5	71.5	96	44	29	18	33	11	.164	.110	T.	T.	1.5	1.9	1.8
June	26.158	26.370	25.823	67.2	86.6	90.2	65.4	77.8	98	55	45	40	49	22	.318	.258	1.27	.48	1.8	3.7	2.7
July	26.178	26.321	25.994	70.4	87.6	92.8	69.3	81.0	100	61	53	46	56	28	.419	.337	1.11	.29	2.8	5.0	3.6
August	26.166	26.283	26.014	68.1	83.5	88.8	66.9	77.8	100	61	58	53	73	41	.488	.417	2.83	.61	3.9	5.7	4.2
September	26.169	26.346	25.951	61.1	79.3	82.5	59.6	71.0	91	50	48	42	64	32	.348	.288	1.77	1.24	1.8	2.1	2.5
October	26.208	26.497	25.885	53.1	69.0	73.9	50.5	62.2	83	39	40	37	63	34	.259	.237	.50	.16	2.5	1.9	2.6
November	26.310	26.569	25.990	39.3	56.9	62.4	36.2	49.3	80	26	28	28	65	36	.152	.155	.80	.54	2.1	2.3	2.3
December	26.258	26.667	25.885	32.2	46.1	50.2	29.9	40.0	62	17	25	24	73	44	.136	.134	.48	.17	2.8	3.7	3.2
Year	26.182	26.667	25.762	51.2	69.6	73.6	49.0	61.3	100	17	35	29	56	28	.232	.193	10.14	1.24	2.3	3.1	2.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

EAGLE, ALASKA.

[H=ft.; h_t=ft.; h_r=ft.; h_a=ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	.....	SE.	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	2	16	1	.....	.....	.....	0	0	.....	.....	.....	0	7
February	.....	S.	....	.....	....	0	1	3	9	11	2	1	2	0	11	5	13	4	2	5	0	0	0	25	0	29	0	4
March	.....	SE.	....	.....	....	0	2	1	10	8	8	2	0	0	9	6	16	5	1	5	0	0	0	13	0	31	0	15
April	.....	SE.	....	.....	....	2	1	2	7	4	4	4	5	1	13	12	5	0	0	3	0	0	0	0	0	30	0	10
May	.....	NW.	....	.....	....	7	0	0	7	6	2	1	7	1	7	8	16	6	5	6	0	1	0	0	0	19	0	0
June	.....	NW	....	.....	....	3	0	0	5	6	4	0	8	4	3	9	18	17	13	0	0	1	0	0	0	5	1	0
July	.....	SE.	....	.....	....	6	4	0	9	2	0	0	6	4	4	6	21	14	11	0	0	0	0	0	0	6	0	0
August	.....	S.	....	.....	....	2	4	3	6	7	3	3	0	3	2	15	14	11	7	0	0	1	1	0	0	14	0	0
September	.....	S.	....	.....	....	1	1	0	8	9	4	4	2	1	2	5	23	12	9	0	0	0	2	0	0	17	0	4
October	.....	SW.	....	.....	....	2	2	1	3	6	8	7	1	1	2	7	22	15	14	10	0	0	2	12	0	27	0	0
November	.....	SE.	....	.....	....	4	1	2	11	0	1	3	8	0	10	8	12	2	2	4	0	0	0	27	0	30	0	4
December	.....	SE.	....	.....	....	6	5	0	7	1	1	3	5	3	4	3	24	15	9	19	0	0	0	30	0	31	0	0
Year	.....	SE.	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80	86	200	102	.....	.....	.....	3	5	.....	.....	.....	1	44

EASTPORT, ME.

[H=76 ft.; h_t=67 ft.; h_r=62 ft.; h_a=85 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	15.5	W.	68	NE.	4	9	5	4	0	1	9	20	14	0	5	10	16	13	13	12	12	0	0	23	0	31	0	1
February	13.7	W.	55	E.	2	3	6	2	1	1	8	23	14	0	12	9	8	10	8	10	10	0	0	24	0	29	1	1
March	13.0	W.	48	SE.	2	8	2	1	3	10	10	18	10	0	11	8	12	13	9	7	6	0	1	11	0	25	0	0
April	12.2	W.	48	NE.	1	3	7	3	4	12	9	12	10	0	13	6	11	12	9	4	4	0	5	0	0	13	1	0
May	10.3	S.	31	S.	0	5	5	4	1	25	9	4	7	2	5	10	16	13	11	0	0	0	6	0	0	0	2	0
June	9.5	SW.	30	W.	0	2	3	1	1	14	18	13	8	0	9	15	6	9	7	0	0	0	3	0	1	0	1	0
July	8.9	S.	54	E.	1	3	4	1	0	23	16	6	9	0	8	11	12	11	10	0	0	0	7	0	0	0	4	0
August	7.6	S.	26	S.	0	1	1	4	1	24	14	6	11	0	3	17	11	14	12	0	0	0	11	0	0	0	10	0
September	8.5	NW.	39	NE.	0	8	5	1	1	12	10	7	13	3	8	12	10	12	9	0	0	0	2	0	0	0	1	0
October	12.8	W.	60	NE.	3	1	5	5	1	14	9	16	10	1	11	7	13	13	11	0	0	0	0	0	0	1	2	1
November	13.6	SW.	60	NE.	6	3	6	0	2	3	21	12	13	0	3	12	15	12	10	4	4	0	1	0	0	13	1	0
December	13.5	SW.	44	SE.	3	6	1	2	4	7	17	15	10	0	11	6	14	14	11	7	6	0	1	9	0	25	0	0
Year	11.6	W.	68	NE.	22	52	50	28	19	146	150	152	129	6	99	123	144	146	120	44	42	0	37	67	1	137	23	3

ELKINS, W. VA.

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

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.3	W.	37	NW.	0	2	0	2	2	7	11	27	10	1	4	9	18	22	18	19	16	0	0	13	0	27	0	0
February	4.6	W.	32	W.	0	5	5	0	1	6	5	29	5	2	7	6	16	14	10	16	11	0	1	13	0	26	0	0
March	4.5	W.	22	W.	0	6	1	1	5	9	6	18	14	2	5	8	18	19	17	14	7	2	1	3	0	20	8	0
April	5.5	W.	34	W.	0	6	0	3	3	13	8	19	4	4	7	10	13	14	12	5	2	0	0	0	0	10	8	0
May	3.5	W.	21	W.	0	7	1	2	8	8	5	14	10	7	12	8	11	14	13	0	0	0	1	0	0	0	5	0
June	3.1	W.	24	NW.	0	12	0	4	7	6	3	10	11	7	6	10	14	15	12	0	0	0	8	0	0	0	12	0
July	2.8	S.	22	NW.	0	6	1	1	5	20	6	4	8	11	4	17	10	19	13	0	0	0	1	0	1	0	16	0
August	3.0	W.	19	W.	0	10	2	0	5	12	5	18	0	10	4	10	17	15	12	0	0	0	8	0	0	0	4	0
September	2.7	NW.	15	SW.	0	6	1	4	9	8	3	7	12	10	14	8	8	15	11	0	0	0	12	0	1	0	5	0
October	2.8	W.	17	SE.	0	9	0	1	5	1	7	12	8	19	14	10	7	7	5	0	0	0	13	0	0	7	1	0
November	4.9	W.	20	W.	0	0	1	1	2	9	8	21	10	8	9	8	13	10	6	9	4	0	1	3	0	20	0	0
December	4.4	W.	30	W.	0	3	1	1	3	10	14	25	3	2	9	8	14	13	10	9	6	0	0	3	0	24	0	0
Year	3.9	W.	37	NW.	0	72	13	20	55	109	81	204	95	83	95	112	159	177	139	72	46	2	46	35	2	134	59	0

EL PASO, TEX.

[H=3,762 ft.; h_t=110 ft.; h_r=102 ft.; h_a=133 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.7	NW.	47	SW.	1	5	4	4	4	1	3	19	22	0	21	5	5	0	0	0	0	0	0	0	0	16	0	....
February	11.5	NW.	44	W.	4	0	4	8	10	1	3	16	16	0	20	9	0	1	1	2	1	0	0	0	0	15	0	....
March	14.1	W.	54	W.	5	1	5	7	6	2	8	20	13	0	16	10	5	2	2	0	0	0	0	0	0	1	1	....
April	13.9	W.	38	W.	7	1	7	4	4	2	4	19	19	0	22	4	4	3	3	0	0	0	0	0	0	0	0	....
May	12.0	NW.	54	NW.	5	0	4	7	6	0	9	15	21	0	26	3	2	0	0	0	0	0	0	0	12	0	0	....
June	12.1	SE.	62	SW.	3	4	8	14	19	1	2	5	7	0	19	11	0	9	6	0	0	0	0	0	18	0	10	....
July	9.7	SE.	50	NE.	3	0	9	11	18	2	3	6	13	0	12	19	0	11	7	0	0	0	0	0	24	0	11	....
August	8.6	E.	51	NE.	3	0	8	13	12	3	2	9	15	0	9	20	2	17	9	0	0	0	0	0	12	0	18	....
September	10.1	E.	34	W.	0	3	11	16	7	2	3	11	7	0	21	4	5	7	5	0	0	0	1	0	2	0	2	....
October	11.2	E.	43	SE.	2	3	11	13	9	2	4	10	10	0	20	9	2	6	5	0	0	0	0	0	0	0	3	....
November	8.7	NW.	51	NE.	4	1	7	13	13	1	2	6	17	0	21	6	3	4	3	0	0	0	1	0	0	6	0	....
December	10.9	NW.	49	NE.	1	3	12	8	6	0	0	17	16	0	17	9	5	5	5	4	2	0	0	0	0	22	1	....
Year	11.0	NW.	58	W.	38	21	90	118	114	17	43	153	176	0	224	109	33	65	46	6	3	0	2	0	68	60	46	....

Annual meteorological summary for the year ending December 31, 1912—Continued.

ERIE, PA.

[ϕ=42° 7′ N.; λ=80° 5′ 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	29.241	29.789	28.488	14.2	17.8	22.7	10.0	16.4	47	−9	9	13	79	79	0.071	0.084	3.46	0.71	9.1	8.3	8.3
February	29.191	29.737	28.125	17.5	21.8	27.2	14.7	21.0	47	−10	12	17	79	80	.082	.101	1.21	.48	8.3	6.8	6.9
March	29.351	29.891	28.639	25.4	29.3	35.5	21.5	28.5	62	6	20	25	78	82	.111	.136	3.12	.77	5.5	6.5	6.0
April	29.208	29.677	28.796	43.4	45.7	53.8	37.2	45.5	78	26	35	37	74	73	.211	.232	4.22	.99	6.7	5.6	6.0
May	29.162	29.444	28.781	57.4	59.5	67.6	49.4	58.5	86	34	47	49	70	69	.334	.356	3.29	1.46	6.8	4.8	5.3
June	29.273	29.678	28.913	62.6	65.7	70.8	56.4	63.6	81	43	51	54	67	68	.388	.431	3.07	2.13	4.5	4.2	4.4
July	29.264	29.506	28.940	70.0	71.3	76.8	63.9	70.4	92	53	60	62	71	74	.532	.567	3.09	1.33	6.2	5.7	6.1
August	29.196	29.470	28.798	64.6	67.1	72.1	60.4	66.2	83	51	57	60	77	78	.481	.524	5.90	1.19	8.0	5.5	7.1
September	29.271	29.603	28.962	63.7	66.7	72.9	59.5	66.2	86	41	58	60	83	78	.512	.534	4.59	1.43	6.4	5.7	6.0
October	29.291	29.702	29.017	52.3	55.3	62.5	48.5	55.5	77	39	43	45	72	71	.290	.317	5.38	3.24	6.3	5.1	6.0
November	29.229	29.706	28.635	41.8	44.1	49.2	38.2	43.7	69	27	33	37	71	78	.197	.232	2.17	.83	8.2	6.8	7.6
December	29.206	29.631	28.703	32.9	35.3	40.4	28.6	34.5	60	14	25	28	72	76	.145	.161	2.59	.71	7.8	6.6	7.7
Year	29.240	29.891	28.125	45.5	48.3	54.3	40.7	47.5	92	−10	38	41	74	76	.280	.306	42.09	3.24	7.0	6.0	6.4

ESCANABA, MICH.

[ϕ=45° 48′ N.; λ=87° 5′ W.]

January	29.372	29.913	28.739	−3.6	2.3	8.6	−8.5	0.0	23	−22	−6	−4	90	72	0.032	0.036	0.73	0.28	6.5	4.2	4.5
February	29.313	29.787	28.893	6.9	13.8	19.3	3.5	11.4	36	−18	4	11	89	86	.061	.076	.54	.26	6.2	6.6	6.4
March	29.487	30.079	28.925	13.4	22.6	27.8	10.0	18.9	48	−8	10	18	83	82	.071	.102	.59	.38	5.3	4.8	4.5
April	29.283	29.670	28.682	33.3	38.9	44.5	29.8	37.2	59	14	27	30	77	72	.149	.173	1.91	.85	6.3	5.5	5.9
May	29.253	29.603	28.713	47.3	50.4	57.6	41.5	49.6	75	33	40	43	77	77	.255	.284	4.55	1.57	6.1	7.8	6.3
June	29.357	29.740	28.714	56.9	62.0	68.1	50.0	59.0	85	35	47	49	70	64	.328	.359	1.62	.71	4.5	5.4	4.5
July	29.343	29.676	29.068	62.0	67.1	71.8	56.3	64.0	88	41	56	57	81	72	.459	.484	1.25	.30	5.1	6.3	6.1
August	29.279	29.607	28.816	57.3	61.9	65.7	52.9	59.3	83	42	53	54	86	78	.412	.433	7.46	1.58	7.4	6.9	7.4
September	29.331	29.764	29.042	54.4	59.4	65.3	49.9	57.6	87	30	51	52	88	79	.397	.420	3.88	1.71	6.0	5.9	6.3
October	29.323	29.773	28.782	43.5	49.9	56.1	39.3	47.7	73	25	38	41	81	72	.237	.265	2.23	1.13	4.7	4.1	4.5
November	29.293	29.658	28.882	31.4	36.1	40.8	28.6	34.7	53	13	27	29	81	74	.146	.161	.76	.33	5.3	6.3	6.5
December	29.181	29.594	28.681	23.3	26.0	32.0	18.1	25.0	44	−4	18	21	77	81	.102	.122	1.80	.75	7.7	6.3	7.0
Year	29.318	30.079	28.681	35.5	40.9	46.5	31.0	38.7	88	−22	30	33	82	76	.221	.243	27.32	1.71	5.9	5.8	5.8

EUREKA, CAL.

[ϕ=40° 48′ N.; λ=124° 11′ W.]

January	30.034	30.375	29.533	46.8	51.9	55.0	44.2	49.6	64	30	43	47	88	84	0.286	0.324	10.17	4.42	5.6	6.8	7.7
February	30.129	30.328	29.719	46.7	52.0	54.0	43.8	48.9	61	35	44	47	90	83	.289	.323	5.73	2.19	5.7	7.4	7.4
March	29.940	30.198	29.495	42.8	50.2	52.2	40.4	46.3	60	32	40	43	89	78	.247	.281	4.73	1.38	6.3	5.0	5.5
April	30.014	30.311	29.486	45.5	51.2	53.1	43.7	48.4	61	38	42	44	89	78	.273	.290	5.92	1.87	8.0	6.8	7.4
May	30.015	30.243	29.702	49.0	54.5	56.8	47.4	52.1	63	43	46	48	90	81	.312	.342	1.98	.53	6.6	4.9	5.9
June	29.990	30.167	29.775	51.4	56.7	59.3	50.2	54.8	65	46	49	51	92	81	.345	.372	1.29	.53	6.1	5.8	6.2
July	29.992	30.095	29.800	52.3	57.4	59.1	51.2	55.2	66	46	50	52	94	84	.365	.395	.05	.02	6.4	6.0	7.0
August	29.987	30.120	29.847	53.9	59.1	61.5	52.8	57.2	67	48	52	55	94	87	.390	.436	.08	.04	7.4	6.5	6.8
September	29.933	30.077	29.724	53.0	59.7	62.9	51.4	57.2	71	46	51	55	94	85	.376	.437	2.40	1.04	4.5	4.1	6.0
October	30.015	30.191	29.660	47.4	53.7	57.0	44.6	50.8	63	38	46	49	93	85	.306	.347	1.55	.55	2.3	2.9	5.9
November	30.048	30.381	29.594	49.6	54.8	58.5	45.2	52.4	71	38	47	50	92	85	.328	.362	6.86	1.91	6.1	6.0	7.3
December	30.202	30.454	29.634	43.4	49.9	52.8	40.5	46.6	63	33	41	45	92	85	.263	.304	5.83	1.23	4.5	5.9	6.5
Year	30.025	30.454	29.486	48.5	54.3	56.8	45.4	51.6	71	30	46	49	91	83	.315	.351	46.59	4.42	5.8	5.7	6.6

EVANSVILLE, IND.

[ϕ=37° 58′ N.; λ=87° 33′ W.]

January	29.662	30.078	29.197	20.3	25.5	31.2	16.4	23.8	52	−12	15	18	79	72	0.097	0.113	3.37	1.44	4.8	4.1	4.7
February	29.584	29.987	28.656	25.1	31.3	36.4	21.9	29.2	56	−6	20	23	80	71	.117	.134	2.56	1.21	5.7	4.8	5.7
March	29.641	30.172	28.967	34.8	42.1	47.1	32.3	39.7	75	19	29	35	79	76	.164	.214	5.53	.95	7.1	6.3	6.4
April	29.537	29.991	29.015	53.7	60.8	66.5	49.9	58.2	81	37	45	50	74	68	.316	.376	7.02	1.87	5.4	6.2	5.3
May	29.482	29.837	29.006	63.0	71.4	76.7	59.3	68.0	86	44	54	57	72	63	.425	.480	3.84	1.15	4.2	4.8	4.6
June	29.578	29.855	29.140	66.9	74.7	79.7	62.5	71.1	87	51	57	58	72	58	.478	.501	3.36	1.91	4.9	5.3	5.2
July	29.566	29.757	29.357	73.7	80.9	88.3	70.4	78.4	94	64	68	69	83	68	.689	.721	5.30	2.66	5.0	4.3	5.0
August	29.527	29.768	29.203	70.0	78.3	83.5	67.1	75.3	92	53	65	67	84	68	.626	.671	4.00	1.25	4.0	3.6	4.4
September	29.569	29.888	29.368	65.1	74.7	81.0	62.5	71.8	95	45	59	60	81	61	.536	.544	2.64	1.51	2.8	3.0	3.6
October	29.632	29.941	29.114	53.5	64.4	70.8	50.6	60.7	87	37	47	49	78	59	.337	.365	2.50	.99	4.0	2.8	3.8
November	29.697	30.057	29.364	40.8	49.4	54.8	38.4	46.6	73	25	32	33	72	54	.190	.200	.35	.15	3.1	2.4	4.1
December	29.648	30.113	29.236	33.1	39.6	45.5	30.3	37.9	63	15	26	28	75	63	.148	.163	1.69	.62	3.7	4.4	4.7
Year	29.594	30.172	28.656	50.0	57.8	63.3	46.8	55.1	95	−12	43	46	77	65	.344	.374	42.65	2.66	4.5	4.4	4.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

ERIE, PA.

[H=714 ft.; h_t=92 ft.; h_r=82 ft.; h_a=102 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	12.6	W.	46	SE.	2	2	3	2	6	7	19	17	6	0	1	6	24	26	21	28	23	0	0	26	0	31	0	0
February	10.9	W.	47	W.	2	0	8	2	3	9	14	22	0	0	3	13	13	14	8	16	12	0	0	16	0	25	1	0
March	10.1	NE.	30	NE.	0	6	15	5	4	9	7	11	5	0	5	16	10	15	11	15	11	0	2	13	0	27	2	0
April	13.7	W.	43	S.	1	3	12	4	3	11	8	17	2	0	7	13	10	13	10	4	2	0	1	2	0	8	4	0
May	9.9	W.	37	SW.	0	1	9	2	3	12	14	18	3	0	8	14	9	14	10	1	0	0	0	0	0	0	7	0
June	9.6	W.	32	S.	0	3	9	3	2	12	12	13	6	0	15	8	7	6	5	0	0	0	0	0	0	0	6	0
July	7.9	S.	40	NW.	1	3	6	8	2	11	14	13	5	0	4	19	8	12	9	0	0	0	0	0	1	0	9	0
August	8.9	S.	30	W.	0	1	3	5	1	21	10	11	10	0	1	13	17	16	14	0	0	1	0	0	0	0	10	0
September	9.2	S.	29	N.	0	6	4	3	2	21	14	8	2	0	7	13	10	13	12	0	0	2	0	0	0	0	5	0
October	10.9	S.	31	S.	0	0	2	5	2	24	8	7	14	0	8	10	13	12	10	0	0	0	0	0	0	0	2	0
November	14.3	SW.	36	S.	0	3	0	0	0	20	19	9	9	0	4	4	22	12	7	9	6	1	1	0	0	7	0	0
December	15.2	SW.	36	W.	0	0	0	0	2	26	20	10	4	0	2	9	20	13	11	12	6	0	1	4	0	19	0	0
Year	11.1	S.	47	W.	6	28	71	39	30	183	159	156	66	0	65	138	163	166	128	85	60	4	5	81	1	117	46	0

ESCANABA, MICH.

[H=612 ft.; h_t=54 ft.; h_r=44 ft.; h_a=60 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.1	NW.	35	N.	0	8	3	0	1	3	12	12	23	0	17	3	11	12	7	17	12	0	1	31	0	31	0	0
February	8.7	N.	44	NE.	1	13	7	0	2	9	8	8	11	0	8	6	15	11	4	19	11	0	1	24	0	29	0	0
March	10.3	S.	35	N.	0	15	12	0	0	13	12	4	6	0	14	10	7	6	4	9	6	0	0	22	0	31	0	0
April	11.1	S.	36	NW.	0	14	9	4	4	13	6	3	7	0	7	14	9	9	6	4	0	2	3	0	0	19	2	0
May	10.8	S.	40	N.	1	13	7	10	4	15	9	1	3	0	7	13	11	15	12	0	0	4	5	0	0	0	6	0
June	9.0	S.	27	N.	0	12	8	6	4	9	4	9	8	0	14	9	7	10	8	0	0	1	0	0	0	0	7	1
July	8.5	S.	38	S.	0	13	9	1	4	19	7	6	3	0	8	10	13	12	8	0	0	0	2	0	0	0	9	0
August	8.1	S.	28	NE.	0	14	7	10	5	12	4	3	7	0	3	9	19	17	12	0	0	1	0	0	0	0	6	0
September	8.1	S.	32	SE.	0	9	7	5	5	10	13	5	6	0	8	7	15	12	10	0	0	0	1	0	0	2	5	0
October	10.3	SW.	31	SW.	0	8	5	3	1	9	15	10	11	0	14	8	9	8	7	0	0	0	1	0	0	5	0	0
November	11.5	NW.	48	NE.	2	9	5	0	1	5	9	19	12	0	7	9	14	7	5	9	5	0	1	3	0	18	0	0
December	9.8	SW.	31	E.	0	4	3	1	2	9	17	10	16	0	6	7	18	8	5	15	4	0	1	13	0	29	1	0
Year	9.6	N.	48	NE.	4	132	82	40	33	126	116	90	113	0	113	105	148	127	88	73	38	8	16	93	0	164	36	1

EUREKA, CAL.

[H=62 ft.; h_t=73 ft.; h_r=65 ft.; h_a=89 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.2	SE.	36	SW.	0	6	2	7	16	14	9	4	4	0	5	5	21	17	13	0	0	0	8	0	0	3	0	0
February	7.2	SW.	37	N.	0	11	5	3	11	8	14	5	1	0	6	6	17	17	14	0	0	0	9	0	0	0	0	0
March	8.0	N.	38	N.	0	15	3	2	15	9	6	4	8	0	12	4	15	16	13	0	0	1	2	0	0	1	0	0
April	8.5	SE.	41	SW.	1	14	0	1	14	7	10	4	10	0	1	15	14	18	15	0	0	0	1	0	0	0	1	0
May	7.9	N.	40	N.	1	14	4	3	9	8	9	7	7	1	10	12	9	11	11	0	0	0	2	0	0	0	0	0
June	7.3	N.	33	N.	0	23	2	2	7	3	5	10	7	1	8	10	12	7	6	0	0	0	6	0	0	0	0	0
July	6.0	N.	22	NW.	0	14	5	0	3	1	13	8	14	4	5	10	16	5	0	0	0	0	11	0	0	0	0	0
August	5.0	N.	25	N.	0	23	2	3	9	3	5	6	8	3	6	8	17	3	1	0	0	0	7	0	0	0	0	0
September	4.5	SE.	27	SE.	0	11	3	3	13	6	6	10	8	0	9	8	13	7	6	0	0	0	12	0	0	0	0	0
October	7.5	SE.	36	N.	0	13	6	3	13	6	11	6	4	0	6	15	10	11	8	0	0	0	9	0	0	0	0	0
November	6.8	SE.	33	SW.	0	6	4	4	19	10	13	3	1	0	7	7	16	17	16	0	0	0	4	0	0	0	0	0
December	6.4	SE.	43	SW.	1	10	6	5	18	10	9	3	1	0	10	5	16	18	16	0	0	0	6	0	0	0	1	0
Year	6.8	N.	43	SW.	3	160	42	36	147	85	110	70	73	9	85	105	176	147	119	0	0	1	77	0	0	4	2	0

EVANSVILLE, IND.

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

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.7	NW.	34	W.	0	8	10	3	2	8	11	8	12	0	14	7	10	9	7	7	7	0	1	14	0	27	1	0
February	8.1	W.	30	W.	0	9	13	1	5	2	6	14	8	0	7	14	8	9	8	9	5	0	2	11	0	22	2	0
March	7.5	NE.	36	SW.	0	8	16	10	6	2	4	3	12	1	6	11	14	18	17	9	8	0	5	6	0	18	3	0
April	8.4	S.	37	S.	0	6	3	5	7	20	8	7	3	1	10	12	8	15	14	0	0	2	0	0	0	0	11	0
May	7.3	S.	43	SW.	1	7	2	8	6	21	8	5	5	0	10	15	6	12	9	0	0	1	0	0	0	0	11	0
June	6.3	S.	28	SW.	0	6	18	1	7	17	4	5	2	0	9	18	3	9	9	0	0	0	0	0	0	0	10	0
July	6.1	S.	32	W.	0	7	11	1	9	21	6	4	3	0	6	24	1	16	12	0	0	0	1	0	4	0	13	0
August	6.5	SW.	30	S.	0	3	12	4	5	12	21	1	3	1	11	19	1	13	10	0	0	0	0	0	6	0	13	0
September	5.5	NE.	20	NW.	0	11	15	7	7	12	3	3	2	0	15	12	3	5	5	0	0	0	0	0	11	0	6	0
October	5.7	S.	30	SW.	0	11	10	5	10	11	4	4	6	1	14	12	5	8	6	0	0	0	3	0	0	0	1	0
November	8.3	S.	30	S.	0	4	1	0	7	19	12	11	6	0	14	8	8	3	2	0	0	0	1	0	0	5	2	0
December	8.5	S.	30	S.	0	5	1	3	6	21	12	6	8	0	15	9	7	9	8	4	2	0	3	1	0	19	0	0
Year	7.2	S.	43	SW.	1	85	112	48	77	166	99	71	70	4	131	161	74	126	107	29	22	3	16	32	21	91	73	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

FLAGSTAFF, ARIZ.

[ϕ=35° 12′ N.; λ=111° 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	23.351	23.602	23.029	16.1	35.2	44.4	12.2	28.3	58	−19	12	17	85	47	0.079	0.093	0.02	0.02	2.4	3.8	3.3
February	23.290	23.549	22.819	20.4	43.0	49.7	15.6	32.6	58	3	12	8	70	24	.073	.063	.02	.01	1.4	3.2	2.8
March	23.207	23.438	22.895	26.2	38.1	44.4	23.1	33.8	53	3	....	....	....	....	....	....	5.25	1.85	....	....	....
April	23.267	23.521	22.957	28.1	45.0	50.1	25.9	38.0	65	13	....	....	....	....	....	....	1.98	.69	3.6	5.0	....
May	23.339	23.536	23.023	35.9	59.1	64.2	33.4	48.8	78	24	....	....	....	....	....	....	.05	.04	....	....	....
June	23.412	23.550	23.146	43.6	69.5	75.2	41.5	58.4	85	29	....	....	....	....	....	....	.39	.28	1.4	4.3	....
July	23.464	23.549	23.290	48.9	68.6	74.3	47.8	61.0	85	32	....	....	....	....	....	....	4.96	1.47	4.2	6.0	....
August	23.452	23.529	23.304	48.7	69.2	75.1	47.2	61.2	82	40	....	....	....	....	....	....	.61	.29	....	....	....
September	23.400	23.519	23.160	36.5	64.0	69.5	34.9	52.2	79	20	....	....	....	....	....	....	.08	.05	1.5	2.2	....
October	23.357	23.566	22.963	35.1	48.1	54.4	31.8	43.1	67	17	....	....	....	....	....	....	3.65	2.00	3.7	3.2	....
November	23.437	23.646	23.154	26.0	41.7	51.5	22.3	36.9	64	13	....	....	....	....	....	....	.13	.06	1.1	2.3	....
December	23.353	23.676	23.070	17.4	28.7	36.4	12.9	24.6	50	0	....	....	....	....	....	....	.56	.22	1.7	2.9	....
Year	23.3[illegible]	23.676	22.819	31.9	50.8	57.4	29.0	43.2	85	−19	....	....	....	....	....	....	17.70	2.00	....	....	....

FORT SMITH, ARK.

[ϕ=35° 22′ N.; λ=94° 24′ W.]

January	29.639	30.072	29.144	27.6	37.0	43.9	22.8	33.4	67	− 1	22	23	79	56	0.130	0.139	1.34	1.24	3.4	5.2	4.9
February	29.556	30.123	28.960	31.5	41.6	48.1	28.2	38.2	65	5	24	25	72	53	.134	.145	1.60	.96	5.6	4.1	5.4
March	29.570	29.995	28.998	40.0	49.7	53.3	37.3	45.3	82	26	34	37	78	64	.206	.232	4.64	1.57	7.0	7.7	7.4
April	29.467	29.907	29.109	54.2	66.6	72.5	51.6	62.0	85	39	47	46	78	52	.338	.334	2.60	.47	6.6	5.4	5.7
May	29.422	29.780	29.071	63.6	77.0	81.8	60.4	71.1	92	46	57	56	79	50	.474	.466	2.54	1.11	4.7	3.7	4.3
June	29.519	29.734	29.004	67.3	79.0	84.6	64.2	74.4	95	54	60	60	80	56	.536	.539	5.39	2.89	4.3	5.7	4.3
July	29.510	29.629	29.385	75.7	88.2	94.4	73.3	83.8	101	67	70	69	82	55	.733	.714	.78	.34	4.2	3.8	4.2
August	29.493	29.701	29.310	71.4	83.7	90.7	70.0	80.4	101	60	67	67	87	60	.689	.673	2.76	1.00	3.7	2.8	3.7
September	29.510	29.846	29.261	64.3	79.4	87.3	62.9	75.1	101	46	57	56	79	47	.492	.475	1.88	1.40	3.1	2.3	2.7
October	29.567	29.901	29.269	55.2	69.5	76.6	53.1	64.8	93	38	49	50	80	53	.359	.382	1.92	1.63	5.8	4.0	4.5
November	29.692	30.053	29.360	42.5	55.2	62.6	40.0	51.3	76	24	37	40	82	58	.237	.264	1.95	1.90	3.6	3.2	2.8
December	29.638	30.097	29.201	33.8	45.4	51.5	31.0	41.2	68	21	27	29	74	53	.149	.167	.49	.32	4.5	4.0	5.0
Year	29.549	30.123	28.960	52.3	64.4	70.6	49.6	60.1	101	− 1	46	46	79	55	.371	.378	27.89	2.89	4.7	4.3	4.6

FORT WAYNE, IND.

[ϕ=41° 5′ N.; λ=85° 10′ W.]

January	29.135	29.616	28.614	12.4	16.3	20.9	7.4	14.2	42	−14	8	12	82	80	0.068	0.079	1.39	1.00	8.2	5.4	6.9
February	29.063	29.549	28.093	16.7	22.1	27.1	12.6	19.8	46	−10	13	16	85	77	.090	.099	2.28	1.24	6.5	5.4	5.7
March	29.202	29.692	28.547	24.1	31.0	36.1	21.2	28.6	69	7	20	25	84	77	.116	.140	2.72	.71	4.9	6.0	5.8
April	29.077	29.498	28.673	44.3	52.8	59.4	39.8	49.6	78	25	38	45	80	77	.241	.315	2.44	.49	5.5	5.1	4.7
May	29.009	29.289	28.620	57.7	66.0	72.9	51.7	62.3	86	34	52	56	84	71	.401	.451	3.40	.99	5.4	5.6	4.1
June	29.128	29.514	28.647	62.7	71.9	77.5	56.7	67.1	89	43	56	60	80	68	.469	.536	3.24	2.75	4.0	4.5	3.2
July	29.113	29.409	28.825	68.6	75.3	82.2	64.1	73.2	90	53	64	66	85	75	.604	.659	3.38	1.13	5.5	5.5	4.4
August	29.050	29.331	28.712	64.2	71.5	78.5	59.4	69.0	91	47	60	62	84	73	.523	.571	5.04	2.22	6.2	4.9	4.3
September	29.125	29.427	28.847	60.4	68.4	76.4	56.1	66.2	94	35	55	59	84	72	.462	.527	1.94	.60	4.9	3.9	4.6
October	29.152	29.551	28.763	46.4	56.8	65.3	42.7	54.0	82	32	42	46	85	70	.280	.334	2.47	1.00	4.8	2.7	4.1
November	29.125	29.490	28.700	36.5	42.9	49.4	34.2	41.8	71	20	30	35	75	74	.171	.214	1.23	1.00	5.7	3.8	5.7
December	29.079	29.526	28.513	29.8	33.7	40.3	25.6	33.0	60	5	24	28	78	78	.140	.163	1.07	.44	6.1	4.1	6.4
Year	29.105	29.692	28.093	43.6	50.7	57.2	39.3	48.2	94	−14	38	42	82	74	.297	.341	30.60	2.75	5.6	4.7	5.0

FORT WORTH, TEX.

[ϕ=32° 43′ N.; λ=97° 15′ W.]

January	29.386	29.811	28.893	32.9	45.6	53.5	27.7	40.6	77	1	24	31	70	58	0.139	0.187	0.17	0.17	4.9	4.3	5.0
February	29.304	29.923	28.830	37.6	51.7	57.6	33.6	45.6	82	10	26	30	63	49	.158	.178	1.22	.76	4.9	5.1	4.6
March	29.324	29.724	28.850	43.1	53.5	59.1	40.4	49.8	92	25	38	41	82	67	.246	.276	3.34	1.44	7.5	7.8	7.2
April	29.229	29.600	28.862	56.7	70.0	74.4	54.6	64.5	88	43	48	50	74	54	.356	.389	3.20	1.30	6.4	6.7	5.6
May	29.192	29.501	28.809	64.3	81.8	84.9	63.0	74.0	96	49	56	57	75	47	.461	.483	2.71	1.12	4.6	4.2	4.0
June	29.255	29.520	28.700	68.1	83.4	88.0	66.1	77.0	102	56	56	56	66	44	.453	.468	4.26	2.63	3.9	3.7	4.1
July	29.249	29.372	29.100	75.9	93.1	96.4	75.2	85.8	109	71	61	62	61	37	.541	.561	.27	.10	4.5	3.4	3.8
August	29.229	29.387	29.078	73.9	87.5	91.3	72.7	82.0	102	65	66	66	77	50	.643	.636	6.56	3.15	4.3	5.2	4.4
September	29.250	29.600	28.932	66.5	82.6	88.3	65.5	76.9	99	45	58	57	75	43	.519	.472	.83	.73	4.5	5.2	4.2
October	29.310	29.631	29.013	59.8	73.6	79.4	58.0	68.7	94	42	50	53	72	53	.384	.424	1.51	.99	5.5	4.5	5.2
November	29.459	29.779	29.103	45.9	60.6	67.0	43.5	55.2	79	27	35	38	66	46	.217	.246	.53	.21	3.8	3.6	3.4
December	29.400	29.851	28.993	40.1	48.5	54.1	36.9	45.5	74	27	29	30	65	54	.174	.177	1.95	1.14	6.3	5.0	6.2
Year	29.299	29.923	28.700	55.4	69.3	74.5	53.1	63.8	109	1	46	48	70	50	.358	.375	26.35	3.15	5.1	4.9	4.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

FLAGSTAFF, ARIZ.

[H=6,707 ft.; h_t=8 ft.; h_r=3 ft.; h_a=57 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	6.0	E.	32	SW.	0	5	7	16	4	2	9	13	6	0	19	9	3	1	0	1	0	0	0	3	0	31	0	0
February	7.0	NW.	37	SW.	0	8	5	10	3	1	9	11	11	0	21	4	4	2	0	2	0	0	0	1	0	29	0	0
March	.....	W.	....	.....	....	2	0	0	0	2	23	28	2	5	....	....	....	15	12	14	....	....	....	....	....	....	2	....
April	.....	W.	....	.....	....	4	1	5	2	2	12	30	1	3	....	....	....	7	6	7	....	....	....	1	0	28	....	....
May	.....	SW.	....	.....	1	7	0	7	0	2	17	12	12	5	15	15	1	2	1	0	0	0	0	0	0	14	0	0
June	.....	W.	....	.....	....	11	2	4	1	1	13	13	7	8	14	11	5	6	2	0	0	0	0	0	0	2	6	0
July	.....	W.	....	.....	0	7	2	1	0	1	14	20	8	9	5	14	12	18	13	0	0	0	0	0	0	2	13	0
August	.....	W.	....	.....	....	8	1	3	1	0	14	17	12	6	13	15	3	7	7	0	0	0	0	0	0	0	6	0
September	.....	SW.	....	.....	....	2	4	5	4	1	16	15	7	6	2	3	5	3	1	0	0	0	0	0	0	13	2	0
October	.....	SW.	54	SW.	1	9	2	12	4	0	18	10	7	0	14	6	11	10	10	2	0	0	0	0	0	16	1	0
November	.....	E.	40	NE.	1	6	3	23	3	0	5	11	8	1	22	2	6	3	2	2	0	0	0	0	0	28	0	0
December	.....	E.	37	NW.	0	3	6	22	5	1	4	9	11	1	20	4	7	5	3	5	0	0	1	....	....	....	0	0
Year	.....	W.	....	.....	....	72	33	108	27	13	154	189	92	44	....	....	....	79	57	33	....	....	....	....	....	....	....	....

FORT SMITH, ARK.

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

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.4	E.	32	S.	0	6	5	20	2	3	4	11	11	0	12	11	8	4	3	3	1	0	1	5	0	24	2	0
February	9.6	E.	43	E.	3	4	7	24	3	2	3	4	11	0	9	8	12	7	6	3	2	1	3	1	0	22	1	0
March	10.1	E.	40	W.	1	4	6	25	5	5	1	4	12	0	6	5	20	16	12	1	1	0	0	0	0	9	1	0
April	9.7	E.	44	W.	1	4	3	23	4	8	2	5	11	0	8	10	12	8	8	0	0	0	0	0	0	0	7	0
May	8.1	E.	54	S.	1	2	4	19	11	10	8	0	8	0	11	17	3	9	6	0	0	0	0	0	4	0	3	0
June	6.8	E.	39	N.	0	3	8	21	10	4	4	1	9	0	13	10	7	11	10	0	0	0	0	0	7	0	9	0
July	6.1	E.	48	W.	1	1	11	29	9	9	3	0	0	0	14	13	4	5	3	0	0	0	0	0	27	0	10	0
August	6.0	E.	44	SW.	1	0	7	35	7	6	3	2	2	0	16	12	3	8	7	0	0	0	0	0	22	0	6	0
September	6.3	E.	29	W.	0	5	9	25	8	2	3	4	4	0	23	3	4	5	4	0	0	0	0	0	15	0	4	0
October	7.4	E.	38	NW.	0	7	10	28	8	3	1	1	4	0	14	6	11	5	4	0	0	0	0	0	3	0	2	0
November	7.6	E.	39	SW.	0	2	5	19	7	4	6	6	9	2	18	9	3	3	3	0	0	0	2	0	0	5	1	0
December	7.7	E.	36	NW.	0	5	5	22	2	4	12	6	6	0	13	6	12	4	4	2	1	0	3	0	0	21	0	0
Year	7.8	E.	54	S.	8	43	80	290	76	60	50	44	87	2	157	110	99	85	70	9	5	1	9	6	78	81	46	0

FORT WAYNE, IND.

[H=856 ft.; h_t=113 ft.; h_r=107 ft.; h_a=124 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.6	SW.	35	SW.	0	2	7	5	2	6	24	10	6	0	6	6	19	11	6	21	11	0	0	26	0	31	0	0
February	10.6	SW.	42	NE.	1	2	6	6	2	7	19	11	5	0	8	8	13	10	7	17	10	0	1	18	0	27	1	0
March	9.4	NE.	35	NE.	0	8	17	7	5	5	8	4	8	0	11	4	16	14	13	12	11	0	0	10	0	29	0	0
April	12.7	SW.	42	S.	1	4	7	5	5	9	15	7	8	0	13	8	9	12	10	2	1	1	0	0	0	5	5	0
May	9.8	SW.	38	NW.	0	4	7	4	10	10	13	10	4	0	15	9	7	13	12	0	0	1	0	0	0	0	10	0
June	7.8	SW.	30	SW.	0	4	9	4	3	4	19	7	10	0	17	9	4	9	6	0	0	0	0	0	0	0	5	0
July	7.2	SW.	25	S.	0	7	8	4	5	11	15	4	7	1	10	17	4	10	9	0	0	0	0	0	0	0	9	0
August	8.1	SW.	40	NW.	1	8	7	3	5	9	20	5	5	0	11	15	5	13	13	0	0	0	0	0	1	0	11	0
September	6.8	SW.	26	SW.	0	8	4	5	11	6	13	5	7	1	12	11	7	9	7	0	0	0	2	0	6	0	3	0
October	8.8	SW.	36	SW.	0	0	5	5	7	14	14	3	14	0	14	9	8	7	6	0	0	0	0	0	0	0	3	0
November	11.9	SW.	33	W.	0	0	0	0	1	13	29	10	7	0	12	4	14	8	4	6	2	0	0	0	0	15	0	0
December	13.3	SW.	44	SW.	1	0	0	3	2	16	30	8	3	0	6	10	15	12	6	9	3	0	1	6	0	21	0	0
Year	9.8	SW.	44	SW.	4	47	77	51	58	110	219	84	84	2	135	110	121	128	99	67	38	2	4	60	7	128	47	0

FORT WORTH, TEX.

[H=670 ft.; h_t=106 ft.; h_r=51 ft.; h_a=114 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.8	NW.	42	NW.	1	1	3	4	7	14	9	2	22	0	11	11	9	1	1	2	0	0	1	3	0	21	1	0
February	11.5	NW.	60	NW.	6	5	3	9	5	5	12	2	17	0	15	7	7	6	4	1	0	0	0	1	0	14	0	0
March	12.7	NW.	37	NW.	0	7	3	7	13	14	0	3	15	0	5	8	18	14	10	1	0	1	2	0	1	7	6	0
April	12.1	S.	50	S.	2	3	6	7	13	16	6	2	7	0	9	11	10	8	7	0	0	2	0	0	0	0	7	0
May	12.7	S.	40	W.	1	5	3	4	10	22	5	4	6	3	12	17	2	7	5	0	0	1	0	0	9	0	5	0
June	9.4	S.	35	S.	0	5	9	14	7	14	3	2	4	2	13	14	3	5	5	0	0	0	0	0	11	0	5	0
July	10.0	S.	27	SE.	0	1	3	7	14	24	7	1	2	3	18	9	4	4	4	0	0	0	0	0	31	0	5	0
August	9.5	S.	34	NW.	0	0	3	14	19	18	5	1	1	1	14	12	5	8	7	0	0	0	0	0	24	0	13	0
September	9.1	S.	28	NW.	0	7	9	10	9	13	1	0	9	2	12	14	4	3	2	0	0	0	0	0	16	0	5	0
October	10.1	S.	35	NW.	0	6	8	4	18	14	2	1	8	1	9	11	11	3	3	0	0	0	1	0	4	0	1	0
November	10.3	S.	38	S.	0	4	4	2	11	12	9	5	12	1	17	9	4	3	3	0	0	1	0	0	0	3	2	0
December	10.6	S.	36	SW.	0	6	7	3	4	10	12	7	12	1	11	1	19	7	6	1	0	0	2	0	0	7	2	0
Year	10.7	S.	60	NW.	10	50	61	85	130	176	71	30	115	14	146	124	96	69	57	5	0	5	6	4	96	52	52	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

FRESNO, CAL.

[ϕ=36° 43′ N.; λ=119° 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	29.791	30.005	29.499	41.1	54.9	58.1	38.9	48.5	73	24	40	44	94	67	0.247	0.286	0.72	0.53	3.0	5.8	5.9
February	29.761	29.955	29.327	42.9	63.1	65.9	40.2	53.0	75	30	36	35	78	39	.221	.222	T.	T.	2.2	4.3	3.4
March	29.607	29.899	29.196	46.1	59.5	62.4	44.0	53.2	72	37	41	39	83	50	.258	.242	3.02	.77	6.0	6.4	6.1
April	29.665	29.856	29.355	46.5	65.2	68.1	45.4	56.8	77	37	41	37	82	39	.260	.230	1.86	.88	3.7	4.7	4.4
May	29.594	29.773	29.255	54.4	79.1	81.8	53.2	67.5	98	40	44	40	71	28	.295	.257	.41	.21	2.9	4.3	3.6
June	29.527	29.700	29.354	60.6	89.0	90.5	60.0	75.2	107	51	45	36	58	17	.299	.214	T.	T.	1.5	2.0	1.9
July	29.537	29.662	29.350	64.2	94.4	96.2	63.4	79.8	109	55	45	39	51	16	.300	.249	T.	T.	2.0	1.7	1.6
August	29.517	29.692	29.361	62.1	93.0	94.4	61.0	77.7	106	54	46	39	55	16	.306	.243	0	0	0.2	0.1	0.1
September	29.551	29.684	29.312	60.0	86.3	88.0	58.4	73.2	98	49	48	42	65	23	.332	.274	.10	.10	2.1	1.8	1.5
October	29.626	29.828	29.155	51.2	71.8	75.4	47.9	61.6	89	38	37	34	60	28	.223	.201	.01	.01	2.1	2.7	2.4
November	29.770	29.995	29.446	46.1	63.0	67.5	43.0	55.2	80	36	40	42	81	48	.249	.271	.85	.81	2.1	3.3.	2.8
December	29.879	30.126	29.617	37.0	52.7	56.7	34.3	45.5	66	27	30	33	77	50	.172	.193	.35	.35	2.8	2.4	2.8
Year	29.652	30.126	29.155	51.0	72.7	75.4	49.1	62.3	109	24	41	38	71	35	.264	.240	7.32	.86	2.6	3.3	3.0

GALVESTON, TEX.

[ϕ=29° 18′ N.; λ=94° 50′ W.]

January	30.088	30.493	29.685	46.5	50.4	56.2	42.2	49.2	71	20	42	45	84	83	0.293	0.321	2.44	1.20	5.5	5.1	5.6
February	29.999	30.403	29.472	49.4	54.3	58.3	45.8	52.0	70	27	42	43	76	68	.289	.295	1.91	.95	4.0	4.8	3.6
March	30.011	30.261	29.583	55.2	58.5	62.8	52.3	57.6	73	40	52	54	89	86	.407	.427	2.00	.84	6.1	6.7	7.0
April	29.935	30.269	29.655	66.1	68.6	72.0	64.8	68.4	83	53	62	63	89	85	.579	.595	4.29	1.76	6.1	7.6	6.7
May	29.906	30.209	29.610	73.4	76.1	79.3	71.5	75.4	88	61	68	68	82	73	.683	.703	4.50	3.66	5.0	5.0	4.3
June	29.923	30.106	29.658	75.1	78.9	82.6	73.0	77.8	88	67	69	70	82	76	.722	.746	4.03	1.69	5.7	5.1	3.8
July	29.972	30.125	29.847	80.6	83.2	87.5	79.0	83.2	93	75	74	73	80	73	.830	.823	.16	.12	3.8	4.5	2.7
August	29.945	30.060	29.800	81.9	83.5	87.8	79.7	83.8	90	70	74	75	78	76	.848	.874	1.59	.57	5.2	5.1	3.7
September	29.897	30.037	29.654	78.1	82.5	86.6	76.5	81.6	94	65	72	72	81	71	.782	.785	1.04	.43	4.6	4.6	3.4
October	29.954	30.107	29.753	70.0	74.0	78.4	68.3	73.4	87	55	64	64	81	72	.610	.614	2.04	1.51	5.0	3.9	3.1
November	30.142	30.446	29.885	58.7	63.8	67.4	57.2	62.3	78	43	51	53	77	70	.395	.427	.41	.30	4.0	3.2	3.5
December	30.075	30.475	29.749	53.3	55.5	61.3	49.5	55.4	75	38	48	50	84	84	.362	.382	8.61	1.86	7.4	5.5	6.2
Year	29.987	30.493	29.472	65.7	69.1	73.4	63.3	68.3	94	20	60	61	82	77	.567	.583	33.02	3.66	5.2	5.1	4.5

GRAND HAVEN, MICH.

[ϕ=43° 5′ N.; λ=86° 13′ W.]

January	29.352	29.863	28.773	10.4	13.6	17.3	6.6	12.0	28	−14	8	10	89	84	0.061	0.066	2.08	0.39	9.3	8.2	8.5
February	29.292	29.833	28.644	16.8	19.5	24.2	12.8	18.5	45	−13	14	15	88	81	.090	.092	2.13	.60	8.6	7.8	7.4
March	29.470	30.001	28.946	19.6	26.9	31.2	15.2	23.2	48	− 4	16	20	84	74	.097	.113	1.44	.50	5.5	4.0	4.8
April	29.269	29.666	28.844	40.3	45.4	52.0	35.6	43.8	68	23	34	35	79	69	.202	.211	2.90	1.34	5.2	3.8	4.4
May	29.223	29.556	28.818	52.0	57.8	63.6	45.8	54.7	77	36	46	49	83	75	.324	.360	5.00	1.60	5.5	5.7	5.3
June	29.352	29.736	28.808	58.4	64.2	69.4	51.7	60.6	83	44	50	51	74	63	.368	.378	1.07	.42	3.7	3.5	3.1
July	29.331	29.660	29.014	65.1	70.0	76.0	59.5	67.8	89	45	60	61	85	73	.540	.542	4.49	2.27	4.7	4.0	4.6
August	29.257	29.576	28.859	62.5	65.8	71.3	57.6	64.4	84	47	58	59	86	80	.497	.522	2.43	.90	6.1	4.5	5.0
September	29.336	29.688	28.925	59.2	63.5	70.1	55.2	62.6	85	35	55	56	85	76	.452	.466	2.49	.92	5.8	4.6	5.2
October	29.351	29.778	28.961	48.5	51.9	58.2	43.6	50.9	73	32	43	45	82	78	.288	.310	3.68	1.09	4.8	2.3	4.3
November	29.300	29.662	28.812	39.5	42.1	45.6	35.1	40.4	61	24	35	35	84	77	.207	.212	2.97	1.31	5.8	6.2	6.7
December	29.233	29.638	28.717	32.4	34.0	39.2	28.0	33.6	55	11	27	28	81	77	.153	.159	1.75	.82	7.4	5.8	7.3
Year	29.314	30.001	28.644	42.1	46.2	51.5	37.2	44.4	89	−18	37	39	83	76	.273	.286	32.43	2.27	6.0	5.0	5.6

GRAND JUNCTION, COLO.

[ϕ=39° 4′ N.; λ=108° 34′ W.]

January	25.475	25.812	24.794	15.3	29.2	36.2	11.7	24.0	51	− 8	12	20	86	67	0.078	0.109	0.44	0.24	4.0	5.1	5.0
February	25.387	25.765	24.865	25.7	40.6	46.1	23.6	34.8	54	16	18	18	70	40	.095	.098	.10	.07	4.0	5.9	5.0
March	25.238	25.541	24.883	35.5	46.2	51.6	32.4	42.0	65	25	29	31	75	59	.157	.178	2.36	.55	6.1	6.9	6.5
April	25.285	25.678	24.963	38.6	56.3	60.3	35.9	48.1	73	27	29	26	70	34	.161	.143	.36	.19	4.3	5.7	5.1
May	25.308	25.601	24.950	49.3	68.1	72.3	46.4	59.4	87	33	30	28	52	26	.168	.153	.38	.20	4.5	6.5	5.5
June	25.381	25.589	24.967	58.9	79.3	82.8	56.4	69.6	94	43	38	33	48	22	.241	.209	1.37	1.13	4.3	4.7	4.3
July	25.403	25.572	25.175	63.5	82.3	87.5	61.9	74.7	95	49	47	43	58	30	.337	.299	.78	.30	4.3	6.4	4.9
August	25.372	25.493	25.254	62.0	84.3	88.5	60.2	74.4	97	54	43	40	52	25	.288	.266	1.35	.91	2.3	4.0	3.3
September	25.393	25.627	25.055	48.5	68.9	74.0	46.2	60.1	86	33	32	34	54	28	.187	.200	.03	.02	2.5	3.2	2.9
October	25.408	25.760	25.044	40.9	55.5	62.8	38.3	50.6	79	31	33	36	75	50	.190	.212	1.24	.35	3.4	4.8	4.5
November	25.537	25.872	25.102	29.9	44.1	51.8	27.6	39.7	61	18	24	28	79	53	.131	.155	.46	.19	2.5	3.8	3.1
December	25.527	25.949	25.090	15.1	25.3	31.8	11.1	21.4	40	1	11	17	84	68	.072	.094	.17	.17	4.8	4.0	4.2
Year	25.393	25.949	24.794	40.3	56.7	62.1	37.6	49.9	97	− 8	29	30	67	42	.175	.176	9.64	1.13	4.0	5.1	4.5

Annual meteorological summary for the year ending December 31, 1912—Continued.

FRESNO, CAL.

[H=330 ft.; h_t=62 ft.; h_r=54 ft.; h_a=70 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	3.5	E.	20	W.	0	2	8	16	4	3	8	9	9	3	6	16	9	5	3	0	0	0	15	0	0	3	1	0
February	4.7	W.	36	NW.	0	3	5	11	2	1	2	17	16	1	17	10	2	0	0	0	0	0	7	0	0	1	0	0
March	4.6	W.	22	SE.	0	9	3	9	6	7	5	12	10	1	7	11	13	11	9	0	0	2	1	0	0	0	3	0
April	6.5	NW.	26	SW.	0	6	0	8	6	2	3	14	21	0	13	10	7	10	6	0	0	0	0	0	0	0	2	0
May	6.0	NW.	23	W.	0	5	0	5	2	2	7	19	20	2	12	17	2	5	2	0	0	0	0	0	8	0	3	0
June	7.1	NW.	24	NW.	0	2	0	1	1	3	4	22	25	2	23	4	3	0	0	0	0	0	0	0	14	0	0	0
July	6.2	NW.	17	W.	0	3	0	0	0	0	8	22	26	3	23	7	1	0	0	0	0	0	0	0	27	0	0	0
August	6.4	W.	16	NW.	0	0	0	0	0	0	7	31	24	0	31	0	0	0	0	0	0	0	0	0	25	0	0	0
September	5.4	NW.	24	W.	0	3	1	4	0	1	2	20	26	3	22	7	1	1	1	0	0	0	0	0	14	0	0	0
October	5.0	NW.	25	W.	0	4	5	4	8	2	8	10	19	2	21	9	1	1	0	0	0	0	0	0	0	0	0	0
November	3.6	NW.	30	W.	0	4	6	10	8	1	3	5	17	6	19	8	3	2	2	0	0	0	2	0	0	0	0	0
December	3.2	E.	15	W.	0	5	8	14	2	3	5	10	9	6	22	4	5	1	1	0	0	0	3	0	0	12	0	0
Year	5.2	NW.	36	NW.	0	46	36	82	39	25	62	191	222	29	216	103	47	36	24	0	0	2	28	0	88	16	9	0

GALVESTON, TEX.

[H=54 ft.; h_t=106 ft.; h_r=98 ft.; h_a=114 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	12.5	N.	44	NW.	1	8	13	4	15	7	2	3	10	0	9	10	12	8	7	1	0	0	4	0	0	5	1	0
February	13.5	NW.	51	NW.	4	9	2	10	10	10	1	5	11	0	15	10	4	5	4	0	0	1	2	0	0	2	2	0
March	13.6	SE.	34	SE.	0	7	5	11	20	6	1	2	10	0	5	7	19	10	7	0	0	0	6	0	0	0	4	0
April	12.3	SE.	48	NW.	1	5	7	8	22	11	2	1	4	0	5	9	16	7	5	0	0	0	11	0	0	0	1	0
May	11.7	SE.	40	E.	1	4	5	5	23	19	2	1	3	0	14	13	4	6	5	0	0	0	0	0	0	0	6	0
June	12.1	S.	33	N.	0	8	15	6	8	15	3	1	4	0	13	14	3	10	8	0	0	0	0	0	0	0	7	0
July	9.4	S.	28	NE.	0	1	0	0	4	33	12	11	1	0	19	12	0	3	1	0	0	0	0	0	5	0	6	0
August	10.3	S.	26	SE.	0	0	1	2	12	33	8	2	4	0	15	15	1	9	7	0	0	0	0	0	3	0	11	0
September	10.4	S.	32	NE.	0	7	11	1	8	19	4	2	7	1	18	9	3	7	5	0	0	0	0	0	6	0	6	0
October	11.7	S.	36	N.	0	8	17	4	12	14	3	1	3	0	20	7	4	3	3	0	0	0	2	0	0	0	0	0
November	11.0	N.	38	N.	0	12	12	8	14	7	1	2	4	0	15	11	4	4	3	0	0	0	1	0	0	0	0	0
December	11.9	N.	46	NW.	2	11	12	5	9	9	4	2	9	1	10	7	14	13	11	0	0	0	3	0	0	0	5	0
Year	11.7	S.	51	NW.	9	80	100	64	157	183	43	33	70	2	158	124	84	85	66	1	0	1	29	0	14	7	49	0

GRAND HAVEN, MICH.

[H=632 ft.; h_t=54 ft.; h_r=49 ft.; h_a=92 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	12.8	W.	48	W.	1	11	4	10	6	3	2	18	8	0	3	4	24	22	15	30	22	0	0	31	0	31	0	0
February	12.6	W.	46	N.	1	10	6	2	7	6	5	16	6	0	1	11	17	17	14	22	15	0	0	21	0	27	0	0
March	10.8	N.	34	S.	0	16	10	7	7	6	8	4	4	0	14	11	6	9	6	10	8	1	1	16	0	31	1	0
April	14.7	S.	44	SE.	2	9	5	8	5	10	9	7	7	0	15	7	8	13	9	5	3	0	1	0	0	9	4	0
May	11.9	S.	44	SW.	2	5	2	13	9	15	5	9	4	0	11	9	11	15	12	0	0	1	1	0	0	0	12	0
June	9.6	W.	31	S.	0	8	2	8	2	10	12	11	7	0	18	9	3	7	5	0	0	0	0	0	0	0	4	0
July	9.1	S.	32	S.	0	9	3	6	11	14	2	5	12	0	9	17	5	9	8	0	0	1	2	0	0	0	12	0
August	9.0	S.	32	SE.	0	8	3	6	7	13	6	8	11	0	10	14	7	11	9	0	0	0	1	0	0	0	6	0
September	9.6	S.	31	W.	0	9	5	2	12	10	5	10	7	0	9	12	9	13	8	0	0	0	0	0	0	0	6	0
October	12.8	S.	44	W.	2	6	2	5	8	10	11	10	10	0	17	4	10	8	7	1	1	0	0	0	0	0	3	0
November	15.3	W.	52	W.	4	10	1	1	3	13	10	12	10	0	7	8	15	14	8	10	6	0	0	0	0	12	1	0
December	17.3	W.	45	SW.	3	4	0	3	4	10	17	20	4	0	4	7	20	16	11	14	11	0	1	3	0	21	1	0
Year	12.1	W.	52	W.	15	105	43	71	81	120	92	130	90	0	118	113	135	154	112	92	66	3	7	71	0	131	50	0

GRAND JUNCTION, COLO.

[H=4,602 ft.; h_t=43 ft.; h_r=37 ft.; h_a=51 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	2.9	NW.	24	NW.	0	12	2	5	1	2	4	10	25	1	11	12	8	6	3	6	5	0	0	9	0	31	0	0
February	4.0	SE.	26	NW.	0	8	4	4	11	3	2	11	15	0	9	13	7	3	1	5	2	0	0	0	0	29	0	0
March	5.2	SE.	26	SW.	0	9	4	7	13	7	5	6	11	0	8	8	15	17	13	10	8	0	0	0	0	15	4	0
April	6.3	SE.	30	NW.	0	4	5	7	16	8	2	7	11	0	8	14	8	7	3	5	4	0	0	0	0	8	3	0
May	6.4	NW.	34	SW.	0	8	2	7	13	5	6	6	14	1	9	12	10	6	4	2	1	0	0	0	0	0	4	0
June	5.9	SE.	22	S.	0	4	2	8	28	2	3	4	9	0	12	11	7	9	3	0	0	1	0	0	4	0	11	0
July	5.8	SE.	28	SW.	0	5	6	11	17	4	5	4	10	0	10	14	7	9	6	0	0	0	0	0	15	0	13	0
August	5.1	SE.	23	NW.	0	9	2	3	26	3	1	5	12	1	19	9	3	8	7	0	0	0	0	0	16	0	5	0
September	5.0	SE.	26	S.	0	9	3	4	17	6	3	1	16	1	21	6	3	2	0	0	0	0	0	0	0	0	1	0
October	4.3	SE.	28	SW.	0	9	7	5	12	5	0	5	18	1	15	4	12	9	6	0	0	0	0	0	0	0	3	0
November	3.5	SE.	18	SW.	0	6	3	3	13	6	2	7	18	2	20	6	4	4	3	1	1	0	0	0	0	25	0	0
December	3.3	NW.	13	SE.	0	11	4	4	13	1	4	3	22	0	15	8	8	1	1	6	1	0	2	17	0	31	0	0
Year	4.8	NW.	34	SW.	0	94	44	68	180	52	37	69	181	7	157	117	92	81	50	35	22	1	2	26	35	142	44	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

GRAND RAPIDS, MICH.

[ϕ=42° 58′ N.; λ=85° 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	29.268	29.786	28.681	10.1	12.9	17.2	6.5	11.8	29	−9	9	11	95	91	0.065	0.071	1.49	0.41	9.0	6.7	8.4
February	29.203	29.750	28.563	16.4	19.4	24.5	11.9	18.2	48	−16	14	16	91	88	.092	.097	1.77	.72	8.5	5.8	7.3
March	29.384	29.909	28.820	20.3	27.7	33.5	16.4	25.0	49	0	18	22	88	78	.103	.119	1.52	.53	6.7	4.4	5.6
April	29.192	29.606	28.733	42.0	49.8	56.9	36.7	46.8	74	23	35	38	77	66	.210	.238	2.46	.97	6.2	4.9	5.7
May	29.146	29.498	28.740	54.2	62.2	68.8	48.7	58.8	87	38	47	50	78	68	.332	.382	4.91	1.45	6.3	5.8	5.9
June	29.276	29.659	28.734	60.9	69.1	75.8	53.9	64.8	91	44	51	50	71	53	.388	.374	1.02	.57	4.8	4.6	4.1
July	29.254	29.571	28.942	66.8	74.2	80.3	61.3	70.8	91	47	60	62	80	66	.543	.563	7.47	2.92	6.8	5.9	6.3
August	29.183	29.496	28.802	62.4	68.8	75.5	58.3	66.9	90	46	58	60	87	75	.501	.535	3.16	1.31	6.0	5.2	6.3
September	29.262	29.621	28.830	59.6	65.2	72.7	55.4	64.0	92	36	55	57	84	74	.450	.488	3.42	1.23	5.4	4.5	5.9
October	29.283	29.691	28.923	46.5	53.2	61.5	42.8	52.2	81	32	43	45	88	74	.288	.309	3.97	1.49	5.2	2.6	4.7
November	29.222	29.586	28.734	37.6	40.5	46.8	34.2	40.5	67	25	34	35	85	80	.199	.212	2.69	1.14	7.1	5.6	6.3
December	29.162	29.582	28.651	30.8	32.4	38.8	26.8	32.8	56	10	26	27	83	80	.148	.154	1.32	.66	6.8	5.6	7.6
Year	29.236	29.909	28.563	42.3	48.0	54.4	37.7	46.0	92	−16	38	39	84	74	.277	.295	35.20	2.92	6.6	5.1	6.2

GREEN BAY, WIS.

[ϕ=44° 31′ N.; λ=88° 0′ W.]

Month.	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.
January	29.393	29.959	28.820	−4.8	1.1	6.8	−9.0	−1.1	24	−27	−8	−3	84	79	0.030	0.038	0.59	0.22	6.5	3.8	5.6
February	29.314	29.797	28.898	8.0	16.2	20.7	5.3	13.0	38	−19	4	11	83	77	.062	.078	.61	.31	7.1	6.9	6.8
March	29.482	30.044	28.959	15.6	25.9	30.7	13.3	22.0	51	−6	10	19	78	72	.075	.105	.88	.33	5.7	5.3	5.5
April	29.263	29.646	28.733	38.1	45.6	52.9	34.1	43.5	67	23	31	34	76	65	.180	.203	2.06	.76	7.3	6.1	6.5
May	29.227	29.558	28.730	50.3	58.3	64.3	45.7	55.0	81	34	45	47	83	70	.314	.347	7.24	1.68	6.9	7.3	7.1
June	29.348	29.723	28.701	58.3	67.9	73.6	52.9	63.2	94	42	50	53	75	59	.369	.409	1.03	.59	5.4	6.7	5.5
July	29.326	29.653	29.053	64.6	72.9	78.5	60.2	69.4	94	48	59	62	82	69	.510	.567	7.46	4.39	6.6	6.7	6.9
August	29.259	29.610	28.860	59.2	65.7	70.9	56.7	63.8	86	47	56	58	89	76	.454	.484	3.92	1.04	7.0	7.9	8.1
September	29.323	29.718	28.977	56.7	62.5	68.9	53.6	61.2	90	35	53	55	88	77	.433	.470	4.70	1.26	7.4	5.8	5.8
October	29.336	29.776	28.795	44.2	51.6	58.8	41.7	50.2	78	29	40	41	84	68	.252	.264	2.19	.98	5.1	3.4	5.1
November	29.307	29.687	28.855	32.1	37.8	43.6	30.7	37.2	62	19	27	30	81	74	.150	.174	1.15	.72	6.6	5.2	7.3
December	29.203	29.674	28.763	23.5	27.8	34.8	20.0	27.4	52	−3	19	22	81	77	.108	.127	1.49	.73	7.3	6.8	6.7
Year	29.315	30.044	28.701	37.2	44.4	50.4	33.8	42.1	94	−27	32	36	82	72	.245	.272	33.32	4.39	6.6	6.0	6.4

HANNIBAL, MO.

[ϕ=39° 41′ N.; λ=91° 20′ W.]

Month.	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.
January	29.572	30.089	29.117	11.5	.....	22.8	7.5	15.2	48	−20	6	....	79	....	0.067	.....	0.32	0.12	5.0	.....	5.2
February	29.469	29.840	28.873	20.4	.....	32.2	17.0	24.6	56	−10	16	....	82	....	.098	.....	1.63	1.03	6.4	.....	6.6
March	29.560	30.036	29.132	26.2	.....	39.8	23.8	31.8	70	9	22	....	85	....	.127	.....	3.54	.71	5.8	.....	5.9
April	29.378	29.821	28.992	47.8	.....	63.8	44.6	54.2	78	31	42	....	80	....	.273	.....	5.32	1.55	5.2	.....	5.2
May	29.314	29.676	28.873	61.3	.....	77.6	56.9	67.2	91	42	53	....	76	....	.418	.....	4.55	1.41	4.2	.....	4.1
June	29.453	29.771	28.957	63.9	.....	79.4	59.7	69.6	91	51	57	....	76	....	.472	.....	3.54	1.24	4.3	.....	4.4
July	29.429	29.693	29.290	71.5	.....	87.4	67.9	77.6	96	59	65	....	81	....	.633	.....	1.36	.84	4.2	.....	3.8
August	29.370	29.701	29.180	68.0	.....	84.0	64.7	74.4	95	50	63	....	85	....	.594	.....	5.71	.98	4.4	.....	4.3
September	29.445	29.862	29.282	59.8	.....	77.2	56.7	67.0	97	33	56	....	87	....	.479	.....	2.08	1.36	4.3	.....	4.4
October	29.494	29.827	29.134	48.3	.....	69.1	44.0	56.6	88	30	43	....	82	....	.289	.....	3.92	1.59	3.4	.....	3.0
November	29.526	29.984	29.229	37.3	.....	54.9	34.0	44.4	75	21	30	....	76	....	.178	.....	2.16	2.05	2.7	.....	3.4
December	29.471	30.055	28.990	30.3	.....	45.1	25.9	35.5	63	8	22	....	71	....	.123	.....	.46	.24	3.7	.....	3.6
Year	29.458	30.089	28.873	45.5	.....	61.1	41.9	51.5	97	−20	40	....	80	....	.313	.....	34.59	2.05	4.5	.....	4.5

HARRISBURG, PA.

[ϕ=40° 16′ N.; λ=76° 52′ W.]

Month.	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.
January	29.665	30.183	29.165	17.9	22.5	28.0	14.3	21.2	48	−14	12	13	77	66	0.080	0.084	1.88	0.58	6.9	5.5	6.5
February	29.589	30.076	28.630	21.3	29.2	33.7	19.6	26.6	56	0	14	16	71	57	.088	.099	2.10	1.00	5.7	5.2	5.1
March	29.736	30.274	29.027	31.9	39.6	44.2	29.2	36.7	67	15	24	27	73	62	.141	.157	4.91	1.40	6.1	5.5	5.8
April	29.621	30.158	28.961	46.7	53.2	60.9	42.6	51.8	77	31	38	42	73	68	.245	.286	3.95	1.16	7.0	6.0	6.8
May	29.573	29.857	29.194	59.2	65.8	72.9	54.3	63.6	87	40	49	51	71	61	.361	.392	2.81	1.11	5.0	4.2	5.0
June	29.648	30.047	29.439	64.3	70.6	78.1	59.6	68.8	91	48	53	56	67	62	.417	.466	2.78	.67	5.6	6.4	5.9
July	29.637	29.974	29.230	69.9	75.3	82.9	65.5	74.2	92	53	60	62	72	65	.544	.564	2.08	.86	4.3	6.2	5.5
August	29.586	29.857	29.208	66.0	71.3	78.3	62.3	70.3	89	53	59	60	77	69	.507	.534	3.03	.85	6.0	5.6	6.1
September	29.676	30.037	29.391	63.6	68.9	75.8	60.5	68.2	91	44	57	60	80	74	.485	.536	4.27	1.84	5.9	4.6	5.4
October	29.695	29.961	29.333	50.9	58.9	67.0	48.4	57.7	82	39	44	46	78	64	.305	.329	.90	.37	4.6	2.9	4.5
November	29.666	30.102	29.230	41.2	46.7	53.1	38.6	45.8	71	27	31	32	68	58	.184	.193	1.55	.65	5.5	4.6	5.8
December	29.677	30.177	29.181	31.8	38.0	43.4	29.9	36.6	68	13	25	26	75	62	.139	.146	3.83	.90	4.1	5.5	5.6
Year	29.647	30.274	28.630	47.1	53.3	59.9	43.7	51.8	92	−14	39	41	74	64	.291	.316	34.09	1.84	5.6	5.2	5.7

Annual meteorological summary for the year ending December 31, 1912—Continued.

GRAND RAPIDS, MICH.

[H=707 ft.; h_t=70 ft.; h_r=70 ft.; h_a=87 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	7.0	W.	27	W.	0	5	5	4	8	6	1	21	12	0	4	3	24	20	10	25	19	0	0	31	0	31	0	0
February	6.8	W.	28	NE.	0	6	4	3	6	6	8	14	11	0	3	13	13	15	8	17	14	0	0	20	0	27	0	0
March	6.5	E.	21	NE.	0	5	10	14	3	6	8	10	6	0	9	9	13	9	6	10	8	0	0	14	0	31	1	0
April	8.8	W.	29	NW.	0	2	7	9	5	5	11	10	11	0	11	5	14	10	8	3	2	1	0	0	0	11	5	0
May	7.0	SE.	28	W.	0	1	5	8	13	6	10	7	12	0	11	7	13	12	11	0	0	0	1	0	0	0	9	0
June	6.0	W.	28	W.	0	10	4	1	3	3	8	15	16	0	15	10	5	4	3	0	0	0	0	0	1	0	2	0
July	4.9	NW.	31	W.	0	6	11	3	10	6	3	11	11	1	5	14	12	13	10	0	0	0	2	0	2	0	12	0
August	5.2	W.	22	W.	0	5	3	5	13	5	8	13	9	1	7	12	12	10	10	0	0	0	0	0	0	0	8	0
September	4.7	W.	21	W.	0	1	8	4	11	8	8	11	3	6	8	8	14	10	8	0	0	0	1	0	4	0	4	0
October	6.0	S.	25	W.	0	0	5	4	9	15	6	12	8	3	12	9	10	9	7	1	1	0	1	0	0	1	4	0
November	6.9	S.	28	W.	0	2	2	2	4	19	8	11	12	0	7	9	14	10	8	10	6	0	0	0	0	14	1	0
December	8.7	S.	28	W.	0	0	0	2	6	20	10	17	7	0	3	7	21	11	8	12	7	0	0	6	0	23	0	0
Year	6.5	W.	31	W.	0	43	64	59	91	105	89	152	118	11	95	106	165	133	97	78	57	1	5	71	7	138	46	0

GREEN BAY, WIS.

[H=617 ft.; h_t=109 ft.; h_r=101 ft.; h_a=144 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.6	SW.	38	W.	0	7	6	0	2	10	20	10	7	0	13	6	12	9	5	14	9	0	1	31	0	31	0	0
February	10.7	S.	43	N.	2	8	5	2	2	17	11	6	7	0	9	5	15	11	4	15	10	0	1	24	0	29	0	0
March	11.7	S.	38	N.	0	7	14	2	5	21	8	3	2	0	10	11	10	7	5	9	6	0	0	17	0	31	0	0
April	14.5	NE.	55	SW.	4	6	15	5	10	15	1	4	4	0	6	12	12	10	6	3	0	0	2	0	0	10	3	0
May	13.5	S.	48	N.	3	8	13	2	12	10	7	6	4	0	3	12	16	15	13	0	0	0	1	0	0	0	10	0
June	10.1	SW.	38	S.	0	3	8	6	9	9	14	5	6	0	9	13	8	8	4	0	0	0	0	0	2	0	2	0
July	9.4	S.	46	W.	3	6	7	4	14	14	9	3	5	0	2	18	11	17	13	0	0	0	0	0	3	0	15	0
August	8.8	N.	29	N.	0	7	7	8	11	8	7	5	9	0	0	11	20	14	10	0	0	0	4	0	0	0	6	0
September	9.7	S.	38	SW.	0	3	5	5	12	14	10	7	4	0	7	14	9	13	12	0	0	0	0	0	1	0	6	0
October	12.0	S.	46	W.	2	6	4	3	7	16	11	9	6	0	15	6	10	9	8	0	0	0	1	0	0	4	3	0
November	13.8	S.	54	N.	2	8	2	2	2	16	14	9	7	0	4	10	16	5	4	6	3	0	1	3	0	19	0	0
December	13.3	SW.	40	SW.	1	3	1	2	3	17	16	13	7	0	7	10	14	10	8	8	6	0	0	10	0	28	0	0
Year	11.5	S.	55	SW.	17	72	87	41	89	167	128	80	68	0	85	128	153	128	92	55	34	0	11	85	6	152	45	0

HANNIBAL, MO.

[H=534 ft.; h_t=74 ft.; h_r=68 ft.; h_a=109 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.2	NW.	35	NW.	0	5	4	2	1	3	8	3	5	0	13	8	10	7	3	11	5	0	0	22	0	30	0	0
February	9.5	NW.	46	NE.	1	3	3	0	1	1	9	3	9	0	5	12	12	5	5	13	3	0	1	17	0	28	0	0
March	8.8	NE.	40	NE.	1	6	7	4	2	1	6	2	3	0	11	8	12	14	11	13	11	1	1	9	0	23	2	0
April	11.4	SW.	47	S.	1	3	2	3	2	1	13	2	4	0	11	10	9	10	10	1	1	1	0	0	0	1	6	0
May	9.7	SW.	34	N.	0	4	1	0	5	4	13	0	3	1	15	10	6	13	9	0	0	2	0	0	1	0	11	0
June	7.3	SW.	38	SW.	0	6	3	5	1	4	5	5	1	0	15	7	8	13	12	0	0	0	0	0	1	0	12	0
July	8.0	SW.	26	SW.	0	5	5	3	1	0	14	3	0	0	15	12	4	6	5	0	0	0	0	0	11	0	6	0
August	8.0	SW.	40	W.	1	1	4	2	1	2	15	5	1	0	15	8	8	15	11	0	0	0	0	0	9	0	10	0
September	6.4	SW.	26	SW.	0	1	4	1	2	0	10	7	4	1	14	8	8	7	4	0	0	0	0	0	9	0	4	0
October	8.0	SW.	34	SW.	0	2	2	2	3	1	16	4	1	0	20	6	5	9	9	1	0	0	0	0	0	2	4	0
November	11.1	SW.	36	SW.	0	2	0	1	0	2	11	8	6	0	17	9	4	4	3	2	0	0	1	0	0	16	0	0
December	11.7	SW.	38	SW.	0	1	1	0	0	4	17	2	6	0	20	4	7	4	3	3	0	0	0	2	0	26	0	0
Year	9.1	SW.	47	S.	4	39	36	23	19	23	137	44	43	2	171	102	93	107	83	44	20	4	3	50	31	126	55	0

HARRISBURG, PA.

[H=374 ft.; h_t=94 ft.; h_r=88 ft.; h_a=104 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.8	NW.	33	W.	0	1	9	6	4	4	7	7	24	0	6	10	15	9	8	13	7	0	0	20	0	30	0	0
February	7.9	NW.	44	W.	1	3	7	5	1	1	11	12	18	0	9	12	8	6	5	9	4	0	0	12	0	25	1	0
March	7.4	NW.	29	N.	0	5	8	10	10	2	5	6	16	0	8	10	13	18	15	14	8	0	1	6	0	19	1	0
April	8.9	NW.	36	W.	0	4	5	13	5	7	6	7	13	0	6	8	16	14	12	1	0	1	0	0	0	3	7	0
May	7.1	W.	32	W.	0	3	4	8	9	9	9	11	9	0	11	11	9	11	8	0	0	0	1	0	0	0	3	0
June	5.5	W.	22	SW.	0	4	5	5	5	4	14	14	9	0	7	11	12	11	9	0	0	0	0	0	1	0	6	0
July	5.0	W.	27	NW.	0	4	5	5	9	4	15	10	10	0	9	15	7	12	10	0	0	0	0	0	6	0	12	0
August	5.3	W.	31	SW.	0	7	5	3	8	5	9	15	10	0	4	14	13	14	10	0	0	0	0	0	0	0	8	0
September	5.7	E.	26	E.	0	5	6	14	8	8	6	7	6	0	10	9	11	13	11	0	0	1	0	0	2	0	4	0
October	5.4	NW.	24	NW.	0	6	3	9	6	2	10	8	18	0	14	10	7	7	6	0	0	0	0	0	0	0	2	0
November	6.7	NW.	26	W.	0	1	1	3	4	6	12	14	18	1	6	15	9	4	4	7	1	0	0	0	0	5	0	0
December	6.5	W.	30	NW.	0	2	4	12	2	5	12	15	10	0	10	11	10	9	9	4	2	0	7	1	0	20	0	0
Year	6.6	NW.	44	W.	1	45	62	93	71	57	116	126	161	1	100	136	130	128	107	48	22	2	9	39	9	102	44	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

HARTFORD, CONN.

[ϕ=41° 46′ N.; λ=72° 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	29.831	30.366	28.899	16.1	20.3	26.6	11.6	19.1	50	−12	10	11	76	64	0.080	0.075	2.11	0.57	6.6	4.2	6.4
February	29.749	30.248	28.857	20.2	26.6	33.4	17.3	25.4	55	− 6	12	15	70	60	.083	.092	3.43	2.03	6.1	3.3	5.1
March	29.936	30.484	29.236	29.5	35.6	42.7	25.9	34.3	63	8	22	25	72	65	.129	.147	7.29	2.10	5.3	5.5	5.4
April	29.822	30.440	29.161	43.0	47.8	56.1	38.4	47.2	78	26	35	37	74	69	.214	.240	3.93	1.07	6.5	6.3	7.1
May	29.792	30.136	29.404	56.7	60.2	69.3	50.2	59.8	87	38	48	49	75	69	.345	.358	4.59	1.35	6.3	6.6	6.3
June	29.828	30.165	29.528	64.0	68.8	77.7	56.2	67.0	90	44	51	53	63	59	.388	.419	.66	.30	4.6	4.8	5.0
July	29.816	30.184	29.372	69.5	73.7	83.2	63.0	73.1	98	48	58	60	70	64	.512	.539	2.90	1.00	5.8	5.9	5.6
August	29.778	30.129	29.409	64.7	69.0	77.4	59.1	68.2	89	45	57	58	77	68	.484	.493	3.02	1.38	4.9	5.1	6.2
September	29.897	30.206	29.643	59.5	64.1	72.0	54.7	63.4	87	37	54	56	82	76	.436	.463	2.14	1.00	6.3	5.1	7.1
October	29.876	30.257	29.425	50.6	56.2	65.7	45.9	55.8	81	35	42	44	75	66	.290	.314	1.26	.96	4.9	3.8	5.4
November	29.822	30.317	29.250	39.8	44.7	51.7	36.5	44.1	70	22	32	34	74	66	.191	.212	3.53	1.61	5.6	3.7	6.2
December	29.834	30.452	28.994	32.0	38.0	43.4	29.6	36.5	67	13	24	28	73	66	.138	.162	4.46	1.14	5.5	5.1	6.3
Year	29.832	30.484	28.857	45.5	50.4	58.3	40.7	49.5	98	−12	37	39	73	66	.274	.293	39.32	2.10	5.7	5.0	6.0

HATTERAS, N. C.

[ϕ=35° 15′ N.; λ=75° 40′ W.]

January	30.050	30.435	29.613	39.0	41.2	48.8	34.7	41.8	66	17	36	37	87	84	0.219	0.230	4.54	1.97	6.5	5.1	5.6
February	29.972	30.446	29.304	40.3	41.7	49.7	35.8	42.8	66	22	35	37	80	82	.216	.234	4.38	2.21	4.6	2.7	4.3
March	30.098	30.551	29.601	50.5	51.4	59.8	45.8	52.4	70	32	46	47	84	86	.327	.344	3.74	1.06	5.5	4.6	5.5
April	30.078	30.551	29.600	62.6	62.0	69.1	57.3	63.2	77	44	55	55	77	80	.446	.454	2.55	1.01	3.9	4.0	3.8
May	30.001	30.303	29.636	69.4	67.3	74.5	63.3	68.9	83	51	62	62	78	83	.565	.554	4.04	1.97	4.1	3.9	4.1
June	30.031	30.341	29.665	74.7	72.4	79.8	68.6	74.2	90	55	69	68	83	88	.719	.711	7.83	3.25	4.6	4.8	4.8
July	30.060	30.319	29.632	79.0	76.7	83.8	72.9	78.4	91	69	72	71	79	83	.784	.769	1.55	.79	3.1	3.9	3.6
August	29.997	30.193	29.734	77.7	75.9	83.1	72.7	77.9	89	67	71	71	81	86	.775	.777	2.80	1.04	4.3	4.0	4.5
September	30.022	30.231	29.890	76.2	75.2	81.9	72.8	77.4	91	61	70	69	82	82	.748	.726	2.74	1.84	5.8	3.4	5.2
October	30.056	30.345	29.720	65.6	65.3	71.4	61.3	66.4	81	51	60	60	84	84	.536	.535	8.64	3.03	4.5	3.9	4.6
November	30.108	30.519	29.631	53.9	54.6	61.9	49.1	55.5	75	36	45	47	74	77	.320	.352	3.04	1.63	3.3	2.2	3.1
December	30.116	30.495	29.543	50.8	51.6	60.3	45.4	52.8	75	32	45	46	80	82	.332	.341	3.13	.93	5.6	3.6	5.4
Year	30.049	30.551	29.304	61.6	61.3	68.6	56.6	62.6	91	17	56	56	81	83	.499	.502	48.98	3.25	4.6	3.8	4.5

HAVRE, MONT.

[ϕ=48° 34′ N.; λ=109° 40′ W.]

January	27.354	27.857	26.794	6.5	12.2	20.1	0.1	10.1	44	−34	4	9	90	88	0.062	0.082	0.88	0.27	6.1	5.6	6.4
February	27.389	27.867	26.805	20.1	26.7	30.8	14.9	22.8	45	− 9	17	23	89	86	.103	.128	.20	.12	5.1	6.2	5.1
March	27.405	27.857	26.849	9 5	25.3	28.9	5.3	17.1	60	−17	7	19	88	77	.075	.117	.30	.18	4.8	4.2	3.4
April	27.219	27.528	26.776	35.0	54.4	58.7	33.4	46.0	73	26	32	39	86	60	.178	.244	1.36	.89	3.8	5.7	4.6
May	27.289	27.838	26.914	44.5	60.9	64.2	42.1	53.2	83	30	40	43	84	56	.250	.281	2.57	1.45	5.2	5.9	5.1
June	27.338	27.767	26.958	52.4	72.2	75.8	49.0	62.4	96	35	48	54	84	55	.340	.424	1.52	.83	2.9	4.0	3.2
July	27.362	27.720	27.139	52.7	73.8	76.5	50.6	63.6	90	40	49	54	87	53	.349	.428	.97	.33	3.5	4.7	4.3
August	27.286	27.555	26.891	52.5	71.9	74.5	50.8	62.6	90	40	49	55	90	58	.359	.437	2.24	.99	4.2	5.4	5.0
September	27.416	27.772	27.021	38.4	57.2	60.8	36.5	48.6	76	22	36	43	92	64	.221	.291	1.20	.72	4.7	4.9	5.2
October	27.332	27.668	26.837	35.2	48.2	54.9	31.4	43.2	77	19	31	36	84	65	.173	.216	.76	.49	3.9	5.1	5.5
November	27.307	27.845	26.947	32.9	40.9	50.3	25.8	38.0	63	9	27	29	80	65	.148	.161	.15	.09	3.9	5.4	5.8
December	27.247	27.678	26.550	25.1	32.3	40.1	17.3	28.7	54	1	21	24	86	73	.120	.129	.11	.04	5.2	5.2	7.4
Year	27.328	27.867	26.550	33.7	48.0	53.0	29.8	41.4	96	−34	30	36	87	67	.198	.245	12.26	1.45	4.4	5.2	5.1

HELENA, MONT.

[ϕ=46° 34′ N.; λ=112° 4′ W.]

January	25.762	26.216	25.387	19.5	23.7	30.4	14.3	22.4	54	−18	14	15	80	70	0.099	0.109	0.59	0.22	5.6	6.7	6.2
February	25.809	26.207	25.391	26.1	32.5	37.5	22.8	30.2	47	− 1	19	23	72	68	.104	.126	.20	.13	5.0	6.7	6.3
March	25.764	26.017	25.352	16.0	27.9	31.8	11.5	21.6	59	− 7	10	16	75	60	.074	.094	.69	.18	5.4	5.5	5.1
April	25.673	25.968	25.340	36.2	50.6	54.5	34.4	44.4	70	26	28	29	72	46	.154	.161	1.21	.41	6.5	8.0	7.6
May	25.771	26.215	25.397	42.7	57.8	61.9	40.7	51.3	78	31	35	38	75	52	.206	.230	4.03	1.39	6.4	7.0	7.2
June	25.811	26.112	25.447	52.3	70.8	75.3	49.4	62.4	94	42	41	44	67	43	.263	.301	1.32	.76	5.2	5.8	5.7
July	25.843	26.121	25.643	52.9	70.5	74.8	51.6	63.2	90	40	44	47	73	46	.291	.325	.95	.38	5.0	6.6	6.3
August	25 790	26.016	25.476	52.5	70.5	74.5	50.8	62.6	90	38	43	44	70	42	.282	.293	1.60	.79	4.8	4.5	5.3
September	25.878	26.163	25.543	40.7	55.0	59.4	38.7	49.0	74	27	33	35	75	50	.190	.206	1.73	.93	5.6	5.5	6.3
October	25.813	26.137	25.341	36.0	45.3	51.5	32.7	42.1	76	19	27	30	70	58	.146	.166	1.51	.89	4.6	5.7	5.9
November	25.821	26.257	25.451	35.7	40.8	48.1	31.2	39.6	60	17	23	25	61	54	.123	.136	.49	.32	4.5	6.3	6.3
December	25.770	26.133	25.207	27.3	32.8	38.1	22.8	30.4	48	10	18	20	68	58	.097	.107	.37	.14	6.2	5.9	6.8
Year	25.792	26.257	25.207	36.5	48.2	53.2	33.4	43.3	94	−18	28	30	72	54	.169	.188	14.69	1.39	5.4	6.2	6.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

HARTFORD, CONN.

[H=159 ft.; h_t=122 ft.; h_r=116 ft.; h_a=140 ft.]

Month.	Wind. By self-register. Average hourly velocity	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	8.3	NW.	37	W.	0	17	5	0	1	9	13	2	15	0	6	10	15	10	8	16	8	0	1	20	0	30	0	0
February	8.2	NW.	54	S.	1	11	4	0	1	6	4	7	25	0	8	15	6	6	5	9	1	0	0	13	0	27	3	0
March	8.3	NW.	40	S.	1	13	6	0	1	10	6	3	23	0	9	11	11	12	9	11	6	0	1	8	0	20	0	0
April	9.2	NW.	36	NW.	0	16	3	1	0	11	12	0	17	0	3	10	17	17	13	2	1	0	1	0	0	5	3	0
May	8.4	S.	37	SW.	0	7	9	0	8	15	14	1	8	0	7	12	12	15	11	0	0	2	0	0	0	0	5	0
June	7.3	NW.	30	S.	0	6	3	1	4	11	14	5	16	0	8	15	7	6	4	0	0	0	1	0	1	0	2	0
July	7.5	S.	36	NW.	0	10	3	1	2	18	16	2	10	0	9	14	8	9	5	0	0	0	0	0	5	0	8	0
August	6.2	S.	31	SW.	0	7	3	0	2	21	9	0	20	0	4	17	10	11	8	0	0	0	1	0	0	0	7	0
September	5.5	S.	26	S.	0	12	9	2	0	14	9	3	11	0	6	8	16	15	7	0	0	0	1	0	0	0	2	0
October	6.8	NW.	26	NW.	0	9	1	2	5	12	13	3	17	0	12	9	10	8	5	0	0	0	2	0	0	0	0	0
November	8.5	NW.	35	E.	0	6	2	1	0	21	11	3	26	0	7	12	11	8	7	3	1	0	0	0	0	8	1	0
December	8.5	SW.	41	NW.	1	7	2	1	1	14	22	3	12	0	9	7	15	7	7	7	2	0	0	3	0	19	0	0
Year	7.7	NW.	54	S.	3	121	50	9	25	162	143	32	190	0	88	140	138	124	89	48	19	2	8	44	6	109	31	0

HATTERAS, N. C.

[H=11 ft.; h_t=12 ft.; h_r=34 ft.; h_a=47 ft.]

Month.	Average hourly velocity	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	17.9	N.	54	NW.	5	20	9	0	0	4	10	10	9	0	8	13	10	15	13	1	1	0	1	2	0	10	0	0
February	15.6	NW.	56	N.	6	15	5	5	2	6	5	7	13	0	15	7	7	8	7	3	2	0	1	1	0	10	1	0
March	16.7	NE.	60	W.	6	15	17	3	4	8	9	5	1	0	11	7	13	15	11	0	0	0	1	0	0	1	0	0
April	15.4	SW.	60	S.	4	3	9	3	5	11	21	2	6	0	13	11	6	10	8	0	0	0	2	0	0	0	3	0
May	13.1	SW.	54	NW.	3	5	10	7	7	8	18	6	1	0	13	14	4	12	11	0	0	1	0	0	0	0	7	0
June	12.2	SW.	46	SE.	2	3	17	5	6	6	16	7	0	0	14	8	8	13	12	0	0	0	0	0	1	0	6	0
July	10.5	SW.	39	W.	0	3	11	8	4	11	22	1	2	0	17	12	2	9	8	0	0	0	1	0	1	0	3	0
August	12.8	SW.	42	SW.	2	2	11	6	4	3	32	2	2	0	9	18	4	10	8	0	0	0	0	0	0	0	3	0
September	13.5	NE.	38	N.	0	7	18	6	8	6	11	4	0	0	7	16	7	9	5	0	0	0	1	0	1	0	1	0
October	13.2	NE.	46	N.	2	11	25	2	2	7	6	3	6	0	15	6	10	12	11	0	0	0	0	0	0	0	0	0
November	15.2	N.	66	NW.	5	20	3	0	3	3	14	7	10	0	20	3	7	6	5	1	0	0	0	0	0	0	1	0
December	13.6	NW.	52	NW.	5	12	6	1	1	10	7	14	11	0	9	14	8	13	12	0	0	0	1	0	0	1	0	0
Year	14.1	SW.	66	NW.	40	116	141	46	46	83	171	68	61	0	151	129	86	132	111	5	3	1	8	3	3	22	25	0

HAVRE, MONT.

[H=2,505 ft.; h_t=11 ft.; h_r=4 ft.; h_a=44 ft.]

Month.	Average hourly velocity	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.6	SW.	38	SW.	0	1	10	8	0	0	15	13	12	3	9	9	13	8	7	13	8	0	2	20	0	30	0	0
February	7.9	NW.	30	SW.	0	3	6	9	0	0	18	5	16	1	10	12	7	4	2	9	4	0	1	12	0	28	0	0
March	7.2	NW.	30	SW.	0	2	5	13	0	0	14	8	18	2	19	11	1	6	2	7	6	0	0	18	0	30	0	0
April	7.0	E.	36	W.	0	3	4	14	5	2	13	7	9	3	14	11	5	5	4	1	1	0	1	0	0	16	0	0
May	8.9	NW.	37	NW.	0	7	7	9	2	1	12	8	15	1	17	5	9	9	7	0	0	0	0	0	0	2	1	1
June	6.9	E.	34	SW.	0	4	6	20	5	2	8	6	8	1	22	5	3	10	7	0	0	0	0	0	5	0	5	0
July	6.4	NW.	44	N.	1	2	3	10	7	2	6	14	16	2	14	13	4	11	8	0	0	0	1	0	1	0	5	0
August	7.6	SW.	30	SW.	0	3	7	13	1	0	13	13	12	0	11	14	6	12	8	0	0	0	0	0	1	0	2	0
September	6.7	E.	34	SW.	0	8	6	14	1	2	9	14	3	3	13	7	10	9	5	2	1	0	0	0	0	9	1	0
October	8.2	SW.	52	W.	1	6	4	6	0	2	19	12	12	1	14	5	12	5	4	2	2	0	0	0	0	13	0	0
November	9.6	SW.	33	SW.	0	0	5	4	0	1	26	21	3	0	8	15	7	3	2	2	2	0	1	1	0	22	0	0
December	12.3	SW.	47	W.	1	3	4	3	0	0	28	13	11	0	7	5	19	4	2	7	4	0	0	5	0	30	0	0
Year	8.1	SW.	52	W.	3	42	67	123	21	12	181	134	135	17	158	112	96	86	58	43	28	0	6	56	7	180	14	1

HELENA, MONT.

[H=4,110 ft.; h_t=87 ft.; h_r=80 ft.; h_a=114 ft.]

Month.	Average hourly velocity	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.7	W.	37	W.	0	11	2	1	1	1	14	20	12	0	9	9	13	10	5	15	8	0	0	13	0	26	0	0
February	6.9	W.	35	W.	0	4	1	0	0	5	15	24	8	1	6	12	11	6	3	16	6	0	0	4	0	26	0	0
March	7.0	SW.	28	SW.	0	11	2	3	1	8	16	17	4	0	11	9	11	9	7	16	9	0	0	16	0	30	0	1
April	8.1	SW.	42	S.	1	6	2	2	1	12	24	9	3	1	3	6	21	10	8	7	3	0	0	0	0	7	2	0
May	9.4	SW.	39	SW.	0	8	2	0	1	8	25	14	4	0	4	10	17	12	9	3	2	3	0	0	0	1	6	0
June	8.7	SW.	37	SW.	0	8	3	2	1	12	24	8	2	0	7	12	11	8	6	0	0	0	0	0	4	0	6	0
July	8.0	SW.	32	S.	0	9	2	1	1	7	27	12	3	0	9	7	15	10	7	0	0	1	0	0	1	0	3	0
August	8.2	SW.	44	SW.	1	5	2	1	0	7	36	7	4	0	11	10	10	10	8	0	0	0	0	0	1	0	5	0
September	6.9	SW.	35	SW.	0	11	3	1	1	8	21	11	4	0	9	6	15	7	7	2	1	0	0	0	0	2	1	0
October	5.8	SW.	29	SW.	0	9	1	0	0	10	33	4	5	0	11	8	12	8	4	11	6	0	0	0	0	12	1	0
November	7.4	SW.	70	SW.	1	1	0	1	1	12	38	4	3	0	4	12	14	4	3	4	0	0	0	0	0	15	0	0
December	10.3	SW.	50	SW.	2	4	1	2	1	2	38	7	7	0	4	14	13	10	3	18	8	0	0	8	0	30	0	0
Year	7.7	SW.	70	SW.	5	87	21	14	9	92	311	137	59	2	88	115	163	104	70	92	43	4	0	41	6	149	24	1

Annual meteorological summary for the year ending December 31, 1912—Continued.

HONOLULU, HAWAII.

[ϕ=21° 19′ N.; λ=157° 52′ 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	29.964	30.104	29.806	71.7	70.7	76.1	66.6	71.4	78	63	61	62	70	73	0.540	0.550	0.62	0.18	4.2	6.2	5.5
February	30.005	30.131	29.858	70.9	69.9	75.8	65.8	70.8	80	60	61	62	72	76	.544	.560	3.05	1.55	5.0	6.3	6.3
March	30.056	30.129	29.993	69.8	68.6	74.3	64.9	69.6	80	61	59	58	69	69	.503	.481	1.22	.21	6.4	6.2	7.4
April	30.089	30.209	30.015	73.0	71.3	77.4	67.8	72.6	80	64	59	60	63	68	.507	.519	.95	.37	5.2	5.9	6.0
May	30.042	30.123	29.969	74.6	73.1	79.7	69.5	74.6	82	65	62	62	65	68	.553	.552	.42	.11	5.9	5.4	6.1
June	30.010	30.085	29.960	76.8	74.7	81.1	70.8	76.0	83	68	63	64	63	68	.578	.586	.34	.10	4.7	6.7	6.3
July	29.968	30.035	29.897	77.7	75.8	82.6	72.3	77.4	84	69	64	64	63	68	.594	.605	.27	.07	5.8	6.9	6.7
August	29.963	30.033	29.892	78.3	76.8	83.4	73.0	78.2	87	70	66	66	67	70	.643	.641	.52	.18	5.2	5.8	5.9
September	29.954	30.037	29.865	78.7	76.7	83.5	72.8	78.2	85	70	65	66	63	68	.618	.627	.33	.14	4.8	6.3	6.6
October	29.990	30.068	29.917	78.5	76.5	82.7	72.5	77.6	86	68	66	66	65	69	.630	.629	2.40	1.33	4.4	6.3	6.0
November	30.014	30.110	29.906	75.4	73.9	79.3	70.0	74.6	82	66	63	62	66	68	.576	.567	2.50	.86	4.9	7.0	6.6
December	30.014	30.186	29.841	74.2	73.2	78.7	69.3	74.0	83	65	63	63	69	70	.581	.572	2.09	.83	5.2	5.4	6.4
Year	30.006	30.209	29.806	75.0	73.4	79.6	69.6	74.6	87	60	63	63	66	70	.572	.574	14.71	1.55	5.1	6.2	6.3

HOUGHTON, MICH.

[ϕ=47° 7′ N.; λ=88° 34′ W.]

January	29.302	29.866	28.757	−3.7	.....	6.4	−8.6	−1.1	23	−28	−2	....	58	....	0.023	.....	1.78	0.29	8.1	.....	7.0
February	29.257	29.629	28.766	5.0	.....	16.6	−0.1	8.2	38	−24	−1	....	76	....	.048	.....	.27	.10	6.6	.....	6.3
March	29.419	30.004	28.993	11.6	.....	27.7	7.5	17.6	56	−19	6	....	76	....	.064	.....	.33	.20	3.7	.....	4.5
April	29.226	29.590	28.497	32.2	.....	45.8	27.7	36.8	67	17	28	....	84	....	.157	.....	2.49	.70	4.9	.....	5.6
May	29.174	29.567	28.734	45.6	.....	58.3	39.0	48.6	84	31	40	....	81	....	.250	.....	3.40	1.20	5.7	.....	7.0
June	29.284	29.634	28.701	55.6	.....	68.7	47.8	58.2	86	37	48	....	76	....	.341	.....	1.64	.64	4.3	.....	4.9
July	29.257	29.538	29.013	61.0	.....	74.0	56.5	65.2	90	47	56	....	85	....	.469	.....	5.16	1.58	6.8	.....	6.0
August	29.215	29.541	28.750	55.6	.....	63.9	51.4	57.6	77	45	53	....	92	....	.408	.....	5.31	1.73	7.1	.....	7.6
September	29.224	29.679	28.872	54.0	.....	63.7	49.0	56.4	82	31	52	....	92	....	.397	.....	2.33	.71	6.2	.....	6.7
October	29.213	29.729	28.567	44.4	.....	56.9	39.5	48.2	86	30	42	....	90	....	.272	.....	1.92	1.15	5.3	.....	5.5
November	29.247	29.542	28.852	32.1	.....	39.7	28.9	34.3	55	13	27	....	82	....	.151	.....	1.64	.82	6.5	.....	7.3
December	29.081	29.489	28.601	22.6	.....	28.8	16.4	22.6	43	1	18	....	80	....	.101	.....	2.92	1.00	8.7	.....	8.6
Year	29.242	30.004	28.497	34.7	.....	45.9	29.6	37.7	90	−28	31	....	81	....	.223	.....	29.19	1.73	6.2	.....	6.4

HOUSTON, TEX.

[ϕ=29° 47′ N.; λ=95° 24′ W.]

January	29.979	30.394	29.547	43.5	.....	58.9	38.4	48.6	79	15	38	....	82	....	0.267	.....	1.73	0.84	5.9	.....	6.0
February	29.900	30.322	29.516	45.7	.....	61.6	42.1	51.8	78	22	40	....	80	....	.274	.....	3.30	2.26	4.7	.....	4.2
March	29.902	30.170	29.500	52.9	.....	66.0	49.7	57.8	82	39	50	....	90	....	.389	.....	2.91	.82	6.9	.....	7.9
April	29.829	30.168	29.555	64.4	.....	76.4	61.9	69.2	86	47	61	....	88	....	.562	.....	6.62	4.70	7.1	.....	6.5
May	29.796	30.099	29.582	70.3	.....	84.4	66.7	75.6	92	58	65	....	85	....	.541	.....	5.02	3.61	4.2	.....	4.3
June	29.826	30.018	29.558	72.3	.....	86.6	69.6	78.1	93	62	67	....	84	....	.671	.....	.77	.38	4.8	.....	5.1
July	29.875	30.006	29.769	77.2	.....	93.0	74.2	83.6	100	72	73	....	87	....	.814	.....	7.06	2.28	2.9	.....	4.4
August	29.838	29.963	29.760	76.9	.....	92.2	75.0	83.6	96	70	73	....	88	....	.814	.....	2.59	2.12	3.6	.....	5.6
September	29.806	29.959	29.622	72.7	.....	90.5	72.0	81.2	98	61	68	....	86	....	.698	.....	1.27	.30	3.5	.....	3.9
October	29.855	30.007	29.652	65.0	.....	81.9	63.6	72.8	92	51	59	....	84	....	.530	.....	3.23	1.97	4.3	.....	4.6
November	30.038	30.361	29.790	51.9	.....	70.5	50.6	60.6	81	34	45	....	79	....	.326	.....	.67	.67	3.9	.....	4.3
December	29.975	30.387	29.653	49.1	.....	60.9	46.4	53.6	78	35	44	....	82	....	.308	.....	10.09	2.21	6.7	.....	6.8
Year	29.885	30.394	29.500	61.8	.....	76.9	59.2	68.0	100	15	57	....	85	....	.524	.....	45.26	4.70	4.9	.....	5.3

HURON, S. DAK.

[ϕ=44° 21′ N.; λ=98° 14′ W.]

January	28.719	29.316	28.162	−3.7	4.2	10.1	−10.0	0.0	38	−43	−5	1	92	86	0.044	0.052	0.31	0.12	4.8	6.1	6.6
February	28.691	29.163	28.169	11.0	20.5	25.4	8.5	17.0	50	−18	9	16	90	80	.072	.095	.12	.11	5.1	6.0	5.6
March	28.737	29.239	28.217	15.2	29.6	34.4	12.4	23.4	59	− 9	12	20	88	66	.082	.107	.44	.21	4.8	5.5	4.1
April	28.496	28.897	27.770	37.5	57.2	61.9	34.8	48.4	81	16	33	34	83	45	.191	.203	3.76	1.64	4.4	5.0	4.6
May	28.483	29.055	28.019	50.5	64.9	70.6	46.0	58.3	86	33	44	45	79	51	.295	.311	2.49	.96	5.6	5.7	4.6
June	28.652	29.041	28.041	56.2	73.2	77.4	51.9	64.6	98	39	49	49	78	46	.364	.372	1.68	1.06	4.5	3.9	3.9
July	28.598	29.003	28.284	63.5	77.2	83.0	59.7	71.4	95	41	59	59	85	56	.505	.521	3.71	.81	5.2	5.1	4.7
August	28.550	28.902	28.268	58.3	76.3	81.0	56.2	68.6	100	48	54	56	87	51	.421	.457	2.41	.56	3.2	4.7	3.9
September	28.613	29.138	28.212	47.2	60.8	68.4	45.3	56.8	96	25	44	46	89	60	.317	.336	1.49	.41	5.9	6.4	5.1
October	28.601	29.045	28.002	38.2	54.3	63.8	35.2	49.5	88	19	32	32	78	45	.184	.189	.23	.16	3.2	3.6	3.1
November	28.650	29.201	28.232	27.0	39.9	50.9	24.1	37.5	74	6	21	23	76	51	.110	.122	T.	T.	4.0	3.6	3.6
December	28.552	29.140	27.917	18.2	27.1	37.5	10.9	24.2	56	− 8	13	18	81	66	.064	.099	.20	.10	3.7	4.2	5.1
Year	28.612	29.316	27.770	34.9	48.8	55.4	31.2	43.3	100	−43	30	33	84	59	.223	.239	16.75	1.64	4.5	5.0	4.6

Annual meteorological summary for the year ending December 31, 1912—Continued.

HONOLULU, HAWAII.

[H=38 ft.; h_t=111 ft.; h_r=99 ft.; h_a=119 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	7.4	NE.	33	W.	0	6	22	14	2	4	8	2	4	0	8	15	8	9	4	0	0	0	0	0	0	0	0	0
February	8.6	NE.	41	NW.	1	6	32	4	3	2	3	3	4	1	6	13	10	14	10	0	0	0	0	0	0	0	0	0
March	8.6	NE.	26	NE.	0	1	46	9	5	0	0	1	0	0	4	8	19	19	11	0	0	0	0	0	0	0	0	0
April	10.0	NE.	27	NE.	0	0	41	18	0	1	0	0	0	0	7	13	10	15	9	0	0	0	0	0	0	0	0	0
May	8.7	NE.	22	NE.	0	2	39	20	0	0	0	1	0	0	3	23	5	11	5	0	0	0	0	0	0	0	0	0
June	8.1	NE.	26	NE.	0	0	37	18	1	1	3	0	0	0	6	15	9	10	3	0	0	0	0	0	0	0	0	0
July	6.9	NE.	22	E.	0	3	34	24	0	0	0	1	0	0	2	17	12	9	3	0	0	0	0	0	0	0	0	0
August	8.2	NE.	27	E.	0	1	32	22	2	0	2	2	1	0	4	19	8	12	5	0	0	0	0	0	0	0	0	0
September	7.4	NE.	28	NE.	0	2	33	15	4	0	1	4	1	0	2	18	10	8	3	0	0	0	0	0	0	0	0	0
October	8.3	NE.	23	E.	0	2	37	20	2	0	1	0	0	0	3	18	10	19	9	0	0	0	0	0	0	0	0	0
November	8.3	NE.	30	NE.	0	0	37	20	1	1	1	0	0	0	5	11	14	12	9	0	0	0	0	0	0	0	0	0
December	8.6	E.	32	E.	0	5	20	33	0	1	0	1	2	0	5	15	11	15	10	0	0	0	0	0	0	0	0	0
Year	8.3	NE.	41	NW.	1	28	410	217	20	10	19	15	12	1	55	185	126	153	81	0	0	0	0	0	0	0	0	0

HOUGHTON, MICH.

[H=668 ft.; h_t=62 ft.; h_r=57 ft.; h_a=72 ft.

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.3	W.	32	NW.	0	3	3	4	3	0	1	6	8	3	7	6	18	18	14	23	18	0	0	31	0	31	0	1
February	7.6	NW.	29	W.	0	3	0	6	2	0	1	11	5	1	10	4	15	8	4	18	8	0	1	25	0	29	0	0
March	7.3	W.	33	NW.	0	6	2	9	0	1	1	9	3	0	14	8	9	6	2	11	6	0	0	22	0	31	0	1
April	9.5	E.	42	NW.	1	2	2	14	4	0	0	2	6	0	13	5	12	10	9	11	6	0	3	1	0	23	0	0
May	9.0	E.	37	E.	0	2	2	7	9	1	0	8	1	1	6	6	19	14	11	0	0	1	1	0	0	3	3	1
June	9.0	W.	37	W.	0	0	0	10	3	0	1	11	4	1	13	7	10	7	7	0	0	0	2	0	0	0	4	1
July	7.3	W.	28	W.	0	0	2	13	3	0	1	5	7	0	9	10	12	14	11	0	0	0	3	0	0	0	7	0
August	7.8	E.	28	W.	0	6	1	9	4	0	0	5	5	1	3	9	19	16	12	0	0	1	9	0	0	0	2	0
September	7.4	W.	42	N.	1	2	2	6	6	0	1	5	6	2	7	8	15	12	10	2	2	0	3	0	0	1	6	0
October	9.2	W.	39	W.	0	2	2	5	6	0	2	7	4	3	12	6	13	12	6	4	1	0	1	0	0	3	2	0
November	9.1	NW.	37	W.	0	4	3	5	0	1	3	5	5	4	3	11	16	9	7	15	7	0	0	8	0	20	0	1
December	9.4	NW.	34	NW.	0	4	2	4	1	2	1	7	10	0	3	3	25	19	11	23	17	0	0	18	0	29	0	0
Year	8.4	E.	42	NW.	2	34	21	92	41	5	12	81	64	16	100	83	183	145	104	107	65	2	23	105	0	170	24	5

HOUSTON, TEX.

[H=138 ft.; h_t=111 ft.; h_r=104 ft.; h_a=121 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.6	NW.	32	S.	0	4	5	4	3	4	1	3	7	0	9	6	16	10	8	1	1	0	3	1	0	9	0	0
February	10.5	NW.	39	E.	0	7	1	6	6	3	1	0	4	1	15	5	9	5	4	0	0	0	0	0	0	3	1	0
March	10.4	SE.	33	SE.	0	3	2	7	10	2	0	0	7	0	5	5	21	12	8	0	0	1	5	0	0	0	4	0
April	9.7	SE.	39	SE.	0	2	4	3	8	6	2	1	3	1	7	9	14	9	3	0	0	1	0	0	0	0	1	0
May	8.4	SE.	32	SE.	0	4	1	4	12	6	1	0	3	0	13	13	5	7	6	0	0	0	1	0	5	0	4	0
June	8.5	NE.	30	N.	0	7	11	2	4	2	0	2	1	1	10	12	8	9	5	0	0	0	0	0	9	0	3	0
July	6.3	S.	34	E.	0	1	1	1	6	7	7	5	2	1	12	15	4	12	10	0	0	0	0	0	27	0	16	0
August	6.9	SE.	26	S.	0	2	4	6	4	7	1	1	3	3	6	18	7	11	8	0	0	0	0	0	27	0	16	0
September	6.6	SE.	29	NE.	0	6	7	1	6	1	1	0	7	1	17	9	4	4	4	0	0	0	0	0	19	0	7	0
October	8.1	SE.	27	NW.	0	7	8	4	6	0	1	1	2	2	13	11	7	6	6	0	0	0	1	0	3	0	0	0
November	8.0	SE.	26	SE.	0	9	7	3	5	1	0	2	3	0	11	13	6	2	1	0	0	0	1	0	0	0	0	0
December	7.8	N.	25	NE.	0	8	5	4	2	2	3	3	2	2	8	6	17	13	12	0	0	0	4	0	0	0	5	0
Year	8.3	SE.	39	E.	0	60	56	45	72	41	18	18	44	12	126	122	118	100	75	1	1	2	15	1	90	12	57	0

HURON, S. DAK.

[H=1,306 ft.; h_t=56 ft.; h_r=52 ft.; h_a=67 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.0	NW.	40	NW.	1	17	0	0	6	14	1	12	12	0	6	11	14	11	2	18	11	0	0	28	0	31	0	0
February	9.2	NW.	34	NW.	0	13	5	1	4	4	3	8	20	0	9	9	11	3	1	12	3	0	0	19	0	29	0	0
March	10.1	N.	38	NW.	0	13	6	2	6	15	4	4	12	0	14	10	7	7	4	11	7	0	0	14	0	31	0	0
April	12.3	SE.	41	NW.	2	11	4	5	15	11	4	2	8	0	13	8	9	12	9	2	1	0	0	0	0	12	3	0
May	12.2	N.	42	W.	1	12	4	5	7	9	6	8	10	1	13	12	6	10	9	0	0	3	0	0	0	0	6	0
June	10.2	S.	33	S.	0	8	6	2	15	15	1	3	10	0	16	10	4	7	5	0	0	1	0	0	7	0	3	0
July	9.4	S.	43	NW.	2	8	7	4	15	15	2	4	7	0	13	11	7	12	11	0	0	1	1	0	2	0	8	0
August	8.4	SE.	37	N.	0	7	5	7	14	7	4	8	10	0	16	10	5	11	10	0	0	0	2	0	3	0	7	0
September	9.5	S.	36	NW.	0	11	1	0	9	12	7	6	14	0	13	6	11	11	7	1	1	0	0	0	4	5	5	0
October	11.3	S.	40	S.	2	11	1	4	8	15	4	9	10	0	20	6	5	3	2	0	0	0	1	0	0	11	0	0
November	9.9	NW.	42	NW.	1	7	1	1	8	16	4	7	16	0	13	16	1	0	0	1	0	0	0	2	0	28	0	0
December	11.0	NW.	43	NW.	2	5	1	2	3	15	6	14	16	0	11	9	11	5	2	7	5	0	0	10	0	31	0	0
Year	10.3	S.	43	NW.	11	123	41	33	110	148	46	85	145	1	157	118	91	92	62	52	28	5	4	73	16	178	32	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

INDEPENDENCE, CAL.

[ϕ=36° 48′ N.; λ=118° 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	26.064	26.336	25.679	30.9	47.9	56.0	24.6	40.3	68	12	24	24	75	40	0.125	0.131	T.	T.	2.0	5.5	3.5
February	26.043	26.303	25.708	33.6	54.5	60.0	27.9	44.0	73	18	24	18	69	25	.128	.104	0.00	0.00	2.7	4.8	2.9
March	25.842	26.105	25.444	36.2	51.6	55.5	30.5	43.0	64	22	28	25	73	40	.156	.142	1.10	.53	3.6	6.3	3.4
April	25.897	26.160	25.494	40.8	59.4	63.5	37.1	50.3	74	25	28	22	63	28	.155	.124	.82	.80	4.1	6.1	4.5
May	25.929	26.160	25.655	48.6	71.9	75.5	46.3	60.9	92	37	32	28	57	24	.188	.154	.85	.32	3.4	5.6	2.3
June	25.909	26.076	25.654	56.8	83.6	86.3	54.9	70.6	97	32	33	26	41	14	.187	.144	.00	.00	1.5	3.0	....
July	25.967	26.120	25.773	60.5	87.2	89.3	58.9	74.1	98	52	40	34	49	19	.260	.215	.68	.68	4.3	4.4	3.5
August	25.932	26.065	25.745	60.1	88.8	90.5	57.5	74.0	100	51	35	28	40	12	.207	.159	.00	.00	0.5	1.5	1.4
September	25.969	26.167	25.723	53.9	78.0	81.1	50.2	65.6	91	39	30	30	41	18	.167	.166	.00	.00	1.6	3.3	1.7
October	25.985	26.269	25.439	42.1	60.5	67.5	37.7	52.6	80	25	30	32	66	36	.163	.182	.02	.01	2.1	3.6	3.3
November	26.125	26.400	25.740	35.6	52.3	61.5	30.6	46.0	75	22	28	28	74	39	.146	.151	.00	.00	1.7	3.5	2.8
December	26.153	26.462	25.798	27.0	43.5	51.1	21.7	36.4	68	12	24	24	88	47	.121	.129	.00	.00	1.6	3.9	2.3
Year	25.985	26.462	25.439	43.8	64.9	69.8	39.8	54.8	100	12	30	27	61	28	.167	.150	3.47	.80	2.4	4.3	....

INDIANAPOLIS, IND.

[ϕ=39° 46′ N.; λ=86° 10′ W.]

January	29.196	29.644	28.761	14.3	19.6	24.5	9.9	17.2	44	−16	9	12	78	71	0.074	0.087	2.10	1.03	5.2	5.0	5.8
February	29.123	29.560	28.180	19.5	24.9	30.0	15.5	22.8	53	−11	15	17	80	71	.096	.103	2.48	1.28	6.1	4.8	5.9
March	29.226	29.737	28.563	28.2	35.7	40.2	25.5	32.8	72	12	24	28	84	76	.137	.165	5.35	1.95	5.8	6.0	6.6
April	29.106	29.515	28.672	48.4	56.8	62.6	45.2	53.9	79	29	40	43	75	63	.265	.293	4.62	1.19	5.6	5.7	5.8
May	29.059	29.368	28.663	59.9	67.5	74.0	55.9	65.0	85	38	51	53	75	63	.390	.423	5.67	1.86	4.3	5.5	5.1
June	29.172	29.499	28.731	64.6	72.4	78.3	59.5	68.9	89	45	54	54	70	55	.433	.441	2.02	.63	4.7	6.0	5.4
July	29.160	29.437	28.879	70.0	76.9	82.8	66.1	74.4	93	58	65	66	85	70	.630	.650	6.75	2.68	5.8	6.7	6.6
August	29.100	29.359	28.774	66.1	74.1	80.6	63.3	72.0	90	49	61	63	83	70	.545	.604	3.12	1.00	5.3	5.3	6.2
September	29.168	29.466	28.940	62.0	70.8	78.0	58.2	68.1	94	39	56	56	82	62	.487	.487	3.44	1.09	3.5	3.0	4.2
October	29.206	29.574	28.734	49.6	60.0	67.4	47.2	57.3	82	35	42	45	76	60	.281	.325	2.10	.99	4.4	2.3	4.3
November	29.216	29.572	28.768	36.9	44.9	51.1	35.1	43.1	70	22	30	32	76	60	.172	.189	1.21	.70	4.0	4.1	5.4
December	29.167	29.602	28.641	30.3	35.2	42.6	26.6	34.6	61	8	23	25	73	65	.131	.145	1.43	.56	5.5	4.3	5.3
Year	29.158	29.737	28.180	45.8	53.2	59.3	42.3	50.8	94	−16	39	41	78	66	.303	.326	40.29	2.68	5.0	4.9	5.6

IOLA, KANS.

[ϕ=37° 55′ N.; λ=95° 25′ W.]

January	29.084	29.614	28.640	14.8	.....	30.1	11.2	20.6	60	−16	12	....	88	....	0.088	.....	0.37	0.22	4.4	.....	4.3
February	29.011	29.506	28.627	24.1	.....	39.6	20.7	30.2	62	0	21	....	85	....	.117	.....	2.01	1.25	5.5	.....	5.2
March	29.033	29.484	28.626	29.3	.....	42.9	25.7	34.3	71	10	26	....	89	....	.154	.....	5.18	1.80	6.4	.....	6.3
April	28.903	29.339	28.462	48.5	.....	66.0	45.9	56.0	80	35	43	....	82	....	.289	.....	5.70	2.65	5.0	.....	4.4
May	28.840	29.237	28.389	61.9	.....	79.1	57.4	68.2	89	42	55	....	78	....	.440	.....	4.15	2.31	3.6	.....	3.3
June	28.991	29.289	28.480	63.7	.....	80.2	58.9	69.6	90	50	57	....	80	....	.477	.....	5.98	4.04	4.9	.....	4.4
July	28.957	29.133	28.891	73.3	.....	90.8	69.6	80.2	100	62	67	....	82	....	.668	.....	1.49	.57	4.6	.....	3.8
August	28.912	29.183	28.811	70.7	.....	91.2	67.0	79.1	100	54	65	....	82	....	.622	.....	3.78	2.68	3.9	.....	2.9
September	28.977	29.359	28.682	58.5	.....	79.7	55.4	67.6	99	32	53	....	84	....	.440	.....	3.82	2.00	3.4	.....	3.3
October	29.006	29.365	28.692	49.4	.....	73.0	44.9	59.0	92	29	43	....	81	....	.296	.....	3.59	2.63	3.0	.....	3.1
November	29.087	29.560	28.605	37.1	.....	58.0	33.6	45.8	75	19	31	....	78	....	.179	.....	.26	.26	1.3	.....	2.4
December	29.034	29.559	28.621	29.0	.....	46.5	24.8	35.6	58	13	25	....	84	....	.140	.....	.51	.41	3.0	.....	3.2
Year	28.986	29.614	28.389	46.7	.....	64.8	42.9	53.8	100	−16	42	....	83	....	.326	.....	36.84	4.04	4.1	.....	3.9

JACKSONVILLE, FLA.

[ϕ=30° 20′ N.; λ=81° 39′ W.]

January	30.050	30.319	29.731	47.1	53.2	61.7	43.6	52.6	79	26	43	45	86	76	0.301	0.324	4.76	1.17	6.5	4.4	5.6
February	29.983	30.279	29.508	46.6	54.1	61.9	43.1	52.5	82	28	41	43	81	67	.285	.300	2.65	1.12	4.5	3.1	4.3
March	30.059	30.380	29.689	57.7	62.3	71.5	53.6	62.6	84	41	54	54	88	77	.433	.436	3.27	1.44	5.5	3.7	5.0
April	30.048	30.372	29.765	66.7	69.8	78.7	62.9	70.8	87	51	61	62	84	78	.554	.572	4.96	2.39	5.0	3.5	4.9
May	29.953	30.222	29.734	74.0	76.1	85.3	69.8	77.6	96	62	68	68	83	77	.705	.687	3.53	.94	3.7	4.8	3.8
June	29.987	30.199	29.788	76.6	77.5	85.2	71.2	78.2	96	64	72	72	87	85	.792	.793	9.62	3.04	5.7	7.2	7.3
July	30.002	30.220	29.702	79.7	81.0	89.2	74.5	81.8	98	71	75	74	85	81	.856	.852	6.74	3.16	3.7	6.2	5.8
August	30.014	30.160	29.863	77.4	80.3	89.3	74.3	81.8	94	69	74	74	89	82	.836	.841	5.32	1.33	2.8	5.0	4.2
September	29.937	30.133	29.758	76.8	78.5	88.1	73.9	81.0	99	69	74	74	90	87	.830	.849	7.69	3.58	5.0	5.9	5.8
October	29.980	30.188	29.807	68.4	72.4	80.4	66.0	73.2	91	51	65	67	88	82	.627	.664	3.17	1.81	4.8	4.3	5.1
November	30.106	30.367	29.711	53.6	60.1	68.9	50.4	59.6	84	37	48	52	82	76	.363	.410	.82	.35	3.5	3.9	3.9
December	30.093	30.363	29.824	54.8	59.5	68.3	51.4	59.8	82	34	52	54	82	84	.413	.450	2.91	1.05	5.8	3.8	5.9
Year	30.018	30.380	29.508	65.0	68.7	77.4	61.2	69.3	99	26	61	62	86	79	.583	.598	55.44	3.55	4.7	4.6	5.1

Annual meteorological summary for the year ending December 31, 1912—Continued.

INDEPENDENCE, CAL.

[H=3,910 ft.; h_t=11 ft.; h_r=4 ft.; h_a=42 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	4.8	NW.	26	N.	0	11	3	1	6	15	3	8	15	0	20	6	5	0	0	1	0	0	0	0	0	29	0	0
February	7.5	NW.	38	N.	0	15	3	2	11	3	0	4	20	0	21	6	2	0	0	0	0	0	0	0	0	25	0	0
March	9.4	N.	34	N.	0	16	1	1	6	16	6	4	11	1	19	6	6	7	7	2	0	0	0	0	0	21	1	0
April	9.8	S.	46	W.	2	11	0	1	5	19	3	4	17	0	14	10	6	2	1	1	0	0	0	0	0	7	0	0
May	8.1	N.	30	SE.	0	21	0	1	7	11	2	6	14	0	22	8	1	4	4	0	0	0	0	0	2	0	0	0
June	8.6	N.	40	SE.	1	16	3	2	7	13	3	8	7	1	26	2	2	0	0	0	0	0	0	0	12	0	0	0
July	6.2	S.	25	SE.	0	9	2	3	10	20	1	4	12	1	15	13	3	1	1	0	0	0	0	0	18	0	6	0
August	6.2	S.	28	S.	0	6	0	1	8	24	3	4	16	0	29	2	0	0	0	0	0	0	0	0	17	0	1	0
September	5.0	NW.	20	NW.	0	11	1	2	5	14	5	5	16	1	26	4	0	0	0	0	0	0	0	0	1	0	0	0
October	5.8	N.	38	N.	0	16	1	0	7	15	4	4	14	1	21	4	6	2	0	0	0	0	0	0	0	4	0	0
November	6.1	NW.	33	N.	0	6	1	0	9	17	3	3	21	0	22	5	3	0	0	0	0	0	0	0	0	20	0	0
December	8.0	NW.	36	S.	0	17	0	2	7	7	0	4	25	0	24	6	1	0	0	0	0	0	0	0	0	29	0	0
Year	7.1	NW.	46	W.	3	155	15	16	88	174	33	58	188	5	259	72	35	16	13	4	0	0	0	0	50	135	8	0

INDIANAPOLIS, IND.

[H=822 ft.; h_t=154 ft.; h_r=146 ft.; h_a=164 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.9	NW.	36	W.	0	8	4	9	3	6	8	13	11	0	10	8	13	9	6	13	5	0	0	21	0	31	0	0
February	10.7	W.	38	S.	0	5	12	0	3	8	11	12	7	0	9	6	14	10	7	17	7	0	3	17	0	26	2	0
March	9.7	N.	40	S.	1	22	12	4	6	5	3	2	8	0	7	10	14	16	14	8	7	1	1	7	0	25	3	0
April	12.6	S.	46	SE.	3	9	6	2	9	18	9	2	5	0	9	10	11	14	11	3	1	0	0	0	0	2	7	0
May	10.8	S.	39	S.	0	7	3	6	12	12	15	0	7	0	10	12	9	11	9	0	0	1	1	0	0	0	9	0
June	8.3	SW.	32	SW.	0	7	13	4	6	9	12	3	6	0	8	15	7	10	9	0	0	0	0	0	0	0	11	0
July	8.3	SW.	41	S.	1	8	8	7	5	13	13	1	7	0	0	22	9	15	12	0	0	0	1	0	2	0	11	0
August	8.8	SW.	40	SW.	1	5	7	5	5	15	17	3	5	0	6	15	10	11	9	0	0	0	0	0	1	0	9	0
September	7.3	SW.	40	SE.	1	10	10	5	11	5	15	0	3	1	14	12	4	8	6	0	0	0	1	0	8	0	5	0
October	8.4	S.	34	SW.	0	8	3	7	9	15	10	0	10	0	16	5	10	8	6	0	0	0	2	0	0	0	2	0
November	12.1	SW.	42	SW.	1	2	0	1	6	17	16	8	10	0	10	10	10	5	5	4	1	0	0	0	0	14	1	0
December	12.6	SW.	38	SW.	0	3	0	2	4	19	21	9	4	0	11	10	10	9	7	6	2	0	0	2	0	22	0	0
Year	10.0	SW.	46	SE.	8	94	78	52	79	142	150	53	83	1	110	135	121	126	101	51	23	2	9	47	11	120	60	0

IOLA KANS.

[H=984 ft.; h_t=11 ft.; h_r=3 ft.; h_a=50 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.8	N.	33	NE.	0	8	5	1	1	1	8	2	5	0	12	13	6	3	3	10	3	0	1	18	0	31	0	0
February	8.6	NE.	31	N.	0	5	5	2	1	5	2	3	6	0	9	11	9	7	5	7	4	0	0	8	0	27	1	0
March	8.9	NE.	28	S.	0	8	7	3	5	3	1	1	3	0	7	9	15	16	10	12	6	0	1	7	0	23	2	0
April	9.3	S.	28	SW.	0	6	0	2	7	8	2	1	4	0	15	7	8	12	10	1	0	1	0	0	0	0	6	0
May	9.1	S.	36	W.	0	4	1	2	3	13	4	1	3	0	18	11	2	7	6	0	0	1	0	0	0	0	5	0
June	5.8	NE.	20	SE.	0	1	7	4	5	3	1	2	7	0	12	13	5	12	11	0	0	0	0	0	2	0	7	0
July	6.8	S.	24	W.	0	3	6	2	5	11	3	0	1	0	14	12	5	8	7	0	0	0	0	0	19	0	9	0
August	6.3	S.	23	NW.	0	0	3	2	2	15	5	3	1	0	17	13	1	8	5	0	0	0	0	0	21	0	6	0
September	6.1	S.	35	SW.	0	5	3	1	9	7	1	0	4	0	18	6	6	7	5	0	0	0	0	0	10	1	5	0
October	7.2	S.	26	S.	0	4	7	1	3	7	4	1	4	0	19	8	4	4	3	1	0	0	0	0	1	2	5	0
November	8.4	S.	27	SW.	0	6	0	1	2	12	3	2	4	0	23	2	5	2	1	0	0	0	0	0	0	14	1	0
December	7.8	S.	28	W.	0	5	0	1	1	10	5	2	6	1	19	8	4	3	2	0	0	0	1	1	0	29	0	0
Year	7.7	S.	36	W.	0	55	44	22	44	95	39	18	48	1	183	113	70	89	68	31	13	2	3	34	53	127	47	0

JACKSONVILLE, FLA.

[H=43 ft.; h_t=96 ft.; h_r=88 ft.; h_a=129 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.7	NW.	42	SW.	1	15	15	0	2	5	3	9	13	0	11	9	11	11	10	1	0	0	0	0	0	5	1	0
February	9.9	NW.	58	SW.	2	5	4	3	4	7	9	11	15	0	15	6	8	6	5	0	0	0	1	0	0	2	4	0
March	9.7	NE.	42	S.	1	10	20	4	8	5	6	4	4	1	12	10	9	9	6	0	0	0	0	0	0	0	4	0
April	9.9	NE.	46	SW.	3	5	14	12	14	7	6	1	1	0	12	13	5	11	10	0	0	0	0	0	0	0	7	0
May	9.0	SW.	42	SW.	1	2	10	11	7	10	15	4	3	0	17	9	5	10	9	0	0	0	0	0	0	7	12	0
June	9.6	SW.	36	SW.	0	4	10	3	12	10	13	6	2	0	2	12	16	16	13	0	0	0	0	0	0	6	13	0
July	7.9	SE.	38	SW.	0	3	6	11	12	10	8	7	5	0	4	19	8	11	10	0	0	0	0	0	0	14	14	0
August	7.6	SW.	38	SW.	0	1	2	4	18	8	20	5	4	0	14	10	7	13	13	0	0	0	0	0	0	15	17	0
September	8.0	SE.	35	S.	0	9	4	8	20	6	7	1	5	0	9	9	12	12	10	0	0	0	0	2	0	9	13	0
October	8.1	NE.	26	NE.	0	20	24	8	2	2	0	0	6	0	10	11	10	9	7	0	0	0	0	0	0	1	3	0
November	8.6	N.	28	S.	0	21	11	6	3	0	3	3	13	0	14	10	6	8	7	0	0	0	0	0	0	0	0	0
December	7.7	N.	29	W.	0	19	9	8	4	5	5	2	10	0	8	9	14	13	11	0	0	0	8	0	0	0	0	0
Year	8.7	NE.	58	SW.	8	114	129	78	108	75	95	53	81	1	128	127	111	129	111	1	0	0	11	0	52	7	88	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

KALISPELL, MONT.

[ϕ=48° 10′ N.; λ=114° 25′ 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	26.945	27.447	26.475	17.6	22.1	26.5	13.4	20.0	46	−15	15	18	90	82	0.097	0.107	1.69	0.60	7.9	7.8	8.1
February	26.992	27.470	26.521	23.2	31.6	34.7	21.3	28.0	46	6	20	24	88	74	.113	.132	.48	.16	7.6	7.0	7.1
March	26.899	27.180	26.508	18.7	34.9	39.4	16.6	28.0	56	3	14	22	79	58	.086	.121	.37	.17	4.9	5.3	3.7
April	26.795	27.096	26.308	34.7	53.7	57.7	33.8	45.8	73	24	30	32	82	45	.166	.182	.61	.40	6.8	7.5	5.3
May	26.899	27.327	26.540	41.3	61.2	64.9	40.5	52.7	79	29	36	37	82	45	.214	.224	.76	.18	5.4	5.5	5.2
June	26.911	27.211	26.592	49.8	70.9	75.2	47.6	61.4	92	36	42	44	76	43	.274	.301	2.59	1.38	4.5	5.0	4.1
July	26.947	27.185	26.665	49.8	68.9	72.2	48.8	60.5	90	40	45	50	84	54	.300	.364	1.56	.39	6.0	5.9	5.1
August	26.900	27.126	26.584	48.9	68.1	72.0	47.6	59.8	88	33	44	47	83	50	.289	.326	1.03	.51	5.5	6.5	5.1
September	27.005	27.315	26.667	37.9	56.3	60.2	36.5	48.4	73	28	35	39	88	54	.205	.240	.68	.22	4.9	5.2	4.4
October	26.962	27.340	26.514	33.8	45.3	51.1	31.8	41.4	69	22	28	31	80	59	.156	.176	.41	.23	5.5	6.4	5.8
November	26.966	27.437	26.550	31.6	37.9	42.3	28.9	35.6	58	14	26	29	79	70	.141	.161	.83	.32	7.1	8.0	7.7
December	26.943	27.385	26.239	24.4	28.9	34.0	20.5	27.2	48	6	19	23	80	78	.102	.123	.69	.26	7.2	7.2	7.9
Year	26.930	27.470	26.239	34.3	48.3	52.5	32.3	42.4	92	−15	30	33	83	59	.179	.205	11.70	1.38	6.1	6.4	5.8

KANSAS CITY, MO.

[ϕ=39° 5′ N.; λ=94° 37′ W.]

January	29.087	29.624	28.618	12.9	20.3	24.6	8.8	16.7	53	−20	7	14	77	75	0.075	0.097	0.55	0.19	4.0	3.3	4.6
February	29.025	29.478	28.595	23.7	29.8	35.1	20.6	27.8	56	− 4	18	23	77	76	.105	.130	1.65	1.06	6.3	5.7	6.3
March	29.058	29.528	28.586	27.9	35.8	39.5	24.5	32.0	68	9	23	29	82	76	.133	.166	5.75	2.63	5.1	6.6	5.7
April	28.901	29.328	28.439	48.9	59.5	64.2	46.6	55.4	78	35	40	42	73	56	.257	.282	1.53	.63	5.8	5.2	5.3
May	28.830	29.240	28.273	62.7	73.4	77.9	59.6	68.8	90	45	52	53	69	50	.410	.418	3.64	1.60	3.6	3.7	3.6
June	28.994	29.316	28.409	63.9	74.3	79.0	61.3	70.2	90	50	55	56	73	54	.439	.450	4.27	1.69	4.6	5.0	4.7
July	28.957	29.188	28.739	72.6	85.2	88.7	70.9	79.8	96	61	64	64	76	50	.610	.607	3.30	1.75	4.6	2.7	4.0
August	28.907	29.207	28.716	70.3	81.6	86.0	68.5	77.2	98	58	63	65	79	59	.592	.637	3.75	2.28	4.1	3.2	3.4
September	28.982	29.418	28.688	60.2	71.4	76.2	58.7	67.4	97	39	52	54	76	56	.418	.450	1.99	.68	4.3	4.9	4.4
October	29.013	29.349	28.581	52.2	62.5	70.6	49.2	59.9	88	33	42	43	69	52	.283	.293	2.96	1.53	3.0	3.0	2.9
November	29.066	29.548	28.620	39.4	50.9	56.9	37.6	47.2	73	22	30	33	70	52	.176	.202	1.90	1.89	2.0	2.9	3.1
December	29.006	29.547	28.480	31.5	39.2	45.5	27.9	36.7	59	12	22	24	66	54	.123	.130	.67	.65	2.7	1.9	3.8
Year	28.986	29.624	28.373	47.2	57.0	62.0	44.5	53.3	98	−20	39	42	74	59	.302	.322	31.96	2.63	4.2	4.0	4.3

KEOKUK, IOWA.

[ϕ=40° 22′ N.; λ=91° 26′ W.]

January	29.466	29.990	29.022	8.4	14.4	19.6	4.3	12.0	46	−22	5	10	82	81	0.062	0.078	0.18	0.09	5.1	4.4	5.5
February	29.385	29.792	28.744	18.1	25.2	29.9	15.3	22.6	57	− 8	15	21	87	85	.093	.126	.94	.52	6.4	5.6	6.4
March	29.465	29.968	28.930	24.5	32.7	38.1	21.7	29.9	64	4	21	27	86	79	.123	.151	1.38	.58	6.1	4.6	5.5
April	29.282	29.716	28.804	47.1	56.7	62.5	43.6	53.0	76	30	41	43	79	62	.264	.293	2.41	.93	4.5	5.4	5.1
May	29.212	29.573	28.762	60.4	71.2	77.3	55.8	66.6	90	40	53	55	78	60	.417	.454	1.82	.97	4.2	3.5	3.8
June	29.369	29.660	28.790	63.6	73.8	79.9	59.6	69.8	92	49	56	60	77	63	.461	.527	2.28	1.26	3.9	5.2	4.4
July	29.337	29.617	29.149	70.5	81.9	87.3	67.2	77.2	96	57	65	67	82	62	.624	.683	4.45	2.10	4.4	2.7	3.9
August	29.279	29.609	29.063	67.6	77.4	83.4	64.7	74.0	98	52	63	66	85	70	.581	.664	2.50	.62	4.0	4.3	4.6
September	29.356	29.763	29.121	60.3	69.3	76.9	57.9	67.4	98	34	56	57	85	68	.474	.501	1.73	1.00	3.9	4.7	4.5
October	29.390	29.752	29.014	48.5	59.1	67.5	44.9	56.2	89	30	45	46	86	64	.309	.325	4.47	1.74	3.5	2.6	3.3
November	29.418	29.863	29.046	37.2	46.8	54.0	34.7	44.4	74	21	32	35	80	65	.187	.213	1.81	1.40	3.3	3.0	3.2
December	29.349	29.919	28.857	29.2	36.3	44.3	24.7	34.5	64	6	23	27	76	69	.126	.153	.50	.27	4.1	3.1	3.3
Year	29.359	29.990	28.744	44.6	53.7	60.1	41.2	50.6	98	−22	40	43	82	69	.318	.347	24.42	2.10	4.4	4.1	4.5

KEY WEST, FLA.

[ϕ=24° 33′ N.; λ=81° 48′ W.]

January	30.027	30.232	29.876	69.3	69.9	74.6	65.4	70.0	81	55	65	65	86	88	0.626	0.638	4.05	1.51	5.9	4.6	5.7
February	30.001	30.167	29.734	65.1	66.2	71.4	61.7	66.6	81	53	59	60	81	80	.516	.526	3.35	1.82	5.2	4.2	4.9
March	30.033	30.185	29.846	73.9	74.3	78.5	70.7	74.6	84	62	68	68	82	82	.691	.698	1.80	.94	5.5	3.1	4.8
April	30.021	30.222	29.913	78.4	77.9	83.2	75.1	79.2	87	68	70	71	77	79	.751	.769	.25	.17	4.1	3.6	4.2
May	29.959	30.091	29.843	80.9	80.2	85.6	76.3	81.0	88	70	74	74	79	80	.833	.828	6.96	3.01	6.7	5.1	5.7
June	29.983	30.110	29.834	81.8	81.4	86.2	76.1	81.2	90	70	74	75	78	80	.849	.855	9.04	3.71	5.9	6.2	6.0
July	30.010	30.168	29.877	82.8	82.3	87.5	77.8	82.6	89	69	75	74	76	77	.855	.848	2.36	.98	5.0	5.0	5.0
August	30.007	30.084	29.955	83.4	83.1	88.7	78.6	83.6	90	71	74	74	74	75	.846	.852	1.69	.49	5.9	5.5	5.2
September	29.934	30.059	29.803	82.9	82.6	87.8	78.3	82.0	91	72	77	77	82	83	.925	.919	4.35	2.79	6.3	6.2	6.6
October	29.906	30.037	29.818	79.9	80.0	85.1	75.5	80.3	88	65	76	76	87	88	.889	.883	6.17	2.60	5.1	4.2	4.9
November	30.021	30.176	29.815	71.2	72.5	76.8	68.6	72.7	84	58	66	66	84	81	.648	.657	1.17	.78	5.8	3.2	4.3
December	30.055	30.191	29.930	71.8	72.6	77.5	69.6	73.6	82	61	67	68	86	84	.675	.681	2.26	1.14	4.6	3.1	4.4
Year	29.996	30.232	29.734	76.6	76.9	81.9	72.8	77.4	91	53	70	71	81	81	.759	.762	43.45	3.71	5.5	4.5	5.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

KALISPELL, MONT.

[H=2,962 ft.; h_1=11 ft.; h_2=4 ft.; h_3=34 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	3.0	NW.	19	SW.	0	4	0	0	0	7	2	18	26	5	3	5	23	14	10	13	10	0	3	18	0	31	0	0
February	3.4	W.	17	S.	0	3	0	0	0	7	10	20	16	2	3	11	15	10	6	14	9	0	2	8	0	27	0	0
March	4.5	NW.	19	N.	0	5	1	8	7	10	3	11	17	0	17	9	5	6	4	7	5	0	0	6	0	30	0	0
April	5.0	W.	21	SW.	0	3	1	1	9	7	5	23	10	1	7	18	5	9	3	1	0	0	0	0	0	11	2	0
May	5.2	NW.	23	SW.	0	2	3	4	8	4	7	17	17	0	8	15	8	9	7	0	0	1	0	0	0	2	0	0
June	5.2	W.	30	SW.	0	5	0	2	14	0	7	19	12	1	15	10	5	9	8	0	0	0	0	0	3	0	6	0
July	4.1	W.	24	W.	0	6	2	3	14	5	3	18	10	1	9	16	6	12	8	0	0	0	0	0	1	0	6	0
August	4.3	W.	26	SW.	0	0	1	4	11	5	12	18	11	0	10	13	8	9	6	0	0	0	0	0	0	0	1	0
September	3.8	W.	24	SW.	0	5	3	4	14	4	4	13	12	1	15	8	7	10	6	0	0	0	0	0	0	8	0	0
October	4.5	W.	34	SW.	0	10	0	0	11	4	11	14	9	3	6	16	9	6	3	2	2	0	0	0	0	16	0	0
November	3.7	W.	26	SW.	0	1	0	0	2	13	16	19	8	1	3	8	19	10	7	4	2	0	0	2	0	21	0	0
December	4.7	W.	32	SW.	0	2	0	0	3	7	17	23	8	2	2	8	21	10	5	17	8	0	0	10	0	30	0	0
Year	4.3	W.	34	SW.	0	46	11	26	93	73	97	213	156	17	98	137	131	114	73	58	36	1	5	44	4	176	15	0

KANSAS CITY, MO.

[H=936 ft.; h_1=161 ft.; h_2=141 ft.; h_3=181 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	12.9	N.	39	N.	0	12	12	3	2	6	8	3	16	0	12	12	7	7	4	9	7	0	3	20	0	29	0	0
February	13.5	N.	47	NW.	3	18	6	2	0	10	5	7	10	0	7	9	13	8	6	10	5	0	0	10	0	25	1	0
March	12.3	N.	42	N.	1	23	9	6	7	6	4	1	5	1	11	6	14	17	12	16	12	0	2	9	0	22	1	0
April	14.5	S.	51	SW.	3	12	2	4	9	16	8	3	6	0	10	12	8	7	7	1	0	0	0	0	0	0	4	0
May	13.6	S.	50	NW.	3	12	1	7	3	22	10	2	5	0	13	16	2	8	6	0	0	2	0	0	1	0	9	0
June	9.9	S.	67	N.	2	12	3	9	5	14	6	9	2	0	12	10	8	11	5	0	0	2	0	0	1	0	10	0
July	10.7	S.	49	W.	1	9	7	8	7	22	4	3	2	0	14	15	2	12	8	0	0	0	0	0	15	0	15	0
August	10.4	S.	42	N.	2	3	5	6	9	20	9	5	5	0	19	4	8	10	8	0	0	0	0	0	11	0	8	0
September	10.4	S.	48	SW.	1	9	4	5	10	15	6	4	7	0	14	7	9	7	4	0	0	0	1	0	9	0	5	0
October	11.7	S.	37	W.	0	10	2	4	7	26	2	3	8	0	22	3	6	9	6	1	1	0	0	0	0	0	5	0
November	13.2	S.	46	NW.	1	9	0	1	4	24	7	4	11	0	20	5	5	3	2	1	0	0	0	0	0	9	1	0
December	14.0	SW.	41	NW.	2	4	1	1	2	18	16	13	7	0	17	7	7	3	1	2	0	0	1	0	0	21	0	0
Year	12.3	S.	67	N.	19	133	52	56	65	199	85	57	84	1	171	106	89	102	69	40	25	4	7	39	37	106	59	0

KEOKUK, IOWA.

[H=614 ft.; h_1=64 ft.; h_2=56 ft.; h_3=78 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.7	NW.	25	W.	0	10	2	3	6	4	9	12	16	0	8	13	10	4	2	12	4	0	1	25	0	31	0	0
February	8.3	NW.	27	NW.	0	5	4	2	0	11	6	11	19	0	8	8	13	9	7	11	6	0	1	18	0	26	0	0
March	7.3	NW.	24	NE.	0	12	12	8	2	7	2	4	13	2	10	11	10	7	7	10	5	0	1	11	0	26	1	0
April	10.2	SW.	42	SW.	1	7	5	6	6	10	12	5	8	1	11	11	8	10	9	1	1	0	2	0	0	3	4	0
May	8.5	S.	34	NW.	0	6	2	5	9	13	12	6	9	0	12	16	3	11	7	0	0	1	0	0	0	0	9	0
June	5.9	NW.	25	W.	0	8	4	8	8	6	6	6	11	3	11	15	4	9	8	0	0	0	0	0	2	0	8	0
July	6.3	S.	28	N.	0	9	5	13	2	20	4	1	8	0	12	17	2	7	5	0	0	0	0	0	11	0	9	0
August	6.3	SW.	28	W.	0	6	10	2	6	13	15	4	5	1	14	9	8	12	10	0	0	0	0	0	9	0	8	0
September	5.8	S.	24	W.	0	10	3	1	9	14	8	5	5	5	14	10	6	5	4	0	0	0	0	0	8	0	6	0
October	6.9	S.	36	W.	0	8	1	4	10	12	9	7	9	2	21	5	5	9	9	1	1	0	2	0	0	1	5	0
November	9.0	S.	35	NW.	0	0	0	0	10	16	10	11	11	2	15	12	3	4	4	2	0	0	1	0	0	12	2	0
December	10.2	SW.	38	SW.	0	0	0	3	4	16	21	10	8	0	20	5	6	2	2	6	0	0	1	3	0	26	0	0
Year	7.7	S.	42	SW.	1	81	43	55	72	142	114	82	122	16	156	132	78	89	74	43	17	1	9	57	30	125	52	0

KEY WEST, FLA.

[H=22 ft.; h_1=41 ft.; h_2=32 ft.; h_3=49 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.8	NW.	32	NW.	0	10	15	6	8	6	2	1	14	0	5	18	8	14	12	0	0	0	0	0	0	0	1	0
February	9.2	N.	32	NW.	0	13	12	8	5	1	1	5	13	0	11	11	7	5	5	0	0	0	0	0	0	0	1	0
March	8.6	E.	22	NW.	0	5	14	22	7	2	0	1	11	0	13	12	6	8	3	0	0	0	0	0	0	0	4	0
April	8.7	SE.	24	E.	0	6	11	23	15	1	0	1	3	0	12	13	0	4	2	0	0	0	0	0	0	0	0	0
May	6.4	E.	23	NW.	0	3	4	30	13	4	0	2	5	1	7	17	7	9	7	0	0	0	0	0	0	0	4	0
June	8.2	SE.	33	SE.	0	2	1	26	19	8	0	1	3	0	7	11	12	14	14	0	0	0	0	0	0	0	11	0
July	6.7	E.	19	SE.	0	3	7	27	8	3	4	4	5	1	12	13	6	9	7	0	0	0	0	0	0	0	6	0
August	7.0	E.	18	SE.	0	1	6	46	9	0	0	0	0	0	5	22	4	7	7	0	0	0	0	0	0	0	13	0
September	6.0	E.	26	SE.	0	2	13	26	6	10	2	0	0	1	1	19	10	12	7	0	0	0	0	0	2	0	6	0
October	7.4	E.	23	E.	0	9	15	23	2	1	2	3	7	0	8	17	6	17	12	0	0	0	0	0	0	0	7	0
November	10.7	N.	39	NW.	0	21	22	1	2	2	2	1	9	0	15	8	7	4	3	0	0	0	0	0	0	0	0	0
December	8.0	NE.	29	NW.	0	15	18	14	5	2	0	2	6	0	14	8	9	8	6	0	0	0	0	0	0	0	1	0
Year	8.0	E.	39	NW.	0	90	138	252	99	40	13	21	76	3	110	174	82	111	85	0	0	0	0	0	2	0	54	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

KNOXVILLE, TENN.

[ϕ=35° 56′ N.; λ=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	29.030	29.326	28.492	28.4	35.8	40.7	24.9	32.8	59	1	23	24	79	62	0.128	0.137	3.00	1.42	6.8	4.5	5.5
February	28.942	29.261	28.292	30.8	39.3	44.6	27.6	36.1	67	5	27	28	85	64	.161	.160	2.96	1.50	6.6	5.3	6.1
March	29.026	29.472	28.458	41.3	51.0	55.3	37.9	46.6	79	24	37	38	85	65	.232	.241	7.04	2.75	7.5	6.8	6.7
April	28.999	29.390	28.540	53.7	63.6	70.2	48.9	59.6	82	35	47	46	80	56	.344	.334	7.98	2.33	6.6	5.6	5.5
May	28.942	29.294	28.606	62.2	72.2	78.2	56.8	67.5	89	45	55	56	79	58	.447	.454	5.94	1.50	5.5	5.1	4.7
June	29.007	29.270	28.683	68.0	74.9	82.5	62.3	72.4	90	53	60	61	76	64	.535	.551	2.44	.56	5.4	6.4	5.6
July	29.024	29.248	28.758	72.2	78.7	86.1	68.3	77.2	92	61	67	67	84	69	.659	.667	4.32	1.62	6.3	5.6	5.7
August	28.991	29.163	28.728	69.6	76.3	84.6	66.1	75.4	92	58	65	66	86	71	.629	.639	2.66	.74	7.4	5.5	6.8
September	28.985	29.187	28.782	68.3	76.4	84.4	64.1	74.2	94	51	63	61	83	61	.578	.553	5.08	2.18	4.3	4.0	4.8
October	29.061	29.322	28.795	52.3	64.4	72.5	49.4	61.0	85	35	48	52	87	67	.355	.414	1.30	.91	4.2	3.8	4.1
November	29.128	29.431	28.730	37.5	49.5	57.4	34.5	46.0	74	21	32	33	81	55	.192	.199	1.47	.88	3.6	3.7	3.8
December	29.079	29.429	28.693	34.9	42.8	47.8	31.6	39.7	70	18	31	32	84	66	.184	.195	6.42	2.05	6.8	5.0	6.4
Year	29.018	29.472	28.292	51.6	60.4	67.0	47.7	57.4	94	1	46	47	82	63	.370	.379	50.61	2.75	5.9	5.1	5.5

LA CROSSE, WIS.

[ϕ=43° 49′ N.; λ=91° 15′ W.]

January	29.343	29.957	28.906	−5.2	1.5	7.6	−9.8	−1.1	29	−34	−10	....	80	....	0.029	.....	0.78	0.20	6.3	4.2	4.9
February	29.243	29.605	28.792	10.9	18.2	23.4	7.2	15.3	45	−25	7	....	81	....	.068	.....	.27	.10	6.4	6.0	6.7
March	29.391	29.937	28.980	17.4	28.8	33.8	15.5	24.6	55	− 5	13	....	80	....	.083	.....	1.14	.50	5.4	5.1	5.3
April	29.156	29.498	28.681	42.3	53.8	60.8	38.5	49.6	75	26	34	....	74	....	.206	.....	3.12	1.13	5.8	6.2	5.7
May	29.106	29.471	28.629	54.5	64.1	71.3	50.0	60.6	84	35	47	....	77	....	.340	.....	5.88	3.11	6.5	6.5	6.2
June	29.275	29.662	28.659	59.5	70.9	76.7	54.0	65.4	95	41	51	....	75	....	.387	.....	1.56	.98	4.3	5.0	4.6
July	29.226	29.520	29.007	65.2	75.6	81.5	61.4	71.4	94	48	61	....	86	....	.549	.....	6.41	2.54	5.8	4.5	5.0
August	29.150	29.551	28.858	61.5	70.7	77.1	58.5	67.8	95	45	58	....	90	....	.495	.....	3.33	1.17	7.5	5.1	6.5
September	29.216	29.677	28.918	55.8	62.9	71.5	52.4	62.0	93	32	52	....	89	....	.427	.....	1.61	.58	5.8	5.0	5.4
October	29.253	29.701	28.777	42.8	52.2	62.6	39.1	50.8	83	25	39	....	86	....	.244	.....	1.03	.82	3.7	4.5	3.9
November	29.255	29.654	28.899	31.4	40.2	48.1	28.6	38.4	65	13	27	....	84	....	.150	.....	.90	.82	5.8	3.4	5.9
December	29.152	29.693	28.570	22.8	28.8	36.2	18.7	27.4	49	0	19	....	82	....	.108	.....	2.13	1.01	5.5	4.4	6.0
Year	29.230	29.957	28.570	38.2	47.3	54.2	34.5	44.4	95	−34	33	....	82	....	.257	.....	28.16	3.11	5.7	5.0	5.5

LANDER, WYO.

[ϕ=42° 50′ N.; λ=108° 45′ W.]

January	24.574	24.943	24.184	11.6	22.6	31.9	4.1	18.0	57	−19	4	7	70	51	0.054	0.063	0.36	0.20	5.1	4.3	4.3
February	24.620	24.979	24.197	14.6	26.3	32.7	8.0	20.4	51	−19	9	15	77	63	.067	.088	1.74	.75	5.7	5.8	5.4
March	24.562	24.811	24.179	9.3	24.4	28.5	3.7	16.1	48	−14	5	8	82	50	.057	.065	1.55	.54	6.3	3.7	4.5
April	24.535	24.854	24.148	32.1	48.6	53.1	29.1	41.1	65	17	23	26	67	46	.123	.147	1.64	.85	4.8	5.2	4.6
May	24.616	25.009	24.332	39.8	57.0	62.2	36.3	49.2	82	18	30	28	69	40	.169	.155	2.62	1.56	4.6	6.3	4.9
June	24.698	24.955	24.332	49.0	69.3	74.9	46.2	60.6	88	36	39	37	70	35	.241	.227	1.36	.79	4.6	6.2	4.6
July	24.702	24.950	24.502	54.0	76.6	81.9	51.4	66.6	92	43	43	42	67	34	.279	.279	.96	.36	5.5	6.0	5.2
August	24.680	24.872	24.401	51.8	75.0	79.8	48.4	64.1	92	38	42	42	70	33	.271	.272	.52	.24	3.8	4.2	3.7
September	24.719	25.012	24.383	39.8	53.8	59.6	35.7	47.6	81	21	32	39	74	61	.181	.241	3.88	1.06	6.1	6.7	5.8
October	24.663	24.980	24.258	32.1	45.1	53.4	27.4	40.4	75	17	24	29	70	57	.126	.162	4.64	1.72	4.7	4.1	4.3
November	24.715	25.122	24.277	27.1	37.2	46.3	22.0	34.2	62	6	19	22	70	53	.101	.120	.33	.19	4.2	5.2	5.6
December	24.627	24.971	24.119	14.7	24.2	34.5	7.0	20.8	49	− 4	6	9	66	49	.054	.063	.40	.18	3.0	3.8	4.4
Year	24.643	25.122	24.119	31.3	46.7	53.2	26.6	39.9	92	−19	23	25	71	48	.144	.157	20.00	1.72	4.9	5.1	4.8

LANSING, MICH.

[ϕ=42° 44′ N.; λ=84° 26′ W.]

January	29.075	29.584	28.473	7.2	10.6	16.6	1.9	9.2	35	−17	5	7	91	86	0.056	0.060	0.80	0.31	7.7	6.2	7.5
February	29.010	29.547	28.218	12.7	16.6	24.5	7.2	15.8	46	−25	10	12	89	83	.081	.083	2.04	1.05	7.9	4.8	6.4
March	29.192	29.705	28.613	16.3	24.9	32.5	12.2	22.4	50	− 5	14	20	88	79	.088	.111	1.92	.88	5.2	3.8	5.0
April	29.017	29.458	28.572	40.8	47.9	56.1	35.1	45.6	72	22	34	38	75	69	.198	.235	3.12	1.03	5.2	5.3	5.5
May	28.977	29.290	28.583	53.8	60.1	68.5	46.8	57.6	85	37	46	50	75	72	.318	.379	6.57	1.84	5.5	6.2	5.5
June	29.101	29.506	28.580	60.7	66.3	75.3	50.9	63.1	89	40	51	54	72	68	.394	.427	.97	.57	4.8	4.5	4.4
July	29.087	29.392	28.788	65.9	71.3	80.2	59.0	69.6	90	43	60	62	83	74	.543	.574	5.06	1.60	7.1	6.5	6.3
August	29.014	29.319	28.650	61.4	66.2	75.4	56.0	65.7	89	46	58	60	88	81	.490	.533	2.19	.76	5.8	5.1	6.3
September	29.092	29.420	28.777	57.5	62.3	73.0	52.4	62.7	92	32	54	57	89	83	.444	.488	3.33	.86	5.5	4.7	5.6
October	29.105	29.499	28.783	43.7	50.1	61.8	38.9	50.4	80	29	40	45	88	84	.259	.314	3.44	1.16	4.1	3.6	4.3
November	29.041	29.419	28.530	35.6	38.5	46.1	31.1	38.6	67	19	31	34	85	82	.182	.202	2.86	1.13	6.9	6.6	6.4
December	28.985	29.407	28.462	28.8	30.1	38.1	23.9	31.0	57	9	24	25	82	80	.134	.142	1.20	.36	6.6	6.1	6.9
Year	29.058	29.705	28.218	40.4	45.4	54.0	34.6	44.3	92	−25	36	39	84	78	.266	.296	33.50	1.84	6.0	5.3	5.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

KNOXVILLE, TENN.

[H=996 ft.; h_t=93 ft.; h_r=84 ft.; h_a=100 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	5.3	SW.	26	W.	0	8	15	4	3	0	18	6	7	1	11	8	12	9	8	9	5	0	0	8	0	23	0	0
February	5.9	NE.	33	SW.	0	5	15	8	2	2	11	13	2	0	4	14	11	10	8	9	2	0	1	4	0	21	2	0
March	5.4	NE.	25	SW.	0	9	18	3	2	6	15	4	4	1	7	8	16	15	14	3	1	0	0	0	0	7	0	0
April	5.6	SW.	31	W.	0	2	9	9	5	9	17	4	5	0	6	13	11	13	11	0	0	0	0	0	0	0	8	0
May	4.6	E.	30	NW.	0	5	12	14	4	6	13	6	2	0	8	18	5	16	14	0	0	0	1	0	0	0	10	0
June	5.0	NE.	21	SW.	0	4	21	6	1	5	17	6	0	0	8	13	9	14	10	0	0	0	0	0	1	0	12	0
July	4.3	SW.	25	N.	0	4	10	9	6	8	20	2	3	0	4	20	7	14	11	0	0	0	1	0	5	0	12	0
August	4.6	SW.	38	NW.	0	4	10	5	1	11	26	1	4	0	2	15	14	10	7	0	0	1	1	0	3	0	9	0
September	4.4	NE.	23	SW.	0	10	27	4	4	3	8	4	0	0	11	11	8	7	6	0	0	0	0	0	11	0	4	0
October	3.7	NE.	16	N.	0	6	36	4	2	3	5	2	2	2	16	6	9	5	4	0	0	0	1	0	0	0	1	0
November	4.7	SW.	25	SW.	0	5	10	6	2	3	20	6	6	2	17	6	7	5	5	2	1	0	1	0	0	12	1	0
December	4.4	NE.	24	W.	0	4	22	4	3	1	13	11	4	0	9	8	14	13	11	4	2	0	0	1	0	20	1	0
Year	4.8	NE.	38	NW.	0	66	205	76	35	57	183	65	39	6	103	140	123	131	109	27	11	1	6	13	20	83	60	0

LA CROSSE, WIS.

[H=714 ft.; h_t=11 ft.; h_r=3 ft.; h_a=48 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	4.8	S.	24	NW.	0	3	1	1	6	6	4	4	6	0	12	10	9	13	8	17	13	0	0	31	0	31	0	0
February	5.8	S.	24	NW.	0	5	0	1	3	9	1	7	3	0	7	5	17	6	3	15	6	0	0	21	0	29	0	0
March	5.8	S.	21	SW.	0	5	1	1	7	10	1	0	6	0	14	5	12	9	6	9	7	0	0	15	0	30	0	0
April	7.6	S.	32	SW.	0	1	2	2	7	8	4	0	6	0	11	5	14	10	7	3	2	1	0	0	0	5	7	0
May	5.6	S.	25	E.	0	3	4	0	3	12	4	2	3	0	8	7	16	16	15	0	0	3	0	0	0	0	12	0
June	4.2	S.	16	NE.	0	5	1	1	2	11	5	3	2	0	14	6	10	8	5	0	0	0	0	0	4	0	4	0
July	4.4	SE.	32	SW.	0	1	0	2	9	7	4	1	7	0	9	13	9	13	9	0	0	1	0	0	6	0	12	0
August	3.8	S.	14	S.	0	4	0	2	4	8	2	6	4	1	5	13	13	13	11	0	0	1	0	0	1	0	10	0
September	3.4	S.	15	S.	0	4	1	0	3	11	7	2	2	0	9	12	9	11	8	0	0	0	3	0	3	1	5	0
October	4.8	S.	26	SW.	0	4	0	0	5	10	4	1	6	1	19	2	10	7	3	0	0	0	1	0	0	6	1	0
November	5.4	S.	21	S.	0	2	0	0	1	16	2	3	6	0	10	4	16	2	2	5	0	0	0	1	0	21	0	0
December	6.2	S.	21	NW.	0	1	0	1	5	9	4	4	7	0	9	10	12	10	5	11	5	0	0	9	0	28	1	0
Year	5.2	S.	32	SW.	0	38	10	11	55	117	42	33	58	2	127	92	147	118	82	60	33	6	4	77	14	151	52	0

LANDER, WYO.

[H=5,372 ft.; h_t=60 ft.; h_r=54 ft.; h_a=68 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	2.8	NE.	19	NW.	0	6	17	9	4	6	9	4	5	2	15	13	3	2	2	5	2	0	0	13	0	31	0	0
February	2.7	NE.	26	N.	0	7	10	6	4	12	4	3	11	1	8	16	5	7	7	10	7	0	0	16	0	29	0	0
March	3.0	NE.	27	W.	0	3	14	13	12	5	2	2	8	3	14	11	6	10	8	12	10	0	0	19	0	31	0	0
April	6.5	SW.	54	SW.	2	4	2	3	8	9	15	9	10	0	12	10	8	6	4	7	4	0	0	0	0	24	2	0
May	7.0	SW.	42	SW.	1	7	3	7	5	3	18	12	7	0	9	15	7	10	6	5	5	0	0	0	0	11	2	0
June	5.6	SW.	44	SW.	1	0	3	5	9	2	19	15	7	0	11	12	7	10	6	2	0	0	0	0	0	0	8	0
July	5.5	SW.	37	SW.	0	4	8	4	1	5	13	14	13	0	8	15	8	8	6	0	0	0	0	0	2	0	10	0
August	5.7	W.	46	SW.	3	2	5	4	5	4	8	26	8	0	15	13	3	7	4	0	0	0	0	0	1	0	7	0
September	5.4	SW.	36	S.	0	2	12	4	10	5	14	9	4	0	8	11	11	10	9	6	5	0	0	0	0	14	4	0
October	4.7	SW.	54	SW.	4	3	2	4	6	12	19	9	6	1	18	5	8	9	9	7	7	0	0	1	0	25	0	0
November	4.2	SW.	33	SW.	0	2	3	7	4	10	19	11	3	1	8	12	10	4	2	4	4	0	0	2	0	29	0	0
December	5.2	SW.	48	SW.	1	3	3	3	3	6	21	15	8	0	15	10	6	4	3	6	4	0	0	12	0	31	0	0
Year	4.9	SW.	54	SW.	12	43	82	69	71	79	161	129	90	8	141	143	82	87	66	64	48	0	0	63	3	225	33	0

LANSING, MICH.

[H=878 ft.; h_t=11 ft.; h_r=3 ft.; h_a=62 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	4.9	W.	18	SW.	0	2	1	6	3	11	9	18	12	0	4	8	19	13	6	24	13	0	0	30	0	31	0	0
February	6.3	SW.	29	NE.	0	4	6	2	4	8	12	14	8	0	4	12	13	16	7	21	15	0	0	20	0	28	0	0
March	6.6	NE.	22	NE.	0	2	19	4	5	7	11	7	7	0	9	12	10	8	7	10	7	0	1	14	0	30	1	0
April	9.2	SW.	32	SE	0	4	9	8	3	8	13	3	12	0	11	7	12	13	10	3	1	1	0	0	0	13	3	0
May	7.3	SW.	26	N.	0	3	7	7	12	13	6	9	5	0	10	9	12	15	12	0	0	1	1	0	0	0	12	0
June	5.1	SW.	22	NW.	0	5	7	6	4	5	15	10	8	0	13	11	6	7	4	0	0	0	0	0	0	0	5	0
July	4.7	SW.	20	S.	0	10	6	2	7	11	9	2	12	3	4	13	14	14	11	0	0	0	2	0	1	0	11	0
August	5.0	NW.	22	S.	0	6	8	4	8	12	7	11	6	0	9	7	15	14	8	0	0	0	2	0	0	0	8	0
September	4.4	SW.	22	NW.	0	5	5	6	11	8	12	6	7	0	11	5	14	13	11	0	0	0	2	0	4	1	6	0
October	6.1	SW.	28	W.	0	3	2	4	6	11	20	4	11	1	17	3	11	10	9	1	1	0	3	0	0	7	4	0
November	7.9	SW.	25	SW.	0	3	0	0	3	13	19	14	8	0	9	5	16	11	9	10	6	0	0	2	0	19	2	0
December	9.4	SW.	28	W.	0	0	1	2	2	12	27	14	4	0	7	7	17	16	8	14	7	0	0	8	0	24	0	0
Year	6.4	SW.	32	SE.	0	47	71	51	68	119	160	112	100	4	108	99	159	150	102	83	50	2	11	74	5	153	52	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

LA SALLE, ILL.

[ϕ=41° 20′ N.; λ=89° 5′ 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	29.565	30.064	29.109	6.2	.....	16.5	2.4	9.4	39	−16	3	....	86	....	0.054	.....	0.13	0.06	5.8	.....	5.9
February	29.467	29.893	28.829	16.4	.....	26.9	13.6	20.2	50	− 7	13	....	85	....	.089	.....	.73	.41	5.6	.....	6.6
March	29.604	30.118	29.086	23.0	.....	35.8	20.0	27.9	62	2	19	....	85	....	.112	.....	1.47	.60	6.1	.....	5.9
April	29.405	29.803	29.060	44.5	.....	60.6	40.6	50.6	74	31	38	....	79	....	.239	.....	2.98	1.20	4.0	.....	5.1
May	29.345	29.707	28.893	58.1	.....	74.9	53.1	64.0	88	38	51	....	78	....	.388	.....	3.73	1.19	5.0	.....	5.0
June	29.490	29.839	28.969	61.6	.....	79.6	56.6	68.1	92	41	54	....	78	....	.432	.....	2.77	1.18	4.0	.....	3.8
July	29.458	29.765	29.216	68.3	.....	85.5	63.4	74.4	96	51	63	....	83	....	.586	.....	2.40	1.08	4.5	.....	4.7
August	29.392	29.736	29.120	64.9	.....	80.9	61.3	71.1	95	46	60	....	85	....	.536	.....	4.35	2.85	5.1	.....	5.4
September	29.468	29.881	29.227	59.5	.....	76.6	56.3	66.4	97	35	55	....	85	....	.461	.....	2.54	1.06	3.8	.....	4.6
October	29.520	29.875	29.123	45.5	.....	65.2	42.7	54.0	85	27	41	....	85	....	.268	.....	4.62	1.42	3.8	.....	3.5
November	29.498	29.938	29.072	35.8	.....	50.6	33.0	41.8	70	19	30	....	80	....	.174	.....	1.54	1.06	3.0	.....	4.7
December	29.437	29.975	28.928	28.4	.....	40.5	24.4	32.4	57	3	23	....	78	....	.129	.....	.98	.48	5.7	.....	5.0
Year	29.471	30.118	28.829	42.7	.....	57.8	39.0	48.4	97	−16	38	....	82	....	.289	.....	28.24	2.85	4.7	.....	5.0

LEWISTON, IDAHO.

[ϕ=46° 25′ N.; λ=117° 2′ W.]

January	29.304	29.792	28.712	31.1	.....	40.4	27.7	34.0	54	− 6	29	....	90	....	0.169	.....	1.99	0.64	8.6	.....	8.4
February	29.362	29.765	28.995	35.3	.....	47.6	33.3	40.4	59	25	32	....	87	....	.180	.....	2.36	.97	6.4	.....	6.8
March	29.201	29.590	28.935	33.5	.....	52.4	32.1	42.2	70	22	29	....	82	....	.161	.....	1.04	.51	5.2	.....	5.6
April	29.123	29.389	28.559	41.7	.....	62.7	40.4	51.6	77	31	38	....	87	....	.232	.....	1.66	.39	6.1	.....	7.1
May	29.191	29.547	28.755	48.6	.....	71.7	47.5	59.6	88	41	45	....	87	....	.298	.....	2.66	1.12	5.7	.....	6.1
June	29.154	29.460	28.900	55.8	.....	82.7	54.4	68.6	103	44	50	....	81	....	.363	.....	.43	.29	5.5	.....	5.2
July	29.162	29.428	28.900	58.2	.....	85.5	57.3	71.4	101	48	50	....	77	....	.368	.....	.24	.14	5.0	.....	5.2
August	29.136	29.366	28.873	56.4	.....	82.3	54.9	68.6	98	42	50	....	80	....	.365	.....	1.25	.51	4.3	.....	5.1
September	29.244	29.557	28.863	46.8	.....	73.8	45.4	59.6	83	38	42	....	86	....	.275	.....	.98	.45	3.2	.....	4.1
October	29.273	29.629	28.744	40.3	.....	60.2	37.7	49.0	72	28	37	....	88	....	.221	.....	.90	.36	3.4	.....	6.0
November	29.305	29.767	28.880	37.8	.....	50.3	35.5	42.9	60	28	34	....	87	....	.199	.....	.80	.22	7.6	.....	8.8
December	29.355	29.823	28.708	34.0	.....	44.7	30.6	37.6	61	21	28	....	79	....	.153	.....	.45	.17	7.0	.....	6.8
Year	29.234	29.823	28.559	43.3	.....	62.9	41.4	52.1	103	− 6	39	....	84	....	.249	.....	14.76	1.12	5.7	.....	6.3

LEXINGTON, KY.

[ϕ=38° 2′ N.; λ=84° 33′ W.]

January	29.021	29.376	28.602	20.2	.....	31.7	14.6	23.2	52	−11	16	....	82	....	0.097	.....	1.78	0.78	6.6	.....	6.1
February	28.941	29.350	27.988	23.3	.....	35.8	19.3	27.6	58	− 9	18	....	80	....	.113	.....	2.50	1.25	7.2	.....	7.6
March	29.025	29.516	28.341	35.5	.....	47.3	31.3	39.3	73	17	32	....	88	....	.194	.....	4.36	1.47	7.2	.....	7.4
April	28.954	29.350	28.390	51.8	.....	66.2	47.0	56.6	80	33	44	....	77	....	.314	.....	6.89	2.41	6.1	.....	6.0
May	28.917	29.267	28.502	60.8	.....	74.1	55.6	64.8	86	42	55	....	81	....	.434	.....	5.11	2.22	5.4	.....	5.2
June	29.005	29.322	28.671	65.8	.....	78.7	59.8	69.2	87	46	59	....	78	....	.506	.....	2.15	.55	5.4	.....	6.1
July	29.005	29.208	28.772	71.4	.....	84.0	66.6	75.3	93	60	67	....	86	....	.667	.....	4.70	1.77	5.8	.....	6.1
August	28.960	29.190	28.730	68.0	.....	80.6	63.7	72.2	88	51	63	....	86	....	.597	.....	3.23	.85	6.0	.....	5.9
September	28.989	29.240	28.798	63.9	.....	79.0	60.1	69.6	91	41	59	....	85	....	.529	.....	2.09	.65	3.5	.....	4.1
October	29.058	29.364	28.936	52.0	.....	69.6	48.5	59.0	85	35	45	....	78	....	.317	.....	.51	.29	4.0	.....	4.0
November	29.080	29.410	28.739	37.8	.....	53.7	35.3	44.5	72	20	31	....	75	....	.177	.....	1.02	.62	4.9	.....	5.3
December	29.038	29.429	28.530	32.3	.....	43.7	28.0	35.8	64	11	27	....	79	....	.161	.....	3.66	1.38	4.6	.....	5.9
Year	28.999	29.516	27.988	48.6	.....	62.0	44.2	53.1	93	−11	43	....	81	....	.342	.....	38.00	2.41	5.6	.....	5.8

LINCOLN, NEBR.

[ϕ=40° 49′ N.; λ=96° 45′ W.]

January	28.848	29.417	28.301	7.4	14.5	20.8	3.6	12.2	47	−26	3	10	82	81	0.061	0.080	0.07	0.06	4.5	5.3	4.7
February	28.795	29.261	28.318	20.6	27.5	32.3	17.1	24.7	51	− 7	17	22	83	77	.099	.122	1.31	.74	7.2	6.5	7.5
March	28.848	29.315	28.419	21.3	30.9	35.0	17.7	26.4	69	− 2	18	24	85	76	.106	.135	2.06	.51	5.6	5.0	6.1
April	28.637	29.063	28.036	45.1	57.9	62.9	42.9	52.9	80	30	38	38	77	51	.238	.240	2.50	1.93	5.7	6.8	6.6
May	28.589	29.040	28.177	56.7	73.0	78.7	52.4	65.6	98	36	48	48	73	42	.348	.345	.96	.36	5.0	4.9	5.0
June	28.767	29.120	28.198	60.3	74.2	79.7	57.0	68.4	97	47	52	52	76	50	.406	.402	2.99	1.96	5.3	5.1	5.4
July	28.705	29.028	28.448	70.0	84.1	91.2	66.8	79.0	104	50	61	60	75	48	.544	.539	2.18	.56	5.7	3.9	4.7
August	28.654	28.958	28.428	66.6	80.3	86.9	63.9	75.4	102	55	60	61	80	53	.520	.545	4.16	2.45	5.7	3.5	4.6
September	28.740	29.214	28.401	56.0	65.9	73.5	53.2	63.4	99	33	51	53	84	66	.403	.434	3.04	.85	5.6	5.8	5.8
October	28.755	29.136	28.255	46.0	57.8	66.7	43.5	55.1	89	28	39	41	78	56	.250	.272	2.74	1.62	3.0	4.0	3.8
November	28.801	29.349	28.355	34.5	46.0	55.3	32.0	43.6	71	16	28	29	75	53	.154	.166	.38	.36	3.9	2.3	4.4
December	28.725	29.235	28.200	26.2	34.8	44.8	21.4	33.1	61	6	19	21	72	56	.105	.113	.62	.01	3.1	2.8	3.5
Year	28.739	29.417	28.036	42.6	53.9	60.6	39.3	50.0	104	−26	36	38	78	59	.270	.283	22.39	2.45	5.0	4.7	5.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

LA SALLE ILL.

[H=536 ft.; h_t=56 ft.; h_r=49 ft.; h_a=64 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	8.7	W.	26	W.	0	3	5	2	2	0	5	7	7	0	10	9	12	5	1	17	4	0	0	27	0	31	0	0
February	9.1	W.	33	NE.	0	3	4	0	2	2	5	11	2	0	7	8	14	7	6	12	6	0	2	18	0	28	0	0
March	8.7	NE.	32	NE.	0	2	10	4	2	1	4	6	2	0	5	17	9	8	6	11	7	0	0	11	0	27	0	0
April	11.3	SW.	37	SW.	0	2	6	2	1	4	7	4	4	0	11	9	10	9	9	2	2	0	1	0	0	5	2	0
May	9.0	SW.	39	SW.	0	3	5	3	4	3	9	1	3	0	12	10	9	13	9	0	0	0	0	0	0	0	13	0
June	6.5	NE.	27	NE.	0	3	5	5	2	2	5	5	3	0	16	9	5	10	6	0	0	0	0	0	3	0	9	0
July	6.6	SW.	28	NW.	0	3	6	6	1	3	5	3	4	0	14	9	8	9	9	0	0	0	1	0	9	0	8	0
August	6.6	SW.	25	SW.	0	0	3	6	3	0	10	6	3	0	9	13	9	6	6	0	0	0	1	0	4	0	6	0
September	5.7	SW.	24	SW.	0	2	5	3	3	5	6	2	3	1	14	6	10	8	8	0	0	0	0	0	8	0	7	0
October	6.8	SW.	39	SW.	0	0	5	2	5	2	6	6	5	0	19	5	7	9	8	0	0	0	5	0	0	2	4	0
November	8.8	SW.	31	SW.	0	2	0	1	0	2	9	11	4	1	11	13	6	5	4	2	0	0	1	0	0	15	1	0
December	10.5	W.	35	SW.	0	0	1	0	1	2	12	13	2	0	10	9	12	8	7	7	0	0	0	4	0	26	0	0
Year	8.2	SW.	39	SW.	0	23	55	34	26	26	83	75	42	2	138	117	111	97	79	51	19	0	11	60	24	134	50	0

LEWISTON, IDAHO.

[H=757 ft.; h_t=40 ft.; h_r=32 ft.; h_a=48 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	4.8	E.	27	W.	0	0	4	13	2	2	2	3	1	4	2	3	26	11	9	5	2	0	0	8	0	14	0	0
February	5.1	E.	31	W.	0	1	1	17	3	1	4	2	0	0	6	6	17	14	7	2	2	0	0	0	0	11	0	0
March	4.5	E.	40	W.	1	2	5	17	1	1	1	1	0	3	10	8	13	10	6	3	3	0	0	0	0	17	0	0
April	5.2	E.	31	W.	0	0	3	17	4	1	2	0	1	2	5	6	19	11	10	0	0	1	0	0	0	1	1	0
May	4.6	E.	35	NW.	0	0	1	20	3	4	3	0	0	0	8	8	15	10	8	0	0	0	0	0	0	0	0	0
June	5.4	E.	75	W.	1	1	3	15	2	0	2	1	4	2	11	7	12	6	3	0	0	0	0	0	8	0	3	0
July	4.8	E.	40	W.	1	0	1	23	2	0	1	1	0	3	14	6	11	4	2	0	0	1	0	0	10	0	4	0
August	5.1	E.	48	W.	2	1	1	17	3	2	0	2	1	4	14	4	13	9	8	0	0	0	0	0	8	0	2	0
September	4.1	E.	55	W.	1	1	0	17	3	4	0	2	1	2	16	6	8	4	4	0	0	0	0	0	0	0	0	0
October	4.5	E.	45	W.	2	1	1	7	4	5	4	1	0	8	9	4	18	9	3	0	0	0	0	0	0	4	0	0
November	4.2	E.	41	W.	1	1	4	14	2	4	3	0	1	1	0	4	26	12	7	1	1	0	1	0	0	11	0	0
December	4.7	NE.	35	S.	0	0	10	5	5	1	3	3	0	4	6	10	15	8	4	3	2	0	0	0	0	18	0	0
Year	4.8	E.	75	W.	9	8	34	182	34	25	25	16	9	33	101	72	193	108	71	14	10	2	1	8	26	76	10	0

LEXINGTON, KY.

[H=989 ft.; h_t=75 ft.; h_r=68 ft.; h_a=102 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	12.1	W.	46	W.	1	3	3	1	4	7	2	9	2	0	11	3	17	12	7	13	9	0	1	15	0	29	0	0
February	11.6	W.	50	W.	1	1	6	1	4	8	2	5	2	0	6	2	21	9	7	9	2	0	2	11	0	24	4	0
March	10.4	SE.	38	SW.	0	5	5	3	8	2	4	1	2	1	6	5	20	17	16	10	6	0	4	5	0	19	1	0
April	12.1	S.	60	W.	3	0	0	4	9	7	4	4	2	0	9	7	14	14	13	0	0	1	0	0	0	0	10	0
May	9.5	SW.	36	S.	0	2	1	6	2	11	5	2	2	0	13	5	13	13	11	0	0	0	0	0	0	0	11	0
June	8.1	SW.	32	SW.	0	0	6	4	5	4	7	2	1	1	7	9	14	10	9	0	0	0	0	0	0	0	12	0
July	7.8	SW.	27	SW.	0	1	2	2	4	12	6	0	2	2	5	11	15	11	8	0	0	0	0	0	2	0	15	0
August	8.6	SW.	43	NW.	1	2	4	2	4	3	12	3	1	0	7	13	11	15	13	0	0	0	0	0	0	0	10	0
September	7.8	SE.	42	NW.	1	2	5	5	7	3	2	3	3	0	15	8	7	9	7	0	0	0	2	0	4	0	3	0
October	9.0	S.	35	S.	0	0	3	4	5	9	3	2	5	0	15	10	6	3	2	0	0	0	0	0	0	0	0	0
November	12.0	W.	41	NW.	1	0	0	0	0	14	6	6	4	0	11	7	12	5	3	1	1	0	0	0	0	11	0	0
December	11.8	S.	41	SE.	1	0	0	1	2	13	5	8	2	0	12	3	16	12	11	6	2	0	1	4	0	24	0	0
Year	10.1	S.	60	W.	9	16	35	33	54	93	58	45	28	4	117	83	166	130	107	39	20	1	10	35	6	107	66	0

LINCOLN, NEBR.

[H=1,189 ft.; h_t=11 ft.; h_r=4 ft.; h_a=84 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.5	NE.	48	NW.	1	11	14	4	1	9	8	5	10	0	15	5	11	3	1	13	3	0	0	23	0	31	0	0
February	11.0	N.	48	NE.	1	17	8	2	6	12	3	3	7	0	2	11	16	7	4	14	6	0	0	15	0	26	0	0
March	10.4	N.	38	NE.	0	12	11	5	9	11	3	3	8	0	10	6	15	8	6	12	8	0	0	17	0	27	0	0
April	14.2	S.	46	S.	3	8	5	5	12	14	6	2	8	0	8	6	16	8	6	0	0	0	0	0	0	3	4	0
May	12.9	N.	48	NW.	2	13	9	3	10	10	4	6	7	0	11	12	8	7	5	0	0	0	0	0	3	0	6	0
June	8.6	S.	32	NE.	0	5	10	4	10	20	3	4	4	0	8	13	9	11	9	0	0	0	1	0	6	0	8	0
July	10.8	S.	54	NW.	2	7	14	2	11	22	4	1	1	0	11	15	5	10	9	0	0	2	0	0	19	0	13	0
August	9.1	E.	46	NW.	1	7	7	15	12	8	5	2	6	0	11	14	6	10	8	0	0	0	0	0	13	0	13	0
September	10.5	S.	38	W.	0	8	10	3	8	17	2	5	7	0	10	6	14	14	12	0	0	0	0	0	6	0	8	0
October	10.7	S.	36	NW.	0	12	5	2	13	15	4	2	9	0	18	5	8	9	6	1	1	0	0	0	0	2	4	0
November	10.9	S.	39	NW.	0	8	4	2	2	15	9	9	11	0	11	14	5	1	1	1	0	0	0	0	0	19	1	0
December	11.7	NW.	42	NW.	2	6	2	1	4	13	11	8	17	0	17	9	5	2	0	5	1	0	0	3	0	30	0	0
Year	10.9	S.	54	NW.	12	114	99	48	98	166	62	50	95	0	132	116	118	90	67	46	19	2	1	58	47	138	57	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

LITTLE ROCK, ARK.

[ϕ=34° 45′ N.; λ=92° 6′ 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	29.763	30.167	29.308	30.7	38.9	44.9	25.4	35.2	69	− 2	26	26	82	60	0.155	0.156	3.54	1.56	3.7	5.0	4.7
February	29.682	30.209	29.141	32.2	42.2	48.7	29.1	38.9	65	6	26	26	75	53	.147	.150	2.74	1.02	4.6	4.4	5.1
March	29.709	30.161	29.038	41.2	49.6	54.1	39.1	46.6	79	27	37	39	84	69	.232	.252	9.05	2.02	6.9	7.3	6.8
April	29.612	30.059	29.217	56.9	66.1	70.9	54.6	62.8	84	42	49	51	78	63	.372	.402	10.76	2.28	6.3	6.1	5.9
May	29.575	29.936	29.186	64.0	74.7	79.9	61.1	70.5	91	49	58	58	82	58	.497	.496	1.81	.56	4.4	4.5	4.8
June	29.640	29.835	29.220	68.2	77.4	82.1	65.6	73.8	90	58	62	62	82	62	.570	.572	3.84	2.50	5.1	5.2	5.4
July	29.640	29.812	29.495	75.4	84.7	91.0	73.0	82.0	99	68	71	71	86	65	.758	.767	1.93	.42	3.0	6.5	4.6
August	29.623	29.802	29.430	72.1	81.3	87.8	70.2	79.0	94	58	68	69	89	68	.704	.722	4.98	1.48	4.1	4.8	4.9
September	29.629	29.952	29.413	67.0	78.1	84.5	65.1	74.8	96	50	62	61	83	57	.573	.554	2.59	1.90	2.4	2.4	3.1
October	29.695	30.002	29.370	56.2	68.8	74.8	54.6	64.7	90	43	50	52	82	57	.382	.412	3.87	2.67	3.7	3.0	3.3
November	29.825	30.167	29.513	44.2	55.9	61.4	42.3	51.8	77	26	38	38	77	52	.237	.244	.63	.62	3.9	1.2	2.9
December	29.763	30.221	29.378	37.4	47.6	52.3	34.3	43.3	68	23	31	31	77	53	.178	.188	2.22	1.56	5.6	4.0	5.5
Year	29.680	30.221	29.038	53.8	63.8	69.4	51.2	60.3	99	− 2	48	49	81	60	.400	.410	47.96	2.67	4.5	4.5	4.8

LOS ANGELES, CAL.

[ϕ=34° 3′ N.; λ=118° 15′ W.]

January	29.709	29.856	29.473	52.0	61.5	69.2	48.9	59.0	87	42	37	41	61	51	0.228	0.270	0.07	0.05	3.8	4.2	3.8
February	29.661	29.827	29.348	52.3	63.8	70.2	49.4	59.8	82	43	34	37	55	42	.211	.236	0	0	2.8	3.3	2.9
March	29.608	29.830	29.006	49.7	57.0	60.9	47.6	54.2	68	43	45	45	84	64	.299	.298	6.99	2.04	5.6	5.5	6.1
April	29.652	29.845	29.406	50.9	59.4	63.7	49.1	56.4	76	44	45	46	83	62	.306	.308	1.66	.70	6.9	4.4	5.4
May	29.605	29.733	29.356	55.3	65.9	71.6	54.2	62.9	86	50	50	50	85	59	.371	.369	.12	.10	5.6	4.1	4.6
June	29.560	29.688	29.328	57.9	68.5	74.4	56.3	65.4	83	52	54	54	88	61	.425	.417	0	0	6.8	1.6	3.9
July	29.587	29.691	29.465	61.1	72.3	78.6	59.1	68.8	92	55	56	56	86	57	.459	.445	T.	T.	6.1	2.4	3.6
August	29.553	29.727	29.405	61.2	72.7	79.0	59.5	69.2	88	52	57	57	87	60	.470	.471	0	0	6.7	0.8	2.7
September	29.545	29.662	29.386	60.4	71.0	78.9	58.5	68.7	100	54	55	55	83	61	.433	.442	0	0	4.4	1.6	2.6
October	29.591	29.723	29.277	58.3	67.1	74.4	56.1	65.2	92	49	46	48	69	56	.324	.344	.56	.44	3.7	3.5	4.3
November	29.689	29.861	29.438	58.2	65.3	76.3	53.9	65.1	86	47	34	40	45	46	.207	.267	.35	.20	1.5	2.7	2.7
December	29.760	30.017	29.507	50.3	59.2	66.9	46.4	56.6	82	38	29	34	46	45	.170	.217	.03	.02	1.8	2.3	2.1
Year	29.627	30.017	29.006	55.6	65.3	72.0	53.2	62.6	100	38	45	47	73	55	.325	.340	9.78	2.04	4.6	3.0	3.7

LOUISVILLE, KY.

[ϕ=38° 15′ N.; λ=85° 45′ W.]

January	29.548	29.939	29.114	21.3	27.2	32.8	16.7	24.8	54	− 8	14	18	72	68	0.089	0.111	3.45	1.15	6.9	4.1	5.7
February	29.471	29.884	28.596	24.7	31.5	37.1	20.4	28.8	57	− 5	19	20	76	62	.110	.117	2.74	1.50	7.1	4.9	6.9
March	29.542	30.066	28.815	36.2	42.3	47.8	32.5	40.2	77	19	31	33	81	70	.184	.195	5.70	1.14	6.6	6.3	7.2
April	29.441	29.878	28.899	54.1	62.3	68.8	49.6	59.2	85	36	44	44	70	55	.305	.315	8.60	2.95	5.9	5.8	6.0
May	29.390	29.752	28.989	63.6	71.4	78.4	58.3	68.4	90	42	54	53	72	55	.425	.420	3.61	1.58	5.3	4.4	5.2
June	29.484	29.812	29.062	66.9	75.9	82.0	61.6	71.8	92	51	57	56	70	52	.472	.463	3.49	2.35	6.1	5.2	5.8
July	29.475	29.677	29.218	73.9	80.0	88.0	69.5	78.8	95	62	67	67	79	66	.666	.676	4.68	1.33	5.2	5.2	5.8
August	29.434	29.674	29.126	69.7	78.0	84.5	66.2	75.4	93	52	64	65	82	65	.602	.632	5.06	1.00	5.5	4.3	5.4
September	29.474	29.768	29.268	64.8	74.1	82.3	61.9	72.1	95	43	59	60	83	63	.534	.554	3.03	.79	3.3	3.1	3.7
October	29.538	29.874	29.104	52.1	63.9	71.6	49.4	60.5	86	36	46	47	81	55	.325	.341	2.43	1.29	4.7	2.4	4.4
November	29.589	29.926	29.265	40.4	49.6	56.0	38.7	47.4	74	23	32	30	71	49	.183	.180	.65	.45	3.9	3.3	4.7
December	29.546	29.997	29.054	33.8	40.0	46.3	30.7	38.5	65	14	27	27	75	60	.157	.161	2.52	.78	5.1	4.7	5.5
Year	29.494	30.066	28.596	50.1	58.0	64.6	46.3	55.5	95	− 8	43	43	76	60	.338	.347	45.96	2.95	5.5	4.5	5.5

LYNCHBURG, VA.

[ϕ=37° 25′ N.; λ=79° 9′ W.]

January	29.328	29.773	28.916	24.6	30.5	36.9	21.0	29.0	59	− 7	17	21	71	67	0.101	0.115	1.85	0.98	6.3	4.3	6.4
February	29.234	29.661	28.284	28.0	36.8	42.9	25.8	34.4	61	12	21	28	74	70	.119	.158	3.36	1.28	5.5	3.8	5.4
March	29.365	29.835	28.746	38.3	47.6	54.9	35.1	45.0	81	19	33	39	81	72	.190	.251	8.54	2.49	5.7	4.7	5.9
April	29.295	29.776	28.687	53.1	63.0	70.2	47.9	59.0	82	34	45	50	76	63	.323	.372	1.89	.64	5.9	4.3	5.6
May	29.243	29.551	28.904	62.0	69.6	77.0	55.3	66.2	90	43	54	55	74	63	.421	.450	4.95	2.78	4.6	4.4	4.5
June	29.313	29.685	29.082	68.1	73.3	82.0	61.3	71.6	95	45	60	62	76	70	.534	.572	2.35	.65	5.0	6.4	5.2
July	29.315	29.640	28.943	72.1	78.2	86.9	67.5	77.2	93	59	66	67	81	69	.636	.661	3.64	.82	4.9	5.5	5.0
August	29.259	29.514	28.907	69.4	77.3	85.7	64.6	75.2	95	51	62	64	79	64	.570	.599	1.28	.41	5.6	4.1	4.8
September	29.314	29.648	29.136	66.4	72.5	81.5	62.5	72.0	96	47	62	62	86	72	.565	.572	6.98	4.10	4.9	4.4	5.2
October	29.359	29.724	29.061	50.8	60.0	71.4	47.5	59.4	90	34	46	51	85	74	.324	.395	.96	.47	3.3	2.3	4.4
November	29.355	29.768	28.854	39.7	47.8	59.1	35.8	47.4	79	23	32	36	76	64	.192	.224	2.72	1.94	3.6	2.5	4.9
December	29.344	29.786	28.893	34.7	43.4	50.7	32.0	41.4	73	18	28	32	75	65	.162	.192	2.36	.59	4.6	4.5	6.2
Year	29.310	29.835	28.284	50.6	58.3	66.6	46.4	56.5	96	− 7	44	47	78	68	.346	.380	40.88	4.10	5.0	4.3	5.3

Annual meteorological summary for the year ending December 31, 1912—Continued.

LITTLE ROCK, ARK.

[H=357 ft.; h_t=139 ft.; h_r=132 ft.; h_a=147 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	9.8	NW.	34	NW	0	8	8	5	6	4	13	9	9	0	14	8	9	6	5	4	1	0	3	5	0	23	1	0
February	9.9	NW.	40	SW.	2	4	14	8	3	3	10	4	12	0	11	9	9	7	6	3	1	1	1	1	0	18	4	0
March	10.4	E.	33	S.	0	10	9	13	8	3	9	5	5	0	9	3	19	16	12	0	0	0	0	0	0	9	5	0
April	10.0	E.	40	S.	1	3	4	11	10	13	7	5	7	0	9	10	11	15	13	0	0	0	1	0	0	0	10	0
May	8.9	SW.	35	SW.	0	1	8	6	8	14	14	3	8	0	15	5	11	7	6	0	0	0	0	0	1	0	4	0
June	7.8	E.	36	SW.	0	4	9	13	6	9	6	4	8	1	9	8	13	11	10	0	0	0	0	0	0	0	11	0
July	6.9	S.	34	NE.	0	3	3	10	5	20	16	1	3	1	13	13	5	9	7	0	0	0	0	0	21	0	8	0
August	7.8	SW.	33	SW.	0	0	5	6	6	12	24	3	3	3	15	7	9	11	7	0	0	0	1	0	12	0	10	0
September	7.1	NE.	40	W.	1	7	13	9	7	6	5	1	8	4	19	7	4	4	4	0	0	1	0	0	11	0	5	0
October	7.2	E.	32	NW.	0	8	14	13	7	8	3	1	7	1	18	8	5	5	5	0	0	0	0	0	0	0	1	0
November	8.2	NW.	37	SW.	0	6	5	5	8	10	5	8	12	1	18	10	2	3	2	0	0	0	0	0	0	2	0	0
December	8.5	SW.	30	NW.	0	7	10	5	6	9	10	7	7	1	12	6	13	9	5	3	0	0	3	0	0	11	0	0
Year	8.5	SW.	40	S.	4	61	102	104	80	111	122	51	89	12	162	94	110	103	82	10	2	2	9	6	45	63	59	0

LOS ANGELES, CAL.

[H=338 ft.; h_t=159 ft.; h_r=151 ft.; h_a=191 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.1	NE.	24	W.	0	8	19	1	1	2	16	10	5	0	16	10	5	2	1	0	0	0	1	0	0	0	0	0
February	6.9	NE.	42	NW.	1	2	22	1	2	3	19	2	7	0	17	9	3	0	0	0	0	0	0	0	0	0	0	0
March	7.4	NE.	34	SE.	0	1	20	4	6	9	19	2	1	0	6	12	13	13	12	0	0	1	1	0	0	0	2	0
April	6.7	NE.	30	SW.	0	0	21	4	2	8	19	2	4	0	10	11	9	7	5	0	0	0	0	0	0	0	0	0
May	5.9	SW.	29	S.	0	1	10	3	9	6	21	7	5	0	12	13	6	2	1	0	0	0	3	0	0	0	0	0
June	5.7	SW.	21	SE.	0	2	10	3	4	4	27	6	4	0	10	17	3	0	0	0	0	0	3	0	0	0	0	0
July	5.0	SW.	15	S.	0	2	9	5	3	11	18	8	6	0	17	10	4	0	0	0	0	0	2	0	1	0	0	0
August	4.8	S.	15	S.	0	0	6	7	4	23	10	4	7	1	19	12	0	0	0	0	0	0	1	0	0	0	0	0
September	4.9	SW.	22	S.	0	5	9	7	0	8	19	6	5	1	20	9	1	0	0	0	0	0	2	0	3	0	0	0
October	5.8	SW.	26	SW.	0	5	19	5	4	5	20	4	0	0	13	10	8	4	3	0	0	0	0	0	5	0	0	0
November	6.2	NE.	24	N.	0	8	19	1	1	3	13	7	8	0	19	7	4	4	3	0	0	0	1	0	0	0	0	0
December	6.5	NE.	38	NE.	0	3	25	1	4	3	5	15	6	0	23	6	2	2	0	0	0	0	0	0	0	0	0	0
Year	6.0	SW.	42	NW.	1	37	189	42	40	85	206	73	58	2	182	126	58	34	25	0	0	1	14	0	9	0	2	0

LOUISVILLE, KY.

[H=525 ft.; h_t=111 ft.; h_r=103 ft.; h_a=132 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.6	W.	48	W.	1	9	9	3	4	3	13	17	4	0	10	9	12	8	6	10	6	0	0	13	0	28	0	0
February	9.5	W.	38	W.	0	11	8	1	6	5	11	14	2	0	5	9	15	9	8	13	3	0	2	9	0	25	1	0
March	8.0	NE.	30	W.	0	12	17	4	7	1	8	3	10	0	5	6	20	16	14	9	5	0	4	4	0	18	2	0
April	9.2	SW.	42	NW.	1	8	3	1	11	9	16	11	1	0	6	11	13	16	15	0	0	0	0	0	0	0	7	0
May	7.8	SW.	36	W.	0	5	6	5	11	10	19	4	2	0	11	10	10	10	7	0	0	0	0	0	1	0	7	0
June	7.1	SW.	33	SE.	0	17	9	0	2	5	18	9	0	0	6	16	8	8	8	0	0	1	0	0	2	0	8	0
July	6.6	SW.	36	W.	0	5	8	6	5	10	18	4	6	0	8	14	9	14	9	0	0	0	0	0	12	0	18	0
August	7.0	SW.	36	SW.	0	9	5	4	2	13	21	5	3	0	8	16	7	12	11	0	0	0	0	0	7	0	12	0
September	6.2	N.	30	N.	0	17	9	5	5	11	6	5	2	0	15	11	4	9	8	0	0	1	0	0	10	0	7	0
October	6.1	N.	27	SW.	0	14	3	2	5	12	7	9	5	5	14	11	6	6	5	0	0	0	1	0	0	0	1	0
November	8.8	SW.	38	W.	0	2	0	1	2	16	18	13	8	0	16	4	10	3	3	1	0	0	1	0	0	7	1	0
December	8.7	SW.	35	SW.	0	0	3	2	6	11	24	13	3	0	10	10	11	8	7	3	2	0	0	1	0	20	0	0
Year	7.9	SW.	48	W.	2	109	80	34	66	106	179	107	46	5	114	127	125	119	101	36	16	2	8	27	32	98	64	0

LYNCHBURG, VA.

[H=681 ft.; h_t=83 ft.; h_r=77 ft.; h_a=88 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	4.7	NW.	28	NW.	0	5	14	4	3	3	11	2	19	1	7	9	15	10	6	8	7	0	0	11	0	28	0	0
February	4.5	NW.	28	NW.	0	6	14	3	5	4	5	7	12	2	12	9	8	9	8	4	2	0	2	2	0	23	1	0
March	4.2	NW.	27	NW.	0	12	11	3	9	4	1	5	14	3	10	9	12	17	15	5	4	0	2	1	0	13	2	0
April	5.3	SW.	28	NW.	0	3	6	2	8	12	12	1	16	0	9	12	9	10	9	0	0	0	0	0	0	0	4	0
May	4.2	SW.	24	SE.	0	6	8	7	2	13	12	8	6	0	16	11	4	9	8	0	0	0	2	0	1	0	3	0
June	3.6	N.	28	NW.	0	9	8	10	1	9	10	1	12	0	10	17	3	12	10	0	0	0	1	0	5	0	8	0
July	3.7	SW.	22	S.	0	5	4	5	4	9	21	3	11	0	6	24	1	11	10	0	0	0	5	0	7	0	9	0
August	3.5	SW.	34	SE.	0	7	3	6	7	4	11	8	14	2	6	22	3	7	6	0	0	0	2	0	8	0	4	0
September	3.1	NE.	22	NW.	0	6	17	9	10	4	7	1	4	2	10	13	7	11	8	0	0	0	5	0	8	0	4	0
October	3.1	N.	22	NW.	0	25	5	4	5	2	4	2	10	5	19	7	5	6	4	0	0	0	4	0	0	0	0	0
November	4.1	NW.	34	NW.	0	17	2	0	4	1	8	6	22	0	11	13	6	5	5	1	1	0	2	0	0	9	0	0
December	3.9	SW.	24	NW.	0	12	4	2	5	3	15	2	19	0	10	6	15	12	9	2	2	0	1	0	0	20	0	0
Year	4.0	NW.	34	NW.	0	113	96	55	63	68	117	46	159	15	126	152	88	119	98	20	16	0	26	14	29	93	35	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

MACON, GA.

[ϕ=32° 50′ M.; λ=83° 38′ 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	29.714	29.987	29.334	35.8	.....	51.2	32.7	42.0	73	15	30	....	79	....	0.179	.....	4.42	1.73	6.0	.....	5.5
February	29.617	29.939	29.000	36.9	.....	55.0	34.3	44.6	75	20	33	....	85	....	.204	.....	4.46	1.40	5.3	.....	5.0
March	29.704	30.095	29.271	47.9	.....	63.6	44.4	54.0	81	31	43	....	84	....	.298	.....	9.40	2.85	6.7	.....	6.0
April	29.690	30.028	29.388	60.0	.....	75.4	55.6	65.5	84	42	54	....	81	....	.437	.....	8.14	2.37	4.8	.....	5.4
May	29.589	29.925	29.313	68.6	77.4	83.9	62.7	73.3	95	49	61	60	77	58	.549	0.527	3.60	1.44	4.7	4.3	4.2
June	29.649	29.842	29.377	72.1	77.1	84.1	67.5	75.8	94	58	65	66	79	69	.630	.643	8.62	2.95	6.1	6.4	6.6
July	29.664	29.909	29.407	75.6	79.8	88.8	71.8	80.3	96	66	70	71	84	75	.739	.751	6.09	1.84	5.4	5.3	5.6
August	29.647	29.834	29.449	74.0	80.3	88.7	70.8	79.8	96	65	70	70	86	73	.722	.738	2.75	.71	5.7	6.6	5.9
September	29.597	29.799	29.397	72.9	77.5	85.2	70.0	77.6	97	60	70	70	90	80	.722	.743	5.22	2.06	6.0	5.0	6.2
October	29.678	29.922	29.511	59.2	66.8	75.4	56.4	65.9	87	40	56	60	90	79	.472	.530	1.50	.55	5.4	4.3	5.4
November	29.785	30.093	29.357	41.7	54.2	64.4	39.0	51.7	76	25	37	41	84	62	.238	.271	3.75	3.22	2.0	3.1	2.6
December	29.747	30.079	29.403	44.5	51.8	58.3	41.2	49.8	73	28	40	43	86	73	.281	.301	3.91	1.98	6.7	5.6	6.5
Year	29.673	30.095	29.000	57.4	.....	72.8	53.9	63.4	97	15	52	....	84	....	.456	.....	61.86	3.22	5.4	.....	5.4

MADISON, WIS.

[ϕ=43° 5′ N.; λ=89° 23′ W.]

January	29.024	29.561	28.520	−2.1	3.2	8.4	−5.9	1.2	31	−25	−6	−4	80	69	0.035	0.039	0.58	0.20	5.2	4.9	5.5
February	28.950	29.353	28.569	9.9	16.9	21.7	7.4	14.6	41	−19	7	11	87	75	.071	.080	1.50	1.15	5.0	6.2	6.9
March	29.098	29.598	28.619	18.1	26.2	31.2	15.5	23.4	49	− 5	15	18	87	70	.093	.104	1.92	.65	6.9	5.0	5.9
April	28.896	29.251	28.395	40.8	51.3	56.6	36.8	46.7	71	27	33	36	73	57	.194	.217	1.48	.44	5.9	5.5	5.5
May	28.854	29.187	28.385	53.4	61.9	67.9	48.8	58.4	82	36	47	49	79	65	.331	.362	6.57	1.67	6.4	6.2	5.9
June	29.009	29.375	28.433	60.4	68.9	74.1	55.4	64.8	91	47	50	51	70	54	.377	.381	1.13	.66	4.5	4.6	4.5
July	28.982	29.286	28.706	65.6	75.2	80.1	61.5	70.8	92	51	60	60	83	61	.532	.540	5.63	2.53	5.6	4.4	5.0
August	28.908	29.272	28.579	62.2	70.2	75.5	59.1	67.3	89	50	58	60	87	70	.496	.527	3.16	1.04	5.8	5.9	5.6
September	28.983	29.382	28.682	57.5	64.0	70.5	54.6	62.6	91	33	53	54	85	71	.426	.449	5.62	2.71	6.0	4.1	5.1
October	28.993	29.409	28.526	45.3	53.4	60.1	42.3	51.2	79	29	39	42	80	67	.248	.283	2.49	1.04	4.5	2.9	3.8
November	28.965	29.367	28.555	33.8	40.8	45.9	31.3	38.6	64	15	28	33	79	73	.158	.193	.89	.85	5.7	4.4	5.3
December	28.865	29.353	28.328	24.0	29.9	35.7	20.0	27.8	54	− 2	19	24	79	78	.109	.137	1.35	.90	5.1	3.6	5.4
Year	28.961	29.598	28.328	39.1	46.8	52.3	35.6	44.0	92	−25	34	36	81	68	.256	.276	32.32	2.71	5.6	4.8	5.4

MANTEO, N. C.

[ϕ=35° 54′ N.; λ=75° 40′ W.]

January	.....	.....	.....	.....	.....	46.6	30.2	38.4	64	12	.....	.....	.....	.....	.....	.....	4.45	1.62	.....	.....	.....
February	.....	.....	.....	.....	.....	47.7	30.2	39.0	69	13	.....	.....	.....	.....	.....	.....	3.63	2.08	.....	.....	.....
March	.....	.....	.....	.....	.....	57.6	40.3	49.0	79	27	.....	.....	.....	.....	.....	.....	5.52	1.24	.....	.....	.....
April	.....	.....	.....	.....	.....	69.4	52.5	61.0	80	35	.....	.....	.....	.....	.....	.....	1.83	1.38	.....	.....	.....
May	.....	.....	.....	.....	.....	76.6	59.9	68.2	85	45	.....	.....	.....	.....	.....	.....	6.54	1.94	.....	.....	.....
June	.....	.....	.....	.....	.....	81.1	67.4	74.2	94	55	.....	.....	.....	.....	.....	.....	5.53	2.18	.....	.....	.....
July	.....	.....	.....	.....	.....	84.1	69.3	76.7	91	60	.....	.....	.....	.....	.....	.....	2.34	1.64	.....	.....	.....
August	.....	.....	.....	.....	.....	86.1	68.7	77.4	95	58	.....	.....	.....	.....	.....	.....	3.25	1.04	.....	.....	.....
September	.....	.....	.....	.....	.....	81.4	68.4	74.9	93	56	.....	.....	.....	.....	.....	.....	5.97	4.34	.....	.....	.....
October	.....	.....	.....	.....	.....	72.0	54.5	63.2	83	42	.....	.....	.....	.....	.....	.....	1.24	.54	.....	.....	.....
November	.....	.....	.....	.....	.....	62.7	40.6	51.6	75	28	.....	.....	.....	.....	.....	.....	2.68	1.28	.....	.....	.....
December	.....	.....	.....	.....	.....	59.0	36.9	48.0	77	22	.....	.....	.....	.....	.....	.....	4.22	1.58	.....	.....	.....
Year	.....	.....	.....	.....	.....	68.7	51.6	60.1	95	12	.....	.....	.....	.....	.....	.....	47.20	4.34	.....	.....	.....

MARQUETTE, MICH.

[ϕ=46° 34′ N.; λ=87° 24′ W.]

January	29.236	29.792	28.609	−1.3	1.5	9.1	−6.5	1.3	26	−22	−6	−3	77	80	0.032	0.038	2.27	1.13	6.6	4.8	6.1
February	29.194	29.617	28.748	9.6	12.4	18.1	5.2	11.6	45	−18	6	8	83	82	.062	.069	.72	.13	7.3	5.3	6.6
March	29.355	29.936	28.749	15.6	21.9	29.3	10.1	19.7	56	− 9	9	14	72	72	.067	.086	.56	.21	5.5	3.8	5.7
April	29.160	29.561	28.551	35.2	39.1	46.2	29.9	38.0	74	16	28	30	75	70	.160	.172	3.01	1.27	5.9	5.1	6.1
May	29.135	29.474	28.581	47.7	49.4	58.3	40.5	49.4	83	33	41	43	79	80	.266	.297	3.73	1.42	5.7	6.7	6.7
June	29.234	29.587	28.626	58.4	59.4	67.7	49.5	58.6	90	37	49	51	72	74	.359	.378	2.45	1.02	3.7	4.0	4.8
July	29.213	29.535	28.953	62.8	65.4	75.1	55.6	65.4	98	45	56	60	80	82	.467	.525	3.42	2.07	5.4	4.5	6.2
August	29.166	29.481	28.679	56.4	57.8	63.4	52.0	57.7	80	46	54	55	91	91	.416	.441	5.53	2.35	7.9	6.7	7.6
September	29.197	29.605	28.842	55.6	57.4	65.9	50.8	58.4	87	34	51	53	85	86	.394	.429	2.19	.99	6.3	5.7	6.4
October	29.175	29.667	28.501	45.8	49.1	58.2	41.1	49.6	85	29	39	42	78	78	.245	.283	2.74	1.32	5.5	4.8	6.0
November	29.164	29.506	28.849	33.1	35.9	41.7	30.0	35.8	63	14	28	30	79	78	.153	.168	1.35	.30	6.9	7.0	7.6
December	29.038	29.432	28.499	24.0	25.1	31.3	18.3	24.8	42	− 2	19	19	81	75	.107	.106	2.42	.72	8.1	6.7	7.8
Year	29.189	29.936	28.499	36.9	39.5	47.0	31.4	39.2	98	−22	31	34	79	79	.227	.249	30.59	2.55	6.2	5.4	6.5

Annual meteorological summary for the year ending December 31, 1912—Continued.

MACON, GA.

[H=370 ft.; h_t=78 ft.; h_r=71 ft.; h_a=87 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	6.4	NW.	28	W.	0	5	6	3	2	3	1	2	9	0	12	6	13	12	9	2	1	0	2	1	0	14	0	0
February	7.4	NW.	31	W.	0	3	4	0	1	4	5	3	6	3	12	8	9	12	7	1	1	0	1	0	0	16	2	0
March	6.7	NE.	29	S.	0	5	3	3	2	3	3	4	8	0	9	7	15	13	11	0	0	0	2	0	0	2	4	0
April	6.6	S.	31	S.	0	[1]5	[1]3	[1]6	[1]11	[1]14	[1]4	[1]4	[1]5	[1]1	12	6	12	13	11	0	0	0	2	0	0	0	8	0
May	5.2	NW.	32	W.	0	13	7	5	9	6	2	9	10	1	17	4	10	10	7	0	0	0	0	0	4	0	7	0
June	6.1	NE.	32	SE.	0	4	16	8	11	4	7	6	3	1	5	10	15	12	11	0	0	0	0	0	3	0	10	0
July	5.2	SE.	28	SW.	0	4	14	11	5	11	3	5	6	3	5	16	10	14	11	0	0	0	0	0	13	0	10	0
August	4.4	S.	26	SW.	0	2	6	4	6	17	14	5	6	2	6	14	11	12	9	0	0	0	0	0	14	0	13	0
September	5.3	NE.	29	SE.	0	12	18	5	6	5	3	0	9	2	8	9	13	17	12	0	0	0	1	0	6	0	3	0
October	5.0	NE.	16	NE.	0	16	17	7	3	0	0	0	17	2	10	11	10	10	8	0	0	0	1	0	0	0	0	0
November	5.6	NW.	24	W.	0	5	4	5	1	6	1	6	28	4	20	7	3	5	4	2	2	0	0	0	0	9	0	0
December	5.2	NW.	27	NW.	0	13	5	2	6	9	2	6	16	3	9	5	17	11	10	0	0	0	3	0	0	8	0	0
Year	5.8	NW.	32	W.	0	87	103	59	63	82	45	50	123	22	125	103	138	141	110	5	4	0	12	1	40	49	58	0

MADISON, WIS.

[H=974 ft.; h_t=70 ft.; h_r=62 ft.; h_a=78 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.3	NW.	33	NW.	0	7	3	2	5	6	6	11	22	0	13	5	13	12	5	18	12	0	1	31	0	31	0	0
February	10.6	NW.	52	NE.	1	3	6	1	0	7	15	10	16	0	7	6	16	6	5	16	6	0	3	23	0	28	0	0
March	10.3	NE.	38	NE.	0	10	13	2	4	7	12	10	4	0	7	15	9	6	6	11	4	0	4	17	0	31	1	0
April	12.2	SW.	44	NE.	1	3	6	3	9	8	11	4	15	1	9	13	8	11	9	5	2	1	1	0	0	7	3	0
May	9.8	SW.	48	NE.	1	5	10	3	11	11	14	3	5	0	7	12	12	19	16	0	0	3	1	0	0	0	13	0
June	6.9	W.	22	NW.	0	2	8	5	9	4	7	14	11	0	14	8	8	7	5	0	0	1	1	0	1	0	6	0
July	7.8	S.	33	NW.	0	7	4	2	5	17	9	5	11	2	10	16	5	12	7	0	0	1	0	0	3	0	12	0
August	7.5	SW.	43	W.	1	8	5	1	4	9	15	7	13	0	9	15	7	10	7	0	0	0	2	0	0	0	9	0
September	7.6	SW.	25	SW.	0	8	4	3	5	11	11	12	6	0	12	9	9	16	13	0	0	0	0	0	3	0	6	0
October	9.0	SW.	31	SW.	0	6	5	2	3	8	18	11	9	0	18	4	9	7	6	0	0	0	0	0	0	2	5	1
November	11.0	SW.	40	NE.	1	5	3	2	0	12	14	10	13	1	11	9	10	4	2	6	1	0	1	2	0	16	1	0
December	11.9	SW.	38	SW.	0	3	0	1	3	10	21	9	15	0	9	12	10	8	6	13	3	0	2	9	0	28	0	0
Year	9.5	SW.	52	NE.	5	67	67	27	58	110	153	106	140	4	126	124	116	118	87	69	28	6	16	82	7	143	56	1

MANTEO, N. C.

[H=— ft.; h_t=12 ft.; h_r=4 ft.; h_a=46 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	.....	N.	....	.....	....	9	5	0	1	2	4	2	8	0	11	7	13	9	9	2	2	....	....	3	0	18	0	....
February	.....	N.	....	.....	....	6	4	3	3	0	4	3	6	0	15	5	9	6	5	1	1	....	....	2	0	17	1	....
March	.....	NE.	....	.....	....	4	10	5	1	3	8	0	0	0	14	4	13	11	11	1	1	....	....	0	0	4	0	....
April	.....	SW.	....	.....	....	1	4	3	4	3	12	3	0	0	19	4	7	8	8	0	0	....	....	0	0	0	2	....
May	.....	SW.	....	.....	....	1	6	2	5	6	8	0	3	0	20	7	4	8	8	0	0	....	....	0	0	0	2	....
June	.....	NE.	....	.....	....	1	10	4	5	1	9	0	0	0	17	2	11	7	7	0	0	....	....	0	2	0	4	....
July	.....	SW.	....	.....	....	3	4	3	4	2	14	1	0	0	21	9	1	5	4	0	0	....	....	0	3	0	1	....
August	.....	SW.	....	.....	....	0	6	5	3	3	11	2	1	0	18	7	6	6	6	0	0	....	....	0	10	0	3	....
September	.....	SW.	....	.....	....	6	7	0	5	3	8	0	1	0	16	6	8	6	6	0	0	....	....	0	2	0	0	....
October	.....	NE.	....	.....	....	2	11	3	2	4	3	2	4	0	17	7	7	5	4	0	0	....	....	0	0	0	0	....
November	.....	SW.	....	.....	....	6	2	1	1	3	8	2	7	0	20	6	4	6	5	1	0	....	....	0	0	7	0	....
December	.....	SW.	....	.....	....	3	4	1	5	3	11	1	3	0	17	8	6	7	7	0	0	....	....	0	0	12	0	....
Year	.....	SW.	....	.....	....	42	73	30	39	33	100	16	33	0	205	72	89	84	80	5	4	....	....	5	17	58	13	....

MARQUETTE, MICH.

[H=734 ft.; h_t=77 ft.; h_r=70 ft.; h_a=111 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	12.7	W.	42	S.	1	0	3	0	2	4	22	22	9	0	6	15	10	14	8	18	14	0	0	31	0	31	0	1
February	9.9	NW.	33	S.	0	0	0	0	6	7	4	15	26	0	4	15	10	11	8	20	11	0	0	24	0	29	0	1
March	10.1	NW.	38	NW.	0	2	2	4	6	8	16	9	15	0	6	20	5	9	5	14	7	0	0	18	0	31	0	1
April	11.9	NW.	48	SW.	2	5	4	2	13	6	5	5	20	0	6	14	10	12	9	9	6	0	2	0	0	20	0	2
May	9.3	N.	34	SE.	0	12	2	10	15	7	5	1	10	0	3	15	13	9	8	0	0	0	6	0	0	0	4	0
June	8.5	SW.	33	SW.	0	3	2	4	11	6	11	5	18	0	12	12	6	9	8	0	0	0	2	0	1	0	2	0
July	9.6	NW.	36	SW.	0	2	3	4	15	9	9	0	18	2	4	20	7	10	9	0	0	0	4	0	4	0	7	0
August	7.6	NW.	29	NW.	0	4	2	13	8	3	4	3	24	1	1	13	17	19	14	0	0	0	7	0	0	0	2	0
September	9.3	SW.	36	SW.	0	1	2	1	10	12	13	9	12	0	7	7	16	12	9	0	0	0	0	0	0	0	4	0
October	13.4	SW.	44	W.	2	1	1	0	2	15	21	10	12	0	9	11	11	11	5	3	1	0	0	0	0	3	0	0
November	11.3	NW.	42	S.	1	3	5	1	4	9	14	13	11	0	2	9	19	10	6	11	8	0	0	4	0	16	0	0
December	12.1	SW.	39	SW.	0	1	1	2	6	6	24	12	10	0	2	11	18	15	13	17	12	0	1	15	0	28	0	0
Year	10.5	NW.	48	SW.	6	34	27	41	98	92	148	104	185	3	62	162	142	141	102	92	59	0	22	92	5	158	19	5

Annual meteorological summary for the year ending December 31, 1912—Continued.

MEMPHIS, TENN.

[ϕ=35° 9′ N.; λ=90° 3′ 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	29.735	30.084	29.261	31.3	37.4	42.8	26.4	34.6	64	− 2	25	27	76	66	0.153	0.171	3.41	0.99	5.6	4.2	5.2
February	29.650	30.149	29.026	32.2	40.6	45.4	28.8	37.1	67	4	25	27	74	58	.143	.160	3.75	2.23	5.1	4.8	5.5
March	29.689	30.150	29.001	42.4	48.9	52.7	39.5	46.1	76	26	37	38	81	68	.232	.243	9.53	2.91	7.3	7.4	7.0
April	29.609	30.021	29.194	58.4	65.4	69.5	55.6	62.6	81	45	50	51	74	62	.377	.391	8.01	2.44	5.9	5.9	5.7
May	29.568	29.921	29.190	65.3	73.9	77.6	62.6	70.1	89	52	57	56	76	58	.481	.472	2.32	1.13	3.9	5.2	4.3
June	29.627	29.827	29.252	69.1	76.5	81.1	66.3	73.7	90	59	60	60	75	61	.536	.544	4.39	1.35	6.7	5.0	6.3
July	29.631	29.814	29.483	75.9	84.8	88.2	73.5	80.8	94	69	70	71	84	64	.746	.752	3.27	2.19	4.7	4.2	4.1
August	29.610	29.778	29.406	72.9	81.5	86.3	70.8	78.6	92	58	68	71	85	72	.697	.779	3.41	1.10	5.0	4.0	4.4
September	29.611	29.888	29.380	68.0	76.4	82.9	65.6	74.2	94	47	63	65	84	69	.598	.653	2.05	.90	2.7	2.3	2.5
October	29.685	29.972	29.336	57.9	67.6	73.8	55.5	64.6	86	41	51	56	78	68	.394	.467	2.64	2.07	4.6	2.1	3.6
November	29.807	30.115	29.499	44.3	54.5	59.6	42.9	51.2	75	31	36	42	72	64	.220	.289	1.02	.90	3.3	0.9	3.5
December	29.748	30.196	29.374	38.5	45.9	50.1	36.1	43.1	67	22	30	32	71	60	.181	.197	3.00	1.34	4.6	4.2	5.5
Year	29.664	30.196	29.001	54.7	62.8	67.5	52.0	59.7	94	− 2	48	50	78	64	.396	.426	46.80	2.91	5.0	4.2	4.8

MERIDIAN, MISS.

[ϕ=32° 21′ N.; λ=88° 40′ W.]

January	29.731	30.101	29.306	34.9	44.0	52.4	31.8	42.1	71	12	31	33	84	66	0.188	0.206	6.18	3.34	6.4	4.3	5.7
February	29.632	30.022	29.056	36.2	48.3	55.6	33.4	44.5	76	17	31	34	83	59	.193	.213	3.83	1.30	4.7	4.4	5.3
March	29.681	30.048	29.052	46.5	56.7	62.7	43.4	53.0	82	30	42	45	86	68	.287	.325	9.96	3.43	7.1	6.3	7.1
April	29.636	29.986	29.377	58.8	68.1	74.8	54.9	64.8	85	41	55	56	87	66	.450	.461	9.44	1.76	6.9	6.2	6.4
May	29.581	29.922	29.265	65.9	76.5	82.7	61.5	72.1	93	48	60	59	82	57	.530	.514	4.52	1.44	3.2	4.0	4.1
June	29.622	29.766	29.282	69.7	76.0	82.3	65.7	74.0	92	58	64	65	84	70	.618	.628	5.30	2.01	7.5	6.5	6.8
July	29.647	29.853	29.494	74.4	80.9	88.2	70.6	79.4	93	67	71	71	88	74	.749	.765	7.76	2.55	6.0	6.7	6.5
August	29.638	29.801	29.455	73.0	79.9	89.1	69.8	79.4	94	59	69	70	89	74	.719	.746	4.20	1.41	5.0	6.7	5.6
September	29.579	29.773	29.228	70.2	78.6	85.5	67.2	76.4	94	55	67	68	88	71	.659	.685	2.52	1.61	4.6	4.6	5.0
October	29.663	29.864	29.408	58.6	67.8	76.2	56.0	66.1	88	41	55	59	87	75	.443	.524	2.22	1.90	5.5	3.9	4.7
November	29.819	30.055	29.483	41.5	53.4	63.7	38.3	51.0	78	26	37	41	85	64	.239	.270	.31	.17	4.2	2.5	4.4
December	29.748	30.140	29.408	43.2	50.0	55.9	39.7	47.8	73	26	38	42	83	75	.256	.290	8.46	3.12	7.0	6.2	7.2
Year	29.665	30.140	29.052	56.1	65.0	72.4	52.7	62.6	94	12	52	54	86	68	.444	.469	64.70	3.43	5.7	5.2	5.7

MIAMI, FLA.

[ϕ=25° 48′ N.; λ=80° 12′ W.]

January	30.041	30.236	29.871	65.4	68.0	74.9	61.0	68.0	82	45	62	62	89	82	0.579	0.583	4.26	1.52	6.5	5.3	6.6
February	30.010	30.189	29.662	58.8	64.1	71.4	54.2	62.8	82	40	54	56	83	75	.440	.467	2.08	.94	5.1	4.4	5.6
March	30.056	30.244	29.875	72.4	74.2	80.5	68.1	74.3	86	53	67	66	83	77	.663	.655	3.76	1.44	5.8	4.1	6.6
April	30.050	30.276	29.922	77.2	76.2	83.3	72.4	77.8	89	63	68	68	75	78	.703	.700	5.61	2.17	6.5	5.1	6.8
May	29.976	30.113	29.841	79.2	78.8	85.6	72.7	79.2	91	67	72	72	79	79	.777	.771	11.17	4.91	7.4	7.6	7.3
June	30.007	30.162	29.850	80.9	80.0	86.6	74.2	80.4	91	69	74	74	79	81	.824	.833	14.63	2.64	7.0	7.2	7.4
July	30.028	30.196	29.840	81.9	81.6	87.9	76.0	82.0	94	72	73	73	75	76	.819	.813	5.99	1.80	6.1	6.0	6.7
August	30.034	30.114	29.972	83.3	82.1	89.4	76.9	83.2	91	69	74	74	73	76	.834	.833	2.93	.99	6.5	4.0	6.4
September	29.955	30.082	29.871	81.5	81.7	88.9	75.8	82.4	90	70	74	74	80	78	.849	.846	2.08	.50	6.0	6.3	6.7
October	29.927	30.072	29.809	78.7	79.0	85.6	73.6	79.6	89	68	72	72	80	78	.776	.776	3.29	.98	5.1	4.7	6.2
November	30.036	30.218	29.811	69.6	71.4	77.5	65.5	71.5	88	52	62	62	79	72	.572	.557	10.67	7.74	5.9	5.3	6.2
December	30.076	30.228	29.937	69.5	72.7	78.4	66.7	72.6	83	52	65	67	86	82	.627	.663	1.90	.90	5.5	3.6	5.7
Year	30.016	30.276	29.662	74.9	75.8	82.5	69.8	76.2	94	40	68	68	80	78	.705	.708	68.37	7.74	6.2	5.3	6.5

MILES CITY, MONT.

[ϕ 46° 25′ N.; λ=105° 49′ W.]

January	27.506	27.925	27.082	4.2	11.2	21.7	−1.0	10.4	48	−36	0	5	82	74	0.054	0.068	0.70	0.31	6.3	5.7	5.8
February	27.521	28.068	27.020	17.4	25.4	34.0	14.9	24.4	50	−13	13	19	82	75	.087	.112	.52	.39	5.9	6.0	5.1
March	27.543	28.002	26.987	9.4	25.1	31.3	7.6	19.4	64	−18	6	16	85	69	.071	.100	1.64	.74	5.8	5.5	5.6
April	27.351	27.633	26.970	38.7	56.7	60.7	36.2	48.4	82	21	34	39	83	57	.197	.237	2.48	1.66	4.8	4.8	4.5
May	27.382	27.965	26.902	47.4	62.4	66.6	44.6	55.6	86	32	41	44	79	58	.263	.301	4.17	1.05	5.5	6.2	5.1
June	27.468	27.915	27.011	59.1	77.4	81.2	54.3	67.8	102	33	50	51	75	44	.374	.395	1.54	1.11	4.8	4.8	3.7
July	27.469	27.838	27.157	61.9	77.7	81.8	57.5	69.6	98	44	56	58	82	54	.453	.484	3.55	1.78	4.4	5.6	4.0
August	27.413	27.706	27.047	58.6	77.7	81.4	56.2	68.8	94	48	52	53	80	47	.398	.413	1.19	.44	3.4	4.0	3.4
September	27.527	27.967	27.093	43.9	58.2	63.0	42.8	52.9	93	26	40	45	85	66	.251	.310	1.44	.44	6.7	6.4	5.5
October	27.489	27.840	27.009	35.3	49.3	57.7	34.5	46.1	78	17	32	38	86	66	.181	.234	2.61	1.50	4.7	4.5	3.7
November	27.495	28.037	27.116	30.6	41.6	49.8	29.3	39.6	60	17	26	34	83	73	.143	.194	.37	.35	4.1	3.9	3.8
December	27.414	27.797	26.686	25.6	33.8	40.5	23.3	31.9	54	13	20	26	76	72	.107	.144	.08	.03	3.9	3.5	4.0
Year	27.465	28.068	26.686	36.0	49.7	55.8	33.4	44.6	102	−36	31	36	82	63	.214	.249	20.29	1.78	5.0	5.1	4.5

Annual meteorological summary for the year ending December 31, 1912—**Continued.**

MEMPHIS, TENN.

[H=399 ft.; h_t=76 ft.; h_r=69 ft.; h_a=97 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	9.3	N.	36	NW.	0	13	8	6	3	13	9	5	5	0	13	7	11	9	6	5	4	0	1	6	0	21	0	0
February	9.8	NE.	45	W.	2	13	9	5	4	4	10	7	6	0	9	8	12	7	5	4	0	2	1	4	0	19	3	0
March	8.9	NE.	36	SW.	0	12	8	5	9	13	6	5	4	0	7	6	18	13	11	1	0	0	1	0	0	9	2	0
April	8.9	S.	47	SW.	2	9	2	5	14	17	5	2	5	1	11	4	15	12	10	0	0	0	0	0	0	0	6	0
May	8.4	SW.	37	SW.	0	3	6	1	9	16	15	2	9	1	14	7	10	8	7	0	0	1	0	0	0	0	6	0
June	7.3	E.	46	NW.	1	10	9	12	8	6	9	1	4	1	8	5	17	13	11	0	0	0	0	0	0	0	9	0
July	6.6	SW.	34	NW.	0	5	13	2	8	17	16	0	1	0	14	12	5	7	6	0	0	0	0	0	12	0	8	0
August	7.6	SW.	28	SW.	0	5	6	5	4	14	24	3	1	0	14	8	9	9	8	0	0	0	0	0	6	0	9	0
September	6.6	N.	30	SW.	0	17	14	4	6	4	9	2	3	1	20	5	5	8	7	0	0	0	0	0	9	0	6	0
October	6.9	NE.	36	NW.	0	15	17	2	10	12	4	1	1	0	18	6	7	5	5	0	0	0	0	0	0	0	1	0
November	8.4	S.	32	NW.	0	6	5	3	8	17	9	4	8	0	18	3	9	3	2	1	0	0	1	0	0	1	0	0
December	8.5	S.	28	NW.	0	10	5	6	6	16	8	6	5	0	12	4	15	11	10	2	1	1	4	0	0	8	0	0
Year	8.1	S.	47	SW.	5	118	102	56	89	149	124	38	52	4	158	75	133	105	88	13	5	4	8	10	27	58	50	0

MERIDIAN, MISS.

[H=375 ft.; h_t=84 ft.; h_r=62 ft.; h_a=93 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.6	N.	33	NW.	0	12	7	1	7	6	3	6	11	9	9	9	13	10	7	1	0	0	1	0	0	16	2	0
February	6.6	NW.	35	SE.	0	11	4	2	2	8	6	9	11	5	9	11	9	14	11	1	0	0	0	1	0	13	2	0
March	6.5	E.	28	SE.	0	7	9	13	3	5	6	7	6	6	6	8	17	12	8	0	0	0	1	0	0	2	3	0
April	6.5	S.	39	SW.	0	3	13	8	8	15	5	2	5	1	7	9	14	13	12	0	0	0	0	0	0	0	12	0
May	4.6	SW.	23	SE.	0	4	7	6	4	7	14	8	5	7	15	12	4	9	9	0	0	0	0	0	4	0	8	0
June	5.6	SW.	23	SE.	0	6	8	6	4	10	10	5	8	3	2	15	13	15	11	0	0	0	0	0	3	0	7	0
July	3.8	SW.	21	W.	0	5	3	3	6	12	12	12	8	1	3	15	13	17	16	0	0	0	0	0	10	0	14	0
August	3.7	SW.	36	SW.	0	4	6	6	2	8	21	4	5	6	5	20	6	11	9	0	0	0	0	0	12	0	10	0
September	4.3	NE.	34	SE.	0	14	21	7	2	2	7	1	0	6	11	12	7	10	8	0	0	0	2	0	11	0	3	0
October	4.7	NE.	17	N.	0	10	17	5	11	4	2	0	3	10	14	9	8	7	4	0	0	0	2	0	0	0	3	0
November	4.2	NE.	18	NW.	0	6	15	11	5	2	0	5	9	7	15	8	7	4	3	1	1	0	0	0	0	11	1	0
December	5.0	NE.	24	SW.	0	8	11	10	8	6	5	3	7	4	9	3	19	17	16	0	0	0	2	0	0	9	3	0
Year	5.1	NE.	39	SW.	0	90	121	78	62	85	91	62	78	65	105	131	130	139	114	3	1	0	8	1	40	51	68	0

MIAMI, FLA.

[H=25 ft.; h_t=37 ft.; h_r=32 ft.; h_a=72 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.8	NW.	28	SW.	0	6	7	4	6	8	9	6	16	0	7	11	13	16	12	0	0	0	0	0	0	0	0	0
February	9.1	NW.	35	SE.	0	7	3	3	11	2	10	3	19	0	9	10	10	6	4	0	0	0	1	0	0	0	1	0
March	10.3	SE.	26	S.	0	5	11	12	14	6	4	4	6	0	6	11	14	11	8	0	0	0	0	0	0	0	1	0
April	10.7	SE.	30	NE.	0	2	9	10	22	10	4	1	2	0	1	18	11	9	7	0	0	0	0	0	0	0	6	0
May	7.5	SE.	29	W.	0	3	8	7	31	4	5	2	2	0	1	16	14	17	14	0	0	0	0	0	1	0	16	0
June	8.4	SE.	20	SW.	0	0	3	15	22	6	10	0	4	0	2	11	17	17	15	0	0	0	0	0	1	0	14	0
July	7.9	SE.	28	S.	0	1	15	14	13	1	12	4	2	0	3	15	13	16	13	0	0	0	0	0	3	0	15	0
August	7.3	SE.	28	SE.	0	1	10	18	19	6	4	1	3	0	3	19	9	11	10	0	0	0	0	0	7	0	11	0
September	7.1	SE.	25	E.	0	3	11	9	15	5	10	0	7	0	5	12	13	13	9	0	0	0	0	0	2	0	9	0
October	9.1	NE.	31	NE.	0	5	17	13	13	2	4	1	7	0	4	18	9	17	13	0	0	0	0	0	0	0	5	0
November	12.5	NE.	33	NE.	0	5	23	6	3	2	5	0	16	0	5	14	11	7	6	0	0	0	0	0	0	0	2	0
December	8.4	SE.	25	NE.	0	5	11	9	15	4	3	1	14	0	5	18	8	7	5	0	0	0	0	0	0	0	1	0
Year	8.9	SE.	35	SE.	0	43	128	120	184	56	80	23	98	0	51	173	142	147	116	0	0	0	1	0	14	0	81	0

MILES CITY, MONT.

[H=2,371 ft.; h_t=26 ft.; h_r=32 ft.; h_a=48 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.0	SW.	42	W.	1	2	15	3	7	7	17	6	5	0	5	16	10	12	6	12	10	0	0	20	0	31	0	0
February	5.0	SW.	24	NE.	0	2	11	2	12	3	13	4	11	0	9	12	8	5	3	10	5	0	0	9	0	28	0	0
March	5.2	NE.	24	NW.	0	1	18	2	15	3	4	4	15	0	11	8	12	9	8	13	9	0	0	18	0	31	0	0
April	6.0	SE.	29	W.	0	4	11	7	15	1	9	7	6	0	11	13	6	8	6	2	2	0	0	0	0	11	1	0
May	7.7	SW.	39	NW.	0	1	10	5	3	0	12	23	8	0	12	13	6	14	11	2	2	0	0	0	0	1	4	0
June	5.8	E.	30	NE.	0	6	10	14	10	5	4	2	8	1	16	11	3	8	5	0	0	0	0	0	8	0	3	0
July	4.8	NE.	24	SE.	0	10	19	1	11	3	10	4	3	1	15	13	3	11	8	0	0	0	0	0	7	0	5	0
August	5.5	NE.	28	N.	0	7	11	10	12	5	7	7	3	0	16	12	3	7	5	0	0	0	0	0	2	0	6	0
September	5.4	NW.	24	NW.	0	6	13	1	12	5	3	7	13	0	6	17	7	9	9	1	0	0	0	0	1	3	1	0
October	5.2	NE.	30	NW.	0	1	13	3	12	11	7	4	11	0	17	8	6	5	5	1	1	0	0	0	0	11	0	0
November	4.9	SE.	32	W.	0	2	2	0	15	14	10	14	2	1	13	13	4	2	1	1	0	0	0	0	0	19	0	0
December	7.3	W.	33	W.	0	0	2	0	4	15	6	30	5	0	12	16	3	4	0	5	4	0	0	5	0	27	0	0
Year	5.6	NE.	42	W.	1	42	135	48	128	72	102	112	90	3	143	152	71	94	67	47	33	0	0	52	18	162	20	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

MILWAUKEE, WIS.

[ϕ=43° 2′ N.; λ=87° 54′ 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	29.840	28.800	3.1	7.8	12.1	−1.0	5.6	28	−18	−1	2	81	74	0.045	0.050	0.78	0.35	5.3	4.9	4.6
February	29.249	29.714	28.803	15.3	19.2	23.7	11.5	17.6	43	−10	11	14	81	77	.083	.089	2.03	1.25	5.8	6.3	5.7
March	29.409	29.921	28.915	23.1	27.7	32.5	20.1	26.3	48	0	18	20	80	73	.105	.113	1.68	.79	5.7	4.5	5.2
April	29.208	29.602	28.722	42.0	46.5	54.3	37.4	45.8	73	29	34	36	75	69	.202	.222	1.72	.68	4.9	4.3	4.9
May	29.168	29.503	28.714	51.3	55.8	63.5	46.2	54.8	87	38	45	48	82	77	.312	.354	8.15	1.96	5.3	5.9	5.6
June	29.303	29.661	28.723	60.1	63.4	71.2	54.5	62.8	89	45	50	51	69	66	.364	.387	.92	.56	4.1	3.8	4.1
July	29.279	29.602	28.958	66.2	70.4	77.2	61.2	69.2	92	53	59	59	78	68	.512	.512	4.92	2.19	5.1	4.3	5.0
August	29.203	29.554	28.828	63.8	67.7	73.6	60.3	67.0	89	52	58	59	82	74	.492	.506	2.14	.58	6.1	5.0	6.0
September	29.277	29.663	28.941	60.2	64.5	71.3	56.9	64.1	94	38	54	54	79	71	.438	.451	5.84	3.08	5.0	4.5	4.5
October	29.296	29.734	28.830	47.8	54.4	60.8	45.3	53.0	83	36	40	43	76	67	.258	.288	3.42	1.41	3.9	2.8	3.5
November	29.261	29.650	28.746	36.1	41.4	46.5	33.5	40.0	67	22	29	32	75	68	.162	.186	1.65	.78	4.3	4.6	5.3
December	29.173	29.642	28.649	27.7	32.0	38.1	23.5	30.8	54	2	22	24	76	72	.123	.138	1.34	.95	5.9	4.3	5.3
Year	29.262	29.921	28.649	41.4	45.9	52.1	37.4	44.8	94	−18	35	37	78	71	.258	.275	34.59	3.08	5.1	4.6	5.0

MINNEAPOLIS, MINN.

[ϕ=44° 59′ N.; λ=93° 18′ W.]

January					0.4	4.4	−9.8	−2.7	26	−31		−3		83		0.039	0.44	0.18			4.7
February					17.0	21.7	5.5	13.6	41	−19		12		79		.081	.19	.14			5.2
March					28.3	32.5	15.8	24.2	57	− 5		19		67		.106	.34	.17			4.8
April					53.8	59.6	37.7	48.6	79	28		40		62		.260	2.22	.74			4.6
May					63.4	68.7	49.2	59.0	81	36		53		72		.427	4.68	1.72			5.4
June					70.4	74.9	55.5	65.2	94	46		52		55		.398	.94	.67			4.4
July					74.8	79.9	62.6	71.2	90	49		61		63		.552	7.08	2.93			4.5
August					70.3	75.2	58.4	66.8	91	47		57		65		.480	5.56	2.02			5.9
September					64.6	70.6	51.8	61.2	95	33		52		64		.413	1.59	.67			4.0
October					54.2	61.9	40.9	51.4	86	24		39		58		.251	1.23	1.13			3.6
November					40.8	46.2	28.8	37.5	61	16		28		61		.158	.08	.05			4.8
December					25.8	32.7	15.3	24.0	51	− 4		20		76		.111	1.93	.76			5.5
Year					47.0	52.4	34.3	43.3	95	−31		36		67		.273	26.28	2.93			4.8

MOBILE, ALA.

[ϕ=30° 41′ N.; λ=88° 2′ W.]

January	30.061	30.442	29.642	42.6	49.8	57.0	38.7	47.8	72	23	35	40	75	70	0.226	0.264	4.01	1.91	5.9	4.6	5.0
February	29.977	30.312	29.406	43.2	51.2	58.4	40.0	49.2	71	25	36	38	76	63	.236	.255	5.50	1.43	4.8	5.2	4.6
March	30.020	30.371	29.564	54.3	60.6	67.8	51.0	59.4	77	36	49	51	82	74	.363	.402	6.62	2.34	6.3	6.1	5.5
April	29.984	30.320	29.720	64.0	68.4	75.1	60.7	67.9	87	49	59	61	84	79	.516	.552	17.32	5.02	6.5	6.8	6.1
May	29.921	30.230	29.716	70.6	76.6	83.3	66.7	75.0	92	56	64	65	80	69	.607	.634	7.70	2.69	3.0	4.0	3.5
June	29.945	30.107	29.676	74.3	78.3	83.5	70.4	77.0	92	63	68	68	80	72	.693	.695	4.63	1.79	5.5	6.1	5.7
July	29.976	30.192	29.789	77.8	81.7	88.4	74.2	81.3	98	70	72	73	83	75	.785	.803	6.79	1.35	4.2	6.4	5.2
August	29.976	30.125	29.829	77.3	79.9	88.6	73.3	81.0	94	69	72	73	86	79	.800	.802	8.25	2.98	4.3	6.7	5.5
September	29.884	30.080	29.312	75.2	79.6	85.9	72.5	79.2	97	67	71	71	86	77	.752	.769	5.76	2.25	5.1	5.9	5.3
October	29.964	30.156	29.753	64.9	71.6	78.1	62.7	70.4	88	47	61	63	86	76	.546	.595	11.21	4.65	5.9	4.4	4.8
November	30.138	30.411	29.768	50.0	59.3	67.0	46.8	56.9	76	33	43	47	77	65	.296	.342	3.91	3.07	3.5	2.9	3.4
December	30.083	30.419	29.715	49.6	55.1	60.7	46.5	53.6	70	35	45	46	84	74	.323	.343	8.16	1.78	6.4	6.0	6.4
Year	29.994	30.442	29.312	62.0	67.7	74.5	58.6	66.6	98	23	56	58	82	73	.512	.538	89.86	5.02	5.1	5.4	5.1

MODENA, UTAH.

[ϕ=37° 48′ N.; λ=113° 54′ W.]

January	24.659	24.942	24.221	17.7	36.4	43.5	13.9	28.7	56	−16	14	21	83	52	0.086	0.111	T.	T.	1.9	4.3	4.7
February	24.622	24.962	24.147	22.1	44.3	49.0	17.9	33.4	60	5	17	15	80	30	.094	.085	0.07	.07	2.2	5.0	4.7
March	24.455	24.675	24.068	28.7	41.3	45.4	25.6	35.5	56	13	24	25	84	56	.132	.137	2.70	1.25	5.7	6.7	6.5
April	24.519	24.819	24.179	30.4	48.5	53.9	28.2	41.0	64	14	25	24	78	43	.131	.139	1.99	.60	4.5	7.0	6.0
May	24.570	24.847	24.258	38.7	62.6	66.6	36.1	51.4	82	24	27	22	62	24	.145	.121	.33	.14	3.8	6.2	5.3
June	24.611	24.776	24.304	47.3	74.9	80.0	45.1	62.6	90	34	29	28	51	21	.166	.162	.05	.03	2.6	5.1	4.4
July	24.655	24.803	24.458	54.6	76.5	81.3	52.6	67.0	91	42	40	37	59	30	.261	.249	1.28	.53	4.8	6.5	5.9
August	24.636	24.758	24.458	51.5	79.9	83.3	50.2	66.8	92	44	37	33	60	21	.231	.197	.13	.09	1.4	2.0	2.5
September	24.644	24.808	24.399	41.4	67.4	71.0	37.9	54.4	84	24	26	23	58	21	.147	.126	.06	.06	2.2	2.3	2.8
October	24.624	24.915	24.103	35.4	52.2	56.6	31.8	44.2	70	24	31	32	85	48	.177	.183	3.17	1.34	3.4	3.5	3.9
November	24.733	25.019	24.325	26.8	45.0	52.4	24.1	38.2	64	16	24	26	87	47	.125	.139	.29	.28	1.7	1.5	2.2
December	24.699	25.055	24.385	16.7	32.3	40.8	12.8	26.8	53	1	13	22	85	66	.079	.116	T.	T.	1.3	2.0	2.0
Year	24.619	25.055	24.068	34.3	55.1	60.3	31.4	45.8	92	−16	26	26	72	38	.148	.146	10.67	1.34	3.0	4.3	4.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

MILWAUKEE, WIS.

[H=681 ft.; h_1=119 ft.; h_2=111 ft.; h_3=133 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Aurora.
	Miles.		*Mi.*																									
January	10.5	W.	37	E.	0	2	1	1	1	5	10	19	23	0	14	8	9	11	8	17	11	0	0	31	0	31	0	0
February	11.3	SW.	42	NE.	2	4	8	0	0	3	19	17	7	0	11	7	11	12	7	14	9	0	1	21	0	27	0	0
March	11.8	NE.	42	NE.	2	5	17	5	3	7	14	9	2	0	10	13	8	6	6	9	5	0	0	17	0	28	1	0
April	13.5	SW.	48	SW.	2	6	15	1	10	2	15	4	7	0	11	12	7	11	7	4	3	0	1	0	0	6	4	0
May	11.8	NE.	47	NE.	3	11	11	1	13	5	10	6	5	0	7	13	11	16	15	0	0	3	4	0	0	0	11	0
June	8.4	NE.	30	NE.	0	6	16	3	7	3	14	9	2	0	15	10	5	9	4	0	0	0	2	0	0	0	4	0
July	8.1	SE.	34	NW.	0	6	14	4	9	13	8	6	2	0	10	15	6	11	9	0	0	0	0	0	2	0	8	0
August	8.6	NE.	42	E.	1	7	13	1	14	2	9	12	4	0	8	12	11	10	9	0	0	0	4	0	0	0	6	0
September	8.5	SW.	31	SW.	0	7	8	4	5	5	16	8	7	0	14	8	8	12	10	0	0	0	0	0	4	0	5	0
October	9.9	SW.	36	SW.	0	6	4	3	5	6	17	12	9	0	18	6	7	7	7	0	0	0	2	0	0	0	3	0
November	10.8	SW.	36	NW.	0	7	1	1	3	3	16	18	11	0	10	8	12	6	6	7	3	0	0	1	0	14	1	0
December	12.2	SW.	40	SE.	1	1	1	0	4	5	24	18	9	0	12	7	12	6	4	5	3	0	2	6	0	25	0	0
Year	10.4	SW.	48	SW.	11	68	109	24	74	59	172	138	88	0	140	119	107	117	92	56	34	3	16	76	6	131	43	0

MINNEAPOLIS, MINN.

[h_1=102 ft.; h_2=92 ft.; h_3=208 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Aurora.
January	10.5	W.	42	NW.	1	1	0	3	1	6	3	9	8	0	14	7	10	7	4	14	7	0	1	31	0	31	0	0
February	11.7	NW.	37	NW.	0	5	0	0	3	3	3	4	11	0	9	13	7	3	2	10	3	0	2	21	0	29	0	0
March	11.1	NW.	32	N.	0	3	0	4	3	6	2	4	9	0	13	10	8	7	3	10	7	0	1	16	0	31	0	0
April	14.0	S.	52	N.	4	2	1	3	5	8	3	3	5	0	15	4	11	6	6	2	1	0	0	0	0	8	3	0
May	13.3	W.	48	N.	1	4	2	4	5	6	0	8	2	0	11	8	12	11	9	0	0	2	0	0	0	0	8	0
June	10.8	W.	42	NW.	1	2	1	3	3	5	5	8	3	0	14	9	7	6	4	0	0	0	0	0	4	0	2	0
July	10.5	S.	80	NW.	1	4	1	0	6	8	1	4	7	0	15	6	10	10	9	0	0	1	0	0	1	0	8	0
August	10.4	N.	54	E.	1	7	1	5	4	3	3	3	5	0	8	12	11	13	12	0	0	1	0	0	1	0	13	0
September	10.3	W.	31	NW.	0	2	1	0	7	6	5	7	2	0	13	10	7	11	8	0	0	0	2	0	4	0	4	0
October	12.3	S.	46	W.	2	2	1	1	4	10	2	5	6	0	20	3	8	4	2	1	0	0	1	0	0	3	0	0
November	12.1	W.	37	N.	0	3	0	1	5	3	3	10	5	0	9	13	8	3	1	6	3	0	0	3	0	21	0	0
December	12.4	NW.	40	NW.	1	1	0	2	2	8	3	7	8	0	11	6	14	9	7	9	5	0	1	16	0	31	0	0
Year	11.6	W.	80	NW.	12	36	8	26	48	72	33	72	71	0	152	101	113	90	67	52	26	4	8	87	10	154	38	0

MOBILE, ALA.

[H=57 ft.; h_1=98 ft.; h_2=91 ft.; h_3=106 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Aurora.
January	8.5	N.	34	NW.	0	16	6	5	6	8	5	0	16	0	12	9	10	8	7	0	0	1	1	0	0	7	1	0
February	9.1	NW.	38	SW.	0	4	7	1	8	6	4	5	23	0	11	11	7	13	10	0	0	0	1	0	0	5	4	0
March	8.5	NW.	38	SW.	0	11	7	4	11	13	1	2	13	0	7	15	9	10	8	0	0	0	2	0	0	0	5	0
April	8.9	SE.	43	SE.	1	13	3	3	19	15	4	0	3	0	6	11	13	11	11	0	0	1	0	0	0	0	10	0
May	7.3	N.	29	SE.	0	13	4	3	9	10	11	4	8	0	16	11	4	8	8	0	0	0	0	0	4	0	4	0
June	8.8	N.	34	SW.	0	13	8	5	7	13	5	1	8	0	6	13	11	13	11	0	0	0	0	0	2	0	7	0
July	6.1	S.	32	S.	0	8	4	4	9	15	8	4	8	2	11	11	9	13	12	0	0	0	0	0	13	0	19	0
August	6.0	SW.	30	NW.	0	12	5	2	3	11	15	5	9	0	6	19	6	17	14	0	0	0	0	0	10	0	14	0
September	7.1	N.	52	SE.	1	23	8	5	4	6	4	2	8	0	9	10	11	13	11	0	0	0	0	0	8	0	6	0
October	7.2	N.	25	SE.	0	24	11	3	8	5	1	1	9	0	13	4	14	6	6	0	0	0	1	0	0	0	3	0
November	7.1	N.	32	NW.	0	22	5	6	6	2	1	0	18	0	17	8	5	3	3	0	0	1	0	0	0	0	1	0
December	7.2	N.	31	N.	0	18	9	6	10	6	4	1	8	0	6	10	15	19	17	0	0	0	3	0	0	0	1	0
Year	7.6	N.	52	SE.	2	177	77	47	100	110	63	25	131	2	120	132	114	134	118	0	0	3	8	0	37	12	75	0

MODENA, UTAH.

[H=5,479 ft.; h_1=10 ft.; h_2=2 ft.; h_3=43 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Aurora.
January	9.1	W.	42	SW.	1	1	6	9	0	0	11	31	4	0	14	9	8	0	0	3	0	0	0	5	0	31	0	0
February	9.6	W.	42	N.	1	8	6	11	1	0	5	21	5	1	9	16	4	2	1	2	2	0	0	0	0	29	0	0
March	11.4	W.	56	SW.	2	4	5	4	3	2	22	21	1	0	9	5	17	16	10	16	12	0	2	0	0	28	1	0
April	11.8	W.	52	SW.	5	3	2	3	5	5	13	19	10	0	6	13	11	9	8	8	7	1	0	0	0	26	2	0
May	13.0	SW.	54	SW.	6	8	4	3	5	2	14	18	8	0	8	16	7	5	4	2	2	3	0	0	0	8	4	0
June	13.1	SW.	58	SW.	8	1	5	4	3	1	16	24	6	0	14	11	5	2	0	0	0	0	0	0	0	0	5	0
July	12.0	W.	48	SW.	3	1	3	2	1	3	25	20	7	0	7	10	14	4	4	0	0	0	0	0	2	0	9	0
August	12.1	SW.	50	SW.	2	1	3	1	0	1	31	25	0	0	23	7	1	3	1	0	0	1	0	0	4	0	4	0
September	11.1	W.	49	SW.	2	5	1	15	4	2	12	20	1	0	22	5	3	1	1	1	0	0	0	0	0	7	0	0
October	9.1	W.	37	SW.	0	7	4	13	3	0	15	19	1	0	16	6	9	8	5	4	3	0	0	0	0	21	4	0
November	7.5	W.	36	NE.	0	2	7	10	3	0	8	28	2	0	25	2	3	3	2	1	0	0	0	0	0	29	1	0
December	9.1	W.	37	SW.	0	3	8	15	5	2	4	20	5	0	25	6	0	0	0	4	0	0	1	5	0	31	0	0
Year	10.7	W.	58	SW.	30	44	54	90	33	18	176	206	50	1	178	106	82	53	36	41	26	5	3	10	6	210	30	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

NANTUCKET, MASS.

[ϕ=41° 17′ N.; λ=70° 6′ 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	29.952	30.505	29.015	24.8	26.0	32.6	20.0	26.3	50	5	20	18	80	72	0.122	0.109	4.13	0.95	7.0	5.3	6.4
February	29.866	30.400	29.071	25.2	27.9	34.3	21.5	27.9	52	4	19	21	76	74	.110	.116	2.77	1.27	4.9	3.1	4.7
March	30.078	30.659	29.404	34.4	34.2	41.4	29.0	35.2	55	15	30	29	82	80	.174	.169	5.85	1.23	6.5	4.8	6.0
April	29.978	30.627	29.321	44.1	43.0	50.2	38.9	44.5	62	28	39	40	84	87	.246	.248	2.91	.80	4.5	6.3	6.1
May	29.974	30.317	29.450	54.4	51.0	59.4	47.7	53.6	68	41	49	48	84	90	.361	.343	4.19	1.45	4.6	4.7	5.8
June	29.986	30.273	29.666	63.5	59.5	69.6	55.3	62.4	78	44	55	55	75	86	.444	.442	.14	.11	4.3	4.4	4.3
July	29.962	30.356	29.515	68.2	65.6	74.5	62.5	68.5	82	55	63	62	84	91	.586	.572	4.90	2.56	4.2	4.4	5.0
August	29.947	30.294	29.623	66.7	64.5	72.8	61.3	67.0	82	53	62	61	84	89	.559	.548	2.37	1.44	4.0	4.0	4.7
September	30.058	30.348	29.693	62.8	60.0	68.8	55.7	62.2	83	44	57	57	81	89	.473	.475	2.25	.87	4.5	4.6	5.1
October	30.043	30.426	29.633	56.6	54.1	62.9	50.1	56.5	74	40	51	50	84	88	.393	.377	1.41	1.05	4.0	3.9	4.6
November	29.970	30.489	29.474	45.2	47.0	52.9	41.5	47.2	65	29	42	44	90	91	.286	.305	2.94	1.13	5.1	4.8	5.8
December	29.992	30.588	29.063	38.8	40.0	46.5	34.3	40.4	57	20	33	34	79	80	.202	.208	6.25	1.56	4.9	5.4	5.5
Year	29.986	30.659	29.015	48.7	47.7	55.5	43.2	49.3	83	4	43	43	82	85	.330	.326	40.61	2.56	4.9	4.6	5.3

NARRAGANSETT PIER, R. I.

[ϕ=41° 19′ N.; λ=71° 17′ W.]

January	.....	.....	.....	.....	.....	30.0	14.2	22.1	51	− 6	.....	.....	.....	.....	.....	.....	3.66	1.11	.....	.....	.....
February	.....	.....	.....	.....	.....	33.9	17.7	25.8	53	− 5	.....	.....	.....	.....	.....	.....	3.12	1.61	.....	.....	.....
March	.....	.....	.....	.....	.....	41.9	26.5	34.2	57	9	.....	.....	.....	.....	.....	.....	8.86	3.58	.....	.....	.....
April	.....	.....	.....	.....	.....	51.7	36.5	44.1	67	24	.....	.....	.....	.....	.....	.....	5.09	1.06	.....	.....	.....
May	.....	.....	.....	.....	.....	61.1	47.2	54.2	75	32	.....	.....	.....	.....	.....	.....	3.73	1.08	.....	.....	.....
June	.....	.....	.....	.....	.....	71.8	53.9	62.8	89	41	.....	.....	.....	.....	.....	.....	.92	.63	.....	.....	.....
July	.....	.....	.....	.....	.....	76.5	60.5	68.5	90	48	.....	.....	.....	.....	.....	.....	3.60	2.32	.....	.....	.....
August	.....	.....	.....	.....	.....	73.7	58.5	66.1	83	41	.....	.....	.....	.....	.....	.....	3.39	1.05	.....	.....	.....
September	.....	.....	.....	.....	.....	69.8	53.3	61.6	83	37	.....	.....	.....	.....	.....	.....	3.11	1.37	.....	.....	.....
October	.....	.....	.....	.....	.....	63.9	46.5	55.2	76	28	.....	.....	.....	.....	.....	.....	1.62	.77	.....	.....	.....
November	.....	.....	.....	.....	.....	52.5	35.8	44.2	73	19	.....	.....	.....	.....	.....	.....	4.18	1.85	.....	.....	.....
December	.....	.....	.....	.....	.....	45.5	30.0	37.8	58	14	.....	.....	.....	.....	.....	.....	6.84	1.51	.....	.....	.....
Year	.....	.....	.....	.....	.....	56.0	40.0	48.0	90	− 6	.....	.....	.....	.....	.....	.....	48.12	3.58	.....	.....	.....

NASHVILLE, TENN.

[ϕ=36° 10′ N.; λ=86° 47′ W.]

January	29.556	29.869	28.997	27.4	35.0	41.7	22.9	32.3	62	− 6	22	24	79	65	0.126	0.142	2.92	1.07	6.5	4.5	5.3
February	29.467	29.899	28.620	29.6	38.0	45.2	25.9	35.6	63	0	24	27	80	65	.136	.157	4.21	2.32	5.4	5.4	5.8
March	29.529	30.015	28.803	40.4	48.4	54.4	35.8	45.1	79	23	37	39	87	72	.235	.251	6.00	1.75	6.7	6.6	6.8
April	29.464	29.851	28.979	55.3	63.3	69.6	50.6	60.1	80	35	50	48	84	61	.378	.362	11.73	3.88	6.4	6.5	6.2
May	29.410	29.779	29.016	62.2	72.7	78.5	58.4	68.4	91	45	57	56	84	58	.472	.459	4.02	1.89	4.2	5.6	5.0
June	29.478	29.740	29.121	67.2	75.3	81.2	63.1	72.2	89	55	59	60	78	62	.525	.534	5.66	2.11	5.7	5.2	5.8
July	29.486	29.691	29.291	73.3	79.1	85.8	69.8	77.8	93	64	69	69	87	73	.709	.715	5.37	1.53	5.6	6.3	6.2
August	29.454	29.629	29.209	70.6	78.7	85.9	67.5	76.7	92	56	66	67	86	68	.652	.665	3.06	.59	3.8	4.2	4.7
September	29.461	29.717	29.244	66.4	76.7	84.1	63.7	73.9	95	48	62	62	87	61	.577	.570	2.46	.86	2.9	3.4	4.0
October	29.538	29.814	29.173	53.6	67.2	73.8	50.7	62.2	88	37	49	48	84	52	.359	.354	2.45	1.16	4.1	2.6	3.7
November	29.633	29.920	29.318	39.2	51.2	57.9	36.6	47.2	75	22	33	32	79	49	.198	.189	.65	.54	3.3	2.9	3.6
December	29.576	30.022	29.207	35.9	43.2	48.5	32.2	40.4	66	16	31	31	82	62	.188	.187	5.14	1.49	5.6	4.5	5.7
Year	29.504	30.022	28.620	51.8	60.7	67.2	48.1	57.7	95	− 6	47	47	83	62	.380	.382	53.67	3.88	5.0	4.8	5.2

NEW HAVEN, CONN.

[ϕ=41° 18′ N.; λ=72° 56′ W.]

January	29.885	30.418	28.974	17.8	22.3	28.7	13.6	21.2	51	− 6	9	11	67	60	0.078	0.080	3.08	1.22	5.9	4.9	5.3
February	29.802	30.312	28.977	22.5	27.9	35.6	19.7	27.6	57	− 2	13	14	65	55	.085	.092	2.91	1.49	5.1	3.0	3.7
March	29.989	30.515	29.288	31.6	36.5	43.9	27.5	35.7	64	13	24	25	71	64	.140	.149	9.15	2.03	4.7	6.0	5.7
April	29.878	30.505	29.136	44.7	46.9	56.1	38.9	47.5	77	25	36	37	71	71	.219	.236	4.56	1.37	5.8	6.0	6.9
May	29.845	30.188	29.463	56.8	58.9	67.4	50.5	59.0	80	39	48	48	76	71	.350	.350	6.34	2.95	6.3	6.2	6.1
June	29.890	30.236	29.609	65.4	68.4	77.1	56.9	67.0	91	45	51	53	62	59	.395	.416	.50	.28	4.0	4.9	4.6
July	29.877	30.256	29.417	70.3	72.5	81.9	64.1	73.0	95	51	60	61	70	68	.530	.549	2.14	.61	5.3	5.4	4.6
August	29.839	30.184	29.486	68.4	69.0	77.5	60.4	69.0	89	46	58	59	77	71	.510	.516	3.22	1.12	4.8	5.2	5.8
September	29.957	30.271	29.698	61.4	64.6	72.1	56.0	64.0	86	38	55	57	79	76	.446	.480	2.32	.73	5.7	5.3	6.0
October	29.940	30.302	29.476	51.9	57.2	65.8	47.7	56.8	79	37	44	46	74	69	.301	.332	1.22	.88	3.8	3.4	4.7
November	29.888	30.400	29.354	41.5	45.7	52.5	37.3	44.9	72	24	33	35	71	66	.197	.222	3.37	2.05	5.0	3.9	5.2
December	29.903	30.506	29.144	33.8	39.0	44.6	31.1	37.8	65	17	27	29	74	67	.155	.170	6.04	1.52	4.7	5.2	5.4
Year	29.891	30.515	28.974	47.0	50.7	58.6	42.0	50.3	95	− 6	38	40	71	66	.284	.299	44.85	2.95	5.1	5.0	5.3

Annual meteorological summary for the year ending December 31, 1912—Continued.

NANTUCKET, MASS.

[H=121 ft.; h_t=14 ft.; h_r=4 ft.; h_a=90 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	16.9	NW.	56	W.	8	8	3	4	3	2	6	13	23	0	5	13	13	14	12	14	9	0	1	12	0	28	0	0
February	16.9	W.	72	SW.	4	7	3	2	2	2	6	23	13	0	16	7	6	7	6	5	3	0	0	12	0	28	0	0
March	16.8	SW.	53	S.	5	8	7	3	5	9	11	4	15	0	12	8	11	16	13	9	4	0	11	5	0	20	2	0
April	17.9	SW.	50	SW.	3	6	9	1	6	5	16	9	8	0	6	12	12	17	11	2	0	0	8	0	0	5	2	0
May	17.5	SW.	42	NE.	2	4	7	5	7	8	21	8	2	0	12	9	10	10	7	0	0	0	12	0	0	0	4	0
June	15.7	SW.	37	NE.	0	2	8	1	5	4	21	15	4	0	13	15	2	3	1	0	0	0	6	0	0	0	2	0
July	14.6	SW.	38	SW.	0	10	3	0	2	7	31	7	2	0	12	11	8	8	8	0	0	0	14	0	0	0	7	0
August	12.7	SW.	36	S.	0	8	5	3	3	10	24	7	2	0	11	14	6	7	6	0	0	0	11	0	0	0	4	0
September	13.8	SW.	44	NE.	1	3	12	9	6	8	13	7	2	0	8	17	5	10	8	0	0	0	3	0	0	0	4	0
October	14.2	SW.	36	NW.	0	6	0	7	11	4	17	7	10	0	14	12	5	5	4	0	0	0	4	0	0	0	1	0
November	17.9	W.	62	NE.	4	5	3	1	3	4	16	13	15	0	12	8	10	10	9	1	0	1	2	0	0	4	2	0
December	17.	W.	58	NE.	9	5	1	4	3	9	9	21	10	0	15	4	12	9	8	3	1	0	2	0	0	10	0	0
Year	16.0	SW.	72	SW.	36	72	61	40	56	72	191	134	106	0	136	130	100	116	93	34	17		74	29	0	95	28	0

NARRAGANSETT PIER, R. I.

[H=—— ft.; h_t=9 ft.; h_r=3 ft.; h_a=—— ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	.....	NW.	....	.....	....	4	4	1	1	2	5	6	8	0	17	10	4	14	9	16	8	0	0	19	0	30	0	0
February	.....	W.	....	.....	....	2	2	1	0	2	6	11	5	0	21	5	3	7	7	5	2	1	0	13	0	28	1	0
March	.....	NW.	....	.....	....	5	3	0	5	2	5	5	6	0	20	1	10	15	13	6	4	1	3	6	0	21	1	0
April	.....	SW.	....	.....	....	1	5	2	2	4	9	4	3	0	12	7	11	19	16	0	0	1	2	0	0	7	1	0
May	.....	SW.	....	.....	....	0	3	1	8	6	8	5	0	0	8	9	14	13	9	0	0	0	4	0	0	1	3	0
June	.....	SW.	....	.....	....	0	4	1	3	0	15	3	4	0	14	12	4	4	4	0	0	0	1	0	0	0	1	0
July	.....	SW.	....	.....	....	0	1	2	4	2	18	2	2	0	16	7	8	10	9	0	0	0	2	0	1	0	4	0
August	.....	SW.	....	.....	....	2	1	2	7	3	14	1	1	0	9	16	6	6	6	0	0	0	1	0	0	0	4	0
September	.....	SW.	....	.....	....	1	5	4	2	7	8	2	1	0	12	11	7	11	6	0	0	1	0	0	0	0	2	0
October	.....	W.	....	.....	....	0	1	1	6	3	9	10	1	0	19	6	6	7	4	0	0	0	1	0	0	1	1	0
November	.....	W.	....	.....	....	0	3	1	2	3	8	12	1	0	18	1	11	9	7	2	1	0	0	0	0	10	1	0
December	.....	W.	....	.....	....	1	2	0	1	2	8	14	3	0	19	3	9	8	8	2	1	0	2	1	0	20	0	0
Year	.....	SW.	....	.....	....	16	34	16	41	36	113	75	35	0	185	88	93	123	98	31	16	4	16	39	1	118	19	0

NASHVILLE, TENN.

[H=546 ft.; h_t=168 ft.; h_r=161 ft.; h_a=191 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.5	NW.	37	NW.	0	3	8	5	9	6	4	9	18	0	11	10	10	9	6	8	3	0	0	8	0	24	0	0
February	10.4	W.	48	NW.	2	6	12	2	6	1	7	13	10	1	10	7	12	8	8	8	3	0	0	4	0	22	2	0
March	9.9	SE.	33	S.	0	8	11	4	12	6	8	4	9	0	9	3	19	16	11	4	2	0	1	0	0	10	1	0
April	10.8	S.	50	NW.	3	3	4	9	13	16	2	9	4	0	4	13	13	14	12	0	0	0	1	0	0	0	11	0
May	7.9	SW.	38	SW.	0	8	2	10	11	8	13	6	3	1	12	10	9	10	7	0	0	1	1	0	1	0	4	0
June	8.3	NE.	28	NW.	0	6	15	7	8	8	7	4	5	0	9	8	13	12	9	0	0	0	0	0	0	0	8	0
July	6.6	SE.	53	SE.	1	10	7	5	17	6	6	6	5	0	5	14	12	16	12	0	0	0	0	0	8	0	16	0
August	7.2	SW.	46	NW.	1	4	7	1	3	17	22	5	3	0	12	13	6	11	9	0	0	0	2	0	7	0	8	0
September	7.5	N.	36	SE.	0	15	12	8	4	5	6	7	3	0	15	9	6	8	7	0	0	0	1	0	11	0	6	0
October	7.4	N.	34	S.	0	12	9	5	11	8	3	8	6	0	16	10	5	5	5	0	0	0	2	0	0	0	1	0
November	8.6	W.	37	NW.	0	3	1	2	12	10	8	13	10	1	16	7	7	3	2	2	0	0	5	0	0	10	0	0
December	8.7	SE.	34	NW.	0	4	5	5	12	9	6	10	11	0	11	6	14	13	11	3	1	0	3	1	0	17	1	0
Year	8.6	SE.	53	SE.	7	82	93	63	118	100	92	94	87	3	130	110	126	125	99	25	9	1	16	13	27	83	58	0

NEW HAVEN, CONN.

[H=106 ft.; h_t=117 ft.; h_r=111 ft.; h_a=155 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.2	N.	42	W.	1	14	4	1	0	6	7	13	17	0	10	11	10	14	7	16	11	0	0	18	0	30	0	0
February	10.5	NW.	50	S.	1	14	3	0	0	5	7	10	19	0	14	11	4	8	5	8	3	0	0	13	0	26	1	0
March	10.4	NW.	48	S.	1	18	7	0	6	11	3	3	14	0	10	8	13	14	12	9	8	0	2	7	0	21	2	0
April	9.1	S.	37	W.	0	11	7	3	8	11	4	2	14	0	3	14	13	16	13	3	0	0	3	0	0	4	2	0
May	9.5	S.	33	SW.	0	12	4	3	10	15	8	3	7	0	9	9	13	13	8	0	0	1	1	0	0	0	5	0
June	8.5	S.	28	NE.	0	5	3	3	7	11	10	4	17	0	11	13	6	6	2	0	0	0	0	0	1	0	4	0
July	8.2	S.	27	NW.	0	8	1	2	10	19	8	3	11	0	15	8	8	9	8	0	0	0	0	0	5	0	10	0
August	7.7	S.	37	SW.	0	11	4	1	9	15	7	5	10	0	7	15	9	12	6	0	0	0	0	0	0	0	4	0
September	7.5	N.	26	SW.	0	19	5	2	3	14	3	4	10	0	8	10	12	13	9	0	0	0	0	0	0	0	3	0
October	8.1	N.	31	NW.	0	13	3	2	7	10	9	4	14	0	14	8	9	7	5	0	0	0	2	0	0	0	1	0
November	9.7	SW.	42	SE.	1	5	3	0	3	7	21	7	14	0	12	8	10	6	6	2	1	1	0	0	0	8	1	0
December	9.3	SW.	43	NW.	1	11	4	3	1	7	24	6	6	0	10	10	11	7	7	4	1	0	2	3	0	16	0	0
Year	9.1	NW.	50	S.	5	141	48	20	64	131	111	64	153	0	123	125	118	125	88	42	24	2	10	41	6	105	33	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

NEW ORLEANS, LA.

[ϕ=29° 58′ N.; λ=90° 4′ 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	30.071	30.474	29.683	46.1	51.8	58.6	41.9	50.2	77	23	41	44	84	75	0.283	0.305	5.10	3.09	7.1	4.9	6.6
February	29.989	30.321	29.494	44.9	53.8	60.2	42.8	51.5	75	27	40	43	83	68	.265	.300	3.73	1.81	6.1	4.0	6.2
March	30.019	30.309	29.553	55.7	62.1	69.4	52.4	60.9	85	39	52	55	86	79	.404	.459	10.81	4.29	7.6	5.5	6.9
April	29.968	30.307	29.717	66.7	70.6	78.1	62.8	70.4	86	51	63	63	87	79	.595	.600	8.62	1.69	7.5	7.4	8.0
May	29.924	30.224	29.670	72.7	76.5	83.9	68.1	76.0	91	61	67	68	82	76	.666	.690	16.80	6.94	3.7	5.6	4.9
June	29.933	30.080	29.661	75.7	78.4	83.6	72.3	78.0	90	66	69	68	79	73	.712	.702	4.11	1.37	7.5	7.2	7.1
July	29.977	30.180	29.814	78.7	82.4	88.3	75.2	81.8	95	70	74	72	85	73	.828	.796	7.38	1.35	5.3	7.1	6.5
August	29.970	30.104	29.820	79.2	82.0	89.9	75.9	82.9	94	72	74	73	84	75	.833	.812	4.93	1.64	4.9	5.6	6.7
September	29.886	30.077	29.602	78.0	81.5	88.7	75.4	82.0	98	70	73	71	85	72	.817	.768	3.84	1.77	4.4	6.2	6.2
October	29.957	30.116	29.765	67.4	73.3	79.3	65.7	72.5	88	53	64	64	89	73	.612	.606	2.47	.87	4.8	3.7	5.5
November	30.143	30.415	29.810	53.5	60.3	67.1	51.6	59.4	81	37	47	49	80	68	.345	.368	2.50	2.30	4.3	3.1	4.5
December	30.080	30.432	29.754	52.1	56.1	62.2	48.6	55.4	77	36	48	49	86	79	.360	.377	11.21	3.15	7.3	6.0	7.1
Year	29.993	30.474	29.494	64.2	69.1	75.8	61.1	68.4	98	23	59	60	84	74	.560	.565	81.50	6.94	5.9	5.5	6.4

NEW YORK, N. Y.

[ϕ=40° 43′ N.; λ=74° 0′ W.]

January	29.682	30.178	28.940	20.6	24.3	31.5	15.5	23.5	52	− 3	13	12	71	58	0.086	0.080	1.86	0.77	6.7	5.0	6.3
February	29.600	30.098	28.892	23.3	29.9	36.1	20.7	28.4	58	− 2	15	17	67	56	.093	.103	2.06	1.08	5.2	3.3	4.4
March	29.771	30.279	28.991	33.2	37.9	44.5	29.2	36.8	65	13	26	26	75	64	.156	.155	5.68	1.28	5.4	5.7	6.0
April	29.667	30.273	28.889	45.1	49.5	57.4	40.5	49.0	74	27	35	37	70	66	.217	.234	3.61	.95	6.1	5.9	6.4
May	29.629	29.929	29.271	58.1	61.1	68.9	52.5	60.7	84	43	49	48	73	65	.357	.350	3.94	1.86	5.5	5.4	5.6
June	29.691	30.057	29.458	65.4	69.5	76.3	60.6	68.4	93	50	52	53	63	59	.405	.432	1.17	.47	5.4	5.9	5.7
July	29.675	30.052	29.241	70.4	74.1	81.6	66.3	74.0	93	58	60	61	72	65	.549	.548	3.26	1.91	4.5	5.9	5.1
August	29.626	29.943	29.277	67.7	71.4	77.8	63.6	70.7	89	53	58	58	73	65	.500	.506	2.77	1.17	4.4	5.0	6.1
September	29.735	30.061	29.488	63.2	66.6	72.5	59.3	65.9	88	39	56	57	80	73	.475	.485	3.38	1.34	5.9	4.9	6.2
October	29.722	30.039	29.231	54.4	59.5	66.1	50.9	58.5	79	40	44	46	70	64	.310	.332	4.32	3.77	4.5	3.3	5.1
November	29.681	30.177	29.078	43.5	47.7	53.3	40.0	46.6	71	27	34	33	68	57	.203	.202	2.21	1.09	5.0	4.2	5.0
December	29.697	30.274	29.026	35.	40.5	44.8	32.2	38.5	63	17	28	28	74	60	.163	.163	4.24	1.17	5.1	5.2	5.8
Year	29.681	30.279	28.889	48.4	52.7	59.2	44.3	51.8	93	− 3	39	40	71	63	.293	.299	38.50	3.77	5.3	5.0	5.6

NOME, ALASKA.

[ϕ=—° —′ N.; λ=—° —′ W.]

January	29.723	30.700	28.970	.....	.....	21.5	6.8	14.2	34	−11	.....	.....	.....	.....	.....	.....	0.63	0.22	.....	.....	.....
February	29.667	29.900	29.270	.....	.....	15.6	2.4	9.0	41	−34	.....	.....	.....	.....	.....	.....	.20	.12	.....	.....	.....
March	29.719	30.450	29.120	.....	.....	26.5	10.0	18.2	33	−10	.....	.....	.....	.....	.....	.....	1.31	.16	.....	.....	.....
April	29.671	30.220	28.970	.....	.....	33.7	22.2	28.0	48	−19	.....	.....	.....	.....	.....	.....	.41	.20	.....	.....	.....
May	29.670	30.030	29.160	.....	.....	48.8	33.4	41.1	62	22	.....	.....	.....	.....	.....	.....	.65	.21	.....	.....	.....
June	29.890	30.200	29.520	.....	.....	53.9	38.6	46.2	72	26	.....	.....	.....	.....	.....	.....	.29	.14	.....	.....	.....
July	29.840	30.220	29.230	.....	.....	59.4	48.5	54.0	72	38	.....	.....	.....	.....	.....	.....	2.52	.62	.....	.....	.....
August	29.620	30.110	29.230	.....	.....	54.9	44.3	49.6	65	32	.....	.....	.....	.....	.....	.....	4.81	.69	.....	.....	.....
September	29.648	30.190	28.980	.....	.....	48.7	36.0	42.4	58	24	.....	.....	.....	.....	.....	.....	.98	.26	.....	.....	.....
October	29.610	30.100	29.200	.....	.....	32.7	23.2	28.0	45	6	.....	.....	.....	.....	.....	.....	.77	.24	.....	.....	.....
November	29.372	30.000	28.810	.....	.....	25.0	15.0	20.0	38	0	.....	.....	.....	.....	.....	.....	.42	.19	.....	.....	.....
December	29.573	30.210	29.010	.....	.....	08.3	−1.7	3.3	32	−30	.....	.....	.....	.....	.....	.....	.42	.09	.....	.....	.....
Year	29.667	30.700	28.810	.....	.....	35.8	23.2	29.5	72	−34	.....	.....	.....	.....	.....	.....	13.41	.69	.....	.....	.....

NORFOLK, VA.

[ϕ=36° 51′ N.; λ=76° 17′ W.]

January	29.990	30.417	29.500	30.3	34.0	40.6	26.4	33.5	61	11	24	28	76	79	0.136	0.160	3.39	0.68	5.5	5.0	6.4
February	29.901	30.395	28.938	32.5	38.7	46.2	29.9	38.0	68	15	26	31	76	74	.148	.189	2.66	1.18	4.9	3.7	4.6
March	30.024	30.544	29.340	43.3	47.7	55.4	39.1	47.2	80	25	37	41	79	77	.238	.268	5.18	1.23	6.0	3.9	5.8
April	29.968	30.490	29.270	57.0	61.7	70.2	51.7	61.0	83	39	47	52	70	72	.340	.401	2.78	1.20	4.8	4.3	5.3
May	29.904	30.186	29.526	65.9	68.3	77.3	59.7	68.5	89	47	56	59	72	74	.472	.515	1.75	.57	4.3	4.5	4.2
June	29.956	30.321	29.738	71.2	72.5	80.8	65.2	73.0	94	53	62	66	75	80	.582	.641	4.63	1.40	5.7	5.6	5.4
July	29.964	30.282	29.515	74.9	78.0	85.5	70.2	77.8	92	64	66	68	76	74	.660	.702	1.86	.67	3.9	2.9	4.0
August	29.906	30.150	29.591	73.3	76.3	84.5	69.2	76.8	96	58	65	68	76	75	.629	.681	2.12	.57	3.7	3.0	4.4
September	29.959	30.237	29.796	72.4	72.7	80.7	67.8	74.2	91	50	66	66	80	80	.645	.652	2.61	1.76	4.2	3.8	4.8
October	30.001	30.337	29.699	59.6	63.5	71.4	55.8	63.6	88	45	52	55	76	75	.403	.447	.78	.45	3.3	3.6	3.4
November	30.018	30.500	29.496	45.8	52.8	60.3	42.8	51.6	77	29	37	40	72	64	.237	.267	1.96	.77	3.3	2.5	3.1
December	30.024	30.456	29.516	42.9	47.7	56.5	38.9	47.7	74	27	36	38	78	70	.238	.251	4.65	2.49	4.1	4.1	4.9
Year	29.968	30.544	28.938	55.8	59.5	67.4	51.4	59.4	96	11	48	51	76	74	.294	.431	34.37	2.49	4.5	3.9	4.7

Annual meteorological summary for the year ending December 31, 1912—Continued.

NEW ORLEANS, LA.

[H=51 ft.; h_1=90 ft.; h_2=78 ft.; h_3=121 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	9.5	N.	36	N.	0	13	14	7	5	10	5	2	6	0	8	5	18	11	9	0	0	0	0	0	0	4	2	0
February	10.0	NW.	34	E.	0	6	7	9	6	7	7	3	13	0	6	9	14	13	10	0	0	1	0	0	0	3	5	0
March	9.3	SE.	45	SW.	2	7	7	12	11	9	7	5	4	0	3	13	15	10	9	0	0	0	2	0	0	0	6	0
April	10.1	S.	30	SW.	0	3	8	6	19	16	4	1	3	0	3	6	21	16	14	0	0	1	1	0	0	0	9	0
May	7.4	SW.	29	NW.	0	6	7	4	9	14	12	1	8	1	13	11	7	12	12	0	0	0	0	0	4	0	11	0
June	10.4	NE.	42	S.	1	5	18	3	6	15	4	5	4	0	2	12	16	13	11	0	0	0	0	0	1	0	7	0
July	5.9	SE.	28	S.	0	4	8	6	9	6	10	12	7	0	7	6	18	18	15	0	0	0	0	0	12	0	19	0
August	6.0	S.	31	S.	0	2	6	11	9	15	11	5	3	0	1	20	10	15	14	0	0	0	0	0	16	0	15	0
September	6.6	NE.	25	SE.	0	12	17	2	8	10	0	6	4	1	5	15	10	9	6	0	0	0	0	0	17	0	12	0
October	7.6	NE.	29	SE.	0	10	26	7	14	0	2	0	3	0	13	5	13	7	6	0	0	0	0	0	0	0	0	0
November	7.7	NE.	32	N.	0	11	28	3	9	2	0	1	6	0	14	9	7	5	3	0	0	0	0	0	0	0	2	0
December	8.4	NE.	28	SE.	0	6	18	12	5	8	2	2	9	0	6	5	20	19	17	0	0	0	7	0	0	0	1	0
Year	8.2	NE.	45	SW.	3	85	164	82	110	112	64	43	70	2	81	116	169	148	126	0	0	2	10	0	50	7	89	0

NEW YORK, N. Y.

[H=314 ft.; h_1=414 ft.; h_2=407 ft.; h_3=454 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	20.1	NW.	68	NW.	10	11	10	3	2	0	6	6	24	0	8	9	14	15	11	14	10	0	0	16	0	30	0	0
February	21.0	NW.	96	SW.	13	12	3	6	3	1	3	7	23	0	12	11	6	4	3	7	2	0	1	11	0	24	1	0
March	18.7	N.	78	SW.	11	14	8	6	6	8	7	2	11	0	8	10	13	16	12	7	6	0	5	4	0	18	2	0
April	20.7	NW.	84	NW.	10	6	2	12	3	5	8	9	15	0	7	11	12	16	13	2	0	0	3	0	0	4	5	0
May	18.0	SW.	57	NW.	10	5	3	9	6	9	15	5	10	0	11	9	11	10	10	0	0	1	1	0	0	0	4	0
June	15.6	NW.	61	NW.	2	10	2	4	6	7	8	13	10	0	10	9	11	8	4	0	0	0	1	0	1	0	3	0
July	14.6	SW.	44	SW.	4	7	5	1	4	7	18	9	11	0	14	7	10	9	7	0	0	0	1	0	4	0	7	0
August	14.8	NW.	49	W.	5	15	0	1	6	6	9	12	13	0	4	20	7	12	9	0	0	0	0	0	0	0	8	0
September	13.6	SW.	48	SW.	4	8	3	12	7	5	13	7	5	0	10	3	17	10	9	0	0	0	0	0	0	0	3	0
October	15.5	NW.	60	NW.	5	13	0	8	5	5	9	12	10	0	11	10	10	4	3	0	0	0	1	0	0	0	1	0
November	20.7	NW.	60	NW.	10	8	1	4	1	2	8	18	18	0	12	10	8	6	5	2	1	0	0	0	0	4	1	0
December	19.5	NW.	72	NW.	13	2	3	3	3	3	9	19	20	0	9	12	10	9	7	3	1	0	4	3	0	16	0	0
Year	17.7	NW.	96	SW.	97	111	40	69	52	58	113	119	170	0	116	121	129	119	93	35	20	1	17	34	5	96	35	0

NOME, ALASKA.

[H=—— ft.; h_1=—— ft.; h_2=—— ft.; h_3=—— ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.0	.....	46	N.	....	....	....	....	....	....	....	....	....	....	16	2	13	5	....	5	....	....	1	....	....	....	....	....
February	9.5	.....	42	SE.	....	....	....	....	....	....	....	....	....	....	14	1	14	2	....	2	....	....	0	....	....	....	....	....
March	11.9	.....	54	SW.	....	....	....	....	....	....	....	....	....	....	5	2	24	12	....	11	....	....	0	....	....	....	....	....
April	9.1	.....	22	NE.	....	....	....	....	....	....	....	....	....	....	13	5	12	3	....	1	....	....	1	....	....	....	....	....
May	8.7	.....	28	N.	....	....	....	....	....	....	....	....	....	....	9	11	11	6	....	0	....	....	0	....	....	....	....	....
June	8.0	.....	32	SW.	....	....	....	....	....	....	....	....	....	....	9	6	15	6	....	0	....	....	0	....	....	....	....	....
July	8.2	.....	28	SW.	....	....	....	....	....	....	....	....	....	....	4	4	23	18	....	0	....	....	0	....	....	....	....	....
August	7.8	.....	24	NE.	....	....	....	....	....	....	....	....	....	....	0	4	27	23	....	0	....	....	1	....	....	....	....	....
September	7.8	.....	29	NE.	....	....	....	....	....	....	....	....	....	....	9	3	18	10	....	0	....	....	0	....	....	....	....	....
October	7.9	.....	27	SE.	....	....	....	....	....	....	....	....	....	....	16	3	12	7	....	0	....	....	0	....	....	....	....	....
November	10.2	.....	38	N.	....	....	....	....	....	....	....	....	....	....	7	7	16	5	....	2	....	....	0	....	....	....	....	....
December	7.8	.....	34	NE.	....	....	....	....	....	....	....	....	....	....	15	1	15	6	....	6	....	....	0	....	....	....	....	....
Year	8.7	.....	54	.....	....	....	....	....	....	....	....	....	....	....	117	49	200	103	....	27	....	....	3	....	....	....	....	....

NORFOLK, VA.

[H=91 ft.; h_1=102 ft.; h_2=96 ft.; h_3=111 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.5	NE.	38	NW.	0	6	22	4	2	6	6	5	11	0	9	7	15	13	11	9	5	0	2	5	0	21	0	0
February	10.4	NE.	58	SW.	3	8	9	5	6	11	1	9	9	0	13	8	8	8	7	3	1	0	3	4	0	17	1	0
March	10.8	S.	44	S.	2	8	15	3	4	21	4	3	4	0	10	7	14	17	13	5	5	0	3	1	0	7	0	0
April	11.9	S.	42	NW.	2	4	6	2	3	32	7	0	6	0	12	7	11	10	6	0	0	0	1	0	0	0	2	0
May	9.9	S.	36	S.	0	5	4	7	0	33	5	2	6	0	14	10	7	14	11	0	0	0	0	0	0	0	9	0
June	8.7	S.	38	NW.	0	4	12	6	4	24	6	1	3	0	9	12	9	12	9	0	0	0	0	0	4	0	5	0
July	8.9	S.	36	W.	0	4	6	6	3	36	5	1	1	0	14	13	4	7	5	0	0	0	1	0	8	0	7	0
August	8.0	S.	33	NW.	0	4	11	3	6	27	5	2	4	0	12	15	4	11	10	0	0	0	0	0	7	0	9	0
September	9.2	S.	30	S.	0	4	13	9	5	21	3	2	3	0	13	8	9	9	8	0	0	0	1	0	4	0	3	0
October	8.1	S.	26	NE.	0	7	18	2	4	23	2	2	4	0	19	8	4	4	3	0	0	0	0	0	0	0	1	0
November	8.7	S.	33	NW.	0	11	0	2	0	24	7	9	7	0	20	5	5	4	4	1	1	0	0	0	0	2	0	0
December	9.5	S.	58	W.	1	4	7	1	4	23	10	8	5	0	13	6	12	13	10	3	1	0	3	0	0	8	0	0
Year	9.6	S.	58	SW.	8	69	123	50	41	281	61	44	63	0	158	106	102	122	97	21	13	0	14	10	23	55	37	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

NORTHFIELD, VT.

[ϕ=44° 10′ N.; λ=72° 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	28.994	29.583	28.005	1.8	6.5	16.7	−5.4	5.6	39	−32	−1	2	88	82	0.050	0.050	1.72	0.48	6.9	4.8	6.2
February	28.918	29.457	27.783	8.6	14.8	24.7	1.8	13.2	41	−25	6	11	91	84	.067	.075	2.37	1.25	6.6	5.2	6.0
March	29.137	29.675	28.398	16.9	24.3	34.7	9.6	22.2	52	−22	12	18	82	76	.087	.109	2.49	.80	5.2	4.8	5.3
April	29.013	29.597	28.429	37.3	40.4	50.1	28.2	39.2	71	18	28	31	70	72	.165	.184	1.95	.30	5.7	4.7	5.8
May	29.002	29.391	28.572	51.8	54.7	63.6	41.1	52.4	85	26	44	46	75	73	.294	.316	6.87	1.97	6.9	6.8	6.8
June	29.042	29.332	28.722	58.3	59.6	70.6	44.1	57.4	85	30	48	51	69	75	.348	.389	1.05	.33	4.5	4.0	4.8
July	29.052	29.399	28.628	65.0	66.6	78.7	51.2	65.0	94	36	57	59	75	78	.488	.524	3.31	1.03	4.7	3.7	4.9
August	29.015	29.367	28.621	58.2	59.3	69.9	49.2	59.6	83	36	53	56	84	88	.417	.452	3.46	.69	6.6	5.9	7.7
September	29.132	29.420	28.816	52.8	55.2	65.6	45.4	55.5	79	33	50	52	89	88	.369	.399	3.94	1.34	7.1	6.2	7.3
October	29.085	29.478	28.781	43.7	47.2	59.1	36.3	47.7	80	21	38	40	82	76	.243	.253	4.45	3.00	4.7	4.5	5.3
November	29.002	29.481	28.383	31.9	35.6	44.0	25.6	34.8	66	5	28	29	87	78	.161	.168	3.56	1.53	7.6	6.0	7.6
December	28.984	29.667	28.242	23.8	28.9	36.4	18.0	27.2	61	0	19	22	81	74	.107	.120	1.90	.52	6.7	6.4	6.7
Year	29.031	29.675	27.783	37.5	41.1	51.2	28.8	40.0	94	−32	32	35	81	79	.233	.253	37.07	3.00	6.1	5.2	6.2

NORTH HEAD, WASH.

[ϕ=46° 16′ N.; λ=124° 4′ W.]

January	29.755	30.151	29.070	43.5	45.2	47.9	41.3	44.6	58	30	41	43	92	92	0.265	0.282	10.40	2.35	7.7	8.5	8.3
February	29.869	30.248	29.512	45.4	47.6	50.0	42.7	46.4	59	36	42	43	89	86	.273	.287	4.94	1.10	6.6	7.3	6.6
March	29.762	30.140	29.337	42.0	46.7	49.3	39.9	44.6	61	33	36	39	81	77	.219	.244	2.36	1.11	4.3	4.9	4.0
April	29.788	30.003	29.042	45.1	48.1	49.7	43.5	46.6	54	41	42	44	90	86	.269	.289	3.19	.75	7.5	6.9	6.2
May	29.860	30.143	29.435	51.0	55.3	57.7	49.8	53.8	86	43	47	49	87	82	.324	.351	1.41	.35	6.7	5.2	5.2
June	29.857	30.147	29.501	52.8	55.8	57.7	51.2	54.4	82	47	50	51	90	86	.356	.380	4.07	1.76	7.5	6.1	6.3
July	29.855	30.004	29.601	55.6	57.7	60.0	53.7	56.8	75	51	53	54	92	88	.403	.417	0.94	.24	7.1	6.4	7.2
August	29.803	29.959	29.404	56.7	59.2	61.2	54.7	58.0	73	52	54	56	93	88	.423	.441	3.20	1.52	6.4	5.2	5.9
September	29.809	30.021	29.390	55.9	60.0	63.3	53.5	58.4	81	48	52	54	89	83	.395	.420	2.10	.98	4.2	4.7	5.1
October	29.820	30.105	29.250	50.0	52.7	55.1	47.5	51.3	73	43	47	48	92	87	.328	.341	3.49	.58	5.5	5.6	6.7
November	29.790	30.257	29.276	47.7	48.9	51.2	44.7	48.0	57	40	44	46	89	89	.294	.307	9.79	1.54	7.5	8.6	8.2
December	29.911	30.424	29.199	44.8	45.4	48.0	40.5	44.2	60	35	42	41	92	86	.270	.261	7.18	1.67	6.6	7.5	8.0
Year	29.823	30 424	29.042	49.2	51.9	54.3	46.9	50.6	86	30	46	47	90	86	.318	.335	53.07	2.35	6.5	6.4	6.5

NORTH PLATTE, NEBR.

[ϕ=41° 8′ N.; λ=100° 45′ W.]

January	27.100	27.502	26.695	7.9	17.1	24.3	3.5	13.9	47	−23	5	13	86	84	0.064	0.089	0.74	0.50	3.1	4.7	5.2
February	27.099	27.538	26.722	21.5	31.8	38.0	19.2	28.6	53	− 3	18	25	86	76	.104	.139	.81	.41	4.8	5.9	5.8
March	27.129	27.538	26.751	16.9	27.2	33.3	13.1	23.2	58	− 8	14	22	87	81	.087	.125	3.08	1.49	5.4	5.7	6.3
April	26.978	27.365	26.106	36.7	56.1	62.0	34.3	48.2	80	22	32	33	83	45	.185	.193	2.93	1.66	4.4	4.8	5.0
May	26.990	27.435	26.609	51.0	67.8	73.5	46.1	59.8	91	31	44	44	78	45	.296	.303	1.93	.83	4.8	4.5	4.8
June	27.138	27.447	26.651	56.4	73.7	77.6	52.3	65.0	96	38	49	50	77	47	.355	.366	.57	.18	4.5	4.4	4.2
July	27.105	27.430	26.863	64.4	81.5	86.5	61.6	74.0	99	51	58	60	80	50	.495	.532	4.01	1.16	4.7	4.8	4.2
August	27.054	27.320	26.754	58.9	77.9	83.7	57.6	70.6	98	50	55	59	88	54	.441	.503	1.27	.67	3.6	3.9	4.5
September	27.119	27.575	26.756	47.9	61.9	70.3	45.9	58.1	95	27	44	45	86	57	.303	.318	2.04	.80	5.2	5.0	4.9
Oct[illegible]	27.107	27.492	26.616	38.7	56.1	66.6	36.4	51.5	88	28	34	36	82	48	.196	.213	1.12	.38	2.7	2.7	3.0
Nov[illegible]er	27.154	27.680	26.682	28.1	43.7	57.1	25.6	41.4	77	14	24	26	86	50	.130	.141	.01	.01	2.2	1.9	3.0
Dec[illegible]ber	27.076	27.429	26.546	20.2	31.5	42.9	16.4	29.6	60	5	16	19	82	60	.088	.104	.18	.12	2.7	1.9	4.0
Year	27.087	27.680	26.106	37.4	52.2	59.6	34.3	47.0	99	−23	33	36	83	58	.229	.252	18.69	1.66	4.0	4.2	4.6

OKLAHOMA, OKLA.

[ϕ=35° 26′ N.; λ=97° 33′ W.]

January	28.816	29.270	28.322	22.0	33.8	41.0	19.3	30.2	71	− 7	19	26	88	73	0.110	0.149	0.10	0.10	3.8	3.2	4.4
February	28.745	29.290	28.074	30.4	40.0	47.7	27.0	37.4	68	5	26	27	82	60	.142	.152	1.37	0.66	4.3	3.5	4.6
March	28.760	29.163	28.335	36.2	43.6	49.1	32.7	40.9	86	19	33	35	88	75	.201	.220	4.11	2.12	6.6	6.7	6.8
April	28.659	29.071	28.243	50.1	64.2	68.7	48.9	58.8	81	35	43	45	79	54	.294	.331	2.81	1.04	5.5	4.5	4.8
May	28.618	28.983	28.174	62.4	75.6	80.5	60.5	70.5	94	46	55	54	77	49	.443	.434	2.91	1.98	5.1	2.2	3.3
June	28.725	28.985	28.167	66.0	79.4	84.4	63.2	73.8	104	53	60	58	81	52	.522	.496	4.75	3.30	4.1	3.2	3.9
July	28.707	28.848	28.562	73.9	87.8	92.8	72.2	82.5	102	63	66	65	78	48	.645	.621	2.32	1.60	3.8	1.9	2.4
August	28.686	28.870	28.534	70.5	83.7	89.4	69.6	79.5	98	62	66	67	86	60	.642	.666	3.61	2.74	4.1	2.1	2.9
September	28.728	29.095	28.328	62.0	74.3	81.4	59.5	70.4	98	35	55	55	78	53	.460	.451	2.64	1.02	4.1	2.9	3.3
October	28.760	29.137	28.438	54.0	65.9	75.6	51.6	63.6	93	37	46	47	76	54	.334	.353	1.38	1.12	2.5	3.5	3.1
November	28.870	29.300	28.456	40.7	52.4	61.6	34.8	50.0	76	25	33	33	74	49	.198	.205	.39	.38	1.8	1.4	2.8
December	28.816	29.261	28.385	32.1	40.6	49.5	28.4	39.0	65	21	26	25	78	55	.151	.140	.62	.32	3.2	1.7	3.8
Year	28.741	29.300	28.074	50.0	61.8	68.5	47.3	58.0	104	− 7	44	45	80	57	.345	.352	27.01	3.30	4.1	3.1	3.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

NORTHFIELD, VT.

[H=876 ft.; h_t=12 ft.; h_r=3 ft.; h_a=60 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	6.9	N.	32	SW.	0	14	1	0	1	22	19	1	4	0	8	8	15	15	7	21	15	0	0	29	0	31	0	2
February	6.6	N.	39	SW.	0	17	4	2	1	19	10	0	5	0	7	9	13	6	5	18	5	0	0	22	0	29	0	0
March	7.6	N.	30	N.	0	25	4	0	0	21	8	2	2	0	10	12	9	11	7	15	9	0	0	13	0	30	0	0
April	9.2	S.	32	S.	0	16	4	1	2	21	8	0	8	0	10	8	12	15	14	6	4	0	0	2	0	21	1	1
May	8.9	S.	29	SW.	0	16	3	0	2	23	16	1	1	0	6	8	17	15	13	1	1	0	2	0	0	5	5	0
June	7.6	S.	46	N.	1	11	6	1	3	27	7	0	5	0	10	15	5	12	9	0	0	0	1	0	0	3	4	0
July	5.9	S.	27	N.	0	18	5	3	5	24	3	3	1	0	11	13	7	12	8	0	0	0	1	0	7	0	8	0
August	5.7	S.	22	SW.	0	17	4	2	1	21	10	4	3	0	3	9	19	17	14	0	0	0	2	0	0	0	6	0
September	6.0	S.	22	N.	0	11	3	1	0	26	17	1	1	0	4	9	17	18	13	0	0	0	6	0	0	0	4	0
October	7.9	S.	27	SW.	0	16	3	0	0	21	14	2	6	0	11	9	11	12	7	0	0	1	1	0	0	12	2	1
November	8.0	S.	32	S.	0	15	3	0	2	24	12	0	4	0	3	9	18	10	8	8	4	0	0	4	0	23	0	0
December	8.6	S.	32	SW.	0	9	2	1	2	23	18	0	7	0	9	4	18	10	8	16	6	0	0	13	0	29	0	0
Year	7.4	S.	46	N.	1	185	42	11	19	272	142	14	47	0	92	113	161	153	113	85	44	1	13	83	7	183	30	4

NORTH HEAD, WASH.

[H=211 ft.; h_t=11 ft.; h_r=3 ft.; h_a=56 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	20.6	E.	74	SE.	12	1	4	31	13	6	[illegible]	2	3	0	3	6	22	20	18	0	0	0	6	0	0	3	0	0
February	19.8	E.	73	SE.	12	1	2	16	12	9	2	7	9	0	7	6	16	19	18	0	0	0	0	0	0	0	1	0
March	12.2	E.	60	SE.	4	10	2	15	5	5	4	4	17	0	17	6	8	13	9	1	0	0	2	0	0	0	0	0
April	16.8	NW.	56	SE.	10	2	0	9	7	12	2	3	25	0	7	10	13	17	14	0	0	0	0	0	0	0	0	0
May	15.8	NW.	57	S.	5	4	0	7	4	13	5	3	26	0	11	13	7	14	10	0	0	0	1	0	0	0	0	0
June	16.1	NW.	60	SE.	1	6	0	1	2	3	3	4	41	0	8	8	14	9	9	0	0	0	2	0	0	0	0	0
July	15.9	NW.	42	SE.	1	4	1	1	9	13	3	1	30	0	4	8	19	10	7	0	0	0	6	0	0	0	0	0
August	13.1	NW.	54	SE.	3	7	2	2	5	11	4	4	27	0	8	12	11	11	8	0	0	0	5	0	0	0	0	0
September	14.4	NW.	64	SE.	4	9	0	13	7	11	2	1	17	0	11	8	11	10	6	0	0	0	4	0	0	0	0	0
October	17.1	SE.	81	S.	11	2	1	14	16	8	2	3	16	0	7	5	19	19	18	0	0	0	2	0	0	0	0	0
November	19.9	SE.	76	SE.	12	3	3	14	11	14	7	2	6	0	2	5	23	21	21	0	0	0	0	0	0	0	0	0
December	20.3	E.	90	S.	15	1	0	15	11	8	9	7	11	0	2	7	22	21	19	0	0	0	0	0	0	0	0	0
Year	16.8	NW.	90	S.	90	50	15	138	102	113	45	41	228	0	87	94	185	184	157	1	0	0	28	0	0	3	1	0

NORTH PLATTE, NEBR.

[H=2,821 ft.; h_t=11 ft.; h_r=3 ft.; h_a=51 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.6	W.	34	NW.	0	9	3	6	1	8	3	26	6	0	12	12	7	8	5	11	8	0	1	18	0	31	0	0
February	7.0	W.	36	N.	0	10	3	4	1	3	6	21	10	0	7	10	12	10	7	9	7	0	0	8	0	29	0	0
March	8.3	W.	26	NE.	0	13	9	2	9	6	9	10	4	0	8	10	13	12	8	14	12	0	1	17	0	31	0	0
April	9.8	W.	42	SW.	2	9	2	5	11	4	10	11	8	0	9	16	5	6	5	1	0	1	0	0	0	11	3	0
May	9.2	N.	36	SE.	0	8	8	8	10	4	5	12	7	0	11	14	6	7	6	0	0	1	0	0	1	2	6	0
June	7.3	SE.	30	NE.	0	5	6	7	14	13	6	8	1	0	13	11	6	7	5	0	0	0	0	0	5	0	4	0
July	7.2	S.	28	W.	0	8	9	4	14	14	3	7	3	0	14	14	3	10	9	0	0	0	0	0	11	0	14	0
August	5.8	SE.	22	S.	0	7	7	6	16	6	5	11	4	0	13	14	4	5	3	0	0	0	0	0	7	0	5	0
September	7.5	N.	32	NE.	0	13	10	2	6	5	9	8	7	0	12	10	8	10	8	1	0	0	0	0	6	2	4	0
October	7.6	W.	36	S.	0	11	5	5	13	5	6	11	6	0	20	7	4	6	5	2	1	0	0	0	0	8	1	0
November	6.8	W.	30	N.	0	8	4	2	5	7	8	19	7	0	15	14	1	1	0	0	0	0	0	0	0	25	1	0
December	8.2	W.	38	N.	0	2	2	1	2	5	10	31	9	0	16	8	7	2	2	5	2	0	0	2	0	31	0	0
Year	7.6	W.	42	SW.	2	103	68	52	102	80	80	175	72	0	150	140	76	84	63	43	30	2	2	45	30	170	38	0

OKLAHOMA, OKLA.

[H=1,214 ft.; h_t=10 ft.; h_r=3 ft.; h_a=47 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	14.2	N.	48	N.	8	18	3	0	2	20	3	4	12	0	12	13	6	1	1	6	1	0	2	9	0	28	0	0
February	14.8	N.	72	N.	4	16	4	6	2	12	4	0	14	0	16	5	8	6	3	2	2	0	0	1	0	20	1	0
March	17.1	N.	44	NW.	5	21	3	4	12	14	0	0	8	0	9	4	18	15	10	4	3	1	3	4	0	20	3	0
April	17.6	S.	50	SE.	5	11	4	4	11	17	3	0	10	0	11	14	5	8	6	0	0	1	0	0	0	0	6	0
May	17.9	S.	54	NW.	2	11	1	2	11	30	2	1	4	0	18	12	1	9	6	0	0	2	0	0	3	0	7	0
June	11.5	S.	46	NW.	1	7	8	5	18	16	3	1	2	0	15	13	2	10	8	0	0	0	1	0	7	0	8	0
July	12.6	S.	48	NW.	1	2	12	0	7	38	2	0	1	0	24	7	0	4	2	0	0	0	0	0	20	0	4	0
August	13.0	S.	52	N.	1	2	3	1	10	38	4	3	1	0	20	7	4	6	5	0	0	0	0	0	18	0	5	0
September	13.3	S.	42	N.	2	17	5	5	7	23	2	0	1	0	17	9	4	7	5	0	0	0	0	0	12	0	3	0
October	14.0	S.	42	NW.	1	11	8	3	9	27	0	1	3	0	20	6	5	5	4	0	0	0	1	0	2	0	3	0
November	14.5	S.	40	S.	1	9	4	2	3	27	2	3	10	0	21	6	3	2	1	2	0	0	0	0	0	9	2	0
December	14.1	S.	34	S.	0	13	4	0	3	23	6	2	11	0	15	11	5	5	4	3	3	0	3	1	0	24	0	0
Year	14.6	S.	72	N.	31	138	59	32	95	285	31	15	77	0	198	107	61	78	55	17	9	4	10	15	62	101	42	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

OMAHA, NEBR.

[ϕ=41° 16′ N.; λ=95° 56′ 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	28.942	29.524	28.420	6.4	12.5	18.1	2.7	10.4	44	−27	3	7	84	75	0.059	0.069	0.26	0.18	4.7	5.6	5.4
February	28.887	29.323	28.427	18.6	25.8	30.3	16.0	23.2	48	−10	15	19	84	74	.092	.109	1.28	.68	6.9	6.9	7.3
March	28.944	29.420	28.506	22.4	30.5	34.7	19.8	27.2	65	4	18	24	85	75	.109	.132	2.50	.72	6.6	5.3	5.7
April	28.732	29.153	28.151	45.5	57.1	61.6	44.1	52.8	78	31	40	45	82	67	.258	.316	1.31	.70	6.0	6.1	6.2
May	28.679	29.141	28.241	58.3	72.6	76.9	55.6	66.2	96	41	50	51	74	50	.371	.402	1.30	.82	5.0	4.8	5.6
June	28.857	29.221	28.244	62.4	74.2	78.1	60.0	69.0	97	52	53	54	73	52	.417	.435	3.09	1.68	5.3	4.9	4.9
July	28.802	29.138	28.525	71.0	83.6	88.6	68.0	78.3	102	56	61	62	70	49	.541	.561	1.78	.94	6.6	3.2	3.9
August	28.750	29.057	28.532	67.3	79.3	84.9	65.7	75.3	98	58	60	62	77	57	.518	.574	4.78	2.08	6.0	4.2	5.3
September	28.830	29.299	28.506	58.8	65.3	71.7	54.4	63.0	96	36	51	53	81	66	.406	.443	7.12	3.02	5.9	5.1	5.8
October	28.848	29.230	28.281	47.6	58.7	65.3	45.5	55.4	87	29	39	41	73	53	.250	.273	2.41	1.06	3.0	3.6	3.5
November	28.882	29.422	28.466	35.6	47.8	53.6	33.7	43.6	69	18	28	30	72	50	.156	.169	.31	.31	4.0	3.0	5.4
December	28.804	29.326	28.267	26.9	35.7	42.5	23.2	32.8	56	7	20	22	73	57	.113	.118	.32	.24	2.9	2.4	3.6
Year	28.830	29.524	28.151	43.2	53.6	58.9	40.7	49.8	102	−27	36	39	77	60	.274	.300	26.46	3.02	5.2	4.6	5.2

OSWEGO, N. Y.

[ϕ=43° 29′ N.; λ=76° 35′ W.]

January	29.626	30.236	28.901	13.1	15.4	21.8	8.5	15.2	45	−11	11	12	89	86	0.074	0.077	5.04	0.97	9.3	8.9	8.8
February	29.565	30.119	28.539	17.4	21.1	26.4	12.9	19.6	45	−10	14	18	89	88	.089	.103	4.75	1.12	8.3	7.7	8.4
March	29.762	30.330	29.051	23.5	28.0	32.9	19.4	26.2	54	− 2	20	22	84	77	.113	.122	2.20	1.02	6.4	4.3	6.3
April	29.610	30.106	29.053	40.1	42.0	49.5	33.8	41.6	75	22	34	33	78	73	.202	.202	2.92	.70	6.1	5.4	5.8
May	29.557	29.861	29.161	51.9	54.8	63.7	45.5	54.6	85	36	46	44	80	69	.317	.300	7.38	2.36	6.0	6.6	6.2
June	29.643	30.005	29.369	58.2	60.2	67.8	51.4	59.6	85	42	48	49	71	67	.353	.356	1.01	.79	4.4	4.1	4.4
July	29.633	29.943	29.224	67.5	69.9	75.8	61.2	68.5	91	46	58	58	74	68	.508	.507	2.49	.80	4.9	4.5	5.0
August	29.570	29.928	29.132	62.7	65.2	70.2	58.2	64.2	81	46	57	57	81	75	.472	.471	2.81	.80	6.6	5.2	6.2
September	29.666	30.013	29.391	59.4	61.7	68.5	54.8	61.6	88	37	55	56	86	82	.446	.462	4.50	.86	6.9	5.5	6.5
October	29.658	30.062	29.329	50.2	53.2	60.5	45.1	52.8	77	36	43	44	77	72	.291	.296	1.70	.48	5.6	4.6	5.7
November	29.594	30.133	29.015	39.9	41.6	48.3	35.5	41.9	68	21	34	33	78	72	.198	.194	3.43	.90	8.4	7.0	7.1
December	29.586	30.193	29.055	31.4	34.0	40.2	26.6	33.4	61	14	27	27	83	75	.148	.148	2.37	.55	8.2	8.4	8.0
Year	29.622	30.330	28.539	42.9	45.6	52.1	37.7	44.9	91	−11	37	38	81	75	.268	.270	40.60	2.36	6.8	6.0	6.4

PALESTINE, TEX.

[ϕ=31° 45′ N.; λ=95° 40′ W.]

January	29.600	29.997	29.140	37.7	45.8	53.9	31.5	42.7	73	6	33	33	83	62	0.220	0.208	0.14	0.10	6.3	4.4	5.9
February	29.510	30.032	29.061	39.4	50.5	56.7	35.4	46.0	78	12	32	32	73	51	.199	.193	1.54	.70	5.3	4.3	4.2
March	29.527	29.830	29.107	46.4	55.7	61.0	43.7	52.4	78	30	43	44	89	68	.303	.319	7.55	2.46	8.2	7.3	7.2
April	29.450	29.782	29.136	59.2	69.6	74.1	56.8	65.4	84	44	54	53	84	60	.446	.435	4.43	1.85	7.4	6.6	5.2
May	29.408	29.749	29.094	66.0	78.5	82.4	63.5	73.0	91	50	61	61	85	57	.558	.559	2.73	.89	4.8	2.2	2.2
June	29.452	29.690	29.030	69.8	79.7	85.0	66.5	75.8	93	57	64	65	84	63	.615	.634	3.69	2.58	3.8	3.5	2.6
July	29.473	29.630	29.280	76.1	87.4	93.5	73.5	83.5	102	69	71	70	86	58	.765	.739	.61	.24	3.3	3.6	2.3
August	29.447	29.592	29.295	74.5	85.7	92.0	72.7	82.4	96	66	71	70	90	61	.766	.737	.46	.42	3.9	5.0	4.6
September	29.439	29.703	29.199	68.9	81.0	88.4	67.0	77.7	98	53	64	62	84	55	.613	.576	1.66	.83	4.6	5.4	4.6
October	29.509	29.762	29.247	59.5	71.6	79.0	58.2	68.6	93	46	54	54	84	56	.440	.438	2.69	1.66	4.5	3.6	4.6
November	29.670	29.941	29.394	48.6	60.1	67.0	46.7	56.8	79	30	42	45	79	59	.284	.316	.57	.26	4.2	3.0	4.4
December	29.611	30.016	29.224	42.2	49.3	53.9	39.6	46.8	70	28	39	41	89	75	.252	.272	4.77	1.19	5.7	5.4	6.4
Year	29.508	30.032	29.030	57.4	67.9	73.9	54.6	64.3	102	6	52	52	84	60	.455	.452	30.84	2.58	5.2	4.5	4.5

PARKERSBURG, W. VA.

[ϕ=39° 16′ N.; λ=81° 36′ W.]

January	29.442	29.925	28.715	19.2	24.7	30.5	14.4	22.4	52	−12	16	21	87	86	0.095	0.120	2.05	0.70	8.1	6.2	7.2
February	29.369	29.819	28.241	20.5	29.6	35.6	17.5	26.6	63	− 3	18	23	89	77	.110	.133	1.57	.61	7.2	5.6	7.0
March	29.467	29.985	28.715	34.3	41.3	48.1	29.8	39.0	71	14	31	36	87	83	.181	.226	5.09	.95	7.4	6.9	7.0
April	29.381	29.809	28.864	51.1	58.4	67.7	45.5	56.6	83	31	43	49	76	72	.298	.356	4.02	1.09	5.9	4.8	5.6
May	29.331	29.648	28.966	59.6	68.2	75.9	54.4	65.2	88	42	53	58	79	71	.403	.487	3.78	.84	4.6	3.7	5.2
June	29.419	29.800	29.082	64.4	71.8	80.2	58.8	69.5	89	42	58	61	80	71	.496	.557	6.48	3.23	5.5	5.7	5.4
July	29.407	29.638	29.081	70.3	75.8	84.9	66.5	75.7	94	59	66	70	86	83	.641	.745	8.07	3.76	5.7	6.2	5.9
August	29.365	29.631	29.013	66.2	73.1	80.7	63.6	72.2	91	49	62	66	86	79	.561	.646	3.05	.94	5.7	4.9	6.0
September	29.416	29.739	29.183	63.5	70.9	80.5	60.0	70.2	93	41	60	63	87	77	.528	.606	1.60	.60	3.6	2.9	3.8
October	29.473	29.849	29.165	48.3	58.6	69.7	44.9	57.3	87	32	44	49	86	72	.306	.365	1.43	.89	3.8	2.2	3.9
November	29.479	29.843	28.981	39.7	46.1	53.9	35.9	44.9	78	25	33	35	78	66	.193	.212	1.03	.49	4.9	4.6	6.2
December	29.452	29.891	28.919	31.3	39.2	46.3	27.6	37.0	67	13	27	31	84	71	.160	.179	2.62	.72	6.2	5.2	6.4
Year	29.417	29.985	28.241	47.4	54.8	62.8	43.2	53.0	94	−12	43	47	84	76	.331	.386	40.79	3.76	5.7	4.9	5.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

OMAHA, NEBR.

[H=1,105 ft.; h_t=115 ft.; h_r=107 ft.; h_a=121 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	9.4	N.	36	NW.	0	17	5	1	2	7	11	8	11	0	10	9	12	5	3	11	4	0	0	25	0	31	0	0
February	10.0	N.	41	NE.	2	17	4	2	4	6	10	2	13	0	3	11	15	6	5	13	5	0	1	15	0	26	0	0
March	8.9	N.	34	N.	0	18	5	6	7	12	3	3	8	0	9	9	13	8	7	11	7	0	1	17	0	26	1	0
April	10.1	S.	34	N.	0	13	3	4	9	14	8	1	7	1	5	15	10	8	5	0	0	0	0	0	0	1	2	0
May	10.1	N.	40	N.	1	15	6	4	4	15	7	6	5	0	7	18	6	5	3	0	0	0	0	0	2	0	7	0
June	7.0	S.	34	NE.	0	15	4	4	9	18	3	4	2	1	11	9	10	8	6	0	0	0	0	0	6	0	5	0
July	7.9	S.	32	N.	0	14	2	4	12	22	4	1	3	0	12	15	4	12	7	0	0	0	0	0	14	0	11	0
August	6.7	S.	32	SW.	0	8	8	9	6	12	7	3	9	0	10	10	11	10	9	0	0	1	0	0	8	0	10	0
September	7.6	S.	29	N.	0	8	5	2	4	20	7	1	13	0	10	7	13	16	16	0	0	0	0	0	5	0	10	0
October	8.2	S.	31	N.	0	9	3	4	3	24	4	2	12	1	20	3	8	8	7	1	0	0	0	0	0	1	5	0
November	8.9	S.	34	N.	0	7	0	0	1	24	8	6	13	1	11	12	7	1	1	0	0	0	0	0	0	12	0	0
December	9.6	NW.	40	NW.	1	5	1	1	.0	17	14	10	14	0	16	8	7	5	2	5	2	0	0	5	0	28	0	0
Year	8.7	S.	41	NE.	4	146	46	41	61	191	86	47	110	4	124	126	116	92	71	41	18	1	2	62	35	125	51	0

OSWEGO, N. Y.

[H=335 ft.; h_t=76 ft.; h_r=68 ft.; h_a=91 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	13.2	SE.	45	W.	2	3	5	4	15	10	9	7	9	0	2	1	28	26	21	30	25	0	0	27	0	31	0	0
February	12.1	NW.	45	W.	1	2	1	2	10	11	10	10	12	0	2	4	23	17	15	20	16	0	1	20	0	28	2	0
March	10.2	S.	32	NE.	0	4	11	3	8	13	8	4	11	0	5	13	13	11	8	15	8	0	2	13	0	30	0	0
April	12.0	S.	36	NW.	0	5	9	1	7	15	3	10	10	0	8	9	13	15	12	7	6	0	2	2	0	14	2	0
May	9.7	S.	33	W.	0	5	4	2	12	15	6	15	3	0	8	6	17	14	12	1	0	0	1	0	0	0	6	0
June	8.6	W.	25	SE.	0	2	3	3	4	11	10	22	5	0	13	9	8	4	4	0	0	0	0	0	0	0	2	0
July	7.3	S.	34	NE.	0	4	5	6	6	15	7	11	7	1	13	14	4	13	9	0	0	0	0	0	1	0	6	0
August	7.9	S.	25	NW.	0	6	4	3	8	13	9	11	8	0	5	13	13	11	10	0	0	0	0	0	0	0	7	0
September	8.4	S.	32	N.	0	3	6	1	10	25	4	7	4	0	4	14	12	16	12	0	0	1	0	0	0	0	6	0
October	10.7	S.	29	W.	0	2	5	2	9	19	8	6	11	0	9	9	13	13	10	0	0	0	0	0	0	0	0	0
November	12.4	S.	40	SW.	1	4	3	1	3	18	13	6	12	0	6	7	17	14	10	10	5	1	0	0	0	10	1	0
December	13.7	S.	42	NW.	1	3	1	1	7	23	11	9	7	0	2	9	20	18	13	18	12	0	0	5	0	25	0	0
Year	10.5	S.	45	W.	5	43	57	29	99	188	98	118	99	1	77	108	181	172	136	101	72	2	6	67	1	138	32	0

PALESTINE, TEX.

[H=510 ft.; h_t=64 ft.; h_r= 57 ft.; h_a=72 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.6	S.	28	NW.	0	14	5	0	6	18	7	3	9	0	7	11	13	3	1	2	0	0	2	3	0	17	0	0
February	10.2	NW.	40	W.	1	11	6	4	4	13	5	1	14	0	14	7	8	4	4	0	0	1	0	1	0	9	0	0
March	9.6	NW.	39	NW.	0	6	9	2	11	14	3	2	15	0	5	8	18	14	11	0	0	0	0	0	0	1	10	0
April	8.1	S.	30	SE.	0	8	3	4	15	16	7	1	6	0	8	14	8	10	8	0	0	0	0	0	0	0	10	0
May	7.8	S.	26	S.	0	3	7	6	8	27	2	3	6	0	22	8	1	9	7	0	0	0	0	0	3	0	8	0
June	7.1	NE.	27	SW.	0	3	18	3	7	16	5	0	5	3	19	10	1	9	5	0	0	0	0	0	6	0	7	0
July	6.7	S.	30	E.	0	1	3	4	14	27	12	1	0	0	24	7	0	7	4	0	0	0	0	0	30	0	2	0
August	7.1	S.	34	NE.	0	1	5	5	16	23	9	0	0	3	11	18	2	3	2	0	0	0	0	0	24	0	8	0
September	6.5	NE.	36	SW.	0	5	18	12	8	15	1	0	1	0	12	14	4	5	3	0	0	0	0	0	18	0	7	0
October	7.4	NE.	31	NW.	0	6	23	3	9	12	6	2	1	0	13	12	6	7	6	0	0	0	1	0	2	0	1	0
November	6.9	NE.	23	N.	0	5	13	4	11	11	2	3	11	0	16	5	9	5	3	0	0	0	2	0	0	1	0	0
December	7.7	N.	31	W.	0	12	11	1	3	11	12	3	9	0	8	7	16	12	9	0	0	1	4	0	0	2	1	0
Year	7.8	S.	40	W.	1	75	121	48	112	203	71	19	77	6	159	121	86	88	63	2	0	2	9	4	83	30	54	0

PARKERSBURG, W. VA.

[H=638 ft.; h_t=77 ft.; h_r=70 ft.; h_a=84 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.3	S.	36	NW.	0	10	2	6	3	15	9	9	8	0	6	10	15	18	14	20	12	0	0	15	0	28	0	0
February	6.3	S.	39	W.	0	10	4	4	5	12	7	9	7	0	4	10	15	9	6	13	4	0	0	11	0	25	1	0
March	6.2	NW.	30	NW.	0	12	7	5	4	8	9	4	13	0	6	7	18	18	14	9	6	0	0	3	0	18	2	0
April	7.8	S.	36	NW.	0	6	2	4	2	22	6	8	10	0	10	10	10	12	11	1	0	1	0	0	0	2	5	0
May	5.3	S.	28	NW.	0	7	7	3	7	14	11	6	7	0	13	7	11	13	13	0	0	1	0	0	0	0	6	0
June	4.7	N.	53	NW.	1	12	7	6	9	9	8	7	2	0	9	13	8	14	12	0	0	0	0	0	0	0	10	0
July	4.6	S.	28	NW.	0	7	6	1	14	17	8	3	5	1	6	15	10	11	8	0	0	0	0	0	5	0	14	0
August	5.0	S.	22	S.	0	9	5	3	5	15	14	6	5	0	7	13	11	12	9	0	0	0	0	0	1	0	7	0
September	4.1	N.	24	NW.	0	18	3	2	11	8	9	7	2	0	18	5	7	9	6	0	0	0	2	0	6	0	6	0
October	4.8	S.	20	SW.	0	9	7	2	7	16	7	7	6	1	18	8	5	4	4	0	0	0	1	0	0	1	2	0
November	7.1	S.	26	W.	0	1	0	0	2	29	8	11	9	0	8	8	14	5	4	3	1	0	0	0	0	12	0	0
December	6.9	S.	35	NW.	0	2	3	0	8	22	13	8	6	0	9	5	17	13	10	7	4	0	0	2	0	21	0	0
Year	5.8	S.	53	NW.	1	103	53	36	77	187	109	85	80	2	114	111	141	138	111	53	27	2	3	31	12	107	53	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

PENSACOLA, FLA.

[ϕ=30° 25′ N.; λ=87° 13′ 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	30.428	29.604	43.9	.....	57.5	40.6	49.0	70	24	38	....	79	....	0.250	.....	4.96	2.12	6.3	.....	6.4
February	29.977	30.294	29.398	44.8	.....	57.5	41.2	49.4	68	24	38	....	76	....	.253	.....	5.64	2.46	5.9	.....	5.5
March	30.029	30.365	29.677	54.8	.....	66.3	52.1	59.2	74	36	50	....	85	....	.386	.....	10.41	5.17	6.0	.....	6.0
April	29.990	30.321	29.748	65.0	68.7	72.7	62.3	67.5	79	50	60	63	85	83	.537	0.590	11.02	4.75	7.5	8.0	6.8
May	29.931	30.218	29.745	72.0	75.2	81.1	68.2	74.6	90	58	64	66	77	75	.617	.654	3.71	1.21	3.2	4.8	3.8
June	29.950	30.118	29.703	75.3	77.8	81.9	71.8	76.8	91	63	68	68	79	72	.697	.691	4.09	3.34	5.9	6.7	6.1
July	29.983	30.199	29.775	78.2	81.2	86.1	74.7	80.4	97	69	73	72	84	76	.803	.799	6.26	1.65	4.9	6.3	5.4
August	29.984	30.125	29.847	78.0	80.4	86.0	72.4	80.1	91	69	73	73	86	79	.823	.817	5.24	1.80	5.9	6.4	6.1
September	29.886	30.082	29.508	75.2	78.1	84.8	72.9	78.8	97	69	71	72	87	80	.758	.771	9.97	3.62	5.6	6.8	6.3
October	29.963	30.140	29.780	66.5	72.7	77.8	64.8	71.3	88	47	62	63	86	74	.578	.603	8.62	6.58	5.6	4.9	5.6
November	30.133	30.392	29.652	52.0	59.6	66.0	48.6	57.3	74	31	42	46	71	62	.301	.336	3.75	3.30	3.1	2.8	3.3
December	30.086	30.408	29.718	51.1	56.4	61.8	48.5	55.2	73	36	46	47	84	72	.342	.352	4.19	1.24	6.6	5.9	7.2
Year	29.998	30.428	29.398	63.1	.....	73.3	60.0	66.6	97	24	57	....	82	....	.529	.....	77.86	6.58	5.5	.....	5.7

PEORIA, ILL.

[ϕ=40° 43′ N.; λ=89° 36′ W.]

January	29.466	29.955	29.024	7.9	13.8	18.5	3.6	11.0	40	−17	4	8	85	75	0.059	0.072	0.35	0.20	6.5	5.2	6.4
February	29.389	29.787	28.708	16.9	22.9	28.1	13.4	20.8	53	− 9	14	18	88	80	.091	.107	1.21	.71	6.2	7.2	6.7
March	29.488	30.007	28.918	23.1	31.2	37.4	19.5	28.4	67	3	20	25	88	77	.117	.142	2.03	.80	6.3	5.3	6.6
April	29.310	29.740	28.852	44.7	55.5	62.3	40.7	51.5	75	30	40	42	82	63	.251	.276	6.88	2.39	5.4	5.2	5.4
May	29.245	29.595	28.829	58.2	69.1	75.9	52.6	64.2	88	34	52	54	81	60	.402	.433	4.39	1.12	5.5	5.8	5.8
June	29.388	29.714	28.830	62.4	73.2	80.5	56.2	68.4	91	44	56	55	79	55	.454	.456	1.86	.55	4.7	5.1	5.2
July	29.364	29.647	29.163	69.4	79.3	85.9	63.8	74.8	96	54	64	66	84	65	.613	.653	5.04	2.67	4.2	4.1	5.3
August	29.302	29.631	29.041	65.4	74.5	82.7	62.2	72.4	95	44	61	64	87	70	.553	.602	1.67	.49	5.1	4.9	5.2
September	29.374	29.761	29.153	59.2	67.1	77.8	56.2	67.0	97	32	56	58	89	74	.479	.510	3.54	1.47	4.0	4.2	4.5
October	29.414	29.770	29.042	45.4	55.6	67.0	42.7	54.8	87	29	42	47	90	74	.284	.339	4.03	1.58	4.9	3.1	4.1
November	29.422	29.835	29.043	34.7	43.7	51.4	32.2	41.8	72	20	31	34	86	68	.179	.202	1.56	.88	3.1	4.1	5.0
December	29.345	29.880	28.846	27.6	34.4	41.6	23.7	32.6	58	5	23	25	84	68	.129	.146	1.13	.57	5.0	3.0	4.6
Year	29.376	30.007	28.708	42.9	51.7	59.1	38.9	49.0	97	−17	39	41	85	69	.301	.328	33.69	2.67	5.1	4.8	5.4

PHILADELPHIA, PA.

[ϕ=39° 57′ N.; λ=75° 9′ W.]

January	29.940	30.444	29.363	22.2	26.4	32.8	18.1	25.4	56	0	14	17	70	65	0.093	0.095	2.57	0.68	6.4	5.1	5.5
February	29.854	30.336	28.990	26.1	33.3	38.1	23.7	30.9	58	4	17	20	65	58	.099	.120	3.30	2.16	5.6	3.5	5.0
March	30.005	30.557	29.280	35.7	41.5	47.5	31.5	39.5	67	17	28	29	74	63	.170	.177	9.10	2.79	6.1	5.4	6.0
April	29.900	30.480	29.162	48.6	53.2	61.5	43.5	52.5	77	32	38	42	69	68	.246	.281	2.89	.58	6.0	5.9	6.5
May	29.851	30.151	29.476	60.8	65.2	74.0	54.8	64.4	87	45	50	51	71	63	.382	.394	5.38	2.41	5.6	5.5	5.1
June	29.910	30.284	29.674	67.6	72.4	79.2	62.1	70.6	94	52	55	56	65	59	.451	.470	1.91	.89	5.5	6.6	5.4
July	29.898	30.269	29.480	71.9	76.6	84.8	67.5	76.2	95	59	62	63	72	64	.568	.583	4.15	1.37	4.1	6.4	4.8
August	29.850	30.141	29.484	69.9	74.1	80.7	65.3	73.0	90	55	60	61	70	64	.529	.546	1.71	1.24	4.8	5.2	5.4
September	29.948	30.284	29.721	65.8	69.4	75.9	61.8	68.8	91	43	58	59	77	72	.499	.526	5.62	3.51	5.5	5.7	5.8
October	29.958	30.325	29.548	54.5	61.1	68.7	51.4	60.0	85	43	46	48	74	64	.327	.353	2.42	1.51	4.0	4.4	4.7
November	29.929	30.402	29.410	44.4	49.5	55.8	41.2	48.5	74	29	37	39	76	67	.234	.247	3.21	1.70	5.8	4.4	5.6
December	29.949	30.501	29.387	36.4	41.5	47.0	33.6	40.3	64	19	31	34	80	73	.182	.204	4.74	1.71	4.4	4.8	5.7
Year	29.916	30.557	28.990	50.3	55.4	62.2	46.2	54.2	95	0	41	43	72	65	.315	.333	47.00	3.51	5.3	5.2	5.5

PHOENIX, ARIZ.

[ϕ=33° 28′ N.; λ=112° 0′ W.]

January	28.876	29.064	28.539	40.7	64.5	68.7	37.2	53.0	80	26	26	29	55	27	0.136	0.160	0.00	0.00	1.6	3.5	2.3
February	28.800	29.024	28.370	43.4	68.8	72.0	40.3	55.2	79	33	22	24	42	18	.119	.131	.00	.00	1.4	3.3	1.8
March	28.749	29.009	28.448	50.1	66.3	69.4	47.7	58.6	80	39	40	40	70	40	.251	.250	1.96	.98	4.4	5.2	4.6
April	28.760	28.985	28.541	51.8	73.2	76.0	50.2	63.1	88	38	39	37	64	30	.243	.227	.52	.40	3.3	3.8	3.3
May	28.692	28.921	28.438	60.1	86.5	88.4	59.2	73.8	101	46	40	38	49	20	.252	.238	.58	.58	3.0	2.9	2.9
June	28.630	28.816	28.364	72.7	98.3	101.1	71.0	86.0	111	64	45	45	39	18	.316	.312	.01	.01	2.0	2.0	2.0
July	28.703	28.842	28.492	75.0	95.3	97.7	73.1	85.4	108	63	57	56	58	31	.514	.480	1.29	.52	5.6	4.7	4.4
August	28.674	28.839	28.506	75.8	95.9	98.9	73.5	86.2	108	69	60	55	59	29	.522	.453	.72	.51	3.4	3.7	3.3
September	28.672	28.797	28.471	65.9	90.5	94.2	63.6	78.9	102	56	44	42	46	20	.307	.284	.14	.14	2.1	1.9	1.9
October	28.757	28.907	28.502	57.6	75.1	80.8	55.1	68.0	92	41	45	45	65	35	.310	.305	.82	.39	2.6	2.9	2.8
November	28.879	29.112	28.587	48.3	67.8	74.6	45.0	59.8	85	39	31	35	52	31	.176	.208	.00	.00	1.3	2.9	2.5
December	28.922	29.274	28.614	39.8	56.2	61.5	36.3	48.9	70	29	28	30	64	38	.162	.174	.83	.69	1.4	2.5	2.5
Year	28.760	29.274	28.364	56.8	78.2	81.9	54.4	68.2	111	26	40	40	55	28	.276	.268	6.87	.98	2.7	3.3	2.9

Annual meteorological summary for the year ending December 31, 1912—Continued.

PENSACOLA, FLA.

[H=56 ft.; h_t=140 ft.; h_r=131 ft.; h_a=183 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	12.9	N.	52	SW.	2	11	6	5	0	0	2	1	6	0	9	5	17	9	7	1	0	0	3	0	0	7	1	0
February	14.5	NW.	58	SW.	6	5	5	3	2	2	2	3	7	0	12	5	12	10	9	0	0	2	2	0	0	6	6	0
March	13.0	SE.	62	NW.	4	9	6	6	4	1	0	2	3	0	8	10	13	10	9	0	0	1	7	0	0	0	5	0
April	14.5	SE.	56	S.	2	6	7	8	14	12	4	2	0	0	7	4	19	13	12	0	0	2	3	0	0	0	9	0
May	12.3	S.	76	SE	1	3	7	5	7	8	17	4	11	0	15	10	6	9	9	0	0	0	0	0	1	0	11	0
June	14.1	S.	44	SE.	2	7	14	2	6	13	13	3	2	0	8	12	10	10	6	0	0	0	0	0	1	0	6	0
July	10.1	S.	40	S.	1	6	12	3	5	9	12	7	8	0	7	13	11	14	13	0	0	0	0	0	8	0	15	0
August	10.1	SW.	32	SW.	0	10	7	3	1	7	19	11	4	0	4	16	11	15	10	0	0	0	0	0	1	0	16	0
September	12.5	N.	74	SE.	3	18	17	3	1	5	4	5	7	0	7	9	14	18	15	0	0	0	0	0	4	0	11	0
October	12.2	NE.	50	S.	2	20	23	3	5	6	1	2	2	0	11	4	16	7	5	0	0	0	0	0	0	0	3	0
November	13.2	N.	40	N.	1	19	16	5	6	3	0	4	7	0	17	7	6	2	2	0	0	0	0	0	0	1	1	0
December	11.7	N.	39	NW.	0	12	15	10	7	4	7	1	6	0	6	8	17	14	13	0	0	0	5	0	0	0	1	0
Year	12.6	NE.	76	SE.	24	126	135	56	58	70	81	45	63	0	111	103	152	131	110	1	0	5	20	0	15	14	85	0

PEORIA, ILL.

[H=609 ft.; h_t=11 ft.; h_r=4 ft.; h_a=45 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.4	W.	27	W.	0	14	2	4	3	6	7	9	16	1	6	11	14	7	4	14	5	0	0	25	0	31	0	0
February	8.4	NW.	29	N.	0	8	5	2	3	10	4	12	14	0	5	12	12	8	6	12	7	0	1	19	0	28	0	0
March	7.8	N.	30	NE.	0	11	15	8	5	7	0	2	13	1	4	16	11	10	7	12	7	0	1	10	0	28	1	0
April	10.1	S.	37	W.	0	8	5	5	9	14	5	9	5	0	8	16	6	12	11	2	2	0	0	0	0	6	8	0
May	8.0	S.	37	W.	0	7	6	2	12	19	5	5	6	0	4	18	9	13	12	0	0	1	0	0	0	0	14	0
June	5.3	S.	23	W.	0	12	10	9	4	8	9	4	4	0	7	19	4	12	9	0	0	1	0	0	2	0	9	0
July	5.5	S.	22	SE.	0	9	7	9	6	15	7	4	4	1	7	21	3	11	7	0	0	1	0	0	10	0	14	0
August	5.8	S.	22	S.	0	3	8	5	7	18	7	5	5	4	8	16	7	10	8	0	0	1	0	0	7	0	8	0
September	4.8	S.	20	W.	0	6	7	7	9	14	5	3	6	3	13	9	8	9	7	0	0	0	1	0	9	0	4	0
October	6.0	S.	30	W.	0	7	4	2	8	17	6	5	10	3	17	5	9	8	7	0	0	0	3	0	0	3	4	0
November	8.5	S.	30	SW.	0	0	0	0	2	25	6	13	14	0	10	11	9	6	4	3	0	0	1	0	0	19	1	0
December	9.8	S.	35	SW.	0	1	0	1	5	23	8	16	8	0	13	9	9	6	6	4	0	0	3	4	0	28	0	0
Year	7.4	S.	37	W.	0	86	69	54	73	176	69	87	105	13	102	163	101	112	88	47	21	4	10	58	28	143	63	0

PHILADELPHIA, PA.

[H=117 ft.; h_t=123 ft.; h_r=114 ft.; h_a=184 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.1	NW.	37	NW.	0	13	3	4	4	3	9	4	22	0	8	15	8	14	11	14	11	0	0	16	0	30	0	0
February	12.0	NW.	39	SW.	0	4	7	1	2	5	8	10	21	0	9	16	4	6	4	8	3	1	0	8	0	23	2	0
March	11.1	NW.	36	N.	0	9	13	3	9	7	4	3	14	0	6	14	11	15	10	6	6	0	4	2	0	16	1	0
April	12.1	NW.	39	NW.	0	3	11	5	5	9	10	6	11	0	6	11	13	15	13	1	0	0	0	0	0	1	2	0
May	10.1	SW.	32	NW.	0	5	9	4	9	11	12	3	9	0	10	12	9	11	11	0	0	0	0	0	0	0	4	0
June	8.5	SW.	31	NW.	0	6	5	6	4	10	13	4	12	0	7	14	9	9	6	0	0	0	0	0	2	0	5	0
July	8.6	S.	27	SW.	0	2	3	1	13	10	16	5	12	0	12	13	6	10	8	0	0	0	0	0	7	0	9	0
August	8.5	NW.	28	SE.	0	6	4	2	8	8	10	10	14	0	6	19	6	10	5	0	0	0	0	0	1	0	4	0
September	9.0	NE.	28	NW.	0	11	12	3	8	4	6	11	5	0	9	9	12	10	8	0	0	0	0	0	3	0	3	0
October	7.9	NW.	32	NW.	0	7	3	4	7	11	6	10	14	0	12	13	6	5	3	0	0	0	2	0	0	0	2	0
November	9.9	SW.	29	NW.	0	2	2	0	5	12	17	9	13	0	8	15	7	7	5	4	1	1	0	0	0	2	1	0
December	9.5	SW.	36	NW.	0	2	7	1	6	11	13	14	8	0	9	12	10	13	9	2	2	0	7	0	0	13	0	0
Year	9.9	NW.	39	NW.	0	70	79	34	80	101	124	89	155	0	102	163	101	125	93	35	23	2	13	26	13	85	33	0

PHOENIX, ARIZ.

[H=1,108 ft.; h_t=50 ft.; h_r=41 ft.; h_a=56 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	3.3	E.	16	N.	0	5	5	23	2	4	7	10	6	0	25	6	0	0	0	0	0	0	0	0	0	5	0	0
February	4.3	E	28	NW.	0	1	4	22	0	1	6	14	10	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0
March	5.0	E.	21	SW.	0	3	1	23	7	2	8	7	10	1	13	10	8	10	7	0	0	2	0	0	0	0	0	0
April	5.1	E.	27	SW.	0	0	3	17	9	5	10	9	7	0	18	7	5	3	3	0	0	0	0	0	0	0	1	0
May	4.5	E	20	W.	0	5	4	21	3	3	8	12	6	0	18	11	2	2	2	0	0	0	0	0	15	0	2	0
June	4.5	E.	32	NW.	0	4	5	19	3	1	9	12	7	0	24	4	2	1	0	0	0	0	0	0	30	0	4	0
July	4.6	E.	30	E.	0	2	6	14	10	2	9	6	13	0	12	12	7	9	6	0	0	0	0	0	28	0	9	0
August	3.9	E.	40	NE	1	8	4	16	6	3	7	8	9	1	18	10	3	4	2	0	0	0	0	0	28	0	6	0
September	3.7	E.	20	SE.	0	4	5	27	1	0	4	14	5	0	23	5	2	2	1	0	0	0	0	0	24	0	2	0
October	4.4	E.	28	SW.	0	5	9	20	7	2	5	8	5	1	19	7	5	6	4	0	0	0	0	0	2	0	4	0
November	3.7	E.	18	SW.	0	5	11	16	4	2	5	8	9	0	22	2	6	0	0	0	0	0	0	0	0	0	0	0
December	3.7	W.	18	E.	0	7	7	14	4	0	5	17	7	1	22	6	3	2	2	0	0	0	1	0	0	9	0	0
Year	4.2	E.	40	NE.	1	49	64	232	56	25	83	125	94	4	238	85	43	39	27	0	0	2	1	0	127	14	28	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

PIERRE, S. DAK.

[ϕ=44° 22′ N.; λ=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	28.440	29.040	27.872	3.3	9.1	16.3	−2.4	7.0	43	−36	−2	3	76	75	0.049	0.058	0.20	0.08	6.1	5.8	6.7
February	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March	28.471	28.974	27.941	16.9	29.9	35.0	14.6	24.8	66	− 2	10	17	73	61	.075	.096	.45	.19	4.7	4.8	4.8
April	28.218	28.634	27.465	39.8	60.6	64.2	37.5	50.8	81	25	30	28	69	34	.173	.160	.89	.44	4.2	4.5	4.5
May	28.227	28.855	27.766	50.8	66.9	70.8	48.1	59.4	92	33	41	38	70	39	.265	.242	1.57	.72	4.5	6.5	5.7
June	28.374	28.807	27.817	58.9	77.0	79.8	57.1	68.4	105	47	47	45	66	36	.338	.312	.91	.41	4.6	4.9	4.7
July	28.319	28.759	28.004	66.1	82.7	85.9	63.2	74.6	99	46	57	55	74	41	.476	.448	3.22	1.30	4.8	5.0	4.9
August	28.291	28.627	27.893	60.7	79.3	82.6	59.5	71.0	99	54	53	52	78	43	.412	.406	3.85	1.75	4.2	4.5	4.6
September	28.367	28.922	27.954	49.9	61.3	67.0	47.7	57.4	95	32	43	43	77	54	.299	.300	1.86	.59	5.1	5.4	5.5
October	28.345	28.736	27.818	40.4	56.9	64.3	38.3	51.3	92	25	30	31	65	39	.166	.173	.10	.07	3.5	3.7	3.5
November	28.403	29.002	27.957	30.3	44.3	53.1	28.1	40.6	71	9	21	23	65	42	.108	.122	T.	T.	2.8	3.1	4.0
December	28.316	28.882	27.622	23.6	32.6	41.3	17.7	29.5	56	− 1	13	17	62	52	.079	.094	.01	.01	2.7	3.9	4.8
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PITTSBURGH, PA.

[ϕ=40° 32′ N.; λ=80° 2′ W.]

January	29.142	29.660	28.430	17.5	22.0	28.1	12.7	20.4	54	− 6	13	16	80	76	0.083	0.098	1.90	0.36	8.3	6.5	8.0
February	29.079	29.569	27.977	19.7	27.4	32.4	17.0	24.7	57	− 9	15	18	81	67	.093	.106	1.81	.77	6.3	5.4	6.2
March	29.199	29.684	28.444	31.3	38.3	43.8	26.5	35.2	66	12	25	28	78	67	.146	.167	4.83	1.08	7.0	6.6	6.8
April	29.097	29.533	28.524	48.6	54.8	62.7	42.6	52.6	80	29	39	40	72	61	.248	.267	4.32	1.08	6.3	5.3	5.8
May	29.056	29.334	28.718	59.6	67.1	73.3	54.2	63.8	86	39	48	48	68	54	.348	.348	1.56	.54	4.6	3.8	4.6
June	29.151	29.563	28.866	62.8	70.6	77.1	57.9	67.5	87	41	53	52	71	55	.414	.417	5.67	3.19	5.2	5.3	5.2
July	29.142	29.398	28.785	69.4	75.5	81.7	64.8	73.2	91	55	61	62	76	63	.548	.560	6.61	2.40	5.9	5.2	5.4
August	29.091	29.342	28.706	64.6	71.0	76.6	61.1	68.8	87	48	59	59	81	66	.504	.509	2.39	.72	5.8	5.1	6.0
September	29.155	29.492	28.892	63.7	69.8	77.6	59.6	68.6	90	38	58	59	84	68	.504	.518	2.89	1.39	4.2	2.4	4.0
October	29.193	29.582	28.931	51.1	58.1	65.5	46.2	55.8	83	34	45	45	82	63	.313	.311	2.67	1.33	5.2	4.0	4.6
November	29.163	29.566	28.620	41.2	45.5	50.8	37.4	44.1	70	25	33	32	74	59	.200	.186	.80	.67	6.2	4.7	5.8
December	29.145	29.555	28.628	32.9	38.4	43.1	28.4	35.8	62	12	26	26	74	62	.150	.152	2.86	1.13	5.7	6.3	6.1
Year	29.134	29.684	27.977	46.9	53.2	59.4	42.4	50.9	91	− 9	40	40	77	63	.296	.303	38.31	3.19	5.9	5.0	5.7

POCATELLO, IDAHO.

[ϕ=42° 52′ N.; λ=112° 29′ W.]

January	25.517	25.853	25.005	24.7	30.4	35.4	20.0	27.7	50	−14	19	24	78	76	0.110	0.131	1.49	0.40	6.5	6.7	7.5
February	25.528	25.936	25.030	26.5	34.3	38.3	24.0	31.2	45	8	22	26	81	70	.120	.139	.92	.38	6.7	7.2	6.8
March	25.338	25.600	24.967	27.3	40.1	43.6	25.3	34.4	59	6	23	25	83	57	.123	.138	1.13	.51	6.0	6.0	6.0
April	25.370	25.719	24.975	35.8	49.4	53.0	33.5	43.2	69	17	30	31	82	53	.168	.176	2.20	.48	6.2	6.3	6.3
May	25.435	25.765	25.078	42.2	59.5	63.6	40.0	51.8	81	30	35	35	76	45	.205	.207	1.59	.58	5.6	6.5	6.2
June	25.472	25.710	25.259	52.7	73.1	77.0	49.9	63.4	90	38	42	41	69	36	.273	.262	1.99	1.09	3.9	4.8	4.7
July	25.485	25.714	25.318	55.7	77.5	80.9	54.0	67.4	93	42	44	43	66	34	.301	.292	1.63	.77	4.4	4.7	4.5
August	25.470	25.623	25.253	53.5	76.8	79.6	51.9	65.8	92	40	45	42	73	32	.303	.277	1.19	.40	4.0	4.0	3.9
September	25.517	25.728	25.147	42.6	60.9	65.7	39.1	52.4	79	26	34	33	73	39	.198	.194	.92	.40	4.1	5.1	4.8
October	25.493	25.816	25.061	38.3	47.7	54.6	33.8	44.2	74	22	32	34	79	63	.183	.201	3.25	.91	5.2	4.8	5.5
November	25.601	25.929	25.173	34.3	42.3	49.0	30.8	39.9	62	14	28	30	77	64	.154	.169	.95	.36	4.8	6.3	5.9
December	25.576	26.025	25.153	23.3	30.0	35.8	19.0	27.4	51	2	18	23	81	74	.101	.122	.20	.10	6.3	5.5	6.8
Year	25.484	26.025	24.967	38.1	51.8	56.4	35.1	45.7	93	−14	31	32	76	54	.187	.192	17.46	1.09	5.3	5.7	5.7

POINT REYES LIGHT, CAL.

[ϕ=38° 11′ N.; λ=122° 51′ W.]

January	29.561	29.759	29.198	.....	52.2	55.0	47.5	51.2	68	38	.....	50	.....	91	.....	0.355	2.72	0.61	.....	6.0	6.7
February	29.592	29.774	29.190	.....	51.4	53.9	47.7	50.8	62	42	.....	49	.....	93	.....	.352	1.15	.58	.....	5.2	6.6
March	29.409	29.728	29.028	.....	51.2	53.6	46.0	49.8	61	42	.....	47	.....	86	.....	.320	2.03	.99	.....	5.6	5.6
April	29.492	29.665	29.083	.....	50.7	52.6	46.3	49.4	58	42	.....	47	.....	87	.....	.322	.71	.24	.....	5.6	5.7
May	29.458	29.619	29.123	.....	53.9	56.3	48.5	52.4	76	45	.....	51	.....	89	.....	.369	1.62	.82	.....	4.2	6.0
June	29.419	29.559	29.305	.....	55.3	58.1	50.3	54.2	76	46	.....	52	.....	90	.....	.392	1.53	1.27	.....	3.5	6.3
July	29.446	29.536	29.296	.....	55.6	57.6	50.3	54.0	65	46	.....	53	.....	92	.....	.406	.04	.04	.....	3.5	7.2
August	29.416	29.535	29.278	.....	56.4	58.5	50.9	54.7	64	49	.....	54	.....	91	.....	.413	.00	.00	.....	2.5	5.4
September	29.420	29.469	29.258	.....	59.2	62.7	53.4	58.0	85	48	.....	56	.....	89	.....	.441	1.91	1.77	.....	2.8	5.8
October	29.462	29.570	29.051	.....	53.5	58.7	48.6	53.6	76	45	.....	49	.....	86	.....	.349	.55	.18	.....	2.2	3.5
November	29.570	29.761	29.302	.....	56.0	60.1	51.6	55.8	70	45	.....	51	.....	84	.....	.372	1.70	.84	.....	4.6	5.0
December	29.673	29.873	29.358	.....	50.7	53.4	47.0	50.2	60	42	.....	47	.....	88	.....	.323	1.03	.55	.....	4.3	5.0
Year	29.493	29.873	29.028	.....	53.8	56.7	49.0	52.8	85	38	.....	50	.....	89	.....	.368	14.99	1.77	.....	4.2	5.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

PIERRE, S. DAK.

[H=1,572 ft.; h_t=70 ft.; h_r=63 ft.; h_a=75 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	8.2	NW.	42	NW.	2	12	6	11	7	0	2	6	17	1	5	12	14	5	2	13	5	0	1	23	0	30	0	0
February	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March	9.4	NW.	36	SE.	0	10	9	9	4	3	6	7	14	0	13	9	9	9	4	10	9	0	0	15	0	27	0	0
April	12.2	SE.	48	E.	2	8	6	9	19	2	4	3	9	0	10	13	7	6	5	0	0	1	1	0	0	8	4	0
May	13.4	E.	59	W.	6	11	3	11	6	2	9	10	10	0	5	17	9	11	8	0	0	0	0	0	1	0	8	0
June	10.4	SE.	39	N.	0	8	6	8	21	3	3	4	7	0	10	15	5	9	4	0	0	0	0	0	8	0	6	0
July	9.6	SE.	59	W.	1	8	6	10	23	2	4	3	6	0	10	16	5	9	5	0	0	1	0	0	12	0	7	0
August	9.6	E.	60	NE.	3	8	7	14	9	2	5	5	12	0	14	10	7	11	10	0	0	1	1	0	5	0	7	0
September	9.8	NW.	36	NW.	0	10	4	6	11	6	4	10	9	0	9	10	11	10	8	1	1	0	0	0	3	1	2	0
October	10.4	NW.	47	NW.	2	6	4	8	10	7	5	5	16	1	18	9	4	3	1	0	0	0	0	0	1	5	1	0
November	7.9	NW.	51	NW.	1	6	1	9	11	6	6	7	14	0	16	9	5	0	0	0	0	0	0	0	0	22	0	0
December	11.0	NW.	48	W.	5	4	1	7	6	2	8	11	23	0	10	15	6	1	0	5	1	0	0	6	0	31	0	0
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PITTSBURGH, PA.

[H=842 ft.; h_t=353 ft.; h_r=345 ft.; h_a=410 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	13.7	W.	56	W.	4	3	5	3	7	6	6	17	15	0	1	10	20	24	16	24	20	0	3	22	0	29	0	0
February	11.8	W.	58	W.	3	6	8	3	2	2	11	14	12	0	9	5	15	15	7	14	12	0	2	16	0	26	0	0
March	11.8	NW.	42	NW.	1	10	6	8	10	2	7	4	15	0	6	8	17	18	15	14	7	0	1	6	0	21	2	0
April	14.6	SW.	50	NW.	6	5	2	6	6	4	14	8	15	0	7	13	10	16	12	4	3	2	2	0	0	5	8	0
May	11.3	SW.	52	SE.	3	7	1	8	5	3	15	11	12	0	12	10	9	9	8	0	0	0	1	0	0	0	4	0
June	9.9	NW.	42	NW.	2	12	2	4	9	1	12	10	10	0	9	9	12	11	7	0	0	1	0	0	0	0	7	0
July	8.5	SW.	44	W.	1	8	0	5	9	2	19	9	10	0	7	16	8	10	9	0	0	0	0	0	2	0	13	0
August	10.1	SW.	55	NW.	1	5	4	2	7	5	17	8	14	0	4	17	10	13	10	0	0	1	1	0	0	0	9	0
September	9.2	SE.	37	N.	0	5	5	6	13	3	9	12	7	0	13	9	8	13	9	0	0	0	5	0	0	0	7	0
October	9.9	NW.	33	W.	0	6	2	9	7	6	11	8	13	0	12	10	9	8	8	0	0	0	7	0	0	0	2	0
November	14.1	W.	43	NW.	1	0	1	0	1	11	16	19	12	0	9	7	14	6	2	10	2	0	0	0	0	10	0	0
December	13.6	SW.	46	W.	6	0	2	3	7	6	24	12	8	0	6	13	12	14	8	9	6	0	2	2	0	19	0	0
Year	11.5	SW.	58	W.	28	67	38	57	83	51	161	132	143	0	95	127	144	157	111	75	50	4	24	46	2	110	52	0

POCATELLO, IDAHO.

[H=4,477 ft.; h_t=46 ft.; h_r=37 ft.; h_a=54 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.4	SE.	36	SW.	0	0	0	5	17	4	12	13	11	0	4	7	20	12	9	14	12	0	1	9	0	29	0	0
February	8.9	SE.	40	SW.	1	1	1	2	17	4	15	9	6	3	5	5	19	11	7	10	7	0	0	1	0	24	0	0
March	7.8	SE.	32	SW.	0	4	0	3	15	2	10	7	20	1	7	11	13	13	7	14	11	0	0	2	0	29	1	0
April	9.0	SE.	36	SW.	0	2	1	2	28	4	16	6	1	0	5	12	13	14	9	11	7	1	0	0	0	11	2	0
May	8.3	SE.	42	S.	2	1	0	5	20	12	12	7	5	0	7	12	12	11	7	4	2	2	0	0	0	2	4	0
June	7.9	SE.	37	W.	0	1	1	2	26	6	9	7	6	2	12	9	9	9	6	1	0	2	0	0	0	0	5	0
July	7.4	SE.	33	S.	0	2	0	1	28	11	11	7	1	1	14	9	8	7	4	0	0	0	0	0	4	0	7	0
August	6.6	SE.	41	S.	1	1	1	3	28	5	9	11	3	1	15	11	5	7	6	0	0	0	0	0	2	0	7	0
September	7.2	SE.	35	SW.	0	7	0	2	18	5	10	7	9	2	12	11	7	7	6	0	0	0	0	0	0	2	4	0
October	8.2	SE.	31	SW.	0	2	0	2	21	5	13	14	5	0	10	9	12	13	10	9	6	0	0	0	0	12	1	0
November	9.4	SE.	33	S.	0	0	2	2	30	6	11	8	1	0	7	13	10	7	7	2	1	0	1	0	0	19	0	0
December	9.5	SE.	42	SW.	1	0	1	6	18	3	23	9	2	0	3	14	14	7	1	12	6	0	0	8	0	30	0	0
Year	8.2	SE.	42	S.	5	21	7	35	266	67	151	105	70	10	101	123	142	118	79	77	52	5	2	20	6	158	31	0

POINT REYES LIGHT, CAL.

[H=490 ft.; h_t=7 ft.; h_r=3 ft.; h_a=18 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	16.4	S.	65	S.	6	2	2	0	2	13	1	1	10	0	8	5	18	15	12	0	0	1	19	0	0	0	1	0
February	20.1	NW.	88	NW.	6	1	0	0	0	7	1	0	19	1	6	9	14	9	7	0	0	0	18	0	0	0	0	0
March	20.9	NW.	80	NW.	15	0	0	0	1	6	3	2	19	0	5	11	15	10	7	0	0	1	4	0	0	0	0	0
April	26.2	NW.	77	NW.	16	0	0	0	0	5	4	0	21	0	12	5	13	11	4	0	0	0	2	0	0	0	0	0
May	23.2	NW.	72	NW.	13	3	0	0	0	9	3	1	15	0	10	6	15	7	5	0	0	0	15	0	0	0	0	0
June	26.0	NW.	74	NW.	15	6	0	0	1	4	5	0	14	0	9	6	15	5	2	0	0	0	14	0	0	0	0	0
July	22.1	NW.	62	NW.	6	4	0	0	0	5	0	1	21	0	6	9	16	2	0	0	0	0	26	0	0	0	0	0
August	26.8	NW.	74	NW.	15	5	0	0	0	3	1	1	21	0	11	10	10	0	0	0	0	0	21	0	0	0	0	0
September	17.0	NW.	64	NW.	4	5	0	0	0	3	1	2	19	0	12	4	14	4	4	0	0	0	23	0	0	0	0	0
October	21.0	NW.	75	NW.	11	5	0	0	1	4	1	1	19	0	16	11	4	5	4	0	0	0	11	0	0	0	0	0
November	14.8	S.	60	NW.	7	6	0	2	1	6	4	1	9	1	13	5	12	8	6	0	0	0	12	0	0	0	0	0
December	19.9	NW.	75	NW.	9	4	0	0	1	7	3	1	15	0	11	11	9	9	8	0	0	0	12	0	0	0	0	0
Year	21.2	NW.	88	NW.	123	41	2	2	7	72	27	11	202	2	119	92	155	85	59	0	0	2	177	0	0	0	1	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

PORT CRESCENT, WASH.

[ϕ=48° 8′ N.; λ=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	30.131	28.994	.....	41.1	44.1	34.3	39.2	57	22	....	38	....	87	.....	0.230	4.71	0.90	.....	8.6	7.8
February	29.817	30.227	29.425	.....	44.0	46.5	34.3	40.4	58	26	....	39	....	82	.....	.238	4.00	.96	.....	7.1	7.1
March	29.727	30.128	29.264	.....	45.7	47.9	30.5	39.2	58	24	....	35	....	67	.....	.204	1.65	.46	.....	4.1	4.7
April	29.723	29.932	29.177	.....	48.1	51.0	36.3	43.6	58	29	....	41	....	78	.....	.260	1.10	.32	.....	8.3	7.0
May	29.819	30.036	29.477	.....	55.4	59.5	41.2	50.4	79	32	....	46	....	74	.....	.312	1.08	.39	.....	5.7	5.5
June	29.802	30.086	29.399	.....	56.6	60.7	44.0	52.4	81	35	....	48	....	76	.....	.335	1.74	.68	.....	4.8	5.1
July	29.813	29.946	29.623	.....	59.9	63.5	48.2	55.8	84	40	....	52	....	79	.....	.396	1.35	.58	.....	4.8	5.8
August	29.766	29.911	29.486	.....	59.5	62.7	46.8	54.8	76	36	....	53	....	80	.....	.405	2.59	.99	.....	5.5	5.0
September	29.784	30.015	29.430	.....	58.5	62.2	42.6	52.4	78	34	....	49	....	74	.....	.350	1.49	.75	.....	5.1	6.2
October	29.765	30.067	29.154	.....	48.9	52.7	36.4	44.6	62	28	....	44	....	83	.....	.286	3.06	.85	.....	6.3	6.9
November	29.703	30.211	29.274	.....	44.8	48.6	36.0	42.3	56	30	....	42	....	90	.....	.266	6.07	1.34	.....	8.5	9.0
December	29.825	30.349	29.138	.....	41.2	44.7	34.3	39.5	50	30	....	37	....	86	.....	.222	6.62	1.47	.....	8.4	8.6
Year	29.771	30.349	28.994	.....	50.3	53.7	38.7	46.2	84	22	....	44	....	80	.....	.292	35.46	1.47	.....	6.4	6.6

PORT HURON, MICH.

[ϕ=43° 0′ N.; λ=82° 26′ W.]

January	29.325	29.850	28.672	8.6	11.3	17.5	4.0	10.8	37	−8	4	6	81	77	0.055	0.057	1.39	0.58	7.2	5.7	6.8
February	29.263	29.818	28.248	12.5	18.8	23.4	9.1	16.2	46	−19	9	14	86	80	.075	.090	1.86	1.20	6.3	5.9	6.4
March	29.447	29.968	28.817	20.0	25.9	30.8	16.8	23.8	48	1	16	20	84	77	.096	.112	1.78	.88	4.4	4.4	4.7
April	29.271	29.723	28.789	40.8	43.7	53.1	34.6	43.8	72	21	34	37	78	79	.206	.232	3.10	.98	5.3	6.5	5.6
May	29.224	29.542	28.807	52.5	55.9	65.5	46.0	55.8	83	33	44	47	75	73	.304	.328	3.68	1.28	5.5	6.6	5.2
June	29.340	29.748	28.866	60.2	63.3	72.4	52.2	62.3	85	40	51	51	72	65	.388	.381	1.70	.80	4.7	3.8	4.1
July	29.330	29.597	29.040	66.5	69.5	77.4	60.2	68.8	90	48	61	60	82	74	.546	.542	4.17	1.53	5.7	4.6	4.7
August	29.261	29.553	28.865	61.6	65.4	72.5	57.4	65.0	88	48	57	58	85	78	.473	.503	3.67	.67	8.0	5.2	6.4
September	29.337	29.675	29.034	59.9	64.4	72.3	55.5	63.9	93	37	56	57	87	79	.468	.497	3.89	1.07	6.4	4.5	5.8
October	29.250	29.753	29.008	46.4	52.2	60.5	42.7	51.6	79	34	42	45	84	78	.272	.312	2.85	.81	4.5	4.4	5.1
November	29.282	29.731	28.790	36.4	39.7	45.9	32.6	39.2	64	21	32	34	82	78	.183	.197	1.68	.86	6.4	5.4	6.9
December	29.241	29.659	28.718	29.2	31.6	37.4	24.3	30.8	55	10	24	26	81	79	.135	.147	1.29	.29	7.8	5.6	7.4
Year	29.306	29.968	28.248	41.2	45.1	52.4	36.3	44.3	93	−19	36	38	81	76	.267	.283	31.06	1.53	6.0	5.2	5.8

PORTLAND, ME.

[ϕ=43° 39′ N.; λ=70° 15′ W.]

January	29.831	30.436	28.743	11.6	16.5	22.5	8.1	15.3	45	−7	3	6	65	62	0.055	0.061	4.86	2.28	5.3	4.9	5.8
February	29.726	30.264	28.613	18.2	24.5	31.0	15.3	23.2	48	−7	7	12	60	57	.067	.081	4.44	2.72	4.2	2.4	4.3
March	29.964	30.566	29.287	26.8	32.0	38.2	22.3	30.2	58	3	18	19	67	58	.108	.114	6.34	2.85	4.9	4.0	4.7
April	29.845	30.488	29.110	39.9	42.9	50.3	34.7	42.5	73	23	28	30	65	64	.164	.183	3.49	1.03	5.2	4.5	6.2
May	29.846	30.275	29.388	52.8	52.8	61.5	46.4	54.0	86	37	43	43	72	72	.286	.284	3.81	.93	5.8	6.2	6.3
June	29.838	30.147	29.470	61.4	62.0	71.4	51.6	61.5	86	39	48	48	62	62	.348	.347	.55	.30	3.0	4.0	3.9
July	29.836	30.195	29.393	67.5	67.2	76.6	59.7	68.2	92	51	57	58	71	73	.485	.487	2.50	1.45	4.1	3.0	4.7
August	29.818	30.194	29.470	61.4	62.2	70.1	55.6	62.8	88	47	54	55	79	79	.431	.445	2.26	.69	5.5	4.0	5.8
September	29.951	30.277	29.610	56.3	58.1	65.7	50.5	58.1	84	39	49	51	78	79	.364	.385	2.91	1.27	5.7	5.3	6.3
October	29.907	30.340	29.400	48.2	52.0	60.5	43.9	52.2	77	34	40	42	75	72	.260	.281	2.29	.93	4.1	2.9	4.3
November	29.844	30.305	29.315	37.0	40.5	46.7	32.7	39.7	61	20	29	31	72	70	.167	.185	3.58	1.25	5.3	4.0	5.4
December	29.840	30.482	28.910	29.5	33.9	39.1	25.5	32.3	58	9	21	24	68	66	.119	.138	4.16	1.10	4.6	3.9	4.9
Year	29.854	30.566	28.613	42.6	45.4	52.8	37.2	45.0	92	−7	33	35	70	68	.238	.249	41.19	2.85	4.8	4.1	5.2

PORTLAND, OREG.

[ϕ=45° 32′ N.; λ=122° 41′ W.]

January	29.898	30.255	29.280	39.7	43.1	46.1	36.6	41.4	58	20	36	38	86	82	0.219	0.233	8.01	2.17	6.7	8.4	8.3
February	29.985	30.320	29.659	41.7	48.4	50.8	39.8	45.3	60	32	37	37	83	68	.221	.230	4.85	.79	6.7	7.0	7.2
March	29.825	30.181	29.407	39.8	52.5	54.5	38.2	46.4	71	30	33	32	78	49	.192	.188	1.41	.54	4.3	5.3	5.5
April	29.837	30.071	29.161	43.5	56.3	58.0	41.8	49.9	72	34	40	43	87	62	.246	.280	2.04	.48	7.5	7.7	8.0
May	29.893	30.180	29.474	50.8	66.5	68.8	49.5	59.2	89	43	45	50	84	58	.307	.362	1.89	.48	5.8	5.3	5.3
June	29.868	30.174	29.577	55.0	71.8	73.6	53.6	63.6	93	45	50	50	83	52	.359	.374	3.03	1.30	5.3	5.4	5.4
July	29.868	30.009	29.669	58.6	76.1	76.9	57.8	67.4	96	53	54	56	84	53	.411	.446	.48	.23	5.1	4.7	4.9
August	29.832	29.984	29.531	57.9	73.8	75.1	56.4	65.8	93	50	54	55	86	56	.415	.440	3.39	.90	7.6	4.8	5.7
September	29.854	30.079	29.505	54.0	70.4	72.3	52.2	62.2	84	42	50	54	86	57	.356	.420	1.18	.64	3.8	4.5	4.9
October	29.903	30.155	29.393	46.6	56.8	59.3	44.0	51.6	72	38	42	46	86	69	.274	.314	3.36	1.09	5.4	6.1	7.0
November	29.902	30.306	29.411	44.4	49.5	52.4	41.8	47.1	61	31	41	45	88	84	.260	.297	5.80	1.18	5.3	7.9	8.1
December	30.035	30.492	29.321	39.8	43.2	45.9	37.0	41.4	54	30	36	38	87	83	.213	.232	8.03	2.40	7.5	7.4	8.5
Year	29.892	30.492	29.161	47.6	59.0	61.1	45.7	53.4	96	20	43	45	85	64	.289	.318	43.47	2.40	5.9	6.2	6.6

Annual meteorological summary for the year ending December 31, 1912—Continued.

PORT CRESCENT, WASH.

[H=259 ft.; h_t=8 ft.; h_r=4 ft.; h_a=53 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	6.1	SE.	38	NE.	0	0	3	7	12	5	0	3	1	0	2	11	18	21	16	3	3	0	0	0	0	11	0	0
February	5.5	SE.	22	NE.	0	0	3	8	6	5	2	4	1	0	3	10	16	19	13	0	0	0	1	0	0	10	0	0
March	6.7	S.	38	NE.	0	3	4	6	7	0	4	4	3	0	11	12	8	10	9	0	0	0	0	0	0	20	0	0
April	5.0	NW.	17	NW.	0	0	5	2	0	0	2	5	16	0	1	15	14	15	10	1	1	0	0	0	0	5	0	0
May	5.4	NW.	17	W.	0	2	2	2	1	0	0	7	17	0	6	17	8	11	6	0	0	0	1	0	0	1	0	0
June	5.2	NW.	15	NW.	0	1	1	1	0	1	3	9	14	0	10	11	9	12	10	0	0	0	1	0	0	0	4	0
July	4.7	NW.	13	SE.	0	5	1	1	1	0	1	5	17	0	7	14	10	8	3	0	0	0	8	0	0	0	0	0
August	4.3	NW.	16	NW.	0	3	3	2	0	0	3	11	9	0	6	16	9	10	8	0	0	0	4	0	0	0	1	0
September	5.1	S.	17	E.	0	2	5	2	9	0	1	3	8	0	9	13	8	7	5	0	0	0	2	0	0	0	0	0
October	4.8	S.	22	NE.	0	4	1	3	8	3	2	4	6	0	5	11	15	17	11	0	0	0	1	0	0	6	0	0
November	4.7	S.	26	S.	0	2	1	6	9	6	2	3	1	0	0	4	26	22	17	0	0	0	0	0	0	10	1	0
December	5.3	S.	28	S.	0	1	0	3	12	4	7	4	0	0	1	6	24	21	17	2	1	0	0	0	0	7	2	0
Year	5.2	NW.	38	NE.	0	23	29	43	65	24	27	62	93	0	61	140	165	173	125	6	5	0	18	0	0	70	8	0

PORT HURON, MICH.

[H=638 ft.; h_t=70 ft.; h_r=63 ft.; h_a=120 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.1	NW.	37	W.	0	1	3	2	3	3	13	17	20	0	9	4	18	12	7	19	11	0	0	30	0	31	0	0
February	10.9	W.	47	NW.	3	2	5	3	0	8	11	19	10	0	9	5	15	13	8	13	11	0	1	22	0	28	0	0
March	11.5	NE.	36	N.	0	13	14	6	2	6	9	5	7	0	13	7	11	11	8	10	10	0	0	20	0	30	0	0
April	13.7	NE.	42	S.	1	5	11	7	5	4	13	5	10	0	9	12	9	11	8	4	1	1	1	1	0	8	4	0
May	10.7	NE.	38	N.	0	6	15	2	5	13	6	8	7	0	11	10	10	14	12	1	1	0	0	0	0	0	8	0
June	9.2	SW.	36	W.	0	8	10	3	4	5	16	9	5	0	14	10	6	8	6	0	0	0	0	0	0	0	5	0
July	9.0	SW.	38	N.	0	9	10	4	5	10	15	2	7	0	12	11	8	12	11	0	0	0	1	0	0	0	6	0
August	8.9	S.	30	NW.	0	5	9	3	10	9	10	7	9	0	4	16	11	14	13	0	0	0	0	0	0	0	4	0
September	8.5	W.	29	W.	0	8	6	2	8	10	12	9	5	0	9	10	11	14	13	0	0	0	0	0	3	0	3	0
October	11.6	SW.	38	W.	0	2	2	2	5	8	22	8	12	1	11	9	11	10	7	0	0	0	1	0	0	0	2	0
November	13.1	SW.	37	NW.	0	3	1	0	2	10	20	13	11	0	4	10	16	9	5	9	2	0	1	0	0	15	0	0
December	13.7	SW.	37	W.	0	1	1	2	2	11	25	13	7	0	5	7	19	17	9	15	9	0	0	7	0	24	0	0
Year	11.0	SW.	47	NW.	4	63	87	36	51	97	172	115	110	1	110	111	145	145	107	71	45	1	5	80	3	136	32	0

PORTLAND, ME.

[H=103 ft.; h_t=82 ft.; h_r=75 ft.; h_a=117 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.1	NW.	50	NW.	3	19	0	0	0	2	11	9	21	0	11	5	15	12	9	18	11	0	0	24	0	31	0	0
February	9.6	W.	46	SE.	1	6	3	0	3	4	12	14	16	0	15	6	8	6	5	9	4	0	0	16	0	28	0	0
March	9.4	NW.	38	NW.	0	7	0	2	1	8	12	13	19	0	16	5	10	11	8	7	4	0	0	8	0	23	0	0
April	10.1	W.	36	NW.	0	6	6	5	1	12	5	13	12	0	9	7	14	14	13	4	4	1	3	0	0	11	1	0
May	10.3	S.	34	NW.	0	11	6	5	4	14	12	8	2	0	11	4	16	19	14	1	0	0	2	0	0	0	2	0
June	9.9	S.	34	NW.	0	1	2	0	3	12	14	12	16	0	16	9	5	7	5	0	0	0	0	0	0	0	2	0
July	8.5	S.	31	NW.	0	5	1	3	5	15	10	11	12	0	15	8	8	10	7	0	0	0	2	0	2	0	5	0
August	8.0	S.	31	NW.	0	4	3	4	3	16	10	9	13	0	10	10	11	13	7	0	0	0	6	0	0	0	5	0
September	7.0	NW.	30	NW.	0	9	6	4	5	9	11	3	11	2	9	6	15	9	7	0	0	0	0	0	0	0	3	0
October	8.8	SW.	32	NW.	0	6	2	3	2	6	17	14	12	0	17	5	9	12	10	0	0	0	3	0	0	0	1	0
November	10.4	SW.	50	E.	2	6	4	0	1	5	22	8	14	0	11	9	10	8	7	5	0	0	0	1	0	15	0	0
December	10.0	SW.	47	S.	1	8	1	0	4	4	27	10	8	0	14	8	9	8	8	6	2	0	1	5	0	26	0	0
Year	9.3	SW.	50	NW.	7	88	34	26	32	107	163	124	156	2	154	82	130	129	100	50	25	1	17	54	2	134	19	0

PORTLAND, OREG.

[H=153 ft.; h_t=68 ft.; h_r=63 ft.; h_a=106 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.7	E.	28	SW.	0	7	8	14	8	9	10	3	3	0	4	3	24	22	19	4	4	0	5	2	0	9	0	0
February	7.2	SE.	31	SW.	0	1	3	8	15	3	9	6	13	0	5	6	18	18	14	0	0	0	3	0	0	1	0	0
March	7.5	NW.	29	E.	0	4	8	11	5	4	11	3	16	0	11	8	12	10	8	1	0	0	2	0	0	3	0	0
April	5.6	SW.	24	S.	0	5	6	1	9	8	13	8	10	0	4	2	24	16	12	1	0	0	1	0	0	0	0	0
May	5.6	S.	24	SE.	0	11	1	4	4	14	8	8	12	0	12	6	13	13	10	0	0	0	0	0	0	0	2	0
June	6.2	NW.	23	W.	0	13	6	0	2	5	6	7	20	1	10	8	12	10	6	0	0	1	0	0	2	0	3	0
July	5.3	NW.	17	NW.	0	12	2	1	6	8	2	3	26	2	15	4	12	5	3	0	0	0	0	0	4	0	1	0
August	5.9	NW.	27	SW.	0	10	3	0	2	9	12	5	21	0	13	3	15	11	9	0	0	0	0	0	2	0	3	0
September	5.9	NW.	28	E.	0	7	4	7	7	5	8	2	20	0	12	7	11	7	5	0	0	0	3	0	0	0	1	0
October	5.8	NW.	37	SW.	0	2	1	7	15	9	5	2	21	0	6	8	17	15	13	0	0	0	5	0	0	0	0	0
November	6.4	SE.	36	SW.	0	5	1	5	16	13	11	2	7	0	3	5	22	18	16	0	0	1	4	0	0	1	2	0
December	7.4	SW.	31	SW.	0	5	2	4	11	10	16	8	6	0	2	3	26	21	16	3	0	1	3	0	0	2	0	0
Year	6.3	NW.	37	SW.	0	82	45	62	100	97	111	57	175	3	97	63	206	166	131	9	4	3	26	2	8	16	12	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

PROVIDENCE, R. I.

[ϕ=41° 50′ N.; λ=71° 25′ 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	29.812	30.358	28.828	17.8	21.7	28.4	13.0	20.7	53	− 6	13	13	79	67	0.093	0.084	4.09	1.13	5.2	4.6	5.8
February	29.723	30.250	28.837	21.2	26.8	34.6	18.3	26.4	54	− 5	13	16	69	61	.087	.095	2.65	1.18	4.9	2.6	4.2
March	29.931	30.515	29.272	31.5	35.7	42.7	26.2	34.4	60	9	24	28	75	73	.148	.167	6.36	1.45	4.6	5.5	4.7
April	29.816	30.486	29.169	43.5	46.0	55.4	37.6	46.5	76	24	36	35	78	69	.224	.218	3.61	.95	4.9	5.3	6.5
May	29.803	30 152	29.379	56.8	56.5	66.0	49.0	57.5	81	36	47	47	72	74	.331	.339	3.99	1.07	5.3	6.5	5.9
June	29.826	30.141	29.496	65.0	67.4	76.4	55.9	66.2	89	43	51	54	62	65	.392	.445	.63	.27	4.1	4.7	4.0
July	29.820	30.188	29.372	71.1	71.7	81.5	62.9	72.2	96	51	59	62	66	72	.517	.566	1.76	.81	4.1	4.7	4.2
August	29.786	30.119	29.414	66.2	67.9	76.0	59.5	67.8	87	46	57	60	73	77	.485	.536	2.90	1.01	4.9	5.4	5.4
September	29.906	30.201	29.597	60.6	62.4	71.3	53.8	62.6	88	37	54	57	80	84	.441	.487	1.87	.99	4.6	5.2	5.8
October	29.883	30.275	29.483	52.6	55.7	65.4	45.8	55.6	81	33	44	46	73	72	.304	.332	2.37	2.08	3.4	2.7	3.7
November	29.820	30.327	29.283	40.9	45.1	51.9	35.9	43.9	69	22	33	38	73	76	.198	.246	2.81	1.16	4.6	3.4	5.1
December	29.834	30.451	28.963	34.0	38.4	44.3	30.4	37.4	68	14	28	31	79	74	.163	.181	5.61	1.36	4.0	4.8	5.2
Year	29.830	30.515	28.828	46.8	49.6	57.8	40.7	49.3	96	− 6	38	41	73	72	.282	.308	38.65	2.08	4.6	4.6	5.0

PUEBLO, COLO.

[ϕ=38° 18′ N.· λ=104° 36′ W.]

January	25.240	25.591	24.585	20.3	29.8	38.8	13.4	26.1	68	−14	12	20	69	69	0.084	0.117	0.18	0.14	2.4	2.3	3.0
February	25.247	25.608	24.835	23.8	36.4	43.2	21.4	32.3	60	8	17	24	74	60	.092	.127	.40	.33	4.6	6.3	5.3
March	25.204	25.544	24.762	24.4	38.0	44.4	22.4	33.4	70	1	18	24	77	61	.099	.127	.53	.25	4.5	5.9	5.0
April	25.172	25.517	24.678	36.8	57.4	62.3	35.3	48.8	81	24	26	24	64	34	.138	.137	1.21	.46	3.2	5.2	4.2
May	25.214	25.560	24.823	48.3	69.2	73.2	46.1	59.6	89	33	34	28	59	27	.198	.160	1.55	.86	4.0	5.4	4.6
June	25.349	25.602	24.914	53.4	71.6	78.4	51.5	65.0	91	37	43	44	69	42	.278	.292	2.24	1.65	2.4	5.9	4.1
July	25.339	25.582	25.102	60.4	80.5	86.6	59.0	72.8	96	48	50	49	69	38	.362	.366	2.50	.86	3.0	5.2	4.1
August	25.308	25.482	25.070	58.8	79.1	86.1	57.9	72.0	96	50	51	50	76	41	.381	.374	1.85	.67	3.2	5.5	3.6
September	25.326	25.685	24.955	45.3	65.1	70.8	44.0	57.4	90	28	38	39	76	44	.238	.252	.52	.40	3.4	4.4	4.0
October	25.299	25.683	24.914	38.1	59.3	66.7	36.0	51.4	83	24	29	32	72	38	.160	.178	.58	.27	2.1	3.1	2.7
November	25.373	25.802	24.900	28.9	48.5	58.7	24.3	41.5	77	8	17	23	63	38	.094	.123	T.	T.	1.4	2.3	2.3
December	25.285	25.658	24.836	22.1	37.1	46.9	15.4	31.2	66	1	10	15	60	40	.067	.084	.02	.02	1.5	1.9	1.8
Year	25.280	25.802	24.585	38.4	56.0	63.0	35.6	49.3	96	−14	29	31	69	44	.183	.195	11.58	1.65	3.0	4.4	3.7

RALEIGH, N. C.

[ϕ=35° 45′ N.; λ=78° 37′ W.]

January	29.686	30.073	29.256	29.2	35.3	41.7	25.6	33.6	61	6	21	22	72	61	0.123	0.129	2.38	0.85	6.5	4.2	6.0
February	29.588	30.019	28.743	31.8	41.9	48.4	29.0	38.7	71	14	23	28	69	58	.136	.171	2.89	.85	4.5	3.3	4.9
March	29.706	30.187	29.117	43.9	52.2	59.0	40.2	49.6	83	25	37	39	78	63	.244	.252	6.42	1.45	6.1	5.8	6.0
April	29.668	30 097	29.100	56.8	64.5	71.9	53.2	62.6	83	39	48	49	72	62	.357	.374	3.74	1.94	5.3	4.2	5.3
May	29.596	29.888	29.226	65.5	71.5	79.1	59.7	69.4	90	49	56	57	73	64	.470	.484	4.39	1.78	4.2	5.1	4.5
June	29.653	29.985	29.363	70.5	74.7	83.4	64.6	74.0	94	50	63	63	78	69	.590	.597	4.74	1.88	5.2	6.8	5.9
July	29.668	29.951	29.288	73.6	79.0	87.4	69.8	78.6	94	64	67	66	80	67	.665	.653	1.28	.69	5.7	5.8	6.1
August	29.614	29.823	29.308	71.4	78.2	87.7	67.5	77.6	96	56	64	64	79	63	.616	.604	2.86	1.39	4.8	4.0	4.8
September	29.646	29.912	29.496	69.8	74.7	83.6	67.1	75.4	99	53	65	64	86	72	.637	.620	3.20	1.51	7.5	5.1	6.3
October	29.700	30.017	29.431	55.9	64.1	72.6	52.5	62.6	89	40	48	48	75	58	.350	.360	1.66	1.23	3.5	2.8	3.4
November	29.733	30.158	29.278	43.5	52.6	61.2	40.6	50.9	79	25	33	33	67	48	.208	.200	2.35	1.66	2.8	2.2	3.0
December	29.724	30.124	29.286	40.8	47.9	54.8	38.0	46.4	73	23	34	35	77	62	.227	.237	3.58	.75	5.3	4.1	5.5
Year	29.665	30.187	28.743	54.4	61.4	69.2	50.6	60.0	99	6	47	47	76	62	.385	.390	39.49	1.94	5.1	4.4	5.1

RAPID CITY, S. DAK.

[ϕ=44° 4′ N.; λ=103° 12′ W.]

January	26.573	26.912	26.203	13.1	18.8	29.5	5.4	17.4	56	−23	6	12	76	74	0.068	0.087	0.14	0.03	5.3	5.2	5.8
February	26.616	27.061	26.197	21.7	28.3	34.8	17.1	26.0	53	−15	14	19	72	67	.084	.106	.71	.55	5.4	6.4	5.3
March	26.619	27.059	26.168	17.0	26.6	32.9	11.4	22.1	63	− 9	11	17	80	71	.077	.097	1.19	.33	5.6	6.0	5.0
April	26.480	26.778	25.869	39.2	53.9	58.8	35.8	47.3	73	26	28	28	66	41	.155	.152	1.61	.95	5.0	5.8	5.0
May	26.522	27.043	26.138	50.2	61.3	65.2	44.2	54.7	81	33	35	35	59	41	.212	.211	2.25	.94	5.2	7.9	5.4
June	26.652	27.049	26.212	57.6	71.4	76.0	52.4	64.2	97	40	44	43	64	40	298	.285	.93	.29	5.1	6.0	5.1
July	26.630	27.011	26.398	61.4	76.2	80.9	57.3	69.1	92	42	53	54	76	49	.412	.431	6.64	3.05	5.4	5.4	4.9
August	26.598	26.877	26.309	59.6	73.4	79.1	56.2	67.6	93	49	49	50	71	48	.351	.376	2.86	.79	3.9	5.0	3.5
September	26.654	27.097	26.305	46.7	57.0	63.1	42.4	52.8	92	27	36	37	69	52	.220	.228	.90	.35	6.0	6.9	6.0
October	26.611	26.930	26.138	40.3	51.1	60.5	35.0	47.8	83	20	27	29	63	46	.148	.160	.34	.20	4.6	4.6	4.6
November	26.637	27.197	26.158	35.3	41.6	54.4	27.4	40.9	71	10	18	22	51	45	.100	.117	.01	.01	3.8	3.6	4.7
December	26.538	26.910	25.878	28.6	31.2	42.1	19.6	30.8	62	0	14	15	56	51	.082	.086	.21	.11	3.7	2.9	5.1
Year	26.594	27.197	25.869	39.2	49.2	56.4	33.7	45.1	97	−23	28	30	67	52	.184	.195	17.79	3.05	4.9	5.5	5.0

Annual meteorological summary for the year ending December 31, 1912—Continued.

PROVIDENCE, R. I.

[H=160 ft.; h_t=141 ft.; h_r=134 ft.; h_a=165 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.*	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	12.2	NW.	54	N.	3	14	3	2	3	3	6	9	22	0	9	12	10	13	9	17	11	0	1	20	0	30	0	0
February	12.6	NW.	48	W.	3	5	6	0	1	3	5	10	28	0	15	10	4	6	6	4	2	0	0	13	0	27	0	0
March	12.3	NW.	48	SW.	2	15	2	3	9	5	5	3	20	0	14	7	10	15	11	8	7	0	1	7	0	20	1	0
April	12.2	NW.	50	W.	2	8	7	4	13	6	2	8	12	0	5	13	12	17	11	4	1	0	2	0	0	5	2	0
May	11.1	SE.	42	W.	1	6	8	4	18	8	8	4	6	0	8	13	10	15	11	0	0	1	1	0	0	0	4	0
June	10.9	NW.	33	W.	0	9	3	0	10	6	9	14	9	0	13	15	2	5	3	0	0	0	0	0	0	0	0	0
July	9.7	S.	34	NW.	0	5	3	5	4	18	9	6	12	0	16	12	3	7	5	0	0	0	0	0	4	0	5	0
August	9.1	NW.	47	NW.	1	6	2	3	17	2	11	6	15	0	7	20	4	7	6	0	0	0	0	0	0	0	6	0
September	7.8	NW.	34	NW.	0	13	5	1	5	6	13	3	13	1	8	12	10	12	7	0	0	0	0	0	0	0	2	0
October	9.4	NW.	36	NW.	0	6	1	4	11	6	6	9	18	1	18	6	7	6	4	0	0	0	1	0	0	0	0	0
November	9.2	NW.	39	SE.	0	5	2	1	3	3	17	12	17	0	12	7	11	8	7	3	1	0	0	0	0	9	1	0
December	7.2	SW.	36	SW.	0	4	1	2	2	5	24	7	17	0	12	9	10	8	7	6	2	0	2	3	0	18	0	0
Year	10.3	NW.	54	N.	12	96	43	29	96	71	115	91	189	2	137	136	93	119	87	42	24	1	8	43	4	109	21	0

PUEBLO, COLO.

[H=4,685 ft.; h_t=80 ft.; h_r=72 ft.; h_a=86 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.8	NW.	47	W.	1	8	8	6	6	2	5	8	17	2	20	10	1	3	1	8	3	0	0	10	0	29	0	0
February	7.2	NW.	39	NW.	0	7	5	11	15	0	2	7	10	1	8	13	8	2	2	10	2	0	0	4	0	28	0	0
March	7.3	SE.	38	W.	0	4	8	9	23	1	1	7	9	0	10	11	10	8	5	13	8	0	1	8	0	27	0	0
April	9.4	SE.	54	NW.	2	5	4	4	12	1	4	13	16	1	11	17	2	7	6	3	3	2	1	0	0	11	3	0
May	8.2	SE.	42	N.	1	4	4	8	10	1	5	12	16	2	9	17	5	6	4	2	2	0	0	0	0	0	2	0
June	6.5	SE.	38	NW.	0	5	5	7	16	1	2	6	14	4	13	12	5	10	7	0	0	0	0	0	2	0	9	0
July	6.6	SE.	38	E.	0	11	5	9	6	1	7	6	13	4	11	17	3	9	8	0	0	2	0	0	8	0	12	0
August	5.7	SE.	31	NW.	0	6	4	12	16	0	2	7	15	0	15	13	3	7	6	0	0	0	0	0	9	0	10	0
September	6.1	SE.	38	N.	0	5	4	14	12	2	6	6	8	3	15	8	7	7	2	0	0	0	1	0	1	3	3	0
October	6.5	NW.	36	W.	0	7	4	13	8	2	2	6	18	2	22	7	2	4	2	3	1	0	0	0	0	11	1	0
November	6.4	NW.	42	NE.	1	6	3	7	7	0	3	14	20	0	20	10	0	0	0	0	0	0	0	0	0	24	0	0
December	8.0	NW.	48	W.	3	13	5	5	9	0	1	10	19	0	23	8	0	1	0	2	1	0	0	2	0	31	0	0
Year	7.0	NW.	54	NW.	8	81	59	105	140	11	40	102	175	19	177	143	46	64	43	41	20	4	3	24	20	164	40	0

RALEIGH, N. C.

[H=376 ft.; h_t=103 ft.; h_r=94 ft.; h_a=110 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.6	NE.	34	NW.	0	6	22	4	1	2	7	10	9	1	11	4	16	9	7	5	3	0	0	5	0	22	0	0
February	8.8	NW.	48	W.	1	13	10	3	3	5	11	6	7	0	13	7	9	11	7	4	4	0	1	0	0	19	1	0
March	8.7	NE.	48	SW.	1	9	14	10	3	5	12	5	4	0	10	7	14	12	12	3	3	0	0	0	0	8	1	0
April	9.6	SW.	39	NW.	0	6	2	4	7	7	22	6	6	0	11	7	12	12	8	0	0	0	0	0	0	0	3	0
May	8.2	SW.	38	NW.	0	3	7	6	8	9	10	10	9	0	14	8	9	9	8	0	0	0	0	0	2	0	7	0
June	7.0	SW.	35	W.	0	7	8	4	7	8	14	9	3	0	8	10	12	10	10	0	0	0	0	0	6	0	8	0
July	7.2	SW.	32	S.	0	3	7	5	6	8	18	12	3	0	6	17	8	9	4	0	0	0	0	0	10	0	9	0
August	7.4	W.	37	NW.	0	3	10	3	9	5	11	17	4	0	9	17	5	8	7	0	0	0	0	0	15	0	9	0
September	7.1	NE.	36	NW.	0	2	22	4	13	6	6	3	3	1	6	11	13	10	7	0	0	0	0	0	6	0	6	0
October	6.8	NE.	25	NW.	0	7	23	2	4	3	13	4	6	0	17	8	6	4	3	0	0	0	0	0	0	0	1	0
November	7.7	SW.	30	NW.	0	14	8	1	1	3	15	5	13	0	19	8	3	4	4	1	1	0	0	0	0	5	0	0
December	7.2	SW.	38	W.	0	10	9	2	3	7	13	11	7	0	12	5	14	15	13	0	0	0	1	0	0	13	0	0
Year	7.9	SW.	48	SW.	2	83	142	48	65	68	152	98	74	2	136	109	121	113	90	13	11	0	2	5	39	67	45	0

RAPID CITY, S. DAK.

[H=3,234 ft.; h_t=46 ft.; h_r=35 ft.; h_a=50 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.1	W.	34	NW.	0	10	6	3	10	2	2	19	9	1	9	9	13	8	0	11	8	0	3	14	0	30	0	0
February	6.8	W.	32	N.	0	9	3	4	3	1	5	19	14	0	12	7	10	6	3	10	6	0	0	10	0	27	0	0
March	7.3	N.	31	SW.	0	13	7	3	13	4	4	13	5	0	15	4	12	11	9	12	11	0	0	16	0	27	0	0
April	9.4	W.	35	NW.	0	4	3	6	7	3	6	16	15	0	12	8	10	9	6	4	3	0	3	0	0	11	3	0
May	9.8	W.	36	N.	0	18	3	4	6	2	5	17	7	0	12	7	12	10	9	1	0	2	1	0	0	0	9	0
June	7.7	SE	39	SE.	0	7	3	3	16	8	1	19	3	0	13	8	9	7	4	0	0	0	0	0	7	0	7	0
July	6.4	W.	33	W.	0	9	6	8	9	6	2	19	3	0	12	11	8	16	14	0	0	4	0	0	1	0	13	0
August	7.0	W.	35	SW.	0	4	5	9	13	2	3	18	7	1	19	7	5	12	10	0	0	1	2	0	4	0	12	0
September	7.5	NW.	40	SW.	1	16	1	4	5	2	1	16	15	0	10	8	12	10	6	1	1	0	1	0	2	4	1	0
October	7.2	W.	33	W.	0	7	3	4	5	4	5	19	14	1	15	6	10	6	3	3	3	0	1	0	0	10	0	0
November	7.2	W.	35	W.	0	7	0	1	3	2	7	32	8	0	11	14	5	1	0	2	0	0	0	1	0	23	0	0
December	8.6	W.	40	W.	1	7	1	1	6	1	3	27	16	0	12	10	9	5	1	8	5	0	0	5	0	28	0	0
Year	7.6	W.	40	W.	2	111	41	50	96	37	44	234	116	3	152	99	115	101	65	52	37	7	11	46	14	160	45	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

RED BLUFF, CAL.

[ϕ=40° 10′ N.; λ=122° 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	29.768	30.013	29.312	42.6	52.1	53.9	41.5	47.7	69	26	40	44	91	76	0.259	0.294	3.48	0.56	5.8	7.1	6.9
February	29.791	29.957	29.319	45.1	59.5	60.7	43.1	51.9	72	34	37	39	76	52	.233	.256	.51	.35	3.5	5.4	5.1
March	29.580	29.862	29.138	44.5	58.6	60.2	42.6	51.4	76	34	36	36	76	48	.222	.220	4.80	2.63	5.0	4.2	4.5
April	29.626	29.868	29.244	46.4	62.7	64.5	44.7	54.6	76	37	39	37	76	42	.239	.230	2.63	1.25	4.9	6.3	5.7
May	29.600	29.792	29.289	55.6	74.9	77.4	54.3	65.8	93	44	44	41	67	36	.289	.266	1.58	.50	3.9	4.0	3.9
June	29.541	29.703	29.340	61.7	84.4	85.8	60.6	73.2	105	50	47	40	60	24	.326	.256	.55	.37	3.2	3.5	3.2
July	29.539	29.676	29.326	65.4	91.8	92.9	64.1	78.5	109	56	46	41	52	18	.320	.263	.04	.04	1.6	2.0	1.6
August	29.521	29.709	29.317	64.4	90.3	91.3	62.5	76.9	102	54	47	42	54	19	.328	.271	.00	.00	0.7	2.8	1.7
September	29.560	29.708	29.316	60.0	80.9	82.8	58.4	70.6	99	48	50	48	70	36	.360	.347	4.12	3.90	2.2	2.9	2.5
October	29.644	29.823	29.330	51.1	68.6	70.7	48.8	59.8	86	36	35	37	58	36	.207	.230	.79	.60	2.2	3.5	3.5
November	29.765	29.997	29.464	46.1	57.8	60.5	44.1	52.3	74	36	42	45	87	66	.275	.307	2.42	1.58	4.6	5.0	5.4
December	29.889	30.138	29.468	41.8	52.0	54.7	39.2	47.0	71	29	32	35	72	56	.191	.211	.88	.57	3.5	5.1	4.5
Year	29.652	30.138	29.138	52.1	69.5	71.3	50.3	60.8	109	26	41	40	70	42	.271	.263	21.80	3.90	3.4	4.3	4.0

RENO, NEV.

[ϕ=39° 32′ N.; λ=119° 49′ W.]

January	25.526	25.851	25.192	27.3	42.5	46.8	23.7	35.2	62	−11	22	27	82	56	0.127	0.149	0.44	0.22	4.9	5.5	6.1
February	25.547	25.783	25.165	29.3	49.1	52.9	25.8	39.4	62	11	22	28	75	44	.122	.153	.01	.01	3.6	4.8	4.8
March	25.324	25.591	24.926	30.6	46.4	50.3	27.2	38.8	63	16	24	23	76	41	.133	.123	.83	.28	4.5	4.7	4.9
April	25.378	25.647	25.015	35.4	50.6	55.7	32.3	44.0	71	23	27	26	71	40	.143	.142	.49	.27	5.7	6.3	6.2
May	25.449	25.679	25.228	41.9	62.6	66.8	40.2	53.5	84	32	34	32	73	34	.193	.181	.26	.15	3.4	5.1	4.3
June	25.445	25.606	25.280	48.2	71.2	77.1	46.6	61.8	93	37	36	35	64	29	.216	.206	.47	.24	2.6	3.5	3.1
July	25.489	25.668	25.299	53.2	78.0	83.9	51.6	67.8	97	35	40	39	62	27	.251	.245	.58	.48	2.7	3.4	3.0
August	25.459	25.616	25.331	51.5	78.7	83.3	49.3	66.3	93	37	39	37	63	24	.238	.226	.96	.96	1.0	2.5	1.9
September	25.485	25.677	25.300	45.2	70.1	74.6	42.3	58.4	89	35	35	33	68	27	.201	.187	.39	.38	3.2	2.5	2.9
October	25.476	25.698	25.117	37.9	55.4	61.4	33.2	47.3	77	22	28	28	67	37	.150	.153	.04	.03	3.5	3.1	3.7
November	25.575	25.843	25.245	32.8	49.7	56.2	28.5	42.4	65	20	26	28	77	44	.142	.154	.10	.08	3.1	4.5	4.0
December	25.614	25.922	25.285	25.0	41.4	46.8	21.1	34.0	60	10	18	21	75	44	.100	.113	.09	.07	1.7	4.1	3.3
Year	25.481	25.922	24.926	38.2	58.0	63.0	35.2	49.1	97	−11	29	30	71	37	.168	.169	4.66	.96	3.3	4.2	4.0

RICHMOND, VA.

[ϕ=37° 32′ N.; λ=77° 27′ W.]

January	29.948	30.410	29.492	24.7	30.0	36.8	21.0	28.9	58	− 1	18	20	74	66	0.107	0.114	2.34	1.20	5.3	4.0	6.3
February	29.853	30.346	28.849	28.2	37.2	43.9	26.1	35.0	62	12	20	23	70	57	.116	.142	3.76	1.28	4.1	3.4	4.8
March	29.978	30.486	29.353	39.4	47.2	54.5	35.3	44.9	78	20	34	35	80	64	.204	.216	8.18	3.11	5.2	4.4	5.3
April	29.898	30.407	29.185	54.3	62.2	70.2	49.1	59.6	82	34	44	46	70	59	.311	.343	2.17	.67	5.6	5.2	5.1
May	29.838	30.124	29.473	63.7	69.1	77.7	56.3	67.0	89	46	55	57	75	66	.447	.476	4.59	1.70	3.6	4.5	4.2
June	29.902	30.278	29.688	69.8	73.1	81.8	62.6	72.2	93	48	61	61	76	69	.559	.556	2.50	.74	5.4	6.1	5.5
July	29.902	30.238	29.499	73.7	78.1	87.8	67.4	77.6	95	61	66	65	76	64	.639	.616	1.25	.39	3.7	4.1	3.9
August	29.847	30.107	29.489	70.9	76.8	87.2	65.5	76.4	97	55	63	62	77	62	.588	.575	1.49	.55	4.5	4.0	5.1
September	29.913	30.233	29.733	68.8	72.6	82.4	63.6	73.0	96	45	64	62	84	72	.599	.578	4.20	1.77	6.0	2.9	5.2
October	29.955	30.321	29.631	53.6	61.1	71.8	48.5	60.2	90	35	47	50	79	69	.338	.383	.58	.38	3.0	3.0	3.3
November	29.960	30.417	29.383	40.4	49.0	59.7	36.7	48.2	78	20	33	34	76	58	.201	.214	1.73	.79	4.1	1.5	3.8
December	29.962	30.418	29.443	36.7	44.3	52.5	33.8	43.2	74	17	32	32	83	63	.195	.199	2.84	.75	4.5	4.7	4.7
Year	29.913	30.486	28.849	52.0	58.4	67.2	47.2	57.2	97	− 1	45	46	77	64	.359	.368	35.63	3.11	4.6	4.0	4.8

ROCHESTER, N. Y.

[ϕ=43° 8′ N.; λ=77° 42′ W.]

January	29.431	30.011	28.780	14.1	16.4	23.0	10.0	16.5	46	− 5	10	10	82	73	0.071	0.072	2.35	0.56	8.6	7.1	7.6
February	29.378	29.919	28.414	16.7	21.0	26.7	13.2	20.0	48	− 9	12	15	79	74	.078	.092	1.88	1.40	8.0	6.2	6.9
March	29.566	30.124	28.895	24.7	28.9	35.5	20.9	28.2	60	5	19	20	77	68	.109	.114	2.76	.82	5.7	5.1	5.9
April	29.419	29.894	28.890	42.1	43.5	53.1	34.8	44.0	80	22	34	33	74	67	.208	.198	3.27	.59	6.3	5.1	6.5
May	29.373	29.678	28.982	55.3	58.3	67.8	48.6	58.2	86	35	46	46	74	66	.330	.322	3.94	1.41	6.5	5.8	6.3
June	29.469	29.832	29.155	60.9	64.8	72.7	53.4	63.0	86	39	49	50	65	59	.361	.368	.89	.40	3.4	3.0	4.3
July	29.463	29.749	29.057	68.0	70.4	79.3	61.9	70.8	94	47	58	56	71	62	.495	.477	2.78	.97	4.5	4.9	4.5
August	29.396	29.738	28.962	62.3	64.9	72.9	57.6	65.2	84	47	56	56	80	73	.458	.457	3.13	.97	7.1	5.3	6.7
September	29.484	29.826	29.218	60.6	63.6	72.2	55.8	64.0	90	36	56	56	85	77	.463	.467	2.55	.66	6.5	5.5	6.2
October	29.480	29.890	29.205	49.3	53.1	61.5	43.9	52.7	78	32	43	43	80	69	.287	.282	1.58	.49	5.4	5.5	6.1
November	29.413	29.945	28.925	39.3	41.6	48.4	35.2	41.8	67	21	33	32	78	71	.194	.187	2.57	1.08	7.1	6.7	6.8
December	29.400	29.959	28.813	32.0	34.0	40.3	27.5	33.9	61	12	25	25	74	69	.139	.140	1.75	.46	7.2	8.0	7.6
Year	29.439	30.124	28.414	43.8	46.7	54.5	38.6	46.5	94	− 9	37	37	77	69	.266	.265	29.45	1.41	6.4	5.7	6.3

Annual meteorological summary for the year ending December 31, 1912—Continued.

RED BLUFF, CAL.

[H=332 ft.; h_t=50 ft.; h_r=40 ft.; h_a=56 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more, melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	5.1	SE.	25	SE.	0	16	2	0	19	3	4	0	18	0	7	7	17	14	13	0	0	0	3	0	0	4	1	0
February	5.4	NW.	30	N.	0	11	1	0	4	12	2	5	23	0	10	8	11	3	3	0	0	0	0	0	0	0	0	0
March	6.8	SE.	26	NW.	0	3	2	0	26	8	2	2	18	1	15	5	11	7	6	0	0	1	0	0	0	0	1	0
April	6.8	SE.	26	NW.	0	4	0	0	21	14	2	0	18	1	9	10	11	11	10	0	0	0	0	0	0	0	2	0
May	7.1	SE.	26	NW.	0	11	0	2	21	4	5	0	19	0	18	5	8	9	6	0	0	2	0	0	3	0	3	0
June	6.9	SE.	27	NW.	0	12	0	1	24	2	2	3	16	0	19	4	7	6	4	0	0	1	0	0	11	0	1	0
July	4.8	SE.	23	NW.	0	6	2	4	29	7	2	4	8	0	26	5	0	1	1	0	0	0	0	0	20	0	1.	0
August	5.1	SE.	24	N.	0	8	2	3	27	5	2	3	10	2	24	7	0	0	0	0	0	0	0	0	19	0	0	0
September	4.7	NW.	24	NW.	0	9	2	2	11	8	2	3	22	1	21	4	5	3	2	0	0	0	0	0	7	0	0	0
October	6.3	NW.	33	N.	0	10	5	2	4	9	2	1	28	1	18	5	8	4	3	0	0	0	0	0	0	0	1	0
November	4.9	NW.	23	SE.	0	11	4	1	16	4	1	2	19	2	13	4	13	9	7	0	0	0	0	0	0	0	0	0
December	6.6	NW.	30	NW.	0	12	1	1	17	2	2	3	24	0	14	7	10	5	3	0	0	0	1	0	0	5	0	0
Year	5.9	NW.	33	N.	0	113	21	16	219	78	28	26	223	8	194	71	101	72	58	0	0	4	4	0	60	9	10	0

RENO, NEV.

[H=4,532 ft.; h_t=74 ft.; h_r=67 ft.; h_a=81 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more, melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.4	W.	42	W.	1	2	3	4	6	14	9	19	4	1	7	11	13	4	3	6	2	0	3	4	0	23	0	0
February	6.4	W.	40	NW.	1	3	4	2	10	3	3	24	9	0	9	14	6	1	0	2	1	0	0	0	0	24	0	0
March	8.6	W.	58	W.	2	9	3	0	5	5	2	32	6	0	12	8	11	8	6	12	6	0	0	0	0	26	0	0
April	9.1	W.	36	SW.	0	2	0	3	4	7	6	30	7	1	7	9	14	7	4	8	4	1	0	0	0	13	0	0
May	7.6	W.	48	SW.	1	3	6	1	2	6	8	26	8	2	13	10	8	5	2	3	1	2	0	0	0	1	2	0
June	7.8	W.	38	W.	0	1	3	1	4	1	14	32	2	2	19	7	4	4	3	0	0	1	0	0	3	0	3	0
July	7.3	W.	34	W.	0	3	2	2	1	3	11	36	3	1	20	8	3	4	2	0	0	0	0	0	5	0	3	0
August	6.9	W.	37	W.	0	3	0	0	7	3	12	35	2	0	25	5	1	2	1	0	0	1	0	0	8	0	3	0
September	6.0	W.	35	W.	0	5	5	8	3	3	11	24	1	0	19	6	5	2	1	0	0	0	0	0	0	0	0	0
October	6.3	W.	32	S.	0	3	4	6	6	6	7	24	6	0	14	14	3	2	0	2	1	0	0	0	0	14	0	0
November	5.5	W.	44	S.	1	6	2	2	4	8	11	23	4	0	16	7	7	3	1	1	0	0	0	0	0	19	0	0
December	6.9	W.	51	W.	4	5	3	6	10	2	4	29	3	0	15	13	3	3	1	5	2	0	0	0	0	27	0	0
Year	7.0	W.	58	W.	10	45	35	35	62	61	98	334	55	7	176	112	78	45	24	39	17	5	3	4	16	147	11	0

RICHMOND, VA.

[H=144 ft.; h_t=11 ft.; h_r=3 ft.; h_a=52 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more, melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.6	NE.	36	NW.	0	6	15	2	4	8	12	2	13	0	8	9	14	9	7	9	5	0	0	10	0	26	0	0
February	8.5	SW.	58	SW.	2	2	14	6	4	7	15	3	7	0	13	8	8	5	5	3	2	0	1	2	0	23	0	0
March	8.2	NE.	39	SW.	0	8	19	3	11	8	6	2	5	0	12	7	12	15	12	6	5	0	1	2	0	12	3	0
April	9.8	S.	43	W.	1	5	8	1	7	22	10	2	5	0	12	6	12	10	7	0	0	1	0	0	0	0	4	0
May	7.7	S.	28	S.	0	6	9	3	13	16	10	1	4	0	14	10	7	12	9	0	0	0	0	0	0	0	2	0
June	6.5	NE.	34	W.	0	4	17	5	4	15	7	0	8	0	7	11	12	11	9	0	0	0	0	0	6	0	7	0
July	7.1	S.	28	SW.	0	2	6	4	11	17	14	2	6	0	14	13	4	8	8	0	0	0	0	0	12	0	8	0
August	6.5	S.	40	SW.	1	4	10	3	11	13	12	2	7	0	10	14	7	9	5	0	0	0	1	0	11	0	7	0
September	6.7	NE.	33	SE.	0	6	17	6	9	8	5	1	7	1	10	8	12	9	8	0	0	0	1	0	9	0	3	0
October	6.5	S.	22	SW.	0	9	11	3	7	17	7	2	4	2	16	10	5	5	3	0	0	0	1	0	1	0	0	0
November	7.6	S.	38	SW.	0	3	2	2	3	20	15	3	11	1	15	11	4	5	4	1	1	0	1	0	0	11	1	0
December	7.7	S.	42	SW.	1	2	6	3	5	20	17	4	5	0	13	7	11	13	12	3	3	1	3	0	0	17	0	0
Year	7.6	S.	58	SW.	5	57	134	41	89	171	130	24	82	4	144	114	108	111	89	22	16	2	9	14	39	89	35	0

ROCHESTER, N. Y.

[H=523 ft.; h_t=86 ft.; h_r=77 ft.; h_a=102 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more, melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.1	W.	45	W.	1	1	2	2	8	7	11	27	4	0	3	8	20	20	14	28	20	0	0	26	0	31	0	0
February	11.4	W.	48	W.	1	1	3	2	3	5	16	27	1	0	9	3	17	12	5	16	12	0	0	17	0	27	0	0
March	8.6	W.	28	W.	0	3	6	7	4	8	12	14	8	0	7	13	11	12	10	14	10	0	2	10	0	26	0	0
April	10.1	W.	33	W.	0	5	5	7	6	8	7	14	8	0	7	8	15	15	12	6	5	0	1	2	0	11	2	0
May	8.3	W.	36	W.	0	3	4	9	4	11	12	13	6	0	8	9	14	13	13	1	0	0	3	0	0	0	5	0
June	8.6	W.	28	W.	0	6	2	3	1	7	17	21	3	0	14	10	6	7	6	0	0	0	0	0	0	0	3	0
July	6.6	SW.	28	NW.	0	5	7	9	3	3	20	9	6	0	11	17	3	13	10	0	0	0	0	0	4	0	9	0
August	6.8	W.	30	NW.	0	4	3	4	4	9	16	16	5	1	4	14	13	16	11	0	0	0	0	0	0	0	8	0
September	6.6	SW.	22	W.	0	2	1	7	10	7	19	11	2	1	8	11	11	12	10	0	0	0	1	0	0	0	4	0
October	8.8	W.	46	W.	1	0	2	6	1	9	22	21	1	0	8	10	13	11	10	0	0	0	0	0	0	0	0	0
November	9.4	SW.	47	SW.	1	1	2	0	2	8	25	14	8	0	6	8	16	14	10	9	6	0	1	0	0	13	0	0
December	10.7	SW.	44	W.	1	0	1	3	3	17	18	15	5	0	3	9	19	11	9	12	6	0	0	6	0	22	0	0
Year	8.9	W.	48	W.	5	31	38	59	49	99	195	202	57	2	88	120	158	156	120	86	59	0	8	61	4	130	31	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

ROSEBURG, OREG.

[ϕ=43° 13′ N.; λ=123° 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	29.502	29.839	28.986	42.3	48.6	51.5	39.4	45.4	63	22	40	42	93	78	0.254	0.270	5.96	1.55	7.0	7.4	7.1
February	29.601	29.939	29.249	43.0	51.7	53.2	40.6	46.9	59	31	41	43	92	75	.259	.288	3.60	1.19	7.5	6.6	7.0
March	29.431	29.737	28.982	37.0	53.2	55.1	35.3	45.2	72	27	35	36	91	55	.203	.215	4.05	1.55	5.7	4.4	5.1
April	29.460	29.737	28.863	40.8	56.2	58.8	39.3	49.0	76	31	38	37	90	52	.232	.223	3.86	1.25	7.4	6.5	6.4
May	29.503	29.801	29.148	45.9	67.6	69.7	44.6	57.2	94	37	44	42	92	46	.288	.279	3.11	.85	5.4	4.2	4.5
June	29.490	29.736	29.125	51.0	71.4	73.7	49.9	61.8	98	41	48	49	90	50	.342	.358	3.07	1.02	5.1	4.9	4.8
July	29.480	29.623	29.266	55.1	79.0	80.1	54.4	67.2	100	47	52	52	90	41	.391	.391	.20	.16	5.0	2.3	3.4
August	29.462	29.612	29.279	54.0	76.4	78.1	52.0	65.0	94	40	51	52	91	45	.380	.393	.59	.16	4.6	3.7	4.2
September	29.452	29.647	29.166	49.8	72.7	73.9	48.3	61.1	88	39	48	48	93	46	.333	.344	1.99	.68	4.1	3.4	4.0
October	29.527	29.749	29.100	41.4	58.5	60.9	38.6	49.8	81	33	40	43	93	58	.246	.275	2.22	.86	3.6	4.1	5.6
November	29.537	29.909	29.041	42.8	50.1	53.0	40.6	46.8	69	29	41	42	95	76	.264	.272	5.16	1.31	7.3	6.7	7.7
December	29.701	30.076	29.082	39.1	43.5	47.1	35.8	41.4	60	27	36	38	90	82	.217	.234	4.16	.69	8.4	6.3	7.6
Year	29.512	30.076	28.863	45.2	60.7	62.9	43.2	53.1	100	22	43	44	92	59	.284	.295	37.97	1.55	5.9	5.0	5.6

ROSWELL, N. MEX.

[ϕ=33° 24′ N.; λ=104° 27′ W.]

January	26.387	26.751	25.913	24.6	48.3	58.0	20.1	39.0	77	5	17	20	74	32	0.093	0.106	0.03	0.03	1.9	3.1	3.0
February	26.338	26.745	25.906	25.9	51.4	57.6	23.4	40.5	77	10	19	21	75	34	.102	.115	1.32	.96	2.8	3.5	3.8
March	26.305	26.662	25.890	34.5	59.9	63.7	31.6	47.6	84	20	27	26	73	32	.147	.142	.04	.03	5.5	4.8	5.3
April	26.300	26.636	25.957	39.8	69.0	74.3	38.6	56.4	91	28	29	27	68	24	.164	.154	.15	.11	2.7	3.8	3.3
May	26.279	26.561	26.015	51.1	81.0	85.8	49.6	67.7	98	36	36	34	58	23	.219	.210	.34	.33	4.2	3.9	3.4
June	26.373	26.669	25.952	58.5	82.6	88.9	57.6	73.2	98	50	50	51	75	38	.370	.388	1.21	.75	3.6	4.9	3.6
July	26.382	26.551	26.208	65.0	87.8	93.8	64.0	78.9	99	56	56	55	74	36	.465	.451	1.94	1.75	3.7	4.9	3.4
August	26.371	26.514	26.187	65.4	80.7	90.5	63.4	77.0	97	56	60	59	82	50	.516	.505	2.80	1.70	5.2	6.6	4.9
September	26.380	26.668	26.076	54.7	73.0	79.6	53.3	66.4	91	38	50	54	84	56	.372	.436	2.67	1.58	4.3	3.4	3.9
October	26.414	26.754	26.095	44.4	63.5	72.0	41.9	57.0	85	32	40	46	85	55	.258	.319	.87	.59	2.4	2.7	2.9
November	26.500	26.903	26.172	30.6	53.4	62.4	28.1	45.2	78	15	26	32	82	46	.141	.184	.43	.41	1.8	2.6	3.0
December	26.454	26.837	25.986	24.9	40.6	48.2	20.4	34.3	68	− 2	20	26	81	57	.112	.139	1.10	.58	2.6	4.2	4.5
Year	26.374	26.903	25.890	43.3	65.9	72.9	41.0	56.9	99	− 2	36	38	76	40	.247	.262	12.90	1.75	3.4	4.0	3.8

SACRAMENTO, CAL.

[ϕ=38° 35′ N.; λ=121° 30′ W.]

January	30.078	30.326	29.759	43.5	52.6	53.6	41.1	47.4	65	29	42	47	93	83	0.269	0.327	2.74	0.76	4.6	6.7	7.0
February	30.075	30.237	29.642	45.9	61.8	62.3	43.9	53.1	69	37	40	46	81	58	.256	.313	.23	.13	3.2	4.3	3.8
March	29.879	30.191	29.404	45.0	58.7	60.0	42.8	51.4	76	36	40	46	84	65	.251	.314	1.97	.84	3.0	4.2	5.1
April	29.945	30.149	29.543	45.8	62.6	64.1	44.5	54.3	72	36	42	46	86	57	.264	.311	1.69	.65	4.3	4.6	3.9
May	29.888	30.062	29.501	52.9	74.2	75.6	51.6	63.6	95	45	48	55	85	54	.338	.444	.94	.61	3.2	2.3	3.5
June	29.830	29.993	29.666	58.2	79.6	81.2	57.1	69.2	103	49	51	55	78	46	.371	.445	.58	.47	1.9	2.4	2.5
July	29.839	29.952	29.674	56.9	84.9	86.6	56.5	71.6	103	53	51	53	81	35	.376	.407	T.	T.	1.7	0.9	1.3
August	29.810	29.991	29.661	57.6	85.1	86.8	56.4	71.6	101	50	51	57	79	40	.373	.470	0	0	0.2	0.9	0.1
September	29.845	29.970	29.622	58.8	80.0	82.1	56.9	69.5	95	52	53	56	81	46	.399	.455	1.25	1.07	1.4	2.2	1.5
October	29.921	30.112	29.488	51.2	70.3	72.0	49.2	60.6	86	40	41	49	69	50	.255	.354	.58	.21	1.8	2.7	2.3
November	30.069	30.278	29.769	46.1	59.3	61.1	43.8	52.4	67	35	43	45	89	60	.282	.305	.80	.46	2.0	3.7	4.6
December	30.172	30.421	29.801	40.6	54.2	56.0	37.8	46.9	61	31	36	43	83	66	.214	.279	.23	.18	2.9	3.3	3.0
Year	29.946	30.421	29.404	50.2	68.6	70.1	48.5	59.3	103	29	45	50	82	55	.304	.369	11.01	1.07	2.5	3.2	3.2

ST. JOSEPH, MO.

[ϕ=39° 49′ N.; λ=94° 51′ W.]

January	29.090	29.631	28.600	9.6	16.4	21.9	6.0	14.0	51	−24	8	11	91	79	0.072	0.084	0.06	0.03	3.7	3.5	4.9
February	29.026	29.468	28.601	21.6	27.8	33.0	18.2	25.6	54	− 6	18	20	86	71	.105	.114	1.73	1.11	7.0	5.6	6.3
March	29.085	29.534	28.596	25.3	34.1	39.6	22.2	30.9	67	4	23	25	90	70	.128	.142	2.55	.79	6.9	5.5	6.2
April	28.894	29.313	28.422	47.4	58.5	63.6	44.8	54.2	79	33	41	40	78	54	.266	.263	1.84	.93	5.8	4.6	5.2
May	28.826	29.239	28.410	60.8	73.6	78.8	58.1	68.4	92	41	53	53	75	50	.410	.422	3.28	1.50	4.1	4.0	4.3
June	28.995	29.334	28.411	61.8	74.6	80.5	59.6	70.0	93	50	55	56	79	53	.440	.454	3.46	1.00	4.5	3.9	4.3
July	28.948	29.196	28.699	71.6	85.7	90.6	69.3	80.0	98	59	64	63	76	48	.594	.588	1.66	.91	4.5	3.1	3.6
August	28.893	29.190	28.697	69.2	80.2	86.7	67.2	77.0	99	55	62	66	80	63	.576	.647	4.23	1.87	3.8	3.1	3.8
September	28.976	29.431	28.714	57.9	69.1	76.4	56.6	66.5	98	32	53	55	84	63	.427	.462	3.43	1.59	5.0	3.9	4.4
October	29.005	29.356	28.537	48.9	59.9	69.3	45.6	57.4	87	31	43	43	82	57	.293	.295	3.52	2.08	3.0	3.2	3.2
November	29.048	29.539	28.607	37.8	48.6	56.0	35.3	45.6	72	20	30	33	74	56	.174	.200	.32	.23	3.7	2.6	3.3
December	28.984	29.519	28.448	29.2	36.6	44.3	25.0	34.6	58	8	22	22	73	56	.123	.124	.52	.51	2.6	2.1	3.0
Year	28.981	29.631	28.410	45.1	55.4	61.7	42.3	52.0	99	−24	39	41	81	60	.301	.316	26.60	2.08	4.6	3.8	4.4

Annual meteorological summary for the year ending December 31, 1912—Continued.

ROSEBURG, OREG.

[H=510 ft.; h_t=9 ft.; h_r=4 ft.; h_a=57 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	2.5	S.	15	SE.	0	4	5	8	15	13	4	5	8	0	3	15	13	21	17	0	0	0	8	0	0	3	0	0
February	2.5	S.	18	W.	0	3	2	3	10	15	5	6	13	1	2	14	13	18	11	0	0	0	5	0	0	1	0	0
March	3.1	NW.	17	W.	0	5	6	4	7	15	4	8	13	0	10	13	8	15	11	1	1	1	3	0	0	7	0	0
April	3.2	NW.	21	SW.	0	7	4	2	7	11	11	5	13	0	7	12	11	18	14	0	0	0	2	0	0	1	0	0
May	3.2	NW.	18	SW.	0	14	5	5	5	8	4	5	16	0	13	8	10	13	11	0	0	0	0	0	2	0	1	0
June	3.5	NW.	17	SW.	0	17	7	3	1	2	1	10	15	4	8	14	8	11	10	0	0	1	0	0	2	0	3	0
July	3.2	N.	15	N.	0	27	5	1	0	0	1	1	16	11	13	15	3	2	2	0	0	0	0	0	5	0	3	0
August	3.1	NW.	20	SW.	0	16	4	2	1	2	1	9	15	12	16	7	8	6	5	0	0	0	0	0	2	0	2	0
September	2.4	NW.	19	SW.	0	11	8	4	6	2	5	2	13	9	13	11	6	9	6	0	0	0	3	0	0	0	0	0
October	2.8	S.	26	SW.	0	11	7	6	11	12	2	3	8	2	8	12	11	16	8	0	0	0	7	0	0	0	0	0
November	2.7	S.	25	S.	0	4	6	5	6	17	3	6	11	2	0	10	20	17	15	0	0	0	6	0	0	1	0	0
December	3.1	S.	27	SW.	0	2	9	8	7	16	10	2	8	0	2	9	20	17	16	0	0	0	4	0	0	7	0	0
Year	2.9	NW.	27	SW.	0	121	68	51	76	113	51	62	149	41	95	140	131	163	124	1	1	2	38	0	11	20	9	0

ROSWELL, N. MEX.

[H=3,566 ft.; h_t=9 ft.; h_r=4 ft.; h_a=57 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.8	S.	34	NW.	0	13	6	4	2	17	6	7	7	0	21	8	2	1	0	2	1	0	0	1	0	31	0	0
February	7.6	NW.	46	N.	3	10	5	3	3	8	12	7	10	0	14	12	3	3	3	2	2	0	0	0	0	25	0	0
March	8.0	S.	38	SW.	0	10	8	3	2	16	10	7	6	0	8	14	9	2	0	1	0	0	0	0	0	17	1	0
April	8.1	S.	46	SW.	1	4	4	0	6	13	9	12	12	0	19	8	3	4	1	0	0	0	0	0	1	3	1	0
May	7.0	SW.	31	NE.	0	8	5	2	7	9	10	12	9	0	19	10	2	3	2	0	0	0	0	0	13	0	0	0
June	5.8	S.	33	NE.	0	3	6	4	10	15	12	6	4	0	15	14	1	8	4	0	0	1	0	0	13	0	7	0
July	5.1	S.	34	S.	0	8	3	3	7	20	11	6	4	0	19	11	1	5	4	0	0	0	0	0	28	0	6	0
August	5.0	S.	27	SW.	0	4	3	4	7	17	15	7	5	0	9	20	2	10	7	0	0	0	0	0	16	0	12	0
September	4.9	S.	24	NE.	0	6	7	3	7	19	10	4	4	0	15	10	5	6	5	0	0	0	1	0	4	0	1	0
October	5.0	SW.	30	SW.	0	8	8	3	2	19	17	3	2	0	20	7	4	5	3	0	0	0	1	0	0	2	3	0
November	5.8	N.	37	NE.	0	15	8	0	2	18	9	3	5	0	22	4	4	2	2	0	0	0	2	0	0	22	0	0
December	5.8	N.	37	NW.	0	18	5	0	2	15	5	5	12	0	12	12	7	4	2	3	3	0	3	3	0	29	0	0
Year	6.2	S.	46	SW.	4	107	68	29	57	186	126	79	80	0	193	130	43	53	33	8	6	1	7	4	75	129	31	0

SACRAMENTO, CAL.

[H=69 ft.; h_t=106 ft.; h_r=100 ft.; h_a=117 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.5	SE.	34	S.	0	13	2	7	18	12	1	1	7	1	8	2	21	11	11	0	0	0	7	0	0	5	1	0
February	7.4	SE.	39	NW.	0	8	6	5	14	9	2	3	11	0	15	9	5	2	2	0	0	0	1	0	0	0	0	0
March	10.0	S.	39	SE.	0	10	0	3	20	13	7	1	8	0	12	6	13	6	5	0	0	0	0	0	0	0	1	0
April	9.6	S.	34	S.	0	6	1	0	18	21	8	2	4	0	12	12	6	7	7	0	0	0	0	0	0	0	0	0
May	8.7	S.	48	SE.	1	8	2	1	15	17	6	2	11	0	16	10	5	5	3	0	0	0	0	0	3	0	0	0
June	9.0	S.	28	NW.	0	4	2	0	14	24	4	3	9	0	24	2	4	3	2	0	0	0	0	0	7	0	0	0
July	9.4	S.	23	S.	0	1	3	1	18	34	3	0	2	0	30	1	0	0	0	0	0	0	0	0	8	0	0	0
August	8.4	S.	25	SW.	0	3	1	0	20	28	5	4	1	0	31	0	0	0	0	0	0	0	0	0	10	0	0	0
September	7.0	S.	30	S.	0	4	3	5	13	17	2	1	15	0	24	5	1	4	3	0	0	0	0	0	7	0	0	0
October	7.3	NW.	33	N.	0	14	5	1	14	9	1	2	15	1	24	3	4	6	4	0	0	0	0	0	0	0	0	0
November	6.3	SE.	28	NW.	0	17	5	3	17	6	0	3	6	3	14	6	10	7	6	0	0	0	5	0	0	0	0	0
December	7.7	SE.	31	NW.	0	19	6	4	15	6	0	2	8	2	21	5	5	3	2	0	0	0	2	0	0	1	0	0
Year	8.1	S.	48	SE.	1	107	36	30	196	196	39	24	97	7	231	61	74	54	45	0	0	0	15	0	35	6	2	0

ST. JOSEPH, MO.

[H=967 ft.; h_t=11 ft.; h_r=3 ft.; h_a=49 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.5	NW.	36	NW.	0	11	10	2	8	1	5	8	17	0	13	7	11	3	0	12	3	0	1	22	0	31	0	0
February	9.3	NW.	32	NW.	0	8	12	4	2	7	5	4	16	0	6	12	11	8	5	12	5	0	1	14	0	25	0	0
March	8.4	E.	30	NW.	0	15	12	16	6	4	4	1	3	1	8	10	13	9	8	16	7	0	1	11	0	23	0	0
April	10.7	SE.	37	W.	0	7	5	7	12	12	6	5	6	0	9	13	8	6	6	1	0	1	0	0	0	0	2	0
May	9.9	S.	44	W.	1	7	2	9	5	20	4	4	10	1	12	16	3	7	5	0	0	1	0	0	2	0	7	0
June	6.0	SE.	31	NW.	0	5	10	7	11	10	5	8	4	0	13	9	8	13	11	0	0	1	0	0	4	0	8	0
July	7.5	S.	38	W.	0	2	13	6	11	17	7	4	2	0	12	16	3	8	5	0	0	0	0	0	19	0	10	0
August	7.0	S.	29	NW.	0	2	10	13	9	14	4	1	9	0	17	7	7	11	11	0	0	0	0	0	12	0	10	0
September	7.0	S.	29	NW.	0	10	7	4	17	10	2	3	7	0	14	6	10	9	5	0	0	0	0	0	10	0	3	0
October	7.8	S.	33	NW.	0	5	8	4	14	14	3	2	12	0	20	5	6	9	8	1	1	0	0	0	0	1	4	0
November	8.9	S.	35	NW.	0	5	2	3	7	16	11	5	11	0	20	3	7	2	2	1	0	0	0	0	0	13	2	0
December	9.7	NW.	37	NW.	0	2	1	0	7	16	11	12	13	0	20	6	5	2	1	5	0	0	2	3	0	28	0	0
Year	8.4	S.	44	W.	1	79	92	75	109	141	67	57	110	2	164	110	92	87	67	48	16	3	5	50	47	121	46	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

ST. LOUIS, MO.

[ϕ=38° 38′ N.; λ=90° 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	29.514	29.994	29.046	16.7	22.7	28.0	12.9	20.4	58	−14	12	16	80	72	0.087	0.104	1.31	0.71	5.0	4.7	5.2
February	29.437	29.831	28.758	23.8	30.5	35.1	20.8	28.0	59	− 7	19	21	79	66	.110	.119	2.80	1.46	5.7	5.4	7.2
March	29.497	30.013	28.843	30.1	39.0	43.0	28.3	35.6	75	15	27	31	87	74	.153	.186	5.85	2.03	6.3	5.9	5.8
April	29.360	29.802	28.982	51.0	60.5	66.2	48.2	57.2	80	34	44	49	77	69	.295	.368	7.84	2.76	5.3	5.9	5.4
May	29.298	29.646	28.794	62.1	72.6	77.0	59.5	68.2	89	44	54	56	76	59	.431	.470	4.29	2.30	5.0	3.6	4.4
June	29.429	29.704	28.966	65.3	74.0	78.4	62.2	70.3	86	49	58	60	79	64	.502	.531	6.93	3.25	4.4	4.9	5.0
July	29.405	29.635	29.180	73.1	82.7	87.2	70.4	78.8	96	62	68	70	84	66	.687	.729	5.29	3.16	3.8	4.3	4.7
August	29.359	29.631	29.095	69.8	79.7	84.4	68.0	76.2	95	55	64	65	82	62	.607	.637	2.65	.76	4.4	3.7	4.8
September	29.414	29.789	29.200	64.4	73.7	79.0	62.7	70.8	95	43	58	57	79	58	.506	.495	2.84	1.37	2.9	3.3	4.2
October	29.464	29.785	29.103	53.1	64.5	70.2	51.4	60.8	86	37	45	46	76	52	.319	.328	2.61	1.32	4.1	1.7	3.9
November	29.515	29.922	29.131	41.1	50.2	55.4	39.3	47.4	76	26	32	34	70	55	.190	.204	1.76	1.44	2.7	2.8	3.9
December	29.459	29.994	28.969	33.6	41.2	47.1	30.1	38.6	66	12	24	27	67	56	.137	.157	.42	.27	2.9	2.7	4.2
Year	29.429	30.013	28.758	48.7	57.6	62.6	46.2	54.4	96	−14	42	44	78	63	.335	.361	44.59	3.25	4.4	4.1	4.9

ST. PAUL, MINN.

[ϕ=44° 58′ N.; λ=93° 3′ W.]

Month.	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.
January	29.197	29.816	28.653	−5.4	0.1	5.7	−9.7	−2.0	26	−30	−9	−7	83	70	0.029	0.033	0.52	0.19	4.6	3.9	3.9
February	29.120	29.502	28.627	11.0	17.2	23.1	6.1	14.6	42	−19	7	10	82	71	.067	.077	.07	.05	7.0	4.0	5.7
March	29.227	29.790	28.747	17.7	28.8	33.6	15.5	24.6	59	− 5	13	18	81	62	.085	.103	.32	.15	4.2	4.5	4.6
April	28.986	29.366	28.373	41.0	53.8	60.2	37.9	49.0	77	28	33	35	73	50	.193	.211	2.60	1.14	5.0	5.5	4.9
May	28.960	29.337	28.452	52.5	63.4	69.0	49.5	59.2	81	38	44	45	74	54	.301	.314	4.06	1.99	4.7	6.2	5.2
June	29.129	29.526	28.507	58.3	70.3	74.4	54.8	64.6	95	44	49	48	72	48	.353	.358	1.10	.62	3.3	4.6	3.9
July	29.081	29.387	28.728	64.4	74.8	79.4	61.6	70.5	89	49	58	59	79	60	.490	.514	4.02	1.29	4.8	4.0	4.1
August	29.019	29.386	28.687	59.9	70.1	75.0	58.0	66.5	91	47	54	55	82	61	.430	.448	4.40	1.79	5.4	5.5	5.2
September	29.065	29.534	28.723	53.2	64.4	70.1	51.3	60.7	95	32	48	49	82	58	.357	.385	1.27	.67	4.0	4.4	5.0
October	29.075	29.564	28.527	42.2	54.0	61.2	39.6	50.4	85	23	34	37	72	53	.200	.227	1.18	.91	3.4	3.2	3.8
November	29.084	29.558	28.695	31.0	40.7	45.8	28.2	37.0	60	13	24	25	74	54	.131	.139	.08	.04	5.5	3.8	4.6
December	28.971	29.505	28.397	20.1	25.6	31.8	14.5	23.2	49	− 5	14	18	76	71	.092	.103	1.54	.56	5.2	5.5	5.8
Year	29.076	29.816	28.373	37.2	46.9	52.4	33.9	43.2	95	−30	31	33	78	59	.227	.243	21.16	1.99	4.8	4.6	4.7

SALT LAKE CITY, UTAH.

[ϕ=40° 46′ N.; λ=111° 54′ W.]

Month.	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.
January	25.686	26.003	25.218	30.6	37.4	42.2	26.6	34.4	58	6	22	26	70	63	0.120	0.139	0.74	0.22	4.4	6.1	6.4
February	25.672	26.042	25.159	32.3	39.4	44.1	29.9	37.0	54	21	25	26	72	58	.131	.141	1.33	.59	4.7	5.9	6.6
March	25.470	25.698	25.063	35.8	44.6	48.2	31.9	40.0	62	17	27	27	71	52	.147	.148	3.48	.80	6.6	6.4	6.6
April	25.526	25.887	25.182	40.2	52.7	56.6	37.1	46.8	71	27	29	25	66	37	.159	.133	2.34	.63	5.9	4.3	5.8
May	25.570	25.888	25.220	48.5	62.7	66.0	45.5	55.8	85	31	34	29	60	31	.202	.161	1.75	1.00	4.9	5.4	4.4
June	25.594	25.789	25.349	60.2	77.1	80.3	57.8	69.0	90	40	41	36	50	24	.259	.215	.90	.54	3.4	4.3	4.1
July	25.603	25.813	25.429	65.4	80.7	84.6	62.6	73.6	94	53	47	43	52	30	.328	.293	1.51	1.11	4.7	5.0	5.0
August	25.589	25.712	25.408	63.9	81.3	83.7	61.3	72.5	94	49	46	42	55	27	.320	.275	.70	.28	2.7	2.7	2.6
September	25.642	25.828	25.296	49.5	64.9	68.3	47.7	58.0	83	36	36	37	62	38	.219	.224	.97	.44	2.9	3.4	3.6
October	25.626	25.947	25.139	44.2	53.6	59.4	40.1	49.8	81	30	36	37	73	55	.212	.222	2.97	.72	3.9	4.7	5.4
November	25.756	26.068	25.309	37.9	45.4	51.1	34.3	42.7	70	26	29	31	69	58	.156	.176	1.70	.43	2.7	3.8	4.9
December	25.745	26.168	25.382	26.7	32.4	37.8	23.6	30.7	51	12	18	22	68	63	.098	.116	.80	.30	3.1	3.2	5.5
Year	25.623	26.168	25.063	44.6	56.0	60.2	41.5	50.9	94	6	32	32	64	45	.196	.187	19.19	1.11	4.2	4.6	5.1

SAN ANTONIO, TEX.

[ϕ=29° 27′ N.; λ=98° 28′ W.]

Month.	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.
January	29.383	29.773	28.905	41.1	53.7	60.6	37.1	48.8	83	18	34	37	77	56	0.225	0.244	0.28	0.17	4.5	4.4	5.3
February	29.302	29.819	28.878	42.2	57.8	63.4	39.3	51.4	78	18	34	36	72	47	.214	.230	5.12	2.63	2.6	3.7	4.1
March	29.298	29.806	28.940	50.3	61.3	66.1	47.3	56.7	82	35	46	49	85	67	.335	.375	1.86	.74	7.7	7.1	7.5
April	29.214	29.554	28.910	60.9	73.8	78.4	58.8	68.6	90	42	56	56	85	58	.480	.473	1.78	1.35	7.0	5.8	5.9
May	29.184	29.474	28.891	68.1	82.8	87.4	66.2	76.8	101	55	63	58	84	47	.592	.505	1.49	.60	6.5	2.7	4.3
June	29.232	29.458	28.830	69.9	84.1	88.8	68.0	78.4	98	59	64	63	83	52	.612	.592	3.22	1.46	3.7	2.9	3.9
July	29.252	29.385	29.088	75.0	91.9	96.3	73.9	85.1	104	70	70	63	86	40	.737	.584	1.27	.67	4.7	2.3	3.0
August	29.220	29.371	29.052	75.7	91.9	96.8	75.2	86.0	100	70	72	64	87	42	.772	.607	.29	.24	4.5	2.3	3.0
September	29.214	29.404	28.980	71.7	86.5	92.5	70.6	81.6	100	57	65	60	81	43	.646	.537	1.47	.65	4.2	3.4	3.3
October	29.277	29.526	29.069	64.0	75.4	81.7	62.1	71.9	93	51	57	56	80	54	.493	.472	2.74	2.20	5.3	3.0	4.3
November	29.450	29.762	29.191	50.7	64.5	70.6	48.8	59.7	81	30	44	46	79	54	.308	.328	1.45	1.43	4.5	4.1	5.6
December	29.405	29.865	29.047	44.2	53.1	58.0	41.7	49.8	74	31	38	41	80	66	.243	.270	2.76	1.18	7.2	5.6	7.1
Year	29.286	29.865	28.830	59.5	73.1	78.4	57.4	67.9	104	18	54	52	82	52	.472	.435	23.73	2.63	5.2	3.9	4.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

ST. LOUIS, MO.

[H=567 ft.; h_t=208 ft.; h_r=199 ft.; h_a=217 ft.]

Month.	Wind.													Number of days.													
	By self-register.					Number of winds, 8 a. m. and 8 p. m.											Precipitation.		Snow.				Maximum temp.			Electricity.	
	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	12.2	NW.	37	NW.	0	7	11	4	9	2	8	6	15	0	10	9	12	5	4	9	5	0	0	19	0	29	0	0
February	11.4	NW.	43	N.	1	5	9	6	5	6	2	8	17	0	4	7	18	7	6	11	4	0	0	12	0	23	1	0
March	10.3	NE.	34	NE.	0	13	11	16	9	4	3	1	5	0	11	7	13	17	15	12	8	0	0	8	0	21	1	0
April	11.8	S.	50	SE.	1	7	5	2	6	17	9	3	11	0	10	11	9	14	13	1	0	2	0	0	0	0	6	0
May	10.8	S.	36	W.	0	3	3	6	16	15	5	6	8	0	14	11	6	7	7	0	0	0	0	0	0	0	8	0
June	8.5	SE.	28	W.	0	6	9	7	19	7	3	8	1	0	11	12	7	10	7	0	0	0	0	0	0	0	11	0
July	8.9	S.	47	W.	1	6	7	7	14	11	8	5	4	0	12	9	10	9	7	0	0	1	0	0	8	0	11	0
August	9.1	S.	35	NW.	0	4	9	11	5	14	12	4	3	0	12	11	8	14	11	0	0	0	0	0	9	0	12	0
September	7.5	SE.	37	SE.	0	5	10	7	13	10	5	5	4	1	16	6	8	5	4	1	0	0	1	0	10	0	5	0
October	9.2	SE.	33	SW.	0	7	5	2	20	10	4	2	11	1	17	7	7	7	7	0	0	0	0	0	0	0	5	0
November	12.0	S.	38	NW.	0	1	1	0	12	17	7	7	15	0	20	2	8	4	3	2	0	0	0	0	0	6	1	0
December	12.3	S.	39	W.	0	1	1	1	13	13	15	8	10	0	16	6	9	3	2	2	0	0	0	2	0	20	0	0
Year	10.3	SE.	50	SE.	3	65	81	69	141	126	81	63	104	2	153	98	115	102	86	38	17	3	1	41	27	99	61	0

ST. PAUL, MINN.

[H=837 ft.; h_t=201 ft.; h_r=196 ft.; h_a=236 ft.]

January	10.0	NW.	40	NW.	2	3	1	7	4	11	5	6	25	0	13	14	4	9	4	16	9	0	0	31	0	31	0	0
February	11.8	NW.	39	NW.	0	9	0	1	8	7	4	5	24	0	6	16	7	2	1	8	2	0	1	20	0	29	0	0
March	9.9	N.	34	NW.	0	16	1	7	13	9	4	4	8	0	11	13	7	9	2	10	9	0	0	13	0	30	0	0
April	10.7	SE.	42	NW.	1	10	3	6	13	10	6	1	11	0	13	12	5	7	5	1	1	0	0	0	0	9	4	0
May	11.6	SE.	43	NW.	2	10	2	6	14	10	4	10	6	0	8	19	4	14	7	0	0	0	0	0	0	0	7	0
June	8.7	SW.	40	S.	1	7	0	6	11	8	10	7	11	0	13	14	3	7	5	0	0	1	0	0	4	0	2	0
July	10.5	SE.	62	N.	1	14	1	1	18	10	5	3	10	0	14	11	6	10	9	0	0	0	0	0	0	0	7	0
August	10.9	N.	49	E.	1	15	5	5	15	5	3	5	9	0	9	15	7	13	12	0	0	0	0	0	1	0	9	0
September	10.9	S.	37	S.	0	7	3	0	10	13	8	8	11	0	6	20	4	11	9	0	0	0	3	0	4	0	2	0
October	13.0	S.	55	W.	2	7	2	1	9	17	8	5	13	0	17	8	6	5	3	0	0	0	1	0	0	4	0	0
November	12.8	NW.	40	S.	1	6	2	1	11	11	7	9	13	0	10	14	6	4	1	5	3	0	1	3	0	21	0	0
December	13.1	NW.	46	N.	3	7	0	0	12	11	6	9	17	0	11	7	13	8	8	10	5	0	1	16	0	31	0	0
Year	11.2	NW.	62	N.	14	111	20	41	138	122	70	72	158	0	131	163	72	99	66	50	29	1	7	83	9	155	31	0

SALT LAKE CITY, UTAH.

[H=4,360 ft.; h_t=147 ft.; h_r=141 ft.; h_a=189 ft.]

January	5.3	SE.	42	NW.	1	5	4	8	22	5	7	3	8	0	7	8	16	9	8	10	7	0	0	6	0	21	0	0
February	6.0	NW.	33	NW.	0	7	7	5	9	3	5	3	19	0	7	8	14	10	10	7	5	0	2	0	0	20	0	0
March	8.0	NW.	37	NW.	0	8	5	8	8	13	3	3	14	0	6	7	18	15	13	11	10	0	1	0	0	18	1	0
April	8.1	SE.	41	SE.	1	7	1	4	10	15	5	2	16	0	10	5	15	12	10	8	7	0	0	0	0	6	1	0
May	8.2	NW.	48	NW.	2	6	11	4	15	8	1	2	15	0	14	10	7	7	5	2	1	0	0	0	0	1	2	0
June	9.0	SE.	48	SW.	2	6	6	2	16	10	6	0	14	0	13	15	2	9	6	0	0	0	0	0	3	0	8	0
July	6.9	SE.	44	N.	1	5	1	3	19	9	7	1	16	1	12	11	8	7	5	0	0	0	0	0	6	0	5	0
August	7.3	NW.	49	SW.	1	10	2	4	4	14	5	4	18	1	19	9	3	8	5	0	0	1	0	0	7	0	6	0
September	7.7	NW.	32	SE.	0	3	5	5	9	14	1	2	21	0	20	5	5	6	4	0	0	0	0	0	0	0	2	0
October	7.1	SE.	44	S.	1	2	4	7	19	10	2	1	17	0	13	4	14	10	9	2	2	0	0	0	0	2	2	0
November	5.8	SE.	36	SW.	0	7	5	5	18	10	0	1	14	0	14	7	9	8	6	2	2	0	0	0	0	12	0	0
December	5.5	SE.	46	NW.	2	5	13	3	18	7	6	1	9	0	13	4	14	7	6	8	7	0	5	9	0	30	0	0
Year	7.1	NW.	49	SW.	11	71	64	58	167	118	48	23	181	2	148	93	125	108	87	50	41	1	8	15	16	110	27	0

SAN ANTONIO, TEX.

[H=701 ft.; h_t=80 ft.; h_r=72 ft.; h_a=91 ft.]

January	6.3	N.	40	N.	1	17	16	4	8	7	4	1	5	0	11	6	14	4	2	0	0	0	3	2	0	10	0	0
February	6.1	N.	48	NW.	1	14	5	5	8	7	6	2	8	3	14	7	8	3	2	0	0	0	2	0	0	5	2	0
March	7.0	N.	28	N.	0	19	4	9	20	3	0	0	7	0	3	12	16	12	8	0	0	0	2	0	0	0	2	0
April	6.6	SE.	44	N.	1	7	12	5	31	0	0	2	3	0	8	10	12	11	6	0	0	0	0	0	1	0	1	0
May	7.1	SE.	36	NW.	0	4	14	3	32	4	0	2	3	0	14	15	2	5	4	0	0	0	0	0	14	0	4	0
June	6.0	SE.	34	N.	0	5	13	17	18	3	3	0	0	1	13	12	5	6	5	0	0	0	0	0	15	0	3	0
July	6.4	SE.	30	N.	0	0	1	2	47	10	0	0	1	1	20	11	0	4	3	0	0	0	0	0	31	0	4	0
August	6.5	SE.	19	S.	0	2	0	6	46	3	0	0	1	4	20	11	0	3	2	0	0	0	0	0	31	0	2	0
September	6.1	SE.	30	SW.	0	4	10	3	27	10	1	0	1	4	20	7	3	4	3	0	0	0	0	0	21	0	4	0
October	7.3	N.	28	N.	0	18	5	2	17	9	5	2	1	3	13	10	8	4	4	0	0	0	0	0	8	0	0	0
November	5.4	N.	34	N.	0	21	8	2	13	6	8	2	0	0	10	7	13	3	2	0	0	0	0	0	0	1	0	0
December	6.9	N.	30	N.	0	24	6	1	2	7	10	0	11	1	7	5	19	12	9	0	0	0	3	0	0	2	1	0
Year	6.5	SE.	48	NW.	3	135	94	59	269	69	37	11	41	17	153	113	100	71	50	0	0	0	10	2	121	18	23	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

SAN DIEGO, CAL.

[ϕ=32° 43′ N.; λ=117° 10′ 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	29.984	30.110	29.793	51.4	60.3	65.0	48.9	57.0	82	40	42	50	72	70	0.271	0.360	0.66	0.32	4.1	3.8	2.8
February	29.943	30.118	29.649	50.1	60.6	64.6	47.8	56.2	74	43	39	50	70	70	.252	.363	.00	.00	3.4	3.0	2.4
March	29.903	30.106	29.368	50.8	57.8	61.1	49.2	55.2	71	45	48	48	89	72	.330	.343	5.72	1.30	6.9	5.7	5.5
April	29.938	30.121	29.728	52.3	58.7	61.3	50.9	56.1	67	45	48	50	86	74	.341	.367	2.13	1.04	6.9	4.4	3.9
May	29.883	30.001	29.626	56.1	62.6	65.7	55.4	60.6	72	49	53	56	89	80	.401	.453	.17	.06	6.5	4.8	4.9
June	29.838	29.936	29.626	59.5	64.6	67.5	58.8	63.2	72	54	56	59	90	83	.457	.508	.16	.16	8.0	4.3	4.2
July	29.857	29.948	29.722	62.9	68.5	71.6	62.2	66.9	85	58	59	61	89	77	.509	.533	.14	.12	9.3	3.9	3.8
August	29.826	29.985	29.693	62.9	68.7	71.1	61.8	66.4	79	56	59	60	88	74	.508	.519	.26	.21	8.9	1.8	3.3
September	29.816	29.907	29.684	60.9	67.7	71.6	59.9	65.8	86	54	58	60	89	77	.475	.516	.00	.00	5.8	3.0	2.6
October	29.859	30.005	29.637	57.9	66.6	70.8	55.8	63.3	94	49	48	52	74	64	.350	.391	.89	.35	4.5	4.2	3.3
November	29.954	30.116	29.734	54.8	63.8	70.3	52.2	61.2	86	45	42	53	67	71	.281	.407	.40	.17	2.4	3.0	2.3
December	30.021	30.252	29.802	47.8	58.0	63.2	45.0	54.1	78	39	33	44	60	65	.201	.309	.03	.03	2.2	1.6	1.5
Year	29.902	30.252	29.368	55.6	63.2	67.0	54.0	60.5	94	39	49	54	80	73	.365	.422	10.56	1.30	5.7	3.6	3.4

SAND KEY, FLA.

[ϕ=24° 27′ N.; λ=81° 52′ W.]

January	30.034	30.223	29.865	70.5	71.0	73.8	66.5	70.2	79	58	66	67	85	88	0.644	0.678	4.71	1.42	5.6	4.7	5.0
February	29.993	30.154	29.724	66.0	67.0	70.0	62.9	66.4	78	55	59	59	79	78	.516	.521	2.89	1.38	5.3	3.8	4.8
March	30.015	30.176	29.832	73.8	74.4	76.3	71.6	74.0	81	65	69	70	85	86	.707	.730	4.20	2.35	4.7	3.5	4.4
April	30.003	30.191	29.894	77.5	78.0	79.7	75.6	77.6	87	70	72	72	83	81	.784	.780	.35	.23	3.7	4.1	3.8
May	29.941	30.072	29.820	79.7	80.2	82.2	77.5	79.8	87	70	74	74	82	81	.829	.831	7.49	3.61	5.7	4.9	5.0
June	29.962	30.093	29.812	80.9	81.2	83.3	76.6	80.0	90	70	75	75	83	82	.873	.874	7.99	4.45	6.2	6.2	6.0
July	29.992	30.141	29.863	82.0	82.2	84.4	78.7	81.6	89	73	74	75	78	79	.855	.869	1.14	.49	3.8	4.7	4.7
August	29.989	30.068	29.939	83.0	83.2	84.9	79.4	82.2	89	71	75	75	77	77	.871	.876	1.32	.39	5.5	5.6	5.4
September	29.920	30.043	29.850	82.6	82.9	84.7	79.2	82.0	90	72	76	76	79	80	.884	.904	3.03	1.86	5.8	6.0	6.4
October	29.888	30.008	29.795	80.1	80.6	82.5	76.3	79.4	89	66	72	73	77	77	.797	.805	5.65	1.92	4.5	3.2	4.4
November	30.000	30.175	29.813	72.4	73.7	75.8	69.8	72.8	81	58	66	65	81	74	.645	.622	.95	.51	4.2	3.4	4.1
December	30.031	30.164	29.905	72.8	73.8	76.0	70.6	73.3	80	61	68	68	86	82	.699	.684	1.77	.73	4.8	2.9	3.8
Year	29.981	30.223	29.724	76.8	77.4	79.5	73.7	76.6	90	55	70	71	81	80	.759	.764	41.49	4.45	5.0	4.4	4.8

SANDUSKY, OHIO.

[ϕ=41° 25′ N.; λ=82° 40′ W.]

January	29.372	29.869	28.969	13.3	.....	21.7	9.2	15.4	41	− 5	7	....	75	....	0.065	.....	1.62	0.68	7.5	.....	6.8
February	29.296	29.835	28.830	16.8	.....	26.6	13.6	20.1	49	− 8	13	....	82	....	.088	.....	1.60	.77	7.3	.....	6.1
March	29.447	29.949	28.738	25.4	.....	34.9	22.0	28.4	67	8	21	....	82	....	.116	.....	2.93	.97	4.4	.....	5.8
April	29.306	29.752	28.861	44.6	.....	56.0	39.1	47.6	78	22	36	....	73	....	.224	.....	2.43	.66	5.5	.....	5.3
May	29.250	29.516	28.913	58.1	.....	70.1	51.3	60.7	87	37	51	....	78	....	.380	.....	1.94	.50	5.0	.....	4.2
June	29.364	29.777	28.916	64.1	.....	74.7	57.8	66.2	89	44	55	....	74	....	.447	.....	4.52	2.72	3.6	.....	3.1
July	29.351	29.618	29.076	70.1	.....	79.3	65.9	72.6	89	59	64	....	80	....	.596	.....	4.93	.98	6.0	.....	5.8
August	29.283	29.563	28.911	65.3	70.6	76.3	61.7	69.0	89	53	59	61	80	73	.509	0.558	3.57	1.09	7.4	6.6	6.2
September	29.365	29.683	29.081	62.8	67.5	74.7	58.9	66.8	92	40	57	59	81	75	.487	.523	2.79	.91	6.4	4.6	5.7
October	29.394	29.806	29.071	49.4	56.8	64.5	46.4	55.4	81	38	42	46	77	69	.280	.331	3.12	1.26	5.0	3.2	5.3
November	29.355	29.744	28.905	38.5	43.5	50.2	35.9	43.0	70	23	32	34	76	68	.183	.202	.79	.68	6.7	6.0	6.9
December	29.320	29.784	28.770	31.0	34.0	40.8	26.5	33.6	62	10	24	26	74	73	.136	.153	1.52	.48	6.2	6.2	7.6
Year	29.342	29.949	28.738	45.0	.....	55.8	40.7	48.2	92	− 8	38	....	78	....	.292	.....	31.76	2.72	5.9	.....	5.7

SAN FRANCISCO, CAL.

[ϕ=37° 48′ N.; λ=122° 26′ W.]

January	29.965	30.186	29.666	48.7	54.1	56.5	47.1	51.8	65	40	45	46	87	74	0.301	0.309	2.47	1.05	5.6	6.0	6.4
February	29.992	30.174	29.580	50.0	56.3	60.6	48.7	54.6	68	44	43	45	80	69	.286	.309	.41	.19	4.1	5.6	5.0
March	29.802	30.127	29.391	48.6	54.3	57.2	47.5	52.4	67	43	41	41	77	63	.261	.261	4.10	2.09	5.8	4.3	5.8
April	29.888	30.096	29.519	48.8	54.2	58.1	47.5	52.8	66	44	43	42	80	64	.277	.266	1.38	.80	4.6	4.5	5.4
May	29.845	30.026	29.477	52.0	59.7	63.3	51.0	57.2	87	46	47	48	84	66	.324	.329	1.47	.74	5.5	3.1	3.7
June	29.795	29.957	29.677	55.1	62.1	67.5	53.2	60.4	93	48	49	50	82	66	.352	.360	.81	.68	5.1	3.5	3.8
July	29.822	29.916	29.671	53.6	59.1	63.5	52.3	57.9	71	49	51	51	91	76	.369	.377	T.	T.	7.8	2.7	4.4
August	29.789	29.939	29.662	54.5	61.6	66.5	53.3	59.9	77	50	51	52	88	71	.372	.385	.00	.00	4.9	1.8	2.6
September	29.790	29.900	29.622	58.0	65.3	70.5	56.3	63.4	94	52	54	51	86	66	.411	.385	1.25	1.21	5.1	2.5	3.7
October	29.848	30.016	29.462	53.7	61.2	68.1	51.8	60.0	81	48	46	44	78	58	.316	.296	.49	.26	1.5	2.7	1.4
November	29.961	30.162	29.681	52.7	59.0	62.4	50.8	56.6	68	46	48	48	86	70	.341	.345	1.94	.94	3.1	3.8	5.1
December	30.069	30.295	29.750	47.4	53.9	57.1	46.0	51.6	67	41	41	41	81	65	.286	.267	1.30	.89	3.7	4.0	4.1
Year	29.880	30.295	29.391	51.9	58.4	62.6	50.5	56.6	94	40	47	47	83	67	.323	.324	15.62	2.09	4.7	3.7	4.3

Annual meteorological summary for the year ending December 31, 1912—Continued.

SAN DIEGO, CAL.

[H=87 ft.; h_1=94 ft.; h_2=86 ft.; h_3=102 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	5.2	NW.	18	NW.	0	7	15	6	3	0	4	0	27	0	18	10	3	6	6	0	0	0	3	0	0	0	0	0
February	5.7	NW.	29	NW.	0	2	17	6	1	0	2	3	27	0	19	9	1	0	0	0	0	0	6	0	0	0	0	0
March	7.6	NW.	43	SE.	2	3	8	12	3	2	7	7	20	0	9	10	12	20	16	0	0	3	0	0	0	0	1	0
April	7.1	NW.	26	W.	0	1	12	10	2	3	9	3	20	0	16	8	6	8	8	0	0	2	0	0	0	0	0	0
May	6.2	NW.	24	S.	0	4	12	5	0	3	8	4	26	0	13	9	9	5	3	0	0	0	2	0	0	0	0	0
June	6.5	NW.	21	NW.	0	8	3	2	3	2	19	3	20	0	12	15	3	1	1	0	0	0	0	0	0	0	2	0
July	5.8	NW.	21	NW.	0	7	11	1	1	1	8	9	24	0	18	12	1	2	1	0	0	0	0	0	0	0	0	0
August	5.9	SW.	18	NW.	0	1	11	4	3	5	18	6	14	0	19	11	1	2	2	0	0	0	1	0	0	0	0	0
September	5.8	NW.	24	NW.	0	3	12	6	1	0	9	10	19	0	19	11	0	0	0	0	0	0	2	0	0	0	0	0
October	6.1	NE.	24	S.	0	4	13	8	5	1	5	4	22	0	18	9	4	5	5	0	0	0	0	0	2	0	2	0
November	5.1	NW.	24	NW.	0	8	13	8	2	0	3	2	24	0	23	3	4	6	4	0	0	0	3	0	0	0	1	0
December	5.4	NE.	26	NE.	0	7	21	6	1	1	1	0	25	0	26	4	1	1	0	0	0	0	2	0	0	0	0	0
Year	6.0	NW.	43	SE.	2	55	148	74	25	18	93	51	268	0	210	111	45	56	46	0	0	5	19	0	2	0	6	0

SAND KEY, FLA.

[H=23 ft.; h_1=39 ft.; h_2=6 ft.; h_3=72 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	16.4	NE.	48	NW.	4	9	19	5	11	5	2	1	10	0	11	13	7	10	9	0	0	0	0	0	0	0	2	0
February	15.9	NE.	56	NW.	5	13	15	7	8	4	1	4	6	0	9	17	3	5	5	0	0	0	0	0	0	0	1	0
March	14.4	E.	37	E.	0	7	13	21	13	4	0	0	4	0	12	15	4	11	6	0	0	0	0	0	0	0	4	0
April	15.1	E.	41	E.	1	2	10	28	17	3	0	0	0	0	16	13	1	5	3	0	0	0	0	0	0	0	5	0
May	10.7	E.	44	SE.	1	2	9	25	15	4	1	3	3	0	9	16	6	6	6	0	0	0	0	0	0	0	7	0
June	14.0	E.	54	N.	4	2	1	25	19	9	3	1	0	0	9	10	11	17	13	0	0	0	0	0	0	0	5	0
July	11.6	E.	32	SE.	0	2	3	31	10	6	3	4	3	0	11	13	7	6	6	0	0	0	0	0	0	0	7	0
August	11.5	E.	39	SE.	0	1	8	38	13	2	0	0	0	0	4	20	7	9	5	0	0	0	0	0	0	0	10	0
September	9.6	E.	32	NE.	0	1	11	25	9	10	3	0	1	0	4	18	8	9	6	0	0	0	0	0	0	0	11	0
October	13.6	E.	42	NE.	1	4	22	18	9	0	3	1	5	0	13	13	5	17	14	0	0	0	0	0	0	0	3	0
November	21.0	NE.	54	NW.	5	11	33	3	2	3	1	1	6	0	18	7	5	5	3	0	0	0	0	0	0	0	0	0
December	16.2	NE.	39	SW.	0	14	22	15	8	1	1	0	1	0	18	7	6	6	5	0	0	0	0	0	0	0	1	0
Year	14.2	E.	56	NW.	21	68	166	241	134	51	18	15	39	0	134	162	70	106	81	0	0	0	0	0	0	0	56	0

SANDUSKY, OHIO.

[H=629 ft.; h_1=62 ft.; h_2=54 ft.; h_3=70 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.4	W.	32	W.	0	4	0	2	1	3	5	10	6	0	5	10	16	16	8	23	15	0	0	26	0	31	0	0
February	8.9	W.	42	NE.	1	1	2	1	1	5	8	8	3	0	8	8	13	12	5	16	10	0	0	20	0	27	0	0
March	8.5	NE.	30	N.	0	2	9	5	2	4	2	6	1	0	9	8	14	13	11	12	7	0	1	12	0	27	3	0
April	11.0	SW.	36	NW.	0	1	4	2	4	1	10	4	4	0	11	7	12	13	10	3	1	1	0	1	0	5	4	0
May	8.5	SW.	33	NW.	0	3	3	4	0	6	9	3	3	0	12	14	5	14	8	0	0	0	0	0	0	0	4	0
June	7.4	SW.	28	NW.	0	4	1	5	0	7	7	6	0	0	18	7	5	9	7	0	0	0	0	0	0	0	8	0
July	6.6	SW.	28	N.	0	4	3	3	0	2	16	1	2	0	7	15	9	14	11	0	0	0	0	0	0	0	12	0
August	7.4	SW.	30	N.	0	7	5	3	8	10	18	5	4	0	5	16	10	13	9	0	0	1	0	0	0	0	11	0
September	6.5	SW.	24	NE.	0	3	7	6	5	10	19	7	3	0	4	17	9	7	6	0	0	0	0	0	5	0	4	0
October	7.8	SW.	34	W.	0	7	1	1	6	12	20	11	4	0	10	10	11	9	6	0	0	0	0	0	0	0	2	0
November	10.1	SW.	28	NW.	0	2	0	0	2	4	33	11	8	0	5	9	16	7	2	5	2	0	0	0	0	12	0	0
December	9.9	SW.	33	NW.	0	0	0	2	3	8	30	13	6	0	4	7	20	10	8	10	5	0	1	4	0	22	0	0
Year	8.5	SW.	42	NE.	1	38	35	34	32	72	177	85	44	0	98	128	140	137	91	69	40	2	2	63	5	124	48	0

SAN FRANCISCO, CAL.

[H=155 ft.; h_1=200 ft.; h_2=191 ft.; h_3=204 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.7	S.	32	SW.	0	8	9	0	4	14	5	12	10	0	10	4	17	12	11	0	0	1	3	0	0	0	1	0
February	5.7	W.	23	W.	0	3	2	1	3	8	5	22	13	1	10	9	10	5	4	0	0	0	3	0	0	0	0	0
March	8.1	W.	49	NE.	1	2	6	0	5	6	7	26	10	0	10	9	22	10	8	0	0	1	0	0	0	0	0	0
April	8.9	W.	30	W.	0	0	1	0	0	8	10	34	7	0	11	8	11	11	8	0	0	0	0	0	0	0	0	0
May	8.9	W.	33	W.	0	0	0	0	1	6	14	35	4	2	16	9	6	8	5	0	0	0	0	0	0	0	0	0
June	10.0	W.	35	W	0	0	1	1	1	3	12	33	8	1	16	7	7	6	3	0	0	0	0	0	1	0	0	0
July	11.6	W.	32	W.	0	0	0	0	0	1	16	43	1	1	12	14	5	6	0	0	0	0	0	0	0	0	0	0
August	11.1	W.	34	SW.	0	0	0	0	0	1	17	42	1	1	20	8	3	0	0	0	0	0	2	0	0	0	0	0
September	8.3	W.	28	W.	0	1	2	1	2	1	16	33	3	1	15	9	6	4	2	0	0	0	2	0	1	0	0	0
October	6.2	W.	27	NW.	0	4	1	1	2	6	8	31	7	2	27	1	3	5	4	0	0	0	0	0	0	0	0	0
November	5.1	NW.	27	SW.	0	6	6	2	1	8	6	9	21	1	12	5	13	9	7	0	0	0	3	0	0	0	0	0
December	5.5	NE.	34	NE.	0	5	9	3	5	12	2	13	13	0	16	6	9	6	3	0	0	0	2	0	0	0	0	0
Year	7.9	W.	49	NE.	1	29	37	9	24	74	118	333	98	10	175	89	102	76	55	0	0	2	15	0	2	0	1	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

SAN JOSE, CAL.

[ϕ=37° 20′ N.; λ=121° 54′ 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	29.985	30.223	29.737	.....	56.1	59.2	40.5	49.8	68	27	....	47	....	72	.....	0.325	1.36	0.50	.....	5.8	5.7
February	29.992	30.198	29.620	.....	60.0	63.4	42.0	52.7	72	31	....	44	....	55	.....	.302	.30	.20	.....	4.8	4.7
March	29.824	30.127	29.478	.....	57.6	61.3	41.4	51.4	70	34	....	43	....	61	.....	.284	2.80	1.17	.....	5.3	6.0
April	29.913	30.129	29.594	.....	58.7	62.9	41.4	52.2	71	33	....	44	....	59	.....	.289	1.95	.78	.....	4.9	4.9
May	29.850	30.075	29.546	.....	68.0	72.3	47.6	60.0	92	39	....	50	....	52	.....	.360	.70	.35	.....	2.5	3.1
June	29.811	29.980	29.686	.....	73.7	78.6	51.4	65.0	99	44	....	52	....	49	.....	.396	.46	.36	.....	2.0	2.8
July	29.833	29.942	29.677	.....	72.7	77.8	51.6	64.7	89	46	....	55	....	54	.....	.435	T.	T.	.....	0.8	2.5
August	29.813	29.994	29.697	.....	74.2	79.3	50.9	65.1	90	44	....	55	....	51	.....	.430	.0	.....	.....	0.2	1.4
September	29.816	29.940	29.663	.....	74.0	79.3	52.1	65.7	99	46	....	54	....	52	.....	.417	.71	.47	.....	2.0	2.7
October	29.859	30.035	29.464	.....	67.1	72.7	42.2	57.4	86	35	....	45	....	46	.....	.300	.21	.09	.....	2.3	2.1
November	29.977	30.179	29.730	.....	60.4	65.8	41.3	53.6	80	31	....	47	....	64	.....	.333	.29	.19	.....	3.9	3.5
December	30.080	30.313	29.798	.....	55.0	59.6	36.1	47.8	69	26	....	38	....	56	.....	.238	.43	.30	.....	2.9	3.4
Year	29.896	30.313	29.464	.....	64.8	69.4	44.9	57.1	99	26	....	48	....	56	.....	.342	9.21	1.17	.....	3.1	3.6

SAN JUAN, P. R.

[ϕ=18° 29′ N.; λ=66° 7′ W.]

January	29.953	30.060	29.905	75.0	.....	82.1	70.5	76.3	85	66	68	....	79	....	0.686	.....	2.35	0.66	2.5	.....	3.2
February	29.927	30.122	29.860	74.3	.....	83.4	69.9	76.6	90	67	67	....	78	....	.658	.....	1.08	.46	2.3	.....	3.2
March	29.959	30.047	29.923	76.9	.....	82.6	70.6	76.6	87	69	67	....	72	....	.664	.....	2.87	.66	3.5	.....	4.2
April	29.945	30.075	29.884	77.8	.....	82.2	71.5	76.8	85	68	67	....	71	....	.668	.....	6.32	4.80	3.9	.....	4.1
May	29.925	30.023	29.838	80.9	.....	85.1	73.8	79.4	93	70	70	....	70	....	.733	.....	3.24	1.63	3.4	.....	3.9
June	29.973	30.041	29.956	81.5	.....	85.0	74.7	79.8	90	72	71	....	71	....	.763	.....	1.51	.43	4.7	.....	5.3
July	29.944	30.019	29.874	82.2	.....	86.3	75.8	81.0	91	73	72	....	71	....	.785	.....	2.84	.69	3.7	.....	3.9
August	29.935	30.016	29.891	82.1	.....	86.1	75.8	81.0	88	73	72	....	73	....	.793	.....	3.74	.92	3.3	.....	4.3
September	29.872	29.967	29.751	82.1	.....	87.2	74.8	81.0	94	69	73	....	74	....	.807	.....	4.12	2.30	2.2	.....	5.1
October	29.831	29.946	29.745	80.0	.....	86.3	74.2	80.2	91	70	72	....	78	....	.790	.....	7.28	2.18	3.9	.....	5.7
November	29.835	29.960	29.782	78.3	.....	84.3	73.3	78.8	91	71	72	....	82	....	.790	.....	6.41	1.32	4.4	.....	5.6
December	29.912	30.036	29.854	76.8	.....	82.3	72.2	77.2	85	70	70	....	79	....	.721	.....	4.19	.53	4.0	.....	4.8
Year	29.918	30.122	29.745	79.0	.....	84.4	73.1	78.7	94	66	70	....	75	....	.738	.....	45.95	4.80	3.5	.....	4.4

SAN LUIS OBISPO, CAL.

[ϕ=35° 18′ N.; λ=120° 39′ W.]

January	29.921	30.052	29.745	48.2	59.9	63.7	44.7	54.2	84	33	41	46	79	63	0.265	0.317	2.80	1.42	3.2	5.5	6.2
February	29.912	30.053	29.574	48.0	60.2	65.8	44.4	55.1	77	32	40	44	74	57	.250	.296	.02	.02	2.0	4.5	4.6
March	29.788	30.052	29.402	45.4	55.0	58.2	43.0	50.6	67	35	41	47	83	75	.255	.325	5.65	2.06	7.2	5.9	7.1
April	29.868	30.052	29.558	45.4	55.0	60.0	43.0	51.5	67	34	41	47	83	75	.254	.323	2.27	1.30	4.1	5.2	5.5
May	29.803	29.942	29.480	50.7	63.6	68.5	48.1	58.3	94	40	45	51	82	65	.299	.373	2.09	1.12	5.5	4.2	5.4
June	29.755	29.859	29.592	51.9	67.2	71.7	50.1	60.9	90	42	48	50	85	56	.329	.363	0	0	4.6	1.7	4.1
July	29.784	29.862	29.650	51.8	69.0	73.6	51.0	62.3	87	45	48	52	88	56	.339	.390	T.	T.	6.6	1.8	4.5
August	29.740	29.912	29.584	51.8	69.0	76.4	50.0	63.2	94	46	48	52	88	57	.335	.394	0	0	3.6	0.5	2.6
September	29.737	29.840	29.554	55.1	70.0	77.1	51.9	64.5	94	42	49	52	82	56	.350	.396	.04	.03	4.4	1.6	3.6
October	29.787	29.987	29.456	51.5	65.8	72.6	46.8	59.7	92	37	42	44	73	51	.276	.300	T.	T.	2.8	2.0	3.5
November	29.897	30.058	29.625	48.6	64.9	72.1	44.7	58.4	84	34	39	42	71	50	.239	.282	.79	.64	1.3	3.3	3.4
December	29.993	30.205	29.804	42.9	57.8	63.1	39.3	51.2	72	30	32	36	67	47	.184	.224	.24	.24	0.5	1.8	2.1
Year	29.832	30.205	29.402	49.3	63.1	68.6	46.4	57.5	94	30	43	47	80	59	.281	.332	13.90	2.06	3.8	3.2	4.4

SANTA FE, N. MEX.

[ϕ=35° 41′ N.; λ=105° 57′ W.]

January	23.213	23.466	22.814	21.8	30.2	40.8	17.0	28.9	54	4	10	16	58	53	0.066	0.090	0.03	0.02	1.5	3.4	2.4
February	23.150	23.437	22.782	22.0	35.5	42.9	17.7	30.3	55	5	12	16	63	43	.072	.087	.40	.34	2.8	4.7	3.5
March	23.122	23.370	22.802	31.2	42.2	47.5	27.8	37.6	58	20	23	24	70	50	.124	.130	1.85	.65	5.8	6.2	5.1
April	23.167	23.404	22.860	34.4	48.2	53.6	31.0	42.3	72	20	22	20	60	36	.115	.110	.43	.13	2.7	6.2	4.1
May	23.218	23.420	22.928	47.9	63.2	67.5	43.3	55.4	81	29	26	23	45	25	.141	.126	.99	.49	3.1	6.1	3.8
June	23.337	23.504	22.994	56.2	68.1	74.1	50.7	62.4	84	35	40	37	57	37	.254	.227	2.21	.47	2.1	6.6	4.1
July	23.378	23.505	23.205	60.2	73.9	79.4	56.9	68.2	87	50	46	46	62	40	.318	.323	1.49	.59	3.1	7.0	4.4
August	23.349	23.444	23.222	57.8	71.7	78.8	55.6	67.2	87	50	46	44	66	41	.315	.292	1.15	.38	3.6	5.7	4.3
September	23.303	23.473	23.026	47.7	64.9	70.1	46.1	58.1	77	32	32	29	57	28	.198	.164	.06	.05	2.2	3.1	2.3
October	23.291	23.564	22.992	41.2	51.9	60.3	37.6	49.0	70	29	30	30	65	45	.170	.171	.84	.57	2.8	3.4	3.2
November	23.337	23.640	23.017	29.8	40.4	51.0	27.5	39.2	64	8	16	18	56	38	.091	.096	.03	.02	2.1	2.6	2.5
December	23.233	23.570	22.835	19.9	26.7	36.0	15.8	25.9	53	5	12	14	69	58	.071	.082	.79	.39	2.8	2.5	2.9
Year	23.258	23.640	22.782	39.2	51.4	58.5	35.6	47.0	87	4	26	26	61	41	.161	.158	10.29	.65	2.9	4.8	3.6

Annual meteorological summary for the year ending December 31, 1912—Continued.

SAN JOSE, CAL.

[H=141 ft.; h_t=12 ft.; h_r=3 ft.; h_a=110 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	3.7	SE.	21	S.	0	0	1	0	5	5	1	7	12	0	12	4	15	10	7	0	0	0	4	0	0	5	0	0
February	4.1	NW.	18	SW.	0	1	0	0	0	2	2	4	20	0	12	9	8	2	2	0	0	0	4	0	0	1	0	0
March	4.2	NW.	23	SE.	0	2	0	3	3	5	1	6	11	0	7	11	13	11	8	0	0	0	0	0	0	0	0	0
April	4.0	NW.	13	S.	0	0	0	0	1	2	3	2	22	0	12	10	8	9	7	0	0	1	0	0	0	0	0	0
May	4.6	NW.	22	NW.	0	0	0	0	1	2	2	2	24	0	20	9	2	8	3	0	0	0	2	0	1	0	0	0
June	5.8	NW.	24	SW.	0	1	0	0	2	0	2	0	25	0	22	5	3	3	3	0	0	0	0	0	5	0	0	0
July	6.7	NW.	24	SE.	0	0	0	0	0	0	0	2	29	0	24	7	0	0	0	0	0	0	1	0	0	0	0	0
August	6.3	NW.	23	NW.	0	0	0	0	0	0	0	0	31	0	27	4	0	0	0	0	0	0	2	0	2	0	0	0
September	5.5	NW.	21	NW.	0	0	0	0	0	2	1	3	24	0	20	8	2	4	3	0	0	0	3	0	5	0	0	0
October	5.5	NW.	23	W.	0	0	0	0	1	1	0	4	25	0	26	4	1	6	3	0	0	0	0	0	0	0	0	0
November	5.1	NW.	22	NW.	0	0	0	2	1	1	1	6	19	0	17	7	6	5	3	0	0	0	4	0	0	1	0	0
December	6.0	NW.	36	N.	0	3	0	0	1	1	0	6	20	0	19	6	6	5	3	0	0	0	0	0	0	8	0	0
Year	5.1	NW.	36	N.	0	7	1	5	15	21	13	42	262	0	218	84	64	63	42	0	0	1	20	0	13	15	0	0

SAN JUAN, P. R.

[H=82 ft.; h_t=48 ft.; h_r=40 ft.; h_a=90 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.7	SE.	31	E.	0	0	0	4	17	5	4	1	0	0	16	14	1	19	14	0	0	0	0	0	0	0	0	0
February	9.1	SE.	35	SE.	0	0	0	2	21	3	3	0	0	0	18	9	2	8	4	0	0	0	0	0	0	0	0	0
March	10.9	E.	31	E.	0	0	0	15	14	1	0	1	0	0	15	11	5	19	15	0	0	0	0	0	0	0	0	0
April	10.3	E.	30	E.	0	0	1	16	10	1	0	2	0	0	15	12	3	12	8	0	0	0	0	0	0	0	2	0
May	10.9	SE.	30	SE.	0	0	1	12	17	1	0	0	0	0	12	18	1	14	9	0	0	0	0	0	3	0	5	0
June	11.8	E.	35	SE.	0	0	2	20	6	1	0	0	1	0	12	8	10	12	8	0	0	0	0	0	0	0	4	0
July	11.8	E.	31	NE.	0	0	3	22	6	0	0	0	0	0	13	15	3	13	11	0	0	0	0	0	1	0	3	0
August	11.1	E.	31	S.	0	0	1	24	5	1	0	0	0	0	17	8	6	20	15	0	0	0	0	0	0	0	7	0
September	6.8	SE.	29	E.	0	0	2	6	9	6	5	2	0	0	4	22	4	13	9	0	0	0	0	0	2	0	15	0
October	7.5	SE.	33	E.	0	0	0	3	19	7	2	0	0	0	10	11	10	16	14	0	0	0	0	0	3	0	8	0
November	7.8	SE.	27	E.	0	0	1	4	15	6	4	0	0	0	8	12	10	25	22	0	0	0	0	0	1	0	1	0
December	9.9	E.	32	E.	0	0	4	7	11	5	3	1	0	0	7	21	3	30	24	0	0	0	0	0	0	0	1	0
Year	9.8	SE.	35	SE.	0	0	15	135	150	32	21	7	1	0	147	161	58	201	153	0	0	0	0	0	10	0	46	0

SAN LUIS OBISPO, CAL.

[H=201 ft.; h_t=47 ft.; h_r=40 ft.; h_a=54 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	4.4	N.	20	NW.	0	18	2	3	2	8	0	9	15	5	9	6	16	6	6	0	0	0	6	0	0	0	0	0
February	6.3	N.	30	W.	0	22	1	0	3	2	3	8	18	1	14	8	7	1	0	0	0	0	3	0	0	0	0	0
March	5.3	NW.	26	SW.	0	7	2	0	4	9	4	17	14	5	4	8	19	13	11	0	0	1	0	0	0	0	1	0
April	6.3	NW.	24	W.	0	9	2	0	3	4	2	24	16	0	9	10	11	7	7	0	0	0	1	0	0	0	0	0
May	5.5	NW.	25	W.	0	10	3	0	1	8	2	14	23	1	12	6	13	4	4	0	0	0	2	0	1	0	0	0
June	5.9	NW.	24	NW.	0	8	1	0	2	10	5	21	10	3	12	11	7	0	0	0	0	0	3	0	1	0	0	0
July	4.3	NW.	20	NW.	0	4	1	0	3	5	6	15	23	5	13	12	6	0	0	0	0	0	3	0	0	0	0	0
August	4.6	NW.	24	NW.	0	7	1	0	3	3	10	12	20	6	23	6	2	0	0	0	0	0	7	0	4	0	0	0
September	5.0	NW.	22	NW.	0	7	2	1	5	6	2	18	17	2	19	6	5	2	0	0	0	0	3	0	5	0	0	0
October	4.9	N.	24	W.	0	15	1	1	2	7	0	13	19	4	19	7	5	0	0	0	0	0	0	0	5	0	0	0
November	4.8	N.	20	W.	0	33	1	1	2	2	3	7	10	1	16	6	8	4	4	0	0	0	1	0	0	0	0	0
December	6.4	N.	24	NE.	0	27	3	2	3	2	1	6	16	2	22	7	2	2	2	0	0	0	2	0	0	0	0	0
Year	5.3	NW.	30	W.	0	167	20	8	33	66	38	164	201	35	172	93	101	39	34	0	0	1	31	0	16	0	1	0

SANTA FE, N. MEX.

[H=7,013 ft.; h_t=57 ft.; h_r=49 ft.; h_a=62 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.0	NE.	35	N.	0	16	33	5	3	1	1	0	3	0	24	6	1	2	0	2	2	0	0	5	0	31	0	0
February	9.4	N.	39	N.	0	14	16	7	7	4	4	2	4	0	17	10	2	4	2	8	4	0	0	2	0	29	1	0
March	8.7	SW.	40	SW.	1	8	8	4	15	9	10	4	4	0	7	19	5	14	8	14	8	1	1	0	0	25	5	0
April	9.9	SW.	39	SW.	0	7	9	8	7	7	9	7	6	0	11	18	1	10	5	12	7	1	0	0	0	19	4	0
May	8.9	SW.	35	SW.	0	6	10	8	12	4	15	4	3	0	18	11	2	8	4	3	1	1	0	0	0	4	6	0
June	8.0	SE.	43	SE.	1	5	7	14	12	6	10	2	4	0	10	19	1	11	10	0	0	3	0	0	0	0	19	0
July	7.4	SE.	31	S.	0	5	8	8	12	11	13	2	3	0	8	21	2	13	9	0	0	1	0	0	0	0	21	0
August	6.5	SE.	31	SW.	0	5	6	10	20	9	7	3	2	0	13	15	3	11	8	0	0	0	0	0	0	0	17	0
September	8.3	SE.	31	SW.	0	6	3	4	20	4	13	6	4	0	22	7	1	3	1	0	0	0	0	0	0	1	4	0
October	8.4	SE.	42	SW.	1	7	5	5	15	10	16	2	2	0	18	10	3	6	4	2	1	1	0	0	0	6	1	0
November	6.7	N.	27	NW.	0	12	12	6	16	3	4	1	6	0	21	8	1	2	0	5	2	0	0	0	0	24	0	0
December	7.0	N.	31	SW.	0	14	16	6	9	5	2	2	8	0	21	7	3	5	3	10	5	0	0	8	0	31	0	0
Year	8.8	SE.	43	SE.	3	105	133	85	148	73	104	35	49	0	190	151	25	89	54	56	30	8	1	15	0	170	78	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

SAULT STE. MARIE, MICH.

[ϕ=46° 30′ N.; λ=84° 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	29.305	29.852	28.593	−3.7	3.9	8.7	−8.4	0.2	23	−30	−6	2	90	91	0.033	0.047	1.98	0.55	7.3	5.9	7.0
February	29.272	29.787	28.777	6.3	11.3	17.9	−0.7	8.6	37	−32	5	9	92	92	.062	.072	.41	.16	7.2	5.8	6.8
March	29.463	30.055	28.933	9.9	20.7	28.0	6.2	17.1	46	−12	7	15	86	76	.063	.087	.19	.07	5.3	4.0	4.8
April	29.270	29.681	28.650	32.5	38.2	44.8	27.0	35.9	62	10	27	28	80	66	.152	.158	2.30	.89	5.2	5.1	5.4
May	29.253	29.577	28.744	46.8	52.0	60.4	39.4	49.9	77	32	39	40	75	66	.244	.254	3.10	1.11	6.4	5.6	6.0
June	29.332	29.713	28.768	53.2	59.8	67.5	44.1	55.8	86	36	47	46	79	62	.322	.324	1.32	.64	4.0	3.9	3.9
July	29.332	29.670	29.000	59.9	64.9	73.3	52.0	62.6	93	40	54	54	84	69	.434	.437	.80	.20	5.9	4.1	5.7
August	29.270	29.602	28.719	55.5	58.9	65.2	50.9	58.0	80	41	52	53	90	81	.403	.411	6.37	2.85	8.2	7.3	7.8
September	29.324	29.703	29.029	53.0	57.1	65.2	48.5	56.8	82	30	51	52	92	83	.388	.409	4.48	1.18	7.3	4.6	7.3
October	29.296	29.772	28.671	41.9	47.5	55.7	38.1	46.9	78	27	39	41	88	78	.243	.264	2.40	.99	5.5	3.5	5.8
November	29.260	29.697	28.936	30.8	34.4	38.6	27.4	33.0	54	10	27	29	85	80	.149	.162	1.28	.41	6.6	6.0	8.1
December	29.144	29.526	28.580	23.5	25.5	31.1	17.4	24.2	48	− 6	20	22	85	86	.114	.122	1.80	.60	9.3	8.9	9.2
Year	29.293	30.055	28.580	34.1	39.5	46.4	28.5	37.4	93	−32	30	33	86	78	.217	.229	26.43	2.85	6.5	5.4	6.5

SAVANNAH, GA.

[ϕ=32° 5′ N.; λ=81° 5′ W.]

Month.	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.
January	30.032	30.339	29.630	42.1	47.9	55.5	39.5	47.5	75	21	36	37	78	68	0.228	0.240	4.12	1.13	6.8	4.2	6.4
February	29.948	30.289	29.474	42.9	49.7	57.9	40.0	49.0	79	25	35	38	74	67	.228	.254	6.17	2.63	4.4	2.1	4.9
March	30.041	30.441	29.555	53.2	58.3	65.9	50.1	58.0	83	38	48	51	84	77	.360	.386	4.38	1.08	6.3	4.0	5.5
April	30.029	30.390	29.722	63.8	66.4	75.0	60.7	67.8	85	51	58	59	83	78	.504	.509	5.78	1.69	5.9	4.6	5.2
May	29.927	30.233	29.673	71.7	73.4	82.2	67.0	74.6	96	58	66	66	83	80	.646	.655	7.41	2.48	5.6	5.0	5.2
June	29.975	30.177	29.709	75.2	77.2	85.0	70.8	77.9	97	60	68	69	79	76	.692	.708	4.94	3.11	6.2	6.9	6.3
July	29.985	30.228	29.669	78.5	80.3	87.7	73.5	80.6	97	70	72	73	83	78	.800	.802	4.87	1.48	5.5	5.3	6.4
August	29.975	30.154	29.791	75.6	78.5	89.1	71.9	80.5	97	64	72	72	87	81	.772	.782	8.27	3.30	5.5	5.0	5.9
September	29.923	30.112	29.774	75.6	77.4	85.3	72.6	79.0	100	64	72	72	89	84	.786	.791	8.66	2.86	6.3	6.3	7.6
October	29.993	30.228	29.760	63.4	68.7	75.8	60.8	68.3	85	48	59	61	85	79	.513	.561	1.93	1.26	5.1	3.9	5.4
November	30.101	30.421	29.618	50.3	57.8	66.2	47.7	57.0	79	33	42	43	75	61	.297	.307	1.18	.54	3.5	2.5	3.5
December	30.085	30.414	29.779	50.6	55.0	62.1	47.5	54.8	78	33	47	48	88	79	.350	.363	4.13	1.48	6.7	5.6	7.4
Year	30.001	30.441	29.474	61.9	65.9	74.0	58.5	66.2	100	21	56	57	82	76	.515	.530	61.84	3.30	5.6	4.6	5.8

SCRANTON, PA.

[ϕ=41° 24′ N.; λ=75° 42′ W.]

Month.	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.
January	29.151	29.658	28.535	16.0	20.1	27.4	11.5	19.4	48	−10	11	14	78	74	0.079	0.083	2.55	0.64	6.4	6.7	6.8
February	29.081	29.595	28.326	19.3	26.1	32.3	16.8	24.6	51	− 7	12	18	71	68	.081	.102	1.57	1.05	6.3	5.6	5.3
March	29.254	29.747	28.563	28.5	35.5	41.4	24.3	32.8	62	10	22	27	76	71	.129	.156	7.02	2.10	5.3	7.8	6.5
April	29.140	29.660	28.465	43.9	50.3	57.4	38.3	47.8	78	25	35	39	72	67	.217	.252	3.78	.93	7.4	6.6	7.0
May	29.105	29.365	28.731	57.9	63.3	71.4	51.1	61.2	87	36	48	50	71	64	.343	.375	1.44	.44	5.8	5.4	5.7
June	29.187	29.564	28.956	62.1	69.3	76.2	54.3	65.2	91	40	49	53	64	58	.368	.421	1.67	.79	5.5	4.0	5.0
July	29.180	29.513	28.776	67.7	74.5	82.0	61.5	71.8	94	46	59	61	74	64	.513	.546	2.11	.77	4.8	4.4	4.8
August	29.127	29.443	28.738	62.8	68.4	76.0	57.1	66.6	86	45	57	58	83	72	.485	.504	4.91	1.80	7.1	4.5	6.6
September	29.223	29.557	28.960	59.7	64.9	72.6	55.0	63.8	89	36	55	58	86	80	.456	.504	6.94	1.78	6.8	6.5	6.8
October	29.215	29.570	28.880	48.8	55.7	64.8	44.3	54.6	80	33	45	48	86	75	.307	.345	2.75	1.29	5.9	5.3	5.7
November	29.158	29.625	28.691	39.4	44.4	50.8	35.3	43.0	68	23	34	35	79	72	.201	.216	3.75	2.00	6.7	6.8	6.7
December	29.157	29.710	28.596	32.2	37.0	42.7	28.3	35.5	65	13	27	32	80	81	.153	.185	4.07	.84	6.3	8.6	7.3
Year	29.165	29.747	28.326	44.9	50.8	57.9	39.8	48.9	94	−10	38	41	77	70	.278	.307	42.56	2.10	6.2	6.0	6.2

SEATTLE, WASH.

[ϕ=47° 38′ N.; λ=122° 20′ W.]

Month.	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.
January	29.913	30.319	29.267	40.6	44.7	47.2	37.9	42.6	57	24	38	39	90	82	0.233	0.245	4.52	1.05	8.3	8.0	7.8
February	30.006	30.394	29.615	40.6	46.6	49.1	38.7	43.9	55	31	38	39	90	75	.230	.240	3.11	.63	7.7	7.0	7.0
March	29.890	30.286	29.436	38.9	48.9	51.5	37.1	44.3	66	32	34	35	83	62	.197	.208	1.79	.62	6.1	4.6	5.1
April	29.882	30.093	29.179	43.4	52.3	54.4	41.7	48.0	64	35	40	39	90	62	.253	.241	1.73	.38	8.8	7.7	7.7
May	29.950	30.232	29.536	49.9	62.0	65.3	48.7	57.0	90	43	45	43	85	54	.303	.285	1.64	1.07	7.2	5.4	5.7
June	29.928	30.261	29.627	53.1	65.9	68.2	51.7	60.0	88	46	48	48	84	57	.338	.342	2.76	.81	7.1	5.0	5.5
July	29.936	30.114	29.731	56.4	69.4	71.5	55.3	63.4	87	50	52	54	87	60	.393	.414	1.15	.50	6.6	4.6	5.3
August	29.889	30.080	29.486	56.1	67.5	69.4	55.1	62.2	83	48	53	53	91	62	.410	.405	2.49	.80	7.5	5.5	6.4
September	29.931	30.166	29.447	53.0	64.7	66.9	51.4	59.2	80	42	49	49	88	60	.346	.350	.73	.25	4.7	5.2	5.3
October	29.940	30.255	29.233	46.0	53.0	55.9	43.9	49.9	65	36	43	44	88	73	.275	.292	3.97	.77	6.3	6.3	7.0
November	29.919	30.391	29.418	44.7	47.8	50.8	41.6	46.2	61	35	41	42	87	81	.257	.271	6.82	1.50	8.2	9.0	8.7
December	30.010	30.562	29.193	40.3	42.5	45.5	37.6	41.6	51	32	37	39	90	88	.224	.238	4.43	.93	7.8	7.5	8.4
Year	29.933	30.562	29.179	46.9	55.4	58.0	45.1	51.5	90	24	43	44	88	68	.288	.294	35.14	1.50	7.2	6.3	6.7

Annual meteorological summary for the year ending December 31, 1912—Continued.

SAULT STE. MARIE, MICH.

[H=614 ft.; h_t=11 ft.; h_r=3 ft.; h_a=61 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	7.5	E.	36	W.	0	7	2	16	13	2	7	10	5	0	6	7	18	20	14	24	20	0	1	31	0	31	0	0
February	9.3	W.	39	W.	0	3	2	9	5	4	6	21	8	0	7	7	15	10	2	19	10	0	2	24	0	29	0	0
March	8.7	W.	40	NW.	1	3	3	11	8	1	9	19	7	1	11	12	8	7	2	12	6	0	5	18	0	31	0	0
April	10.9	NW.	50	W.	3	2	5	15	7	1	5	13	12	0	11	8	11	12	7	7	4	0	0	2	0	25	1	0
May	8.4	E.	32	W.	0	2	5	16	11	2	5	15	6	0	8	11	12	11	9	0	0	0	0	0	0	1	4	0
June	8.2	W.	37	NW.	0	1	6	9	5	2	11	17	9	0	17	8	5	9	7	0	0	0	0	0	0	0	3	0
July	7.7	E.	38	NW.	0	1	3	16	13	2	6	11	10	0	6	15	10	10	6	0	0	0	1	0	1	0	2	0
August	7.5	NW.	36	SW.	0	4	4	13	7	2	4	11	17	0	2	9	20	14	11	0	0	0	1	0	0	0	5	0
September	6.8	E.	27	NW.	0	3	2	12	17	4	5	9	8	0	5	6	19	17	11	0	0	0	1	0	0	1	8	0
October	10.1	W.	46	W.	1	6	3	9	13	2	6	13	9	1	10	7	14	13	9	1	0	0	2	0	0	5	0	0
November	9.5	SE.	39	W.	0	8	8	6	13	5	4	7	9	0	3	6	21	13	10	14	9	0	2	6	0	24	0	0
December	10.3	SE.	39	W.	0	3	3	12	15	4	9	8	8	0	0	3	28	22	11	22	18	0	0	14	0	31	0	0
Year	8.7	W.	50	W.	5	43	46	144	127	31	77	154	108	2	86	99	181	158	99	99	67	0	15	95	1	178	23	0

SAVANNAH, GA.

[H=65 ft.; h_t=150 ft.; h_r=143 ft.; h_a=194 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.9	NW.	44	W.	2	10	5	8	2	4	5	14	14	0	7	9	15	12	10	2	0	0	2	1	0	8	0	0
February	12.7	W.	58	W.	2	3	4	4	4	7	5	20	11	0	14	4	11	8	6	1	0	0	4	0	0	4	2	0
March	12.1	W.	50	SE.	1	8	9	7	5	15	4	11	3	0	11	9	11	9	8	0	0	0	0	0	0	0	0	0
April	11.2	SE.	53	W.	3	6	7	5	15	11	10	3	3	0	10	11	9	9	7	0	0	0	2	0	0	0	7	0
May	10.5	E.	44	S.	1	5	6	9	8	13	5	12	4	0	10	11	10	11	9	0	0	1	0	0	3	0	7	0
June	11.1	W.	42	NE.	1	5	12	3	7	10	10	10	3	0	6	9	15	11	9	0	0	0	0	0	6	0	5	0
July	9.5	SE.	49	SE.	1	3	9	8	14	9	5	9	4	1	5	13	13	12	9	0	0	0	0	0	9	0	9	0
August	9.4	SW.	37	W.	0	2	5	2	2	13	18	16	4	0	8	10	13	12	12	0	0	0	1	0	18	0	12	0
September	9.5	SE.	35	SE.	0	7	9	13	8	8	8	4	3	0	3	10	17	18	16	0	0	0	0	0	7	0	14	0
October	9.9	NE.	25	W.	0	12	25	9	5	1	1	2	7	0	8	12	11	6	5	0	0	0	1	0	0	0	1	0
November	11.4	NW.	36	W.	0	8	12	2	3	5	10	9	11	0	17	8	5	7	5	0	0	0	2	0	0	0	0	0
December	9.9	NE.	39	NW.	0	8	15	3	3	8	5	13	7	0	5	7	19	12	8	0	0	0	7	0	0	0	0	0
Year	10.8	W.	58	W.	11	77	118	73	76	104	86	123	74	1	104	113	149	127	104	3	0	1	19	1	43	12	57	0

SCRANTON, PA.

[H=805 ft.; h_t=111 ft.; h_r=102 ft.; h_a=119 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.2	S.	46	SW.	1	8	4	0	6	10	13	11	10	0	2	16	13	11	9	11	7	0	3	22	0	30	0	0
February	8.2	W.	52	SW.	1	9	7	0	0	12	12	7	11	0	8	12	9	7	7	13	5	0	0	13	0	26	1	0
March	6.8	S.	32	SW.	0	12	1	4	2	11	5	11	16	0	4	13	14	15	11	12	8	0	1	8	0	25	0	0
April	8.8	S.	39	SW.	0	7	5	4	3	11	9	10	10	1	3	11	16	17	11	4	2	1	0	0	0	6	6	0
May	8.3	S.	37	SW.	0	11	6	1	4	20	7	4	9	0	9	11	11	10	9	0	0	1	1	0	0	0	3	0
June	6.6	S.	37	W.	0	7	3	2	1	19	11	4	13	0	8	16	6	8	7	0	0	0	0	0	1	0	5	0
July	5.9	S.	35	S.	0	13	3	1	3	18	6	4	13	1	11	11	9	12	9	0	0	1	0	0	5	0	8	0
August	6.1	S.	39	W.	0	8	7	1	7	21	8	1	9	0	5	13	13	14	12	0	0	0	0	0	0	0	10	0
September	5.4	S.	28	N.	0	13	9	6	6	14	8	1	3	0	7	8	15	12	10	0	0	0	0	0	0	0	6	0
October	5.9	S.	26	W.	0	14	4	1	2	17	6	6	11	1	9	13	9	8	7	0	0	0	1	0	0	0	3	0
November	7.6	S.	34	SW.	0	7	3	0	2	21	13	5	8	1	4	13	13	9	5	4	2	0	0	0	0	13	1	0
December	8.2	S.	35	SW.	0	8	4	1	2	17	20	7	3	0	2	12	17	10	8	10	4	0	0	4	0	21	0	0
Year	7.2	S.	52	SW.	2	117	56	21	38	191	118	71	116	4	72	149	145	133	105	54	28	3	6	47	6	121	43	0

SEATTLE, WASH.

[H=125 ft.; h_t=215 ft.; h_r=209 ft.; h_a=250 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.8	SE.	40	SW.	1	7	11	5	17	15	5	0	2	0	4	7	20	17	16	4	3	0	5	0	0	7	0	0
February	8.6	S.	38	SW.	0	8	9	2	12	13	8	4	2	0	6	8	15	19	13	0	0	0	8	0	0	3	0	0
March	8.0	N.	40	SW.	1	14	10	4	12	6	7	2	7	0	12	8	11	10	8	1	1	0	5	0	0	2	1	0
April	7.6	S.	34	SW.	0	3	4	4	12	10	13	3	11	0	1	10	19	16	12	0	0	0	0	0	0	0	0	0
May	8.1	N.	31	S.	0	13	7	1	5	14	11	6	5	0	8	14	9	11	7	0	0	0	0	0	0	0	1	0
June	8.2	N.	27	SW.	0	14	12	0	8	9	7	1	8	1	10	10	10	12	9	0	0	1	0	0	0	0	4	0
July	7.0	N.	31	SW.	0	14	6	5	8	10	6	3	8	2	10	9	12	11	8	0	0	0	1	0	0	0	1	0
August	7.2	S.	30	S.	0	13	4	4	11	11	8	5	6	0	7	9	15	11	9	0	0	0	1	0	0	0	1	0
September	7.4	N.	31	S.	0	15	10	7	9	6	4	3	6	0	12	6	12	5	4	0	0	0	7	0	0	0	0	0
October	8.4	SE.	44	SW.	3	10	3	3	18	13	6	3	6	0	5	11	15	17	12	0	0	0	3	0	0	0	1	0
November	9.9	SE.	37	S.	0	7	7	3	16	17	7	0	3	0	0	6	24	21	17	0	0	1	0	0	0	0	1	0
December	12.4	SE.	64	SW.	8	3	5	6	20	14	12	0	2	0	1	7	23	17	14	2	1	0	2	0	0	0	1	0
Year	8.5	SE.	64	SW.	13	121	88	44	148	138	94	30	66	3	76	105	185	167	129	7	5	2	32	0	0	12	11	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

SHERIDAN, WYO.

[ϕ=44° 48′ N.; λ=106° 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	26.056	26.451	25.726	11.5	18.8	29.8	4.1	17.0	53	−29	9	13	88	78	0.073	0.090	0.35	0.18	5.7	6.3	6.6
February	26.108	26.479	25.692	17.6	25.8	34.4	10.6	22.5	45	−21	14	19	85	75	.089	.108	1.92	.76	6.1	7.0	5.7
March	26.090	26.456	25.643	9.3	23.1	30.5	4.6	17.6	51	−16	7	17	91	75	.062	.098	.72	.22	5.3	6.0	5.0
April	25.982	26.297	25.556	33.2	51.6	56.3	31.4	43.8	73	24	29	28	84	46	.160	.157	1.23	.44	5.2	6.4	5.3
May	26.052	26.546	25.703	43.7	58.7	63.7	38.7	51.2	86	27	35	36	74	47	.210	.217	2.27	1.05	5.5	6.8	5.8
June	26.128	26.487	25.745	51.4	71.9	77.1	46.0	61.6	93	36	43	43	74	39	.283	.287	1.12	.40	4.6	5.7	4.8
July	26.138	26.420	25.867	55.5	72.9	78.3	52.0	65.2	93	43	51	51	84	49	.373	.375	4.42	1.36	5.4	6.3	6.5
August	26.088	26.332	25.729	51.1	73.2	78.6	48.6	63.6	89	41	46	48	84	45	.317	.345	1.18	.55	3.3	5.1	4.4
September	26.174	26.512	25.835	39.6	54.2	60.6	36.8	48.7	89	23	36	38	88	59	.216	.231	3.79	.90	7.8	7.6	7.3
October	26.124	26.456	25.674	32.8	44.9	55.3	27.9	41.6	73	19	27	31	80	60	.146	.173	1.64	.88	5.5	4.7	5.7
November	26.141	26.623	25.764	27.1	36.8	48.3	21.6	35.0	65	3	33	27	83	68	.118	.145	.49	.24	5.3	4.8	5.9
December	26.060	26.382	25.532	23.4	31.0	41.4	15.9	28.6	56	4	17	19	76	61	.094	.100	.21	.14	5.4	4.5	6.4
Year	26.095	26.623	25.532	33.0	46.9	54.5	28.2	41.4	93	−29	29	31	83	58	.178	.194	19.34	1.36	5.4	5.9	5.8

SHREVEPORT, LA.

[ϕ=32° 30′ N.; λ=93° 40′ W.]

January	29.876	30.298	29.384	36.7	46.2	52.3	32.1	42.2	74	13	32	33	82	61	0.200	0.207	1.76	0.69	5.6	5.0	6.0
February	29.787	30.326	29.204	38.1	49.4	56.4	34.2	45.3	77	14	32	33	77	54	.196	.194	2.38	.63	4.5	3.8	4.8
March	29.810	30.185	29.264	45.7	55.3	59.8	43.5	51.6	82	31	42	45	86	71	.287	.320	9.93	1.89	7.4	7.4	7.7
April	29.726	30.111	29.409	59.9	70.1	74.8	57.3	66.0	85	45	54	56	81	65	.438	.479	7.49	1.97	6.8	6.7	6.5
May	29.686	30.037	29.329	66.8	77.9	82.0	63.7	72.8	93	53	61	61	83	58	.554	.558	5.74	3.03	4.2	3.2	4.0
June	29.735	29.930	29.347	70.4	79.5	84.9	67.4	76.2	92	59	64	65	82	63	.618	.630	3.79	1.84	4.0	5.2	4.7
July	29.750	29.925	29.582	76.3	86.2	92.8	73.2	83.0	98	68	72	72	87	63	.783	.780	3.73	2.44	2.6	5.6	3.6
August	29.736	29.889	29.575	73.8	82.7	89.3	71.1	80.2	94	63	71	72	90	72	.755	.794	10.89	6.47	3.8	5.1	4.4
September	29.715	30.001	29.483	69.3	80.5	87.3	67.6	77.4	95	55	64	66	85	62	.625	.649	1.15	1.15	2.0	3.9	2.9
October	29.790	30.040	29.500	58.4	70.9	78.7	56.6	67.6	90	44	53	53	83	55	.422	.420	.90	.62	4.0	2.2	3.5
November	29.952	30.238	29.641	44.8	60.0	66.9	42.9	54.9	80	30	39	42	79	53	.253	.288	.50	.37	2.9	2.5	3.2
December	29.884	30.333	29.495	41.0	50.1	54.4	38.9	46.6	71	30	36	39	81	68	.219	.251	4.77	1.50	5.7	6.0	6.5
Year	29.787	30.333	29.204	56.8	67.4	73.3	54.0	63.6	98	13	52	53	83	62	.446	.464	53.03	6.47	4.5	4.7	4.8

SIOUX CITY, IOWA.

[ϕ=42° 29′ N.; λ=96° 24′ W.]

January	28.901	29.480	28.368	2.3	7.9	14.0	−3.1	5.4	41	−35	0	4	87	84	0.054	0.061	0.99	0.32	4.7	5.7	5.5
February	28.849	29.260	28.349	14.8	23.1	27.0	11.6	19.3	43	−17	11	17	85	76	.081	.101	.98	.60	4.9	5.9	5.8
March	28.912	29.400	28.467	18.9	28.3	32.3	16.2	24.2	60	0	15	22	84	76	.093	.123	2.90	1.39	5.9	4.9	5.1
April	28.683	29.109	28.012	43.0	55.9	60.3	40.5	50.4	77	29	36	39	78	55	.222	.243	1.98	.89	5.8	5.2	5.4
May	28.650	29.167	28.195	54.8	68.4	73.5	51.3	62.4	90	36	47	47	76	49	.334	.334	2.76	1.73	5.4	4.5	5.1
June	28.829	29.211	28.204	59.8	73.4	76.8	56.9	66.8	96	46	51	52	74	49	.391	.398	3.49	1.08	5.2	3.6	4.9
July	28.767	29.133	28.468	67.6	80.8	85.1	64.5	74.8	100	52	60	59	78	50	.530	.519	3.68	1.87	5.5	3.0	3.9
August	28.715	29.042	28.458	63.2	77.3	82.0	60.7	71.4	97	53	58	62	84	60	.491	.568	7.03	4.31	4.7	2.7	3.5
September	28.790	29.263	28.461	54.1	63.1	69.2	51.4	60.3	93	33	49	52	84	68	.383	.421	3.57	1.21	5.9	3.7	4.8
October	28.802	29.212	28.277	43.7	56.7	64.1	41.2	52.6	87	26	37	38	78	51	.226	.241	1.58	1.49	3.7	2.2	2.8
November	28.829	29.375	28.419	32.4	43.7	50.9	29.6	40.2	70	13	26	28	77	55	.141	.156	1.03	1.03	4.9	1.6	3.3
December	28.743	29.250	28.211	23.8	32.2	39.3	19.0	29.2	56	1	18	21	79	63	.107	.115	.55	.50	4.4	3.4	3.6
Year	28.789	29.480	28.012	39.9	50.9	56.2	36.6	46.4	100	−35	34	37	80	61	.254	.273	30.54	4.31	5.1	3.9	4.5

SITKA, ALASKA.

[ϕ=—° —′ N.; λ=—° —′ W.]

January	29.673	30.373	29.045	.....	.....	42.2	31.0	36.6	55	16	.....	.....	.....	.....	.....	.....	3.18	.....	.....	.....	6.9
February	29.702	30.387	29.102	.....	.....	46.9	35.9	41.0	58	27	.....	.....	.....	.....	.....	.....	5.90	.....	.....	.....	7.5
March	29.953	30.343	29.413	.....	.....	47.7	31.4	39.6	57	21	.....	.....	.....	.....	.....	.....	4.99	.....	.....	.....	4.6
April	29.741	30.148	29.188	.....	.....	51.0	32.5	41.8	62	24	.....	.....	.....	.....	.....	.....	2.51	.....	.....	.....	6.2
May	29.819	30.124	29.407	.....	.....	59.6	42.9	51.2	80	34	.....	.....	.....	.....	.....	.....	3.66	.....	.....	.....	7.2
June	29.933	30.361	29.400	.....	.....	58.1	43.9	51.0	65	36	.....	.....	.....	.....	.....	.....	3.49	.....	.....	.....	8.5
July	30.015	30.532	29.798	.....	.....	61.9	48.4	55.2	79	43	.....	.....	.....	.....	.....	.....	3.84	.....	.....	.....	6.8
August	29.858	30.110	29.205	.....	.....	60.1	46.6	53.4	69	39	.....	.....	.....	.....	.....	.....	9.07	.....	.....	.....	9.5
September	29.844	30.434	29.453	.....	.....	59.3	45.6	52.4	71	37	.....	.....	.....	.....	.....	.....	8.27	.....	.....	.....	8.5
October	29.604	30.195	29.011	.....	.....	51.5	41.7	46.6	58	33	.....	.....	.....	.....	.....	.....	15.13	.....	.....	.....	9.0
November	29.509	30.291	28.906	.....	.....	45.7	34.2	40.0	53	26	.....	.....	.....	.....	.....	.....	9.22	.....	.....	.....	7.2
December	29.508	30.063	28.577	.....	.....	41.6	32.6	37.1	50	22	.....	.....	.....	.....	.....	.....	19.87	.....	.....	.....	9.0
Year	29.763	30.532	28.577	.....	.....	52.1	38.8	45.5	79	16	.....	.....	.....	.....	.....	.....	89.83	.....	.....	.....	7.6

Annual meteorological summary for the year ending December 31, 1912—Continued.

SHERIDAN, WYO.

[H=3,790 ft.; h_t=10 ft.; h_r=3 ft.; h_a=47 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	5.0	NW.	40	NW.	1	5	3	5	7	11	6	7	18	0	4	11	16	8	3	13	8	0	0	13	0	31	0	1
February	5.2	NW.	46	NW.	1	3	4	1	11	12	3	7	17	0	10	7	12	12	9	16	11	0	0	10	0	29	0	0
March	5.9	NW.	31	NW.	0	4	1	1	14	12	6	4	20	0	12	8	11	13	7	17	13	0	2	17	0	31	0	0
April	8.2	NW.	48	NW.	3	4	3	2	13	13	8	1	16	0	10	10	10	10	7	5	4	0	0	0	0	20	1	0
May	9.0	NW.	48	NW.	2	4	9	5	9	5	3	3	24	0	9	11	11	11	11	3	3	0	0	0	0	4	4	0
June	6.7	SE.	36	NE.	0	5	9	8	15	8	3	4	8	0	13	9	8	8	4	0	0	2	0	0	6	0	13	0
July	5.2	NW.	40	NW.	1	6	10	4	8	9	9	5	11	0	6	12	13	11	10	0	0	3	0	0	2	0	9	0
August	5.3	SE.	34	SE.	0	8	8	3	11	12	9	4	7	0	15	8	8	11	7	0	0	0	0	0	0	0	9	0
September	6.0	NW.	35	SW.	0	5	7	2	12	7	7	1	19	0	6	5	19	15	11	5	4	1	1	0	0	7	1	0
October	6.1	NW.	38	NW.	0	6	3	2	8	14	6	4	19	0	11	8	12	8	7	7	4	0	0	0	0	24	0	0
November	4.5	SE.	38	NW.	0	5	2	0	14	10	11	4	14	0	6	13	11	6	3	4	3	0	1	1	0	29	0	0
December	8.2	NW.	56	W.	4	3	4	0	10	13	7	4	21	0	7	9	15	8	1	15	7	0	0	5	0	31	0	0
Year	6.3	NW.	56	W.	12	58	63	33	132	126	78	48	194	0	109	111	146	121	80	85	57	6	4	46	8	206	37	1

SHREVEPORT, LA.

[H=249 ft.; h_t=68 ft.; h_r=59 ft.; h_a=74 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.2	NW.	23	NW.	0	5	7	11	10	11	2	1	15	0	9	7	15	6	5	2	1	0	0	3	0	16	0	0
February	7.3	NW.	30	SE.	0	5	7	7	7	11	4	3	14	0	13	6	10	10	9	0	0	1	0	1	0	11	2	0
March	7.4	SE.	26	W.	0	6	7	9	15	11	3	2	9	0	4	5	22	15	13	0	0	0	1	0	0	1	4	0
April	6.7	SE.	23	NW.	0	6	3	11	20	12	2	2	4	0	7	7	16	12	11	0	0	1	0	0	0	0	9	0
May	6.0	SE.	28	NW.	0	2	5	8	24	13	2	2	6	0	18	5	8	8	5	0	0	0	0	0	5	0	5	0
June	5.8	E.	21	S.	0	7	14	14	8	14	2	0	1	0	11	12	7	11	7	0	0	0	0	0	5	0	7	0
July	4.6	SE.	24	SE.	0	1	3	8	27	17	4	2	0	0	16	14	1	7	5	0	0	0	0	0	27	0	9	0
August	4.5	SE.	35	N.	0	0	4	8	33	11	4	1	1	0	16	8	7	9	9	0	0	1	0	0	19	0	8	0
September	4.7	NE.	26	N.	0	7	21	11	15	1	3	1	1	0	22	5	3	1	1	0	0	0	0	0	17	0	6	0
October	4.8	NE.	29	NW.	0	3	22	11	18	4	0	1	3	0	19	6	6	5	5	0	0	0	0	0	1	0	2	0
November	5.2	SE.	18	N.	0	8	11	10	16	5	0	0	9	1	18	9	3	4	4	0	0	0	1	0	0	1	0	0
December	5.1	SE.	23	NW.	0	10	11	7	15	4	4	2	9	0	8	7	16	13	11	0	0	0	2	0	0	3	0	0
Year	5.7	SE.	35	N.	0	60	115	115	208	114	30	17	72	1	161	91	114	101	85	2	1	3	4	4	74	32	52	0

SIOUX CITY, IOWA.

[H=1,135 ft.; h_t=94 ft.; h_r=86 ft.; h_a=164 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	11.7	NW.	52	NW.	4	10	5	2	5	13	2	3	20	2	11	11	9	12	5	15	11	0	3	26	0	31	0	0
February	11.6	NW.	41	N.	2	12	4	2	6	10	1	1	22	0	12	6	11	9	3	11	9	0	2	20	0	29	0	0
March	10.9	S.	36	NW.	0	10	6	5	11	12	3	2	11	2	12	8	11	9	7	13	9	0	0	18	0	29	1	0
April	13.9	SE.	48	S.	3	9	4	6	13	15	1	2	9	1	9	10	11	8	6	1	0	1	0	0	0	2	4	0
May	12.3	N.	43	SW.	3	12	5	5	10	8	2	7	10	3	12	10	9	10	7	0	0	1	0	0	1	0	8	0
June	9.6	SE.	36	S.	0	12	4	6	15	10	3	1	7	2	13	9	8	10	9	0	0	1	0	0	6	0	5	0
July	10.9	SE.	40	NW.	1	13	7	3	18	13	1	1	4	2	15	12	4	12	9	0	0	0	0	0	11	0	11	0
August	9.9	NW.	41	NW.	1	8	6	7	11	10	4	5	10	1	19	7	5	13	9	0	0	1	0	0	5	0	10	0
September	11.2	NW.	40	W.	2	8	5	2	15	11	1	5	13	0	11	12	7	12	10	0	0	0	0	0	3	0	6	0
October	12.9	S.	48	S.	5	5	7	1	14	13	3	1	17	1	22	4	5	4	3	0	0	0	1	0	0	4	1	0
November	12.1	NW.	48	NW.	2	5	2	1	10	15	1	2	22	2	18	9	3	1	1	3	0	0	0	1	0	20	1	0
December	13.4	NW.	47	N.	3	2	1	1	7	12	7	7	25	0	18	7	6	2	2	4	2	0	1	7	0	30	0	0
Year	11.7	NW.	52	NW.	26	106	56	41	135	142	29	37	170	16	172	105	89	102	71	47	31	4	7	72	26	145	47	0

SITKA, ALASKA.

[H=——ft.; h_t=——ft.; h_r=——ft.; h_a=——ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	.....	NE.	....	.....	....	8	13	8	1	0	0	1	0	0	9	4	18	14	9	2	0	0	0	2	0	20	0	0
February	.....	E.	....	.....	....	3	5	12	3	0	2	2	2	0	4	5	20	12	15	2	0	0	0	0	0	10	0	0
March	.....	W.	....	.....	....	5	4	6	1	0	4	7	1	3	14	3	14	13	12	1	0	0	1	0	0	17	0	0
April	.....	W.	....	.....	....	1	4	5	1	1	5	9	2	2	8	8	14	13	12	7	0	0	0	0	0	12	0	0
May	.....	W.	....	.....	....	2	3	6	0	3	5	8	2	2	5	8	18	12	11	1	0	1	1	0	0	0	0	0
June	.....	W.	....	.....	....	0	0	3	0	1	3	13	0	10	3	4	23	20	17	0	0	0	0	0	0	0	0	0
July	.....	W.	....	.....	....	0	0	0	0	1	4	14	3	9	9	4	18	17	13	0	0	0	0	0	0	0	0	0
August	.....	SW.	....	.....	....	1	0	3	1	2	6	2	5	11	0	2	29	24	21	0	0	0	0	0	0	0	0	0
September	.....	SW.	....	.....	....	1	0	3	7	4	4	2	3	6	2	6	22	24	21	0	0	0	6	0	0	0	0	0
October	.....	SW.	....	.....	....	1	3	9	10	1	0	1	1	5	2	3	26	23	20	0	0	0	0	0	0	0	0	0
November	.....	E.	....	.....	....	2	2	15	3	0	2	1	0	5	7	3	20	22	20	2	0	4	0	0	0	8	0	0
December	.....	E.	....	.....	....	0	0	8	3	2	0	6	2	10	0	5	26	27	26	10	0	0	0	2	0	14	0	0
Year	.....	E.	....	.....	....	24	34	78	30	15	35	66	21	63	63	55	248	228	197	25	0	5	8	4	0	81	0	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

SOUTHEAST FARALLON ISLAND, CAL.

[ϕ=37° 42′ N.; λ=123° 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	30.091	30.295	29.755	.....	53.2	54.7	49.6	52.2	61	44	....	49	....	86	.....	0.348	1.97	0.81	.....	5.5	6.2
February	30.130	30.316	29.717	.....	52.5	54.3	49.7	52.0	59	42	....	49	....	88	.....	.345	.52	.28	.....	5.3	5.2
March	29.945	30.270	29.536	.....	51.6	53.7	48.3	51.0	56	45	....	44	....	77	.....	.293	1.85	1.06	.....	5.9	5.5
April	30.041	30.221	29.626	.....	51.2	52.9	48.3	50.6	59	43	....	45	....	80	.....	.299	1.24	.63	.....	5.1	4.3
May	29.996	30.156	29.681	.....	53.6	54.7	50.3	52.5	59	46	....	49	....	86	.....	.350	1.40	.58	.....	5.2	4.3
June	29.957	30.125	29.837	.....	55.1	56.3	51.9	54.1	66	47	....	51	....	88	.....	.381	1.97	1.78	.....	4.4	4.3
July	29.986	30.050	29.822*	.....	55.9	57.0	52.5	54.8	63	48	....	53	....	89	.....	.399	.01	.01	.....	4.5	5.2
August	29.957	30.065	29.842	.....	56.5	57.3	53.1	55.2	63	50	....	53	....	88	.....	.403	0	0	.....	3.2	3.9
September	29.948	29.996	29.778	.....	58.9	60.4	55.4	57.9	79	52	....	56	....	90	.....	.449	1.74	1.70	.....	3.9	5.3
October	29.996	30.103	29.598	.....	53.4	54.6	50.9	52.8	62	47	....	50	....	89	.....	.360	.40	.17	.....	2.1	2.9
November	30.094	30.291	29.835	.....	55.2	57.8	52.8	55.3	63	48	....	51	....	87	.....	.377	1.33	.42	.....	4.5	5.1
December	30.203	30.409	29.895	.....	52.1	53.9	49.7	51.8	58	47	....	47	....	84	.....	.324	.88	.62	.....	4.6	5.2
Year	30.029	30.409	29.536	.....	54.1	55.6	51.0	53.4	79	42	....	50	....	86	.....	.361	13.31	1.78	.....	4.5	4.8

SPOKANE, WASH.

[ϕ=47° 40′ N.; λ=117° 25′ W.]

January	28.030	28.498	27.462	24.1	30.0	32.8	20.5	26.6	51	−12	22	25	89	82	0.130	0.146	2.31	0.86	8.3	8.0	8.1
February	28.073	28.497	27.590	31.3	39.9	41.7	28.7	35.2	51	18	28	30	89	67	.158	.166	1.78	.50	5.9	7.7	7.2
March	27.924	28.251	27.564	31.2	45.5	47.1	29.5	38.3	65	18	24	24	72	44	.129	.133	.57	.40	5.5	6.2	5.7
April	27.860	28.117	27.362	40.0	56.0	58.2	38.1	48.2	74	30	35	32	81	43	.203	.184	.94	.48	6.8	8.0	7.2
May	27.946	28.310	27.529	46.5	65.1	67.9	45.2	56.6	82	37	40	37	80	40	.252	.225	2.18	1.45	4.8	6.4	5.5
June	27.931	28.186	27.599	54.3	75.3	77.4	52.5	65.0	98	43	45	42	73	34	.312	.271	.80	.33	5.0	5.8	5.2
July	27.954	28.207	27.655	56.1	77.1	78.7	54.5	66.6	94	43	48	43	74	34	.333	.284	1.30	.45	4.4	5.8	5.3
August	27.925	28.127	27.598	54.6	73.4	75.5	53.0	64.2	92	46	46	42	74	37	.315	.272	2.06	1.24	5.6	6.2	5.8
September	28.015	28.334	27.626	45.7	65.9	68.0	43.9	56.0	80	35	39	38	79	36	.244	.231	.84	.46	3.0	4.6	4.5
October	28.012	28.379	27.436	38.8	51.2	54.1	36.3	45.2	72	28	34	34	84	55	.198	.200	1.61	.66	4.4	6.0	6.0
November	28.020	28.493	27.538	37.6	43.1	45.9	34.6	40.2	58	21	32	35	83	74	.186	.205	2.29	.56	6.8	8.9	8.5
December	28.042	28.491	27.240	30.5	34.8	37.2	27.1	32.2	49	17	26	29	84	78	.140	.157	1.53	.49	7.5	7.7	7.5
Year	27.978	28.498	27.240	40.9	54.8	57.0	38.7	47.9	98	−12	35	34	80	52	.217	.206	18.21	1.45	5.7	6.8	6.4

SPRINGFIELD, ILL.

[ϕ=39° 48′ N.; λ=89° 39′ W.]

January	29.435	29.925	28.987	12.1	17.9	22.2	8.2	15.2	46	−19	8	11	81	74	0.067	0.086	1.08	0.72	5.7	5.3	6.3
February	29.358	29.745	28.652	20.4	26.4	30.8	17.4	24.1	52	− 9	17	18	84	70	.102	.107	1.56	.78	6.6	7.0	7.3
March	29.443	29.945	28.832	27.0	35.0	39.4	24.8	32.1	72	10	24	28	86	76	.131	.165	4.21	1.55	6.4	6.4	7.2
April	29.284	29.725	28.889	47.8	57.6	64.6	44.6	54.6	78	32	41	44	77	61	.265	.299	5.39	1.33	5.6	5.6	5.6
May	29.226	29.555	28.725	60.6	70.1	76.6	56.2	66.4	88	44	53	55	77	61	.416	.452	4.40	1.22	5.5	5.2	5.2
June	29.359	29.672	28.859	64.5	73.2	80.1	59.4	69.8	90	45	55	56	73	57	.453	.465	3.13	1.60	5.0	6.1	5.0
July	29.337	29.594	29.128	71.3	80.0	87.3	67.2	77.2	97	57	65	66	81	65	.628	.658	4.47	2.97	4.8	5.2	5.0
August	29.282	29.584	29.015	67.9	76.4	83.7	64.6	74.2	94	51	62	63	82	66	.573	.606	2.87	1.07	4.5	5.3	4.8
September	29.348	29.723	29.154	61.6	70.3	78.1	58.4	68.2	96	39	56	57	82	64	.479	.502	1.42	.90	3.7	4.5	4.0
October	29.393	29.721	29.017	48.8	59.9	67.8	46.4	57.1	86	33	43	45	80	59	.290	.322	3.49	1.33	4.4	3.6	3.8
November	29.418	29.840	29.031	37.1	45.4	51.9	34.8	43.4	73	22	31	33	77	61	.179	.197	1.48	1.09	2.8	4.0	4.1
December	29.353	29.873	28.879	30.2	36.3	43.3	25.9	34.6	60	8	23	24	73	60	.128	.140	.31	.17	4.7	3.3	4.3
Year	29.353	29.945	28.652	45.8	54.0	60.5	42.3	51.4	97	−19	40	42	79	64	.309	.333	33.81	2.97	5.0	5.1	5.2

SPRINGFIELD, MO.

[ϕ=37° 12′ N.; λ=93° 18′ W.]

January	28.677	29.103	28.212	18.6	26.4	32.8	14.6	23.7	63	−15	17	22	92	84	0.106	0.134	1.00	0.44	3.6	4.4	4.9
February	28.617	29.068	28.073	24.7	31.6	37.9	21.0	29.4	58	− 4	22	23	90	73	.127	.128	2.84	2.02	4.9	4.9	5.3
March	28.643	29.099	28.077	32.5	42.1	46.2	29.5	37.8	75	14	29	34	88	76	.172	.209	4.47	1.22	6.4	6.0	6.3
April	28.562	28.982	28.173	49.7	59.4	64.7	46.1	55.4	79	32	44	42	81	58	.297	.285	5.87	2.15	5.4	4.9	4.8
May	28.520	28.847	28.049	60.5	71.6	77.1	56.9	67.0	87	42	53	53	78	54	.419	.416	2.85	.98	2.8	3.2	3.4
June	28.640	28.894	28.102	63.7	73.1	77.7	59.5	68.6	85	49	57	57	80	60	.475	.484	5.74	3.32	4.3	4.6	3.4
July	28.641	28.788	28.489	72.3	81.9	87.1	69.1	78.1	96	63	67	68	84	64	.665	.686	1.40	.71	3.4	3.5	3.1
August	28.597	28.827	28.416	68.6	81.0	86.2	66.4	76.3	94	53	64	63	84	56	.594	.592	3.00	1.88	2.8	2.6	2.5
September	28.637	28.963	28.372	61.0	71.4	78.6	58.8	68.7	97	39	55	55	82	58	.461	.451	4.13	2.09	3.0	3.6	3.2
October	28.670	28.990	28.392	52.0	62.7	70.1	49.2	59.6	85	32	45	46	76	56	.309	.328	3.39	1.66	4.0	3.2	3.0
November	28.741	29.133	28.376	40.1	48.9	55.8	37.1	46.4	73	23	34	31	80	52	.210	.181	1.85	1.85	2.4	2.2	2.2
December	28.673	29.166	28.196	31.7	38.9	45.7	27.4	36.6	63	14	25	24	75	55	.139	.136	.26	.13	3.5	2.5	4.0
Year	28.635	29.166	28.049	48.0	57.4	63.3	44.6	54.0	97	−15	43	43	82	62	.331	.336	36.80	3.32	3.9	3.8	3.8

Annual meteorological summary for the year ending December 31, 1912—Continued.

SOUTHEAST FARALLON ISLAND, CAL.

[H=30 ft.; h_t=9 ft.; h_r=3 ft.; h_a=17 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	13.6	S.	45	S.	2	4	1	0	0	12	1	2	11	0	10	6	15	13	9	0	0	0	6	0	0	0	1	0
February	16.2	NW.	60	NW.	6	1	0	0	0	6	2	0	20	0	9	11	9	6	3	0	0	0	6	0	0	0	0	0
March	14.7	NW.	58	SE.	6	1	0	1	1	3	5	2	18	0	10	9	12	8	6	0	0	0	1	0	0	0	0	0
April	17.2	NW.	53	NW.	5	0	0	0	1	3	5	3	18	0	14	8	8	9	5	0	0	0	0	0	0	0	0	0
May	16.7	NW.	50	NW.	9	0	0	0	1	5	4	5	16	0	15	9	7	6	5	0	0	0	4	0	0	0	0	0
June	17.4	NW.	52	NW.	4	0	0	0	3	2	2	4	19	0	13	11	6	2	2	0	0	0	9	0	0	0	0	0
July	13.6	NW.	46	NW.	2	0	0	0	1	1	3	5	21	0	11	9	11	1	0	0	0	0	12	0	0	0	0	0
August	17.1	NW.	49	NW.	6	0	0	0	0	3	1	3	24	0	14	12	5	0	0	0	0	0	12	0	0	0	0	0
September	10.6	NW.	46	NW.	1	0	0	0	0	2	5	2	21	0	10	9	11	4	2	0	0	0	14	0	0	0	0	0
October	16.1	NW.	56	NW.	4	0	0	0	0	5	1	1	24	0	19	9	3	5	4	0	0	0	7	0	0	0	0	0
November	11.1	NW.	41	NW.	2	3	1	1	2	4	2	1	15	1	13	5	12	9	9	0	0	0	7	0	0	0	0	0
December	14.3	NW.	56	NW.	4	2	0	4	3	1	3	2	16	0	13	5	13	8	6	0	0	0	7	0	0	0	0	0
Year	14.9	NW.	60	NW.	51	11	2	6	12	47	34	30	223	1	151	103	112	71	51	0	0	0	85	0	0	0	1	0

SPOKANE, WASH.

[H=1,929 ft.; h_t=101 ft.; h_r=94 ft.; h_a=110 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	4.2	SW.	30	SW.	0	10	11	5	1	7	13	3	8	4	3	7	21	14	11	15	7	0	6	13	0	25	0	0
February	4.6	S.	27	SW.	0	7	11	5	1	14	7	8	4	1	4	10	15	11	8	11	5	0	1	0	0	18	0	0
March	5.7	NE.	28	SW.	0	2	18	9	1	9	8	5	6	4	7	13	11	7	4	9	4	0	1	1	0	19	0	0
April	5.9	SW.	22	S.	0	1	3	4	9	11	21	3	4	4	3	10	17	8	5	1	0	2	0	0	0	2	2	0
May	6.4	SW.	24	SW.	0	6	3	9	3	13	14	7	5	2	7	12	12	9	7	0	0	0	0	0	0	0	1	0
June	6.0	SW.	48	SW.	1	3	7	1	8	11	13	4	7	6	11	9	10	9	6	0	0	1	1	0	6	0	3	0
July	5.6	SW.	35	SW.	0	7	9	8	3	9	16	2	5	3	9	14	8	10	8	0	0	1	0	0	2	0	3	0
August	5.9	SW.	25	SW.	0	2	13	6	2	9	19	6	5	0	9	10	12	10	8	0	0	0	0	0	2	0	0	0
September	4.6	N.	25	SW.	0	10	8	9	8	7	4	4	2	8	14	6	10	6	4	0	0	0	0	0	0	0	0	0
October	5.5	NE.	39	SW.	0	6	14	4	3	8	11	6	6	4	7	12	12	9	7	1	1	0	3	0	0	8	0	0
November	5.8	SW.	24	S.	0	5	7	4	3	12	18	3	6	2	1	6	23	14	11	3	2	0	1	0	0	8	0	0
December	8.1	SW.	40	W.	1	4	9	2	2	13	20	4	8	0	6	5	20	14	9	13	8	0	3	5	0	27	0	0
Year	5.7	SW.	48	SW.	2	63	113	66	44	123	164	55	66	38	81	114	171	121	88	53	27	4	16	19	10	107	9	0

SPRINGFIELD, ILL.

[H=644 ft.; h_t=10 ft.; h_r=4 ft.; h_a=91 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.9	NW.	29	W.	0	9	4	4	4	5	8	9	19	0	8	8	15	7	5	8	5	0	1	23	0	30	2	0
February	9.8	NW.	31	N.	0	5	8	1	3	10	5	14	12	0	3	11	15	8	6	12	5	0	0	17	0	25	0	0
March	9.2	NE.	30	NE.	0	8	14	10	7	6	2	3	12	0	2	12	17	12	11	13	6	1	1	9	0	25	2	0
April	10.7	S.	48	S.	1	5	3	5	6	15	6	8	12	0	9	12	9	10	9	2	0	1	0	0	0	0	8	0
May	9.2	S.	30	S.	0	3	4	4	10	24	4	6	6	1	9	14	8	13	11	0	0	1	0	0	0	0	11	0
June	7.1	S.	29	SE.	0	10	6	9	6	11	5	7	6	0	11	12	7	11	10	0	0	1	0	0	1	0	12	0
July	7.2	S.	34	NW.	0	13	3	7	2	19	9	3	6	0	9	17	5	7	7	0	0	0	0	0	12	0	11	0
August	7.4	SW.	40	SW.	1	2	6	8	5	14	12	10	5	0	14	7	10	14	11	0	0	0	0	0	10	0	8	0
September	6.3	S.	20	W.	0	7	3	8	10	12	5	7	7	1	15	7	8	7	6	0	0	0	0	0	9	0	4	0
October	7.8	S.	26	W.	0	4	4	1	9	21	7	6	10	0	17	8	6	11	11	0	0	0	0	0	0	0	4	0
November	9.8	S.	33	NW.	0	1	0	1	0	19	15	14	10	0	12	12	6	4	3	3	0	0	0	0	0	13	1	0
December	10.7	S.	33	SW.	0	0	0	0	4	21	14	11	12	0	14	9	8	5	2	3	0	0	0	3	0	27	0	0
Year	8.8	S.	48	S.	2	67	55	58	66	177	92	98	117	2	123	129	114	109	92	41	16	4	2	52	32	120	63	0

SPRINGFIELD, MO.

[H=1,324 ft.; h_t=98 ft.; h_r=6 ft.; h_a=104 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	10.8	NW.	35	SE.	0	6	8	3	11	7	6	4	16	1	12	11	8	5	4	8	4	0	2	14	0	28	1	0
February	10.9	NW.	44	NW.	3	4	12	1	8	7	4	6	16	0	11	6	12	10	7	9	6	1	0	7	0	23	2	0
March	11.1	SE.	32	W.	0	8	12	4	20	3	4	3	8	0	9	6	16	14	12	11	8	0	0	6	0	21	1	0
April	12.5	SE.	44	SE.	2	2	5	3	18	10	3	5	14	0	14	7	9	13	12	1	1	2	1	0	0	1	6	0
May	11.0	S.	46	NW.	1	2	4	2	17	17	8	3	9	0	19	9	3	7	6	0	0	2	0	0	0	0	7	0
June	8.6	SE.	38	NW.	0	6	9	7	19	6	5	3	5	0	17	8	5	8	7	0	0	0	0	0	0	0	9	0
July	8.3	S.	35	N.	0	3	6	7	17	21	5	2	1	0	20	9	2	9	5	0	0	0	0	0	8	0	11	0
August	8.6	S.	34	NW.	0	0	4	4	10	20	15	4	4	1	23	2	6	5	5	0	0	1	0	0	11	0	8	0
September	8.3	SE.	30	SE.	0	9	6	6	18	11	1	1	8	0	20	5	5	7	6	0	0	0	1	0	10	0	7	0
October	9.6	S.	27	NW.	0	6	4	8	21	14	0	1	8	0	20	6	5	8	5	1	0	0	0	0	0	1	4	0
November	11.3	S.	38	SW.	0	7	1	1	12	17	4	6	12	0	24	1	5	1	1	2	0	0	0	0	0	9	1	0
December	10.9	S.	32	SE.	0	3	1	2	11	15	8	9	13	0	18	4	9	2	2	2	0	0	0	1	0	23	0	0
Year	10.2	SE.	46	NW.	6	56	72	48	182	148	63	47	114	2	207	74	85	89	72	34	19	6	4	28	29	106	57	0

Annual meteorological summary for the year ending December 31, 191?—Continued.

SYRACUSE, N. Y.

[ϕ=43° 2′ N.; λ=76° 10′ 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	29.353	29.931	28.671	12.8	.....	22.5	7.7	15.1	48	−13	8	....	82	....	0.069	.....	1.53	0.47	7.8	.....	7.0
February	29.292	29.828	28.335	16.8	.....	26.3	12.4	19.4	47	−10	13	....	84	....	.081	.....	2.13	1.17	8.7	.....	6.9
March	29.482	30.030	28.811	24.2	.....	34.7	19.4	27.0	58	− 3	19	....	80	....	.110	.....	3.34	.65	6.1	.....	6.1
April	29.351	29.853	28.836	40.9	.....	52.2	34.4	43.3	75	20	34	....	77	....	.207	.....	3.66	.68	6.7	.....	6.2
May	29.302	29.584	28.899	55.9	59.2	67.0	48.5	57.8	84	34	46	46	71	64	.327	0.322	3.22	.77	6.1	6.6	5.5
June	29.391	29.745	29.129	61.1	65.4	71.8	53.9	62.8	85	42	48	49	62	57	.341	.363	.55	.33	3.7	3.8	4.6
July	29.382	29.701	28.973	67.7	71.4	79.9	61.5	70.7	93	46	57	56	70	59	.487	.469	3.16	1.17	4.8	5.3	4.4
August	29.322	29.569	28.894	62.1	65.1	71.8	57.3	64.6	85	45	56	55	79	71	.450	.445	2.97	.69	6.8	5.0	6.3
September	29.420	29.764	29.142	59.7	62.2	70.4	54.2	62.3	85	36	55	56	85	80	.445	.461	5.59	1.97	6.5	4.6	6.3
October	29.404	29.796	29.075	50.2	53.0	60.8	44.2	52.5	78	29	43	42	76	66	.285	.272	1.67	.60	5.2	4.7	5.4
November	29.334	29.869	28.844	39.4	41.4	48.0	35.8	41.9	68	24	33	32	77	71	.192	.185	2.95	1.16	7.5	7.0	7.4
December	29.328	29.928	28.857	31.4	34.1	40.0	26.5	33.2	63	11	26	25	78	70	.141	.137	1.90	.47	6.4	7.4	7.0
Year	29.363	30.030	28.335	43.5	.....	53.8	38.0	45.9	93	−13	36	....	77	....	.261	.....	32.67	1.97	6.4	.....	6.1

TACOMA, WASH.

[ϕ=47° 16′ N.; λ=122° 23′ W.]

January	29.811	30.210	29.156	39.0	44.5	47.1	36.3	41.7	57	21	38	40	94	86	0.231	0.257	7.12	1.61	7.8	8.7	7.8
February	29.908	30.286	29.508	39.9	46.8	48.9	37.3	43.1	56	28	38	38	92	74	.228	.237	3.84	.77	6.3	7.3	7.1
March	29.786	30.185	29.331	37.5	49.3	51.4	35.4	43.4	66	29	33	32	84	55	.188	.188	1.94	.57	5.3	5.1	5.0
April	29.781	29.991	29.081	42.3	52.8	55.1	40.7	47.9	64	33	39	38	88	58	.237	.227	2.51	.51	7.1	8.7	7.9
May	29.849	30.123	29.425	48.3	62.8	65.7	47.3	56.5	87	40	44	43	86	52	.290	.284	1.74	.56	5.8	5.9	5.8
June	29.825	30.153	29.519	51.8	67.0	69.2	50.5	59.8	89	45	47	47	86	53	.331	.335	2.25	.62	5.9	6.5	6.0
July	29.838	30.018	29.637	54.8	70.4	72.4	54.1	63.2	92	47	52	52	90	54	.386	.387	1.21	.53	5.4	5.1	5.3
August	29.792	29.970	29.404	54.6	68.6	70.3	53.4	61.8	85	45	52	52	91	57	.389	.387	3.44	1.33	6.8	4.6	6.1
September	29.827	30.045	29.386	51.4	65.2	67.2	49.0	58.1	78	42	46	47	87	54	.322	.325	1.38	.42	4.7	4.9	5.0
October	29.835	30.133	29.212	44.5	53.5	56.1	42.1	49.1	65	33	42	44	90	70	.267	.287	3.49	.87	6.0	6.3	6.6
November	29.821	30.281	29.319	43.2	48.3	50.8	39.9	45.4	61	31	40	43	91	82	.254	.277	7.89	1.47	7.9	8.6	8.4
December	29.918	30.435	29.118	39.1	42.3	45.2	35.9	40.6	53	29	36	39	90	87	.216	.235	6.77	1.61	6.7	7.3	8.1
Year	29.833	30.435	29.081	45.5	56.0	58.3	43.5	50.9	92	21	42	43	89	65	.278	.286	43.58	1.61	6.3	6.6	6.6

TAMPA, FLA.

[ϕ=27° 57′ N.; λ=82° 27′ W.]

January	30.049	30.348	29.835	54.8	59.7	67.3	51.5	59.4	78	34	51	55	88	84	0.402	0.449	6.17	1.70	6.5	4.6	6.8
February	30.005	30.238	29.599	51.4	57.1	65.0	47.4	56.2	84	34	47	50	84	77	.344	.377	1.64	.54	5.7	4.1	5.1
March	30.053	30.322	29.819	63.6	69.1	78.4	59.5	69.0	87	48	59	61	86	76	.519	.548	4.66	1.68	4.7	4.7	5.1
April	30.043	30.316	29.870	70.7	74.6	82.9	65.7	74.3	90	54	65	66	83	75	.630	.648	1.31	.88	5.6	4.5	4.8
May	29.965	30.169	29.796	75.9	77.6	86.0	70.4	78.2	91	65	70	70	83	77	.739	.726	4.06	2.05	5.1	5.3	5.0
June	29.988	30.182	29.775	77.6	77.6	86.1	72.8	79.4	94	69	72	72	84	83	.794	.776	13.47	2.97	5.5	7.6	6.6
July	30.017	30.207	29.768	80.1	79.7	89.7	74.2	82.0	94	70	74	73	81	82	.834	.822	6.96	1.40	3.6	5.8	5.0
August	30.026	30.133	29.927	79.9	80.5	90.1	73.9	82.0	94	69	74	73	82	78	.834	.809	4.93	1.81	2.2	6.7	4.8
September	29.934	30.112	29.764	78.0	79.2	88.1	73.5	80.8	96	70	74	74	89	84	.852	.831	18.93	6.09	4.4	6.3	5.9
October	29.945	30.115	29.818	71.8	75.9	84.6	69.0	76.8	91	61	68	67	88	75	.695	.672	1.50	.58	3.5	3.3	4.0
November	30.086	30.294	29.751	58.4	64.8	73.5	55.5	64.5	83	43	52	54	79	70	.409	.443	2.40	1.45	2.1	3.0	3.2
December	30.085	30.293	29.880	59.8	65.6	73.8	57.2	65.5	82	41	56	59	88	79	.476	.515	1.16	.56	5.4	4.0	5.1
Year	30.016	30.348	29.599	68.5	71.8	80.5	64.2	72.3	96	34	64	64	85	78	.627	.635	67.19	6.09	4.5	5.0	5.1

TANANA, ALASKA.

[ϕ=—° —′ N.; λ=—° —′ W.]

January	.....	30.484	29.045	.....	10.3	6.2	−6.8	−0.3	24	−23	....	....	....	....	.....	.....	0.08	0.06	....	....	....
February	.....	30.114	28.954	.....	10.4	11.3	−4.2	3.6	25	−43	....	....	....	....	.....	.....	.65	.30	....	....	....
March	.....	30.237	29.082	.....	19.6	26.2	8.1	17.2	39	−24	....	....	....	....	.....	.....	1.16	.28	....	....	....
April	.....	29.971	29.069	.....	37.2	42.7	19.1	30.9	58	−16	....	....	....	....	.....	.....	.02	.02	....	....	....
May	.....	29.861	28.965	.....	54.3	59.3	36.1	47.7	75	22	....	....	....	....	.....	.....	1.18	.46	....	....	....
June	.....	29.943	29.212	.....	58.8	63.6	41.4	52.0	81	27	....	....	....	....	.....	.....	2.06	.88	....	....	....
July	.....	30.021	29.233	.....	63.1	68.6	48.1	58.4	84	36	....	....	....	....	.....	.....	1.59	.34	....	....	....
August	.....	29.830	29.097	.....	55.7	62.5	43.4	53.0	74	34	....	....	....	....	.....	.....	3.24	.66	....	....	....
September	.....	29.964	28.998	.....	43.9	51.1	34.4	42.8	68	20	....	....	....	....	.....	.....	1.15	.42	....	....	....
October	.....	29.833	28.862	.....	25.5	32.1	18.9	25.5	52	−15	....	....	....	....	.....	.....	.87	.24	....	....	....
November	.....	29.919	28.758	.....	5.1	12.1	−1.1	5.5	26	−18	....	....	....	....	.....	.....	.08	.04	....	....	....
December	.....	29.767	28.962	.....	−11.3	−4.6	−18.6	−10.6	24	−46	....	....	....	....	.....	.....	.36	.06	....	....	....
Year	.....	30.484	28.758	.....	31.0	35.9	18.4	27.1	84	−46	....	....	....	....	.....	.....	12.44	.88	....	....	....

Annual meteorological summary for the year ending December 31, 1912—Continued.

SYRACUSE, N. Y.

[H=597 ft.; h_t=97 ft.; h_r=65 ft.; h_a=113 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Aurorae.
	Miles.		*Mi.*																									
January	13.3	W.	52	NW.	4	7	1	8	4	11	12	15	4	0	2	15	14	23	11	26	21	0	0	25	0	31	0	0
February	12.8	W.	60	W.	3	1	1	6	3	10	11	23	3	0	6	9	14	16	11	19	14	0	0	18	0	28	1	0
March	10.9	NW.	40	S.	2	2	3	8	5	9	9	11	15	0	7	12	12	16	14	14	10	0	0	13	0	28	1	0
April	14.2	NW.	50	S.	6	4	1	8	5	11	5	11	15	0	7	9	14	18	14	8	6	0	1	2	0	13	3	0
May	11.7	S.	39	NW.	0	2	4	6	4	16	10	8	12	0	12	5	14	14	11	0	0	1	0	0	0	0	9	0
June	10.9	NW.	38	S.	0	5	4	3	3	10	9	16	10	0	13	10	7	6	3	0	0	0	0	0	0	0	2	0
July	8.5	S.	37	SW.	0	6	4	1	1	21	8	9	12	0	12	17	2	14	8	0	0	0	0	0	6	0	10	0
August	9.4	S.	37	NW.	0	2	2	4	6	14	12	13	9	0	4	17	10	12	11	0	0	0	0	0	0	0	4	0
September	8.6	S.	48	W.	1	5	4	3	7	23	7	5	6	0	5	10	15	15	11	0	0	0	0	0	0	0	5	0
October	11.9	S.	38	NW.	0	3	0	4	3	22	9	12	9	0	10	9	12	13	9	0	0	0	0	0	0	1	2	0
November	13.0	SW.	46	S.	1	1	0	3	1	15	15	16	8	1	3	10	17	14	7	14	6	0	0	1	0	14	0	0
December	15.1	S.	50	S.	3	3	0	3	4	20	15	13	4	0	6	9	16	15	10	14	7	0	0	7	0	23	0	0
Year	11.7	S.	60	W.	20	41	24	57	46	182	122	152	107	1	87	132	147	176	120	95	64	1	1	66	6	138	37	0

TACOMA, WASH.

[H=213 ft.; h_t=113 ft.; h_r=104 ft.; h_a=120 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Aurorae.
January	5.0	SW.	28	SW.	0	12	6	2	4	16	15	3	3	1	4	7	20	20	17	3	3	0	6	1	0	8	0	0
February	5.5	SW.	24	NE.	0	11	1	1	2	10	23	1	7	2	4	8	17	16	15	0	0	0	6	0	0	6	0	0
March	6.3	N.	29	SW.	0	26	4	3	4	1	13	5	3	3	12	9	10	10	6	3	0	1	1	0	0	5	0	0
April	5.3	SW.	23	SW.	0	12	1	0	4	8	21	4	6	4	2	8	20	15	10	0	0	1	2	0	0	0	1	0
May	5.5	N.	27	W.	0	21	1	0	0	6	15	10	4	5	8	11	12	10	8	0	0	0	0	0	0	0	1	0
June	6.2	N.	21	NE.	0	19	3	0	0	5	12	13	3	5	8	9	13	11	8	0	0	0	0	0	0	0	5	0
July	5.2	N.	20	SW.	0	17	0	0	0	5	14	8	9	9	13	5	13	6	4	0	0	0	0	0	1	0	2	0
August	5.5	N.	26	SW.	0	22	0	0	1	5	15	13	1	5	6	12	13	8	8	0	0	0	2	0	0	0	1	0
September	5.3	N.	31	NE.	0	18	3	5	1	4	11	6	7	5	11	11	8	6	5	0	0	0	4	0	0	0	0	0
October	5.5	SW.	29	SW.	0	14	3	4	5	7	21	5	1	2	6	9	16	15	14	0	0	0	4	0	0	0	0	0
November	6.0	SW.	27	SW.	0	8	2	3	5	12	21	6	2	1	1	6	23	20	19	0	0	0	2	0	0	2	0	0
December	7.4	SW.	34	SW.	0	2	4	2	12	12	25	3	0	2	1	9	21	19	15	3	2	0	8	0	0	4	0	0
Year	5.7	SW.	34	SW.	0	182	28	20	38	91	206	77	46	44	76	104	186	156	129	9	5	2	35	1	1	25	10	0

TAMPA, FLA.

[H=35 ft.; h_t=79 ft.; h_r=71 ft.; h_a=96 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Aurorae.
January	7.4	NE.	28	SW.	0	7	20	7	2	8	4	4	9	1	7	5	19	8	7	0	0	0	7	0	0	0	1	0
February	7.8	NW.	40	SW.	1	6	12	2	5	4	7	7	14	1	12	7	10	6	5	0	0	0	2	0	0	0	1	0
March	7.5	NE.	30	SW.	0	6	16	8	3	8	3	5	13	0	11	11	9	7	7	0	0	0	2	0	0	0	4	0
April	8.6	NE.	38	W.	0	2	20	5	8	4	10	7	4	0	10	14	6	5	3	0	0	0	0	0	0	0	5	0
May	6.6	NE.	32	SW.	0	5	16	5	5	4	5	10	12	0	13	10	8	12	12	0	0	0	0	0	2	0	13	0
June	6.2	E.	27	E.	0	3	11	15	12	4	3	6	6	0	6	11	13	17	16	0	0	0	0	0	7	0	19	0
July	6.3	NE.	30	NE.	0	4	21	11	6	2	5	11	1	1	10	15	6	17	15	0	0	0	0	0	17	0	22	0
August	5.4	NE.	29	SE.	0	1	17	10	11	1	4	10	7	1	7	20	4	11	10	0	0	0	0	0	19	0	17	0
September	6.3	NE.	30	SW.	0	4	17	7	9	9	7	1	4	2	7	13	10	17	15	0	0	0	0	0	11	0	15	0
October	7.3	NE.	30	NE.	0	5	36	5	3	1	0	1	10	1	16	10	5	9	7	0	0	0	2	0	3	0	4	0
November	8.7	NE.	34	NW.	0	19	26	0	1	0	1	5	8	0	21	3	6	7	5	0	0	0	1	0	0	0	0	0
December	6.4	NE.	25	NW.	0	5	23	7	3	4	6	3	11	0	8	15	8	6	5	0	0	0	4	0	0	0	0	0
Year	7.0	NE.	40	SW.	1	67	235	82	68	49	55	70	99	7	128	134	104	122	107	0	0	0	18	0	59	0	101	0

TANANA, ALASKA.

[H=—— ft.; h_t=—— ft.; h_r=—— ft.; h_a=—— ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Aurorae.
January																								31	0	31		
February																								29	0	29		
March																								24	0	31		
April																								6	0	27		
May																								0	0	13		
June																								0	0	5		
July																								0	0	0		
August																								0	0	0		
September																								0	0	13		
October																								14	0	26		
November																								30	0	30		
December																								31	0	31		
Year																								165	0	236		

Annual meteorological summary for the year ending December 31, 1912—Continued.

TATOOSH ISLAND, WASH.

[ϕ=48° 23′ N.; λ=124° 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	29.851	30.284	29.117	43.4	43.9	46.5	40.5	43.5	55	31	39	40	86	88	0.248	0.253	12.34	1.60	7.2	8.4	7.9
February	29.963	30.386	29.550	44.8	45.8	48.3	41.7	45.0	54	37	41	41	87	85	.261	.264	7.54	1.55	5.4	6.9	6.9
March	29.888	30.300	29.427	41.8	46.3	49.5	39.5	44.5	56	35	38	41	88	82	.232	.257	2.40	1.30	4.7	3.6	4.0
April	29.886	30.106	29.122	44.1	48.0	50.7	42.8	46.8	56	37	42	42	92	80	.267	.266	4.24	1.71	8.0	7.1	7.0
May	29.969	30.234	29.550	49.0	52.9	56.4	47.6	52.0	75	42	46	47	89	80	.307	.320	2.84	.84	6.5	6.3	6.2
June	29.964	30.297	29.554	50.5	54.3	57.1	49.4	53.2	66	45	48	49	92	83	.335	.346	3.67	1.64	6.3	5.5	5.8
July	29.964	30.129	29.742	53.0	56.7	60.0	51.3	55.6	82	47	52	53	96	88	.384	.400	1.48	.86	7.5	5.3	6.8
August	29.910	30.093	29.451	52.8	57.3	59.9	51.3	55.6	73	47	52	54	97	89	.387	.415	4.33	1.98	5.6	4.4	5.9
September	29.927	30.181	29.411	54.2	57.8	60.9	51.3	56.1	76	46	50	51	88	82	.368	.384	3.34	1.16	4.1	4.8	4.8
October	29.906	30.264	29.279	48.0	49.4	52.8	45.5	49.2	59	39	46	47	93	90	.309	.319	7.02	1.12	6.5	6.0	6.2
November	29.852	30.385	29.412	46.9	46.9	50.6	44.2	47.4	61	39	44	45	92	93	.295	.301	11.43	1.40	7.7	8.1	8.2
December	29.953	30.550	29.040	43.8	43.5	46.9	40.4	43.6	51	34	42	42	95	94	.272	.268	12.15	1.39	7.6	8.0	7.8
Year	29.919	30.550	29.040	47.7	50.2	53.3	45.5	49.4	82	31	45	46	91	86	.305	.316	72.78	1.98	6.4	6.2	6.5

TAYLOR, TEX.

[ϕ=30° 35′ N.; λ=97° 20′ W.]

January	29.507	29.910	29.029	38.0	46.0	56.1	31.5	43.8	80	11	33	....	82	....	0.226	.....	0.10	0.06	5.2	.....	4.0
February	29.434	29.974	28.972	39.1	51.9	60.4	35.2	47.8	78	14	30	....	70	....	.196	.....	2.97	2.05	3.2	.....	3.2
March	29.443	29.755	29.017	46.7	57.1	62.2	44.0	53.1	79	32	44	....	91	....	.311	.....	3.67	1.34	7.8	.....	7.2
April	29.358	29.676	29.130	60.0	70.7	76.3	57.1	66.7	87	40	55	....	85	....	.463	.....	2.41	.97	6.8	.....	6.0
May	29.326	29.598	29.040	67.0	79.5	85.7	64.3	75.0	100	53	62	....	84	....	.570	.....	1.56	.72	5.4	.....	3.3
June	29.387	29.605	29.055	69.9	81.7	87.8	67.0	77.4	97	55	65	....	85	....	.625	.....	3.05	1.70	3.6	.....	3.1
July	29.405	29.519	29.317	75.1	.....	95.9	72.9	84.4	104	69	70	....	84	....	.734	.....	.25	.17	1.7	.....	2.4
August	29.381	29.508	29.300	75.3	.....	95.7	73.9	84.8	99	71	72	....	88	....	.771	.....	.75	.52	3.5	.....	4.2
September	29.375	29.603	29.162	69.7	.....	90.9	68.3	79.6	99	53	64	....	82	....	.612	.....	.06	.04	3.3	.....	4.0
October	29.429	29.692	29.166	61.4	.....	80.7	59.5	70.1	94	46	56	....	82	....	.470	.....	3.18	2.32	5.2	.....	4.6
November	29.603	29.872	29.387	48.4	.....	67.8	46.1	57.0	81	28	42	....	80	....	.287	.....	1.82	1.30	4.8	.....	4.5
December	29.544	29.979	29.227	41.1	.....	53.9	38.7	46.3	72	29	38	....	87	....	.236	.....	3.60	1.44	6.1	.....	6.7
Year	29.433	29.979	28.972	57.6	.....	76.1	54.9	65.5	104	11	53	....	83	....	.458	.....	23.42	2.32	4.7	.....	4.4

THOMASVILLE, GA.

[ϕ=30° 48′ N.; λ=83° 58′ W.]

January	29.807	30.100	29.402	41.4	48.2	58.3	38.4	48.4	77	23	38	41	88	76	0.250	0.277	6.93	3.36	6.2	4.9	5.8
February	29.727	30.005	29.224	40.0	49.3	59.7	37.1	48.4	76	24	37	39	87	68	.242	.260	7.25	3.02	4.1	4.1	5.3
March	29.796	30.156	29.429	52.9	61.0	70.5	48.3	59.4	85	35	48	52	86	74	.358	.403	5.64	1.45	6.1	4.0	5.7
April	29.780	30.100	29.552	63.3	68.4	78.9	58.2	68.6	88	43	58	59	84	73	.501	.515	10.33	4.66	4.8	5.4	5.7
May	29.690	29.981	29.448	70.4	75.6	87.7	64.6	76.2	99	50	64	63	82	67	.620	.592	2.12	.79	4.2	4.0	4.7
June	29.735	29.954	29.539	72.4	76.8	86.5	68.5	77.5	97	60	68	68	86	76	.601	.607	6.61	2.16	5.8	7.1	6.8
July	29.756	29.979	29.503	75.4	78.6	90.9	70.7	80.8	97	67	72	72	89	80	.781	.780	5.34	2.13	3.8	6.2	6.0
August	29.757	29.912	29.611	74.9	76.9	90.0	70.5	80.4	95	68	72	72	92	86	.797	.788	7.12	1.27	3.5	6.4	6.3
September	29.662	29.868	29.475	73.8	75.8	86.4	71.2	78.8	99	68	72	72	93	87	.776	.776	10.42	4.48	5.5	4.6	6.4
October	29.740	29.959	29.583	63.2	68.6	80.3	60.3	70.3	90	43	61	62	91	80	.545	.575	.86	.36	5.5	4.6	5.8
November	29.876	30.155	29.494	45.4	53.1	68.1	41.6	54.8	83	26	41	45	85	76	.276	.319	3.79	2.83	2.8	2.7	2.9
December	29.843	30.155	29.505	49.8	54.0	64.1	46.0	55.0	78	29	47	49	90	85	.351	.379	4.80	2.70	7.6	5.2	6.7
Year	29.764	30.156	29.224	60.2	65.5	76.8	56.3	66.6	99	23	56	58	88	77	.516	.530	71.21	4.66	5.0	4.9	5.7

TOLEDO, OHIO.

[ϕ=41° 40′ N.; λ=83° 34′ W.]

January	29.381	29.872	28.794	12.6	17.3	21.8	8.5	15.2	41	−5	8	11	78	74	0.064	0.075	1.78	0.95	7.5	7.0	6.6
February	29.306	29.836	28.299	16.9	22.4	27.4	13.0	20.2	50	−10	13	16	81	74	.084	.096	3.12	1.73	7.4	5.0	6.5
March	29.464	29.962	28.786	24.0	30.2	35.3	20.7	28.0	65	7	18	23	78	74	.106	.129	3.09	1.29	5.5	5.2	5.2
April	29.302	29.753	28.866	44.2	51.1	57.7	39.2	48.4	78	26	36	40	73	67	.219	.254	2.72	.75	5.3	4.9	5.0
May	29.252	29.528	28.850	57.9	63.5	71.3	50.7	61.0	87	33	49	50	73	63	.353	.368	3.07	1.08	5.3	5.4	4.3
June	29.367	29.775	28.899	64.1	68.7	75.6	57.9	66.8	91	46	54	53	69	59	.426	.422	3.55	1.74	4.4	4.2	3.1
July	29.354	29.633	29.036	68.7	73.3	80.8	63.9	72.4	91	52	63	63	81	71	.583	.584	3.60	.84	5.9	5.8	5.1
August	29.287	29.575	28.901	64.5	71.1	77.4	60.1	68.8	91	59	59	62	83	74	.517	.579	3.48	.84	5.5	4.4	4.8
September	29.371	29.684	29.078	61.7	68.3	76.0	58.0	67.0	94	39	56	58	83	70	.482	.501	2.69	1.48	5.3	4.1	3.9
October	29.396	29.806	29.066	48.1	57.9	65.1	45.2	55.2	81	35	41	45	78	64	.269	.319	1.51	.42	4.2	3.1	3.8
November	29.354	29.738	28.877	37.3	43.9	49.7	34.4	42.0	70	23	31	33	78	66	.180	.200	1.77	.93	6.4	6.1	5.4
December	29.313	29.773	28.767	31.1	34.3	40.7	25.5	33.1	58	9	25	26	76	70	.139	.149	1.57	.52	6.5	4.9	6.3
Year	29.346	29.962	28.299	44.3	50.2	56.6	39.8	48.2	94	−10	38	40	78	69	.285	.306	31.95	1.74	5.8	5.0	5.0

Annual meteorological summary for the year ending December 31, 1912—Continued.

TATOOSH ISLAND, WASH.

[H=86 ft.; h_t=7 ft.; h_r=4 ft.; h_a=57 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	22.7	E.	64	NE.	20	1	12	26	5	12	3	3	0	0	4	4	23	23	22	3	2	0	5	0	0	1	0	0
February	19.8	NE.	52	S.	13	0	13	17	8	5	7	4	4	0	9	0	20	18	18	0	0	1	0	0	0	0	0	0
March	14.7	NE.	50	NE.	7	1	25	6	4	9	5	8	4	0	17	7	7	8	6	0	0	1	2	0	0	0	0	0
April	11.5	W.	47	S.	4	0	3	6	8	13	8	20	2	0	1	20	9	15	11	0	0	0	0	0	0	0	0	0
May	12.9	W.	42	NE.	4	2	10	1	6	12	11	17	3	0	4	15	12	16	13	0	0	0	1	0	0	0	0	0
June	10.4	S.	37	S.	0	2	6	3	3	15	17	12	2	0	9	11	10	8	6	0	0	0	9	0	0	0	2	0
July	10.6	S.	38	NE.	0	0	7	2	2	29	16	5	1	0	5	9	17	12	7	0	0	0	15	0	0	0	0	0
August	10.2	S.	40	S.	1	0	3	7	5	27	13	5	2	0	8	11	12	12	9	0	0	0	13	0	0	0	1	0
September	14.2	NE.	60	S.	5	1	20	7	4	14	2	10	2	0	12	10	8	7	7	0	0	0	7	0	0	0	1	0
October	16.1	NE.	64	SW.	8	1	16	13	13	9	2	6	2	0	9	9	13	19	18	0	0	0	3	0	0	0	1	0
November	20.1	E.	84	S.	12	0	3	21	11	15	7	0	3	0	1	9	20	24	20	0	0	1	1	0	0	0	1	0
December	21.8	E.	88	S.	18	0	5	13	9	13	5	10	7	0	2	9	20	25	24	1	1	2	0	0	0	0	4	0
Year	15.4	S.	88	S.	92	8	123	122	78	173	96	100	32	0	81	114	171	187	161	4	3	5	56	0	0	1	10	0

TAYLOR, TEX.

[H=583 ft.; h_t=55 ft.; h_r=48 ft.; h_a=63 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.3	N.	32	N.	0	12	0	0	1	9	4	1	3	1	15	11	5	5	1	1	0	0	3	2	0	17	0	0
February	11.0	S.	50	NW.	1	6	0	4	1	8	1	2	7	0	18	7	4	5	3	0	0	0	1	1	0	10	2	0
March	10.2	NW.	34	W.	0	7	2	3	2	7	0	2	8	0	5	8	18	13	13	0	0	0	0	0	0	1	6	0
April	9.2	S.	48	N.	0	6	1	3	4	7	2	2	4	1	8	9	13	9	5	0	0	0	0	0	0	0	4	0
May	9.9	S.	34	S.	0	3	1	3	4	12	1	2	5	0	18	10	3	4	3	0	0	0	0	0	9	0	5	0
June	7.9	S.	32	N.	0	7	4	3	3	11	0	0	1	1	21	6	3	5	4	0	0	0	0	0	12	0	3	0
July	8.4	S.	30	NE.	0	0	0	0	7	21	0	0	2	1	24	6	1	4	2	0	0	0	0	0	31	0	5	0
August	9.1	S.	28	S.	0	1	0	1	8	20	0	0	0	1	12	19	0	5	5	0	0	0	1	0	31	0	5	0
September	8.4	S.	36	NW.	0	7	2	0	4	9	3	1	4	0	13	13	4	3	1	0	0	0	0	0	19	0	3	0
October	9.0	S.	28	N.	0	7	1	2	2	13	1	0	4	1	11	14	6	6	5	0	0	0	2	0	7	0	1	0
November	8.0	NW.	31	N.	0	7	0	0	4	6	2	4	7	0	13	10	7	5	4	0	0	0	1	0	0	1	0	0
December	8.8	N.	33	SW.	0	10	3	2	0	3	5	4	3	1	7	5	19	15	9	1	0	0	4	0	0	5	2	0
Year	9.1	S.	50	NW.	1	73	14	21	40	126	19	18	48	7	165	118	83	79	55	2	0	0	12	3	109	34	36	0

THOMASVILLE, GA.

[H=273 ft.; h_t=8 ft.; h_r=4 ft.; h_a=57 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	5.3	NW.	28	SW.	0	11	10	7	4	3	3	5	18	1	11	7	13	12	8	1	0	0	1	0	0	9	2	0
February	6.2	NW.	33	SW.	0	4	2	5	5	10	2	9	18	3	10	8	11	9	8	0	0	0	0	0	0	10	2	0
March	6.2	SW.	26	SW.	0	8	11	8	4	13	10	1	7	0	9	9	13	11	8	0	0	0	0	0	0	0	3	0
April	5.6	E.	26	SW.	0	9	4	12	8	16	4	3	4	0	9	12	9	8	8	0	0	0	0	0	0	0	6	0
May	5.0	S.	28	W.	0	5	4	5	8	14	8	9	9	0	14	10	7	7	6	0	0	0	0	0	11	0	8	0
June	5.6	NE.	22	SW.	0	4	13	8	10	11	7	3	2	2	2	15	13	19	12	0	0	0	0	0	12	0	13	0
July	3.9	E.	28	SW.	0	4	6	12	9	8	8	11	3	1	7	15	9	15	13	0	0	0	0	0	20	0	21	0
August	3.8	SW.	19	SW.	0	1	6	4	9	16	17	3	4	2	3	14	14	16	14	0	0	0	0	0	18	0	17	0
September	4.6	E.	20	E.	0	3	14	11	4	8	6	5	9	0	8	6	16	18	14	0	0	0	1	0	10	0	7	0
October	4.4	NE.	15	E.	0	11	23	18	3	0	0	0	7	0	9	8	14	9	5	0	0	0	1	0	0	0	3	0
November	4.9	NW.	21	E.	0	11	12	6	3	3	1	1	19	4	19	4	7	5	4	2	2	0	0	0	0	6	0	0
December	4.7	N.	25	SW.	0	11	8	5	6	8	4	6	12	2	8	5	18	13	9	0	0	0	0	0	0	3	0	0
Year	5.0	NE.	33	SW.	0	82	113	101	73	110	70	56	112	15	109	113	144	142	109	3	2	0	3	0	71	28	82	0

TOLEDO, OHIO.

[H=628 ft.; h_t=208 ft.; h_r=201 ft.; h_a=246 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	15.6	SW.	56	SW.	3	4	5	4	2	5	20	12	10	0	8	7	16	14	7	22	11	0	0	27	0	31	0	0
February	15.3	SW.	56	NE.	3	3	6	3	3	7	22	10	4	0	6	9	14	13	8	18	12	0	0	18	0	27	0	0
March	14.4	N.	42	NE.	1	14	10	5	0	5	10	9	9	0	11	9	11	11	11	11	8	0	1	10	0	29	0	0
April	18.6	SW.	57	SW.	7	5	11	8	2	5	15	10	4	0	13	7	10	13	10	3	0	1	0	0	0	5	4	0
May	14.5	SW.	48	W.	2	6	4	6	3	11	13	10	9	0	14	12	5	13	12	1	1	0	0	0	0	0	6	0
June	12.5	SW.	42	SW.	2	7	7	10	3	5	14	4	10	0	19	10	1	7	4	0	0	0	0	0	1	0	7	0
July	11.3	SW.	44	N.	1	8	3	9	4	10	15	1	12	0	9	15	7	11	10	0	0	0	0	0	1	0	13	0
August	12.6	SW.	39	NW.	0	4	2	5	7	9	16	5	14	0	11	13	7	14	13	0	0	0	0	0	1	0	10	0
September	11.0	SW.	37	SW.	0	5	5	4	8	8	18	6	6	0	17	7	6	8	8	0	0	0	2	0	6	0	2	0
October	14.2	SW.	46	SW.	2	3	3	2	3	14	23	5	9	0	19	4	8	8	7	0	0	0	1	0	0	0	2	0
November	17.4	SW.	48	SW.	1	0	0	0	1	13	28	10	8	0	12	7	11	10	6	5	2	0	0	0	0	14	2	0
December	18.9	SW.	59	SW.	4	0	0	3	0	15	30	12	2	0	7	9	15	13	8	10	7	0	0	5	0	24	0	0
Year	14.7	SW.	59	SW.	26	59	56	59	36	107	224	94	97	0	146	109	111	135	104	70	41	1	4	60	9	130	46	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

TONOPAH, NEV.

[ϕ=38° 4′ N.; λ=117° 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	24.102	24.401	23.740	30.8	38.9	41.9	27.6	34.8	56	6	21	22	67	50	0.112	0.115	0.03	0.02	2.8	4.5	4.4
February	24.082	24.302	23.774	31.3	43.1	45.4	28.2	36.8	57	10	18	17	57	35	.095	.092	.02	.02	2.9	4.7	3.9
March	23.893	24.104	23.503	29.4	40.9	42.7	26.8	34.8	55	18	22	24	75	54	.118	.125	.78	.68	4.6	6.3	5.8
April	23.960	24.200	23.631	34.5	48.1	51.5	31.8	41.6	64	20	24	22	65	39	.126	.118	.58	.22	4.9	5.8	5.3
May	24.023	24.261	23.800	44.5	62.0	64.4	42.1	53.2	80	25	26	26	49	28	.139	.143	.15	.14	3.6	4.7	4.2
June	24.045	24.204	23.823	54.3	73.5	75.5	52.2	63.8	89	34	28	28	38	21	.152	.158	.02	.01	1.9	3.0	3.1
July	24.105	24.248	23.931	59.7	78.4	80.2	58.2	69.2	91	41	36	35	44	25	.225	.216	1.34	.81	3.9	4.2	4.2
August	24.073	24.205	23.895	59.5	80.1	80.9	58.3	69.6	89	46	30	27	33	14	.166	.146	0	0	0.5	1.3	1.5
September	24.073	24.204	23.901	52.6	68.4	70.5	50.1	60.3	82	35	27	24	38	22	.146	.133	.01	.01	1.8	2.3	2.6
October	24.062	24.301	23.604	40.9	51.7	55.6	38.2	46.9	68	24	26	26	57	40	.145	.144	1.03	1.00	2.8	3.5	3.6
November	24.167	24.403	23.847	37.7	46.3	50.0	35.0	42.5	62	23	21	21	50	37	.111	.112	.10	.10	1.9	3.0	2.9
December	24.153	24.418	23.862	25.1	34.4	37.3	22.8	30.0	53	10	12	13	55	38	.070	.075	T.	T.	0.6	3.3	3.2
Year	24.062	24.418	23.503	41.7	55.5	58.0	39.3	48.6	91	6	24	24	52	34	.134	.131	4.06	1.00	2.7	3.9	3.7

TOPEKA, KANS.

[ϕ=39° 3′ N.; λ=95° 41′ W.]

January					19.6	25.8	8.9	17.4	59	−19							0.14	0.06			4.3
February					30.2	36.8	20.3	28.6	56	− 1							1.58	1.30			6.0
March					34.9	40.2	23.1	31.6	70	5							3.29	.95			5.9
April					59.4	64.8	45.4	55.1	80	34							1.11	.61			4.9
May					73.1	79.2	57.6	68.4	92	43							3.31	1.66			3.5
June					74.3	80.4	59.5	70.0	94	51							3.88	1.49			4.4
July					84.8	90.3	69.5	79.9	98	62							2.31	.80			3.2
August					82.9	89.3	67.8	78.6	101	56							3.03	1.09			2.8
September					69.6	77.3	56.5	66.9	98	34							3.98	1.29			4.2
October					61.0	70.5	46.5	58.5	88	32							7.05	5.70			3.1
November					49.7	57.9	35.1	46.5	74	20							1.92	1.78			3.3
December					37.6	46.5	26.0	36.2	60	12							.32	.31			3.1
Year					56.4	63.2	43.0	53.1	101	−19							31.92	5.70			4.1

VALDEZ, ALASKA.

[ϕ=—° —′ N.; λ=—° —′ W.]

January						30.2	17.6	23.9	44	− 1							3.04				
February						36.5	21.9	29.6	44	9							4.97				
March						39.6	22.8	31.2	50	5							10.97				
April						50.7	27.2	39.0	62	15							.71				
May						57.2	35.6	46.4	74	28							5.45				
June						59.7	44.1	51.9	71	37							1.23				
July						60.7	45.7	53.2	77	40							5.10				
August						55.5	42.0	48.8	68	32							7.05				
September						50.6	38.6	44.6	69	33							18.74				
October						42.3	31.4	36.8	52	23							6.99				
November						33.1	20.8	27.0	40	6							2.47				
December						27.3	15.0	21.2	42	− 6							9.14				
Year						45.3	30.2	37.8	77	− 6							75.86				

VALENTINE, NEBR.

[ϕ=42° 50′ N.; λ=100° 32′ W.]

January	27.291	27.716	26.854	9.3	15.9	24.1	2.2	13.2	45	−27	6	11	84	81	0.071	0.087	0.49	0.42	4.7	5.3	4.7
February	27.310	27.770	26.884	17.4	28.7	34.1	13.8	24.0	52	−16	14	21	85	74	.089	.119	.34	.31	3.7	5.5	4.3
March	27.342	27.777	26.858	16.8	28.5	33.0	11.9	22.4	58	−15	13	20	87	72	.088	.110	1.26	.80	5.4	5.0	4.4
April	27.162	27.541	26.302	37.5	57.0	61.4	35.0	48.2	79	21	32	28	79	38	.180	.159	2.43	1.69	4.2	4.5	3.5
May	27.434	27.696	26.820	48.2	65.2	69.7	45.2	57.4	89	35	42	39	80	44	.274	.254	3.06	1.17	4.1	4.7	3.7
June	27.336	27.696	26.814	55.3	74.2	76.9	52.2	64.6	99	37	48	45	78	40	.346	.303	.99	.71	4.1	4.0	3.4
July	27.296	27.677	27.034	63.5	80.6	84.3	60.0	72.2	95	40	58	56	82	46	.483	.458	2.07	.75	4.3	4.0	3.5
August	27.265	27.539	26.933	57.9	77.1	82.3	55.6	69.0	100	47	53	52	85	47	.409	.406	2.60	.80	4.0	3.7	3.5
September	27.313	27.800	26.983	46.5	60.2	66.4	43.8	55.1	95	27	41	41	83	55	.275	.274	1.43	.65	4.3	5.0	4.6
October	27.293	27.668	26.781	39.0	54.5	63.7	34.7	49.2	85	21	31	32	74	44	.175	.183	1.07	1.02	3.1	2.6	3.4
November	27.330	27.875	26.888	29.0	43.9	55.5	25.7	40.6	76	8	23	21	78	40	.120	.112	.01	.01	2.7	3.5	4.0
December	27.236	27.667	26.624	22.3	31.4	40.2	15.8	28.0	58	2	14	18	69	56	.078	.097	.24	.12	3.5	2.8	4.9
Year	27.301	27.875	26.302	36.9	51.4	57.6	33.0	45.3	100	−27	31	32	80	53	.216	.214	15.99	1.69	4.0	4.2	4.0

Annual meteorological summary for the year ending Decemaer 31, 1912—Continued.

TONOPAH, NEV.

[H=6,090 ft.; h_t=12 ft.; h_r=9 ft.; h_a=20 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. 1". or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	7.4	SE.	38	NW.	0	0	0	1	22	4	6	22	7	0	12	16	3	2	0	3	2	0	0	3	0	19	0	0
February	9.0	W.	48	NW.	1	1	1	0	17	0	1	21	17	0	11	16	2	1	0	1	1	0	0	1	0	19	0	0
March	11.4	SE.	40	SE.	1	2	0	4	26	1	1	11	16	1	8	13	10	6	3	9	5	0	1	2	0	24	0	0
April	12.4	SE.	42	W.	3	0	0	0	24	1	0	13	22	0	5	19	6	4	3	5	4	0	0	0	0	16	0	0
May	10.5	NW.	44	NW.	2	4	2	1	15	3	1	17	19	0	13	15	3	2	1	1	0	1	0	0	0	5	0	0
June	10.6	SE.	37	SE.	0	5	1	2	25	3	2	11	11	0	18	10	2	2	0	0	0	0	0	0	0	0	0	0
July	8.1	W.	34	NW.	0	0	2	4	13	9	1	17	15	1	14	10	7	5	4	0	0	0	0	0	1	0	4	0
August	7.8	SE.	26	NW.	0	0	1	1	33	0	3	14	8	2	26	5	0	0	0	0	0	0	0	0	0	0	0	0
September	9.3	SE.	40	NW.	1	0	1	1	23	2	3	15	15	0	21	8	1	1	0	0	0	0	0	0	0	0	0	0
October	9.6	SE.	36	NW.	0	1	0	2	29	1	2	14	13	0	15	11	5	4	2	3	3	0	0	0	0	9	1	0
November	9.3	SE.	37	NW.	0	0	0	0	35	2	3	15	5	0	19	8	3	1	1	2	1	0	0	0	0	7	0	0
December	9.6	W.	40	NW.	1	0	1	0	14	2	3	19	15	0	18	9	4	0	0	2	0	0	0	8	0	30	0	0
Year	9.6	SE.	48	NW.	9	13	9	16	276	28	26	189	163	4	180	140	46	28	14	26	16	1	1	14	1	129	5	0

TOPEKA, KANS.

[H= —; h_t=85 ft.; h_r=76 ft.; h_a=101 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	1". or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	9.2	N.	31	NW.	0	6	6	3	3	3	4	1	5	0	12	13	6	5	2	10	4	0	1	20	0	31	0	0
February	10.7	N.	40	NW.	1	5	6	2	1	5	1	3	6	0	6	12	11	4	3	10	2	0	1	9	0	25	0	0
March	9.8	N.	34	S.	0	7	4	8	3	4	0	2	3	0	7	13	11	15	11	14	8	0	0	10	0	23	1	0
April	12.3	S.	40	SW.	1	5	1	3	9	5	3	1	3	0	12	12	6	8	6	0	0	0	0	0	0	0	3	0
May	12.6	S.	39	N.	0	4	3	1	5	8	5	1	4	0	14	16	1	6	6	0	0	0	0	0	4	0	6	0
June	7.7	SE.	46	W.	1	6	3	6	6	5	3	1	0	0	11	14	5	11	8	0	0	1	0	0	5	0	8	0
July	9.6	S.	37	W.	0	2	3	5	6	12	2	1	0	0	14	15	2	10	8	0	0	0	1	0	16	0	9	0
August	9.3	S.	44	W.	1	1	1	7	3	10	2	4	3	0	20	10	1	9	7	0	0	0	0	0	17	0	10	0
September	9.0	S.	46	SW.	1	6	1	1	7	9	2	0	4	0	14	9	7	8	6	0	0	0	0	0	10	0	5	0
October	9.5	S.	37	S.	0	8	2	5	7	7	0	0	2	0	19	6	6	7	6	1	1	0	0	0	0	1	4	0
November	10.9	S.	39	S.	0	1	1	2	2	9	10	1	4	0	19	8	3	2	2	0	0	0	0	0	0	12	1	0
December	11.3	SW.	38	S.	0	4	0	0	2	7	12	2	4	0	18	9	4	2	1	2	0	0	3	0	0	27	0	0
Year	10.2	S.	46	SW.	5	55	31	43	54	84	44	17	38	0	166	137	63	87	66	37	15	1	6	39	52	119	47	0

VALDEZ, ALASKA.

[H=—— ft.; h_t=—— ft.; h_r=—— ft.; h_a=—— ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	1". or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	.....	NE.	....	.....	....	....	....	....	....	....	....	....	....	....	9	3	19	15	14	....	....	....	....	....	....	....	....	....
February	.....	NE.	....	.....	....	....	....	....	....	....	....	....	....	....	6	5	18	13	12	....	....	....	....	....	....	....	....	....
March	.....	NE.	....	.....	....	....	....	....	....	....	....	....	....	....	11	5	15	12	12	....	....	....	....	....	....	....	....	....
April	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	17	5	7	3	3	....	....	....	....	....	....	....	....	....
May	.....	NE.	....	.....	....	....	....	....	....	....	....	....	....	....	10	2	18	17	17	....	....	....	....	....	....	....	....	....
June	.....	SW.	....	.....	....	....	....	....	....	....	....	....	....	....	8	6	15	16	11	....	....	....	....	....	....	....	....	....
July	.....	SW.	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	18	....	....	....	....	....	....	....	....	....	....
August	.....	SW.	....	.....	....	....	....	....	....	....	....	....	....	....	2	6	23	23	23	....	....	....	....	....	....	....	....	....
September	.....	SW.	....	.....	....	....	....	....	....	....	....	....	....	....	1	3	26	29	27	....	....	....	....	....	....	....	....	....
October	.....	NW.	....	.....	....	....	....	....	....	....	....	....	....	....	6	4	21	21	19	....	....	....	....	....	....	....	....	....
November	.....	NE.	....	.....	....	....	....	....	....	....	....	....	....	....	5	7	18	12	11	....	....	....	....	....	....	....	....	....
December	.....	NE.	....	.....	....	....	....	....	....	....	....	....	....	....	4	8	19	14	13	....	....	....	....	....	....	....	....	....
Year	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	193	....	....	....	....	....	....	....	....	....	....

VALENTINE, NEBR.

[H=2,598 ft.; h_t=47 ft.; h_r=36 ft.; h_a=54 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	1". or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.8	NW.	40	NW.	2	9	4	5	2	3	3	16	18	2	6	21	4	4	2	12	4	0	0	19	0	31	0	0
February	7.5	NW.	29	N.	0	16	4	0	0	0	1	13	22	2	6	21	2	3	1	12	3	0	0	14	0	29	0	0
March	10.2	N.	33	NW.	0	17	4	5	3	7	7	11	7	1	10	15	6	9	5	13	9	0	1	18	0	29	0	0
April	12.8	NW.	42	NW.	3	8	4	6	7	4	8	9	11	3	16	12	2	8	6	4	2	0	0	0	0	11	3	0
May	11.7	N.	42	S.	3	14	5	8	2	7	3	12	10	1	17	13	1	14	10	0	0	1	0	0	0	0	7	0
June	10.0	SE.	31	NE.	0	8	10	4	10	9	7	4	3	5	16	10	4	3	2	0	0	0	0	0	7	0	5	0
July	9.3	NE.	44	W.	2	10	11	8	9	6	9	6	3	0	18	11	2	8	6	0	0	1	0	0	8	0	9	0
August	8.9	N.	36	NW.	0	11	4	11	6	7	4	5	10	4	13	17	1	14	13	0	0	2	0	0	6	0	8	0
September	9.7	NW.	36	W.	0	9	9	2	6	5	9	8	12	0	15	7	8	8	6	1	1	0	0	0	3	8	1	0
October	10.6	W.	48	S.	2	10	5	2	0	12	10	12	11	0	19	9	3	4	2	2	1	0	0	0	0	11	0	0
November	9.3	W.	35	SW.	0	6	1	1	0	5	12	23	12	0	14	13	3	1	0	2	0	0	0	0	0	26	0	0
December	11.5	W.	42	NW.	2	4	0	0	2	2	7	28	19	0	13	11	7	6	3	8	6	0	0	5	0	31	0	0
Year	10.0	W.	48	S.	14	122	61	52	47	67	80	147	138	18	163	160	43	82	56	54	26	4	1	56	24	176	33	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

VICKSBURG, MISS.

[ϕ=32° 22′ N.; λ=90° 53′ 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	29.879	30.274	29.429	38.4	46.4	51.7	34.9	43.3	72	15	32	33	78	60	0.203	0.209	3.72	1.34	6.0	5.2	6.1
February	29.783	30.225	29.124	38.7	48.9	56.0	35.7	45.8	78	16	32	32	76	53	.195	.200	2.70	.71	4.8	4.8	5.0
March	29.817	30.203	29.254	48.4	56.4	61.2	45.1	53.2	80	34	44	44	84	66	.306	.311	7.44	1.94	6.9	7.5	7.2
April	29.753	30.124	29.422	61.0	68.9	74.3	57.6	66.0	84	46	56	56	86	65	.478	.465	9.71	2.36	6.4	6.6	6.1
May	29.714	30.052	29.447	68.0	76.4	81.1	64.4	72.8	90	53	62	60	83	60	.575	.538	3.17	.97	4.0	3.6	3.5
June	29.751	29.924	29.445	71.0	76.2	83.3	68.1	75.7	90	63	65	66	83	73	.634	.658	2.53	.87	6.2	6.6	6.2
July	29.772	29.973	29.629	75.1	80.7	89.0	72.3	80.6	94	69	72	73	90	77	.779	.802	3.60	1.34	4.3	6.7	5.7
August	29.763	29.910	29.582	74.1	80.0	88.3	71.3	79.8	92	60	71	71	89	75	.756	.768	4.81	1.19	4.5	5.6	5.3
September	29.712	29.955	29.467	71.5	79.4	86.5	69.1	77.8	94	55	68	70	88	74	.689	.744	.26	.13	3.8	5.0	4.4
October	29.793	30.001	29.510	61.2	70.2	78.0	58.8	68.4	88	44	56	58	85	67	.478	.502	1.99	1.11	4.1	3.5	4.5
November	29.960	30.219	29.619	46.0	58.0	65.2	43.8	54.5	78	27	39	40	77	53	.254	.267	.65	.25	3.2	2.2	3.8
December	29.889	30.289	29.542	44.3	50.9	55.7	42.2	49.0	70	33	39	40	81	69	.256	.272	10.94	2.38	6.1	6.3	7.2
Year	29.799	30.289	29.124	58.1	66.0	72.5	55.3	63.9	94	15	53	54	83	66	.467	.478	51.52	2.38	5.0	5.3	5.4

WALLA WALLA, WASH.

[ϕ=46° 2′ N.; λ=118° 20′ W.]

January	29.044	29.499	28.485	29.2	33.9	37.7	24.7	31.2	61	−6	25	28	86	78	0.149	0.165	2.90	0.75	8.5	8.6	8.5
February	29.095	29.480	28.636	37.8	43.9	46.6	35.5	41.0	58	27	32	33	79	66	.181	.189	2.18	.55	7.6	7.2	6.9
March	28.924	29.284	28.491	36.1	48.9	50.7	34.2	42.4	70	22	28	28	72	47	.153	.151	1.14	.30	4.6	5.0	5.2
April	28.862	29.002	28.341	46.1	58.5	60.9	43.6	52.2	75	37	34	34	64	42	.198	.195	2.07	.82	6.0	6.7	6.2
May	28.935	29.229	28.527	52.4	69.0	71.4	51.0	61.2	86	43	38	37	59	36	.231	.233	1.95	.56	4.4	4.4	4.4
June	28.897	29.219	28.646	59.2	77.2	80.7	56.9	68.8	101	46	44	42	58	33	.293	.278	1.73	.76	4.7	4.0	4.1
July	28.907	29.125	28.680	62.3	83.2	84.5	60.6	72.6	100	49	45	42	55	26	.298	.277	.59	.28	3.7	3.7	3.8
August	28.891	29.109	28.621	60.5	78.7	80.7	58.5	69.6	99	48	45	44	58	33	.301	.289	2.67	1.04	4.3	3.8	4.0
September	28.968	29.244	28.581	53.0	70.8	73.9	50.7	62.3	85	44	38	38	58	32	.231	.234	.61	.36	2.7	2.8	3.0
October	28.999	29.297	28.446	45.7	54.3	59.7	42.1	50.9	75	28	35	37	68	56	.207	.228	2.13	.90	4.2	5.6	5.3
November	29.019	29.501	28.545	42.4	47.7	53.0	38.0	45.5	68	26	34	36	76	67	.199	.214	1.77	.55	7.6	7.1	7.8
December	29.093	29.512	28.344	37.5	40.1	45.5	32.4	39.0	62	23	27	30	67	67	.147	.164	.62	.23	6.1	6.6	6.2
Year	28.970	29.512	28.341	46.8	58.8	62.1	44.0	53.1	101	−6	35	36	67	49	.216	.218	20.36	1.04	5.4	5.5	5.4

WASHINGTON, D. C.

[ϕ=38° 54′ N.; λ=77° 3′ W.]

January	29.970	30.501	29.493	20.8	26.7	33.0	16.9	25.0	58	−13	14	16	73	62	0.091	0.094	2.84	1.04	6.5	4.5	6.8
February	29.881	30.390	28.872	25.1	32.8	38.9	23.1	31.0	56	7	16	20	67	61	.098	.127	2.70	1.21	4.6	4.6	5.2
March	30.011	30.555	29.259	35.6	43.7	49.6	32.2	40.9	76	18	31	31	81	62	.182	.182	6.14	1.64	5.4	5.2	5.6
April	29.903	30.443	29.207	51.7	58.5	65.5	45.8	55.6	81	31	42	43	70	59	.286	.298	2.33	.63	5.9	5.7	6.0
May	29.851	30.107	29.484	61.7	67.6	76.0	54.2	65.1	90	41	53	54	75	63	.417	.427	4.84	1.59	4.4	4.6	3.9
June	29.919	30.319	29.720	66.7	72.0	79.9	60.9	70.4	93	45	58	60	74	67	.500	.522	4.36	.91	6.1	6.7	5.1
July	29.911	30.267	29.493	72.5	76.5	85.1	66.6	75.8	94	60	64	66	76	70	.615	.639	7.21	2.93	5.1	5.3	4.1
August	29.857	30.118	29.469	69.4	74.5	82.9	64.0	73.4	92	53	61	63	76	68	.558	.588	1.50	.58	5.6	5.1	5.1
September	29.940	30.301	29.718	66.3	69.7	79.0	61.8	70.4	94	42	61	63	84	80	.553	.588	5.86	1.75	6.0	4.4	5.8
October	29.971	30.361	29.636	52.1	60.0	70.8	47.8	59.3	87	36	46	49	80	69	.321	.367	.65	.36	3.6	3.0	2.9
November	29.959	30.405	29.493	40.2	47.5	56.9	36.9	46.9	77	25	33	33	75	58	.196	.200	1.54	1.04	5.0	3.0	4.9
December	29.970	30.470	29.451	33.4	42.5	49.1	30.9	40.4	73	19	27	29	78	60	.160	.174	4.12	1.12	4.5	4.5	5.0
Year	29.929	30.555	28.872	49.6	56.0	63.9	45.1	54.5	94	−13	42	44	76	65	.331	.350	44.09	2.93	5.2	4.7	5.0

WICHITA, KANS.

[ϕ=37° 41′ N.; λ=97° 20′ W.]

January	28.649	29.188	28.204	16.6	24.9	31.0	12.7	21.8	57	−15	13	18	84	72	0.087	0.112	0.12	0.03	5.3	4.5	4.6
February	28.508	29.094	28.073	26.7	34.7	40.2	23.7	32.0	65	4	23	25	84	67	.125	.139	2.32	1.62	6.2	5.2	5.0
March	28.609	29.075	28.150	29.4	37.5	41.9	25.3	33.6	71	9	26	32	88	79	.153	.189	3.07	1.46	6.5	6.4	6.5
April	28.483	28.909	27.998	47.2	60.4	64.8	44.6	54.7	78	32	41	42	80	56	.267	.296	3.87	2.14	5.2	4.8	5.1
May	28.431	28.823	28.054	60.8	73.0	78.3	57.6	68.0	91	42	54	58	80	61	.438	.496	5.18	1.75	4.8	4.2	4.2
June	28.572	28.887	28.034	63.5	77.2	80.7	60.9	70.8	91	49	56	58	79	54	.462	.500	3.27	1.67	5.4	3.2	4.1
July	28.532	28.726	28.334	73.3	87.7	92.1	71.0	81.6	101	64	65	66	77	49	.629	.640	1.28	.52	5.0	3.3	3.8
August	28.500	28.767	28.314	69.6	84.2	88.8	67.5	78.2	100	58	64	66	84	58	.615	.662	3.14	1.01	4.8	2.7	3.4
September	28.570	28.987	28.196	59.5	71.9	77.8	57.6	67.7	97	37	52	52	77	54	.414	.420	3.36	1.65	4.5	4.6	4.4
October	28.587	28.972	28.160	51.9	64.5	72.1	49.1	60.6	88	32	44	45	76	52	.309	.318	2.18	1.55	4.0	3.3	3.5
November	28.666	29.157	28.240	37.8	51.5	57.8	35.9	46.8	74	23	31	35	75	55	.176	.217	.50	.50	2.4	1.9	2.7
December	28.610	29.098	28.152	29.5	39.5	45.8	26.5	36.2	59	19	23	23	75	53	.128	.129	.85	.77	1.8	1.8	3.7
Year	28.567	29.188	27.998	47.2	58.9	64.3	44.4	54.3	101	−15	41	43	80	59	.317	.343	29.14	2.14	4.7	3.8	4.2

Annual meteorological summary for the year ending December 31, 1912—Continued.

VICKSBURG, MISS.

[H=247 ft.; h_t=62 ft.; h_r=53 ft.; h_a= 74 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorm.	Aurora.
	Miles.		*Mi.*																									
January	7.1	SE.	31	NW.	0	7	9	4	14	9	4	4	11	0	7	11	13	8	5	4	0	0	2	2	0	13	3	0
February	8.5	NW.	35	W.	0	11	3	8	9	8	5	2	12	0	9	11	9	12	10	1	0	1	1	1	0	10	3	0
March	8.0	E.	35	W.	0	7	7	14	10	10	2	6	6	0	4	11	16	12	12	0	0	0	2	0	0	0	6	0
April	7.7	SE.	34	SW.	0	1	6	15	17	7	4	4	6	0	9	9	12	13	11	0	0	1	0	0	0	0	9	0
May	6.5	SE.	36	W.	0	0	7	11	11	9	10	6	8	0	17	9	5	9	8	0	0	0	0	0	1	0	7	0
June	6.4	S.	42	W.	1	7	10	12	10	14	2	3	2	0	4	16	10	13	9	0	0	0	1	0	2	0	13	0
July	4.3	S.	26	E.	0	4	3	10	10	14	14	3	2	2	5	18	8	14	10	0	0	0	3	0	13	0	18	0
August	5.1	SE.	30	SW.	0	1	8	12	16	9	12	0	2	2	10	12	9	12	8	0	0	0	1	0	13	0	14	0
September	4.8	N.	15	NE.	0	30	8	8	4	3	4	1	2	0	17	7	6	3	2	0	0	0	1	0	14	0	4	0
October	5.5	NE.	25	NW.	0	13	18	9	14	3	1	1	1	2	14	10	7	4	4	0	0	0	1	0	0	0	1	0
November	5.6	SE.	21	NW.	0	13	3	10	17	2	0	6	7	2	18	6	6	4	3	1	1	0	2	0	0	2	2	0
December	6.5	SE.	27	NW.	0	8	7	9	11	11	3	4	9	0	8	2	21	16	15	1	0	0	3	0	0	0	2	0
Year	6.3	SE.	42	W.	1	102	89	122	143	99	61	40	68	8	122	122	122	120	97	7	1	2	17	3	43	25	82	0

WALLA WALLA, WASH.

[H=1,000 ft.; h_t=107 ft.; h_r= 100 ft.; h_a=115 ft.]

January	5.7	S.	36	SE.	0	2	4	1	4	27	14	2	3	5	2	6	23	16	12	7	4	0	2	10	0	21	0	0
February	6.9	SW.	34	SW.	0	1	3	2	5	19	19	4	3	2	6	9	14	14	11	3	1	0	2	0	0	11	0	0
March	6.9	SW.	42	SW.	1	2	8	0	7	20	20	0	3	2	15	4	12	10	9	5	3	0	0	1	0	12	0	0
April	8.2	SW.	33	SW.	0	1	0	4	6	19	26	2	1	1	9	7	14	13	10	0	0	0	0	0	0	0	1	0
May	7.6	SW.	36	S.	0	3	4	1	6	23	21	3	0	1	15	7	9	11	9	0	0	0	0	0	0	0	1	0
June	7.7	SW.	52	SW.	1	1	7	5	4	20	23	0	0	0	15	9	6	9	8	0	0	0	0	0	8	0	3	0
July	7.0	SW.	52	SW.	1	1	2	3	4	21	24	4	3	0	17	8	6	4	3	0	0	0	0	0	11	0	1	0
August	6.9	SW.	39	NE.	0	1	2	4	7	22	22	3	1	0	16	7	8	8	7	0	0	0	0	0	7	0	1	0
September	6.0	S.	26	SW.	0	0	10	2	6	26	10	3	0	3	21	3	6	5	2	0	0	0	0	0	0	0	0	0
October	7.3	SW.	44	SW.	2	4	5	4	10	20	16	1	0	2	10	11	10	10	9	0	0	0	1	0	0	1	0	1
November	7.4	S.	33	S.	0	1	2	3	6	27	14	3	1	3	5	5	20	12	9	1	0	0	8	0	0	6	0	0
December	10.0	SW.	60	SW.	3	0	3	1	1	21	28	4	1	3	10	6	15	6	4	2	2	0	1	3	0	14	0	0
Year	7.3	S.	60	SW.	8	17	50	30	66	265	237	29	16	22	141	82	143	118	93	18	10	0	14	14	26	65	7	1

WASHINGTON, D. C.

[H=112 ft.; h_t=62 ft.; h_r=42 ft., h_a=85 ft.]

January	7.9	N.	42	NW.	2	15	5	3	4	10	4	2	17	2	5	9	17	12	9	10	7	0	0	15	0	29	0	0
February	7.6	NW.	39	NW.	0	11	4	6	1	11	4	3	17	1	11	6	12	7	7	7	2	0	1	8	0	24	2	0
March	7.7	N.	28	N.	0	19	5	6	9	8	4	1	9	1	10	9	12	16	11	7	5	1	2	2	0	16	1	0
April	8.9	S.	43	NW.	1	5	9	2	7	17	6	2	12	0	9	6	15	12	8	0	0	0	0	0	0	1	6	0
May	6.9	S.	36	NW.	0	10	7	2	7	18	4	7	7	0	16	6	9	9	8	0	0	0	0	0	0	0	5	0
June	5.3	N.	51	NW.	1	14	7	7	2	7	5	6	11	1	13	4	13	12	12	0	0	1	0	0	2	0	8	0
July	5.5	S.	27	S.	0	5	2	1	6	24	10	3	11	0	19	7	5	11	9	0	0	1	0	0	9	0	10	0
August	5.1	S.	28	N.	0	9	2	2	10	11	10	5	9	4	10	14	7	10	7	0	0	0	0	0	5	0	3	0
September	5.5	S.	32	NW.	0	10	10	4	7	12	4	2	11	0	10	5	15	14	11	0	0	0	0	0	5	0	6	0
October	5.5	NW.	32	NW.	0	14	2	1	3	10	8	5	17	2	24	0	7	5	4	0	0	0	0	0	0	0	0	0
November	6.8	NW.	31	NW.	0	7	0	2	3	18	6	5	17	2	13	8	9	5	4	1	1	0	2	0	0	11	0	0
December	6.3	S.	37	NW.	0	7	6	2	4	15	8	4	14	2	12	7	12	12	11	3	2	0	3	0	0	17	0	0
Year	6.6	S.	51	NW.	4	126	59	38	63	161	73	45	152	15	152	81	133	125	101	28	17	3	8	25	21	98	41	0

WICHITA, KANS.

[H=1,358 ft.; h_t=139 ft.; h_r=132 ft.; h_a=158 ft.]

January	11.8	NE.	38	NE.	0	10	15	1	5	7	8	5	11	0	14	9	8	6	0	10	4	0	3	16	0	30	0	0
February	13.3	NE.	44	NE.	1	11	14	3	3	12	1	4	10	0	12	8	9	7	4	6	5	0	0	7	0	22	0	0
March	14.2	NE.	48	NW.	2	11	20	5	9	9	0	2	6	0	8	7	16	13	10	13	7	0	0	10	0	23	1	0
April	15.6	S.	47	S.	6	7	6	2	14	19	4	0	8	0	10	12	8	9	7	0	0	1	0	0	0	1	7	0
May	14.7	S.	53	S.	5	6	5	1	17	19	1	4	9	0	15	13	3	11	8	0	0	2	0	0	2	0	9	0
June	11.3	S.	35	S.	0	6	12	3	11	22	4	1	1	0	14	11	5	10	7	0	0	0	0	0	2	0	7	0
July	13.0	S.	49	NW.	1	1	11	7	5	35	2	1	0	0	15	15	1	6	5	0	0	0	0	0	21	0	12	0
August	12.3	S.	48	NW.	3	3	3	1	4	39	5	2	5	0	17	13	1	9	8	0	0	0	0	0	16	0	9	0
September	12.2	S.	42	S.	1	9	9	3	3	27	2	1	6	0	16	6	8	8	4	0	0	0	0	0	10	0	4	0
October	13.6	S.	45	E.	2	8	7	1	12	24	1	0	9	0	20	5	6	6	5	1	0	0	0	0	0	1	5	0
November	14.4	S.	45	S.	5	12	2	4	4	24	4	2	8	0	21	7	2	1	1	1	0	1	0	0	0	9	1	0
December	13.4	S.	39	NW.	0	7	1	0	5	24	8	3	14	0	19	4	8	2	2	0	0	0	5	1	0	26	0	0
Year	13.3	S.	53	S.	26	91	105	31	92	261	40	25	87	0	181	110	75	88	61	31	16	4	8	34	51	112	55	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

WILLISTON, N. DAK.

[ϕ=48° 9′ N.; λ=103° 35′ 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	28.031	28.538	27.516	−3.1	2.6	8.5	−9.5	−0.5	40	−42	−4	2	97	96	0.043	0.056	0.44	0.10	7.1	6.7	7.9
February	28.053	28.689	27.519	8.5	14.4	20.9	2.5	11.7	39	−23	8	12	96	91	.070	.081	.17	.08	6.1	5.5	6.6
March	28.104	28.630	27.556	4.1	18.1	23.2	0.7	12.0	50	−21	3	14	95	83	.058	.090	.35	.17	5.2	4.9	5.0
April	27.894	28.220	27.511	36.0	51.8	55.5	34.3	44.9	75	21	31	34	84	54	.177	.197	1.86	.95	5.4	5.7	5.6
May	27.873	28.490	27.250	45.9	59.3	63.3	42.5	52.9	84	32	41	42	84	59	.261	.278	3.61	1.25	5.7	6.9	6.5
June	28.014	28.453	27.522	55.4	70.8	75.4	50.9	63.2	98	34	48	50	77	50	.348	.384	1.44	1.02	4.2	4.8	4.4
July	27.979	28.396	27.685	56.2	72.1	76.3	53.4	64.8	89	42	52	55	86	56	.394	.438	3.29	1.15	4.3	5.4	5.1
August	27.933	28.252	27.621	55.5	70.6	75.2	53.9	64.6	87	45	51	54	86	58	.382	.429	2.84	1.32	5.3	6.2	6.3
September	28.018	28.505	27.619	41.2	56.4	61.3	38.7	50.0	84	24	37	42	85	61	.229	.283	.89	.28	5.7	6.0	6.7
October	27.961	28.344	27.407	36.0	47.8	56.1	33.1	44.6	79	20	30	32	79	56	.168	.179	1.12	.82	5.4	4.9	5.5
November	27.971	28.546	27.627	27.2	36.3	46.1	24.3	35.2	67	12	23	27	83	67	.121	.143	.14	.14	3.8	3.8	5.5
December	27.873	28.376	27.003	19.8	25.2	35.2	11.8	23.5	52	−10	16	18	82	72	.091	.101	.18	.09	4.8	5.8	6.1
Year	27.975	28.689	27.003	31.9	43.8	49.8	28.0	38.9	98	−42	28	32	86	67	.195	.222	16.33	1.32	5.2	5.6	5.9

WILMINGTON, N. C.

[ϕ=34° 14′ N.; λ=77° 57′ W.]

January	30.008	30.392	29.579	35.3	41.8	50.3	31.6	41.0	70	12	30	32	79	71	0.178	0.199	4.14	1.16	7.1	5.5	6.3
February	29.923	30.331	29.200	37.3	44.0	52.4	33.8	43.1	71	17	31	34	76	67	.188	.211	3.38	1.12	4.5	3.1	4.7
March	30.037	30.513	29.479	48.8	53.2	62.1	44.6	53.4	80	30	44	46	84	77	.311	.328	3.21	.88	5.7	5.5	5.9
April	30.021	30.443	29.578	60.6	64.0	72.0	56.3	64.2	81	42	53	56	78	76	.435	.460	2.73	.95	4.7	3.6	4.8
May	29.924	30.249	29.616	68.3	70.6	78.1	62.8	70.4	94	54	61	63	79	78	.557	.589	4.76	1.82	4.7	4.0	4.4
June	29.970	30.267	29.655	72.6	75.0	83.0	66.8	74.9	96	53	66	66	81	76	.660	.669	6.10	3.19	5.2	5.3	5.2
July	29.992	30.239	29.594	77.1	78.8	86.0	71.9	79.0	94	65	71	72	83	80	.767	.780	2.81	1.73	4.6	4.9	4.9
August	29.945	30.122	29.696	74.6	77.4	87.0	70.7	78.8	94	60	70	72	86	84	.743	.791	2.60	.79	5.0	4.3	4.6
September	29.945	30.176	29.805	73.6	75.7	83.0	69.8	76.4	96	55	70	71	88	85	.741	.763	4.14	1.01	6.3	4.2	6.4
October	29.998	30.290	29.665	58.7	65.4	74.3	55.2	64.8	84	43	54	58	86	77	.439	.493	1.02	.46	4.1	2.6	4.6
November	30.069	30.470	29.565	46.4	54.2	64.3	43.2	53.8	78	29	39	43	76	67	.264	.301	1.39	.70	3.0	2.0	2.6
December	30.064	30.459	29.643	46.4	51.8	60.7	42.3	51.5	75	26	41	43	82	74	.294	.317	2.64	1.08	4.8	3.7	5.8
Year	29.991	30.513	29.200	58.3	62.7	71.1	54.1	62.6	96	12	52	55	82	76	.465	.492	38.92	3.19	5.0	4.1	5.0

WINNEMUCCA, NEV.

[ϕ=40° 58′ N.; λ=117° 43′ W.]

January	25.690	26.050	25.332	24.5	37.0	44.2	19.8	32.0	56	−11	21	26	86	65	0.124	0.148	0.36	0.10	5.8	6.6	6.6
February	25.703	25.980	25.327	26.6	44.6	49.0	23.0	36.0	60	6	21	26	79	49	.115	.140	.41	.21	4.5	6.6	6.3
March	25.482	25.739	25.093	27.5	45.6	50.0	24.8	37.4	65	11	22	24	79	47	.119	.132	.72	.31	5.3	6.0	5.8
April	25.523	25.784	26.155	33.6	52.9	56.8	31.2	44.0	72	20	27	26	76	38	.147	.137	.70	.39	6.4	7.1	7.1
May	25.596	25.851	25.342	40.0	64.4	70.1	38.3	54.2	84	25	32	30	73	31	.178	.166	.52	.19	4.3	6.1	5.2
June	25.581	25.779	25.324	49.0	76.9	81.4	47.5	64.4	94	33	37	32	65	23	.226	.190	1.14	.77	3.9	4.6	3.8
July	25.618	25.825	25.461	53.6	82.1	86.4	51.5	69.0	97	37	38	39	59	24	.239	.249	.52	.46	3.5	3.8	3.5
August	25.595	25.741	25.431	50.0	79.8	85.5	47.9	66.7	96	36	36	37	60	23	.219	.227	.13	.02	2.3	3.5	2.5
September	25.642	25.819	25.394	39.1	67.7	73.9	36.0	55.0	85	28	28	32	66	29	.158	.183	.34	.22	2.2	4.1	3.2
October	25.634	25.888	25.229	32.9	52.1	59.6	29.2	44.4	76	18	26	30	76	47	.140	.168	1.35	.52	2.7	4.3	4.2
November	25.732	26.055	25.371	28.7	44.2	53.9	25.3	39.6	66	15	24	29	80	56	.128	.159	.92	.71	2.8	5.0	5.2
December	25.762	26.123	25.400	21.0	34.9	43.3	16.6	30.0	57	4	16	22	82	59	.094	.119	.27	.09	2.7	5.2	5.2
Year	25.630	26.123	25.093	35.5	56.8	62.8	32.6	47.7	97	−11	27	29	73	41	.157	.168	7.38	.77	3.9	5.2	4.9

WYTHEVILLE, VA.

[ϕ=36° 56′ N.; λ=81° 5′ W.]

January	27.610	27.903	27.181	22.9	26.5	35.7	16.7	26.2	52	−3	19	22	85	82	0.114	0.129	1.75	0.61	6.4	3.9	5.3
February	27.543	27.896	26.814	24.1	31.1	39.0	21.0	30.0	57	1	21	26	86	80	.120	.145	2.71	.60	6.2	5.1	5.0
March	27.685	28.044	27.136	36.5	42.7	50.7	31.2	41.0	73	16	32	35	85	77	.198	.216	5.34	1.42	6.7	5.6	5.2
April	27.678	28.029	27.201	48.9	56.0	64.9	42.0	53.4	78	28	43	48	81	74	.294	.340	3.61	1.14	6.1	5.1	3.7
May	27.647	27.934	27.317	56.8	63.2	72.8	49.3	61.0	83	38	53	56	87	78	.406	.455	4.16	1.68	4.1	4.3	2.9
June	27.728	28.031	27.467	62.8	67.2	77.8	54.6	66.2	85	39	58	60	86	80	.500	.534	6.51	2.25	4.6	6.0	3.3
July	27.750	27.981	27.467	66.3	70.6	80.0	61.0	70.5	88	52	63	66	90	84	.586	.631	4.62	.89	4.5	5.3	4.3
August	27.706	27.860	27.411	63.9	68.6	77.8	58.8	68.3	84	45	60	62	89	81	.534	.565	1.98	.53	5.8	5.0	5.3
September	27.730	27.954	27.568	61.3	65.2	76.8	56.6	66.7	88	42	58	60	91	83	.498	.518	4.84	2.34	4.8	3.3	4.5
October	27.757	28.004	27.559	46.7	54.9	67.8	42.4	55.1	80	30	43	49	88	80	.293	.357	1.45	.80	3.8	3.1	3.4
November	27.732	28.047	27.310	35.6	40.8	52.0	30.2	41.1	68	12	29	32	76	72	.166	.189	1.74	1.20	3.5	2.9	2.8
December	27.693	28.071	27.299	30.5	37.4	45.7	27.2	36.4	66	11	26	30	84	75	.158	.183	1.61	.55	5.2	4.5	5.4
Year	27.688	28.071	26.814	46.4	52.0	61.8	40.9	51.3	88	−3	42	46	86	79	.322	.355	40.32	2.34	5.1	4.5	4.3

Annual meteorological summary for the year ending December 31, 1912—Continued.

WILLISTON, N. DAK.

[H=1,872 ft.; h_t=40 ft.; h_r=29 ft.; h_a=47 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	7.7	NW.	40	NW.	1	11	1	0	10	7	10	4	16	3	3	5	23	14	3	22	14	0	1	29	0	31	0	0
February	6.1	W.	30	W.	0	8	4	2	7	3	12	8	12	2	6	9	14	5	2	18	5	0	1	24	0	29	0	0
March	7.2	N.	30	NW.	0	16	4	2	7	3	16	8	6	0	11	12	8	7	3	10	7	0	1	21	0	31	0	0
April	9.6	N.	37	SE.	0	12	4	12	9	6	8	4	5	0	7	14	9	9	4	2	1	0	0	0	0	12	0	3
May	10.6	N.	39	NW.	0	16	5	9	6	2	5	14	5	0	4	13	14	11	9	1	0	1	0	0	0	0	2	0
June	8.7	SE.	40	NW.	1	11	10	5	19	2	3	5	5	0	13	11	6	6	4	0	0	1	0	0	5	0	6	2
July	6.7	N.	40	NW.	1	19	5	6	12	1	6	6	7	0	9	13	9	13	11	0	0	2	0	0	0	0	10	0
August	8.0	SE.	28	NW.	0	6	6	7	16	1	9	8	9	0	6	16	9	8	8	0	0	0	1	0	0	0	6	0
September	8.4	N.	34	NW.	0	16	6	1	6	2	9	10	10	0	4	13	13	9	8	1	0	1	3	0	0	7	2	0
October	8.5	SW.	45	W.	2	7	5	2	7	7	12	12	10	0	11	5	15	7	2	2	2	1	0	0	0	15	1	0
November	6.9	SW.	40	NW.	1	4	0	1	3	15	20	9	8	0	7	18	5	1	0	2	1	0	0	1	0	28	0	0
December	8.8	SW.	48	NW.	1	4	0	2	6	7	17	10	16	0	5	15	11	5	2	7	3	0	0	9	0	31	0	0
Year	8.1	N.	48	NW.	7	130	50	49	108	56	127	98	109	5	86	144	136	95	56	65	33	6	7	84	5	184	27	5

WILMINGTON, N. C.

[H=78 ft.; h_t=81 ft.; h_r=76 ft.; h_a=91 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.0	N.	36	SW.	0	8	14	3	1	4	6	12	13	1	9	7	15	15	11	2	1	0	2	5	0	15	1	0
February	8.7	W.	43	W.	2	11	10	2	1	5	11	10	8	0	13	8	8	10	7	2	2	0	2	0	0	13	2	0
March	9.1	SW.	45	SW.	1	10	12	4	5	6	13	6	6	0	8	10	13	11	11	0	0	0	1	0	0	2	0	0
April	8.9	SW.	36	SW.	0	2	7	5	5	15	16	3	7	0	11	12	7	10	9	0	0	1	3	0	0	0	3	0
May	8.1	SW.	26	S.	0	4	11	4	8	10	12	11	2	0	13	12	6	12	8	0	0	0	0	0	1	0	6	0
June	7.7	SW.	40	SW.	1	5	13	3	3	11	9	13	3	0	11	13	6	11	9	0	0	0	0	0	4	0	2	0
July	6.6	SW.	21	SW.	0	2	13	5	9	7	13	11	1	1	7	21	3	10	8	0	0	0	0	0	5	0	8	0
August	6.9	SW.	30	W.	0	1	10	5	4	2	21	16	3	0	7	22	2	11	10	0	0	0	0	0	13	0	10	0
September	6.7	NE.	30	S.	0	8	17	8	7	6	8	2	4	0	4	15	11	16	11	0	0	0	1	0	3	0	5	0
October	6.8	N.	27	N.	0	15	18	7	3	3	5	4	7	0	14	8	9	8	7	0	0	0	2	0	0	0	0	0
November	6.8	W.	30	S.	0	11	6	4	1	4	10	15	9	0	20	7	3	5	3	1	1	0	0	0	0	2	0	0
December	6.9	W.	35	NW.	0	10	9	2	1	8	14	12	5	1	9	9	13	11	9	0	0	0	4	0	0	4	0	0
Year	7.6	NE.	45	SW.	4	87	140	52	48	81	138	115	68	3	126	144	96	130	103	5	4	1	15	5	26	36	37	0

WINNEMUCCA, NEV.

[H=4,344 ft.; h_t=18 ft.; h_r=3 ft.; h_a=56 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.3	SW.	33	SW.	0	4	24	3	0	2	18	10	1	0	6	8	17	8	4	7	5	0	0	6	0	28	0	0
February	6.6	NE.	40	NW.	1	4	22	3	0	3	19	2	5	0	7	8	14	6	4	5	2	0	0	0	0	26	0	0
March	7.5	NE.	32	S.	0	4	22	1	1	6	19	8	1	0	10	7	14	9	7	12	7	0	0	0	0	29	0	0
April	7.8	SW.	45	SW.	1	3	8	3	0	6	27	8	5	0	7	3	20	7	6	4	3	0	0	0	0	18	0	0
May	7.1	SW.	42	W.	1	4	13	1	1	6	18	9	10	0	10	11	10	6	5	4	2	1	0	0	0	4	2	0
June	6.2	NE.	33	NW.	0	3	21	2	3	0	16	10	5	0	14	10	6	6	3	0	0	0	0	0	6	0	3	0
July	5.5	SW.	42	S.	1	4	14	2	2	1	18	9	12	0	19	4	8	4	3	0	0	0	0	0	10	0	2	0
August	5.4	SW.	35	SW.	0	3	17	2	1	4	16	11	8	0	22	5	4	2	1	0	0	0	0	0	12	0	2	0
September	5.4	NE.	24	SW.	0	2	31	1	1	1	10	8	6	0	18	5	7	4	3	0	0	0	0	0	0	10	1	0
October	6.1	NE.	36	S.	0	5	30	1	1	3	15	3	4	0	16	5	10	7	6	3	3	0	0	0	0	20	1	0
November	6.2	NE.	44	SW.	1	3	26	1	1	3	21	4	1	0	12	6	12	5	4	2	1	0	0	0	0	24	0	0
December	7.2	SW.	45	SW.	1	3	19	4	1	4	23	5	3	0	12	5	14	8	2	8	6	0	0	0	0	30	0	0
Year	6.4	NE.	45	SW.	6	42	247	24	12	39	220	87	61	0	153	77	136	72	48	45	29	1	0	6	28	189	11	0

WYTHEVILLE, VA.

[H=2,293 ft; h_t=40 ft.; h_r=32 ft.; h_a=47 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	7.2	W.	35	W.	0	0	2	10	0	1	2	39	3	5	11	9	11	8	7	9	5	0	0	10	0	29	0	0
February	6.8	W.	44	W.	1	0	2	10	1	0	8	27	7	3	12	7	10	12	9	10	5	0	1	8	0	25	0	0
March	5.8	W.	29	W.	0	2	5	10	4	2	7	19	13	0	11	9	11	16	14	7	4	0	0	2	0	16	0	0
April	6.1	W.	40	W.	1	0	3	7	2	6	7	24	9	2	15	12	3	12	10	1	0	0	0	0	0	4	3	0
May	4.7	W.	28	W.	0	2	4	8	7	1	8	22	9	1	20	7	4	12	11	0	0	1	0	0	0	0	4	0
June	3.8	W.	20	W.	0	2	3	13	6	0	14	19	1	2	16	12	2	16	13	0	0	0	2	0	0	0	11	0
July	3.9	W.	20	W.	0	1	3	8	8	5	16	12	5	4	12	16	3	19	15	0	0	0	4	0	0	0	10	0
August	4.7	W.	23	W.	0	3	1	4	3	4	11	28	5	3	6	20	5	16	12	0	0	0	1	0	0	0	4	0
September	3.2	E.	15	W.	0	8	8	9	6	2	4	9	8	6	17	5	8	11	7	0	0	0	2	0	0	0	2	0
October	3.7	NW.	19	NW.	0	5	1	9	4	2	6	16	14	5	18	6	7	6	5	0	0	0	2	0	0	2	0	0
November	6.9	W.	34	NW.	0	0	1	1	1	3	9	33	12	0	20	6	4	7	6	4	3	0	1	1	0	20	0	0
December	6.2	W.	25	W.	0	3	2	3	2	1	12	29	9	1	13	5	13	10	8	5	2	0	1	1	0	21	0	0
Year	5.2	W.	44	W.	2	26	35	92	44	27	104	277	95	32	171	114	81	145	117	36	19	1	14	22	0	117	34	0

Annual meteorological summary for the year ending December 31, 1912—Continued.

YANKTON, S. DAK.

[ϕ=42° 54′ N.; λ=97° 28′ 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	28.791	29.356	28.302	1.7	.....	16.0	−3.7	6.2	44	−36	−1	....	86	....	0.052	.....	0.34	0.08	3.9	.....	6.2
February	28.756	29.121	28.329	16.0	.....	29.9	12.5	21.2	51	−18	12	....	84	....	.083	.....	.46	.22	5.7	.....	5.4
March	28.806	29.301	28.501	19.3	.....	34.4	16.5	25.4	61	− 2	16	....	84	....	.093	.....	1.52	.71	5.3	.....	4.6
April	28.569	29.001	27.851	42.2	.....	60.2	39.5	49.8	82	29	36	....	78	....	.216	.....	3.19	1.60	4.9	.....	4.9
May	28.550	29.090	28.086	53.5	.....	73.3	50.0	61.6	90	36	47	....	79	....	.332	.....	4.55	3.06	5.6	.....	5.1
June	28.723	29.108	28.178	59.7	.....	77.2	56.3	66.8	97	45	52	....	77	....	.400	.....	.69	.34	5.3	.....	4.3
July	28.659	29.044	28.399	67.2	.....	85.0	63.3	74.2	99	46	61	....	81	....	.543	.....	4.84	1.92	5.4	.....	4.4
August	28.611	28.929	28.383	62.2	.....	82.2	60.0	71.1	96	53	59	....	89	....	.504	.....	2.36	.74	4.4	.....	4.1
September	28.666	29.172	28.375	52.1	.....	70.0	49.1	59.6	97	30	49	....	89	....	.379	.....	2.68	1.13	5.0	.....	5.3
October	28.681	29.106	28.178	43.1	.....	64.6	39.9	52.2	87	26	38	....	82	....	.235	.....	1.51	1.46	2.9	.....	3.5
November	28.720	29.253	28.335	32.6	.....	53.5	28.2	40.8	77	11	26	....	77	....	.142	.....	T.	T.	4.0	.....	4.6
December	28.633	29.172	28.056	23.7	.....	40.4	17.6	29.0	57	− 1	19	....	80	....	.109	.....	.49	.47	3.8	.....	5.2
Year	28.680	29.356	27.851	39.4	.....	57.2	35.8	46.5	99	−36	34	....	82	....	.257	.....	22.63	3.06	4.7	.....	4.8

YELLOWSTONE PARK, WYO.

[ϕ=44° 58′ N.; λ=110° 42′ W.]

January	23.806	24.189	23.380	18.2	21.8	28.3	12.1	20.2	44	−10	12	15	74	73	0.078	0.091	0.89	0.21	6.0	6.8	6.4
February	23.835	24.239	23.415	17.6	25.5	32.0	12.8	22.4	42	− 2	11	16	75	64	.071	.087	.48	.14	6.1	6.0	5.1
March	23.730	23.985	23.375	11.8	22.8	29.5	5.8	17.6	47	−14	8	14	82	70	.065	.085	2.57	.68	6.8	5.9	5.1
April	23.753	24.050	23.405	28.5	39.7	45.9	26.3	36.1	61	12	22	25	76	58	.118	.134	2.24	.52	6.3	7.0	6.1
May	23.849	24.200	23.532	34.1	50.3	54.3	31.9	43.1	70	23	28	28	76	45	.151	.157	2.17	.62	5.9	6.6	5.8
June	23.939	24.165	23.637	43.4	63.1	68.4	41.0	54.7	83	30	34	38	71	44	.199	.231	1.21	.42	4.1	6.0	4.5
July	23.961	24.160	23.756	45.9	63.9	70.2	43.4	56.8	83	33	40	47	80	56	.246	.326	2.37	.63	4.0	6.2	5.2
August	23.931	24.126	23.698	44.7	64.6	68.9	42.5	55.7	83	32	38	40	76	44	.231	.253	1.66	.58	3.7	4.9	4.6
September	23.941	24.168	23.648	34.5	48.4	54.2	31.3	42.8	69	21	28	29	76	49	.155	.160	1.09	.43	5.6	7.0	6.8
October	23.885	24.220	23.525	30.9	38.9	46.4	20.1	36.2	69	13	24	26	76	62	.131	.137	2.85	1.00	5.3	5.5	5.8
November	23.944	24.320	23.506	28.5	33.5	39.4	24.1	31.8	51	6	22	22	73	63	.116	.121	1.28	.35	5.7	6.2	6.0
December	23.854	24.318	23.377	16.0	19.8	25.9	10.9	18.4	38	− 8	10	14	74	78	.068	.084	1.47	.52	5.8	5.4	6.6
Year	23.869	24.320	23.375	29.5	41.0	47.0	25.7	36.3	83	−14	23	26	76	59	.136	.156	20.28	1.00	5.4	6.1	5.7

YUMA, ARIZ.

[ϕ=32° 45′ N.; λ=114° 36′ W.]

January	29.907	30.109	29.581	44.8	67.7	71.2	42.7	57.0	84	31	26	26	49	21	0.144	0.144	0	0	0.7	1.4	1.1
February	29.826	30.090	29.405	45.8	73.2	76.3	43.3	59.8	86	32	24	23	43	15	.128	.126	T.	T.	0	1.0	.7
March	29.759	30.001	29.342	49.0	70.0	73.5	46.5	60.0	83	36	38	37	67	31	.233	.223	0.78	0.70	1.0	2.3	1.9
April	29.765	30.009	29.540	51.3	78.0	80.7	49.8	65.2	91	39	38	35	61	24	.230	.209	.10	.10	.7	1.2	.9
May	29.691	29.877	29.436	60.2	88.9	90.6	59.0	74.8	105	48	46	42	61	23	.317	.277	.90	.88	1.0	1.5	1.1
June	29.601	29.760	29.362	70.0	100.9	103.1	68.9	86.0	115	59	54	50	59	20	.430	.382	.62	.62	.3	.6	.5
July	29.563	29.800	29.479	75.4	99.9	102.9	74.6	88.8	110	61	64	64	70	33	.621	.600	.18	.14	1.2	1.1	1.0
August	29.620	29.776	29.455	75.3	100.8	103.6	74.1	88.8	113	66	65	59	71	28	.632	.522	.14	.10	.5	.9	.9
September	29.641	29.767	29.450	65.6	95.2	98.9	63.9	81.4	108	56	49	48	59	21	.368	.341	0	0	.2	.4	.4
October	29.737	29.900	29.435	59.2	79.1	84.5	57.1	70.8	97	44	46	46	65	33	.324	.333	.17	.12	.7	.8	.9
November	29.883	30.087	29.597	51.6	70.4	77.9	48.5	63.2	86	43	34	38	52	31	.197	.231	0	0	.4	.6	.9
December	29.963	30.345	29.678	41.9	59.3	65.2	39.3	52.2	73	29	26	29	56	33	.149	.167	.22	.22	.5	1.0	1.0
Year	29.755	30.345	29.342	57.5	82.0	85.7	55.6	70.7	115	29	42	41	59	26	.314	.296	3.11	.88	.6	1.1	0.9

Annual meteorological summary for the year ending December 31, 1912—Continued.

YANKTON, S. DAK.

[H=1,233 ft.; h_t=49 ft.; h_r=42 ft.; h_a=57 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	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. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																									
January	8.3	NW.	35	NW.	0	4	1	1	1	5	3	6	10	0	6	11	14	7	3	16	7	0	0	26	0	31	0	0
February	8.2	NW.	33	NW.	0	4	1	0	2	2	2	4	14	0	10	7	12	4	4	13	4	0	0	16	0	28	0	0
March	8.0	NW.	27	NW.	0	3	5	2	2	3	3	6	7	0	14	7	10	10	8	12	10	0	0	15	0	28	0	0
April	10.8	NW.	42	S.	2	2	5	4	3	2	5	3	6	0	13	6	11	9	8	1	0	2	0	0	0	3	4	0
May	9.8	W.	46	NW.	1	5	4	4	4	2	1	6	5	0	7	17	7	6	6	0	0	1	0	0	1	0	9	0
June	6.9	W.	24	SW.	0	5	3	4	4	1	2	8	3	0	14	9	7	9	4	0	0	0	0	0	7	0	3	0
July	6.6	SE.	36	N.	0	4	4	4	8	5	0	2	4	0	13	12	6	11	10	0	0	1	0	0	10	0	9	0
August	6.2	NE.	32	W.	0	1	7	4	5	0	3	4	7	0	15	10	6	8	6	0	0	0	0	0	4	0	8	0
September	7.2	NW.	34	S.	0	3	3	1	2	2	5	3	8	3	10	11	9	12	8	0	0	1	2	0	5	2	3	0
October	8.4	W.	37	S.	0	4	1	3	3	4	3	6	4	3	17	9	5	3	3	0	0	0	1	0	0	5	0	0
November	7.7	NW.	37	NW.	0	2	2	1	3	4	2	6	10	0	13	13	4	0	0	1	0	0	0	0	0	23	0	0
December	9.5	NW.	31	N.	0	1	0	1	0	1	7	9	12	0	13	6	12	2	1	4	2	0	0	6	0	31	0	0
Year	8.1	NW.	46	NW.	3	38	36	29	37	31	36	63	90	6	145	118	103	81	61	47	23	5	3	63	27	151	36	0

YELLOWSTONE PARK, WYO.

[H=6,200 ft.; h_t=11 ft.; h_r=4 ft.; h_a=48 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	8.8	S.	32	SW.	0	2	0	1	2	17	25	11	2	2	4	12	15	12	12	18	12	0	0	16	0	29	0	0
February	6.7	SW.	26	S.	0	3	0	0	2	12	24	8	9	0	7	17	5	13	4	17	13	0	0	15	0	29	0	0
March	6.4	N.	38	SW.	0	10	7	0	2	10	15	4	13	1	11	10	10	16	12	19	16	0	0	18	0	31	0	0
April	8.0	SW.	38	SW.	0	2	1	1	2	21	19	2	10	2	5	14	11	15	12	16	12	0	0	0	0	28	0	0
May	8.3	SW.	36	SW.	0	4	2	0	1	17	24	3	11	0	6	15	10	16	12	9	7	0	0	0	0	17	4	0
June	7.2	SW.	35	SW.	0	5	2	1	1	21	19	1	10	0	8	17	5	11	7	2	2	3	0	0	0	3	10	0
July	6.4	SW.	32	SW.	0	8	2	1	1	14	25	4	6	1	10	11	10	15	10	0	0	1	0	0	0	0	10	0
August	7.2	SW.	48	S.	3	2	0	0	1	12	35	4	8	0	12	10	9	14	11	0	0	1	0	0	0	0	7	0
September	7.6	SW.	35	S.	0	6	1	1	1	8	18	3	22	0	3	10	17	13	9	8	5	2	0	0	0	19	2	0
October	7.6	SW.	37	S.	0	3	4	1	1	9	29	6	9	0	10	5	16	12	10	10	10	0	0	2	0	25	0	0
November	9.2	S.	34	SW.	0	1	0	0	5	26	18	6	3	1	6	15	9	11	9	11	9	0	0	1	0	27	0	0
December	9.3	S.	37	SW.	0	4	0	0	1	26	19	9	3	0	5	12	14	18	12	22	18	0	0	25	0	31	0	0
Year	7.7	SW.	48	S.	3	50	19	6	20	193	270	61	106	7	87	148	131	166	120	132	104	7	0	77	0	239	33	0

YUMA, ARIZ.

[H=141 ft.; h_t=9 ft.; h_r=2 ft.; h_a=58 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Days with 40 miles and over.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	32° or below.	90° or above.	Minimum temperature 32° or below.	Thunderstorms.	Auroras.
January	6.8	N.	28	W.	0	29	13	0	2	4	3	6	5	0	28	2	1	0	0	0	0	0	0	0	0	2	0	0
February	6.4	N.	39	N.	0	20	15	1	1	1	0	11	9	0	28	1	0	0	0	0	0	0	0	0	0	0	0	0
March	7.3	W.	35	S.	0	2	0	4	7	15	6	22	6	0	25	5	1	4	1	0	0	0	0	0	0	0	0	0
April	6.8	W.	30	W.	0	1	3	4	8	9	12	21	2	0	25	5	0	1	1	0	0	0	0	0	1	0	0	0
May	6.5	SW.	40	SE.	1	6	2	1	6	9	18	14	6	0	27	3	1	3	2	0	0	0	0	0	19	0	0	0
June	5.7	W.	25	SE.	0	3	1	0	2	11	17	19	7	0	29	0	1	1	1	0	0	0	0	0	29	0	1	0
July	5.6	SW.	31	E.	0	1	3	2	6	12	20	15	3	0	28	3	0	2	2	0	0	0	0	0	30	0	2	0
August	6.0	SW.	26	SE.	0	0	4	2	12	12	14	14	4	0	27	4	0	2	2	0	0	0	0	0	31	0	1	0
September	5.0	NE.	22	N.	0	15	11	1	1	6	5	10	11	0	29	1	0	0	0	0	0	0	0	0	29	0	0	0
October	6.2	N.	28	W.	0	17	10	1	7	6	11	7	3	0	28	2	1	2	2	0	0	0	0	0	7	0	0	0
November	6.7	N.	35	N.	0	29	17	0	1	3	3	3	4	0	27	1	2	0	0	0	0	0	0	0	0	0	0	0
December	7.6	N.	34	N.	0	41	8	1	3	1	0	1	7	0	28	2	1	1	1	0	0	0	0	0	0	3	0	0
Year	6.4	N.	40	SE.	1	164	87	17	56	89	109	143	67	0	329	29	8	16	12	0	0	0	0	0	146	5	4	0

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PART IV.

MONTHLY AND ANNUAL PRECIPITATION, 1912 (ALL STATIONS)—MONTHLY AND SEASONAL SNOWFALL, SEASON 1912-13 (SELECTED STATIONS).

The precipitation values given in the following tables have been taken largely from the records of unpaid cooperating observers. Most of the cooperating 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.

The discrepancies between the amounts recorded by separate observers when two report from the same place 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 first and last days 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 monthly and seasonal amounts of snowfall for the winter of 1912-13 are given for selected stations in the United States and Canada.

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Monthly and annual precipitation (in inches and hundredths) for 1912.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Alabama.													
Alaga	8.90	5.40	5.11	8.63	3.96	3.94	7.67	11.25	6.62	0.39	5.21	2.02	69.10
Andalusia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.10	.....	.....
Anniston	5.99	4.92	9.64	8.35	3.62	5.63	4.23	2.74	3.73	2.60	0.86	5.41	57.72
Ashville	5.67	3.18	9.77	11.29	2.23	5.34	3.09	8.74	.....	5.10	0.72	6.68	.....
Auburn	8.72	5.01	9.62	10.13	2.46	7.08	7.16	3.77	3.10	2.37	1.91	5.88	67.21
Benton	7.17	4.77	9.80	10.71	2.86	3.27	6.23	.....	6.12	3.84	1.75	5.92	.....
Bermuda	5.52	4.68	11.94	9.04	9.66	5.61	7.12	4.77	10.83	4.92	3.56	6.83	84.48
Birmingham	5.01	3.84	9.84	8.92	2.68	6.18	5.65	5.60	3.62	1.77	1.18	5.80	60.09
Bridgeport	3.46	4.41	9.44	8.50	3.83	6.87	3.44	6.86	4.58	1.59	0.99	5.65	59.62
Calera	7.01	5.90	9.44	7.82	5.17	6.39	8.99	7.22	7.02	3.09	0.91	7.01	75.97
Camp Hill	5.36	.....	6.57	8.47	1.20	4.99	7.57	4.97	2.14	1.70	1.60	2.88	.....
Cedar Bluff	4.60	7.40	10.65	7.57	3.81	4.37	3.50	3.65	.....	3.45	.....	.....	.....
Citronelle	7.84	5.24	10.81	14.38	5.07	5.37	7.40	4.60	4.78	3.99	2.01	7.47	78.96
Clanton	7.90	6.40	.....	9.90	2.74	5.93	5.05	4.46	4.31	3.93	1.59	7.11	.....
Cochrane	3.73	3.44	10.65	9.37	2.64	7.94	5.33	6.18	2.44	1.40	1.10	7.32	61.54
Cordova	4.52	4.75	11.67	9.21	2.89	5.10	3.60	5.76	4.25	2.35	1.69	6.98	62.77
Cullman	5.75	5.80	10.15	7.80	4.12	5.16	6.64	3.40	2.77	3.10	1.18	4.40	60.27
Dadeville	8.42	4.69	11.08	9.81	3.37	7.15	6.64	2.95	4.09	0.97	1.30	5.21	65.68
Daphne	4.85	6.19	8.05	15.21	5.37	4.84	5.14	4.72	5.41	5.63	2.92	5.97	74.30
Decatur	4.57	3.59	9.99	9.67	5.61	3.02	7.00	5.30	3.26	1.96	1.41	5.99	61.37
Demopolis	5.37	4.23	10.09	8.71	3.37	4.64	3.65	5.17	3.60	1.89	0.64	11.34	62.70
Dothan	.....	.....	.....	.....	.....	.....	.....	.....	6.28	3.53	5.22	4.38	.....
Eufaula	6.02	5.08	7.86	11.25	2.62	5.18	2.87	10.06	5.00	5.84	3.38	4.46	69.62
Evergreen	.....	3.92	.....	9.52	5.77	3.40	3.55	3.52	.....	4.46	3.83	6.78	.....
Flomaton	.....	.....	8.86	.....	2.36	.....	.....	1.91	4.79	3.13	.....	3.68	.....
Florence	4.74	3.96	10.51	7.98	4.13	2.42	5.65	7.59	3.21	2.24	1.07	8.17	61.67
Fort Deposit	5.22	5.31	10.20	10.81	2.15	3.66	1.89	6.63	5.40	2.35	2.83	5.45	61.90
Gadsden	5.22	5.73	9.95	9.10	3.14	5.70	3.14	8.10	2.59	3.40	1.24	5.86	63.17
Goodwater	8.84	6.70	10.08	8.69	2.35	6.93	6.38	6.54	3.30	2.18	1.40	6.62	70.01
Greensboro	5.27	4.56	10.07	8.43	3.67	6.38	7.08	2.30	3.94	1.86	0.96	9.69	64.21
Greenville	5.69	5.14	10.01	10.65	2.92	4.64	6.02	9.78	4.85	1.85	0.84	5.72	68.11
Guntersville	3.80	4.80	9.82	7.15	5.67	4.33	6.00	7.10	3.87	1.87	1.26	6.04	61.71
Hamilton	4.90	2.81	12.17	9.91	3.42	7.21	5.13	4.16	4.22	2.49	1.13	9.72	67.27
Healing Springs	.....	.....	.....	.....	.....	6.77	2.29	5.86	3.48	3.87	0.92	11.12	.....
Highland Home	8.29	6.06	11.04	10.38	1.62	6.60	2.24	6.84	4.22	2.24	3.59	7.00	70.12
Livingston	4.28	3.89	8.17	10.92	3.67	4.22	3.04	4.62	2.55	1.66	0.86	8.61	56.49
Lock No. 4	6.53	4.75	9.72	8.48	0.61	4.98	5.67	3.67	4.65	5.00	0.62	6.34	61.02
Madison	4.18	3.48	8.77	9.03	7.13	.....	.....	.....	.....	1.60	2.45	7.18	.....
Maple Grove	4.58	7.00	11.49	7.48	3.94	5.63	6.06	3.91	2.52	5.69	0.54	5.90	64.74
Mentone	5.58	5.47	9.30	.....	4.49	3.77	7.66	3.60	2.35	1.44	0.85	5.22	.....
Milstead	7.65	5.98	10.55	11.80	2.94	3.95	4.05	5.45	5.10	1.72	2.54	5.11	66.84
Mobile	4.01	5.50	6.62	17.32	7.70	4.62	6.79	8.25	5.76	11.26	3.91	8.16	89.90
Montgomery	8.71	5.66	12.45	15.94	1.34	6.79	5.65	4.58	6.31	1.69	2.44	6.33	77.89
Newbern	5.87	4.59	10.32	7.41	3.86	5.29	2.85	2.21	10.78	1.97	0.45	8.97	64.57
Oneonta	5.94	5.50	10.41	11.06	3.48	5.57	8.76	6.78	5.59	1.60	1.26	6.22	70.17
Opelika	8.16	4.51	9.61	9.21	1.14	4.98	4.43	3.78	3.63	2.40	1.96	5.46	59.27
Ozark	7.55	5.80	7.25	8.20	2.37	6.25	4.40	7.25	6.45	5.30	4.40	4.55	69.77
Prattville	.....	.....	10.26	13.50	2.05	5.71	2.91	4.56	5.58	2.88	1.85	.....	.....
Pushmataha	4.82	4.63	10.36	9.72	3.53	6.57	8.46	5.04	4.15	2.29	1.92	9.85	71.34
Riverton	2.84	3.53	9.87	8.71	4.59	3.30	3.63	6.80	3.50	1.95	1.24	9.33	59.29
Robertsdale	.....	.....	.....	.....	.....	2.38	5.94	7.25	12.38	2.71	3.10	6.13	.....
Scottsboro	3.45	5.71	8.57	6.72	5.39	4.90	4.79	6.41	3.99	1.77	0.62	5.51	57.83
Selma	7.38	4.53	9.73	12.00	3.07	4.57	5.67	4.75	3.76	4.08	1.61	7.27	68.42
Spring Hill	.....	.....	7.63	14.84	8.38	3.27	7.72	5.31	4.68	7.96	3.87	7.04	.....
Talladega	6.89	5.16	9.37	8.27	2.17	4.52	4.93	8.10	3.66	2.48	0.50	6.09	62.14
Tallassee	8.06	5.56	11.30	10.49	2.76	5.07	5.98	5.33	5.54	1.16	2.18	4.92	68.35
Thomasville	4.36	3.69	7.66	12.53	4.43	6.27	5.62	7.77	4.80	2.88	0.45	5.31	65.77
Troy	8.05	7.57	8.17	8.84	0.86	5.12	2.57	5.44	10.31	3.38	4.93	6.88	72.12
Tuscaloosa	5.09	4.18	9.98	10.41	5.26	4.82	2.94	4.44	2.85	1.95	0.83	7.87	60.62
Tuscumbia	4.09	3.26	9.72	8.19	2.40	2.32	4.43	8.36	2.34	2.01	0.86	7.34	55.32
Tuskegee	8.52	5.19	11.56	12.42	1.85	3.35	6.23	8.03	5.94	2.05	2.31	6.54	73.99
Union Springs	8.76	6.34	11.58	13.02	3.33	7.53	3.47	7.10	5.04	2.67	3.43	6.69	78.96
Uniontown	6.35	4.67	8.38	9.41	3.05	3.79	5.03	3.47	3.51	2.20	0.79	7.98	58.63
Valley Head	3.99	5.79	7.76	5.94	4.81	3.78	5.01	6.46	3.22	1.86	0.97	5.35	54.94
Wetumpka	8.53	4.83	11.33	10.89	2.57	5.52	1.83	5.75	4.95	2.65	1.43	5.15	65.43
Arizona.													
Allaires Ranch	0.04	0.73	2.32	0.14	0.35	0.31	4.31	1.45	0.90	0.33	0.09	0.30	11.27
Alpine	0.12	.....	.....	1.48	0.01	1.60	3.33	4.15	0.70	4.85	0.60	2.95	.....
Ashfork	T.	0.10	2.44	.....	.....	.....	.....	.....	T.	2.00	T.	0.20	.....
Aztec	0.00	0.00	1.19	0.65	0.07	0.00	T.	1.11	0.24	1.31	0.00	2.00	6.57
Benson	0.00	0.60	1.92	0.32	0.20	T.	3.02	2.46	0.60	0.90	0.00	0.00	10.02
Bisbee	0.03	1.20	2.32	0.59	0.06	0.53	5.34	10.15	0.92	0.30	0.22	0.52	22.18
Blue	0.00	0.65	3.11	0.15	0.05	1.19	4.48	1.80	0.41	1.63	0.00	0.90	14.37
Bonita	0.00	0.40	3.17	0.35	0.20	0.30	2.80	3.22	0.10	1.63	T.	0.40	12.57
Bowie	0.38	0.70	2.53	0.00	0.71	0.48	4.20	2.88	1.10	0.63	0.10	0.16	13.87
Buckeye	0.00	0.00	2.24	0.68	0.04	T.	1.16	0.65	0.00	1.25	T.	0.71	6.73
Camille	0.11	1.07	3.61	0.40	0.45	0.58	8.51	5.13	0.04	0.58	T.	0.36	20.84
Casa Grande	0.00	0.00	4.11	1.25	0.19	1.00	1.30	0.66	0.00	0.35	0.00	0.70	9.56
Casa Grande Ruins	0.00	T.	2.54	1.12	0.52	1.03	4.52	1.39	0.11	1.22	0.00	0.72	13.17
Cavecreek	0.00	0.00	2.79	0.64	0.50	.....	.....	.....	.....	.....	.....	.....	.....
Chin Lee	0.03	T.	0.94	0.65	0.03	0.71	1.02	1.77	0.14	1.16	0.26	0.12	6.83
Chiarson's Mill	.....	0.80	.....	.....	.....	2.37	5.64	4.64	0.56	2.98	0.11	2.18	.....
Clifton	0.34	0.38	2.98	0.24	T.	0.63	5.21	1.10	T.	0.90	0.00	0.35	12.13
Cline	0.04	T.	4.93	.....	0.48	0.32	3.03	3.58	0.70	2.52	0.00	1.49	.....
Cochise	0.00	1.20	2.20	.....	0.00	0.54	4.45	2.20	0.90	0.75	0.00	0.55	.....

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Arizona—Continued.													
Columbia	T.	0.00	6.03	1.21	0.10	0.05	8.00	1.63	0.10	3.00	0.00	1.30	21.42
Courtland	0.00	1.30	3.52	0.06	0.18	0.37	3.76	4.93	1.22	1.09	0.12	0.54	17.09
Dos Cabezos	0.00	0.90	3.16	0.47	0.65	0.13	5.84	3.06	0.70	0.73	0.57	0.63	16.84
Douglas	0.06	0.47	1.72	0.09	T.	1.21	2.31	4.17	0.82	0.70	0.17	0.96	12.68
Dudleyville	0.00	0.51	2.69	0.65	0.66	0.62	3.90	2.80	0.57	2.52	T.	0.91	15.83
Elgin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	.....
Fairbank	0.00	1.10	1.82	0.09	0.10	0.10	6.48	2.32	0.18	1.11	T.	0.25	13.55
Flagstaff (Weather Bureau)	0.02	0.02	5.23	1.98	0.05	0.40	4.96	0.61	0.08	3.65	0.13	0.56	17.69
Flagstaff (Forest Service)	0.16	0.10	5.40	0.82	0.31	0.52	3.51	0.74	0.22	4.60	0.26	0.93	17.57
Florence	0.00	0.06	2.90	1.10	0.60	0.20	2.25	0.70	0.30	0.55	0.00	0.80	8.96
Fort Apache	T.	0.03	4.76	1.08	0.00	0.14	4.02	3.81	0.72	2.68	0.02	0.09	17.35
Fort Huachuca	0.00	1.65	2.08	1.00	0.20	0.20	6.50	6.60	0.65	T.	0.24	0.68	19.80
Fort Mohave	.....	.....	.....	.....	.....	0.60	0.50	T.	0.00	0.50	0.00	T.	.....
Gila Bend	0.00	.....	2.00	0.00	0.56	0.00	1.06	2.68	0.00	0.53	0.00	0.97	.....
Globe	0.00	T.	3.96	1.03	0.59	0.52	4.42	2.60	0.16	2.46	0.01	1.52	17.27
Grand Canyon (agent railroad)	0.20	0.25	.....	1.30	T.	0.04	2.23	T.	0.00	4.88	0.00	0.70	.....
Grand Canyon (B. W. Zachau)	.....	.....	.....	.....	.....	0.61	1.55	0.33	0.11	.....	.....	.....	.....
Granite Reef Dam	0.00	0.00	3.22	0.98	0.67	0.14	2.81	2.12	T.	0.90	0.02	0.57	11.43
Greer	.....	.....	.....	.....	.....	.....	.....	3.88	0.11	2.63	.....	1.10	.....
Hereford	0.00	0.59	1.65	0.18	0.02	0.02	4.00	4.50	1.00	0.65	0.00	0.40	13.01
Holbrook	0.00	0.05	1.03	1.44	T.	0.60	2.27	1.72	0.00	1.80	0.00	0.11	9.02
Indian Oasis	0.00	T.	3.04	0.71	0.13	1.03	2.89	4.08	0.10	2.00	0.05	0.93	14.96
Intake	0.00	0.00	4.00	0.95	0.20	0.75	3.53	1.40	0.85	1.36	0.00	0.60	13.64
Jerome	T.	T.	4.92	2.37	0.35	0.39	5.79	1.36	T.	3.61	0.12	1.88	20.79
Keams Canyon	0.15	T.	2.86	0.85	0.11	0.34	2.78	0.83	0.01	3.17	T.	0.25	11.35
Kingman	0.00	0.00	.....	2.01	.....	.....	0.09	0.57	0.00	1.12	0.00	0.30	.....
Lakeside	T.	0.41	4.58	1.85	0.21	0.77	9.16	2.34	1.52	2.70	0.07	0.60	24.21
Lewis Springs	0.00	0.60	1.24	0.03	0.10	0.20	4.19	4.11	0.19	0.30	T.	0.20	11.16
Lowell Observatory	.....	.....	.....	.....	.....	.....	.....	0.62	0.03	4.60	0.25	0.52	.....
McNeal	0.00	0.59	2.37	0.18	0.03	0.45	3.16	3.85	1.09	0.58	0.04	0.27	12.61
Maricopa	0.00	0.00	1.00	0.51	0.53	0.25	1.80	1.41	0.00	2.35	0.00	1.04	8.89
Mesa	0.00	0.00	3.55	0.60	0.55	0.10	1.57	1.33	0.05	0.90	0.00	0.76	9.41
Moccasin	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.22	0.39	0.14	.....
Mohawk Summit	0.00	0.00	0.65	0.00	.....	0.00	0.19	0.48	T.	1.26	0.00	0.44	.....
Naco	0.00	0.63	4.26	0.09	T.	0.49	3.73	4.52	2.15	0.84	0.00	0.65	17.36
Natural Bridge	T.	T.	6.21	1.95	0.65	0.43	3.64	5.53	T.	3.66	0.40	0.85	23.32
Oracle	.....	.....	.....	.....	.....	.....	.....	3.81	0.34	1.46	0.10	1.33	.....
Osborn	0.00	0.62	1.97	0.08	0.03	0.48	2.85	5.49	0.68	0.07	0.00	0.30	13.57
Paradise	0.03	0.08	2.55	0.87	0.36	0.45	4.89	4.24	0.24	1.55	1.02	1.36	17.64
Parker	0.00	0.00	0.77	0.50	0.20	0.50	1.78	0.95	T.	1.45	T.	0.40	6.55
Payson	T.	0.08	6.65	1.61	1.00	0.29	1.73	.....	1.18	3.98	T.	0.97	.....
Phoenix (Weather Bureau)	0.00	0.00	1.96	0.52	0.58	0.01	1.29	0.72	0.14	0.82	0.00	0.83	6.87
Phoenix (Geo. Acuff)	0.00	T.	1.68	0.56	0.60	0.04	2.03	0.84	0.10	1.54	0.00	0.75	8.14
Phoenix (Nurseries)	0.00	0.00	2.53	0.46	0.38	0.00	1.82	2.25	0.08	1.19	T.	0.79	9.50
Pinal Ranch	0.00	0.02	8.65	1.97	0.66	1.49	5.10	4.64	0.73	3.15	0.14	1.72	28.27
Pinto	0.05	0.20	1.60	0.66	T.	0.53	2.22	1.17	0.26	2.46	0.00	T.	9.15
Prescott	T.	T.	6.04	2.26	0.69	0.80	6.19	2.21	0.30	4.22	0.03	1.23	23.97
Prescott Dry Farm	.....	.....	.....	.....	.....	.....	.....	.....	0.00	1.99	0.03	0.77	.....
Quartzsite	0.00	0.00	0.83	0.14	0.43	0.67	1.75	1.61	0.06	0.55	0.00	0.35	6.39
Redrock	0.00	0.20	2.21	0.32	0.69	.....	.....	.....	0.08	1.52	0.01	0.57	.....
Rice	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.52	0.00	0.94	.....
Roosevelt	0.00	0.00	5.06	2.78	0.36	0.02	3.95	2.18	0.10	3.33	0.00	1.07	18.85
Saceton	0.00	0.00	2.61	0.85	0.38	0.98	4.27	1.02	0.00	0.96	0.00	1.05	12.12
St. Johns	0.00	0.00	.....	.....	.....	.....	.....	2.62	0.62	0.80	0.00	0.30	.....
St. Michaels	T.	0.10	1.77	0.55	T.	0.96	1.33	1.11	T.	2.03	T.	0.05	7.90
Salome	0.00	0.00	1.50	.....	0.37	0.49	0.89	0.07	0.07	.....	0.00	0.00	.....
San Simon	0.00	.....	0.60	.....	.....	.....	.....	.....	0.25	.....	0.25	.....	.....
Seligman	0.00	0.00	.....	.....	0.00	0.07	1.50	T.	T.	2.45	T.	T.	.....
Sentinel	0.00	0.00	1.86	0.93	0.00	0.14	0.07	2.53	0.13	0.33	0.00	.....	.....
Silverbell	0.00	0.25	2.65	0.60	0.40	0.90	4.86	1.25	0.00	.....	.....	1.10	.....
Snowflake	0.00	T.	1.53	1.25	0.00	0.68	0.65	2.13	0.23	1.87	T.	0.37	8.71
Springerville	T.	.....	0.50	0.41	0.25	1.03	2.04	2.91	0.65	0.47	0.00	0.84	.....
Supai	0.10	0.02	2.27	0.87	0.01	0.32	1.62	0.89	0.05	2.32	0.19	0.35	9.01
Tempe	0.00	0.00	2.39	0.66	0.36	0.12	2.67	1.85	0.12	1.16	0.00	0.94	10.27
Thatcher	0.00	0.50	2.42	0.13	0.04	0.38	3.16	1.15	0.33	0.67	T.	0.36	9.14
Tombstone	0.00	1.28	1.83	0.21	0.37	0.58	5.42	2.05	0.83	0.57	0.00	0.53	3.67
Truxton	0.00	T.	.....	.....	.....	.....	.....	2.19	0.10	1.85	0.03	0.32	.....
Tuba	T.	T.	1.53	0.85	0.02	0.15	0.98	0.35	0.03	1.84	0.01	0.82	6.59
Tucson (University)	0.00	0.37	2.12	0.28	0.32	0.61	3.00	0.96	0.01	1.78	0.00	0.39	9.84
Tucson (J. F. Record)	0.00	0.55	3.00	0.24	0.36	0.23	3.41	1.09	0.00	1.29	0.00	0.34	10.51
Tucson (Observatory)	0.05	0.46	3.35	0.28	0.71	0.65	3.49	1.56	0.53	0.79	T.	0.22	12.09
Vail	0.00	0.50	4.00	0.05	0.00	0.00	4.06	2.32	0.35	0.02	0.00	0.15	11.45
Walnut Grove	T.	0.00	5.01	1.89	0.30	0.77	5.52	1.67	0.39	5.30	T.	0.40	21.25
Wickenburg	0.00	0.00	2.32	1.70	0.02	0.02	2.22	1.30	0.00	1.80	0.00	0.00	9.38
Willcox	0.00	0.90	2.21	0.11	0.15	0.50	3.30	1.96	0.95	1.47	0.00	0.13	11.68
Williams	0.01	0.10	6.30	1.90	0.00	0.98	4.97	1.96	0.00	3.05	0.00	0.28	19.55
Winslow	0.00	0.00	1.30	0.70	0.00	.....	.....	.....	.....	.....	.....	.....	.....
Yarnell	.....	.....	.....	.....	.....	0.63	.....	.....	.....	.....	.....	.....	.....
Yuma (Weather Bureau)	0.00	T.	0.78	0.10	0.90	0.62	0.18	0.14	0.00	0.17	0.00	0.22	3.11
Yuma (Date Orchard)	0.00	0.00	0.64	0.06	.....	0.67	0.08	0.17	T.	0.16	T.	0.20	.....
Arkansas.													
Alicia	1.19	2.40	.....	6.77	1.90	5.66	3.32	2.32	3.80	2.95	2.55	1.12	.....
Amity	3.60	.....	.....	9.40	1.75	9.35	2.85	5.47	1.55	4.37	1.3	1.73	.....
Arkadelphia (near)	2.98	2.42	9.90	9.16	1.83	8.65	3.60	6.72	3.60	2.22	0.07	4.96	56.20
Arkansas City	3.08	2.24	13.57	10.98	3.41	2.79	3.19	3.08	2.59	0.51	1.96	6.06	53.46
Batesville	3.78	3.46	6.34	6.84	1.12	4.56	3.50	1.31	2.38	1.50	2.68	0.69	38.16
Bee Branch	4.10	2.85	8.50	8.05	2.00	8.30	0.90	1.80	2.25	3.30	1.50	1.80	45.35
Benton	3.06	3.21	9.01	9.76	1.69	4.46	1.66	3.92	1.11	4.10	1.40	3.21	46.63
Bentonville	1.78	3.06	5.33	7.54	2.17	7.37	0.43	2.61	2.80	4.49	1.18	0.29	39.05
Bergman	1.71	3.66	4.38	6.70	1.06	6.12	2.68	1.87	3.71	3.32	1.98	0.55	37.74
Black Rock	2.75	2.91	4.69	8.40	2.96	6.98	4.42	2.14	4.30	1.18	3.60	1.04	45.37
Brinkley	4.02	3.29	11.04	9.44	2.05	5.48	5.81	5.02	5.33	3.61	1.80	2.76	59.65
Calico Rock	2.37	3.05	4.15	8.06	0.50	7.75	2.93	1.70	2.40	0.65	4.20	0.60	38.36
Camden	3.04	2.08	10.17	8.06	3.33	6.45	2.88	6.36	1.63	1.11	2.09	4.73	51.93

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
***Arkansas*—Continued.**													
Centerpoint	2.57	2.06	8.67	8.47	2.89	6.00	2.50	4.90	1.50	2.88	1.55	2.55	46.54
Clarendon	2.56	3.33	10.95	11.96	1.71	4.53	4.78	5.41	1.95	2.98	1.45	3.10	54.71
Conway	4.41	2.56	7.59	5.79	1.67	.....	1.16	2.21	3.56	5.64	2.00	2.30	.....
Corning	3.50	2.53	4.85	9.59	2.70	6.32	3.40	3.54	2.19	2.53	1.96	1.09	44.20
Dardanelle	3.40	2.28	6.44	6.55	2.33	5.69	1.39	2.24	2.90	3.30	3.42	0.68	40.62
Dodd City	2.34	4.50	4.70	5.92	1.33	3.69	2.95	0.93	3.14	2.80	1.70	0.40	34.40
Dumas	.....	.....	.....	.....	3.39	2.40	5.11	3.41	2.70	1.75	1.15	5.27	.....
Dutton	2.06	2.92	4.36	7.60	2.06	6.71	3.57	1.85	4.43	2.64	3.50	1.24	42.94
Eldorado	3.45	2.08	11.25	8.54	3.65	2.90	2.81	4.85	1.75	1.27	1.22	4.84	48.61
England	3.60	3.80	10.00	10.87	1.81	6.23	1.51	6.07	0.45	3.32	0.82	3.03	51.51
Eureka Springs	2.61	3.93	5.10	7.20	2.59	8.03	0.95	2.60	2.53	4.14	2.00	0.35	42.12
Fayetteville	1.96	2.92	5.41	6.67	2.58	5.21	3.06	2.10	3.34	4.43	1.98	0.75	40.41
Fordyce	4.38	2.82	12.72	8.58	3.55	5.85	2.63	5.81	1.65	1.80	1.47	4.68	55.94
Fort Smith	1.34	1.60	4.64	2.60	2.54	5.39	0.78	2.76	1.88	1.92	1.95	0.49	27.89
Fraziers Turnpike	.....	2.76	8.92	11.18	1.43	3.90	1.19	3.80	.....	.....	0.73	2.42	.....
Fulton	2.62	1.62	8.23	7.54	2.58	5.17	5.00	4.82	1.32	0.86	0.80	4.09	44.65
Georgetown	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.54	3.26	.....
Hardy	2.46	3.01	5.01	8.73	1.39	6.66	2.08	1.58	4.01	2.81	2.35	1.04	41.13
Helena	4.36	2.50	12.30	7.59	1.13	3.50	2.99	4.60	5.01	2.05	1.58	3.83	51.44
Hot Springs	2.81	2.33	11.79	11.86	1.79	7.09	1.46	2.94	1.95	5.10	T.	3.76	52.88
Huttig	3.06	1.79	12.87	4.30	6.16	3.64	3.74	5.19	1.61	1.33	0.56	5.87	50.12
Jonesboro	3.27	3.55	6.07	9.19	3.37	4.22	2.78	3.79	3.55	2.65	1.35	1.07	44.86
Junction	2.15	1.98	6.44	3.51	4.84	4.28	2.95	3.24	3.02	2.10	1.10	2.94	38.55
Lake Farm	4.43	3.87	10.58	10.08	2.07	3.27	3.60	.....	.....	.....	.....	4.51	.....
Lewisville	2.61	2.09	6.53	5.56	2.29	3.32	3.50	3.56	2.21	0.85	0.43	4.82	37.77
Little Rock	3.54	2.74	9.05	10.76	1.81	3.84	1.93	4.98	2.59	3.87	0.63	2.22	47.96
Lutherville	3.24	2.39	4.73	5.40	1.79	9.54	2.32	2.30	1.68	3.78	1.64	1.44	40.25
Malvern	4.41	2.74	8.87	10.31	2.25	5.52	2.42	3.92	1.50	3.05	2.40	3.69	51.08
Mammoth Spring	2.50	2.45	5.43	8.51	2.51	5.85	4.02	1.32	2.45	2.29	1.43	0.78	39.54
Marked Tree	5.40	4.10	7.31	.....	.....	.....	.....	.....	.....	5.50	0.69	1.93	.....
Mena	1.81	3.26	6.48	8.27	2.21	6.07	2.93	4.51	3.10	4.82	0.86	1.67	45.99
Newport	4.38	4.16	7.54	6.61	0.90	5.35	4.35	4.44	4.52	4.53	1.83	1.99	50.60
Pine Bluff	3.97	2.94	10.61	8.95	1.89	4.68	2.73	3.28	0.92	2.47	1.56	3.95	47.95
Pocahontas	2.94	3.30	5.30	10.01	2.86	7.22	5.21	1.84	3.35	2.60	2.23	0.93	47.79
Pond	1.04	2.20	5.65	6.40	2.81	8.47	0.38	2.67	3.30	5.00	1.97	0.28	40.17
Portland	2.29	1.95	11.91	6.15	4.16	3.37	3.81	1.36	1.41	1.20	2.19	6.49	46.29
Prescott	2.35	2.48	8.79	7.67	4.39	5.12	7.15	3.60	2.15	1.73	1.79	4.92	52.14
Rogers	2.67	1.81	3.82	6.27	1.46	9.12	0.41	2.75	3.09	4.04	1.50	0.05	36.99
Springbank	2.99	2.52	7.69	7.87	4.35	5.91	3.04	3.34	1.60	1.23	0.94	4.96	46.44
Stuttgart	4.54	4.10	13.35	12.94	2.43	4.05	1.36	5.26	0.97	3.13	0.88	3.37	56.38
Subiaco	2.55	2.21	6.26	3.60	1.66	7.74	1.91	1.65	1.21	4.23	1.11	0.26	34.39
Swain	2.33	2.86	4.37	8.22	1.91	7.09	2.56	3.58	5.23	2.40	2.65	1.15	44.35
Texarkana	2.33	1.32	9.19	6.30	3.89	3.90	2.25	4.91	0.70	1.18	0.58	4.33	40.85
Warren	4.02	2.70	13.81	12.85	2.62	4.27	1.97	2.75	1.70	3.67	1.88	5.39	57.63
White Cliffs	1.40	3.13	7.33	12.42	2.75	4.32	2.80	10.24	0.33	.....	.....	3.87	.....
Wiggs	2.76	2.68	11.02	10.17	1.39	7.86	3.64	2.94	1.22	5.38	0.99	3.79	53.84
Wynne	3.59	4.40	9.03	7.59	2.34	7.29	3.11	2.45	2.08	6.55	2.11	2.52	53.06
California.													
Aguanga	0.34	0.00	6.92	2.94	1.05	0.02	0.32	0.44	0.00	1.37	0.49	0.00	13.89
Alturas	0.99	0.38	1.53	2.71	1.07	0.90	0.64	0.53	0.87	0.24	0.59	0.58	11.03
Angels Camp	5.04	T.	6.01	4.93	2.52	1.10	T.	0.00	2.09	0.71	1.01	1.48	24.89
Angiola	0.40	0.00	2.44	0.44	T.	T.	0.00	0.00	T.	0.00	0.00	0.40	3.68
Antelope Valley	0.44	0.07	4.02	1.88	0.35	0.00	0.00	0.00	0.00	0.00	0.25	0.05	7.06
Antioch	1.66	0.35	1.94	0.52	1.05	0.66	0.00	0.00	0.18	0.28	0.48	0.21	7.35
Aptos	4.30	0.44	3.78	3.23	2.00	0.30	0.00	0.00	0.97	0.81	1.51	0.75	18.09
Arrowhead Springs	0.41	T.	7.69	4.34	0.47	0.02	0.00	0.06	0.00	2.88	1.36	0.00	17.23
Auburn	2.75	0.27	2.91	1.66	0.90	0.45	0.00	0.00	1.72	1.21	2.53	1.21	16.61
Avalon	0.06	0.04	6.24	1.56	0.30	0.00	0.00	0.00	0.00	0.21	0.20	T.	8.61
Azusa	0.42	0.00	7.85	2.83	0.16	0.00	0.00	0.00	0.00	0.51	0.53	0.00	12.30
Bagdad	0.00	0.00	0.00	0.00	1.75	0.00	1.00	0.00	0.00	0.18	0.00	0.00	2.93
Barstow	0.00	0.00	1.22	0.21	0.25	0.00	T.	0.00	0.00	1.10	0.21	0.00	2.99
Bear Valley 1	8.14	1.83	7.56	7.54	5.83	1.21	T.	0.00	3.43	3.30	8.46	3.92	51.22
Bear Valley 2	2.70	0.15	4.88	2.57	0.54	0.00	0.00	0.00	0.00	0.94	1.90	0.74	14.42
Bear Valley Dam	0.58	0.00	15.03	2.50	0.72	0.00	0.36	0.00	0.00	2.34	0.00	0.00	21.53
Beaumont	0.24	0.36	9.10	3.76	0.66	0.00	0.00	0.00	0.00	1.77	0.78	0.00	16.67
Beaumont (near)	0.77	0.00	9.71	4.25	0.80	0.00	0.00	0.02	0.00	2.03	0.92	0.00	18.50
Belotta	3.66	0.11	2.67	2.05	1.27	0.21	0.00	0.00	1.35	0.55	1.07	0.95	13.89
Ben Lomond	9.20	0.67	8.09	4.69	3.38	0.75	T.	0.00	2.00	0.59	2.90	2.68	34.95
Berkeley	3.65	0.54	2.96	1.47	1.56	0.85	0.00	0.00	1.46	0.70	3.89	1.62	18.70
Biggs	3.39	0.51	2.99	2.13	1.27	0.00	0.00	0.00	4.58	0.97	2.32	0.43	18.59
Bishop Creek	0.80	0.00	3.00	3.70	1.60	0.60	0.00	0.00	0.00	1.45	0.20	0.38	11.73
Blocksburg	16.17	8.38	8.86	8.37	4.46	1.17	T.	T.	6.43	4.42	12.20	9.67	80.13
Blue Canon	8.47	1.14	8.00	7.06	5.40	1.87	0.18	0.00	3.53	3.66	8.88	4.35	52.54
Boca	1.10	T.	3.50	1.54	1.30	T.	T.	0.00	0.38	4.20	0.78	1.30	10.10
Boulder Creek	7.48	0.57	7.87	3.57	2.77	0.75	0.00	0.00	1.94	0.38	1.77	2.25	29.35
Bowman's Dam	6.93	0.74	8.90	6.41	6.47	1.55	0.20	0.00	3.80	4.16	5.46	5.22	49.84
Branscomb	19.98	7.26	8.90	8.14	6.00	1.41	T.	0.00	5.60	5.77	21.17	14.06	98.29
Brawley	0.00	0.00	0.75	T.	0.45	0.25	T.	T.	0.00	T.	T.	0.10	1.55
Burney	6.28	0.57	2.77	2.86	3.04	1.64	0.00	0.00	3.56	0.97	2.78	2.47	27.04
Calexico	0.00	T.	0.56	0.00	0.53	0.27	0.19	0.85	0.00	0.00	0.00	0.00	2.40
Calistoga	5.00	0.86	6.31	2.14	2.10	1.17	0.00	0.00	3.41	0.95	5.68	2.35	29.97
Campbell	1.64	0.24	3.59	1.72	0.61	0.33	T.	0.00	0.47	0.14	0.34	0.40	9.48
Campo	0.64	0.00	10.67	3.51	1.52	0.15	0.15	0.20	0.00	0.98	0.92	0.00	18.74
Camptonville (near)	11.36	1.70	8.35	7.57	5.68	1.35	0.03	0.00	2.64	2.91	11.26	5.99	58.84
Cedarville	1.10	0.93	1.64	1.10	0.86	0.76	0.16	T.	0.72	0.23	1.29	1.39	10.18
Chester	3.08	0.90	3.26	2.31	3.24	1.04	T.	0.27	2.53	1.08	4.31	2.39	24.41
Chico	3.27	0.69	3.70	2.14	1.80	0.12	T.	0.00	4.84	1.23	3.14	1.02	21.95
Chico (near)	4.15	0.66	4.77	2.64	2.14	0.17	T.	0.00	5.59	1.39	3.44	1.17	26.12
China Flat	12.07	5.77	5.85	6.75	2.55	1.27	T.	T.	4.79	2.25	9.33	9.57	60.20
Chino	0.41	0.00	6.20	2.53	T.	0.00	0.00	0.00	0.00	0.78	0.06	0.00	9.98
Cisco	4.40	0.18	6.80	6.00	5.85	0.30	0.00	0.00	3.08	1.25	5.45	2.80	36.11
Claremont	0.58	0.01	7.51	2.79	0.09	0.03	0.00	0.00	T.	0.90	0.62	0.10	12.63
Cloverdale	6.51	1.33	5.58	3.34	2.14	1.27	0.00	0.00	2.79	1.45	5.42	3.48	33.11
Coalinga	0.20	0.00	3.17	1.71	0.31	0.00	0.00	0.00	0.00	0.00	0.34	0.00	5.73
Colfax	6.17	0.35	4.07	5.16	5.91	1.01	T.	0.00	2.80	4.23	5.92	3.21	38.83

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
Colgate	6.47	1.39	5.80	3.04	3.68	0.59	0.00	0.00	1.72	2.25	6.94	3.21	35.09
Colusa	1.54	0.21	2.04	1.04	0.93	0.17	0.00	0.00	3.20	0.27	0.39	0.44	10.23
Corning	3.48	0.31	5.40	2.06	1.31	0.21	0.00	0.00	4.61	0.15	2.33	0.86	20.72
Corona	0.32	0.00	4.23	2.04	0.31	0.00	0.00	0.03	0.00	0.73	0.11	0.00	7.77
Cuyamaca	1.30	0.02	19.87	4.38	1.69	0.42	0.84	0.64	0.01	5.53	2.40	0.07	37.17
Davisville	2.08	0.20	2.65	1.37	1.12	0.74	0.00	0.00	1.22	0.25	1.08	0.33	11.04
Deer Creek	9.32	0.87	9.04	8.11	6.13	1.45	0.04	0.00	3.54	3.23	9.00	5.06	55.79
Del Monte	2.05	0.23	2.75	2.96	0.43	0.11	0.00	0.00	0.20	0.28	0.35	0.46	9.82
Delta	12.35	2.80	10.02	7.42	5.84	0.14	T.	0.37	3.75	2.01	5.08	5.62	55.40
Denair	0.10	0.10	2.43	1.02	0.42	0.29	0.00	0.00	0.10	0.00	0.43	T.	4.89
De Sabla	13.55	2.08	11.33	5.32	4.70	0.65	0.05	0.00	7.15	2.19	10.92	5.38	63.32
Descanso	0.65	0.00	13.84	3.83	1.04	0.12	0.00	0.30	0.00	1.50	0.30	0.00	21.58
Devils Canon	0.14	0.00	9.06	4.18	0.58	0.00	0.00	0.12	0.00	1.80	1.06	0.00	16.94
Dinuba	1.42	0.11	3.35	1.63	1.24	0.00	0.00	0.00	0.13	0.09	1.03	0.54	9.54
Dobbins (near)	6.61	1.31	5.85	3.13	3.62	0.63	0.00	0.00	1.82	2.39	7.82	3.74	36.92
Downieville	6.95	0.77	7.66	7.03	5.72	1.40	T.	0.00	3.23	2.50	7.44	4.74	47.44
Dudley	0.16	0.00	3.76	1.15	0.42	0.00	0.00	0.00	0.00	0.08	0.43	0.00	6.00
Dudleys	4.55	T.	7.07	4.05	2.03	0.20	0.03	0.00	1.42	0.57	2.20	1.72	23.84
Dunnigan	1.91	0.15	2.53	1.45	1.03	0.13	0.00	0.00	4.02	0.09	1.32	0.34	12.97
Dunsmuir	11.52	3.16	8.66	4.92	5.68	1.48	1.94	0.44	4.18	2.28	7.94	5.16	57.36
Durham	3.25	0.71	4.34	2.60	1.68	0.20	0.02	0.00	5.56	1.28	3.22	1.88	24.74
East Park	2.00	0.32	3.04	1.33	1.07	1.12	0.00	0.00	1.99	0.47	1.43	0.62	13.39
Edgewood	1.88	0.48	2.24	3.19	1.69	2.80	0.03	0.17	2.40	0.96	2.08	1.09	19.01
Edison	0.66	0.00	2.61	2.80	0.72	0.00	0.00	0.00	0.07	0.12	0.78	0.54	8.30
El Cajon	0.50	0.00	7.80	2.42	1.29	0.70	0.00	0.32	0.00	0.77	0.76	0.05	14.61
Electra	4.40	0.05	5.01	3.45	2.81	0.68	T.	0.00	3.39	0.82	2.69	2.07	25.37
Emigrant Gap	8.42	1.09	7.90	5.55	2.20	0.80	0.00	0.00	1.35	3.28	4.90	2.45	37.94
Escondido	0.67	0.00	8.04	3.11	1.58	0.08	0.00	0.37	0.14	0.56	0.79	0.02	15.36
Eureka	10.17	5.73	4.73	5.92	1.98	1.29	0.05	0.08	2.40	1.55	6.86	5.83	46.59
Fairmont	0.15	T.	5.83	1.80	1.35	0.10	0.00	0.00	0.00	0.75	T.	0.00	9.98
Farmington	2.52	0.00	2.08	1.26	0.26	0.39	0.00	0.00	0.93	0.32	0.97	0.85	9.58
Felton	6.42	0.58	6.43	3.89	2.40	0.62	0.00	0.00	1.47	0.64	2.37	1.55	26.37
Folsom	4.34	0.35	2.70	3.27	1.47	0.55	0.02	T.	1.55	1.28	2.02	0.91	18.46
Fordyce Dam	7.71	1.79	8.04	6.87	7.01	1.97	0.20	0.00	5.02	3.38	8.84	5.33	56.16
Fort Bidwell	1.78	2.68	1.61	0.47	1.00	0.80	T.	0.30	0.50	0.40	1.90	1.55	12.99
Fort Bragg	9.03	2.86	6.19	4.18	1.41	0.88	0.00	0.00	3.80	2.85	7.11	5.30	43.61
Fort Ross	8.87	5.25	6.47	3.79	2.85	2.93	0.00	0.00	6.07	2.25	12.28	5.21	55.97
Fouts Springs	4.03	0.34	5.71	2.65	1.95	1.10	0.00	T.	2.10	1.35	5.13	0.70	25.06
Fresno	0.72	T.	3.02	1.86	0.41	T.	T.	0.00	0.10	0.01	0.85	0.35	7.32
Friant	1.62	0.00	3.04	1.93	0.53	0.00	T.	0.00	T.	0.05	2.24	0.70	10.10
Galt	3.01	T.	2.62	2.08	1.75	1.28	0.00	0.00	0.67	0.66	1.20	0.25	13.52
Georgetown	8.84	0.33	6.00	6.76	4.37	0.93	0.03	0.00	3.62	2.22	7.07	3.72	43.89
Gilroy	2.68	0.17	4.00	2.89	0.84	0.03	0.00	0.00	0.71	0.20	0.30	0.51	12.33
Gilta	14.33	9.65	6.15	7.36	4.62	2.00	0.04	0.11	5.09	4.11	10.20	9.22	72.88
Glenn Ranch	0.65	0.00	17.76	3.24	0.30	0.00	0.00	0.00	0.03	2.23	0.49	0.00	24.74
Glennville	1.66	0.46	3.91	3.50	0.95	T.	T.	0.00	0.06	0.19	0.96	0.58	12.27
Glenwood	5.78	0.48	6.06	4.08	2.45	0.50	0.00	0.00	2.47	0.52	1.84	1.46	25.63
Gold Run	6.98	0.85	6.55	6.10	5.80	1.15	T.	0.00	2.95	3.20	7.75	3.60	44.92
Gonzales	1.20	0.11	2.43	2.35	0.94	0.00	0.00	0.00	T.	0.07	0.20	0.32	7.60
Grass Valley	9.28	0.79	5.82	5.97	3.54	0.75	0.06	0.00	2.87	2.77	8.07	4.28	44.20
Greenland Ranch	0.00	0.00	1.10	T.	T.	0.00	0.10	0.00	0.00	0.20	0.00	0.00	1.40
Greenville	4.36	0.26	5.20	3.77	2.74	0.67	T.	0.00	1.96	0.88	5.45	2.88	28.17
Gridley	3.14	0.59	3.59	1.90	1.20	0.27	0.00	0.00	4.71	0.69	2.75	0.70	19.54
Guinda	2.19	0.19	3.86	0.25	0.99	0.35	0.00	0.00	2.03	0.18	1.84	0.95	13.33
Hanford	0.52	0.02	3.24	1.52	0.27	0.00	0.00	0.00	0.00	0.00	0.61	0.21	6.39
Head Dam	9.08	1.51	7.40	3.94	4.83	0.91	0.01	0.00	2.29	2.95	10.95	3.85	47.67
Healdsburg	7.93	1.15	4.88	2.72	2.59	1.73	T.	0.00	3.57	1.37	5.33	2.83	34.10
Heber	0.00	0.00	0.66	T.	0.34	0.15	0.02	0.13	0.00	0.00	T.	0.02	1.32
Helen Mine	17.17	2.15	10.57	7.78	5.98	1.45	0.00	0.00	9.13	2.60	14.81	7.84	79.48
Hetch Hetchy	3.79	0.34	6.73	4.29	2.71	0.78	0.04	T.	1.60	1.16	4.21	1.17	26.82
Holcomb	0.25	T.	6.21	1.42	0.51	0.00	0.46	0.00	0.00	1.37	0.44	0.07	10.73
Hollister	1.77	0.18	2.25	2.30	0.87	T.	0.00	0.00	0.15	0.22	0.57	0.42	8.73
Hornbrook	2.50	3.06	1.25	0.66	3.00	1.50	0.40	0.00	0.77	0.15	0.00	0.16	13.45
Hot Springs	1.30	0.73	5.84	4.97	0.54	0.02	0.00	0.00	0.14	0.27	1.13	0.70	15.64
Hullville	10.84	2.77	6.61	6.63	4.14	0.41	0.00	0.00	3.97	2.72	12.85	8.00	58.94
Independence	T.	0.00	1.10	0.82	0.85	0.00	0.68	0.00	0.00	0.02	0.00	0.00	3.47
Indio	0.00	0.00	1.66	0.35	0.53	0.02	0.04	0.00	0.00	1.90	0.00	T.	4.50
Inskip	14.58	1.73	11.10	7.33	6.71	1.23	0.06	0.00	7.12	2.99	10.61	5.79	69.25
Ione	3.15	0.00	2.47	2.71	1.14	0.40	0.00	0.00	2.34	0.95	1.88	0.85	15.89
Jacksonville	3.47	0.00	4.11	3.63	1.06	0.38	0.00	0.00	0.89	0.64	1.55	1.06	16.79
Jamestown	4.46	0.00	5.00	4.28	2.85	T.	T.	0.00	1.20	0.85	1.46	1.65	21.81
Jenny Lind	2.96	0.10	3.30	1.58	1.11	0.35	0.00	0.00	1.55	0.60	1.10	1.25	13.90
Jolon	1.00	0.04	5.28	3.40	0.72	0.08	0.00	0.00	0.13	0.00	0.33	0.02	11.20
Julian	1.60	0.00	15.90	3.10	1.95	0.20	0.85	0.45	0.00	3.41	2.11	0.40	29.97
Kennedy Mine	4.56	0.13	3.65	3.27	1.89	0.65	0.00	0.00	2.71	0.86	2.88	1.43	22.03
Kennett	15.32	3.68	10.32	9.29	4.57	1.43	T.	0.00	3.52	2.44	9.94	5.16	65.67
Kentfield	6.83	1.76	7.31	3.37	3.04	2.10	0.00	0.00	4.24	1.07	7.31	1.89	38.92
Kernville	0.47	0.67	2.91	1.63	0.40	0.00	0.00	0.00	0.00	0.12	0.08	0.12	6.40
King City	2.83	0.00	3.03	2.78	0.60	0.00	0.00	0.00	0.00	0.02	0.28	0.00	9.54
Knights Landing	2.47	0.30	3.08	1.45	1.04	0.47	T.	0.00	1.49	0.40	1.27	0.40	12.37
La Grange	1.79	0.00	3.13	2.19	0.69	0.30	0.00	0.00	0.65	0.29	0.77	0.72	10.53
La Jolla	1.18	T.	12.05	4.73	2.10	0.05	0.18	0.96	0.00	2.35	1.33	0.78	26.71
Lake Eleanor	3.96	0.03	7.68	4.47	2.08	0.65	0.06	0.00	1.85	0.86	3.55	1.64	26.83
La Porte	9.04	2.72	10.18	7.83	7.00	1.57	0.04	0.00	3.53	3.03	9.96	6.35	61.25
Lathrop	2.39	0.23	1.14	1.24	0.81	0.32	0.00	0.00	0.40	0.55	0.44	0.27	7.79
Laurel	7.10	0.50	6.55	4.65	2.80	0.55	0.00	0.00	2.60	0.50	1.80	1.80	28.85
Le Grand	0.62	0.00	2.64	2.19	0.23	0.00	0.00	0.00	0.15	0.18	0.82	0.39	7.22
Lemon Cove	0.91	T.	5.12	3.11	1.17	0.00	0.00	0.00	T.	0.00	0.55	0.48	11.34
Lick Observatory	4.44	0.50	3.96	2.70	1.31	0.44	0.00	0.00	2.01	0.94	2.34	2.28	20.92
Livermore	2.66	0.20	1.99	0.73	0.94	0.65	T.	0.00	0.48	0.71	0.44	0.81	9.61
Lone Pine	0.00	0.00	1.43	0.55	1.14	0.00	0.08	0.00	0.00	0.08	0.00	0.00	3.28
Long Valley	1.08	T.	1.49	1.28	0.68	0.53	0.26	0.36	0.47	0.53	0.95	0.25	7.98
Lordsburg	0.39	0.00	7.72	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.97
Los Alamos	1.59	0.00	6.77	0.85	1.12	0.00	0.00	0.00	0.00	T.	0.30	0.16	10.79
Los Angeles	0.07	0.00	6.99	1.66	0.12	0.00	T.	0.00	0.00	0.56	0.35	0.03	9.78
Los Banos	1.18	0.00	1.39	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.44

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
Los Gatos	4.15	0.28	5.52	3.66	1.61	0.33	0.00	0.00	1.59	0.24	0.70	1.19	19.27
Los Molinos	3.66	0.43	3.65	1.86	1.22	0.00	0.00	0.00	5.54	0.50	1.24	0.76	18.86
Lowe Observatory	0.50	0.00	8.12	2.67	0.87	0.00	0.00	0.00	0.00	2.20	0.60	T.	14.96
McCloud	8.96	2.55	6.07	6.10	4.96	1.46	0.03	0.12	4.76	2.34	8.62	2.85	48.82
Macdoel	0.83	1.03	0.30	1.95	0.74	1.20	0.00	0.67	1.79	0.31	2.42	1.15	12.39
Madeline	1.09	0.77	2.42	1.71	1.87	1.14	0.05	0.16	0.57	0.46	0.77	1.21	12.22
Magalia	16.82	1.85	10.62	7.69	5.67	0.59	T.	0.00	9.03	2.29	12.40	5.89	72.85
Mammoth Tank	0.00	0.00	3.45	0.15	1.10	0.15	0.00	0.00	0.00	0.50	0.00	0.01	5.36
Maricopa	0.32	0.00	3.28	0.80	0.65	0.11	0.00	0.00	0.01	0.15	0.39	0.11	5.82
Mariposa	2.90	0.00	5.64	3.36	1.15	0.10	0.03	0.00	0.60	0.24	1.69	0.95	16.66
Marysville	2.78	0.62	3.06	1.85	1.15	0.32	0.00	0.00	2.40	0.75	1.78	0.75	15.46
Mecca	0.00	0.00	1.35	T.	0.15	T.	T.	0.28	0.00	1.30	T.	0.00	3.08
Melones	4.05	0.00	4.71	3.35	1.76	0.71	0.00	0.00	1.17	0.00	1.67	1.43	19.45
Menlo Park	1.67	0.13	2.69	1.45	0.92	0.75	0.00	0.00	0.65	0.56	0.40	0.53	9.75
Merced	1.55	0.00	2.64	1.67	0.35	0.04	T.	0.00	0.13	0.20	0.58	0.34	7.50
Mesa Grande	1.14	0.00	15.31	4.60	2.13	0.29	0.24	0.43	0.09	3.58	1.82	0.18	29.81
Mill Creek (1)	6.16	0.05	8.45	4.65	4.65	1.24	0.06	0.00	3.49	1.54	4.66	2.63	37.58
Mill Creek (2)	0.92	0.02	9.31	4.77	1.01	0.05	T.	0.11	0.00	2.26	1.28	0.00	19.73
Mills College	3.23	0.49	3.00	1.68	2.06	0.63	T.	0.00	0.71	0.53	3.11	2.20	17.64
Milo	1.64	0.05	4.51	2.65	0.64	0.00	0.00	0.00	0.00	0.25	0.89	0.65	11.38
Milton, near	3.00	0.06	4.15	1.89	1.34	0.47	T.	0.00	1.60	0.54	1.15	0.93	15.13
Modesto	1.36	0.00	1.77	1.00	0.25	0.75	0.00	0.00	0.25	0.00	0.05	0.15	5.58
Mojave	0.00	0.00	5.00	0.50	0.50	0.00	0.00	0.00	0.00	0.25	0.00	0.00	6.25
Mokelumne Hill	4.20	0.10	5.03	2.78	2.40	0.90	T.	0.00	3.12	0.89	2.69	1.81	23.92
Mono Ranch	0.39	0.00	13.16	2.89	1.85	T.	T.	0.00	0.00	0.40	0.33	T.	19.02
Montague	1.31	0.79	1.87	1.46	2.45	1.68	0.07	0.34	2.30	0.54	2.35	1.13	16.29
Monterey	2.10	0.20	3.13	3.41	0.84	0.12	0.00	0.00	0.19	0.25	0.33	0.50	11.07
Monterio	1.66	0.34	6.10	1.31	0.80	0.16	0.00	0.00	0.00	1.21	1.67	0.30	13.55
Montgomery Creek	15.69	4.40	6.90	5.77	4.51	2.13	1.30	0.00	5.48	2.93	9.46	6.55	65.12
Mount Tamalpais	3.59	1.60	3.95	2.15	1.88	1.20	0.00	0.00	2.35	0.87	4.87	3.16	25.62
Napa City	3.82	0.60	4.04	1.72	1.95	0.94	0.00	0.00	2.37	0.68	4.72	1.66	22.40
Napa (S. H.)	3.16	0.58	3.37	1.47	2.12	0.89	0.00	0.00	2.52	0.54	3.94	1.35	19.94
Needles	0.00	0.00	2.31	0.10	0.00	0.25	1.34	0.15	0.00	1.15	0.00	0.15	5.45
Nevada City	6.54	0.63	6.15	5.51	3.38	0.59	0.03	0.00	2.68	2.45	6.30	3.30	37.56
Newhall	0.29	0.00	15.40	1.88	0.85	T.	0.00	0.00	0.00	0.65	0.29	0.00	19.36
Newman	1.95	0.01	2.14	0.99	0.98	0.11	0.00	0.00	0.14	0.16	0.24	0.04	6.76
North Bloomfield	6.80	0.85	6.50	5.74	3.83	0.42	0.00	0.00	3.15	2.74	6.50	3.35	39.88
North Lakeport	3.34	0.98	5.12	3.03	1.10	0.69	0.00	0.00	2.45	1.33	4.29	2.81	25.14
Oakdale	3.23	0.00	2.58	1.12	0.48	0.31	T.	0.00	0.59	0.11	0.87	0.60	8.89
Oakland	2.31	0.49	2.68	1.07	1.33	0.68	T.	0.00	0.93	0.56	2.50	1.18	13.73
Oakville	4.58	0.35	6.33	2.33	1.31	1.28	0.00	0.00	2.00	0.40	3.60	2.86	25.04
Oceanside	0.71	0.42	5.78	2.36	0.74	0.32	0.02	0.05	T.	0.44	0.68	T.	11.52
Ojai Valley	0.24	0.00	8.43	1.91	1.12	T.	T.	0.00	0.00	0.55	0.20	0.03	12.48
Orland	2.31	0.31	4.02	1.91	0.76	0.12	T.	0.00	3.82	0.57	1.57	0.47	15.86
Orleans	11.99	9.37	5.05	6.68	3.03	1.53	0.08	T.	4.64	3.58	8.84	9.23	64.02
Oroville (near)	3.81	0.86	6.79	2.36	2.20	0.25	T.	0.00	3.43	1.00	3.18	0.90	24.78
Ozena	0.51	0.10	5.93	0.65	0.77	0.00	0.00	0.00	0.00	0.15	0.57	0.00	8.68
Palermo	2.75	0.75	3.10	1.40	2.70	0.10	0.00	0.00	2.20	0.50	2.75	1.25	17.50
Palm Springs	0.00	0.00	2.53	0.12	1.00	0.00	0.04	0.00	0.00	1.90	0.07	0.00	5.66
Parkfield	1.32	0.08	5.34	3.29	0.94	0.00	0.00	0.00	0.04	0.07	0.41	0.17	11.66
Pasadena	0.18	0.00	11.83	2.62	0.22	0.00	T.	0.00	0.00	0.69	0.56	0.30	16.40
Paso Robles	1.40	0.00	5.14	2.89	0.91	0.00	0.00	0.00	0.04	0.00	0.35	0.12	10.85
Peachland	6.33	1.55	4.75	2.40	3.05	1.57	0.02	0.01	2.94	1.85	6.41	3.00	33.88
Phœnix Dam	2.18	0.00	4.30	1.92	2.50	0.41	0.00	0.00	0.00	0.87	2.49	1.84	16.51
Pilot Creek	10.14	0.25	8.69	8.41	5.19	1.22	0.05	0.00	4.88	2.23	7.94	4.61	53.61
Pinchot	0.32	0.00	6.38	1.45	2.03	0.00	0.00	0.00	0.00	0.75	0.32	0.00	11.25
Pine Crest	0.87	0.00	11.68	3.31	2.00	0.00	0.00	0.00	0.00	0.14	0.13	0.00	18.13
Placerville	5.00	0.11	3.68	4.15	2.80	0.80	0.01	0.00	3.33	1.58	3.84	1.81	27.11
Point Lobos	2.45	0.41	4.03	1.44	1.57	0.84	T.	0.00	1.27	0.51	1.91	1.37	15.80
Point Loma	0.69	0.16	4.67	2.37	0.16	0.22	0.17	0.41	0.01	0.43	0.47	0.06	9.82
Point Reyes	2.72	1.15	2.03	0.71	1.62	1.53	0.04	0.00	1.91	0.55	1.70	1.03	14.99
Porterville	1.30	0.11	3.12	2.33	0.14	0.00	T.	0.00	0.00	0.12	0.61	0.49	8.22
Prattville	4.63	0.73	4.99	2.50	2.77	0.35	0.31	T.	2.56	1.05	5.06	2.27	27.42
Priest Valley	1.44	0.00	5.62	5.47	1.82	0.00	0.00	0.00	0.01	0.00	0.55	0.46	15.37
Quincy	0.67	T.	4.22	3.20	4.05	1.01	0.33	0.20	2.52	1.78	4.39	2.45	24.82
Red Bluff	3.47	0.51	4.80	2.63	1.58	0.55	0.04	0.00	4.12	0.79	2.42	0.88	21.79
Redding	7.20	2.03	6.78	4.96	2.85	1.51	0.02	0.00	3.62	1.41	5.73	2.73	38.84
Redlands	0.37	0.00	5.87	2.85	1.73	0.00	0.16	T.	0.03	1.11	0.34	0.01	12.47
Reedley	0.94	0.00	2.47	1.49	1.24	0.00	0.00	0.00	0.00	0.30	0.99	0.43	7.86
Represa	4.63	0.38	3.36	3.61	1.66	0.57	0.03	0.00	1.10	1.03	1.98	0.96	19.31
Rialto (near)	1.02	T.	14.84	6.79	0.77	T.	0.11	0.00	T.	1.70	1.29	0.04	26.56
Rio Vista	4.30	T.	2.04	1.23	1.20	1.11	0.00	0.00	1.49	0.07	1.58	0.38	13.40
Riverside	0.45	0.00	3.64	1.79	0.38	0.00	0.00	0.05	0.01	0.78	0.19	0.02	7.31
Rocklin	3.05	0.13	2.03	3.04	1.72	0.42	0.01	0.00	1.00	1.10	2.30	1.00	16.40
Rohnerville	8.80	5.26	4.77	6.41	2.84	1.54	T.	0.15	3.58	1.80	7.24	7.23	49.62
Sacramento	2.74	0.23	1.97	1.69	0.94	0.58	0.00	0.00	1.25	0.58	0.80	0.23	11.01
St. Helena	4.25	0.64	5.83	2.23	1.63	1.27	0.00	0.00	2.85	0.78	5.68	2.48	27.64
Salinas	2.31	0.18	2.85	2.89	0.70	0.10	0.00	0.00	0.07	0.41	0.33	0.56	10.40
San Bernardino	0.75	0.00	5.18	3.67	0.52	0.00	0.00	0.06	0.01	1.42	0.47	0.01	12.09
San Diego	0.66	0.00	5.72	2.13	0.17	0.16	0.14	0.26	0.00	0.89	0.40	0.03	10.56
San Francisco	2.47	0.41	4.10	1.38	1.47	0.81	T.	0.00	1.25	0.49	1.94	1.30	15.62
San Jacinto	0.15	0.00	7.29	3.24	1.18	0.00	0.00	0.50	0.00	1.33	0.48	0.00	14.17
San Jose	1.36	0.30	2.80	1.95	0.70	0.46	T.	0.00	0.71	0.21	0.29	0.43	9.21
San Luis Obispo	2.80	0.02	5.65	2.27	2.08	0.00	T.	0.00	0.04	T.	0.79	0.24	13.89
San Mateo	3.53	0.94	3.14	1.31	1.46	0.76	0.00	0.00	0.41	0.45	1.04	0.82	13.86
San Miguel	0.81	T.	4.89	2.56	2.89	0.00	0.00	0.00	T.	T.	0.42	0.16	11.73
San Miguel Island	0.47	0.00	6.32	1.60	0.80	0.00	0.00	0.00	0.00	0.24	0.05	0.00	9.48
Santa Ana River	0.73	0.00	13.79	5.96	0.77	0.00	0.01	0.02	0.00	2.48	2.06	0.00	25.82
Santa Barbara	0.42	0.00	9.46	2.12	1.58	T.	T.	T.	T.	0.28	0.21	T.	14.09
Santa Clara	1.73	0.35	3.32	1.83	0.78	0.64	0.00	0.00	0.48	0.21	0.41	0.61	10.36
Santa Cruz	4.46	0.61	4.65	2.17	1.86	0.45	0.00	0.00	0.73	0.77	1.82	1.13	18.65
Santa Margarita	1.70	0.00	7.56	3.56	1.92	0.00	0.00	0.00	0.00	0.00	0.57	0.20	15.51
Santa Monica	0.20	0.00	5.71	1.67	0.23	0.00	0.00	0.00	0.00	0.51	0.26	T.	8.58
Santa Rosa	3.39	1.09	4.69	1.54	2.88	1.14	0.00	0.00	2.99	1.47	5.11	1.78	26.08
Sausalito	3.15	0.65	4.13	2.26	1.39	0.69	0.00	0.00	2.12	0.77	3.30	2.22	20.68
Selma	0.96	0.00	2.22	1.84	0.73	0.00	0.00	0.00	0.05	0.00	0.78	0.34	6.92

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
Seven Oaks	0.41	0.00	8.83	2.23	0.47	0.00	0.27	0.00	0.00	1.68	1.53	0.00	15.42
Shively	12.70	3.99	7.91	9.81	3.71	1.15	0.00	0.00	4.41	3.42	11.21	8.61	66.92
Sierra Madre	0.35	T.	13.95	4.61	1.22	0.10	T.	0.00	T.	1.17	0.48	0.15	22.03
Sierraville	2.20	0.00	2.73	2.31	1.54	0.83	0.00	0.21	1.23	1.14	3.71	1.90	17.80
Sisquoc Ranch	0.80	0.00	5.46	1.92	0.41	0.00	0.00	0.00	0.00	0.00	0.36	0.20	9.15
Sisson	6.66	1.62	6.38	4.13	2.20	0.90	0.48	0.56	3.12	1.77	5.15	0.77	33.74
Soledad	0.71	0.00	2.25	3.17	0.70	0.00	0.00	0.00	0.00	0.00	0.17	0.35	7.35
Sonora	3.49	0.00	4.73	3.68	2.24	0.47	0.00	0.00	1.27	0.86	1.51	1.43	19.68
Southeast Farallon	1.97	0.52	1.85	1.24	1.40	1.97	0.01	0.00	1.74	0.40	1.33	0.88	13.31
Spreckels	2.29	0.13	3.07	2.82	0.58	0.09	0.00	0.00	0.05	0.30	0.14	0.54	10.01
Springville	2.20	0.70	7.00	4.52	0.04	0.00	T.	0.00	0.35	0.75	1.25	T.	16.81
Squirrel Inn	0.62	T.	15.75	6.51	1.11	0.00	T.	0.31	0.00	2.32	1.91	0.00	28.53
Stanwood	9.73	1.59	6.92	4.76	4.71	0.57	0.00	0.00	4.85	1.95	10.73	3.75	49.56
Stirling City	12.03	1.10	10.26	5.10	4.80	0.25	0.10	0.00	9.15	2.25	13.55	5.30	63.89
Stockton (S. H.)	2.56	0.16	1.57	1.54	1.32	0.25	T.	0.00	1.39	0.40	0.62	0.24	10.05
Storey	0.35	0.00	2.72	1.81	0.40	0.00	0.00	0.00	0.00	0.00	1.00	0.00	6.28
Sulsun	4.72	0.37	2.32	1.67	1.46	0.61	0.00	0.00	0.74	0.46	2.60	0.90	15.85
Sulphur Banks	2.87	0.34	3.46	1.53	1.14	0.59	0.00	0.00	2.69	0.93	2.73	1.47	17.75
Summit	3.24	0.46	6.10	3.50	1.88	0.20	0.30	0.00	0.81	1.50	4.60	4.00	26.59
Tamarack	4.40	0.50	5.89	7.00	3.26	1.08	0.68	0.00	2.15	1.26	4.92	4.99	36.13
Tehachapi	1.35	0.00	2.59	1.83	0.57	0.00	0.00	0.00	0.01	1.16	0.37	0.15	8.03
Tehama	4.32	0.26	4.75	1.39	0.85	T.	0.00	0.00	5.86	0.12	1.72	0.70	19.97
Tejon Rancho	1.12	0.20	6.03	1.57	0.75	0.00	0.00	0.00	0.17	0.58	1.49	0.28	12.19
Three Rivers	1.10	0.04	4.38	3.63	0.88	0.00	T.	0.00	0.03	0.32	0.76	0.20	11.34
Tracy	1.00	0.40	0.80	1.24	0.59	0.38	0.00	0.00	0.19	0.17	0.59	0.07	5.43
Truckee	1.80	0.00	5.90	1.80	0.00	T.	0.00	0.00	1.50	0.20	1.20	T.	12.40
Tulare	0.96	0.08	2.79	1.60	T.	0.00	T.	0.00	0.00	T.	0.53	0.32	6.28
Tustin (near)	0.17	0.00	4.43	1.82	0.24	0.00	0.00	T.	0.00	0.84	0.48	0.09	8.07
Ukiah	5.73	1.73	5.44	3.81	1.78	0.44	0.00	0.00	2.93	1.89	7.05	5.45	36.25
Upper Lake	2.91	1.07	4.60	2.87	1.91	0.32	0.00	0.00	2.56	1.24	5.26	2.94	25.68
Upper Mattole	23.42	8.11	9.49	13.86	5.70	1.52	0.00	0.00	5.88	5.57	17.47	11.58	102.60
Vacaville	2.73	0.31	3.66	1.83	1.43	0.00	0.00	0.00	1.11	0.47	3.69	0.95	16.18
Valley Springs	3.24	0.03	4.09	1.58	1.25	0.51	0.00	0.00	1.64	0.66	1.68	0.95	15.63
Warner Springs	0.16	T.	7.29	3.19	1.09	0.22	0.66	0.39	0.00	3.07	0.98	0.00	17.05
Wasco	0.22	0.00	2.36	1.01	0.05	0.00	0.00	0.00	T.	0.00	0.00	0.12	3.76
Watsonville	2.54	0.47	3.75	2.78	1.64	0.14	0.00	0.00	0.66	0.47	0.79	0.44	13.68
Weitchpec	20.75	18.16	7.44	8.92	6.98	1.98	0.00	0.27	5.96	6.15	15.21	15.59	107.41
West Branch	11.54	1.97	10.22	5.50	5.52	0.88	T.	0.00	6.88	2.63	13.06	5.69	63.89
Westley	2.13	0.14	2.61	1.22	0.78	0.70	0.00	0.00	0.00	0.10	0.49	0.00	8.17
West Point	3.01	0.02	7.54	3.71	3.89	1.22	T.	0.00	3.07	1.61	3.99	2.47	30.53
West Satiooy	0.35	0.00	6.63	1.10	0.75	0.00	0.00	0.00	0.00	0.55	0.22	T.	9.60
Wheatland	3.46	0.72	3.06	2.53	1.52	0.28	T.	0.00	2.02	0.82	1.50	0.86	16.77
Willows	1.95	0.26	4.54	1.86	1.16	0.19	T.	0.00	3.37	0.48	1.83	0.42	16.06
Yosemite	3.20	0.18	6.29	3.32	0.74	0.14	0.00	0.00	1.68	0.76	3.00	1.18	20.49
Colorado.													
Akron	0.02	0.64	.....	1.88	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arriba (near)	0.00	1.70	0.05	1.59	3.02	3.37	2.93	3.41	1.59	1.51	0.05	1.04	20.26
Ashcroft	1.39	0.96	4.32	0.80	1.48	2.77	2.59	1.17	1.72	2.43	0.37	.....	.....
Auldhurst	0.16	1.25	0.77	2.48	5.56	2.84	4.99	1.71	2.56	1.34	.....	0.35	.....
Bennett (near)	.....	.....	0.25	1.20	2.73	3.31	2.10	2.58	2.48	1.76	0.59	0.38	.....
Blanca	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.71	T.	T.	.....
Boulder	.....	.....	.....	1.71	2.82	1.91	3.33	1.77	2.70	1.03	0.93	0.46	.....
Breckenridge	1.30	1.20	1.57	0.73	1.09	1.54	.....	.....	.....	.....	1.00	1.08	.....
Buena Vista (near)	T.	0.60	0.97	0.30	0.15	2.40	3.30	.....	0.85	0.66	T.	0.27	11.25
Buford	1.88	1.41	2.97	2.15	1.23	1.54	2.10	1.91	1.47	.....	.....	.....	.....
Burlington	0.00	0.80	0.72	1.79	1.41	3.43	6.64	3.83	2.24	0.69	0.18	0.15	21.88
Calhan	0.11	0.97	0.85	1.14	3.15	2.52	3.49	2.80	2.09	0.83	.....	0.22	.....
Canon City	0.12	0.31	1.57	1.19	1.31	2.59	2.52	2.11	0.90	0.70	T.	0.14	13.46
Cascade	1.39	0.67	9.12	3.10	0.36	4.11	3.73	2.66	0.50	5.73	1.08	0.65	33.10
Cassells	0.24	0.66	1.15	1.10	1.44	2.73	3.40	1.02	1.49	1.80	0.16	0.64	15.83
Castle Rock	0.43	1.29	0.59	0.93	3.63	3.50	3.47	4.38	2.50	0.59	0.97	0.69	22.97
Cedaredge	0.39	0.27	4.85	0.85	0.68	0.46	1.42	.....	0.37	1.85	0.53	0.39	.....
Cheesman	0.15	1.81	1.08	1.28	3.80	2.52	4.55	1.44	1.75	0.46	T.	0.41	19.25
Cheyenne Wells	T.	1.53	1.40	0.63	0.34	3.30	3.20	2.77	2.16	0.42	0.10	0.02	15.87
Chromo	0.40	0.30	4.36	1.10	0.10	1.37	1.40	1.85	.....	.....	.....	.....	.....
Cochetopa	0.47	0.14	0.66	0.15	0.23	1.32	.....	1.44	0.68	1.40	0.58	0.59	.....
Collbran	0.95	0.74	3.89	2.41	0.99	0.98	2.00	2.22	0.22	2.24	1.05	0.94	18.63
Colorado Springs	0.02	0.47	0.77	1.56	2.49	2.96	2.66	1.00	0.60	0.62	0.02	0.06	13.23
Columbine	1.14	2.35	2.68	2.26	0.17	1.05	4.67	2.41	1.33	1.81	0.54	1.16	21.57
Columbine Ranch	1.27	0.45	8.92	2.45	0.83	1.35	1.62	2.15	1.67	3.17	1.34	1.32	26.54
Cope	0.26	2.46	1.90	1.98	1.24	7.49	4.14	6.44	1.73	1.26	T.	.....	.....
Corona	5.72	7.91	7.90	5.80	5.16	2.90	4.54	1.64	3.91	3.85	3.72	.....	.....
Cortez	.....	.....	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....
Craig	.....	0.69	1.67	0.91	.....	.....	1.18	.....	0.50	1.11	0.25	.....	.....
Crawford (near)	0.60	0.14	2.63	0.99	0.73	2.22	2.54	1.50	0.88	1.15	0.62	0.54	14.54
Crested Butte	2.35	1.02	8.00	1.70	1.10	2.06	2.84	1.65	1.77	2.00	0.85	1.53	26.87
Cripple Creek	T.	0.47	0.81	1.19	2.03	3.33	T.	3.19	0.91	0.84	0.09	0.29	13.15
Cuchara Camps	1.12	3.26	4.88	4.58	1.72	3.47	3.82	1.72	0.94	1.75	0.44	0.81	28.51
Cumbres	1.40	1.47	7.73	2.02	0.26	2.37	2.48	1.54	0.21	3.23	0.58	0.91	24.20
De Beque	0.63	0.06	3.91	0.87	0.89	.....	.....	.....	.....	.....	.....	.....	.....
Delta	0.18	0.10	3.39	0.78	0.52	0.26	1.09	0.56	0.15	1.47	0.48	0.09	9.07
Denver	0.12	1.34	0.87	0.89	4.18	2.27	2.90	1.07	2.01	1.69	1.14	0.45	18.93
Dillon	2.88	1.71	3.56	.....	1.91	1.86	5.64	.....	.....	.....	.....	.....	.....
Durango	0.21	0.47	4.51	1.58	0.08	0.89	2.29	2.57	0.04	2.70	0.40	0.44	16.18
Eads	.....	0.80	0.70	T.	0.68	1.00	4.45	0.30	0.95	0.30	T.	T.	.....
Edgewater	0.02	0.89	.....	1.03	.....	4.46	2.24	2.08	3.06	1.70	1.38	0.54	.....
Estes Park Fish Hatchery	0.45	1.35	2.89	1.82	2.84	2.41	2.69	0.80	3.29	2.76	0.75	0.30	22.35
Eureka	1.45	0.94	6.52	1.83	0.67	1.34	1.48	0.81	1.83	1.73	0.80	0.80	20.20
Fairview	0.43	4.92	5.47	3.72	5.32	2.20	3.13	2.38	2.30	1.50	0.43	1.34	33.14
Fort Collins	0.37	1.65	1.79	0.90	2.84	2.43	2.93	1.21	2.66	2.03	0.59	0.21	19.61
Fort Lupton	0.23	1.37	0.73	1.33	3.71	2.35	1.77	0.50	1.97	1.13	0.82	0.58	16.49
Fort Morgan	0.11	0.92	0.83	0.49	2.75	3.91	2.92	1.81	2.90	1.10	0.63	0.16	18.53
Frances	2.23	3.01	2.98	4.12	3.63	3.50	4.21	1.48	3.91	2.55	0.56	1.54	33.72
Fraser	0.96	2.36	3.20	1.97	1.28	1.58	3.79	0.92	1.73	1.11	0.38	1.30	20.58

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Colorado—Continued.													
Fremont Experiment Station	0.06	1.12	0.42	1.56	2.67	4.26	4.62	1.82	1.17	1.59	0.17	0.22	19.68
Fruita (near)	0.54	0.27	2.31	0.83	0.57	0.20	1.23	1.45	0.14	1.69	1.06	0.56	10.85
Fry's Ranch	0.64	1.02	1.93	1.61	2.63	2.30	3.19	0.57	3.36	2.52	0.38	0.32	20.47
Garfield	0.99	1.95	3.07	1.00	1.53	3.69	2.40	1.44	1.77	1.12	0.46	1.23	20.65
Garnett	0.13	0.13	0.29	0.05	0.02	1.63	0.69	1.25	0.04	0.39	T.	0.18	4.80
Georgetown	0.62	0.99	1.70	1.41	1.79	4.35	2.59	1.70	1.60	1.62	0.23	0.45	19.05
Glade Park	0.37	0.30	3.81	1.19	0.64	0.28	1.57	0.89	0.05	2.20	0.63	0.45	12.38
Gladstone	2.16						3.61	2.78	0.77	4.50	1.66	2.11	
Glenwood Springs (near)	0.65	0.49	4.13	0.84	0.22	0.60	2.63	1.30	0.34	0.95	0.42	0.56	13.13
Grand Junction	0.44	0.16	2.36	0.36	0.38	1.37	0.78	1.35	0.03	1.24	0.46	0.17	9.04
Grandlake	1.79	2.03	0.81	1.51	2.22	3.30	4.42	0.40	1.15	0.45	0.24	0.90	19.22
Grand Valley	0.38	0.29	4.20	1.11	0.64	0.81	0.80	1.30	0.41	2.91	0.79	0.49	14.13
Greeley	0.49	0.96	1.64	1.61	2.86	2.49	1.25	0.51	2.81	1.42	0.50	0.13	16.67
Grover (near)	0.59	1.60	1.82	2.12	1.73	2.82	1.48	1.96	2.22	1.91		0.48	
Gunnison	0.64	0.25	0.94	0.23	0.38	1.91	1.44	1.12	0.68	0.30	0.06	0.43	8.38
Hamps	0.02	0.92	0.48	1.13	1.59	2.30	2.20	1.50	0.76	0.54	0.12	0.07	11.63
Hartsel	0.01	0.16	0.09	0.62	1.06	2.05	3.78	1.18	0.66	0.69	0.02	0.12	10.44
Hawthorne	0.69	2.30	1.81	1.79	4.75	3.46	3.90	1.75	3.29	1.94	1.22	0.85	27.75
Hermit	0.30	0.61	3.65	1.49	0.53	1.99	2.56	1.76	0.35	2.14	0.45	0.44	16.27
Hermit Lake	2.07	3.14	9.31	7.64	3.70	4.11	3.73	1.95	1.46	4.44	0.26	1.45	43.26
Hesperus (near)	0.04	0.22	2.24	0.90	0.10	1.51	2.42	2.94	T.	2.69	0.20	0.17	13.70
Hoehne (near)	0.10	2.00	0.85	1.40	1.73	3.21	2.01	1.25	1.01	0.46	0.38	0.31	14.71
Holly	T.	0.32	0.43	0.93	0.60	2.56	2.77	2.13	1.51	0.19	0.25	0.03	11.72
Holyoke (near)	0.39	0.82	1.43	0.91	1.26	2.76	4.45	4.55	1.93	1.07	0.05	0.23	19.85
Horsefly	1.40	0.71	5.70	3.97	0.23	1.86	2.75	1.21	1.05	6.02	0.76	1.75	27.41
Idaho Springs	0.32	1.10	0.98	0.94	2.49	3.49	3.57	1.26	1.20	1.13	0.18	0.45	17.11
Ironton	2.20	1.81	4.73	2.08	1.45	2.25	3.83	1.52	1.35	4.05	1.57	1.51	28.35
Julesburg	0.31	0.83	2.15	0.92	2.61	1.39	2.97	2.77		1.69	0.02	0.02	
Keota	0.27	0.79	0.61	2.00									
Kersey		1.03	1.20	2.00	3.55	2.37	3.45	1.30	3.63	2.08		0.20	
Ladore	0.05	0.15	1.08										
La Junta		1.13	0.65	0.58	1.58								
Lake City	0.53	0.79	1.51	0.84	0.44	2.69	2.45	1.44	0.84	1.65	0.18	0.60	13.96
Lake Moraine	0.05	1.53	0.91	2.23	2.66	3.65	3.25	2.99	0.13	1.67	0.17	0.38	19.62
Lamar	0.03	1.40	1.20	1.15	1.07	2.22	3.82	3.54	2.00	0.32	0.10	T.	16.85
La Porte	0.34	2.04	1.45	0.06	2.83	2.25	3.44	2.76	2.16		0.81	0.36	
Las Animas	0.14	1.21	1.01										
La Veta Pass	0.85	2.45	2.85	1.47	1.26	1.35	1.98	1.08	0.92	1.75	0.11	1.11	17.18
Lay	0.90	0.89	1.58	1.10	0.74	1.24	1.69	2.22	0.28	2.15	0.93	0.25	13.97
Leadville	1.14	1.35	1.92	0.62	1.01	2.11	2.48	0.83	1.42	1.73	0.21	0.81	15.63
Le Roy (near)	0.26	1.16	1.65	2.62	2.58	3.32	1.84	1.60	2.31	2.52	0.42	0.16	20.44
Limon (near)	T.	0.20	0.60	1.40	2.69	3.67	5.40	2.54	1.37	0.78	0.12	0.20	18.97
Longmont	0.58	1.32	1.40	1.26	3.05	2.23	2.74	0.98	2.52	1.44	0.57	0.14	18.23
Longs Peak (near)	1.00	2.51	3.35	3.04	4.40	2.81	4.39	2.66	2.19	2.21	0.90	0.38	29.84
Madrid	0.14	0.99	0.90	1.37	2.02	2.98	2.52	1.38	0.51	1.07	0.09	0.26	14.23
Manassa	T.	0.32	0.38	0.37	0.42	1.44	0.82	0.93	0.02	0.35	T.	T.	5.05
Mancos	0.82	0.59	4.05	1.78	0.31	1.46	2.18	2.49	0.24	3.06	0.51	0.40	17.89
Manitou	0.07	0.51	0.53	0.74	2.75	5.31							
Marble	1.51	0.78	8.08	2.97	2.14	2.56	2.13	1.69	1.49	2.98	0.95	0.86	28.14
Marshall Pass	4.08	3.35	2.71	1.33	0.54	3.32	2.39	0.90	1.34	1.58	0.59	1.51	23.64
Meeker (near)	0.52	0.60	1.79	1.15	1.00	2.01	3.59	1.75	0.94	1.76	0.84	0.67	16.62
Merino					2.68	2.08	1.64	4.63	2.87	1.53		T.	
Montrose	0.48	T.	2.46	0.53	0.62	1.31	1.59	1.18	0.91	1.50	0.06	0.27	10.91
Monument	0.19	1.76	0.30	1.17	3.76	2.48	3.65	1.70	1.71	1.81	0.80	1.46	20.79
Moraine	0.43	1.22	2.25	0.50	1.08	2.39	2.71	0.53	2.70	1.84	0.42	0.33	16.40
Nast	1.62	0.80	2.14	0.69	0.90	1.75	3.71	0.00	0.58	1.79	0.38	1.36	15.72
North Lake	0.41	1.16	2.60	3.05	1.66	3.14	2.57	1.95	0.37	1.28	0.07	0.23	18.49
Oro	1.27	1.44	1.82										
Pagoda		1.43	0.60										
Pagosa Springs	0.57	0.45	5.21	1.87	0.33	1.46	2.89	1.42	0.21	3.64	0.31	0.79	19.15
Palisades		0.12	1.77	0.75	0.50			0.91	T.	2.19	0.44	0.43	
Paonia	0.74	0.17	6.40	1.40	0.82	0.80	1.50	1.70	1.20	3.02	1.05	0.58	19.38
Parshall	0.10		1.55										
Pitkin	1.08	0.52	2.39	0.91	0.70	1.80	2.14	1.31	0.99	1.09	0.72	0.99	14.64
Platoro	0.47	0.75	5.00	3.64	0.67	1.60	2.31	1.81	0.66	4.10	0.50	1.06	22.57
Platte Canon	0.06	1.04	0.21	0.60	3.77	2.61	1.16	2.13	2.42	1.19	1.14	0.67	17.00
Pueblo	0.18	0.40	0.53	1.21	1.55	2.24	2.50	1.85	0.52	0.58	T.	0.02	11.58
Pyramid		2.69	1.48	1.40	0.84	1.84	2.29	1.39					
Rangely		0.50	0.91	0.60	0.50	0.70	1.10						
Redcliff	3.21	2.68	5.88	2.02	3.65	5.66	2.89	1.05	1.63	0.70	0.67	1.98	32.02
Redvale						0.98	2.85	0.63	0.37	2.96	0.34	0.60	
Rice	1.16	0.53	4.30	1.15	0.13	2.72		0.54	0.36	0.52	0.62	0.67	
Rifle	0.33	0.17	2.77	0.63	0.28	0.48	0.98	1.02	0.46	1.62	0.70	0.51	9.95
River Portal	0.74	0.04	3.35	1.01	0.55	2.29	1.09	1.35	0.85	2.38	0.35	0.52	14.52
Rocky Ford (near)	0.16	0.70	0.16	0.65	1.70	1.57	1.22	0.82	1.77	0.40	0.00	0.00	9.15
Saguache	0.13	0.05	0.58	1.11	T.	1.75	1.27	1.65	1.00	0.50	0.00	0.27	8.31
St. Cloud	0.46	1.20	0.81	1.82	1.68	1.54	4.89	0.77	3.67	1.66	0.61	0.56	19.67
St. Elmo	0.75	1.41	3.74	0.68	1.04	1.77	3.24	1.55	1.71	1.31	0.16	0.72	18.08
Salida	T.	1.30	0.71	0.40	1.26	2.79	3.14	0.67	1.10	0.87	0.15	0.32	12.71
San Luis	0.03	0.11	.73	1.16	0.68	2.70	0.96	1.64	0.19	1.00	0.12	0.41	9.73
Santa Clara	0.23	1.93	1.46	2.16	3.75	4.43	5.55	3.01	2.79	0.92	0.36	0.90	27.49
Sapinero (near)	1.37	0.87	3.99	2.12	1.81	2.40	1.71	1.04	1.31	2.00	0.71	1.27	20.60
Sedgwick	1.10	1.28	2.55	0.66	2.76	1.70	2.79	4.62	2.32	0.80	0.40	0.16	21.14
Sheridan Lake			2.20				7.03						
Shoshone	1.62	0.55	3.60	1.93	0.91	1.39	3.00	1.51	0.74	1.91	0.68	0.71	18.55
Sill Mine	4.34	6.08	3.80	5.73	2.56	2.20							
Silver Lake	4.10	6.42	6.05	4.14	4.51				3.64				
Silverton (near)	1.46	0.59	6.83	1.90	0.20	4.22	4.17	2.24	0.66	3.50	1.02	0.65	27.44
Spicer (near)	0.70	0.88	1.49	0.34	0.72	3.30	2.19	1.30	2.48	0.86	0.50	0.65	15.41
Spruce Lodge	3.56	3.93	4.48	3.48	2.95	4.22	4.46	2.03	1.69	2.03	1.50	1.70	36.03
Steamboat Springs	2.67	3.57	3.20	1.76	1.27	2.66	4.98	3.24	1.25	1.54	1.10	1.91	29.15
Sterling	0.30	0.26	0.82	1.52	2.02	3.11	2.17	2.65	3.38	2.28	0.30	0.06	18.87
Stonewall	0.09	0.72	1.28	1.28	1.39	5.65	4.47	2.43	0.26	1.40	0.00	T.	17.97
Tacoma	0.75	0.76	4.92	1.22	0.10	1.84	1.84	2.85	0.26	3.51	0.58	0.39	19.02
Telluride	1.57	1.03	3.95	2.48	0.70	2.52	3.09	2.68	0.83	3.37	0.76	1.06	24.04
Terminal Dam	0.83	0.60		1.81	0.00	2.02	1.85	3.22	0.00	4.09	0.54	0.46	

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Colorado—Continued.													
Trinidad	0.20	2.36	1.09	1.32	1.75	2.95	2.19	1.98	1.20	0.42	0.63	0.52	16.61
Two Buttes	0.11	2.06	2.02	1.47	1.89	2.98	0.85	2.03	.....	0.22	0.35	0.07	.....
Two Buttes Reservoir	.....	.....	.....	.....	.....	.....	.....	.....	0.75	0.19	0.47	0.06	.....
Uncompahgre Plateau	1.69	0.93	11.64	3.54	1.24	0.86	2.36	1.18	.....	.....	.....	.....	.....
Victor (near)	T.	0.39	0.75	0.50	1.21	2.69	5.20	2.25	0.72	0.86	T.	0.29	14.86
Vilas	.....	1.25	0.33	2.30	.....	2.65	1.47	1.69	1.52	T.	0.00	0.00	.....
Wagon Wheel Gap Experiment Station	0.30	0.34	2.52	1.16	0.31	1.96	3.58	1.44	0.27	2.41	0.46	0.57	15.32
Waterdale	0.22	1.51	1.61	2.48	1.42	2.21	1.40	1.46	3.04	1.78	0.45	T.	17.58
Wayne	0.00	0.02	0.34	1.10	2.68	2.56	3.31	3.47	1.17	0.55	.....	T.	.....
Westcliffe	0.03	0.44	1.47	1.48	1.32	1.54	1.47	1.15	0.57	0.88	0.03	0.43	10.81
Winfield	0.34	0.34	2.61	0.25	0.76	3.31	2.67	1.03	.....	.....	0.14	0.40	.....
Woodman Sanatorium	0.00	0.70	0.28	1.27	2.99	1.44	2.43	1.23	0.45	0.48	0.46	0.53	12.26
Wortman	2.40	2.17	3.13	1.25	1.05	2.85	2.21	0.30	0.62	2.22	0.70	1.25	20.15
Wray	0.19	1.20	1.53	1.52	1.60	5.25	5.88	5.16	1.38	1.37	0.16	0.17	25.41
Yampa (near)	0.52	1.17	1.89	0.98	0.77	1.99	4.67	1.51	1.66	1.52	0.36	0.74	17.78
Yuma	0.05	0.86	1.10	0.86	1.84	3.83	4.86	4.51	1.37	1.44	0.03	0.05	20.80
Connecticut.													
Bridgeport	2.37	2.32	7.96	4.14	5.37	1.44	2.00	3.41	3.70	1.75	3.30	5.39	43.15
Canton	2.13	3.20	6.87	4.27	4.48	0.90	2.65	3.38	2.65	4.15	4.66	4.26	43.60
Colchester	1.98	2.94	8.27	5.11	5.82	0.67	2.82	5.59	3.18	2.29	4.28	6.27	49.22
Cream Hill	2.89	1.15	4.80	4.28	6.89	1.28	2.96	4.26	3.42	4.85	4.06	4.03	44.87
Danielson	3.58	2.80	8.17	4.11	4.82	0.34	1.95	3.81	3.80	1.67	4.43	6.78	46.26
Hartford	2.11	3.43	7.29	3.93	4.59	0.66	2.90	3.02	2.14	1.26	3.53	4.46	39.32
Hawleyville	2.70	3.07	8.18	4.48	4.79	0.86	2.70	3.00	4.16	2.93	3.93	4.25	45.05
New Haven	3.08	2.91	9.15	4.56	6.34	0.50	2.14	3.22	2.32	1.22	3.37	6.04	44.85
New London	2.88	2.64	6.90	4.35	3.45	0.42	2.48	3.33	2.65	1.40	2.47	5.89	38.86
North Grosvenor Dale	2.34	1.66	6.56	4.64	5.07	0.67	4.52	5.22	1.37	1.76	3.58	5.52	42.91
Norwalk	2.01	2.29	8.55	3.62	4.29	1.17	2.17	4.68	2.94	2.50	4.46	5.16	43.84
Southington	2.35	3.70	8.45	4.17	5.00	0.70	3.30	2.80	2.30	1.65	4.05	5.10	43.57
Storrs	1.43	2.10	7.29	3.09	4.38	0.29	3.62	5.49	2.33	1.97	3.81	5.73	41.53
Torrington	1.71	2.77	.....	4.17	.....	.....	.....	3.45	2.58	3.54	3.86	4.46	.....
Voluntown	2.67	2.37	7.42	5.01	3.43	0.66	2.81	2.94	2.25	1.47	3.46	6.23	41.88
Waterbury	2.36	3.20	7.87	4.38	5.51	0.91	3.63	3.12	2.34	3.52	3.97	4.64	45.45
Delaware.													
Delaware City	1.67	3.59	6.77	2.94	2.98	1.57	5.17	2.14	4.66	3.33	2.47	3.90	41.19
Dover	4.05	2.28	8.00	3.83	5.45	1.77	2.28	1.32	4.77	1.83	1.98	5.02	42.58
Milford	4.18	3.46	7.94	3.05	5.66	2.07	3.89	2.70	2.95	1.37	2.84	4.72	44.83
Millsboro	3.49	1.98	6.25	2.09	3.60	1.93	5.08	1.22	3.16	1.52	2.95	3.87	37.14
Seaford	4.01	2.76	5.80	1.78	4.04	2.05	4.73	1.59	5.06	1.74	2.41	3.44	39.41
Wilmington	.....	.....	8.17	3.28	3.90	2.65	5.51	2.24	7.28	3.24	3.80	5.23	.....
District of Columbia.													
Washington	2.84	2.70	6.14	2.33	4.84	4.36	7.21	1.50	5.86	0.65	1.54	4.12	44.09
Florida.													
Apalachicola	3.33	3.55	5.37	5.78	3.04	9.40	7.30	14.09	15.06	0.85	5.76	4.25	77.78
Arcadia	4.53	2.21	3.44	0.84	7.84	16.49	3.31	5.57	6.95	5.17	1.13	1.15	58.63
Archer	.....	3.02	2.33	1.35	3.78	.....	.....	7.00	12.77	3.73	.....	1.48	.....
Avon Park	5.24	1.97	.....	.....	.....	16.91	2.90	4.98	7.93	3.29	1.27	0.74	.....
Bartow	6.17	1.99	3.88	1.52	6.23	21.62	7.03	2.45	8.09	4.06	1.70	1.35	66.09
Blountstown	.....	.....	.....	17.50	3.46	4.15	4.62	.....	.....	2.37	3.76	.....	.....
Bonifay	.....	4.57	4.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bradentown	5.98	1.95	1.86	1.13	3.84	25.62	9.03	6.45	16.65	5.61	.....	.....	.....
Brooksville (Peck)	9.15	2.74	2.19	1.64	9.15	13.94	7.90	5.83	15.53	5.17	4.04	2.11	79.39
Brooksville (Gomme)	8.28	2.59	2.63	1.81	8.46	10.61	7.40	9.24	17.75	6.30	2.82	1.60	79.49
Carrabelle	1.91	4.92	5.59	3.70	4.79	9.10	6.60	7.94	11.10	0.42	7.55	5.30	68.92
Cedar Keys	5.65	2.34	4.48	1.85	3.26	8.73	6.27	11.75	28.14	6.26	2.35	2.32	83.40
Clermont	7.82	1.16	4.00	2.19	8.25	15.42	5.68	3.85	7.60	4.58	2.50	.....	.....
Crescent City	.....	.....	4.25	4.14	7.84	10.05	4.43	6.22	4.48	.....	.....	.....	.....
De Funiak Springs	4.26	10.53	3.85	9.21	.....	3.22	8.94	6.18	9.39	3.20	4.35	2.00	.....
De Land	7.00	1.27	3.50	2.81	8.53	16.49	4.95	6.21	4.44	2.65	2.37	4.28	64.50
Eustis	7.08	1.40	4.39	2.06	6.51	14.15	5.71	4.26	8.44	3.95	1.99	1.61	61.55
Federal Point	5.76	1.85	5.10	3.65	3.88	12.28	5.76	7.97	7.66	1.74	1.47	1.89	59.01
Fellsmere	3.89	2.69	2.02	1.71	6.00	9.61	3.81	4.85	5.80	4.42	0.90	1.17	46.87
Fenholloway	6.19	6.02	7.39	6.48	2.84	10.85	8.38	11.33	14.04	5.64	2.20	2.24	83.60
Fernandina	3.10	3.54	3.43	3.47	3.21	5.13	8.22	6.27	10.60	8.49	1.86	3.41	60.73
Fort Lauderdale	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.50	1.63	.....
Fort Meade	8.33	1.75	1.81	1.07	6.15	22.70	10.92	3.53	10.41	5.22	1.60	1.38	74.87
Fort Myers	1.93	2.93	4.35	0.20	8.55	26.91	8.42	4.52	9.06	5.43	1.32	1.03	74.65
Fort Pierce	2.80	1.40	1.80	3.40	6.30	10.20	0.75	5.42	3.95	6.10	1.60	1.90	45.62
Gainesville	5.38	2.47	5.99	1.42	3.25	11.63	5.98	7.71	8.72	4.14	1.33	3.02	61.04
Garniers (near)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.62	3.16	.....
Grasmere	7.43	1.19	2.20	1.36	7.99	9.50	4.53	4.42	10.84	3.54	2.30	2.21	57.51
Hilliard	3.86	3.11	4.76	3.12	4.25	5.44	7.90	5.28	11.86	4.10	1.00	2.42	57.10
Homestead	3.99	3.21	3.05	5.03	8.36	8.04	5.42	5.85	.....	.....	11.42	0.82	.....
Hypoluxo	5.14	3.03	1.51	2.22	14.40	25.19	3.26	1.19	4.36	5.70	2.13	8.43	75.56
Inverness	5.84	2.01	2.87	1.62	6.80	7.16	4.72	8.42	11.12	3.73	3.92	2.87	61.08
Jacksonville	4.76	2.65	3.27	4.96	3.53	9.62	6.74	5.32	7.69	3.17	0.82	2.91	55.44
Jasper	4.27	4.45	4.66	8.42	4.89	13.35	3.17	.....	.....	3.60	1.45	2.03	.....
Johnstown	3.61	4.73	3.53	6.02	4.83	11.27	6.87	6.17	7.03	3.02	1.27	2.33	60.68
Key West	4.05	3.35	1.80	0.25	6.96	9.04	2.36	1.69	4.35	6.17	1.17	2.26	43.45
Kissimmee	7.87	2.29	3.75	1.31	7.48	11.90	4.74	4.10	7.59	4.38	3.01	0.66	59.08
Lake City	3.32	4.85	4.94	5.73	3.20	9.45	5.85	6.54	11.03	5.41	1.62	2.16	63.50
Live Oak	3.90	4.09	5.90	5.19	.....	.....	7.46	.....	.....	.....	.....	.....	.....
Lucerne Park	7.21	1.95	2.14	2.91	9.32	17.50	6.99	3.05	7.97	6.75	3.45	1.21	70.45
Macclenny	2.03	3.80	1.78	10.41	2.28	7.64	6.15	3.00	6.67	5.66	0.58	2.36	52.36
Madison	4.19	5.27	4.54	11.63	2.63	10.97	4.15	5.84	10.67	2.63	2.63	2.12	67.27
Malabar	4.54	2.54	1.37	1.94	2.24	10.20	6.09	2.50	5.56	6.98	2.62	1.49	48.07
Marianna	4.52	10.46	7.75	12.59	3.13	3.99	10.25	7.07	13.22	0.60	4.24	3.62	81.44

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept	Oct.	Nov.	Dec.	Annual.
Florida—Continued.													
Merritts Island	6.72	2.00	2.90	2.47	6.11	7.61	4.99	4.49	5.54	5.36	2.75	2.82	53.76
Miami (Weather Bureau)	4.26	2.08	3.76	5.61	11.17	14.63	5.99	2.93	2.08	3.29	10.67	1.90	68 37
Miami (Hickson)	.....	1.53	5.56	5.88	12.09	15.86	2.53	3.34	5.08	3.90	.....	1.89	.....
Middleburg	6.44	3.17	4.80	5.16	2.87	13.79	4.45	3.64	9.11	4.73	0.91	1.78	60.85
Molino	10.48	8.17	8.28	15.92	8.24	3.30	12.35	3.50	11.28	7.12	3.60	5.37	97.61
Monticello	4.18	6.41	5.49	10.80	2.80	.....	.....	5.95	14.45	1.95	3.10	.....	.....
Mount Pleasant	4.98	7.60	5.32	9.85	2.37	.....	5.24	8.50	9.61	0.40	3.35	4.22	.....
Newport	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.41	4.79	.....
New Smyrna	8.62	1.14	4.79	2.37	6.60	13.94	1.26	5.65	5.30	6.86	2.44	0.83	59.80
Observation Island	1.81	1.40	1.22	1.07	6.22	12.52	3.31	2.82	2.92	1.28	0.72	.....	.....
Ocala	.....	.....	5.66	3.62	9.24	8.75	10.60	5.16	8.92	1.82	3.93	1.34	.....
Orange City	6.99	0.93	4.06	1.93	7.51	12.77	4.72	6.87	4.98	1.85	2.32	0.66	55.59
Orlando	8.54	1.92	2.11	4.30	6.60	12.17	7.48	7.72	9.63	4.97	1.80	1.21	68.45
Pensacola	4.96	5.64	10.41	11.02	3.71	4.09	6.26	5.24	9.97	8.62	3.75	4.19	77.86
Pinellas Park	6.53	2.05	1.63	1.42	7.60	26.83	5.43	4.96	26.00	1.72	4.43	.....	.....
Plant City	6.70	2.12	3.90	1.99	4.62	12.62	3.97	3.62	13.38	3.73	2.65	0.90	60.20
Rockledge	7.52	1.86	3.24	2.13	6.56	8.26	.....	.....	.....	.....	.....	.....	.....
Rockwell	7.40	2.06	4.63	2.71	5.80	10.67	5.24	9.64	12.14	4.15	3.50	2.13	70.07
St. Andrew	3.59	3.70	5.27	9.33	3.56	2.86	2.80	8.81	18.52	4.85	2.94	4.93	71.16
St. Augustine	5.94	1.99	4.52	4.56	3.03	14.17	1.33	8.28	3.71	2.00	1.75	3.60	54.88
St. Leo	7.55	1.99	3.00	1.10	5.16	9.46	5.41	4.38	16.81	5.72	2.60	0.92	64.10
Sand Key	4.71	2.89	4.20	0.35	7.49	7.99	1.14	1.32	3.03	5.65	0.95	1.77	41.49
Satsuma Heights	5.98	2.36	4.47	2.86	5.44	15.48	3.15	8.06	5.12	5.05	1.38	1.99	61.34
Switzerland	4.68	3.14	5.25	4.62	3.20	9.79	5.16	3.35	6.48	3.72	1.04	2.23	52.66
Tallahassee	5.42	6.07	5.55	12.91	2.88	8.72	8.85	4.65	10.84	0.08	5.09	3.23	74.29
Tampa	6.17	1.64	4.66	1.31	4.06	13.47	6.96	4.93	18.93	1.50	2.40	1.16	67.19
Tarpon Springs	5.91	1.92	2.22	1.40	3.02	13.21	6.66	6.39	12.42	6.41	2.93	1.24	63.73
Titusville	8.83	1.12	2.24	4.39	6.85	15.51	3.23	10.00	4.56	6.41	2.80	1.18	67.12
Wausau	6.08	.....	.....	.....	.....	.....	.....	.....	14.63	3.30	3.31	3.07	.....
Georgia.													
Abbeville	8.71	4.93	6.77	7.50	2.52	3.10	6.47	6.57	7.22	0.98	2.36	3.24	60.37
Adairsville	3.74	7.90	8.54	5.31	6.79	4.89	5.23	7.34	5.80	3.65	1.97	4.23	65.39
Albany	8.52	5.31	6.29	9.76	2.04	6.50	4.96	5.67	5.24	3.73	2.79	2.05	62.86
Allapaha	7.61	4.35	.....	11.69	2.91	3.95	5.01	6.18	6.96	3.22	1.75	1.76	.....
Americus	9.28	5.63	.....	7.36	4.64	3.72	3.90	5.50	4.21	2.30	.....	.....	.....
Athens	4.23	6.10	7.65	4.84	4.27	6.94	6.28	2.91	4.14	2.25	1.84	2.75	54.20
Atlanta	4.87	5.53	10.44	6.65	4.37	11.21	4.66	3.70	3.52	4.62	1.05	3.47	64.09
Augusta	4.54	6.05	6.83	5.60	4.60	8.43	5.57	6.14	4.37	2.16	3.54	2.83	60.66
Bainbridge	5.52	5.58	5.24	11.23	3.35	3.25	5.35	10.00	6.28	1.13	3.08	2.98	62.99
Barnesville	4.11	.....	8.17	7.63	4.24	7.56	4.86	.....	4.20	.....	.....	.....	.....
Butler	6.85	4.69	10.57	8.57	3.25	10.32	4.53	5.97	7.21	2.32	2.80	4.63	71.71
Camak	5.80	7.73	8.47	5.32	3.39	7.44	7.44	4.91	6.11	1.87	5.13	2.95	66.56
Canton	5.65	7.97	12.94	6.55	4.69	8.92	6.78	6.59	3.25	4.50	1.64	3.93	73.41
Carlton	3.91	5.49	10.53	3.59	4.56	7.76	3.40	4.16	2.92	1.88	2.63	2.15	52.98
Clayton	5.77	8.35	10.27	6.35	4.64	5.08	13.48	5.52	9.12	3.47	3.21	3.61	78.87
Columbus	6.66	4.26	7.71	9.14	1.73	4.61	4.99	4.21	3.53	4.46	1.54	4.75	57.59
Concord	.....	.....	.....	.....	.....	4.90	6.21	2.08	5.96	2.43	1.55	2.82	.....
Covington	5.20	5.80	11.05	5.85	5.35	9.70	6.40	1.90	5.05	3.20	2.15	3.55	65.20
Cuthbert	7.90	4.84	7.35	12.43	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dahlonega	5.41	6.95	11.24	5.68	3.66	7.71	6.14	3.32	4.85	4.61	1.90	4.00	65.47
Diamond	5.05	7.75	9.48	10.72	3.83	8.79	7.25	5.56	3.60	2.97	2.44	4.61	72.05
Dublin	9.53	5.31	9.25	7.50	5.78	9.78	5.54	2.52	6.09	1.30	2.69	5.02	70.31
Eastman	7.95	.....	6.79	7.75	2.95	4.65	6.72	3.77	7.87	1.09	2.39	2.77	.....
Eatonton	4.38	5.34	8.89	7.67	4.75	8.49	3.79	4.39	4.25	0.88	2.88	3.30	59.01
Elberton	4.62	7.00	11.42	4.40	6.17	6.85	4.63	3.45	5.50	2.37	3.20	2.40	62.01
Experiment	4.30	4.29	7.63	7.14	2.85	5.17	5.70	3.45	3.87	2.58	1.47	3.40	51.85
Fort Gaines	9.15	4.84	7.13	9.87	2.71	3.46	7.51	9.29	4.95	2.57	4.85	4.35	70.68
Gainesville	5.54	6.77	9.76	5.81	3.60	8.30	8.79	6.79	4.33	3.31	1.41	2.78	67.19
Gillsville	.....	.....	.....	.....	.....	.....	.....	5.25	4.84	3.32	1.58	2.39	.....
Glennville	6.18	4.83	5.52	5.56	5.05	2.45	11.83	3.90	12.30	2.48	1.99	5.62	67.71
Gore	4.31	7.25	9.91	5.02	5.16	4.02	7.89	5.02	3.19	1.76	1.56	4.92	60.01
Granite Hill	3.94	5.35	6.85	7.09	3.35	9.09	5.91	3.72	8.67	1.82	4.12	3.31	63.22
Greensboro	5.62	5.19	7.85	5.43	5.33	9.65	4.92	3.11	5.05	2.44	3.06	3.22	60.87
Griffin	5.34	5.86	7.86	9.07	3.25	6.34	6.23	3.50	4.22	2.36	1.46	3.79	59.28
Harrison	7.35	7.04	.....	9.61	5.20	8.17	2.62	0.81	5.81	2.05	3.55	4.60	.....
Hartwell	2.85	7.21	6.24	2.76	4.36	10.18	.....	.....	.....	.....	.....	.....	.....
Hawkinsville	9.13	4.81	8.40	6.88	6.06	8.12	6.62	3.72	5.34	3.84	2.90	3.94	69.76
Lisbon	3.89	6.27	7.87	3.74	2.44	6.66	4.32	1.80	4.30	1.49	3.54	2.48	48.80
Lost Mountain	5.62	6.42	8.95	5.68	5.49	7.21	9.19	3.17	5.79	3.18	1.85	3.05	65.60
Louisville	5.66	4.92	7.65	7.22	3.93	8.40	4.18	4.01	.....	2.87	.....	3.99	.....
Lumber City	8.73	5.00	8.15	6.89	4.49	3.93	6.65	4.49	12.41	2.33	2.80	2.34	68.21
Lumpkin	7.84	4.30	7.75	13.97	2.98	5.64	2.31	5.95	3.22	1.76	.....	.....	.....
Macon	4.42	4.46	9.40	8.14	3.60	8.62	6.09	2.75	5.22	1.50	3.75	3.91	61.86
Marshallville	6.71	6.65	10.14	10.26	1.98	7.18	6.37	4.48	4.28	2.66	3.98	5.92	70.61
Milledgeville	4.86	5.41	7.87	8.30	4.53	7.15	2.58	4.05	5.12	1.45	3.90	3.57	58.79
Millen	7.50	5.21	7.45	6.92	3.99	6.46	5.45	8.23	3.77	1.30	2.24	2.85	61.37
Mineral Bluff	4.11	7.52	7.94	5.54	6.24	5.78	.....	.....	.....	.....	.....	.....	.....
Montezuma	6.46	5.94	8.39	7.91	4.80	6.12	5.51	6.52	7.03	1.51	4.31	4.64	69.14
Monticello	5.09	5.53	9.99	7.02	6.34	8.06	3.63	3.02	4.88	2.03	2.30	2.86	60.75
Newnan	6.04	5.05	9.63	8.27	3.79	9.41	2.67	5.20	2.65	3.23	1.85	3.25	61.04
Norcross	5.99	5.73	9.42	4.21	3.79	11.52	7.92	3.28	2.64	5.18	1.44	3.36	64.48
Point Peter	4.45	6.97	11.50	2.99	3.52	6.72	2.97	3.50	3.31	2.18	2.90	2.38	53.39
Poulan	7.46	4.95	6.54	10.45	3.94	6.46	3.07	8.05	5.71	1.65	2.65	3.55	64.48
Putnam	5.35	4.10	7.55	9.35	1.70	3.94	5.06	6.91	7.22	3.60	.....	.....	.....
Quitman	6.07	5.83	6.02	11.90	5.01	9.62	2.10	6.36	8.56	2.70	2.52	2.15	68.84
Ramhurst	4.46	6.52	8.58	5.78	4.60	4.39	4.11	3.53	3.60	1.66	1.19	4.75	53.17
Resaca	6.54	6.99	9.37	4.35	4.05	3.14	7.99	3.98	2.00	1.62	1.56	4.15	56.74
Rome	5.35	7.69	10.24	6.96	4.40	2.44	4.94	3.53	4.14	3.89	1.53	4.46	59.57
St. George	4.22	2.51	4.43	5.03	4.00	11.11	7.26	7.86	9.20	3.64	1.34	2.59	63.19
St. Marys	3.92	1.92	5.46	4.39	5.51	7.21	7.68	4.92	7.10	7.16	1.45	2.54	59.26
Savannah	4.12	6.17	4.38	5.78	7.41	4.94	4.87	3.27	8.66	1.93	1.18	4.13	61.84
Statesboro	6.45	4.45	7.20	6.65	7.94	4.48	6.28	4.73	12.47	3.46	1.65	4.28	70.04
Talbotton	7.58	5.67	11.10	4.97	2.25	7.45	4.21	5.79	4.26	3.28	1.64	4.48	62.63
Tallapoosa	5.54	4.06	10.10	6.67	3.33	5.22	5.08	5.60	3.27	4.20	1.10	4.28	58.45

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Georgia—Continued.													
Thomasville	6.93	7.25	5.64	10.33	2.12	6.61	5.34	7.12	10.42	0.86	3.79	4.80	71.21
Tifton	6.86	4.99	6.86	10.19	3.52	.....	.....	.....	.....	.....	.....	.....	.....
Toccoa	4.96	7.42	10.80	6.44	3.31	7.76	7.07	5.42	5.71	4.52	2.31	2.73	68.45
Valdosta	6.70	5.70	5.20	8.35	2.55	11.00	6.85	8.20	7.70	4.00	2.20	3.05	71.50
Valona	.....	5.75	4.78	.....	4.39	3.63	6.55	3.78	12.95	.....	1.36	1.36	.....
Washington	6.68	7.02	8.09	9.37	3.50	7.32	5.72	3.30	7.91	1.87	1.98	3.32	66.08
Waycross	5.65	5.59	4.83	9.69	6.76	6.43	5.69	5.75	5.22	2.55	2.07	1.94	62.17
Waynesboro	8.42	5.74	7.63	6.77	3.42	6.70	4.95	4.50	6.54	0.80	1.50	3.31	60.28
West Point	8.15	5.48	11.37	8.82	2.15	8.75	6.48	3.45	2.84	4.02	1.49	4.77	67.77
Woodbury	6.11	5.02	9.07	6.36	2.36	6.84	4.38	4.66	3.57	4.10	1.53	3.79	57.79
Idaho.													
Albion	.....	.....	0.77	0.27	1.90	.....	1.83	0.58	0.74	2.58	1.06	.....	.....
Almo	0.57	0.81	0.48	2.00	3.84	1.97	3.62	1.20	1.10	3.46	1.73	1.17	21.95
American Falls	2.81	0.94	.....	2.09	2.44	2.05	2.76	1.90	0.82	4.72	1.12	.....	.....
Arrowrock	4.99	2.49	2.00	2.40	2.33	1.27	0.87	0.24	0.87	1.56	0.65	2.01	21.68
Blackfoot	1.04	0.81	1.65	1.17	1.27	0.92	2.19	1.62	0.27	2.96	0.85	0.40	15.15
Blackfoot Dam	2.14	1.92	1.75	1.62	1.55	2.47	2.45	2.35	1.06	3.14	1.03	0.87	22.35
Bock's ranch	4.66	1.96	1.71	2.53	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bogus Creek	3.83	3.40	2.44	6.03	3.74	2.74	0.65	0.13	1.06	3.78	2.51	2.08	32.39
Boise	2.53	1.84	1.26	3.34	1.94	0.86	1.27	0.07	0.77	2.51	0.88	0.83	18.10
Bonners Ferry	1.93	0.90	0.82	1.37	1.47	3.33	1.83	2.44	.....	2.82	4.45	1.39	.....
Boulder Mine	5.06	3.97	3.24	5.02	4.34	2.77	1.07	0.62	1.57	2.08	3.15	3.12	36.01
Buhl	1.40	1.81	1.23	1.92	0.43	0.90	0.18	0.08	0.30	2.44	1.07	0.65	12.41
Caldwell	2.69	1.43	0.78	1.96	2.05	1.77	1.22	0.21	0.50	1.54	0.92	0.71	15.78
Caldwell Experiment Station	.....	.....	.....	1.91	1.58	1.38	0.79	0.23	0.53	1.62	0.95	0.72	.....
Camas	0.21	0.22	0.63	0.82	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge	4.25	2.84	1.27	1.52	1.77	1.10	0.65	0.55	1.39	.....	2.00	2.59	.....
Cedar Creek Dam	1.45	2.16	1.59	3.40	1.20	1.99	0.14	0.56	0.67	3.40	1.20	2.28	20.04
Chesterfield	.....	1.13	1.47	0.91	1.46	.....	.....	3.57	0.52	3.67	1.32	0.34	.....
Clark Fork	.....	.....	1.40	1.48	2.64	2.37	1.80	3.98	1.99	2.96	6.11	4.71	.....
Council	4.60	2.57	2.50	3.62	2.01	1.27	0.89	0.39	1.48	1.00	3.19	3.70	27.22
Culdesac	3.29	2.18	2.27	3.02	3.75	1.24	0.54	2.32	1.19	2.10	2.05	0.84	24.79
Deary	.....	.....	1.63	2.70	4.65	.....	0.62	2.87	1.71	1.29	2.80	3.80	.....
Dent	4.72	4.66	1.77	2.80	3.46	1.05	.....	2.45	1.43	2.18	.....	.....	.....
Driggs	1.24	0.74	1.35	1.08	0.90	3.39	2.97	2.10	0.97	1.59	1.03	1.06	18.42
Emmett	2.11	0.94	1.11	2.71	2.46	1.14	0.89	0.85	0.74	1.03	0.76	0.79	15.53
Forney	0.32	1.50	1.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Garden Valley	4.56	3.51	2.17	2.77	1.55	1.12	1.02	1.29	1.08	.....	.....	.....	.....
Garnet	0.65	1.10	1.29	1.50	1.45	0.40	0.60	0.00	0.55	2.75	0.70	0.15	11.14
Geneva	1.73	2.32	2.64	1.24	0.44	1.07	2.20	1.23	0.33	1.43	1.35	0.51	16.49
Glenns Ferry	2.24	1.89	1.01	1.60	0.86	0.68	0.55	0.62	0.10	2.32	0.24	1.00	13.11
Gooding	2.00	1.24	1.06	0.96	1.33	0.67	0.33	T.	0.18	2.16	0.88	0.68	11.49
Grace	0.76	0.30	3.20	1.43	0.93	1.26	1.05	1.93	.....	.....	1.20	.....	.....
Grand Forks	7.48	5.39	1.88	3.37	3.57	1.34	1.25	2.75	2.11	4.59	6.31	8.45	48.49
Grand View	2.05	1.19	0.92	1.68	0.97	0.68	0.32	0.15	0.50	2.97	.....	.....	.....
Grimes Pass	4.42	2.36	2.83	3.45	3.17	1.81	0.76	0.65	1.19	1.39	2.71	3.11	27.85
Guffey	1.81	1.32	1.07	2.91	1.56	1.40	0.73	1.07	0.37	2.18	0.39	0.60	15.41
Hailey	0.72	0.24	1.86	2.33	1.73	1.00	1.43	1.86	0.69	2.28	0.64	1.34	16.12
Hollister	.....	.....	0.67	1.99	1.05	1.43	0.66	0.81	0.17	2.89	1.08	0.74	.....
Hot Spring	1.47	1.47	0.64	2.50	0.53	0.94	0.63	0.37	0.92	2.50	0.41	0.29	12.67
Idaho City	4.51	2.63	2.22	3.47	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho Falls	1.16	1.00	0.95	1.94	1.36	0.89	1.60	2.28	0.44	3.74	0.53	0.43	16.32
Indian Cove	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.21	0.77	.....	.....
Indian Valley	2.55	2.32	1.00	1.96	1.99	1.62	0.38	0.34	1.18	0.86	2.11	1.91	18.22
Irwin	2.42	0.82	0.63	0.29	0.32	3.90	2.01	3.22	.....	2.03	.....	.....	.....
Kellogg	3.81	3.21	1.69	2.79	4.26	2.64	1.40	2.29	2.80	2.91	4.15	3.00	34.95
Kilgore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.07	.....
Kirkham	4.18	2.49	2.23	1.45	1.91	1.63	0.45	1.45	1.28	1.00	2.08	3.48	23.63
Kooskia	2.33	3.70	1.80	5.20	5.06	1.75	1.20	1.52	1.06	1.63	2.01	0.63	27.89
Lakeview	2.65	2.72	0.90	1.36	2.79	1.70	2.06	3.80	1.31	3.29	5.07	4.82	32.47
Landore	6.48	3.67	2.65	4.01	5.00	2.38	1.33	1.65	0.89	1.97	4.14	5.50	39.67
Leadore	.....	.....	1.61	0.66	1.73	1.10	1.18	1.33	1.17	1.49	.....	.....	.....
Lewiston	1.99	2.36	1.04	1.66	2.66	0.43	0.24	1.25	0.98	0.90	0.80	0.45	14.75
Little Camas	4.34	2.70	1.96	2.36	2.07	1.04	0.96	0.20	1.58	2.24	1.46	1.49	22.40
Loon Creek	1.37	0.41	1.33	3.02	1.45	0.80	1.59	1.42	1.37	1.80	1.09	1.67	17.32
Mackay	0.45	0.16	0.37	1.30	0.66	0.30	0.74	1.51	0.34	0.69	0.03	0.24	6.79
Meridian	2.64	1.44	1.33	2.55	1.87	1.64	0.16	0.09	0.59	2.34	0.94	0.72	16.31
Mesa	.....	2.29	.....	1.43	1.26	.....	.....	.....	1.46	0.95	1.90	.....	.....
Middle Fork	4.38	4.53	.....	6.05	.....	1.94	1.38	1.27	1.93	.....	2.89	1.65	.....
Milner	2.56	1.33	1.25	2.03	0.60	0.49	0.49	T.	0.41	2.45	1.56	0.95	14.12
Moscow	2.78	3.50	1.17	1.77	4.03	0.75	0.44	2.10	1.76	2.07	2.60	2.69	25.66
Mountain Home	2.07	1.93	1.40	1.76	1.41	0.61	0.67	0.08	0.88	2.35	0.79	0.74	14.69
Murtaugh	2.44	1.96	0.77	2.06	0.90	0.43	0.26	0.23	0.20	3.06	0.44	0.48	13.23
Nezperce	2.23	2.10	2.06	2.62	4.88	1.43	1.09	2.16	1.52	0.93	0.95	0.81	22.78
Oakley	1.20	1.15	0.54	1.95	2.28	0.91	2.77	0.32	0.55	2.75	0.85	0.80	16.07
O'Hara Bar	4.65	.....	.....	3.58	4.75	.....	0.85	.....	.....	1.94	2.94	.....	.....
Orofino	4.33	4.85	1.76	4.41	4.15	1.77	0.68	2.43	1.18	1.66	2.86	2.09	32.17
Paris	0.86	0.58	0.29	0.50	1.22	0.95	2.00	1.55	1.61	2.85	.....	0.70	.....
Payette	3.42	1.18	0.73	1.62	1.46	0.59	0.26	0.26	0.27	1.29	1.50	0.57	13.15
Pebble	3.79	1.91	2.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pierson	2.50	1.36	2.04	2.23	1.71	1.24	0.89	0.42	0.49	1.08	0.61	2.04	16.61
Pine	4.86	2.04	3.23	2.78	.....	.....	.....	.....	.....	.....	5.00	2.31	.....
Pleasant Valley	2.46	1.34	0.99	2.61	1.67	0.92	0.93	0.09	0.55	2.78	1.13	0.58	16.05
Pocatello	1.49	0.92	1.13	2.20	1.59	1.99	1.63	1.19	0.92	3.25	0.95	0.20	17.46
Pocatello Nursery	.....	.....	.....	.....	1.25	1.88	2.50	.....	1.60	3.95	.....	.....	.....
Poplar	1.09	1.23	1.40	2.15	1.36	1.74	1.01	1.67	0.42	3.20	0.96	0.70	16.93
Porthill	1.49	1.08	1.10	0.78	0.74	2.14	2.44	1.23	0.44	1.93	3.59	1.79	18.75
Powers Ranch	4.53	4.17	2.19	4.23	.....	.....	.....	.....	.....	.....	1.19	2.69	.....
Priest River Experiment Sta. No. 1	5.27	3.30	1.27	2.47	2.70	2.07	2.58	2.96	1.68	3.28	5.18	4.87	37.63
Priest River Experiment Sta. No. 2	5.11	3.30	1.27	2.41	2.62	2.02	2.43	2.54	1.47	2.98	5.13	4.02	35.30
Priest River Experiment Sta. No. 3	5.14	3.30	1.27	2.46	2.68	2.14	2.58	2.68	1.51	3.40	5.83	4.06	37.05
Pyle Creek	5.80	3.27	2.29	2.93	2.04	1.07	0.92	1.46	0.73	0.87	2.33	2.96	26.67
Rattlesnake	3.99	2.84	2.02	3.59	.....	.....	.....	.....	.....	.....	1.96	2.19	.....
Richfield	1.76	0.59	1.03	0.95	0.86	1.52	0.54	0.41	0.28	2.61	0.79	0.72	12.05

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Idaho—Continued.													
Roseberry	1.66	1.69	1.67	1.29	2.73	1.81	0.95	0.44	1.41	0.81	.....	2.33	.....
Roseworth	.....	.....	.....	0.68	0.50	1.16	0.39	0.13	0.22	2.49	0.90	0.26	.....
Ruby Creek	5.61	4.29	2.95	3.49	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rupert	1.83	0.90	1.00	1.22	2.19	0.30	1.55	0.77	0.77	3.21	1.53	0.23	15.50
St. Anthony	.....	.....	.....	1.12	2.11	1.70	.....	1.19	1.77	0.74	.....	.....	.....
St. Maries	3.51	3.37	1.01	2.04	4.84	1.46	1.08	2.20	0.55	1.83	3.59	.....	.....
Salmon	1.87	0.80	0.50	1.40	1.43	0.80	0.89	0.35	1.04	0.44	0.23	0.47	10.22
Sandpoint	4.23	2.31	0.81	1.94	2.57	1.54	1.97	2.62	1.22	2.81	5.06	4.39	31.47
Sheep Hill	5.33	3.90	3.13	1.92	2.46	1.29	1.24	0.06	0.72	1.72	2.43	3.10	27.30
Shoshone	2.56	0.98	0.81	0.94	0.51	0.45	0.01	0.11	0.05	2.02	0.72	0.57	9.73
Silver City	3.88	3.38	1.41	2.56	3.14	1.71	1.04	0.53	1.45	2.70	1.92	4.72	28.44
Smith Prairie	4.46	2.98	1.99	3.74	.....	.....	.....	.....	.....	.....	.....	1.67	.....
Soldier Creek	2.75	1.06	2.76	3.63	1.21	1.21	3.07	0.74	0.95	1.80	1.79	.....	.....
Spirit Lake	6.37	3.83	1.47	2.19	3.10	1.73	2.15	2.79	.....	.....	.....	.....	.....
Springfield	1.41	0.33	0.73	1.23	1.31	0.58	1.53	1.75	0.54	3.17	0.55	0.21	13.34
Spring Hill	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.36	1.30	0.92	.....
Sugar	0.89	0.35	1.73	1.01	1.76	1.06	2.02	1.66	1.01	2.67	0.39	0.32	14.87
Sunnyside	3.10	1.72	0.05	1.95	1.57	0.86	1.58	T.	0.47	1.75	0.72	0.84	14.61
Tripod Mountain	3.63	3.13	1.88	3.92	3.01	2.87	1.21	0.88	1.37	1.13	2.15	2.28	27.46
Twin Falls	2.29	0.64	1.29	1.68	0.63	0.46	0.48	0.16	0.30	.....	1.10	0.54	.....
Vernon	2.30	1.05	2.27	1.65	3.30	2.48	1.83	2.30	1.43	3.13	0.96	1.05	23.75
Wallace	5.19	3.76	1.88	3.48	3.78	1.96	1.21	2.20	2.46	3.37	5.75	6.95	41.99
Weiser	2.92	1.40	0.89	1.85	1.24	0.84	0.09	0.89	0.37	1.28	1.41	1.04	14.22
Wendell	2.16	1.51	1.60	1.38	0.57	0.86	0.04	T.	0.31	3.71	1.18	0.85	14.17
Weston	0.62	0.96	1.97	1.83	1.60	0.84	1.00	2.25	0.92	3.10	1.85	0.25	17.19
Illinois.													
Albion	2.87	3.18	4.96	5.79	3.97	5.36	5.21	4.49	4.96	1.16	1.97	1.22	45.14
Aledo	0.17	1.08	1.55	2.95	1.78	2.09	4.47	1.40	1.77	4.71	0.88	0.74	23.59
Alexander	0.68	1.49	4.02	4.77	5.27	4.64	2.00	8.38	1.62	3.53	1.56	0.53	38.49
Antioch	0.50	.....	1.69	2.69	3.66	2.02	8.70	2.34	2.25	5.62	1.75	1.31	.....
Astoria	0.59	1.90	4.74	5.93	4.42	2.78	1.56	3.28	2.96	3.64	1.97	0.97	34.74
Aurora	.....	0.80	1.14	2.63	5.33	1.52	4.33	2.74	2.55	4.58	1.70	.....	.....
Bement	1.42	2.41	5.06	.....	3.55	2.33	2.43	.....	.....	2.00	2.13	0.88	.....
Beardstown	.....	1.10	2.81	5.60	5.08	1.57	2.65	.....	.....	.....	.....	.....	.....
Bloomington	0.77	1.60	2.42	6.36	4.29	3.19	5.25	5.01	1.35	3.42	2.32	0.85	36.83
Cairo	4.13	2.41	5.29	5.91	2.51	4.69	1.90	2.28	2.33	3.64	0.62	1.54	37.25
Carbondale	3.16	2.84	6.10	6.38	3.04	4.69	2.64	4.68	5.62	2.76	1.90	0.75	44.56
Carlinville	0.92	1.27	5.05	8.60	3.22	1.65	2.84	2.50	1.98	2.86	3.06	0.32	34.07
Carlyle	.....	.....	.....	.....	4.31	3.54	5.18	3.30	2.17	2.00	0.65	0.60	.....
Casey	1.02	2.73	4.85	5.48	3.95	3.20	6.86	4.44	1.60	2.09	1.31	0.43	37.96
Charleston	1.04	2.06	4.85	4.29	3.15	3.07	6.36	4.47	3.57	1.94	1.22	1.51	37.53
Chester	2.72	4.87	5.13	7.20	5.46	6.46	6.53	8.13	4.18	1.60	3.36	0.74	56.38
Chicago	0.84	1.57	2.20	2.55	3.97	1.78	3.86	3.59	3.26	3.52	1.45	1.08	29.67
Clinton	1.18	1.47	3.72	8.49	4.84	1.48	5.44	2.36	1.96	4.34	4.00	1.00	40.28
Coatesburg	.....	1.41	1.85	6.02	2.65	2.63	0.83	1.91	2.44	4.47	2.06	0.97	.....
Cobden	2.90	1.43	3.37	6.85	3.64	.....	3.71	3.18	4.83	2.28	2.65	0.79	.....
Dakota	0.34	0.56	1.27	0.69	2.34	1.56	6.08	4.78	4.75	4.91	1.42	1.31	30.01
Danville	1.44	2.23	4.32	5.42	3.68	3.61	5.10	4.52	3.06	3.07	2.39	0.79	39.63
Decatur	1.34	1.64	4.60	6.80	3.25	3.41	2.67	4.12	1.50	3.22	2.09	0.97	35.61
Dixon	0.50	1.46	1.72	3.07	2.84	1.63	3.34	5.06	3.57	5.13	1.38	1.34	31.04
Duquoin	2.68	2.53	4.94	6.58	4.27	5.89	7.37	7.02	2.87	1.93	1.54	0.44	48.06
Dwight	0.47	1.10	1.72	4.68	4.12	2.84	2.38	2.96	2.65	3.17	2.16	0.83	29.08
East St. Louis	1.29	2.61	5.46	7.80	5.00	6.52	4.34	2.82	2.33	1.45	3.03	0.64	43.29
Edwardsville	1.27	3.03	4.08	8.07	3.66	4.82	8.84	5.18	1.86	2.33	1.82	0.64	45.60
Elgin	0.49	1.46	1.80	2.55	3.41	1.25	2.75	3.59	3.11	4.50	1.84	0.87	27.12
Evanston	0.47	0.96	1.58	3.14	4.98	1.52	3.15	3.14	3.60	5.16	2.06	0.89	30.65
Equality	4.50	3.73	6.12	7.06	4.15	4.26	5.93	8.00	5.42	1.65	1.57	0.93	53.32
Ewing	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.65	.....
Fairfield	1.85	3.09	4.45	5.42	3.20	8.05	7.41	4.87	3.53	0.54	2.87	1.58	46.86
Fairview	0.17	1.10	1.66	5.07	2.63	1.09	4.28	1.90	4.22	4.29	1.79	0.75	28.95
Flora	1.42	2.21	4.08	4.92	4.63	3.25	9.53	3.53	2.61	2.28	2.10	0.81	41.37
Galva	0.18	1.34	2.23	4.65	3.56	2.56	3.16	1.72	2.92	5.85	2.17	0.78	31.12
Golconda	4.57	3.90	6.16	7.04	3.79	5.23	7.14	3.49	2.24	2.32	1.42	2.43	49.73
Grafton	1.48	3.39	5.74	7.66	4.75	4.18	3.17	3.52	3.10	1.95	2.70	0.42	42.06
Greenville	0.57	3.60	5.50	7.42	3.22	.....	.....	.....	1.58	1.65	1.78	0.52	.....
Griggsville	0.25	1.18	2.75	4.45	4.17	5.26	2.36	3.43	4.29	5.10	1.45	0.72	35.41
Havana	0.58	1.33	2.70	5.09	3.16	2.10	1.80	1.87	5.78	5.57	1.50	0.81	32.29
Henry	0.18	1.16	1.78	4.87	5.15	1.78	2.30	2.24	3.01	5.12	2.21	1.19	30.99
Highland Park	0.50	1.89	2.12	.....	3.69	2.76	2.92	5.69	5.69	4.15	2.01	1.09	.....
Hillsboro	1.01	2.19	5.24	7.64	3.24	3.03	3.67	2.00	1.51	1.75	1.85	0.50	33.63
Hoopeston	1.71	2.11	3.25	5.77	3.88	3.56	6.62	5.50	2.13	1.80	2.97	0.70	40.00
Joliet	0.22	1.09	1.41	2.77	3.62	2.46	1.55	1.70	2.34	4.26	1.67	1.01	24.10
Kishwaukee	0.22	1.06	1.70	2.87	3.33	3.85	5.84	6.61	3.86	4.65	1.23	1.45	36.67
La Grange	0.40	1.45	2.02	2.91	5.47	2.01	.....	.....	3.68	4.09	1.48	1.02	.....
La Harpe	0.52	0.90	1.14	2.20	2.71	2.17	4.36	2.55	1.70	3.97	2.06	0.57	24.85
Lanark	0.40	0.96	1.13	1.77	3.01	2.47	5.83	6.13	3.62	4.35	1.72	1.58	32.97
La Salle	0.13	0.73	1.47	2.98	3.73	2.77	2.40	4.35	2.54	4.62	1.54	0.98	28.24
Lincoln	0.91	1.60	3.77	5.07	4.28	2.45	2.72	4.33	1.52	3.99	2.32	0.63	33.59
Loami	1.19	1.45	4.02	5.42	4.48	3.12	4.92	4.30	1.94	3.68	1.79	0.45	36.76
Macomb	0.11	1.24	1.44	3.90	2.57	1.48	.....	2.37	2.39	4.64	0.62	0.76	.....
Manteno	0.62	1.86	1.63	3.64	4.57	2.34	5.98	2.98	1.83	2.90	2.99	1.15	32.49
Martinton	0.62	0.97	2.03	3.87	6.58	4.98	2.31	4.51	1.92	2.70	2.16	0.56	33.20
Mascoutah	1.23	2.28	5.25	6.15	3.59	6.48	3.60	4.25	2.67	1.88	1.20	0.35	38.93
Metropolis	2.29	.....	.....	.....	1.46	8.14	2.50	.....	2.63	3.63	1.45	2.15	.....
Minonk	0.54	1.55	2.05	5.57	5.21	4.03	2.85	.....	2.85	.....	.....	.....	.....
McLeansboro	2.92	2.75	5.40	6.45	3.10	4.68	6.76	4.48	4.88	1.49	2.65	0.93	46.49
Monmouth	0.60	1.61	1.80	3.98	2.77	1.80	3.94	1.10	2.70	5.47	1.98	0.77	28.52
Montrose	0.95	1.70	4.38	6.61	2.84	3.72	8.65	5.86	2.22	1.97	1.55	0.83	41.28
Morris	0.18	0.88	1.92	3.44	3.85	1.65	4.83	2.59	2.22	3.00	1.93	1.05	27.54
Morrison	0.38	1.05	1.74	2.84	3.35	2.62	4.08	4.37	3.05	4.23	1.25	1.03	29.99
Morrisonville	0.74	0.97	4.62	5.70	3.64	1.73	2.00	2.56	1.18	1.88	1.73	0.51	27.31
Mount Carmel	3.88	4.25	5.74	6.70	3.98	5.02	4.28	5.60	5.24	1.56	1.80	1.10	49.15
Mount Vernon	1.38	4.25	3.94	3.81	4.57	5.64	5.98	4.66	3.60	0.74	2.46	0.69	41.84
Nashville	1.43	2.24	4.60	5.60	3.34	4.08	4.73	3.76	2.72	2.66	1.66	0.56	37.38

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Illinois—Continued.													
New Burnside	3.16	.....	4.66	5.84	3.65	4.70	3.14	4.04	3.50	1.77	1.58	1.39	.....
Newton	1.28	2.47	4.36	5.02	4.16	2.67	4.65	4.53	2.10	2.44	1.25	0.76	35.69
Olney	1.75	2.08	4.56	4.50	5.84	2.32	4.64	.....	.....	.....	1.31	1.09	.....
Oregon	0.66	0.97	1.25	3.52	2.44	3.36	4.39	5.96	4.18	5.36	1.48	1.41	34.98
Ottawa	0.27	1.14	1.17	3.30	6.13	2.09	3.28	5.68	2.86	5.26	2.02	1.18	34.38
Palestine	1.23	2.16	4.17	4.53	5.69	3.62	6.83	5.30	5.30	1.62	2.59	1.30	44.34
Pana	1.24	1.87	4.78	5.10	3.65	3.14	3.69	2.29	0.80	2.84	1.85	0.99	32.24
Paris	1.09	1.22	4.24	5.19	4.59	2.46	8.56	5.81	2.65	1.01	2.15	0.68	39.65
Paw Paw	.....	.....	.....	.....	.....	.....	.....	.....	2.52	5.58	2.20	1.29	.....
Peoria	0.35	1.21	2.03	6.88	4.39	1.86	5.04	1.67	3.54	4.03	1.56	1.13	33.69
Philo	1.35	2.20	3.93	5.22	4.89	2.67	3.24	3.52	1.26	1.90	1.74	0.93	32.85
Pontiac	1.00	1.60	2.24	5.50	4.96	2.34	2.95	4.32	3.05	2.26	2.25	0.69	33.16
Quincy	0.29	1.70	2.13	3.88	3.44	2.53	0.69	3.97	2.09	3.69	2.72	0.60	27.73
Rantoul	1.50	1.12	3.04	5.91	3.48	2.47	5.40	4.37	1.41	2.81	2.73	0.75	34.99
Riley	0.28	1.08	1.51	2.42	2.31	5.91	5.59	4.29	3.60	5.98	1.24	1.08	35.29
Rileyville	2.87	1.97	7.08	6.07	4.26	5.86	.....	5.72	5.64	1.92	2.38	2.82	.....
Roberts	0.89	1.21	1.95	4.82	3.36	2.72	5.09	3.50	1.20	3.19	2.65	0.76	31.34
Rockford	0.62	1.82	1.56	2.55	3.94	3.78	8.21	5.56	3.53	4.98	1.34	1.14	39.03
Rushville	0.30	0.84	2.61	4.92	3.41	1.79	1.51	2.04	4.09	3.28	2.12	0.91	27.82
St. Charles	0.35	0.69	1.59	3.88	3.02	3.24	2.91	4.21	3.66	4.73	2.00	1.11	31.39
St. Peter	1.70	1.90	5.31	5.32	4.02	4.70	8.76	5.38	2.58	2.15	1.13	0.67	43.62
Sparta	1.96	2.25	5.18	5.88	4.38	3.95	3.41	4.50	3.22	3.01	1.01	0.61	39.36
Springfield	1.08	1.56	4.21	5.39	4.40	3.13	4.47	2.87	1.42	3.49	1.48	0.31	33.81
Streator	0.44	1.24	1.89	4.62	4.73	1.15	3.08	1.88	3.18	3.61	2.55	0.78	29.15
Shawneetown	3.69	2.60	6.16	6.94	2.67	3.97	3.67	6.91	3.60	2.16	1.23	1.70	45.30
Sullivan	1.57	1.65	3.07	5.03	3.33	3.20	2.34	4.57	1.02	1.54	1.92	0.77	30.01
Sumner	2.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sycamore	0.40	1.65	2.50	2.16	3.75	2.34	4.01	4.26	2.75	5.84	1.12	.....	.....
Tiskilwa	0.36	1.15	1.94	3.36	4.20	1.81	1.13	2.29	2.53	6.55	2.39	0.75	28.46
Tuscola	2.25	.....	.....	.....	.....	.....	.....	3.78	1.72	1.27	1.96	0.80	.....
Urbana	1.36	2.28	3.42	5.60	4.16	1.89	3.68	2.06	1.76	2.95	1.77	0.57	31.50
Walnut	0.17	1.72	1.69	3.01	1.99	3.75	2.43	4.63	4.09	5.26	2.18	1.26	32.18
Warsaw	0.25	1.22	0.80	3.41	1.90	3.20	4.18	3.31	1.80	4.31	1.81	0.41	26.60
Waterloo	1.73	2.07	4.19	6.87	3.28	4.37	1.74	4.35	2.52	2.08	1.44	0.48	35.12
White Hall	0.60	.....	4.20	5.87	4.31	4.35	1.48	4.58	2.78	4.11	1.58	0.55	.....
Windsor	1.26	2.15	5.04	7.71	2.57	3.62	6.98	5.08	1.27	1.92	1.57	0.68	39.85
Winnebago	0.44	1.34	2.07	2.50	3.53	3.36	6.81	8.11	4.00	4.59	1.83	1.60	40.18
Yorkville	0.29	0.87	1.54	2.41	6.17	2.52	4.95	3.47	2.72	5.17	2.70	1.53	34.34
Zion	0.36	0.78	1.23	.....	2.94	2.71	2.72	.....	.....	.....	.....	.....	.....
Indiana.													
Anderson	1.67	2.59	4.19	4.65	4.69	1.22	5.67	6.15	4.50	1.88	1.48	1.04	39.73
Attica	2.18	3.17	3.56	5.87	2.84	4.45	5.99	3.85	.....	.....	.....	0.73	.....
Auburn	0.76	2.68	3.55	2.14	3.60	1.34	3.10	6.10	2.63	1.56	2.86	0.78	31.10
Berne	1.71	2.39	3.91	4.15	2.95	2.46	5.55	5.78	3.27	1.80	1.27	1.37	36.61
Bloomington	3.02	3.69	6.56	6.62	5.87	2.96	8.18	8.02	4.19	1.70	1.96	1.90	54.67
Bluffton	1.83	1.92	3.87	3.96	3.08	2.49	3.38	3.51	2.58	1.86	1.62	1.20	31.30
Butlerville	4.27	3.61	6.41	6.70	5.27	3.21	5.83	8.51	3.09	2.24	0.92	3.02	53.08
Cambridge City	2.59	3.75	7.54	5.29	2.67	1.95	4.39	4.17	3.01	1.50	1.43	1.27	39.56
Collegeville	2.07	1.53	1.63	3.54	5.22	3.90	4.98	3.73	1.58	2.52	3.52	0.24	34.46
Columbus	2.63	3.43	5.50	6.16	4.61	3.20	5.95	5.59	2.79	1.99	1.18	1.53	44.56
Connersville	2.10	2.35	4.36	4.29	2.45	1.69	2.62	5.49	2.59	2.10	0.48	1.47	31.99
Crawfordsville	1.87	3.35	4.85	4.74	2.77	3.02	2.78	7.18	2.78	2.97	2.83	1.06	40.20
Delphi	1.71	2.85	3.52	4.49	4.44	3.51	2.50	3.91	2.36	1.70	3.54	0.84	35.37
Elkhart	1.27	2.44	.....	3.71	.....	4.79	.....	.....	.....	.....	.....	.....	.....
Eminence	0.70	3.04	5.26	5.44	5.92	3.82	5.06	3.87	3.65	2.36	.....	0.85	.....
Evansville	3.87	2.56	5.53	7.02	3.84	3.36	5.30	4.00	2.66	2.59	0.25	1.69	42.67
Farmersburg	1.49	1.83	3.48	3.81	5.59	2.46	4.70	5.54	4.10	1.00	2.04	0.69	36.73
Farmland	1.94	1.87	4.54	4.37	3.96	2.92	7.27	5.15	3.63	2.03	1.07	1.20	39.95
Forest Reserve	.....	.....	5.06	5.75	5.75	2.29	1.64	7.34	4.16	2.50	0.58	2.69	.....
Fort Wayne	1.39	2.28	2.72	2.44	3.40	3.24	3.38	5.04	1.94	2.47	1.23	1.07	30.60
French Lick	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.77	.....
Greenfield	1.32	3.45	5.15	4.51	4.81	1.85	5.59	7.15	4.05	1.05	1.12	1.12	41.17
Greensburg	1.15	2.65	3.18	5.00	4.32	1.59	8.18	6.15	3.00	1.61	T.	1.29	38.12
Hammond	1.51	1.75	2.54	2.38	4.95	4.02	2.99	1.65	3.78	4.25	2.69	1.25	33.76
Hickory Hill	.....	.....	.....	.....	.....	.....	.....	4.77	4.60	1.82	1.26	1.63	.....
Howe	1.03	1.97	1.32	3.84	5.57	2.08	4.69	2.92	1.84	2.80	2.84	1.55	32.45
Huntingburg	.....	.....	6.36	8.06	3.46	4.64	8.92	4.87	5.79	2.14	1.12	2.23	.....
Huntington	1.89	2.23	2.82	4.40	4.48	4.41	3.64	3.53	3.09	2.39	2.12	0.94	35.94
Indianapolis	2.10	2.48	5.35	4.62	5.67	2.02	6.75	3.12	3.44	2.10	1.21	1.43	40.29
Jeffersonville	3.10	3.05	5.84	8.66	3.48	3.35	3.95	5.23	3.76	2.47	0.88	2.80	46.57
Judyville	1.49	1.97	3.23	3.74	3.75	2.24	5.65	5.58	1.35	1.80	2.49	0.76	34.05
Knox	1.08	1.32	1.61	4.40	5.71	3.53	7.21	5.88	3.78	2.19	3.73	0.90	41.34
Kokomo	2.10	2.21	3.80	4.33	3.53	2.22	3.53	3.37	2.60	2.30	2.36	0.79	33.14
Lafayette	1.43	2.23	3.21	4.22	4.68	3.26	4.22	3.98	2.39	2.73	2.71	0.74	35.80
Laporte	1.38	2.16	2.22	2.66	6.20	2.79	3.42	4.71	1.81	3.04	4.06	1.10	35.55
Laurel	3.33	2.53	5.19	5.79	2.55	1.53	3.70	6.44	.....	.....	.....	.....	.....
Logansport	1.58	2.18	2.53	3.48	3.62	2.59	4.36	2.90	1.87	2.04	3.42	0.94	31.51
Madison	3.50	3.20	6.00	6.73	4.64	3.49	6.23	8.14	3.54	2.32	0.83	3.15	51.77
Marengo	2.59	1.81	6.92	7.57	4.46	2.93	4.16	7.26	3.98	2.85	1.64	.....	.....
Marion	2.19	2.43	4.09	4.66	3.84	1.45	3.26	4.88	4.37	2.02	1.80	1.09	36.08
Mauzy	1.96	2.10	6.00	4.75	3.36	1.01	4.10	5.26	3.29	1.53	0.92	1.58	35.86
Monticello	1.60	1.81	4.34	4.42	2.68	5.19	4.90	4.79	2.16	2.33	3.42	0.65	38.29
Moores Hill	2.55	3.85	5.90	6.77	4.00	2.34	3.74	6.28	2.81	2.10	0.81	2.28	43.43
Mount Vernon	4.22	2.22	6.22	5.02	3.67	4.31	7.66	4.14	4.20	1.39	1.08	1.49	45.62
Nashville	.....	2.70	5.29	5.51	3.40	1.17	6.18	3.95	3.53	1.98	0.63	1.30	.....
Notre Dame	.....	.....	.....	2.68	5.35	1.80	6.43	6.17	3.89	2.48	2.74	0.62	.....
Paoli	3.07	3.47	5.45	5.99	5.44	1.72	4.01	5.72	4.81	1.87	0.71	1.71	43.97
Plymouth	1.10	2.15	1.68	3.29	5.30	2.14	8.30	5.77	3.22	2.80	3.45	0.93	40.13
Princeton	4.62	3.06	6.38	6.82	3.30	4.65	4.37	4.84	5.21	1.67	1.69	1.55	47.96
Richmond	2.12	1.30	4.90	5.01	2.51	1.68	3.01	5.24	2.18	2.23	0.61	1.43	32.22
Rochester	1.43	1.40	2.17	2.21	3.88	4.75	4.14	4.94	2.62	2.13	2.98	1.14	33.79
Rockville	2.65	.....	3.43	5.27	4.18	2.46	5.79	4.81	1.44	2.32	2.68	0.80	.....
Rome	3.75	2.98	6.77	7.58	4.24	3.17	6.29	5.31	3.14	2.75	1.10	2.09	49.17
Salamonia	3.06	3.18	5.77	4.51	4.08	4.11	7.44	5.32	5.03	2.78	1.52	1.86	43.66
Salem	3.33	3.36	6.00	6.35	5.67	1.73	3.71	5.78	3.15	2.04	1.11	3.05	45.28

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Indiana—Continued.													
Scottsburg	3.62	3.68	5.80	6.88	5.19	2.32	2.67	8.04	3.75	1.85	0.64	3.26	47.70
Seymour	3.02	3.73	5.41	7.37	4.27	3.19	2.74	5.12	2.82	1.87	0.56	1.77	41.87
Shelbyville	1.79	1.88	4.82	5.55	4.32	2.51	6.11	5.31	2.88	2.21	1.19	1.43	40.00
Shoals	3.53	3.50	4.83	6.90	10.26	3.18	8.87	5.84	4.41	0.79	1.33	1.40	54.84
South Bend	1.39	1.89	1.45	3.08	5.47	1.37	7.06	6.46	4.32	1.84	3.00	0.90	38.23
Terre Haute	1.79	2.42	6.86	6.19	4.01	3.92	7.29	5.64	2.39	3.17	1.16	1.10	45.94
Veedersburg	1.71	3.23	3.43	5.03	3.26	2.07	8.19	4.76	2.27	2.12	2.60	0.52	39.19
Vevay	6.70	2.85	.....	.....	7.20	.....	4.16	12.00	4.95	2.00	1.35	2.45	.....
Vincennes	3.35	4.06	6.05	6.05	4.45	1.95	5.23	6.15	5.70	1.45	2.50	1.20	48.14
Washington	3.02	3.73	4.87	7.37	5.00	1.89	5.99	5.13	3.60	1.12	1.79	1.34	44.85
Whitestown	1.74	1.94	4.83	4.28	4.92	2.06	4.78	5.42	3.56	1.34	1.64	1.24	37.75
Whiting	0.85	1.64	1.60	2.83	4.94	3.20	3.43	2.16	4.16	3.84	2.50	1.05	32.20
Winona Lake	1.31	1.08	2.46	2.66	4.25	4.17	5.82	6.39	2.32	2.06	3.25	1.19	36.96
Worthington	1.87	3.11	5.54	4.66	6.27	3.15	6.39	5.57	4.11	1.43	2.10	1.46	45.66
Iowa.													
Afton	0.10	2.68	3.34	5.04	5.84	3.20	2.46	3.68	6.02	3.67	1.30	0.56	37.89
Albia	0.20	1.43	1.57	2.84	5.40	1.50	2.70	2.77	2.19	2.74	0.73	0.80	24.87
Algona	0.43	0.33	0.99	2.73	4.12	2.30	4.73	6.71	3.14	2.50	1.20	1.23	30.41
Allerton	0.07	1.53	1.20	2.93	3.67	1.79	1.38	3.20	2.29	3.39	0.62	1.05	23.12
Alta	0.77	0.71	1.93	3.30	6.10	3.41	4.03	6.13	3.62	1.34	2.00	0.87	34.21
Alta (near)	0.90	0.64	1.58	3.21	6.41	3.33	5.27	5.97	3.56	1.20	1.90	0.82	34.79
Alton	0.85	0.50	1.31	2.24	3.47	1.77	3.24	2.61	2.36	1.89	0.67	0.41	21.31
Amana	0.23	1.46	2.29	2.94	3.94	1.64	2.26	1.77	3.01	2.57	1.70	0.97	24.78
Ames	0.49	1.43	1.95	3.33	5.40	2.98	3.37	4.14	6.61	4.26	0.93	0.94	35.83
Atlantic	0.52	1.74	2.61	3.59	0.72	3.38	1.82	2.88	6.05	4.38	0.40	0.36	28.45
Audubon	0.34	1.14	3.16	3.90	1.04	4.15	4.29	3.04	10.12	3.97	0.67	0.20	36.02
Baxter	0.93	1.13	1.68	2.18	4.39	3.60	4.11	3.20	6.90	2.28	0.68	0.67	31.75
Bedford	0.18	2.63	1.80	2.68	2.69	1.47	1.53	3.59	4.43	3.43	0.43	0.67	25.53
Belle Plaine	0.43	2.40	1.95	1.99	5.26	2.24	4.34	2.03	4.87	4.70	1.57	0.76	32.54
Belmond	1.04	0.51	1.35	3.13	4.53	2.31	4.81	5.03	2.98	2.22	0.79	1.02	29.72
Bloomfield	0.40	2.40	2.44	3.61	.....	2.12	3.12	1.73	0.96	5.77	1.73	0.38	.....
Bonaparte	0.28	1.01	1.20	2.91	2.14	2.21	2.23	2.44	3.78	3.90	1.33	0.54	23.97
Boone	0.43	0.81	2.01	2.36	3.64	3.13	2.36	3.17	5.94	2.52	0.56	0.24	27.17
Britt	0.33	0.20	0.70	3.94	2.64	2.78	4.38	5.66	3.52	2.65	1.04	1.14	28.98
Buckingham	0.45	1.77	1.42	1.19	2.90	2.52	3.70	2.01	4.68	3.36	1.09	0.56	25.65
Burlington	0.65	1.45	2.88	2.10	2.15	1.87	3.85	2.36	2.56	4.09	1.94	0.71	26.61
Carroll	0.70	0.50	2.20	2.30	0.87	5.01	2.60	4.76	5.65	4.37	0.91	0.58	30.45
Cedar Rapids	0.46	1.82	1.93	3.20	3.14	3.32	2.21	2.80	3.63	2.34	1.36	0.69	26.90
Centerville	0.14	2.63	1.62	2.84	3.56	1.41	1.22	1.84	0.28	2.17	.....	0.17	.....
Chariton	0.15	1.80	2.45	3.17	5.17	3.40	3.25	2.24	2.50	3.06	0.54	1.40	29.73
Charles City	0.93	0.26	1.36	2.41	2.75	2.12	3.82	4.33	1.53	2.58	0.64	1.00	23.73
Clarinda	0.11	2.74	2.06	2.61	2.40	2.81	2.24	5.50	4.14	3.18	0.87	0.34	29.00
Clear Lake	0.15	0.22	0.60	1.82	1.28	1.95	4.95	5.49	1.41	1.70	0.60	0.75	20.92
Clinton	0.44	1.63	2.14	.....	.....	.....	4.18	4.24	2.89	4.36	1.06	1.31	.....
Columbus Junction	0.11	1.81	2.07	2.75	2.27	1.98	4.91	2.20	1.78	4.67	1.46	0.48	26.49
Corning	0.10	2.40	2.80	4.09	2.50	2.81	2.58	3.55	4.77	3.77	0.79	0.60	30.76
Corydon	0.13	1.71	1.46	2.65	6.39	5.06	1.26	2.38	2.76	3.52	0.70	1.22	29.24
Council Bluffs	0.60	3.10	3.50	1.98	1.24	4.11	2.54	4.94	7.91	2.69	0.52	.....	.....
Creston	0.20	1.39	1.62	5.66	3.93	2.67	2.24	4.26	6.64	3.85	0.38	0.44	33.28
Cumberland	0.35	1.70	2.50	3.15	1.29	3.54	1.57	3.61	4.94	2.90	0.42	0.13	26.10
Davenport	0.18	1.21	2.34	2.76	2.75	3.19	2.79	2.77	2.28	4.04	0.98	0.56	25.85
Decorah	0.61	0.50	0.96	1.85	3.08	3.69	4.28	4.94	3.37	1.03	0.77	1.28	26.36
Delaware	0.26	0.82	0.84	2.34	3.77	1.68	1.61	6.79	5.35	3.42	0.85	1.07	28.80
Denison	0.75	0.52	2.20	2.31	2.10	4.84	4.12	3.82	6.04	2.64	0.82	0.52	30.68
Des Moines	0.53	1.86	2.87	2.75	5.62	2.60	3.07	3.52	4.20	3.75	1.11	0.30	32.18
Dubuque	0.55	1.77	2.07	2.49	5.98	1.93	4.81	6.79	4.42	3.50	1.51	1.00	36.82
Earlham	0.37	2.18	5.25	3.73	2.88	3.82	3.28	3.73	5.31	3.29	1.37	0.40	35.61
Elkader	0.68	2.40	2.18	1.76	2.93	1.19	4.79	5.41	4.21	2.22	0.75	0.88	29.40
Elliott	T.	1.50	1.85	2.43	1.31	3.41	1.62	2.82	2.53	3.12	0.31	0.19	21.09
Elma	0.44	0.55	.....	.....	2.23	2.37	6.42	3.91	2.45	2.12	0.42	1.50	.....
Estherville	0.60	0.50	0.89	2.75	2.55	1.40	5.57	4.39	2.45	1.20	0.50	1.25	24.05
Fairfield	0.16	1.20	1.35	3.67	3.83	2.01	3.67	1.12	0.83	3.11	0.98	0.44	22.37
Fayette	0.68	0.64	1.72	1.71	3.00	1.03	4.27	7.90	5.01	2.27	0.65	1.21	30.09
Forest City	0.75	0.65	1.18	2.12	3.32	1.60	5.75	4.84	2.11	2.67	1.70	1.07	27.76
Fort Dodge	0.70	0.10	1.95	2.06	4.61	2.76	4.38	2.42	4.03	3.66	0.60	0.88	28.15
Fort Madison	0.50	1.45	1.30	2.54	1.90	3.05	2.75	3.27	2.42	3.33	1.88	0.55	24.94
Gilman	1.70	1.30	2.30	1.33	4.18	2.67	3.10	2.78	7.21	4.63	0.68	.....	.....
Grand Meadow	1.02	0.87	1.46	1.43	3.03	1.23	7.56	5.26	3.95	2.19	0.56	1.36	29.92
Greenfield	0.23	1.98	2.94	3.96	2.23	2.96	1.17	4.00	4.72	3.33	0.75	0.59	28.86
Grinnell	0.50	1.78	2.20	2.22	4.49	2.45	2.39	3.00	5.34	4.25	1.96	0.25	30.83
Grundy Center	0.70	0.70	2.54	1.50	3.65	2.70	2.76	4.42	5.64	2.64	1.00	1.22	29.47
Guthrie Center	0.51	1.73	3.33	2.92	1.60	3.87	7.56	2.82	9.32	3.37	0.56	0.54	38.13
Hampton	0.97	0.17	2.22	2.36	5.35	4.15	2.50	5.42	3.31	3.02	0.65	1.01	31.13
Harlan	0.57	0.97	2.94	3.38	1.07	5.71	2.62	2.69	8.86	4.00	0.50	0.38	33.69
Humboldt	0.78	0.28	1.80	.....	.....	.....	.....	.....	.....	2.72	0.71	1.00	.....
Independence	0.55	0.74	1.85	1.83	4.43	0.88	3.75	6.86	6.23	2.43	1.65	0.64	31.84
Indianola	0.47	2.08	2.35	3.57	4.31	3.52	4.52	2.18	6.38	5.15	1.74	0.47	36.74
Inwood	0.37	0.04	1.00	1.99	2.76	1.13	3.22	1.63	1.37	1.31	0.04	0.39	15.25
Iowa City	0.26	1.21	2.30	3.50	2.88	2.60	3.60	3.62	2.67	3.54	1.11	0.75	28.04
Iowa Falls	0.90	0.58	2.04	2.83	4.96	3.16	4.62	2.91	4.51	2.61	0.70	0.80	30.62
Jefferson	0.88	0.69	3.87	2.38	1.52	3.62	3.21	4.25	5.78	3.07	0.43	0.37	29.87
Keokuk	0.18	0.94	1.38	2.41	1.82	2.23	4.45	2.50	1.73	4.47	1.81	0.50	24.42
Keosauqua	0.50	1.61	1.62	2.49	2.53	2.93	2.14	3.02	2.54	4.00	1.48	0.37	25.23
Knoxville	0.40	2.78	2.35	2.08	5.49	0.91	3.86	1.76	4.94	4.07	0.87	0.82	30.33
Lacona	0.51	1.90	2.26	2.44	5.20	2.14	2.59	2.44	4.95	4.74	1.55	0.90	31.62
Lake Park	.....	.....	.....	.....	.....	.....	.....	3.06	2.20	1.17	1.50	0.10	.....
Lamoni	0.10	2.32	1.54	2.54	3.64	2.44	2.13	5.94	3.25	3.35	0.43	0.42	28.10
Lansing	.....	.....	.....	.....	.....	.....	.....	3.39	3.06	1.53	0.68	0.68	.....
Larrabee	0.17	.....	1.22	3.37	6.22	2.03	4.30	2.66	3.19	2.22	.....	.....	.....
Le Claire	0.22	1.34	1.82	3.99	4.61	2.76	3.04	2.16	2.07	3.91	1.27	1.28	28.47
Le Mars	0.62	0.43	1.44	2.14	4.35	3.26	5.05	2.75	3.81	2.05	1.10	0.34	27.34
Lenox	0.08	3.25	3.82	3.89	2.73	2.50	1.73	5.75	4.79	3.63	1.33	0.35	34.35
Leon	0.17	2.08	2.70	2.78	5.82	.....	.....	3.87	3.60	1.55	0.37	0.99	.....
Little Sioux	0.55	0.50	2.35	2.50	1.62	4.24	2.56	2.46	7.04	2.72	0.98	0.40	28.01

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Iowa—Continued.													
Logan	0.33	0.80	2.80	2.82	0.89	4.93	2.61	2.29	7.31	3.30	1.04	0.34	29.46
Marshalltown	0.99	2.04	2.30	2.09	3.44	3.05	2.25	2.31	5.50	4.40	0.73	0.83	29.93
Mason City	0.50	0.41	0.72	3.15	2.51	1.94	6.21	6.96	1.47	1.95	0.62	0.89	27.33
Monroe	0.41	2.04	2.55	3.60	4.79	2.21	3.33	2.58	4.84	4.19	0.76	0.53	31.83
Mount Ayr	0.11	2.19	1.87	3.09	4.57	4.23	2.02	3.66	3.67	3.66	0.73	0.85	30.65
Mount Pleasant	0.42	1.76	2.10	3.08	2.11	3.96	3.52	2.00	1.48	4.34	1.49	1.06	27.32
Murray	0.19	2.00	1.87	4.68	5.12	3.47	2.10	2.62	4.79	4.96	0.86	0.42	33.08
Muscatine	0.27	1.89	1.90	2.49	2.64	1.41	4.80	2.59	1.55	4.74	1.32	1.00	26.50
New Hampton	0.20	0.30	1.10	1.24	3.11	2.32	5.08	5.04	2.79	2.35	0.80	1.12	25.45
Nora Springs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.62	1.28	.....
Northboro	0.07	3.04	2.17	2.61	1.60	3.56	2.02	4.96	3.90	3.07	1.26	0.30	28.56
Northwood	0.86	0.60	1.60	4.98	3.97	2.31	6.66	4.28	2.67	2.19	1.80	1.75	33.67
Odebolt	0.87	0.47	2.27	2.68	3.15	4.62	3.18	5.25	3.92	1.90	1.70	0.94	30.95
Olin	0.50	1.26	1.80	2.81	3.94	2.33	3.24	7.72	3.26	3.34	2.33	1.40	33.93
Onawa	1.03	1.64	3.70	3.05	1.67	3.55	2.74	7.66	3.47	2.01	1.20	0.65	32.37
Osage	0.40	0.55	1.10	2.68	2.87	2.32	7.40	4.65	3.74	2.21	0.75	0.96	29.63
Oskaloosa	0.30	0.88	1.81	2.04	3.54	2.48	4.07	2.79	1.54	2.42	1.23	0.69	23.79
Ottumwa	0.13	2.33	2.27	1.53	3.20	2.69	3.47	1.21	0.60	.....	0.10	1.10	.....
Pacific Junction	0.10	2.37	2.59	2.12	0.74	3.99	2.96	2.62	5.75	4.71	0.43	0.16	28.54
Pella	0.38	2.06	2.67	2.16	4.50	2.11	3.68	1.50	4.98	4.36	1.02	0.66	30.18
Perry	.....	0.70	2.30	2.17	1.49	3.27	5.35	4.49	6.75	2.87	0.52	0.47	.....
Plover	0.95	0.30	3.18	2.55	3.55	4.00	.....	.....	.....	.....	.....	.....	.....
Pocahontas	0.55	0.27	1.64	2.51	4.10	3.66	4.92	3.94	4.14	1.62	1.35	1.31	30.01
Ridgeway	0.77	0.55	2.73	3.02	3.80	3.61	5.38	3.14	5.27	.....	.....	.....	.....
Rock Rapids	1.15	0.05	0.87	1.72	2.00	0.78	4.15	1.90	2.10	1.35	0.00	0.20	16.27
Rockwell City	1.90	1.40	2.60	2.57	3.05	4.07	6.25	4.40	5.93	3.40	0.60	0.55	36.72
Sac City	1.30	1.05	3.30	2.32	2.54	3.57	2.64	4.58	5.06	2.10	1.02	0.85	30.33
St. Charles	0.42	1.75	3.31	3.96	4.45	3.48	3.00	3.07	6.14	4.72	1.18	0.33	35.81
Sheldon	.....	.....	.....	1.78	2.52	1.35	3.11	4.56	2.13	1.95	1.04	0.10	.....
Sibley	0.60	0.18	1.45	2.16	2.10	1.36	4.08	3.45	2.28	1.45	0.23	0.51	19.85
Sigourney	0.21	1.33	1.39	3.83	2.57	1.40	3.27	2.05	1.96	2.69	1.41	0.97	23.08
Sioux Center	1.05	0.52	1.40	2.07	2.84	1.48	3.78	3.61	1.83	1.15	0.54	0.35	20.62
Sioux City	0.99	0.98	2.90	1.98	2.76	3.49	3.68	7.03	3.57	1.58	1.03	0.55	30.54
Spencer	.....	0.40	1.75	3.84	3.13	1.97	3.16	3.40	2.54	1.78	1.15	.....	.....
Stockport	0.28	2.34	3.45	3.08	3.52	3.55	3.35	1.53	1.70	4.02	1.24	0.54	28.60
Storm Lake	0.61	0.40	1.37	2.91	4.85	3.75	3.90	5.33	4.56	1.11	2.38	0.97	32.14
Thurman	0.17	2.55	2.30	1.85	1.36	2.96	3.36	2.16	7.71	5.39	0.42	0.29	30.52
Tipton	0.38	1.57	1.92	3.08	2.50	3.71	2.41	3.75	3.09	3.43	0.96	0.90	27.70
Toledo	1.10	.....	2.20	1.68	4.10	2.93	3.39	2.51	5.64	3.80	0.79	0.80	.....
Wapello	0.05	1.22	1.88	1.96	2.76	1.05	5.13	1.79	1.06	4.25	0.91	0.38	22.44
Washington	0.12	2.06	2.01	2.20	1.59	1.17	6.60	0.89	1.39	2.76	1.02	0.80	22.61
Washta	0.90	0.48	1.70	3.31	5.04	2.65	4.63	5.35	3.83	1.54	1.80	0.28	31.51
Waterloo	0.73	0.94	1.34	0.87	1.78	2.60	6.23	6.40	5.75	1.91	0.97	0.80	30.82
Waukee	0.64	0.75	1.66	3.03	2.86	3.55	3.50	3.12	7.06	2.71	0.96	0.59	30.43
Waverly	0.70	0.35	.....	0.78	2.28	2.08	2.89	5.05	4.25	1.75	0.83	1.50	.....
Webster City	.....	.....	.....	.....	.....	3.84	4.97	2.85	4.71	3.75	0.73	0.55	.....
West Bend	0.70	0.60	1.84	2.35	5.25	2.26	4.35	4.69	2.35	1.84	1.58	1.35	29.16
Whitten	0.65	1.30	2.90	1.93	2.74	3.07	4.48	2.95	5.21	.....	0.85	1.13	.....
Winterset	0.40	1.83	2.75	3.82	3.45	3.73	3.04	3.94	4.41	4.37	1.39	0.66	33.79
Woodburn	0.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas.													
Abilene	0.06	0.88	1.00	0.92	0.86	3.40	4.36	8.80	2.18	1.68	0.14	0.34	24.62
Agricultural College	0.30	2.47	6.49	1.40	1.93	3.53	3.23	3.38	3.50	3.37	0.05	0.41	30.06
Alden	0.04	2.04	1.21	0.54	3.73	4.22	3.30	4.61	1.97	2.66	T.	0.22	24.54
Alton	0.20	4.94	2.42	2.29	1.48	3.49	2.52	9.44	1.02	1.34	0.56	T.	29.70
Anthony	0.04	2.30	1.75	3.29	4.58	1.79	0.56	3.53	4.14	1.06	0.09	0.59	23.72
Ashland	0.18	2.05	1.17	1.80	1.31	5.32	2.53	2.94	2.14	0.34	0.21	0.03	20.02
Atchison	T.	1.80	2.75	1.30	.....	.....	3.79	3.35	5.40	3.00	0.39	0.51	.....
Beloit	0.03	1.71	1.20	1.63	2.29	3.65	2.42	6.88	1.36	2.75	0.13	0.01	24.06
Blakeman	0.07	0.69	1.25	1.53	1.34	3.87	2.58	4.10	3.17	1.13	0.19	0.34	20.26
Blue Rapids	T.	2.40	1.49	1.58	2.08	4.09	2.83	2.48	3.67	2.52	0.13	0.13	23.40
Centralia	0.02	2.25	2.19	3.75	2.23	3.86	2.25	2.96	4.64	2.37	0.29	0.31	27.12
Burlington	0.10	2.01	5.32	3.92	7.31	4.32	1.19	4.01	2.84	2.01	0.19	0.55	33.77
Chanute	0.51	2.81	9.15	5.81	3.97	5.85	2.45	3.44	2.35	4.39	1.28	1.12	43.13
Chapman	0.30	1.65	3.18	1.23	1.64	2.35	4.38	4.52	.....	2.85	.....	.....	.....
Cimarron	0.23	2.39	1.18	3.28	1.54	6.84	4.89	9.84	2.59	0.35	0.25	0.05	33.43
Clay Center	T.	1.80	1.65	1.40	1.73	2.88	1.78	5.18	3.29	2.57	T.	0.42	22.70
Coffeyville	.....	.....	.....	7.10	3.78	6.53	.....	.....	1.55	3.84	0.47	1.03	.....
Colby	0.13	0.85	1.66	0.98	1.00	3.34	3.29	4.48	3.03	0.76	0.30	0.20	20.02
Coldwater	0.13	2.18	0.96	1.77	2.48	4.06	1.36	5.95	2.50	0.80	0.03	0.11	22.33
Columbus	0.37	3.17	5.99	6.87	4.69	8.28	2.81	1.83	1.42	4.99	1.26	0.40	42.08
Concordia	0.03	2.41	1.32	1.35	3.26	2.96	1.33	5.18	2.68	3.11	0.10	0.12	23.85
Coolidge	0.04	0.81	0.26	1.19	0.86	3.09	2.76	1.55	2.35	0.03	0.35	0.00	13.29
Cottonwood Falls	0.12	1.04	3.73	2.97	2.19	3.17	1.68	4.53	2.44	4.25	0.28	0.95	27.35
Council Grove	0.09	1.15	2.15	1.15	2.75	3.65	4.03	3.67	4.37	6.58	1.14	0.73	31.46
Cunningham	T.	1.65	1.82	2.81	3.78	2.73	2.57	3.00	2.55	.....	0.27	0.40	.....
Densmore	0.10	1.20	1.28	1.09	1.43	3.50	1.85	7.86	1.31	1.17	2.85	0.01	23.65
Dodge City	0.16	2.13	0.97	1.73	1.03	3.55	0.88	5.80	2.75	0.15	0.26	T.	24.41
Dresden	0.13	1.54	3.57	0.94	0.53	3.84	3.29	4.85	1.63	1.16	0.60	0.17	22.25
El Dorado	0.08	2.26	3.41	5.12	4.36	2.68	1.44	4.76	3.35	2.49	0.13	0.81	30.89
Ellinwood	0.10	2.47	1.50	2.09	2.95	4.33	1.55	4.50	2.25	1.17	0.21	0.10	23.22
Ellsworth	0.26	3.07	2.45	1.24	4.01	3.43	3.14	3.92	1.51	0.91	T.	0.12	24.06
Emmett	.....	.....	.....	.....	.....	5.12	3.10	3.11	2.24	2.14	T.	0.36	.....
Emporia	0.07	1.41	3.44	2.04	2.50	3.05	2.68	2.74	2.06	4.23	0.68	0.53	25.43
Enterprise	T.	2.61	2.39	1.66	2.34	3.25	3.65	4.30	3.14	2.56	0.00	0.40	26.30
Eskridge	0.25	2.23	4.95	2.38	7.04	5.53	3.56	5.41	6.75	8.62	0.66	0.53	47.91
Eureka	T.	1.88	3.98	6.31	5.57	5.13	0.87	2.58	2.49	2.79	0.15	0.80	32.55
Fall River	0.50	2.12	4.45	5.22	5.10	.....	.....	3.61	2.57	4.62	0.25	0.45	.....
Fargo	0.00	3.43	0.60	2.57	1.95	5.33	2.77	5.70	2.07	T.	0.10	0.00	24.52
Farnsworth	0.02	1.30	1.56	1.58	1.00	4.94	2.83	4.87	1.55	0.53	0.42	T.	20.30
Fort Scott	0.35	3.08	4.78	7.24	5.09	4.19	2.83	1.74	1.17	4.12	0.54	0.75	35.88
Frankfort	0.15	1.50	2.35	1.91	1.34	3.18	1.42	2.76	3.82	2.69	0.41	T.	21.53
Fredonia	0.15	2.02	2.74	5.37	5.88	3.95	1.49	1.49	3.76	4.50	0.76	0.71	32.82
Garden City	0.28	3.04	0.98	2.36	0.67	4.16	1.57	3.91	1.04	0.15	0.29	0.05	18.30
Garnett	0.37	2.02	6.41	4.73	5.38	4.86	5.69	3.23	2.73	3.03	0.33	1.61	39.79

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Kansas—Continued.													
Goodland	0.20	1.20	3.20	1.03	.....	3.82	5.58	4.61	3.21	0.70	1.05	0.55	.....
Gove	0.02	.....	.....	.....	0.70	3.76	3.15	.....	.....	.....	.....	.....	.....
Great Bend	0.10	1.50	2.19	2.33	3.02	3.94	3.28	4.05	1.48	0.71	0.31	0.06	22.97
Greensburg	0.15	2.60	1.24	0.95	3.37	3.94	1.39	5.65	2.89	1.16	0.04	0.08	23.46
Grenola	0.20	2.63	2.49	5.50	4.86	2.78	1.18	2.83	1.61	6.29	0.42	0.86	31.65
Hanover	0.02	2.41	2.14	1.75	1.74	4.99	0.92	2.06	2.82	5.84	0.09	T.	24.78
Harrison	T.	3.15	2.62	3.00	1.43	5.34	2.18	7.43	0.94	2.72	0.23	T.	29.04
Hays	0.02	1.98	1.60	1.66	2.70	4.32	0.88	3.52	1.85	0.51	1.13	0.03	20.20
Hess	T.	4.10	0.70	1.87	0.69	6.62	4.33	.....	.....	0.28	.....	.....	.....
Hill City	0.14	1.51	2.60	1.13	0.77	3.28	1.07	6.47	0.49	0.97	2.52	T.	20.95
Horton	0.07	2.40	2.29	1.93	2.35	3.49	3.69	3.66	5.46	2.85	0.41	0.82	29.42
Howard	0.10	2.46	2.85	5.52	3.67	4.78	0.24	3.73	1.55	4.54	0.38	0.61	30.43
Hoxie	T.	1.45	3.00	0.69	0.86	4.10	4.81	7.27	1.17	0.95	1.15	T.	25.45
Hugoton	0.36	3.03	0.93	3.07	1.66	4.28	.....	.....	.....	.....	.....	.....	.....
Hutchinson	0.09	2.08	3.39	2.07	3.87	2.95	3.35	3.95	3.89	1.52	T.	0.36	27.52
Independence	0.17	2.69	4.82	8.48	4.36	5.04	3.25	3.24	2.15	4.25	1.66	0.91	41.02
Iola	0.37	2.01	5.18	5.70	4.15	5.98	1.49	3.78	3.82	3.59	0.26	0.51	36.84
Irene	T.	1.00	0.30	1.94	0.98	2.76	2.11	2.65	1.09	0.19	0.64	0.02	13.68
Jetmore	0.17	3.35	2.24	2.82	3.60	5.23	0.58	4.84	2.47	0.14	0.58	T.	26.02
Kingman	0.05	3.02	2.50	1.94	3.05	3.02	1.93	4.74	5.00	1.83	0.12	0.22	27.42
La Crosse	0.08	1.99	1.72	1.14	2.66	4.35	0.61	2.58	2.62	.....	0.84	T.	.....
Lakin	0.16	1.23	0.59	2.21	0.19	2.65	0.88	2.14	1.15	T.	0.10	T.	11.30
Larned	0.04	1.58	0.86	1.43	4.59	5.05	1.05	4.78	2.33	0.64	0.33	T.	22.68
Lawrence	0.36	0.59	5.84	1.26	5.15	2.41	3.10	4.17	4.21	3.63	1.23	0.52	32.47
Leavenworth	0.02	1.31	3.98	1.42	3.61	2.33	4.64	3.71	3.44	2.98	1.94	0.23	29.61
Lebanon	0.05	0.88	1.66	0.95	0.81	.....	3.05	4.91	0.67	2.58	0.15	T.	.....
Lebo	0.21	1.00	4.80	1.86	4.97	3.42	1.93	2.38	4.48	3.38	0.73	0.64	29.80
Leoti	0.29	1.08	1.53	0.30	1.38	2.40	5.07	5.36	1.31	0.27	0.11	T.	19.10
Le Roy	0.04	1.61	4.55	4.51	7.46	3.23	1.06	4.09	4.14	2.76	0.38	0.52	34.35
Liberal	0.08	2.50	0.67	1.39	0.95	3.86	1.72	6.17	2.25	0.47	0.10	T.	20.16
Lincoln	0.37	4.76	2.94	1.81	1.53	3.48	3.55	2.19	1.83	1.55	0.05	T.	24.06
Lindsborg	0.05	1.79	1.98	0.21	2.12	.....	.....	2.56	2.52	3.62	0.00	0.46	.....
McCracken	0.08	2.57	1.02	1.88	2.73	3.74	4.13	2.90	2.12	0.23	1.00	T.	22.40
Macksville	T.	2.14	1.31	1.16	2.36	3.38	2.30	7.51	2.60	1.79	0.15	0.03	24.73
McPherson	0.13	2.56	3.19	1.95	3.39	4.10	1.79	5.95	4.51	3.21	0.10	0.43	31.31
Madison	0.06	2.05	3.70	3.09	3.71	4.68	3.31	3.08	2.02	2.63	0.31	0.65	29.29
Manhattan	0.34	2.15	2.25	1.14	1.64	3.66	3.00	3.55	3.58	2.81	0.16	0.32	24.60
Marion	0.32	1.70	2.50	1.26	2.28	3.04	3.46	4.51	1.95	6.52	0.02	0.87	28.43
Medicine Lodge	0.03	1.66	1.27	3.81	4.65	3.01	2.68	4.69	7.79	1.54	0.09	0.38	31.60
Medora	.....	.....	.....	2.22	2.43	2.63	1.06	.....	.....	.....	.....	.....	.....
Minneapolis	0.06	1.80	1.79	1.79	1.75	2.54	2.84	6.00	2.81	2.91	0.10	0.08	24.47
Minneola	.....	.....	.....	.....	.....	5.89	1.01	4.23	1.82	0.26	T.	T.	.....
Moran	0.82	1.72	4.13	6.62	5.05	3.75	2.13	2.86	2.86	3.74	0.53	0.80	35.01
Mount Hope	0.00	2.60	3.06	2.30	2.76	1.91	1.62	2.57	2.48	2.34	0.00	0.60	22.24
Natoma	0.30	2.90	2.00	3.10	2.10	2.80	1.50	4.86	0.03	1.57	1.20	T.	22.36
Neosho Rapids	T.	1.03	3.29	2.14	4.56	4.08	2.49	1.82	3.08	4.00	1.62	0.94	29.05
Ness City	.....	2.38	.....	2.10	3.98	5.26	0.66	3.26	.....	.....	.....	.....	.....
Newton	0.06	2.14	3.30	2.12	2.45	1.91	3.88	5.11	1.56	5.26	0.00	0.92	28.71
Norton	0.10	2.13	4.56	1.34	1.97	3.57	2.04	5.60	1.14	1.29	1.86	0.10	25.70
Norwich	0.02	2.03	2.50	3.53	3.96	3.28	1.71	4.48	4.57	2.20	0.10	0.75	29.13
Oberlin	0.29	1.58	3.03	0.96	0.81	2.62	3.55	5.18	2.08	1.98	1.15	0.48	23.71
Oketo	0.03	2.61	2.35	2.19	1.73	3.42	0.41	5.46	3.29	5.08	0.28	0.21	27.06
Olathe	0.44	1.48	7.26	2.06	3.83	3.84	4.32	5.52	3.31	2.32	0.62	0.93	35.93
Oswego	0.40	3.10	6.34	6.41	3.55	9.65	3.40	1.50	1.45	5.28	1.39	0.47	42.94
Ottawa	0.16	1.42	4.49	2.24	5.65	5.81	1.69	3.33	2.95	2.58	0.86	0.74	31.92
Phillipsburg	0.10	1.82	2.70	2.88	2.04	4.05	1.86	3.44	1.15	0.56	2.38	0.05	23.03
Plains	T.	1.65	0.40	1.88	1.26	7.63	2.85	5.15	1.74	T.	T.	0.00	22.56
Plainville	0.32	1.95	2.50	1.50	2.70	2.47	0.61	5.85	0.50	1.15	1.10	T.	20.65
Pleasanton	0.26	2.21	5.33	5.92	3.70	4.85	3.06	2.49	2.88	3.48	0.31	0.98	35.47
Pratt	.....	2.12	2.17	2.07	1.83	2.43	2.42	2.95	3.17	3.04	0.93	0.18	.....
Quenemo	.....	.....	5.41	2.11	7.12	4.53	2.38	1.93	5.13	3.79	0.64	0.48	.....
Republic	0.10	3.10	2.20	2.76	1.32	4.79	1.62	8.70	1.56	3.20	0.18	T.	29.53
Richfield	0.00	3.73	0.55	2.88	1.82	2.12	1.55	1.34	0.81	0.07	0.47	T.	15.34
Rome	T.	3.02	2.44	5.35	5.64	2.49	2.16	8.89	4.62	2.93	0.91	0.64	39.09
Russell	T.	2.86	3.03	2.47	6.36	5.49	4.73	4.06	1.21	1.33	0.35	0.00	31.89
Russell Springs	0.17	1.12	1.76	0.27	0.65	2.79	3.43	7.76	1.43	1.16	T.	.....	.....
St. Francis	0.11	1.33	1.29	4.18	0.97	4.05	6.65	4.69	2.26	1.16	0.48	0.25	27.42
Salina	0.21	2.07	2.36	0.90	1.01	2.80	2.26	4.81	1.34	1.45	0.16	0.58	19.95
Scott City	0.14	3.30	6.26	1.26	0.52	2.97	3.30	6.00	0.58	0.22	0.35	T.	24.90
Sedan	0.15	2.14	3.36	7.43	5.28	4.21	2.29	1.53	1.89	4.01	0.76	0.85	33.90
Smith Center	0.02	2.20	1.49	1.30	2.38	6.54	1.23	6.63	1.02	1.81	0.72	0.02	25.36
Topeka	0.14	1.58	3.29	1.11	3.31	3.88	2.31	3.03	3.98	7.05	1.92	0.32	31.92
Toronto	0.35	1.79	4.55	5.77	5.94	5.73	3.88	2.28	3.62	2.90	0.30	0.33	37.44
Tribune	.....	.....	.....	.....	1.26	2.83	4.72	3.25	1.84	0.50	0.40	T.	.....
Ulysses	0.05	1.80	1.00	2.30	0.84	2.11	2.07	1.64	1.92	T.	0.20	T.	13.93
Valley Falls	0.14	1.23	2.65	2.29	3.63	4.35	3.28	3.74	2.32	3.98	0.55	0.65	28.81
Vinland	0.34	1.05	4.29	2.21	5.82	2.89	3.93	3.87	4.20	3.42	0.97	0.66	33.65
Wakeeney	0.01	1.57	1.44	1.65	0.74	4.50	1.84	2.84	0.56	0.65	0.90	T.	16.70
Wallace	0.04	1.36	0.81	0.42	0.47	3.33	2.61	6.19	.....	.....	.....	.....	.....
Walnut	0.40	4.01	8.06	8.44	5.83	7.98	1.55	2.49	2.49	4.14	.....	0.74	.....
Wellington	0.01	1.97	2.13	3.86	5.90	3.81	2.85	4.09	3.60	2.13	0.47	0.89	31.71
Wichita	0.12	2.32	3.07	3.87	5.18	3.27	1.28	3.14	3.36	2.18	0.50	0.85	29.14
Winfield	0.02	1.87	3.50	5.92	5.85	2.21	1.48	3.15	2.16	2.90	0.05	0.67	29.78
Wamego	0.20	2.18	2.47	1.71	2.52	3.95	3.55	3.55	4.15	2.18	T.	T.	26.46
Yates Center	0.95	2.10	4.66	5.26	6.40	2.90	3.00	2.45	3.34	2.89	0.25	0.26	34.46
Kentucky.													
Alpha	3.91	4.63	6.76	13.66	4.74	6.52	3.35	3.40	4.47	1.10	1.05	4.91	58.50
Anchorage	1.64	2.76	5.92	9.63	3.80	3.96	5.68	6.41	4.88	1.89	1.39	3.00	50.96
Bardstown	4.17	2.75	5.23	9.21	2.18	3.56	5.47	3.50	4.16	1.32	1.43	4.43	47.41
Beattyville	4.04	3.60	6.78	6.88	6.70	4.02	5.72	5.20	3.10	1.32	1.36	5.44	54.16
Beaver Dam	2.88	3.33	6.19	7.36	3.46	2.05	5.40	5.59	2.59	1.95	1.05	2.35	44.20
Berea	3.57	2.56	8.59	5.59	5.02	4.78	4.45	5.96	2.61	1.02	1.55	6.33	52.03
Blandville	3.25	4.91	6.35	7.81	3.49	4.34	1.84	2.21	2.79	4.40	0.73	2.14	44.26
Bowling Green	2.78	2.99	5.89	11.49	3.35	4.63	5.83	4.83	2.54	1.32	0.32	4.89	50.86

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Kentucky—Continued.													
Burnside	3.43	3.55	7.29	9.07	4.42	3.18	8.76	2.35	3.61	1.44	0.95	4.86	52.91
Calhoun	4.09	3.39	5.84	7.70	2.69	5.82	5.52	3.61	1.89	2.68	1.40	2.96	47.59
Catlettsburg	2.66	2.88	6.44	5.18	5.60	3.20	8.28	5.10	1.86	1.24	0.94	3.64	47.02
Earlington	4.44	3.66	4.89	6.69	3.12	5.21	3.95	3.07	2.09	2.57	0.61	2.53	42.83
Edmonton	2.57	3.53	6.10	7.89	6.48	3.34	6.01	5.79	.....	.....	.....	6.39	.....
Eubank	2.28	2.90	6.04	7.07	5.20	2.44	6.34	4.98	4.95	0.59	1.66	5.45	49.90
Falmouth	1.92	2.78	5.92	7.06	5.74	1.23	4.09	3.95	3.23	1.58	1.09	3.29	41.88
Farmers	2.72	2.68	4.80	5.28	4.34	2.60	6.00	8.22	1.56	0.38	.....	.....	.....
Frankfort	1.72	3.17	5.57	8.17	5.25	2.67	5.41	8.03	1.95	0.74	1.21	3.71	47.60
Franklin	3.57	2.82	5.25	7.25	3.58	3.92	5.50	3.73	4.01	1.44	1.13	6.81	49.01
Greensburg	2.66	2.78	5.64	6.11	7.93	4.25	6.49	4.77	2.68	0.52	2.30	5.13	51.26
High Bridge	3.00	2.66	5.13	6.68	5.06	1.75	7.06	4.52	2.03	0.54	1.19	3.83	43.45
Hopkinsville	2.87	3.79	6.02	13.19	2.87	4.70	7.61	5.07	1.20	1.17	1.28	3.00	52.77
Irvington	4.26	3.07	6.68	8.50	3.74	2.89	5.47	4.73	2.73	2.34	1.42	3.57	49.40
Leitchfield	2.88	3.41	5.61	7.93	3.02	5.17	4.79	4.13	3.03	1.70	0.57	3.78	46.02
Lexington	1.78	2.50	4.36	6.89	5.11	2.15	4.70	3.23	2.09	0.51	1.02	3.66	38.00
Loretto	2.27	0.63	4.46	6.24	3.70	3.76	5.80	4.41	2.93	0.62	1.02	4.42	40.26
Louisville (W. B.)	3.45	2.74	5.70	8.60	3.61	3.49	4.68	5.06	3.03	2.43	0.65	2.52	45.96
Louisville (Cherokee Park)	2.91	2.97	6.17	9.79	5.23	2.88	4.69	5.70	3.45	2.00	1.40	3.09	50.28
Marion	4.40	3.31	7.01	10.81	4.65	4.28	2.24	.....	3.27	2.57	1.67	3.50	.....
Maysville	2.22	2.85	6.49	6.12	4.81	1.44	5.67	4.41	2.29	1.36	1.52	3.51	42.79
Middlesboro	3.31	4.51	8.05	11.28	4.85	3.39	5.25	5.41	2.41	0.72	1.86	5.98	57.02
Mount Sterling	3.32	3.15	7.28	7.27	6.20	3.27	8.84	4.99	1.67	0.43	2.29	4.88	53.59
Owensboro	4.15	3.60	7.84	7.44	3.97	3.88	6.62	5.96	3.05	2.52	1.12	3.01	53.16
Paducah	4.88	2.93	6.20	8.92	3.28	6.07	4.76	1.50	1.76	3.00	1.24	2.12	46.48
Pikeville	3.14	1.98	6.15	6.39	4.50	2.20	6.50	3.02	2.80	0.32	1.00	2.27	40.27
Richmond	2.94	3.28	7.41	6.47	5.03	2.44	3.64	4.36	2.71	0.50	1.48	3.30	43.56
St. John	2.60	3.87	6.55	8.40	4.77	3.96	7.43	5.51	2.69	1.39	1.24	3.75	52.16
Scott	2.42	2.56	5.86	5.54	3.87	1.68	4.96	5.07	2.51	1.42	1.84	2.91	40.64
Shelby City	2.90	3.01	7.17	5.23	3.93	2.88	6.80	4.62	3.26	0.32	1.62	5.07	46.81
Shelbyville	2.74	3.05	6.42	8.73	4.45	2.70	4.05	5.15	3.05	1.41	1.09	4.69	47.53
Taylorsville	2.51	3.25	6.13	8.31	3.97	3.16	4.14	5.99	2.37	1.27	1.01	3.07	45.18
Williamsburg	4.39	3.38	6.19	9.14	7.22	4.35	7.87	4.16	3.57	0.70	1.19	4.98	57.14
Williamstown	2.22	1.36	6.94	6.57	5.34	1.20	2.38	6.56	2.75	1.62	1.26	2.51	40.71
Louisiana.													
Abbeville	7.57	6.13	4.13	3.98	6.08	9.17	7.06	5.39	2.28	1.68	1.63	13.86	68.96
Alexandria	3.50	2.68	6.65	6.95	2.78	4.68	6.08	7.08	1.10	1.20	0.70	12.83	56.23
Amite	5.70	5.00	10.25	15.47	10.15	11.92	12.21	7.65	4.22	3.50	2.75	15.44	104.26
Antioch	2.65	2.45	9.65	6.99	5.01	4.75	3.57	5.03	1.68	0.78	1.32	6.31	50.19
Avoca Island	.....	.....	.....	4.60	4.33	10.47	10.00	3.73	2.64	2.20	0.97	11.21	.....
Baton Rouge	5.00	3.55	5.79	8.48	9.79	5.69	9.48	5.21	6.63	1.16	0.68	17.59	79.05
Burnside	4.84	4.65	7.89	5.96	7.79	6.78	9.94	5.03	5.57	3.40	1.65	14.64	78.14
Burrwood	5.41	6.54	3.56	2.06	5.66	5.74	5.33	6.96	17.60	15.97	2.35	8.83	86.01
Cades	6.00	3.37	3.60	4.96	4.52	9.91	5.70	4.04	1.22	1.53	0.44	15.68	60.97
Calhoun	2.87	2.74	9.99	6.94	4.72	1.85	3.94	6.42	1.65	1.19	0.48	7.81	50.60
Cameron	.....	.....	.....	3.87	6.74	4.32	2.94	5.26	2.11	4.39	1.13	14.95	.....
Carrollton	.....	.....	.....	.....	.....	.....	.....	.....	4.29	2.38	2.91	11.88	.....
Cheneyville	2.20	2.85	7.00	5.85	5.54	5.67	6.78	5.30	1.42	0.73	0.95	15.10	59.39
Cinclare	5.85	4.70	6.08	9.15	10.61	5.74	6.35	6.08	3.60	1.70	0.55	20.05	80.46
Clinton	4.60	3.72	4.63	6.96	5.43	4.61	4.72	5.20	2.85	0.92	1.00	13.00	57.64
Collinston	4.06	2.44	9.92	8.19	3.56	3.28	5.14	3.56	1.51	1.66	0.30	9.03	52.65
Covington	4.98	5.39	7.43	15.74	12.58	4.12	11.46	6.45	5.99	1.52	2.89	11.85	90.40
Dodson	6.01	2.93	8.88	7.02	2.33	0.87	4.06	4.50	0.58	1.45	0.30	9.86	48.79
Donaldsonville	10.65	5.90	16.58	7.61	12.73	13.43	11.23	13.50	5.65	2.11	2.15	28.03	129.57
Dutchtown	6.90	4.43	4.02	7.01	8.23	6.09	7.64	9.40	5.86	1.00	1.50	14.95	77.03
Farmerville	2.91	2.36	11.11	5.36	4.17	3.89	5.05	3.49	0.90	2.38	0.95	7.30	49.87
Ferriday	3.31	2.90	7.11	6.77	.....	5.09	5.91	4.52	0.60	0.80	0.55	.....	.....
Franklin	3.73	5.10	4.18	2.19	5.99	11.46	12.75	4.97	6.72	2.32	0.83	15.18	75.42
Franklinton	5.22	3.28	.....	17.90	5.13	3.42	10.59	13.45	4.02	1.02	0.92	15.45	.....
Grand Cane	2.35	2.97	10.41	4.58	2.40	1.42	6.08	5.21	0.42	0.89	0.54	6.41	43.68
Grand Coteau	5.60	6.34	5.67	5.33	13.72	4.98	5.74	8.72	0.19	.....	.....	12.80	.....
Gueydan	.....	.....	.....	.....	.....	.....	.....	.....	1.97	1.73	1.01	11.50	.....
Hammond	2.41	5.13	8.15	8.15	11.67	5.23	7.95	7.38	3.75	1.75	1.75	14.05	77.37
Houma	3.39	5.07	3.17	2.30	7.33	6.70	7.24	2.45	3.02	1.58	1.90	10.05	54.20
Jena	.....	.....	6.93	4.28	2.10	4.95	5.23	2.41	3.03	0.45	0.92	11.21	.....
Jennings	5.06	3.88	3.97	4.67	3.57	5.69	7.77	12.71	1.44	1.88	2.00	17.10	69.74
Laark	.....	1.70	8.90	.....	.....	4.34	5.82	5.21	2.17	0.00	0.80	5.70	.....
Lafayette	6.51	4.73	5.00	4.58	5.17	7.00	8.17	6.18	1.62	1.37	0.28	15.74	66.35
Lake Charles	3.55	5.03	4.02	6.90	5.23	8.26	7.56	5.04	2.57	1.55	0.73	7.88	58.32
Lakeside	6.23	3.68	2.72	6.99	4.97	11.94	3.29	7.21	1.18	2.85	2.48	15.66	69.20
La Rose (near)	3.62	3.46	3.58	4.97	7.65	.....	.....	.....	.....	.....	2.50	8.89	.....
Lawrence	9.17	3.65	4.56	8.37	7.50	8.09	10.30	4.10	5.05	3.85	1.31	9.18	75.13
Liberty Hill	2.42	3.02	11.74	6.00	5.50	4.09	5.44	6.17	2.74	0.60	0.17	7.26	55.15
Logansport	1.64	2.85	7.88	2.68	2.58	2.81	1.64	5.09	0.99	0.30	1.39	4.59	34.44
Melville	4.34	3.20	5.92	4.63	14.20	3.75	5.45	3.57	0.80	1.65	0.95	17.30	65.79
Minden	3.06	2.01	11.22	6.95	7.15	2.01	2.47	7.53	3.40	1.20	0.66	6.49	54.15
Monroe	5.44	2.96	10.35	8.61	4.77	2.99	4.89	5.27	1.57	0.78	0.79	8.76	57.18
Morgan City	5.09	3.99	5.91	1.03	4.06	7.60	7.11	2.90	1.60	2.02	0.48	9.04	50.83
Napoleonville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.00	14.15	.....
Newellton	3.31	2.79	7.83	13.17	2.75	3.27	3.91	1.06	0.26	0.68	0.97	10.17	50.17
New Iberia	6.26	5.75	3.47	4.61	6.03	10.32	7.15	7.01	0.75	1.55	0.73	16.78	70.41
New Orleans (1)	5.10	3.73	10.81	8.62	16.80	4.11	7.38	4.93	3.84	2.47	2.50	11.21	81.50
New Orleans (2)	5.57	3.92	9.72	9.19	11.95	2.90	10.36	7.22	4.72	1.72	2.62	10.72	80.61
New Orleans (3)	3.72	3.10	7.10	8.02	10.99	3.20	5.18	5.70	4.23	1.02	2.45	9.06	63.77
New Orleans (5)	4.93	4.14	11.07	9.46	11.29	2.90	9.12	6.45	4.00	2.07	2.45	10.09	77.97
New Orleans (6)	5.20	3.67	10.23	8.25	16.91	4.01	8.28	5.55	3.39	2.28	2.44	11.09	81.30
New Orleans (7)	4.60	3.56	8.40	9.42	12.61	3.75	7.99	6.39	4.62	2.05	2.65	10.63	76.67
New Orleans (8)	4.43	3.51	9.96	6.85	14.43	3.14	6.46	4.87	2.64	2.31	2.46	11.13	72.19
Opelousas	5.35	2.91	3.95	4.72	12.44	6.19	8.82	4.13	2.84	1.00	1.35	19.01	72.71
Paradis	3.97	3.62	8.46	3.34	7.17	6.12	5.52	6.68	1.18	1.15	1.10	10.08	58.39
Pearl River	4.96	4.26	9.38	23.43	9.36	5.30	5.02	4.28	2.54	1.66	3.14	10.64	83.97
Plain Dealing	2.38	1.69	12.04	5.69	8.68	7.34	1.13	4.03	1.81	0.79	0.73	3.04	49.35
Rayne	5.98	5.00	4.60	4.55	7.95	6.50	5.10	9.17	0.65	1.77	0.25	17.29	68.81
Reserve	6.84	4.57	8.40	7.96	11.95	4.28	9.12	3.16	1.18	2.44	1.91	10.71	72.52

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Louisiana—Continued.													
Richland Plantation	.....	.....	.....	.....	2.74	3.94	5.59	5.46	0.88	1.15	0.67	11.14	.....
Robeline	1.60	1.58	9.95	6.90	4.60	2.08	3.40	1.05	1.78	0.25	0.80	9.45	43.44
Ruston	.....	.....	8.80	.....	.....	3.00	.....	5.08	0.38	1.31	0.48	6.58	.....
St. Francisville	4.20	5.22	7.21	10.85	6.45	6.49	.....	.....	4.28	1.01	2.30	16.97	.....
Schriever	4.67	5.17	8.19	3.14	5.66	8.87	8.24	7.80	2.50	1.35	0.90	10.35	66.84
Shreveport	1.76	2.38	9.93	7.49	5.74	3.79	3.73	10.89	1.15	0.90	0.50	4.77	53.03
Simmesport	3.89	2.33	6.31	4.55	7.18	4.48	3.65	7.12	2.38	1.40	1.09	14.21	58.59
Southern University Farm	4.70	3.87	8.46	10.81	12.40	3.94	6.00	4.84	3.84	1.40	2.62	10.62	73.50
Sugartown	3.21	2.40	6.28	4.59	4.28	3.33	4.74	7.14	0.64	1.00	0.30	11.56	49.47
Talhulah	4.18	3.70	8.93	12.22	2.37	5.12	4.02	8.10	0.49	1.03	2.11	10.46	62.73
Walker	5.88	5.50	8.62	7.58	11.76	9.27	11.92	4.91	3.84	0.46	1.20	16.00	86.94
Maine.													
Bar Harbor	5.75	4.60	5.95	3.70	8.75	1.18	4.50	3.93	3.88	4.95	5.73	6.47	59.39
Cornish	3.32	2.17	5.75	2.63	5.30	0.77	4.06	3.54	2.66	3.62	3.82	4.09	41.73
Eastport	4.37	2.16	3.76	3.06	3.93	1.35	2.25	3.76	1.67	3.05	2.86	5.83	38.05
Fairfield	4.43	2.74	3.88	1.90	5.27	0.47	3.35	5.27	2.00	3.00	2.59	3.69	38.59
Farmington	4.24	2.79	3.81	2.91	6.52	1.03	2.03	5.80	3.53	4.61	4.62	2.65	44.54
Gardiner	4.89	2.40	5.41	3.36	6.11	1.03	2.38	2.99	3.42	4.17	4.64	3.65	44.45
Greenville	4.53	2.98	3.04	2.87	6.32	1.91	3.45	5.38	4.89	4.42	4.17	2.14	46.10
Houlton	1.60	2.10	3.21	1.95	3.20	3.20	3.45	8.40	1.50	4.36	0.95	2.30	36.22
Lewiston	4.45	2.83	5.26	2.86	5.00	0.79	3.03	2.96	3.45	3.47	4.24	3.82	42.16
Madison	5.27	3.15	4.82	3.45	6.26	1.38	2.83	6.96	3.73	5.90	5.17	3.25	52.17
Millinocket	2.36	3.69	1.98	2.34	7.12	2.49	2.27	6.94	3.55	6.75	6.34	2.74	48.57
North Bridgton	3.12	2.41	5.13	2.90	5.17	1.20	2.95	3.55	3.82	3.81	3.84	2.62	40.52
Orono	2.87	2.50	3.93	4.60	8.05	2.32	4.60	4.69	3.11	4.97	2.92	3.27	47.83
Portland	4.86	4.44	6.34	3.49	3.81	0.55	2.50	2.26	2.91	2.29	3.58	4.16	41.19
Presque Isle	.....	.....	.....	.....	3.55	.....	.....	.....	1.84	.....	2.78	2.02	.....
Rumford Falls	2.88	2.70	3.19	2.44	5.51	1.10	2.22	4.89	3.88	4.28	3.70	2.54	39.33
Winslow	3.30	2.68	4.46	2.49	5.27	0.51	3.15	4.80	2.19	3.37	3.52	2.46	38.20
Maryland.													
Annapolis	3.06	2.35	6.62	2.45	4.28	3.45	4.59	1.02	6.45	1.86	1.67	4.58	42.38
Baltimore	2.63	2.75	6.64	1.94	3.30	3.09	5.96	3.25	8.75	0.72	1.93	4.17	45.13
Cambridge	4.40	2.55	9.08	2.83	5.63	2.64	.....	2.31	6.18	2.16	2.63	4.39	.....
Cheltenham	3.45	3.22	8.43	2.32	3.44	5.66	4.25	1.41	6.81	1.13	1.95	3.92	45.99
Chestertown	3.72	2.33	7.54	2.37	4.24	2.72	4.92	1.87	5.20	2.63	2.36	3.56	43.46
Chewsville	1.62	1.97	5.13	2.50	3.26	2.39	5.12	3.35	4.81	0.77	2.17	3.61	36.70
Clear Spring	2.84	2.44	5.91	3.52	4.16	4.22	5.70	4.60	5.95	0.78	2.22	3.42	45.76
Coleman	2.56	2.92	7.53	2.58	3.46	3.33	3.33	2.39	4.88	2.92	2.70	4.88	43.48
College Park	2.77	2.41	6.92	3.28	6.92	6.48	5.13	1.15	4.53	0.75	1.32	3.80	45.46
Cumberland	1.54	2.72	5.29	3.11	4.14	5.53	4.33	1.35	5.85	0.76	1.83	1.81	38.26
Darlington	2.37	2.58	7.19	2.46	3.03	3.43	6.04	2.88	5.66	3.24	2.39	4.77	46.04
Deer Park	2.75	2.68	6.28	4.38	3.03	5.52	10.66	3.39	7.10	1.44	2.09	3.36	52.68
Denton	3.44	1.41	8.35	3.52	4.76	3.52	4.49	1.80	3.01	2.35	1.45	2.05	40.15
Easton	2.17	1.74	7.54	2.24	4.30	3.60	5.20	1.86	4.00	2.98	1.74	3.39	40.76
Emmitsburg	2.75	4.11	8.67	2.65	2.74	7.35	13.26	.....	9.85	3.35	2.25	4.31	.....
Fallston	2.64	2.26	7.48	3.12	4.35	3.14	6.22	2.81	7.42	2.01	2.19	4.75	48.39
Frederick	2.44	2.32	6.20	2.32	3.32	5.74	8.53	3.32	6.79	0.95	1.85	4.82	48.60
Frostburg	2.15	2.64	5.78	3.86	3.13	5.88	7.19	2.43	6.64	1.38	1.71	2.87	45.66
Grantsville	2.30	2.60	7.74	4.73	4.05	5.92	5.12	4.06	5.54	1.67	2.01	3.76	49.50
Great Falls	2.31	2.37	5.96	1.44	6.32	3.41	3.91	1.14	5.81	0.58	0.68	4.36	38.29
Green Spring Furnace	1.52	1.59	5.62	2.85	3.89	3.77	5.56	2.76	4.86	0.59	2.27	3.54	38.82
Keedysville	1.87	1.92	4.89	2.47	3.14	2.40	5.40	4.44	5.62	0.80	2.11	3.86	38.92
Lake Montebello	2.57	2.02	7.15	2.22	3.36	3.15	5.24	4.47	6.54	0.78	2.20	4.18	43.88
Laurel	2.25	2.64	6.94	2.12	4.26	4.71	3.65	2.58	6.24	0.85	1.73	4.12	42.09
Leonardtown	2.30	3.16	7.70	1.59	6.30	4.15	5.24	2.12	6.62	3.14	2.01	3.44	47.77
Monrovia	1.90	2.57	5.57	2.64	4.05	4.16	5.41	3.49	6.54	0.84	1.60	4.56	43.33
Oakland	1.90	1.98	5.36	3.66	3.03	5.82	12.54	3.97	5.81	1.41	2.39	3.40	51.27
Pocomoke City	3.84	4.32	6.82	2.17	4.56	4.38	2.19	4.21	3.97	1.07	3.66	2.62	43.81
Princess Anne	3.27	2.79	5.64	1.87	3.88	2.19	3.74	3.63	2.07	1.34	3.01	3.06	36.49
Rockville	2.32	1.93	5.82	2.57	7.63	5.94	4.68	1.70	7.88	0.21	1.67	4.15	46.50
Salisbury	3.65	2.65	6.95	2.70	3.23	2.34	2.83	3.09	3.55	1.86	3.15	4.31	40.31
Solomons	2.78	2.37	6.01	1.31	4.55	1.71	2.33	1.54	5.70	2.34	1.67	3.19	35.50
State Sanitarium	2.01	2.72	6.02	4.03	1.99	3.40	5.69	6.26	8.91	1.27	2.57	.....	.....
Sudlersville	3.78	1.99	8.16	2.84	4.18	2.31	2.72	1.67	6.43	3.93	2.17	5.25	45.43
Takoma Park	2.62	2.71	6.49	2.41	6.28	4.08	5.31	1.31	5.09	0.60	1.30	4.68	42.88
Towson	2.27	2.44	7.39	2.81	3.96	3.19	4.08	7.53	7.02	1.11	1.90	4.23	47.93
Van Bibber	3.21	2.91	8.54	2.74	4.40	3.46	3.78	3.17	7.24	2.54	2.05	4.71	48.75
Westernport	1.42	2.04	5.90	2.29	3.11	5.69	5.73	1.90	4.41	1.40	1.31	3.08	38.28
Westminster	2.95	2.26	5.24	3.18	.....	.....	5.34	3.06	5.63	1.04	2.01	4.29	.....
Woodstock	2.24	2.16	6.07	2.39	3.64	4.11	3.59	3.88	5.98	0.91	2.24	3.63	40.84
Massachusetts.													
Amherst	2.18	3.16	5.70	3.92	4.34	0.77	2.61	3.22	2.52	2.07	4.03	4.04	38.56
Blue Hill	3.87	2.24	5.26	4.05	4.03	0.53	4.16	3.05	1.71	1.52	3.45	5.73	39.60
Boston	2.87	2.38	4.18	3.07	4.04	0.27	5.16	1.94	1.67	1.00	2.61	5.36	34.55
Chestnut Hill	3.64	2.48	5.36	3.92	4.06	0.34	6.39	2.24	1.72	1.61	3.00	5.20	39.66
Clinton	3.31	2.56	6.30	4.36	7.32	0.27	3.51	3.63	2.33	2.78	4.26	5.03	45.66
Concord	2.85	2.55	5.63	3.99	4.93	0.26	3.49	3.37	2.51	2.55	3.73	4.85	40.71
Fall River	4.39	2.94	8.73	3.57	3.94	0.23	1.21	4.60	1.92	1.19	4.66	5.95	43.33
Fitchburg	2.25	1.89	5.39	3.13	3.92	0.39	3.66	2.86	2.95	2.19	3.12	3.91	35.66
Framingham	2.84	2.64	6.33	4.12	4.20	0.38	3.35	2.92	1.70	2.58	3.54	5.02	39.62
Hyannis	4.44	3.14	6.16	3.31	5.44	0.46	3.24	5.45	2.50	1.16	3.13	7.44	45.87
Lawrence	2.94	2.44	5.68	3.99	4.24	0.25	3.92	2.66	2.21	1.99	3.14	4.53	37.99
Lowell	2.90	2.63	5.51	3.92	5.10	0.28	5.51	2.23	2.33	2.23	3.09	4.38	40.11
Middleboro	4.49	2.96	7.47	3.58	4.23	0.38	2.15	3.09	1.19	1.61	4.42	6.09	41.66
Nantucket	4.13	2.77	5.85	2.91	4.19	0.14	4.89	2.87	2.25	1.41	2.94	6.25	40.60
New Bedford	6.27	3.20	7.72	3.02	3.59	0.15	1.49	7.35	2.19	0.96	3.95	6.93	46.82
Norfolk	3.34	1.52	.....	3.28	4.97	0.32	3.13	3.38	0.78	3.07	3.42	6.13	.....
Plymouth	4.88	3.21	7.44	3.82	4.97	0.24	3.00	3.78	1.55	1.59	3.70	5.57	43.75
Provincetown	6.44	1.97	6.01	3.96	3.87	0.93	1.87	3.06	2.45	1.59	3.00	5.20	40.35
Rockport	5.42	2.86	5.02	2.97	4.75	0.50	7.10	2.25	2.82	2.80	3.90	5.95	46.33
Rutland	2.51	2.37	4.85	4.44	5.96	0.36	2.74	3.33	2.76	2.20	4.32	4.95	40.69
Turners Falls	3.97	1.85	5.50	2.85	4.20	1.97	1.82	3.64	3.08	2.21	4.11	4.16	39.36

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Massachusetts—Continued.													
Westboro	2.91	2.35	6.46	4.37	5.28	0.49	2.49	2.89	1.22	2.48	3.76	4.47	39.17
Williamstown	2.00	1.23	3.28	4.12	4.83	1.62	2.69	3.64	2.35	4.55	2.44	3.59	36.34
Worcester	2.54	2.00	4.23	4.98	4.81	0.66	4.92	3.88	1.98	1.64	3.92	4.10	39.66
Michigan.													
Adrian	0.85	3.21	1.46	3.45	2.65	1.94	4.21	2.80	2.77	3.00	2.11	1.05	29.50
Allegan	2.50	3.00	1.51	1.52	6.94	2.47	6.25	4.02	1.62	3.43	2.49	1.58	37.33
Alma	0.81	2.21	2.38	1.93	7.55	1.27	6.95	3.68	3.67	3.65	3.95	1.64	39.69
Alpena	0.68	1.24	0.23	2.29	4.79	0.69	2.57	5.12	3.41	1.72	3.22	1.07	27.03
Ann Arbor	1.69	0.93	1.25	3.96	3.97	0.91	3.34	3.61	3.56	2.59	2.23	1.02	29.06
Arbela	1.00	2.92	1.93	3.04	10.90	1.57	6.70	3.76	4.28	2.47	3.63	2.20	44.20
Baraga	1.40	.....	.....	.....	2.10	0.50	1.20	2.60	2.10	1.40	.....	1.36	.....
Battle Creek	0.81	1.12	1.56	3.01	3.69	0.42	2.89	5.18	1.38	2.17	3.56	0.88	26.67
Bay City	1.30	4.07	1.63	1.30	.....	0.46	5.76	6.88	1.80	2.39	.....	2.07	.....
Benzonia	6.21	2.19	0.35	1.13	5.70	1.32	4.19	2.77	4.88	2.20	2.41	2.67	36.02
Bergland	.....	0.10	0.26	1.64	6.11	2.48	.....	5.87	3.20	2.21	0.87	2.25	.....
Berlin	0.79	1.46	1.96	2.85	5.45	0.93	4.39	4.25	4.20	2.72	2.84	1.34	33.18
Big Rapids	1.72	1.43	1.01	2.92	8.88	2.13	10.23	3.61	3.16	4.10	2.48	2.36	44.03
Blissfield	.....	.....	.....	.....	.....	.....	2.33	4.37	3.36	2.12	1.62	0.63	.....
Bloomingdale	2.35	1.18	0.32	1.70	4.35	0.42	5.07	7.24	2.23	1.74	4.01	1.90	32.51
Bridgeport	.....	2.51	1.31	3.74	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cadillac	0.69	1.23	0.88	1.31	6.53	0.74	4.55	5.19	6.76	1.96	2.92	2.26	35.02
Calumet	3.20	0.56	0.36	3.15	3.32	1.79	4.47	5.78	2.87	2.03	1.80	4.74	34.07
Casopolis	0.95	1.00	.....	.....	.....	0.05	.....	1.33	3.30	.....	.....	.....	.....
Charlevoix	3.60	1.50	0.05	1.14	6.02	0.11	1.69	3.94	3.17	1.27	1.45	1.64	25.58
Charlotte	1.00	3.32	1.20	1.64	4.60	0.63	3.78	1.82	1.56	1.80	2.90	0.38	24.63
Chatham	1.73	0.75	0.49	2.40	3.71	2.14	1.76	3.00	3.92	4.12	2.14	0.86	27.02
Cheboygan	1.70	1.35	0.55	0.85	6.20	2.10	1.52	5.58	5.82	3.20	1.98	0.65	31.50
Chesaning	.....	1.00	0.69	2.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clinton	1.34	1.55	1.55	2.91	3.29	1.36	2.46	2.63	3.12	2.17	2.35	0.57	25.30
Coldwater	0.71	1.63	1.10	2.76	3.46	3.63	4.36	2.98	2.67	2.42	3.58	1.05	30.35
Concord	0.50	1.85	1.25	1.79	2.36	1.15	2.37	.....	2.38	3.00	1.98	.....	.....
Croton	1.50	1.00	1.02	3.05	7.89	1.25	8.71	3.30	1.64	3.57	3.37	1.59	37.89
Deer Park	.....	T.	0.50	1.30	3.10	T.	0.50	3.10	3.40	1.00	0.85	1.20	.....
Detour	2.20	0.56	0.17	.....	10.22	.....	.....	.....	.....	.....	.....	.....	.....
Detroit	1.99	1.65	2.27	2.17	2.96	1.92	3.87	4.05	3.55	2.17	1.80	1.26	29.66
Eagle Harbor	1.71	0.37	0.10	1.79	2.82	1.59	2.92	4.51	3.14	1.70	1.10	.....	.....
East Tawas	.....	2.90	1.50	1.24	10.72	1.47	3.06	4.00	2.90	2.15	3.95	2.35	.....
Eaton Rapids	.....	1.47	1.34	0.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eloise	1.34	1.62	0.78	3.22	3.66	1.93	4.31	4.31	4.93	2.65	2.23	0.84	31.82
Escanaba	0.73	0.54	0.59	1.91	4.55	1.62	1.25	7.46	3.88	2.23	0.76	1.80	27.32
Ewen	1.37	0.46	0.57	1.26	3.73	1.78	1.26	3.37	1.78	0.32	1.24	3.34	20.48
Flint	0.46	1.09	1.48	2.68	6.78	0.99	6.22	2.98	3.44	3.66	3.22	0.63	33.63
Fosters	.....	1.12	0.78	3.05	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frankfort	5.20	0.90	0.20	1.30	4.28	1.35	3.61	2.91	4.27	2.00	3.20	1.71	30.93
Ganges	2.10	2.08	0.69	3.29	6.91	2.10	5.39	3.72	2.70	4.87	4.18	1.70	39.73
Gaylord	1.39	3.26	0.39	1.81	6.61	0.95	2.72	5.62	3.63	1.86	4.22	1.50	33.96
Gladwin	0.55	0.55	0.65	2.35	11.90	0.75	.....	2.55	.....	.....	.....	.....	.....
Grand Haven	2.08	2.13	1.44	2.90	5.00	1.07	4.49	2.43	2.49	3.68	2.97	1.75	32.43
Grand Ledge	.....	1.53	1.37	3.45	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Marais	5.28	1.10	0.25	2.12	2.40	1.33	1.06	3.54	2.84	2.55	3.07	2.44	27.98
Grand Rapids	1.49	1.77	1.52	2.46	4.91	1.02	7.47	3.16	3.42	3.97	2.69	1.32	35.20
Grape	1.16	1.16	1.80	2.23	3.04	2.04	2.72	4.23	2.59	2.11	1.94	1.01	26.03
Grass Lake	0.56	1.35	1.79	1.64	2.28	0.83	4.47	4.38	2.62	2.24	3.05	0.98	26.19
Grayling	0.95	1.58	0.79	1.35	6.72	1.38	3.81	4.36	3.14	2.65	4.55	1.84	33.12
Green	.....	.....	.....	0.19	1.62	1.54	3.93	6.24	2.60	.....	.....	1.92	.....
Greenville	.....	.....	.....	.....	.....	.....	.....	.....	2.76	.....	.....	2.47	.....
Harbor Beach	4.00	4.50	1.40	1.30	8.10	1.60	3.30	1.55	4.07	0.95	3.75	.....	.....
Harrison	0.50	1.15	.....	1.36	8.15	0.59	3.80	2.60	5.06	2.28	2.74	2.32	.....
Harrisville	2.20	2.28	0.66	2.07	8.57	1.18	5.24	6.02	4.78	2.03	6.22	2.37	43.62
Hart	5.30	1.99	1.24	0.50	8.72	2.10	10.90	1.87	3.34	1.49	2.50	1.55	41.50
Hayes	0.50	2.50	1.36	1.70	8.51	1.87	3.72	2.85	3.08	2.03	3.57	1.38	33.07
Highland	1.00	1.90	2.34	3.07	3.62	1.71	4.95	3.54	3.37	2.96	3.12	1.54	33.12
Hillsdale	1.03	2.40	1.54	2.63	4.09	2.47	1.93	3.95	2.15	2.50	3.91	1.52	30.12
Holland	2.99	2.27	1.34	2.83	4.90	1.28	5.55	2.78	2.84	3.63	2.69	1.46	34.56
Houghton	1.78	0.27	0.33	2.49	3.40	1.64	5.16	5.31	2.33	1.92	1.64	2.92	29.19
Howell	0.33	0.46	1.22	3.33	3.42	2.64	6.96	2.29	4.02	2.71	3.06	0.78	31.22
Humboldt	1.60	T.	0.40	.....	1.60	.....	4.00	.....	.....	.....	.....	2.54	.....
Ionia	.....	1.34	0.82	0.89	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iron Mountain	0.35	0.13	0.14	2.73	4.57	0.91	3.74	6.77	3.75	2.43	1.22	1.61	28.35
Iron River	1.20	0.50	1.00	3.95	.....	3.20	2.49	8.65	2.45	1.60	0.65	2.35	.....
Ironwood	0.58	0.57	1.32	3.89	4.77	1.90	1.74	4.87	4.02	1.88	2.35	3.12	31.01
Ishpeming	1.73	0.07	0.61	2.51	3.50	1.50	3.20	5.85	2.45	2.50	1.42	2.01	27.35
Isle Royale	.....	.....	.....	.....	2.35	2.37	.....	.....	4.20	2.32	1.05	.....	.....
Ivan	0.95	0.70	0.71	1.66	7.31	1.46	2.78	5.20	3.90	1.59	2.49	.....	.....
Jackson	0.60	0.93	1.27	2.76	4.71	1.18	3.11	5.01	3.37	3.10	2.87	0.64	29.55
Jeddo	1.12	1.79	1.63	3.87	6.20	0.99	5.78	4.74	4.94	2.71	2.81	0.85	37.43
Kalamazoo	.....	1.80	1.10	3.25	4.95	0.70	3.50	7.97	4.53	4.37	3.45	2.03	.....
Lansing (College)	0.80	2.04	1.92	3.12	6.57	0.97	5.06	2.19	3.33	3.44	2.86	1.20	33.50
Lansing (capitol)	0.73	1.90	1.66	3.00	6.59	1.29	8.30	2.25	3.36	4.68	4.18	1.44	39.38
Lapeer	.....	0.45	1.57	2.53	5.28	1.19	5.50	2.75	3.72	1.71	.....	0.59	.....
Lowell	.....	0.61	1.09	1.79	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ludington	2.60	1.55	0.40	0.68	11.59	1.06	11.68	4.32	4.50	3.01	2.74	1.54	45.67
Luther	0.70	1.03	1.19	1.41	8.33	1.65	6.27	3.17	5.81	2.53	3.22	2.26	37.63
Mackinac Island	0.30	0.47	0.51	3.07	1.33	1.53	1.52	5.34	2.65	1.16	2.36	.....	.....
Mackinaw	2.00	0.90	0.80	0.34	2.63	0.84	0.35	1.90	.....	1.10	.....	.....	.....
Mancelona	2.00	0.70	0.30	0.20	2.87	T.	0.10	4.03	2.27	1.10	5.70	.....	.....
Manistee	2.00	0.60	1.00	1.24	.....	.....	2.40	.....	3.26	.....	.....	1.85	.....
Maple Ridge	0.60	0.20	1.10	2.55	3.88	1.37	2.63	4.74	4.38	2.52	2.94	2.60	29.51
Marquette	2.27	0.72	0.56	3.01	3.73	2.45	3.42	5.83	2.19	2.74	1.25	2.42	30.59
Menominee	0.59	0.42	0.15	1.78	3.19	1.38	6.32	5.49	3.44	1.81	1.63	1.28	27.48
Midland	.....	1.90	1.20	.....	.....	0.85	4.33	2.38	4.32	1.10	2.50	0.80	.....
Morenci	1.21	1.56	1.99	1.97	2.77	3.29	1.88	5.27	2.65	2.37	2.12	1.29	28.57
Mount Clemens	2.82	1.49	2.21	2.86	3.87	1.54	4.55	4.80	6.53	3.18	2.45	1.25	37.55
Mount Pleasant	.....	0.64	1.62	1.03	.....	0.58	.....	2.93	3.46	2.46	0.97	0.65	.....

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Michigan—Continued.													
Munising	1.76	0.41	0.30	2.09	4.26	2.28	1.41	3.72	3.17	3.57	3.10	2.61	28.68
Muskegon	2.40	2.02	1.52	0.78	1.80	1.50	4.31	2.36	2.38	3.16	2.31	3.51	28.05
Newberry	1.94	0.34	0.28	2.06	3.11	1.66	1.15	3.49	3.57	2.84	2.08	1.99	24.51
Old Mission	4.49	1.44	0.51	1.49	5.29	0.98	2.30	5.81	4.53	2.48	1.64	1.51	32.47
Olivet	1.63	1.65	1.64	2.89	6.11	0.75	3.79	3.07	1.87	3.10	2.53	0.98	30.01
Omer	0.85	0.90	1.40	.....	4.34	1.53	2.16	2.58	.....	.....	.....	.....	.....
Onaway	0.70	1.70	0.35	.....	.....	.....	0.41	.....	.....	.....	1.80	0.60	.....
Owosso	0.82	1.24	1.30	2.93	9.97	1.14	5.56	2.53	2.52	2.77	4.20	1.21	36.19
Paines	.....	0.68	1.30	2.87	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petoskey	2.90	0.80	0.30	1.52	3.06	0.34	0.67	5.41	2.45	.....	3.14	1.63	.....
Plymouth	0.49	0.83	0.74	2.39	2.31	0.81	4.47	2.02	4.47	1.93	1.70	0.23	22.39
Pontiac	1.27	0.88	2.66	2.21	3.37	1.13	4.60	4.72	2.60	2.99	1.53	0.72	28.68
Port Austin	0.91	1.05	1.45	1.17	7.45	2.07	3.14	3.91	3.93	1.61	3.77	1.15	31.61
Port Huron	1.39	1.86	1.78	3.10	3.68	1.70	4.17	3.67	3.89	2.85	1.68	1.29	31.06
Portland	.....	2.80	1.82	3.56	.....	.....	.....	.....	.....	.....	.....	.....	.....
Powers	0.50	.....	0.20	1.25	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reed City	0.65	0.33	0.64	0.75	9.96	0.46	6.44	4.59	4.79	2.44	.....	.....	.....
Roscommon	1.43	1.31	0.32	1.28	7.18	1.46	2.16	3.23	4.99	1.57	2.60	0.87	28.45
Saginaw	0.95	2.83	2.52	2.80	9.95	0.87	8.12	2.90	2.95	2.81	3.91	1.39	42.00
Saginaw (West Side)	0.78	1.88	1.78	2.72	9.95	0.76	6.42	2.73	2.91	3.53	2.71	0.80	36.97
St. Ignace	1.35	0.65	0.25	0.18	0.46	1.90	1.50	1.76	1.61	.....	.....	.....	.....
St. James	2.11	0.68	.....	1.57	3.40	1.69	1.93	3.74	3.44	2.44	2.45	1.70	.....
St. Joseph	2.52	4.50	1.80	2.84	1.70	0.55	4.16	6.12	1.64	2.63	3.12	1.70	33.28
Sandusky	.....	1.86	1.76	3.23	7.50	1.67	5.99	2.97	1.94	1.77	3.57	1.06	.....
Saranac	0.87	1.90	2.18	2.57	7.27	1.27	6.63	3.77	4.92	3.10	3.80	1.23	39.51
Sault Ste. Marie	1.98	0.41	0.19	2.30	3.10	1.32	0.80	6.37	4.48	2.40	1.28	1.80	26.43
Seney	.....	0.28	0.41	2.33	3.62	1.46	1.11	3.83	3.11	3.18	2.43	2.00	.....
South Haven	1.90	2.50	1.70	3.20	10.10	2.80	8.20	8.00	4.84	4.18	3.60	2.40	53.42
Stanton	0.56	.....	.....	.....	.....	2.18	5.53	.....	.....	.....	.....	.....	.....
Thomaston	0.50	0.50	0.35	0.68	1.08	2.24	3.12	6.05	4.57	1.93	1.60	1.64	24.26
Thornville	1.47	1.75	1.97	2.69	8.97	1.15	3.32	6.21	4.43	3.39	4.50	2.00	41.85
Traverse City	1.13	0.63	0.38	0.60	2.20	0.29	2.82	2.84	3.40	1.87	0.92	0.41	17.49
Vassar	0.90	1.95	2.10	2.89	10.64	1.70	6.68	4.76	2.79	2.57	4.53	2.18	43.69
Victoria	1.50	0.22	0.36	2.00	5.03	2.07	6.59	6.26	3.24	2.30	0.95	1.89	32.41
Wasepi	1.02	2.35	1.84	3.31	7.42	2.59	3.45	4.28	2.52	2.51	3.12	1.19	35.60
Waters meet	0.91	0.30	0.39	3.33	3.09	2.32	3.24	7.50	1.83	1.70	0.85	2.14	27.60
West Branch	.....	1.81	1.00	1.04	4.72	T.	1.51	3.28	.....	.....	.....	0.47	.....
Whitefish Point	3.13	0.92	0.45	2.07	3.52	1.21	0.89	2.80	3.65	2.99	1.88	3.56	27.07
Woodlawn	1.45	2.18	0.47	1.62	9.27	1.24	3.08	5.60	4.43	1.92	4.30	2.43	37.99
Ypsilanti	2.03	0.80	1.70	2.73	4.60	0.98	3.55	4.68	4.38	3.41	2.62	1.51	32.99
Minnesota.													
Albert Lea	0.45	0.10	0.75	2.40	2.99	2.07	8.85	2.95	1.65	1.90	1.10	1.50	26.71
Alexandria	0.56	0.15	0.26	2.47	7.20	1.20	5.38	4.33	2.06	T.	0.17	0.30	24.08
Angus	0.15	0.09	0.09	2.13	1.91	1.13	4.70	2.51	6.18	0.31	0.12	0.32	19.64
Bagley	0.36	0.27	0.55	1.32	3.28	1.34	2.19	2.90	4.97	0.51	0.42	0.87	18.98
Baudette	0.09	0.24	0.27	1.63	2.29	1.34	5.97	.....	.....	.....	.....	0.41	.....
Beardsley	.....	0.26	0.27	4.26	3.14	1.64	5.99	2.83	2.87	0.22	0.05	0.20	.....
Beaulieu	0.60	0.35	1.80	.....	3.04	.....	.....	.....	.....	.....	.....	.....	.....
Bemidji	0.08	0.05	0.04	1.45	2.78	0.44	4.28	3.29	3.00	0.44	0.32	0.50	16.67
Bird Island	0.23	0.22	0.25	2.93	5.14	1.65	4.37	3.97	2.01	1.13	T.	0.33	22.23
Brainerd	.....	.....	0.22	1.42	10.39	1.42	4.06	3.34	1.61	.....	0.21	0.77	.....
Caledonia	0.62	0.58	1.39	2.22	2.28	1.47	5.17	4.33	3.00	0.75	0.50	1.90	24.21
Campbell	0.48	0.20	0.30	3.69	5.70	1.46	5.65	3.57	3.51	0.81	0.22	0.65	26.24
Cass Lake	0.18	0.13	0.10	0.83	1.93	0.50	2.74	3.94	2.36	0.53	1.57	0.67	15.48
Cloquet	0.30	0.20	0.35	2.29	4.52	1.47	1.90	3.24	2.21	0.62	0.71	2.13	19.94
Collegeville	0.55	0.10	0.31	1.64	7.10	0.99	6.88	4.72	2.27	0.72	0.10	0.50	25.88
Crookston	0.55	0.45	0.70	1.58	2.16	2.41	2.92	3.62	6.39	0.42	0.08	1.60	22.88
Detroit	0.42	0.68	0.27	1.26	5.41	1.54	4.36	5.05	4.92	0.63	0.20	0.75	25.49
Duluth	0.47	0.27	0.43	2.58	5.90	1.32	2.24	3.25	1.80	0.68	0.21	2.19	21.34
Ely	.....	.....	.....	.....	.....	1.99	2.72	1.45	6.35	0.85	0.19	0.89	.....
Fairmont (near)	0.67	0.15	0.65	2.91	2.30	1.87	6.44	6.81	2.34	1.35	0.40	1.08	26.97
Faribault	0.20	0.17	0.43	3.08	2.24	0.53	.....	.....	.....	.....	.....	1.10	.....
Farmington	0.38	0.11	0.26	2.11	3.61	2.12	5.33	7.04	1.90	1.40	0.48	1.36	26.10
Fergus Falls	0.40	0.16	0.35	1.93	6.02	1.78	6.72	4.15	3.82	0.63	0.28	1.05	27.29
Floodwood	.....	.....	.....	.....	.....	2.64	2.16	3.12	2.01	.....	0.63	.....	.....
Fort Ripley	0.36	0.08	0.12	0.40	5.49	2.34	5.09	3.18	1.95	0.52	0.25	0.56	20.34
Fosston	0.26	0.13	0.86	1.26	2.20	1.53	2.30	3.79	5.19	0.48	0.32	0.77	19.09
Glencoe	0.70	0.10	0.45	1.95	1.40	2.15	4.30	4.66	1.55	0.15	0.00	0.80	18.21
Grand Meadow	0.76	0.66	0.95	3.14	2.63	3.01	6.32	3.73	1.82	2.60	1.97	1.57	29.16
Gull Lake Dam	0.32	0.37	0.44	1.62	7.80	1.81	5.70	3.65	2.29	0.83	0.23	0.78	25.84
Hallock	0.22	0.10	0.10	2.17	4.02	0.28	6.82	4.48	3.50	3.07	0.07	0.50	25.33
Halstad	0.26	0.34	0.48	1.54	2.41	2.80	2.78	3.61	6.09	0.11	T.	0.65	21.07
Hinckley	.....	0.00	0.70	1.82	5.39	3.15	1.99	2.65	1.59	0.55	0.25	0.75	.....
International Falls	0.65	0.70	0.75	1.90	1.60	1.71	3.27	3.96	4.40	2.06	0.27	0.58	21.85
Itaska State Park	0.35	0.10	0.40	1.19	3.08	2.04	1.50	3.94	3.59	0.69	0.04	0.90	17.82
Lake Crystal	0.70	0.50	1.30	2.20	2.39	1.59	4.45	3.47	2.39	1.52	0.48	1.60	22.59
Leech Lake Dam	0.28	0.17	0.30	1.10	2.96	1.48	2.66	3.91	3.24	0.72	0.53	1.00	18.35
Littlefork	0.33	0.39	1.15	1.41	1.30	2.14	3.81	3.93	5.08	0.91	0.34	1.14	21.93
Long Prairie	0.20	0.30	0.30	1.26	6.07	1.45	7.82	2.98	1.85	0.70	0.10	.....	.....
Lynd	0.24	0.07	0.28	3.89	2.35	0.97	2.45	4.24	1.87	0.95	T.	0.33	17.64
Mankato	0.22	0.11	0.57	2.22	2.72	1.87	7.08	3.77	1.67	1.38	0.49	1.11	23.21
Milaca	0.71	T.	0.29	2.18	8.04	.....	.....	.....	.....	.....	.....	.....	.....
Milan	0.70	0.20	0.30	2.97	4.69	2.44	3.52	3.37	1.57	0.47	0.10	0.85	21.18
Minneapolis (Weather Bureau)	0.44	0.19	0.34	2.22	4.68	0.94	7.08	5.56	1.59	1.23	0.08	1.93	26.28
Minneapolis (No. 1)	0.54	0.19	0.56	2.46	5.46	1.04	7.46	5.65	1.79	1.36	0.09	1.68	28.28
Montevideo	0.29	0.08	0.30	2.82	6.68	0.96	4.41	3.50	1.75	0.68	0.01	0.45	21.93
Moorhead	0.39	0.06	0.21	2.26	3.90	2.03	3.26	5.84	4.12	0.13	0.05	0.95	23.20
Mora	0.70	0.36	0.44	2.81	6.73	1.63	4.53	5.81	1.51	0.77	0.20	1.13	26.62
Morris	0.45	0.19	0.70	3.20	5.52	3.50	6.00	3.44	2.06	0.20	0.12	0.35	25.73
New London	0.24	0.31	0.25	2.19	4.83	1.78	5.32	7.29	1.50	0.58	T.	0.36	24.65
New Richland	0.36	0.19	0.50	0.72	2.71	2.45	4.66	3.32	2.97	1.28	1.17	1.16	21.49
New Ulm	1.15	0.45	0.98	1.61	4.58	2.39	4.56	4.37	2.69	1.65	0.01	0.93	24.77
Osakis	0.33	0.20	0.24	1.78	6.27	1.07	6.11	4.96	2.35	0.38	0.11	0.28	24.08

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Minnesota—Continued.													
Park Rapids	0.31	0.24	0.24	1.24	4.16	1.31	3.71	3.88	3.50	0.51	0.49	0.79	20.38
Pine River Dam	0.15	0.16	0.22	1.26	4.92	1.46	3.88	4.18	2.11	1.28	0.19	0.46	20.25
Pipestone	0.05	T.	0.68	2.38	2.71	0.88	2.14	4.47	3.48	0.84	0.00	0.25	17.88
Pokegama Falls	0.15	0.04	0.16	1.19	3.60	1.78	2.94	2.30	3.52	0.18	0.33	0.78	16.97
Red Lake	0.20	0.53	0.49	1.34	1.79	1.91	2.48	3.65	4.68	0.80	0.19	0.71	18.77
Red Wing (No. 1)	.....	0.13	0.43	2.59	3.42	1.61	.....	.....	.....	.....	0.73	.....	.....
Red Wing (River)	0.52	0.34	0.52	2.52	3.50	1.62	2.92	4.65	2.74	1.60	0.96	1.30	23.19
Redwood Falls	0.65	0.25	0.50	2.35	2.24	1.78	.....	.....	.....	.....	.....	0.75	.....
Reeds Landing	0.22	0.07	0.34	2.95	4.63	1.14	5.71	4.34	2.81	2.21	1.02	1.61	27.05
Rochester	0.24	0.07	0.35	1.77	5.47	1.71	4.11	4.30	1.50	0.93	1.36	1.27	23.08
Roseau	.....	.....	.....	.....	2.50	0.22	6.43	2.45	3.81	1.84	0.05	0.50	.....
St. Charles	0.54	0.17	0.65	2.54	6.54	1.87	6.50	4.76	4.33	1.70	1.00	1.32	31.92
St. Cloud	0.26	0.10	0.28	2.96	9.68	2.29	5.23	4.79	1.78	0.68	0.01	0.82	28.88
St. Paul	0.52	0.07	0.32	2.60	4.06	1.10	4.02	4.40	1.27	1.18	0.08	1.54	21.16
St. Peter	0.22	0.00	0.35	1.70	2.85	1.38	3.18	4.67	0.95	1.14	0.30	1.05	17.79
Sandstone	0.49	0.11	.....	2.10	6.07	.....	.....	.....	.....	.....	.....	.....	.....
Sandy Lake Dam	0.13	T.	0.32	2.11	5.89	2.50	1.57	3.50	1.85	0.63	0.16	1.12	19.78
State Sanatorium	0.38	0.14	0.38	0.89	3.81	1.36	2.76	5.12	2.69	0.61	0.46	1.22	19.82
Stephens Mine	0.22	0.22	0.15	1.50	4.87	2.68	1.79	2.86	3.56	0.90	0.49	0.86	20.10
Stillwater	0.09	T.	0.16	1.78	4.08	1.47	6.50	5.27	2.35	1.12	T.	1.32	24.14
Taylors Falls	0.30	0.32	0.30	2.67	7.62	0.75	3.90	6.21	2.44	1.46	0.07	1.48	27.52
Thief River Falls	0.22	.....	0.25	1.83	1.77	0.37	5.65	1.60	6.40	0.96	0.10	.....	.....
Tracy	.....	.....	.....	3.46	2.72	2.08	3.71	.....	1.80	.....	.....	.....	.....
Two Harbors	0.19	0.12	0.11	1.46	5.51	2.20	2.17	2.45	2.18	0.58	0.06	0.74	17.77
Virginia	0.23	0.24	0.24	1.53	4.81	2.55	2.25	3.10	4.48	0.45	0.40	0.68	20.96
Warren	.....	.....	.....	0.86	1.55	0.62	3.58	2.08	5.38	0.73	.....	0.72	.....
Warroad	0.10	0.55	0.04	2.21	2.83	0.70	4.73	3.27	6.42	1.44	0.55	0.65	23.49
Winnebago	1.10	0.20	0.65	1.84	2.34	2.62	6.28	3.61	2.79	1.20	0.60	1.20	24.43
Winnibigoshish	0.36	0.25	0.13	0.99	2.79	1.34	3.20	4.99	3.66	0.88	0.74	1.49	20.82
Winona	0.52	0.28	1.01	2.48	6.20	1.51	6.14	3.05	3.61	1.80	0.73	1.45	28.78
Worthington	0.40	0.15	0.80	1.75	2.01	0.83	2.75	2.42	2.51	1.33	0.15	0.16	15.26
Zumbrota	0.51	T.	0.35	2.25	3.02	3.63	4.75	5.33	1.80	1.61	1.35	1.04	25.64
Mississippi.													
Aberdeen	5.32	3.31	11.33	12.57	3.94	5.31	6.04	3.57	4.69	3.73	1.93	7.96	69.70
Agricultural College	5.00	3.11	8.86	12.90	4.68	6.87	6.77	7.47	5.05	5.60	1.00	8.96	76.27
Anguilla	4.17	4.01	9.60	11.73	7.67	5.00	6.91	6.61	1.47	1.30	0.55	9.95	68.97
Austin	5.73	3.07	14.94	10.84	1.53	6.12	5.49	7.02	3.34	2.43	2.13	3.87	66.51
Batesville	3.49	2.87	11.71	9.61	3.16	4.28	1.37	7.96	3.59	2.25	1.36	7.13	58.78
Bay St. Louis	4.22	4.73	11.63	16.18	9.03	4.14	7.53	7.89	2.34	2.26	3.73	7.70	82.38
Bay Springs	.....	.....	.....	5.47	1.22	.....	1.69	1.10	.....	.....	.....	.....	.....
Big Creek	4.46	3.43	11.93	8.91	5.16	4.51	1.04	4.52	.....	.....	0.60	7.15	.....
Biloxi	4.38	5.32	9.19	18.29	4.48	2.55	7.66	7.96	1.80	6.73	3.24	6.47	78.07
Booneville	2.76	2.97	12.27	5.58	3.53	4.22	4.50	4.62	4.31	1.76	1.36	9.73	57.61
Brookhaven	5.22	3.56	9.31	7.87	2.64	4.81	2.34	4.13	0.48	0.89	1.54	10.63	53.42
Byhalia	4.17	4.41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canton	4.11	3.37	8.85	8.01	5.05	5.69	3.90	6.49	3.05	0.79	0.75	9.44	59.50
Charleston	3.57	3.62	12.37	8.90	1.91	2.51	1.25	2.97	4.18	2.43	1.17	7.14	52.02
Clarksdale	3.05	2.26	12.64	8.25	1.31	5.48	5.28	5.37	2.20	1.99	1.42	6.25	55.50
Cleveland	3.38	1.94	13.15	9.73	3.94	3.34	2.81	5.77	0.74	3.05	1.49	7.72	57.06
Coffeeville	2.70	2.13	.....	.....	.....	.....	.....	.....	2.00	1.76	1.45	10.04	.....
Collins	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.28	.....
Columbia	6.49	4.62	9.57	15.24	5.88	8.38	5.37	5.51	5.10	1.90	1.38	15.14	84.58
Columbus	4.48	2.47	8.06	11.36	2.71	6.30	5.67	5.14	4.00	1.30	1.28	6.57	60.34
Corinth	3.48	2.98	10.64	8.24	4.96	3.46	5.16	5.21	3.82	1.95	1.20	9.50	60.60
Crenshaw	3.89	2.05	12.39	9.11	1.34	3.82	3.27	4.41	3.37	.....	0.80	4.51	.....
Crystal Springs	4.60	4.20	9.59	11.13	5.74	13.54	5.16	6.45	0.49	0.58	2.06	13.48	77.02
Denmark	3.46	2.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Duck Hill	4.56	3.51	11.57	14.58	3.09	3.12	7.43	1.88	6.52	2.05	1.05	10.04	69.40
Edinburg	3.42	3.43	10.42	9.19	5.35	4.80	4.87	6.79	3.98	2.12	1.42	8.54	64.35
Edwards	4.75	4.55	8.55	10.79	3.90	4.70	7.03	6.48	1.05	0.45	1.75	11.80	65.80
Enid	2.89	3.59	12.63	7.83	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enterprise	5.18	4.61	10.56	10.93	3.77	4.97	9.66	5.49	4.81	1.93	0.87	10.38	73.16
Fayette	3.71	3.43	7.50	6.26	6.56	4.48	5.05	3.62	2.65	0.66	1.42	12.82	58.16
Fulton	5.26	3.82	7.75	11.89	4.49	4.43	3.25	4.59	.....	.....	0.85	9.50	.....
Greenville	2.74	2.25	11.95	9.29	6.08	2.83	0.82	1.95	3.97	1.04	2.01	7.55	52.48
Greenwood	4.31	3.71	10.09	16.51	3.68	2.90	4.60	3.36	3.31	1.79	1.08	8.61	63.95
Grenada	3.91	3.01	.....	.....	3.03	.....	.....	.....	.....	.....	.....	.....	.....
Hattiesburg	6.60	2.30	11.96	9.02	3.26	3.12	.....	.....	.....	.....	1.82	6.86	.....
Hazelhurst	4.83	3.27	8.46	13.10	4.71	9.56	5.51	6.32	0.85	0.64	1.70	11.08	70.03
Hernando	3.74	2.97	12.69	10.82	3.19	2.60	2.36	5.95	2.22	1.67	1.37	4.46	54.04
Hickory	6.13	4.90	10.34	9.91	6.12	5.26	7.50	2.36	4.42	2.57	1.06	8.99	69.56
Hickory Flat	3.00	3.61	11.02	5.47	.....	.....	6.88	7.15	5.52	1.86	0.85	6.15	.....
Holly Springs	4.19	4.36	10.77	8.86	2.96	2.83	2.00	7.52	2.84	3.06	1.08	6.49	58.46
Jackson	3.13	4.81	9.82	7.78	4.22	8.05	7.52	4.69	1.54	0.82	1.36	11.79	65.53
Kosciusko	5.01	3.06	9.29	10.10	4.26	4.98	6.64	6.44	2.18	3.39	1.72	9.49	66.56
Lake	3.94	4.57	9.01	9.51	6.37	5.35	11.10	2.72	1.67	1.23	1.28	9.05	65.80
Lake Cormorant	4.53	4.48	11.54	10.71	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laurel	5.79	3.40	14.56	10.75	4.24	5.12	5.67	2.28	6.13	2.47	0.85	12.55	73.81
Leakesville	5.17	4.36	12.11	15.50	7.19	6.07	4.52	6.03	4.05	2.77	1.88	10.77	80.42
Louisville	4.74	3.72	9.93	10.66	5.25	4.17	5.21	8.51	4.72	1.60	2.02	7.63	68.16
Lula	4.49	2.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McNeill	5.58	4.15	10.49	11.30	10.54	3.60	6.84	10.24	2.88	1.41	1.50	9.68	78.30
Macon	3.76	5.24	9.00	11.88	5.03	7.94	4.09	4.06	2.98	1.24	1.84	7.81	64.87
Magnolia	5.21	4.57	7.04	9.27	3.86	6.33	6.48	3.96	2.55	1.28	0.82	14.01	65.38
Malone	4.19	3.53	11.81	9.49	3.32	2.97	5.34	7.22	6.11	2.42	1.38	7.50	65.28
Marks	3.04	1.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meridian	6.18	3.83	9.96	9.44	4.52	5.30	7.76	4.20	2.52	2.22	0.31	8.46	64.70
Merrill	7.95	4.72	11.17	20.16	6.32	4.48	7.14	6.86	3.51	1.83	1.86	9.84	85.84
Monticello	6.12	6.68	.....	8.34	3.31	7.77	8.03	3.31	.....	1.55	2.04	13.48	.....
Natchez	3.58	3.66	8.06	7.78	2.09	4.62	6.22	5.45	1.66	1.71	1.07	15.34	61.84
New Albany	3.01	2.22	11.77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Okolona	4.73	3.70	8.79	12.50	2.39	5.33	7.13	6.59	3.13	3.50	0.82	10.49	69.19
Pascagoula	5.17	6.73	7.01	8.19	3.90	4.33	5.12	6.68	4.24	7.61	3.22	6.75	68.95
Pearlington	4.40	3.52	11.03	13.14	8.76	2.38	9.37	3.81	4.95	2.58	2.66	8.55	75.15

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Mississippi—Continued.													
Pontotoc	2.80	3.33	11.53	10.92	4.30	7.60	3.03	2.67	5.77	2.84	0.30	7.68	62.77
Porterville	4.59	4.00	14.22	10.02	2.71	9.51	5.62	.....	.....	.....	.....	8.93	.....
Port Gibson	3.34	3.27	9.16	9.18	4.46	3.79	5.34	2.42	0.23	1.48	1.85	13.21	57.73
Rosedale	3.09	1.32	13.71	9.63	4.07	2.33	4.12	3.82	1.72	0.55	1.75	5.80	51.91
Senatobia	3.99	3.55	12.52	7.79	2.58	5.55	2.06	4.69	.....	1.35	1.35	.....	.....
Shoccoe	3.70	3.52	7.75	8.83	5.82	6.76	5.09	6.92	2.67	2.12	1.00	9.41	63.59
Shubuta	6.32	3.00	13.77	12.44	3.48	6.97	5.55	6.54	3.27	2.40	1.73	9.98	75.15
Suffolk	5.30	3.71	7.28	7.33	3.86	6.25	3.32	9.13	1.95	1.74	0.72	11.63	62.22
Swan Lake	1.35	1.59	13.72	7.46	2.91	3.32	1.12	1.62	.....	2.10	0.60	7.56	.....
Tchula	4.67	3.13	9.14	9.53	7.67	4.45	2.58	6.23	3.49	1.02	0.80	11.04	62.75
Tupelo	3.80	2.49	10.00	12.26	3.44	4.72	1.80	5.82	4.08	2.18	0.72	10.05	61.36
University	4.05	4.35	12.89	8.18	.....	.....	.....	.....	.....	.....	1.54	7.74	.....
Utica	3.27	4.35	10.05	10.46	3.89	5.63	7.80	6.86	1.13	0.83	1.52	11.36	67.15
Vicksburg	3.72	2.70	7.44	9.71	3.17	2.53	3.60	4.81	0.26	1.99	0.65	10.94	51.52
Water Valley	4.90	4.75	14.10	7.27	6.55	4.75	1.79	4.73	3.19	3.25	0.87	9.03	65.18
Waynesboro	6.45	5.10	13.60	11.90	4.66	6.54	5.56	6.08	4.08	1.75	2.65	12.02	80.39
Woodland	4.01	3.75	.....	.....	.....	.....	.....	.....	4.30	2.80	0.35	7.90	.....
Woodville	6.36	2.88	6.25	8.39	4.81	7.40	4.39	3.67	0.70	0.93	0.86	17.40	64.04
Yazoo City	5.22	2.61	10.05	11.59	6.15	4.08	4.26	6.89	3.70	0.78	0.91	11.09	67.33
Missouri.													
Amoret	0.45	1.74	3.85	6.03	2.21	4.57	2.58	2.86	3.00	3.60	0.13	0.99	32.01
Appleton City	0.22	1.09	4.73	6.06	.....	3.22	1.79	3.42	2.48	4.01	0.74	0.74	.....
Arlington	.....	1.91	4.22	4.52	4.38	5.70	1.62	5.61	4.08	3.20	1.60	0.27	.....
Arthur	0.30	3.04	5.22	6.77	3.55	3.88	1.65	3.10	1.59	3.27	0.40	0.80	33.57
Avalon	0.40	2.15	4.20	2.09	3.55	3.06	1.37	5.56	2.05	3.86	1.57	0.75	30.61
Bagnell	.....	.....	6.30	7.64	6.03	8.21	2.33	.....	.....	.....	.....	.....	.....
Belle	1.90	3.35	3.95	7.68	2.24	5.16	5.35	5.05	2.97	3.78	1.37	T.	42.80
Bethany	T.	2.05	1.22	1.29	2.87	.....	1.86	4.54	3.95	.....	.....	.....	.....
Birchtree	2.24	1.99	5.29	6.84	4.40	6.44	5.27	3.54	4.19	5.40	1.40	0.71	47.71
Bolivar	0.71	3.74	4.88	8.79	4.45	4.28	4.31	2.93	5.52	6.32	1.86	0.47	48.26
Boonville	0.24	1.46	4.88	3.78	2.79	6.23	2.67	4.62	3.08	4.26	1.13	0.65	35.79
Brunswick	0.27	1.59	3.55	4.42	3.47	5.84	1.84	5.14	1.57	2.64	1.52	0.64	32.49
Cape Girardeau	2.17	3.11	4.70	7.31	3.82	7.00	4.25	.....	.....	.....	.....	1.26	.....
Cardwell	3.68	2.79	5.98	9.94	3.07	5.39	4.08	3.02	2.77	3.06	0.60	1.74	46.12
Caruthersville	3.97	3.09	5.69	12.18	2.86	3.70	3.76	5.29	1.49	3.55	1.69	2.36	49.63
Cassville	1.02	2.49	5.44	6.12	2.69	5.04	2.53	2.25	4.30	5.21	1.21	0.27	38.57
Clinton	0.60	1.65	5.76	4.60	3.33	2.45	0.90	1.65	1.61	4.57	0.18	0.78	28.08
Columbia	0.25	1.74	6.23	5.34	3.25	3.50	1.88	4.91	3.55	4.07	1.33	0.40	36.45
Conception	0.10	3.50	2.30	2.72	2.40	1.94	1.09	.....	.....	.....	.....	.....	.....
Crocker	1.24	3.04	4.10	7.71	4.56	7.47	2.53	4.20	5.19	2.73	1.15	0.19	44.11
Dean	0.51	2.47	6.81	7.68	3.49	6.48	1.28	1.80	3.97	5.08	2.04	0.40	42.01
Doniphan	2.50	1.96	3.70	11.16	3.07	6.45	4.69	3.91	4.84	2.83	2.12	1.25	48.48
Eldon	.....	.....	.....	6.80	4.66	5.74	1.88	6.40	2.71	5.85	1.96	0.36	.....
Eldorado Springs	0.80	3.13	5.91	6.70	2.68	5.30	2.10	2.81	2.50	4.15	1.17	0.51	37.76
Fayette	0.60	1.67	6.76	3.18	3.11	4.53	2.26	5.58	2.29	3.26	0.48	0.90	34.62
Fulton	0.81	1.92	4.71	6.75	5.46	4.16	1.53	2.72	2.45	3.45	4.27	.....	.....
Gano	1.95	3.82	4.79	7.75	4.28	6.44	1.38	5.29	4.70	3.24	2.95	0.63	47.22
Glasgow	0.21	1.24	4.65	2.78	2.66	4.23	1.82	4.84	0.76	2.09	1.06	1.06	27.40
Goodland	2.00	2.82	4.70	9.56	4.72	5.69	2.76	3.24	4.86	4.01	0.90	0.35	45.61
Gorin	0.20	0.79	0.99	2.89	3.27	3.76	2.39	2.24	1.79	3.73	1.87	0.40	24.32
Grant City	0.10	1.85	1.20	3.23	5.91	1.56	1.36	3.48	3.79	3.88	0.99	0.70	28.05
Hannibal	0.32	1.63	3.54	5.32	4.55	3.54	1.36	5.71	2.08	3.92	2.16	0.46	34.59
Harrisonville	0.90	1.89	7.53	4.60	2.25	8.52	1.95	4.46	1.93	2.23	0.33	0.97	37.56
Hazelhurst	0.22	1.57	2.03	1.87	3.45	0.96	1.27	5.48	1.29	2.95	2.21	0.60	23.90
Hermann	0.76	1.90	3.75	9.01	4.12	6.64	4.19	5.30	4.22	3.74	1.84	0.23	45.70
Hollister	2.05	2.10	5.25	7.12	3.25	4.35	2.00	1.80	3.90	4.10	2.50	0.30	38.72
Houston	2.10	2.85	6.30	7.13	4.60	3.82	6.00	4.86	5.49	3.83	1.34	0.40	48.72
Ironton	2.13	4.02	4.85	11.68	4.70	5.82	5.07	3.01	5.75	2.15	3.20	0.89	53.27
Jackson	2.51	2.50	5.38	6.12	4.28	4.22	4.27	3.11	3.37	2.52	2.11	0.55	40.94
Jefferson City	0.97	1.38	3.96	6.86	4.00	8.49	2.42	3.96	2.18	5.55	1.84	0.39	42.00
Joplin	.....	3.92	4.26	7.59	3.25	4.47	.....	.....	4.25	5.36	1.35	0.25	.....
Kansas City	0.55	1.65	5.75	1.53	3.64	4.27	3.30	3.75	1.99	2.96	1.90	0.67	31.96
Kidder	0.07	0.64	2.35	2.12	3.83	1.59	3.26	6.38	2.62	3.36	2.27	0.82	29.31
Koshkonong	2.53	2.37	4.52	7.84	4.41	5.25	2.53	4.29	2.47	3.53	1.31	1.26	42.31
Lamar	0.40	3.30	5.43	6.69	4.21	5.65	1.56	2.22	2.30	8.67	1.70	0.38	42.51
Lamonte	0.31	1.47	5.25	4.36	3.18	3.63	1.56	5.09	1.37	3.60	0.60	0.35	30.77
Lebanon	1.48	3.20	4.81	6.63	4.11	6.51	3.50	3.89	2.62	3.65	1.17	0.10	41.67
Lexington	0.30	1.35	4.24	3.02	3.08	2.80	2.50	5.71	1.08	2.12	.....	0.86	.....
Liberty	0.65	2.24	4.24	1.31	1.25	2.43	5.60	4.52	1.56	3.70	1.88	0.07	29.45
Lockwood	0.22	2.77	5.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	0.56	1.99	6.47	5.91	7.81	4.94	2.75	8.70	3.97	4.29	2.06	0.98	50.43
Marble Hill	3.85	2.87	6.20	6.25	5.25	3.10	3.18	3.99	4.00	2.10	2.36	0.72	43.87
Marshall	0.77	1.40	3.82	4.01	2.71	4.79	5.09	4.66	1.19	2.14	0.64	0.44	31.66
Maryville	0.15	3.15	2.00	2.87	5.77	2.11	1.17	1.88	4.35	4.62	0.58	0.40	29.05
Mexico	0.73	1.87	6.25	4.96	5.42	2.92	1.48	7.39	4.05	4.30	2.21	0.66	42.24
Mountaingrove	2.37	4.11	4.31	7.44	4.25	6.81	4.53	3.23	5.93	4.01	1.76	0.52	49.27
Mount Vernon	0.46	3.84	4.65	8.03	3.71	6.90	3.62	4.09	2.67	3.96	2.87	0.38	45.18
Neosho	0.87	4.30	5.71	8.24	5.79	6.94	2.55	2.62	3.28	4.77	2.07	0.59	45.73
Nevada	0.60	3.60	6.13	7.89	4.35	3.70	2.73	2.00	1.43	5.45	0.77	0.61	39.26
New Madrid	3.90	4.00	6.45	8.50	3.17	4.81	2.89	5.32	2.10	3.28	1.62	2.05	48.09
Oakfield	0.98	2.18	5.71	8.26	2.74	5.43	2.99	3.60	3.93	2.54	1.73	0.46	40.55
Olden	3.61	3.86	4.00	6.85	4.46	6.64	5.36	1.40	4.45	3.51	1.60	0.12	45.86
Oregon	0.08	1.98	3.05	1.18	2.34	3.50	0.71	2.86	4.66	4.62	0.74	0.43	26.15
Osceola	.....	.....	.....	7.53	2.94	3.71	1.36	.....	.....	.....	.....	.....	.....
Palmyra	.....	.....	.....	4.27	3.88	2.44	0.81	7.43	1.83	3.93	2.18	0.51	.....
Pattonsburg	.....	.....	2.18	1.69	4.40	1.60	0.24	.....	.....	.....	.....	.....	.....
Rolla	1.39	3.29	4.48	6.96	4.97	6.36	4.18	7.05	5.32	2.95	2.12	0.16	49.23
Springfield	1.00	2.84	4.47	5.87	2.85	5.74	1.40	3.00	4.13	3.39	1.85	0.26	36.80
St. Charles	0.63	3.15	6.23	6.55	4.71	5.47	2.41	3.64	2.82	2.40	1.15	0.30	39.46
St. Joseph	0.06	1.73	2.55	1.84	3.28	3.46	1.66	4.23	3.43	3.52	0.32	0.52	26.60
St. Louis (1)	1.31	2.80	5.85	7.84	4.29	6.93	5.29	2.65	2.84	2.61	1.76	0.42	44.59
St. Louis (2)	2.27	4.58	5.43	7.66	4.30	8.88	6.22	2.68	2.61	2.47	1.66	0.49	49.25
Steffenville	0.46	2.09	4.20	3.05	4.14	2.16	1.92	3.32	2.07	3.70	2.45	0.60	35.16
Sublett	.....	.....	2.60	4.70	5.00	.....	3.14	7.01	3.60	6.25	0.11	0	.....

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Missouri—Continued.													
Tarkio	.....	.....	.....	.....	.....	2.70	1.53	1.88	2.96	4.01	0.23	0.33	.....
Trenton	0.26	2.49	3.07	1.63	3.94	2.36	1.38	6.64	2.38	4.50	1.43	0.87	30.95
Unionville	0.10	2.07	2.87	3.03	4.34	1.37	1.42	4.33	1.68	5.07	1.05	0.53	27.86
Vandalia	0.45	0.90	6.84	5.87	4.32	3.76	0.18	4.37	2.98	3.05	2.32	0.25	35.29
Warrensburg	0.27	1.17	6.68	4.47	1.16	4.92	3.28	6.97	1.63	3.16	0.28	0.76	34.75
Warrenton	0.92	2.06	5.43	11.71	3.93	5.26	4.11	4.09	2.97	3.82	1.80	0.48	46.58
Warsaw	0.95	2.08	7.83	7.09	5.90	5.64	0.91	2.97	2.76	4.56	1.30	0.33	42.32
Wheatland	0.60	2.90	5.35	7.70	2.50	6.77	3.70	1.95	0.56	3.18	1.34	0.26	36.81
Montana.													
Adel	1.00	0.66	1.15	1.34	6.82	0.86	1.45	2.42	4.72	3.00	0.50	1.20	25.12
Agricultural College	0.92	0.39	1.86	3.59	2.66	2.69	1.91	1.63	1.66	3.23	0.37	0.74	21.65
Anaconda	0.52	0.21	0.88	1.08	2.26	0.46	1.78	2.23	2.26	1.41	0.53	0.78	14.40
Augusta	.....	0.40	0.64	1.15	4.35	0.77	1.40	3.10	2.19	1.22	0.37	0.40	.....
Babb	1.92	0.19	0.51	0.62	2.28	1.59	4.44	1.31	1.06	0.80	1.57	.....	.....
Bald Butte	1.14	0.56	1.00	1.79	3.89	1.80	3.72	2.20	3.25	2.08	0.80	1.78	24.01
Bigtimber	0.65	0.80	1.26	1.38	2.66	0.33	3.39	1.09	1.15	3.16	0.05	0.15	16.07
Bigtimber Creek	0.50	0.50	1.10	1.74	5.19	1.30	2.48	2.89	1.07	3.58	0.20	0.70	21.24
Billings	0.24	0.30	0.36	1.92	2.58	0.73	3.39	0.95	3.01	3.73	0.36	0.04	17.61
Birch Creek	.....	.....	.....	0.56	2.46	1.24	3.61	1.38	1.58	0.58	.....	.....	.....
Blackleaf	1.71	0.57	0.62	1.64	5.25	0.89	1.30	2.58	1.60	0.60	0.03	0.30	17.09
Bloomfield	.....	.....	0.64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boulder Nursery	0.49	0.12	1.01	2.34	2.68	1.48	1.70	1.76	2.87	2.92	0.29	0.72	18.38
Bowen	0.68	0.43	0.55	0.36	2.41	0.83	1.64	1.16	1.18	0.77	0.39	0.81	11.21
Bridger	0.13	0.32	0.04	0.35	0.81	0.76	0.91	1.55	2.87	2.20	0.03	T.	9.97
Broadview	0.20	0.41	1.60	2.03	3.70	0.79	2.59	1.54	2.41	1.30	0.62	0.05	17.24
Browning	0.60	0.35	0.32	0.20	1.48	0.81	.....	.....	1.98	0.72	0.63	0.44	.....
Busby	0.38	0.77	0.61	1.91	4.32	2.31	3.63	2.34	3.46	1.76	0.40	0.09	21.98
Busteed	0.42	0.24	1.10	0.97	4.00	1.75	2.62	0.97	2.22	2.36	0.30	0.05	17.00
Butte	0.28	0.55	0.80	0.64	1.97	0.93	1.63	1.92	0.95	1.20	0.43	0.68	11.98
Cabin Creek	0.15	0.11	0.41	0.93	1.44	0.31	1.36	2.95	0.68	0.95	0.10	0.24	9.63
Canyon Ferry	0.19	0.43	0.24	1.24	1.70	0.64	1.72	1.42	1.76	1.02	0.32	0.03	10.71
Cascade	0.65	0.26	1.00	1.31	3.05	0.70	2.72	2.05	2.43	2.29	0.06	0.47	16.99
Chessman Reservoir	0.97	0.81	1.63	2.83	3.67	2.65	2.13	2.70	2.81	3.52	0.91	1.35	25.98
Chester	0.35	T.	T.	1.16	1.23	0.98	0.94	2.73	1.10	0.25	0.00	0.50	9.24
Chinook	0.65	0.05	0.09	2.25	2.77	2.08	0.51	2.39	1.26	0.88	0.19	0.10	13.22
Clear Creek	0.67	0.20	0.31	1.54	4.50	1.39	1.98	3.43	.....	.....	.....	0.33	.....
Clemons	0.75	0.24	0.48	2.05	5.14	1.22	2.40	2.70	3.08	1.82	0.22	0.23	20.33
Clydepark	0.27	0.14	0.98	2.35	1.47	1.87	1.43	1.15	1.07	1.96	0.40	0.40	13.49
Columbia Falls	3.94	1.63	0.34	1.78	0.56	2.79	2.67	1.65	1.50	2.23	1.82	1.71	22.62
Como	1.14	0.84	0.62	1.19	2.51	0.82	0.86	1.14	1.23	1.15	1.21	1.24	13.95
Conrad	.....	.....	0.21	0.75	.....	.....	.....	.....	1.62	0.07	T.	0.25	.....
Copper	0.70	0.31	0.94	0.95	3.37	0.74	1.97	1.91	1.08	1.20	0.57	0.17	13.91
Crow Agency	0.54	0.62	1.17	2.38	3.91	3.66	3.96	1.74	3.65	2.78	0.77	0.07	25.25
Culbertson	0.30	0.35	0.60	1.58	4.00	1.38	4.49	3.55	0.35	0.50	0.20	0.55	17.85
Cut Bank	0.06	T.	0.10	0.32	1.92	0.77	2.58	1.85	2.42	0.20	0.00	0.10	10.32
Dayton	1.09	0.20	0.90	0.15	1.78	1.12	2.77	0.92	0.18	0.25	0.20	0.73	10.91
Deer Lodge	.....	.....	.....	.....	.....	.....	.....	.....	1.71	1.18	0.59	0.65	.....
Denton	0.77	0.17	0.73	1.07	3.04	1.27	2.19	1.51	1.72	1.07	0.13	0.13	13.80
Dillon	0.68	0.07	2.29	2.42	3.83	2.00	1.83	3.90	0.86	1.41	1.02	0.87	21.18
Dry Creek	1.38	1.20	2.89	1.48	2.93	1.40	2.69	3.11	2.08	3.61	1.96	2.98	27.71
Dry Wolf Camp	0.55	0.81	1.40	1.22	3.28	2.13	3.84	2.63	1.78	2.05	0.38	1.31	21.38
Dunkirk	.....	.....	.....	.....	1.06	0.93	1.36	1.50	1.68	0.12	T.	0.08	.....
East Anaconda	0.68	0.28	0.52	1.20	2.22	1.10	2.51	2.18	2.03	1.07	0.47	0.49	14.75
East Gallatin River	0.71	0.60	1.41	2.83	2.82	1.79	2.02	2.27	2.32	2.60	0.35	1.05	20.77
Ekalaka	.....	0.21	0.31	1.07	3.12	1.85	1.56	1.60	2.13	2.18	0.00	T.	.....
Elkhorn	0.86	0.37	1.02	3.51	3.61	1.50	2.21	1.84	2.23	1.30	0.77	0.65	19.87
Fallon	0.71	T.	0.23	1.30	3.35	0.70	2.82	2.51	0.81	3.38	T.	0.03	15.84
Findon	1.36	0.46	0.98	0.97	2.86	1.90	1.20	2.58	2.37	1.13	0.36	0.28	16.45
Fish Creek	0.10	0.41	1.43	2.74	3.72	3.00	2.04	2.93	2.65	2.98	0.39	0.74	23.13
Flathead Creek	0.61	0.21	0.61	1.54	2.67	2.32	2.94	2.21	2.18	2.11	0.67	0.40	18.47
Forsyth	.....	.....	0.65	.....	4.25	1.36	2.90	0.28	2.85	2.84	0.55	T.	.....
Fort Benton	0.76	0.10	0.40	1.65	3.20	1.50	1.25	3.45	1.31	0.88	T.	T.	14.50
Fortine	.....	0.39	0.87	0.99	0.67	2.18	3.24	1.65	1.62	1.32	1.27	1.02	.....
Fort Shaw	0.21	0.09	0.41	0.31	2.01	0.45	1.01	2.58	1.54	1.12	0.01	0.10	9.84
Foster	0.11	0.31	0.23	2.28	3.47	3.57	3.70	0.56	2.66	2.57	0.60	0.01	20.07
Garneill	2.08	2.21	2.88	1.60	2.99	2.00	4.53	2.06	4.00	2.15	0.25	0.36	27.11
Glasgow	0.80	0.05	0.28	0.90	5.60	1.06	2.66	5.12	1.06	0.07	0.10	0.20	17.90
Glendive	0.30	0.05	0.90	2.20	4.46	0.90	2.07	4.34	1.10	1.90	0.05	T.	18.27
Gold Butte	0.41	0.05	0.06	0.30	0.79	0.85	1.60	1.87	2.44	0.03	0.02	0.13	8.55
Graham	0.11	0.38	0.37	2.03	3.62	0.24	0.83	4.50	3.17	2.04	0.08	0.04	17.41
Grayling	0.95	0.49	.....	1.62	1.55	2.01	4.14	1.92	0.47	2.16	0.64	0.40	.....
Great Falls	1.09	0.60	1.26	0.88	2.39	0.95	2.07	3.10	2.10	0.85	0.06	0.19	15.54
Half Way House	.....	0.77	1.00	0.75	1.56	1.61	1.84	2.22	1.43	2.35	1.19	1.21	.....
Hamilton	0.51	0.37	0.23	2.38	3.53	0.55	1.28	1.18	1.10	0.63	1.22	0.31	13.29
Harlowton	0.55	T.	1.58	0.36	1.88	1.50	1.02	0.85	0.50	0.51	0.00	T.	8.75
Hat Creek	1.16	0.87	1.79	2.06	4.96	2.58	2.40	2.51	2.75	2.19	1.06	1.31	25.66
Haugan	.....	3.21	1.13	1.67	2.33	1.12	0.89	1.33	1.20	3.19	3.66	5.68	.....
Havre	0.88	0.20	0.30	1.36	2.57	1.52	0.97	2.24	1.20	0.76	0.15	0.11	12.26
Helena	0.59	0.20	0.69	1.21	4.03	1.32	0.95	1.60	1.73	1.51	0.49	0.37	14.69
Heron	.....	.....	1.51	1.95	2.14	2.04	2.16	3.35	1.93	2.45	4.97	2.81	.....
Highwood	1.22	0.56	1.16	1.75	4.03	1.37	3.20	1.26	3.02	3.76	0.34	1.12	22.79
Huntley	0.23	0.45	0.48	2.15	2.52	1.78	2.31	1.60	2.85	3.32	0.48	0.00	18.17
Jones Canyon	2.28	3.30	3.54	5.58	4.03	5.48	2.96	1.95	3.81	3.51	0.69	0.98	38.11
Jordan	0.43	0.25	.....	.....	.....	.....	.....	.....	0.85	0.40	0.00	.....	.....
Kalispell	1.69	0.48	0.37	0.61	0.76	2.59	1.56	1.03	0.68	0.41	0.83	0.69	11.70
Knobles Ranch	0.98	0.23	0.21	0.79	1.30	1.59	3.62	2.00	2.42	0.77	0.16	0.17	14.24
Lewistown	1.18	0.05	0.56	2.23	4.27	0.80	4.12	1.16	1.93	2.03	0.04	0.41	18.78
Libby	1.09	0.55	0.30	0.75	0.86	1.39	1.01	1.46	1.30	1.34	3.26	2.59	15.90
Lonetree	1.33	0.51	0.76	2.46	3.86	1.25	2.43	3.61	1.60	1.70	0.13	0.51	19.55
Lost Creek	0.22	0.32	0.50	1.11	2.38	0.40	1.78	1.84	2.22	1.02	0.54	0.65	12.98
Lothair	0.75	0.00	0.25	1.70	1.05	0.65	1.95	3.05	2.30	0.15	0.00	0.30	12.15
Lytle	.....	.....	0.24	1.35	1.76	1.06	1.24	3.98	1.53	0.82	0.04	0.09	.....
Malta	0.72	0.08	0.15	1.32	3.34	1.24	5.26	4.33	0.93	0.12	0.03	0.04	17.56
McGinnis Meadows	1.27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Montana—Continued.													
Medicine Lake	0.12	0.21	0.40	1.67	4.44	1.30	2.34	2.87	0.87	0.33	0.15	0.32	15.02
Melstone				2.13	3.46		2.90						
Mildred	1.21	T.	0.09	3.94	5.11	0.88	3.16	1.69	1.60	2.60	0.05	T.	20.33
Miles City	0.70	0.52	1.64	2.48	4.17	1.34	3.55	1.19	1.44	2.61	0.37	0.08	20.09
Missoula	1.32	0.27	0.16	2.02	3.09	1.78	1.94	1.88	1.58	1.36	0.93	0.73	17.06
Norris	0.10	0.12	1.35	1.71	2.91	1.73	0.60	1.50	1.96	2.41	0.20	0.22	14.81
Nye	0.44	0.58	1.63	5.88	0.92	0.44	3.93	1.19	2.68				
Olsen Creek	0.44	0.25	0.43	0.56	2.55	1.31	2.60	2.26	2.11	2.45	0.38	0.54	15.88
Ophir	1.21	0.96	0.78	1.88	4.63	1.76	3.23	1.82	4.50	3.13	1.13	3.16	28.19
Ovando	3.06	1.46	1.58	1.85	3.53	1.45	1.15	3.69	1.52	1.51	1.39	1.72	23.91
Philipsburg	0.50	0.43	1.10	1.05	3.60	1.34	2.30	2.35	1.73	1.28	0.98	0.27	16.93
Pinegrove				1.05	3.39	1.05	2.00	2.12	2.29	0.26		1.20	
Pipestone Pass	0.31	0.39	1.34	2.22	3.68	1.90	2.39	2.01	1.83	2.44	0.26	0.89	19.66
Plains	0.72	0.46	0.40	T.	1.69	1.20		1.93	1.09	1.27	1.10	0.94	
Pleasant Valley	1.63	1.04	1.12	0.96	0.80	1.56	1.89	2.59	0.76	1.44	3.01	2.49	19.29
Plevna			0.66	2.34	3.67	1.12	2.06	2.52	1.53	2.33	T.	0.12	
Polson	1.41	0.59	0.64	1.04	1.86	2.02	1.29	2.47	1.57	0.78	0.50	0.86	15.03
Poplar	0.02	T.	0.56	0.34	4.56	1.83	4.37	2.96	0.25	T.	0.62	T.	15.51
Red Lodge	0.41	1.03	1.64	3.10	2.26	1.02	1.50	1.84	3.49	2.95	0.21	0.40	19.85
Renova	0.14	T.	1.03	1.11	0.95	2.64	1.24	2.17	1.43	2.25	T.	0.08	13.04
Ryegate	0.50	0.10		1.08	2.60	1.00	1.16	1.32	2.08	2.21	0.12	T.	
St. Ignatius	0.92	0.60	0.28	0.69	2.84	1.83	2.75	2.83	1.64	1.31	0.77	0.24	16.70
Saltese	4.41	2.90	2.05	1.62	3.66	1.31	1.17	1.89	1.38	2.42	2.62	10.78	36.21
Savage	0.87	0.04	0.96	2.39	4.43	1.12	3.27	2.61	1.15	1.78	0.06	0.09	18.77
Shelby				0.51	1.08	0.72	1.23	1.65	1.56				
Sidney	0.58	0.15	0.80	3.69	3.64	0.64	3.15	2.85	1.44	1.93	0.07	0.04	18.98
Spokane Ranch	0.28	0.28	0.51	0.83	2.16	1.05	2.00						
Springbrook	1.41	0.19	1.82	2.12	4.88	0.88	2.92	2.37	1.54	1.40	0.20	0.05	19.78
Stearns	2.01	0.42	1.22	2.90	5.71	0.88	2.09	1.94	3.82	3.01	0.23	0.62	24.85
Stevensville	0.74	0.47	0.43	0.61	3.41	1.20	1.40	1.10	1.13	1.16	1.07	0.18	12.90
Sunl't Farm	0.29	T.	0.01	1.22	2.19	3.67	1.21	2.57	1.02	0.22	0.26	0.40	13.06
Sun River Canyon			0.23	1.81	3.73	2.27	1.45	2.74	2.02	1.04	0.46	0.26	
Thompson Falls	1.93	1.27	0.69	1.54	1.75	1.25	1.12	1.00	1.16	1.51	2.03	2.77	18.02
Three Forks	0.18	T.											
Trail Creek	0.85	0.68	0.70	2.21	3.17	3.01	2.66	2.37	3.13	1.49	0.77	0.64	21.68
Trout Creek										1.72	8.53	3.79	
Utica	0.50	0.33	1.15	1.27	3.94	2.16	1.27	1.67	1.64	2.28	0.15	0.23	16.59
Valentine	0.35	T.	0.57	0.61	3.60	1.54	2.08	0.85	1.72	0.92	0.05	T.	12.29
Valier	0.29	0.04	0.08	0.29	1.71	1.59	2.70	1.84	2.32	0.58	T.	0.10	11.54
Virginia City	0.14	0.44	0.84	1.56	3.84	1.06	2.12	2.15	1.57	0.83	0.52	0.50	15.57
Wall Rock Mountain	0.77	0.66	2.47	1.68	2.48	1.36	3.20	1.90	2.00	1.58	0.50	1.51	20.11
Warm Sprimgs Creek	0.69	1.01	0.99	2.06	2.40	1.63	1.12	3.53	1.85	1.63	0.55	0.59	18.05
Wheaton	0.62	0.20	0.80	0.36	3.67	0.66	0.89	1.27	0.76	1.02	0.07	T.	10.32
Whites Ranch						1.38	2.46	1.18	1.52	3.05	0.01	0.02	
White Sulphur Springs	0.41	0.17	0.61	1.11	1.46	1.13	2.08	1.41	1.31	1.59	0.39	T.	11.67
Wilder	0.95	T.	0.56	1.45	2.30	1.07	3.51	1.65	0.99	1.28	T.	0.05	13.81
Willow Glen Stock Farm		T.				1.20		1.20			0.01	0.50	
Wolf Creek	0.74	0.17	0.51	1.75	5.04	0.39	1.87	2.10	3.04	2.42	0.08	0.11	18.22
Woodville	0.39	0.45	0.68	1.18	2.27	1.74	1.43	2.35	1.92	1.38	0.47	0.54	14.80
Nebraska.													
Ainsworth	0.93	1.48	2.62	3.72	3.16	1.42	3.90	5.03	2.43	0.60	0.00	0.49	25.78
Albion	0.50	0.60	4.20	1.85	1.11	0.85	2.81	1.80	2.94	0.64	1.01	0.17	18.48
Alliance	0.40	0.35	0.90	2.15	1.40	1.05	3.45	3.35	2.00	1.60	0.40	0.05	17.10
Alma	0.38	0.97	2.49	1.31	3.18	5.08	1.90	3.07	1.46	0.67	1.20	0.03	21.74
Arcadia	0.60	0.65	4.10	2.02	0.72	1.09	1.75	1.06	2.89	0.72	T.	0.40	16.00
Arden	0.96	0.63	2.90	2.24	1.81	1.48	2.04	2.51	3.17	1.11	0.11	1.10	20.06
Ashland	0.17	1.14	2.07	1.46	0.40	3.65	2.00	3.43	5.31	3.04	0.68	0.09	23.44
Ashton	0.13	0.11		2.05	1.13	1.14	4.13	1.04	2.47	2.15	1.10	0.09	
Atkinson	0.87	0.47	3.00	2.15	2.81	1.79	3.39	2.20	2.16	0.37	0.00	0.30	19.51
Auburn	T.	2.15	1.90	1.90	0.90	2.48	1.18	1.91	2.36	2.96	0.38	0.27	18.39
Aurora	0.95	1.46	1.98	1.34	3.12	2.68							
Beatrice	0.15	1.85	2.35	2.04	1.73	4.03	2.17	2.46	3.05	2.79	0.39	0.09	23.10
Beaver City	0.21	0.80	2.37	1.40	0.70	3.40	1.82	2.82	1.45	2.25	1.30	0.20	18.72
Bellevue	0.32	1.55	2.50	1.76	1.56	2.90	1.52	4.39	6.56	3.05	0.50	0.20	26.81
Benkelman	0.40	0.95	1.30	3.99	T.	2.72	5.73	4.90	2.45	1.36	0.40	0.80	25.00
Bertrand	0.18	0.53	2.94	1.11	1.03	2.48	5.38	2.49	1.96	1.47	1.23	0.34	21.14
Blair	0.56	0.92	2.93	2.36	1.84	3.49	1.88	4.56	4.21	2.48	0.61	0.17	26.01
Bloomfield	0.45	0.55	2.97	2.60	1.75	0.50	4.00	4.52	1.89	1.23	T.	0.80	21.26
Bradshaw	0.50	0.95	2.55	2.79	1.23	3.10	3.00	2.15	1.62	3.64	2.21	0.07	23.81
Brewster										0.85	T.	0.12	
Bridgeport	0.45	1.24	1.95	2.75	1.04	1.52	3.15	3.38	1.77	1.46	0.20	0.45	19.36
Broken Bow	0.60	0.20	2.50	2.24	0.57	1.30	3.10	1.30	1.37	1.27	0.00	0.12	14.57
Bruning	0.06	1.70	2.06	2.14	2.74	4.73	1.28	6.37	2.22	4.34	0.29	0.03	27.96
Burge	0.50	0.25	2.05		4.75					1.00		0.25	
Burwell										0.95	0.00	0.20	
Butte	0.33	0.22	1.77	3.45	2.15	1.83	4.72	2.80	1.37	0.27	0.00	0.10	19.01
Cairo	0.79	1.07	3.32	2.02	1.13	1.97	3.90	0.84	2.29	1.23	1.51	0.36	20.43
Callaway	0.30					1.96	2.64	1.58			0.53	0.50	
Cambridge	0.40	0.97	3.67	1.63	0.50	3.01	3.73	2.90	2.07	2.52	1.05	0.40	22.85
Columbus	1.25	2.19	5.08	2.26	1.21	1.97	2.06	3.25	4.33	1.64	2.13	T.	27.37
Crete	0.07	1.94	2.18	2.84	2.15	2.50	1.51	2.02	4.56	3.57	0.45	0.00	23.79
Culbertson	0.30	0.46	3.35	2.48	0.83	2.58	3.25	2.49	3.59	0.80	0.10	0.60	20.83
Curly	0.12	0.95	1.05	1.48	1.05	0.95	3.11	4.00	1.95	1.48	0.30	0.10	16.54
Curtis	0.90			2.58	0.66	4.43	4.34	4.02	4.29	2.01	0.04	0.18	
David City	0.92	1.45	3.87	2.43	2.17	2.60	3.45	3.28	3.52	2.18	1.20	0.20	27.27
Du Bois	0.04	2.63	2.96	2.68	1.88	3.52	1.37	2.04	4.00	6.09	0.70	0.40	28.31
Dumas			3.54	1.79	1.24	1.62	2.72	1.58	2.89	1.28	0.00	0.30	
Elm Creek	0.32	1.47	2.47	1.87	1.51	2.24	1.77	1.09	2.37	1.04	0.90	0.31	17.36
Elsie	0.16	0.85	1.06	2.34	1.71	2.20	3.82	2.93	2.80	1.22	0.21	0.60	19.90
Ericson	0.14	0.30	2.70	2.59	1.39	2.06	2.60	2.96	2.62	0.60	0.00	0.50	18.46
Ewing	0.85	0.30	3.90	1.76	2.15	2.31	2.41	1.50	2.28	1.09	T.	0.30	18.85
Exeter						3.02	2.37	4.21		4.71	0.76	0.20	
Fairbury	0.16	2.70	2.76	3.81	3.80	2.80	0.60	3.49	3.40	2.94	0.14	0.15	26.75
Fairmont	0.32	1.69	2.55	1.79	1.61	4.01	1.26	5.46	2.21	2.45	0.64	0.05	24.04

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Nebraska—Continued.													
Falls City	.....	.....	3.14	1.42	3.38	1.91	1.81	1.77	7.59	5.70	0.60	0.31	.....
Fort Robinson	0.51	0.48	0.91	2.50	1.91	1.05	3.20	2.59	2.14	1.52	0.00	0.15	16.96
Franklin	0.21	2.40	2.57	1.26	1.69	5.53	1.93	2.27	1.69	0.99	2.25	T.	22.79
Fremont	1.00	1.15	3.85	2.43	1.17	2.96	2.46	4.18	3.32	2.65	0.60	0.10	25.87
Fullerton	1.50	0.96	4.24	2.58	0.67	1.60	2.66	2.74	3.98	0.80	2.09	T.	23.82
Geneva	0.18	1.47	2.18	1.46	2.74	4.24	0.94	5.34	1.54	2.96	0.68	0.10	23.83
Genoa	0.56	1.10	3.43	1.76	1.41	1.93	2.00	3.17	3.85	1.20	1.78	0.35	22.54
Gosper	0.17	1.12	2.16	1.87	0.72	3.41	2.64	2.36	2.46	2.84	0.79	0.13	20.67
Gothenburg	0.60	0.80	2.13	2.70	0.65	1.82	2.34	2.29	2.18	1.20	0.60	0.45	17.76
Gordon	0.80	0.40	1.97	1.65	1.23	1.14	3.97	3.06	1.16	1.30	0.45	0.20	17.33
Grand Island	0.50	0.91	3.20	1.86	1.98	2.88	4.00	1.95	2.61	2.06	2.10	0.16	24.21
Grant	0.30	1.40	2.70	0.91	0.80	1.58	10.67	3.16	2.37	1.23	T.	0.30	25.42
Greeley	0.74	0.79	4.64	1.90	1.39	1.56	2.09	2.30	3.89	0.95	0.46	0.34	21.05
Guide Rock	0.10	1.22	1.92	1.71	2.12	5.04	1.87	5.08	1.35	1.43	0.45	T.	22.29
Haigler	.....	.....	.....	.....	.....	.....	.....	.....	1.38	0.80	0.25	0.20	.....
Halsey	0.55	0.65	3.32	1.71	1.26	1.24	3.83	3.77	1.11	0.78	0.00	0.10	18.32
Hartington	0.39	0.62	1.82	2.36	1.92	1.65	3.11	4.22	4.04	1.62	T.	0.40	22.15
Harvard	.....	1.55	2.63	1.82	1.86	3.30	1.33	2.27	2.06	1.69	1.60	0.11	.....
Hastings	0.60	1.18	2.90	1.78	4.11	3.51	2.49	1.70	3.23	2.18	1.85	T.	25.53
Hayes Center	0.40	2.05	3.60	3.30	1.80	3.16	3.05	5.56	3.73	0.68	0.30	1.00	28.63
Hay Springs	0.20	0.35	1.10	2.68	1.94	2.30	2.83	3.15	2.17	1.90	0.50	0.20	19.32
Hebron	0.08	1.67	1.62	2.59	2.40	3.37	1.86	5.22	2.71	2.97	0.52	0.02	25.03
Hemingford	0.17	0.50	0.65	2.73	1.72	0.80	4.69	3.00	1.63	1.08	0.10	0.15	17.22
Hendley	0.35	0.78	3.80	1.45	0.90	3.57	1.65	3.76	1.35	2.52	1.00	0.30	21.43
Hershey	0.33	0.63	2.24	2.92	0.73	1.16	3.68	1.82	2.25	1.25	0.00	0.13	17.14
Hillside	1.21	0.73	2.69	1.39	2.98	2.99	5.76	4.57	2.99	0.90	T.	0.05	26.26
Holdrege	0.55	1.12	2.60	1.80	0.30	2.88	2.97	2.09	1.41	0.81	1.15	0.02	17.70
Hooper	1.01	1.27	3.80	2.30	1.35	4.03	3.41	4.25	3.44	2.80	0.96	T.	28.62
Hull (near)	0.94	2.04	1.88	2.12	2.75	1.21	3.95	4.45	3.19	1.33	0.45	0.15	24.46
Imperial	0.52	1.08	3.61	2.85	1.41	1.82	5.09	4.28	2.01	1.55	0.15	0.21	24.58
Kearney	T.	0.72	2.90	1.68	0.54	2.05	4.55	1.35	1.90	1.61	1.00	0.10	18.40
Kimball	0.60	0.75	1.90	2.16	2.10	3.46	2.17	3.73	2.25	1.56	0.25	0.35	21.28
Kirkwood	0.45	0.30	1.95	2.55	3.62	1.11	5.71	2.73	1.41	0.57	0.00	0.20	20.60
Kowanda	.....	0.79	2.40	0.92	2.69	1.75	3.80	3.00	2.26	1.50	0.10	T.	.....
Lamar	0.35	0.67	1.21	1.22	1.52	2.81	6.03	5.76	.....	.....	.....	.....	.....
Lexington	0.50	0.53	1.40	1.14	0.68	1.41	0.90	1.18	1.42	0.97	0.91	0.30	11.34
Lincoln	0.07	1.31	2.06	2.50	0.96	2.99	2.18	4.16	3.04	2.74	0.36	0.02	22.39
Lodgepole	0.90	1.62	2.90	1.52	2.50	1.05	3.05	2.83	2.38	1.42	0.32	0.30	20.79
Loup	T.	.....	1.44	1.85	1.67	0.84	3.41	0.86	2.77	0.92	0.72	0.11	.....
Loyal	0.20	1.10	2.35	4.50	1.44	1.02	3.12	2.06	2.05	1.07	.....	.....	.....
McCook	0.00	0.24	1.50	2.01	0.00	2.77	2.29	2.11	2.13	1.09	0.55	T.	14.69
McCool Junction	0.30	1.44	3.30	2.31	1.61	2.59	2.41	3.61	1.47	3.69	1.00	T.	23.73
Madison	0.77	0.80	3.40	2.92	2.48	2.06	3.33	2.99	4.99	0.97	1.75	0.30	26.76
Marquette	0.40	1.24	2.10	1.83	2.01	2.28	2.81	4.33	2.25	1.99	2.40	0.15	23.79
Mary	0.18	0.78	2.70	2.68	2.17	1.82	6.08	3.43	1.45	0.68	0.00	0.40	22.37
Mason City	0.82	0.30	2.80	1.60	.....	1.38	3.53	1.87	3.25	0.95	0.10	0.40	.....
Minatare	0.61	1.30	1.92	2.46	1.49	2.59	4.13	3.34	2.81	1.08	0.61	0.70	23.04
Minden	0.56	0.87	2.21	2.14	0.73	3.27	3.43	1.92	1.46	1.21	1.10	0.22	19.12
Mitchell	0.25	0.54	0.67	2.02	1.77	1.61	4.43	3.59	3.38	1.05	0.52	0.02	19.85
Nebraska City	0.22	3.55	2.70	2.30	0.72	2.70	4.99	1.94	5.25	3.48	0.50	0.20	28.55
Nelson	T.	1.18	2.26	1.58	2.91	4.57	1.64	7.44	1.04	2.04	0.68	T.	25.34
Norfolk	0.76	0.73	3.46	2.84	2.01	3.21	2.97	4.04	3.43	1.63	1.08	0.20	26.36
North Loup	0.50	0.54	3.58	2.35	1.34	1.79	3.42	1.65	5.56	0.97	0.37	0.20	22.27
North Platte	0.74	0.81	3.08	2.93	1.93	0.57	4.01	1.27	2.04	1.12	0.01	0.18	18.69
Oakdale	0.41	0.43	2.83	2.21	3.55	1.40	3.21	2.32	3.03	1.93	0.16	0.43	21.91
Omaha	0.26	1.28	2.50	1.31	1.30	3.09	1.78	4.78	7.12	2.41	0.31	0.32	26.46
O'Neill	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.91	0.00	0.69	.....
Ord	0.87	.....	.....	2.51	0.78	1.80	2.90	1.97	2.45	0.84	0.00	0.03	.....
Orleans	0.30	0.65	.....	1.81	0.61	5.27	2.62	3.58	1.30	0.93	1.65	0.00	.....
Osceola	1.00	1.65	3.80	.....	.....	1.73	2.63	7.33	.....	.....	1.90	T.	.....
Palisade	0.14	0.35	1.46	2.22	0.08	2.78	2.81	2.91	1.91	0.77	0.50	0.15	16.05
Palmyra	0.05	.....	.....	2.03	0.70	2.36	2.43	4.12	4.77	4.47	0.50	0.10	.....
Pawnee City	0.05	2.32	2.10	2.27	2.63	1.65	1.28	3.25	3.26	3.80	0.50	0.30	23.41
Paxton	0.64	0.83	2.11	1.25	3.04	1.69	6.03	2.61	2.22	1.11	T.	0.25	21.78
Plymouth	0.09	1.17	1.12	2.20	2.04	3.25	1.60	2.78	3.04	3.98	0.33	0.00	21.60
Purdum	0.49	0.70	4.10	1.84	1.82	0.87	4.56	4.06	1.45	0.87	0.00	0.17	20.93
Ravenna	0.77	0.69	1.95	2.56	1.61	1.43	2.16	0.58	1.90	0.99	1.60	0.18	16.42
Red Cloud	0.10	1.41	2.88	1.44	2.13	5.36	1.59	4.01	0.77	0.71	0.88	0.02	21.30
St. Libory	0.60	0.80	2.22	2.59	2.00	2.68	3.67	2.30	2.99	0.94	2.45	0.25	23.49
St. Paul	0.37	0.32	2.17	2.21	2.35	3.52	2.49	3.10	1.61	0.59	2.02	0.13	20.88
Santee	.....	0.15	1.10	2.43	4.31	0.75	5.30	3.33	1.28	0.95	0.00	0.22	.....
Schuyler	.....	.....	2.62	2.18	1.35	.....	.....	.....	3.40	1.55	1.26	0.23	.....
Scottsbluff	0.56	0.98	1.38	1.63	1.13	1.65	5.33	3.73	2.93	1.46	0.67	0.15	21.60
Seward	0.23	1.40	3.10	2.60	2.15	4.45	2.35	6.13	4.14	5.05	0.84	T.	32.44
Sidney	0.82	1.07	2.37	2.66	2.70	2.80	5.09	4.18	2.98	1.56	0.32	0.52	27.07
Springfield	.....	1.13	3.31	1.12	0.52	2.91	3.29	2.89	5.28	2.74	0.40	0.24	.....
Springview	0.75	0.50	2.20	2.49	4.10	1.03	4.27	4.21	1.08	0.51	T.	0.20	21.34
Stanton	1.15	1.10	3.50	2.51	1.94	1.43	2.03	1.65	3.80	1.45	1.40	0.10	22.06
Stratton	0.20	0.74	2.60	3.17	0.25	6.23	2.61	5.86	1.76	0.45	0.80	T.	24.67
Superior	.....	1.50	.....	1.50	1.20	3.95	2.57	5.10	0.95	2.80	0.43	0.00	.....
Syracuse	0.30	2.50	3.96	1.74	0.33	2.85	3.20	2.50	3.92	4.00	0.30	0.20	25.80
Table Rock	0.15	2.91	2.58	2.43	1.70	2.89	1.11	3.01	3.83	3.76	0.50	0.36	25.23
Tecumseh	0.02	2.30	.....	.....	0.60	3.11	.....	.....	.....	.....	0.36	0.30	.....
Tekamah	0.63	0.95	3.65	2.68	1.61	3.23	2.87	4.08	5.97	2.23	0.81	0.26	28.97
University Farm	0.07	1.31	2.06	2.23	0.69	4.03	2.68	4.15	3.81	3.07	0.29	0.02	24.41
Valentine	0.49	0.34	1.26	2.43	3.06	0.99	2.07	2.60	1.43	1.07	0.01	0.24	15.99
Wahoo	0.30	1.45	4.00	2.09	1.20	4.14	3.63	2.84	4.43	3.40	0.60	0.00	28.08
Wakefield	0.88	0.93	2.54	2.55	2.51	2.90	3.12	7.88	3.83	1.28	1.51	0.37	30.30
Walthill	0.28	1.15	2.41	2.39	2.83	.....	1.92	.....	3.95	1.50	.....	.....	.....
Watertown	0.33	0.31	0.92	1.91	1.59	0.87	2.23	1.06	2.47	1.10	0.75	0.15	13.68
Wauneta	0.20	1.51	2.35	2.82	0.95	1.89	3.26	2.78	2.61	1.43	0.20	0.00	20.00
Weeping Water	0.10	2.05	2.65	1.77	0.55	2.90	3.03	3.31	6.07	3.91	0.32	0.25	26.91
Westpoint	1.30	0.50	2.70	2.65	1.35	1.97	3.85	3.15	4.32	1.74	2.30	0.00	26.83
Wisner	0.34	0.35	2.28	2.85	1.85	3.14	3.05	1.57	5.02	2.03	1.83	0.28	24.59
York	0.42	1.32	2.00	2.33	1.38	2.01	2.37	2.93	0.92	3.28	1.15	0.10	20.21

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Nevada.													
Arthur	2.40	1.22	2.20	5.28	1.33	1.00	2.60	1.10	0.70	3.40	1.60	0.80	23.63
Austin	0.50	.....	2.00	.....	.....	.....	.....	0.65	.....	1.60	0.40	0.60	.....
Battle Mountain	0.20	0.20	1.00	2.90	0.20	.....	0.15	0.20	0.20	1.11	0.06	0.30	.....
Beowawe	0.29	0.20	0.97	0.95	0.00	.....	.....	0.76	0.41	1.26	0.31	0.55	.....
Bishop	1.39	0.86	2.65	5.41	0.57	0.90	0.64	1.56	0.13	3.57	0.81	0.10	18.32
Caliente	0.05	0.10	1.40	1.00	0.00	0.10	0.32	0.00	0.00	1.16	0.00	0.15	4.28
Carlin	0.02	0.00	0.14	0.06	0.00	.....	.....	0.27	0.28	0.84	0.93	0.97	.....
Carson Dam	0.15	T.	.....	0.15	0.43	0.56	0.27	0.18	0.30	0.51	0.00	0.00	.....
Cherry Creek	0.37	0.14	2.53	1.28	0.60	0.04	1.16	0.61	0.42	2.25	0.40	0.33	10.40
Clover Valley	0.95	1.37	1.18	1.14	0.51	0.72	1.94	1.17	0.52	2.97	1.74	0.98	15.01
Columbia	0.15	0.00	1.41	0.67	0.17	0.00	0.39	0.00	0.10	0.91	0.42	0.06	4.28
Dry Farm	1.21	0.49	2.63	3.45	1.47	0.75	1.39	.....	0.00	3.00	1.02	0.28	.....
Elko	0.46	0.26	.....	.....	.....	1.02	1.25	0.59	0.40	2.24	0.89	0.26	.....
Ely	0.21	0.11	1.96	0.48	0.11	0.22	0.72	0.15	0.14	1.38	0.57	0.10	6.15
Eureka	0.72	0.13	4.05	2.33	0.80	0.69	3.38	0.53	0.65	4.40	0.87	0.69	19.24
Fallon	0.13	0.06	0.37	0.87	0.43	0.22	0.13	0.18	0.43	1.10	0.08	T.	4.00
Fernley	0.21	T.	T.	0.36	0.43	0.26	0.81	0.70	0.34	0.06	0.00	T.	3.17
Gardnerville	.....	.....	.....	.....	.....	0.30	0.38	T.	0.61	.....	0.13	0.00	.....
Gerlach	.....	.....	.....	.....	.....	.....	0.38	0.30	.....	0.20	0.43	0.20	.....
Geyser	0.20	0.00	2.20	.....	T.	0.20	0.21	.....	T.	0.24	.....	0.00	.....
Glenbrook	1.60	T.	1.95	2.35	.....	.....	.....	.....	1.43	0.25	2.30	1.00	.....
Golconda	T.	0.10	0.61	0.89	0.53	0.27	0.08	0.40	0.07	0.79	0.39	0.20	4.33
Halleck	0.30	T.	0.33	1.32	0.41	0.47	1.10	0.91	.....	2.02	T.	T.	.....
Hawthorne	.....	0.00	0.35	0.35	0.47	0.43	0.23	0.00	0.00	1.19	0.13	.....	.....
Jean	0.00	0.00	.....	0.27	0.10	T.	0.46	0.20	0.00	0.30	0.00	0.00	.....
Lahontan	0.20	0.03	0.12	0.21	0.32	0.28	0.27	0.33	0.17	0.46	0.01	T.	2.40
Lewers Ranch	1.95	0.00	2.95	1.60	1.92	0.50	0.30	0.20	2.20	0.32	3.10	0.85	15.89
Lida	.....	.....	.....	.....	.....	.....	.....	0.00	T.	1.95	0.35	0.00	.....
Logan	0.00	0.00	1.88	0.63	0.06	0.94	0.44	0.00	0.00	1.57	0.10	T.	5.62
Lovelocks	0.25	0.01	0.34	.....	0.16	0.30	0.36	0.17	0.98	.....	.....	.....	.....
McDermitt	.....	.....	.....	.....	.....	.....	0.15	0.15	0.97	.....	.....	.....	.....
Massacre Lakes	0.28	0.16	1.41	0.85	0.58	0.97	0.18	0.07	0.42	0.20	.....	.....	.....
Mill City	0.20	0.08	0.53	0.25	0.25	0.75	0.25	T.	0.75	0.40	0.65	0.07	4.18
Millett	0.69	0.05	0.96	0.59	0.29	T.	0.88	0.10	0.20	1.29	0.20	0.00	5.25
Mina	0.00	0.00	0.40	.....	0.25	0.00	T.	0.00	0.00	1.00	.....	0.00	.....
North Fork	0.90	3.20	1.54	1.43	1.25	0.84	0.57	0.27	0.42	0.94	2.95	0.63	14.94
Oasis Ranch	.....	.....	.....	.....	.....	.....	0.64	0.00	T.	0.66	0.00	T.	.....
Potts	0.05	0.03	0.28	1.30	0.48	0.20	0.85	0.20	T.	0.93	0.22	T.	4.54
Quin River Ranch	0.20	0.01	.....	0.14	0.07	0.07	0.05	0.11	0.29	0.88	0.70	0.08	.....
Rebel Creek	0.60	0.75	1.46	1.65	1.40	0.84	0.54	0.38	0.70	1.29	0.91	0.13	10.65
Reno	0.44	0.01	0.83	0.49	0.26	0.47	0.58	0.96	0.39	0.04	0.10	0.09	4.66
San Jacinto	0.25	0.82	.....	1.15	.....	.....	0.09	0.05	0.00	.....	0.06	0.10	.....
Skelton	0.96	0.59	2.00	2.69	1.37	1.11	1.57	0.80	0.37	3.99	1.54	0.63	17.62
Smith	0.34	T.	0.34	0.54	0.38	0.62	0.77	0.25	0.08	1.42	0.08	0.10	4.92
Soda Lake	0.21	T.	.....	0.34	0.35	.....	0.25	.....	0.29	0.61	.....	T.	.....
Spooners Ranch	1.49	T.	1.72	0.74	0.95	4.05	0.12	T.	1.90	0.90	0.65	1.10	13.62
Sweetwater	T.	T.	0.40	.....	.....	.....	.....	0.00	0.00	0.45	T.	0.60	.....
Tecoma	0.45	0.05	0.28	0.04	T.	0.38	0.25	0.73	0.33	2.05	0.54	T.	5.10
Tonopah	0.03	0.02	0.78	0.58	0.15	0.02	1.34	0.00	0.01	1.03	0.10	T.	4.06
Wells	0.55	0.09	0.25	.....	0.12	0.75	1.26	0.90	0.00	2.85	0.43	0.00	.....
Willow Point	T.	T.	0.07	0.22	0.07	1.00	0.24	0.00	0.48	0.00	1.10	T.	3.18
Winnemucca	0.36	0.41	0.72	0.70	0.52	1.14	0.52	0.13	0.34	1.35	0.92	0.27	7.38
New Hampshire.													
Alstead Center	1.80	1.58	4.56	3.12	5.21	1.96	3.85	8.19	5.05	4.16	3.45	3.66	46.59
Benton	2.99	2.21	4.48	3.26	5.24	1.47	2.70	5.26	4.40	3.45	2.71	3.35	41.52
Bethlehem	2.39	1.76	2.89	2.97	6.27	2.05	2.74	5.92	6.12	1.32	2.43	2.64	39.50
Concord	2.59	1.66	4.89	2.58	4.70	1.06	2.43	3.39	3.14	2.54	3.74	3.71	36.43
Durham	3.64	2.29	4.69	1.23	4.39	0.20	4.14	2.95	3.03	2.58	2.30	3.84	35.28
Franklin	2.64	2.01	5.09	3.08	5.27	1.22	2.66	3.06	5.09	3.21	4.12	3.84	41.29
Grafton	2.02	1.49	3.85	2.38	5.35	1.25	2.55	5.45	4.09	3.60	3.77	3.12	38.92
Hanover	2.35	1.27	3.23	2.51	7.00	0.62	2.69	3.52	4.19	4.70	2.30	2.60	36.98
Keene	1.91	1.58	4.64	3.05	4.32	1.72	2.77	4.10	4.86	2.24	3.12	3.93	38.24
Nashua	3.29	2.31	5.69	3.41	4.05	0.26	5.43	2.34	1.49	1.77	3.08	3.82	36.94
Newton	2.55	2.23	5.46	3.45	3.96	0.12	4.87	2.51	2.90	1.84	3.30	3.84	36.99
Plymouth	2.41	1.71	4.20	3.01	4.69	1.11	3.21	5.38	3.16	3.91	3.54	3.47	39.80
New Jersey.													
Asbury Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Atlantic City	3.92	2.28	6.97	2.59	3.06	3.61	5.91	3.21	4.14	1.72	2.86	4.23	44.52
Bayonne	2.11	2.47	7.55	3.95	4.34	1.99	3.46	3.52	4.27	4.94	4.20	5.13	47.93
Belvidere	2.02	2.24	7.02	6.02	3.83	1.62	2.15	5.50	6.01	4.28	2.91	5.77	49.37
Bergen Point	2.36	1.59	7.33	4.56	4.24	2.26	4.14	3.72	.....	4.80	8.12	5.34	.....
Boonton	2.16	1.68	7.82	3.32	4.80	1.96	2.03	6.31	3.92	3.46	4.15	5.69	47.30
Bridgeton	2.80	2.41	6.98	3.02	3.40	2.53	3.91	1.28	4.10	1.78	2.02	3.86	38.09
Burlington	3.17	2.69	8.06	2.67	3.83	1.47	4.61	3.06	4.92	3.66	3.42	5.08	46.64
Cape May City	3.69	1.96	5.95	1.81	3.34	1.28	3.58	1.93	3.84	2.05	2.74	3.77	35.94
Charlottebury	2.90	2.88	7.12	3.93	4.60	2.65	2.10	7.62	4.66	3.69	4.65	5.24	51.34
Chatham	3.10	2.60	9.05	3.28	4.10	2.05	3.71	4.30	5.55	4.30	3.85	4.55	50.44
Clayton	4.62	2.42	8.36	3.22	3.75	2.62	8.73	1.99	5.47	2.78	2.66	5.07	51.69
Culvers Lake	2.17	2.50	6.18	4.22	3.90	1.60	2.67	5.62	5.92	3.68	3.66	4.00	46.12
Dover	2.02	3.12	8.01	3.81	4.14	2.06	1.91	5.94	5.63	5.22	4.88	6.33	53.07
Elizabeth	2.67	.....	.....	.....	.....	1.68	4.00	2.70	5.37	3.19	4.11	5.56	.....
Flemington	1.97	2.73	8.38	3.94	3.14	2.26	3.28	5.23	4.12	2.97	3.15	5.07	46.24
Haddonfield	2.66	2.65	7.88	3.54	5.40	1.58	4.68	2.35	5.12	3.07	2.41	5.34	46.68
Hammonton	4.15	2.35	8.09	3.67	3.23	2.00	6.43	1.72	4.53	3.25	3.19	4.75	47.36
Hightstown	2.61	2.72	7.97	4.14	3.93	1.64	2.81	3.11	.....	1.86	2.92	3.40	.....
Highwood	2.17	2.50	8.81	3.24	4.41	1.35	1.27	2.82	4.61	4.26	4.26	4.69	44.39
Imlaystown	.....	2.23	6.41	3.05	3.13	1.53	4.54	2.59	2.68	1.94	2.77	3.40	.....
Indian Mills	3.76	2.63	8.21	3.16	3.40	2.47	8.06	3.63	4.06	2.89	2.89	5.80	50.96
Jersey City	2.24	2.72	7.26	3.29	5.38	1.36	3.54	2.89	4.38	5.48	3.29	4.53	46.36
Lakewood	2.80	2.85	.....	2.89	3.99	2.04	5.70	1.90	3.12	2.47	3.69	4.89	.....
Lambertville	2.13	2.47	7.85	3.91	4.64	2.27	2.44	3.00	3.63	2.91	3.50	5.18	43.93
Layton	.....	2.66	.....	4.06	4.26	0.91	1.01	4.13	4.79	3.37	2.39	.....	.....

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New Jersey—Continued.													
Little Falls	2.11	1.80	6.48	3.13	3.80	2.25	3.43	3.90	3.95	3.53	4.35	4.63	43.36
Long Branch	2.85	2.93	9.03	4.41	6.47	1.12	4.33	3.04	3.46	6.95	3.82	5.49	53.90
Mahwah	.....	.....	7.52	3.74	4.88	1.74	2.10	5.42	4.80	3.19	5.01	.....	.....
Moorestown	.....	.....	.....	3.27	5.43	2.09	5.79	4.34	4.66	3.39	2.95	5.18	.....
Newark	2.34	2.72	8.45	3.18	4.12	1.65	4.21	3.30	4.97	3.59	4.22	5.34	48.09
New Brunswick	2.73	2.95	9.18	4.13	5.57	2.03	2.61	3.46	3.45	3.03	4.00	5.00	48.14
Newton	2.14	2.14	6.75	4.93	3.36	1.22	2.81	5.55	5.31	3.79	2.54	4.92	45.46
Northfield	3.56	2.33	7.63	2.65	3.56	2.41	4.63	2.48	4.07	2.74	3.14	4.08	43.28
Paterson	2.02	2.16	7.78	2.96	4.48	2.22	1.82	4.61	4.35	3.15	3.71	4.40	43.66
Phillipsburg	1.98	2.43	7.14	3.74	2.79	2.45	2.74	4.43	5.48	3.41	3.13	4.09	44.41
Plainfield	2.88	2.56	8.19	3.91	4.34	2.33	5.49	4.09	4.54	3.63	3.52	5.30	50.78
Pleasantville	4.02	2.54	7.80	2.45	3.56	2.08	6.67	2.88	3.66	3.19	3.16	3.69	45.70
Pompton Plains	2.51	2.23	8.30	3.39	4.70	2.03	3.34	5.68	4.43	3.82	4.69	5.04	50.16
Somerville	2.27	2.51	8.17	4.58	3.59	2.70	3.74	3.31	4.44	2.47	3.51	5.06	46.35
South Orange	3.17	2.36	8.05	2.77	3.90	1.37	3.29	1.90	4.10	2.73	3.80	4.23	41.67
Sussex	1.73	2.57	6.10	5.01	4.08	1.18	2.22	4.24	6.76	2.85	3.00	4.11	43.85
Trenton	3.21	3.05	8.57	3.77	4.47	2.30	3.21	1.71	2.90	2.57	3.73	4.23	43.72
Tuckerton	4.08	2.59	9.62	3.41	4.97	3.08	6.25	2.55	3.38	1.88	4.23	4.06	50.10
Vineland	3.38	2.71	7.28	3.55	3.15	2.00	6.54	1.19	5.24	2.33	3.58	4.51	45.46
Woodbine	3.51	2.65	7.17	3.00	3.25	2.47	9.91	2.94	5.06	2.45	2.80	3.84	49.05
New Mexico.													
Abbott	0.00	2.21	0.61	0.73	2.20	4.39	0.19	1.86	[1] 0.85	T.	0.00	0.14	[1] 13.18
Agricultural College	T.	0.08	0.30	0.80	0.08	0.12	0.48	5.04	0.70	0.98	0.32	0.30	9.20
Alamogordo	0.00	0.71	0.47	0.50	0.17	0.55	0.15	4.31	0.89	1.60	0.00	0.71	10.06
Alamogordo (near)	0.04	0.61	0.47	0.55	0.14	0.46	0.22	4.11	1.00	1.56	T.	0.45	9.61
Alamos Ranch	T.	0.81	1.33	0.67	1.23	4.53	1.46	3.20	0.25	1.34	0.00	0.70	15.52
Albert	0.00	0.95	0.98	1.26	3.65	3.53	0.92	0.84	1.49	T.	0.00	0.08	13.70
Albuquerque	0.02	0.19	0.74	0.13	0.30	0.64	2.39	0.63	0.29	0.29	0.00	0.47	6.09
Alma	0.00	0.10	3.76	0.48	0.08	2.69	3.55	2.39	0.43	2.36	0.00	0.98	16.82
Ancho	0.06	0.60	0.75	0.33	0.41	3.52	2.08	3.77	0.90	0.53	0.02	0.23	13.20
Anchor Mine	1.37	1.78	9.26	7.30	1.64	2.50	5.00	2.54	0.80	2.07	1.44	0.96	36.66
Aragon	0.00	0.60	3.37	0.90	T.	2.00	3.51	0.65	0.30	1.42	0.08	0.51	13.34
Artesia	T.	0.42	0.03	0.09	0.15	1.17	1.97	0.58	2.77	0.79	0.70	0.85	9.52
Aspen Grove Ranch	0.52	0.86	4.49	1.69	0.46	1.52	3.35	2.64	0.46	1.46	0.35	0.63	18.43
Aurora	0.39	0.65	2.25	1.15	0.80	3.72	3.29	4.00	1.46	0.60	0.10	0.48	18.89
Aztec	0.03	0.22	1.12	0.25	T.	0.56	1.53	2.05	T.	0.78	T.	0.25	6.79
Banks	0.00	1.15	0.19	0.62	.....	.....	.....	.....	.....	.....	.....	.....	.....
Batemans Ranch	0.83	0.91	5.98	1.11	0.40	1.40	3.55	1.42	1.07	1.71	1.08	0.60	20.06
Bell Ranch	T.	1.10	0.37	0.82	2.01	1.85	2.23	3.50	1.79	0.11	0.00	0.25	14.03
Bergers Ranch	T.	0.08	3.80	1.82	T.	1.38	2.98	3.44	0.00	2.25	0.03	0.23	16.01
Berino	0.00	T.	0.34	1.30	0.00	0.24	0.89	7.05	1.68	0.85	0.85	0.35	13.55
Black Lake	T.	0.37	1.14	0.39	0.95	2.41	3.15	2.93	0.85	1.37	0.36	0.35	14.27
Black Rock	0.05	0.09	0.99	0.21	0.00	0.56	2.71	1.26	0.09	1.09	0.08	0.07	7.20
Bloomfield	0.03	0.26	1.05	0.57	T.	0.92	0.67	1.21	0.08	1.45	0.25	0.33	6.82
Bluewater	T.	0.31	0.53	0.67	T.	0.30	1.14	1.78	T.	0.25	T.	0.16	5.14
Boaz	0.01	0.25	0.21	0.07	0.72	1.81	0.64	3.53	2.61	1.31	0.10	0.43	11.69
Cabaza	T.	1.47	0.08	2.34	2.36	1.86	3.33	3.91	1.97	0.05	0.00	0.07	17.44
Cambray	0.00	0.08	0.91	0.96	0.00	1.04	1.87	5.58	0.15	1.95	0.30	0.31	13.15
Campana	0.00	1.49	0.38	0.95	2.76	1.46	1.30	2.03	1.93	0.25	0.00	0.28	12.83
Capitan	0.00	0.96	0.85	0.77	0.64	5.10	2.90	3.54	2.85	0.38	0.36	0.84	19.19
Carlsbad	0.00	0.45	0.30	0.54	0.19	2.72	0.93	1.93	3.18	0.77	0.85	0.82	12.68
Carrizozo	T.	0.92	0.40	0.56	0.08	1.78	1.38	4.07	1.61	0.43	T.	0.31	11.54
Cerrillos (near)	[1] 0.04	0.68	0.69	0.50	0.50	2.82	2.37	2.14	0.05	0.30	T.	0.11	[1] 10.20
Chacon	1.90	0.52	2.28	1.36	1.50	2.50	3.02	3.76	3.62	1.48	0.00	0.49	22.43
Chama	0.79	0.60	3.76	2.39	0.76	1.09	2.10	2.36	0.59	2.02	0.16	0.33	18.95
Cimarron (near)	T.	0.48	1.97	0.67	2.31	2.66	1.36	2.20	1.14	1.25	0.00	0.11	14.15
Cliff	.....	.....	.....	.....	0.05	1.20	5.38	1.50	0.10	1.58	0.00	2.05	.....
Cloudcroft	0.06	1.42	0.42	0.59	0.30	3.10	4.07	6.95	2.97	1.64	0.59	0.78	22.89
Clovis	0.00	2.05	0.33	0.20	3.05	1.07	0.78	0.26	3.72	0.37	0.00	0.07	17.95
Columbus	0.00	T.	0.65	0.86	T.	0.10	2.22	5.37	0.36	1.17	1.37	0.65	12.75
Corona	0.08	1.52	0.00	0.44	0.43	2.36	1.97	2.55	0.72	0.55	0.04	0.70	11.36
Coyote	0.04	0.67	1.24	0.37	0.45	3.07	0.69	2.24	0.77	0.74	0.05	0.28	10.61
Cuervo	T.	1.46	0.11	0.30	0.23	0.70	1.03	1.45	0.93	T.	0.00	0.25	6.46
Cundiyo	0.08	0.06	1.17	0.76	0.68	2.58	0.97	1.02	0.00	1.05	0.00	0.70	9.07
Dawson	0.04	0.74	1.08	1.30	1.63	3.22	4.11	1.39	0.70	0.98	0.00	0.18	15.37
Deming	0.00	0.48	0.89	0.68	0.00	0.88	2.00	4.04	0.00	1.76	0.00	0.40	11.13
Demonstration Farm	0.03	2.35	0.33	0.54	0.84	3.40	1.43	3.99	0.50	0.38	0.00	0.29	14.08
Dulce	.....	.....	.....	0.38	0.13	0.43	2.71	2.30	0.29	0.95	0.90	.....	.....
Duran	0.07	1.27	0.18	1.48	0.90	2.70	2.60	1.75	0.75	0.55	0.20	0.43	12.86
Elizabethtown	0.10	0.57	3.36	0.48	1.32	1.62	2.87	1.88	1.06	1.56	0.22	0.02	15.06
Escondido	T.	0.39	0.23	0.95	0.00	0.25	0.68	2.76	1.21	1.19	0.35	0.56	8.57
Española	0.12	0.56	1.11	0.45	1.42	1.82	1.73	1.10	0.03	0.25	0.18	0.28	9.05
Estancia	0.15	1.40	0.58	.....	.....	.....	.....	.....	.....	0.16	0.06	0.35	.....
Folsom	T.	2.06	0.56	2.04	3.05	4.70	1.94	3.56	1.19	0.33	0.99	0.12	20.54
Fort Bayard	0.19	0.85	2.81	0.15	0.02	1.80	2.42	4.47	1.17	1.04	0.01	0.73	15.66
Fort Stanton	T.	0.53	0.34	0.69	0.57	5.04	2.63	4.90	2.24	1.18	0.25	0.12	18.49
Fort Sumner	.....	.....	.....	.....	.....	.....	.....	1.69	3.40	0.59	0.07	0.37	.....
Fort Union	T.	0.85	0.39	0.67	2.35	4.40	1.59	4.04	0.80	0.42	0.00	0.19	15.70
Fruitland	0.00	0.13	1.07	0.52	T.	0.32	2.29	0.60	0.01	1.55	T.	0.12	6.61
Gage	0.02	0.25	1.40	0.90	0.00	0.00	5.75	3.26	0.00	1.23	0.00	0.80	13.61
Gallinas	0.06	0.95	0.57	1.38	0.93	1.82	1.52	3.93	1.14	0.80	T.	0.50	13.60
Gallinas Planting Station	0.14	1.50	2.22	0.55	1.86	2.33	2.32	3.76	1.02	1.05	0.16	0.58	17.49
Gila Planting Station	0.02	0.80	2.83	0.22	0.05	1.58	3.23	5.97	0.45	1.19	T.	0.40	16.74
Glorieta Ranch	0.00	0.31	1.36	0.81	0.18	2.66	1.16	2.97	0.86	0.98	0.11	2.00	13.40
G. O. S. Ranch	.....	.....	.....	.....	.....	2.13	2.91	2.76	2.02	1.13	T.	0.84	.....
Hachita	0.00	0.45	1.50	0.69	0.15	T.	3.25	4.46	0.00	1.10	0.08	3.67	15.35
Harveys Upper Ranch	0.29	1.82	2.21	1.24	[b] 1.92	3.32	3.05	4.79	0.53	1.41	0.21	0.47	21.26
Hayden	T.	1.66	0.41	2.77	2.22	1.85	3.23	3.13	1.47	0.24	0.03	0.25	17.26
Haynes	0.02	0.45	1.15	0.86	0.60	0.38	1.36	2.00	0.00	0.50	0.01	0.19	7.52
Hermanes	0.00	0.08	0.07	0.37	0.23	0.75	1.19	3.58	1.02	1.55	1.31	0.46	10.61
Hodges	0.90	0.55	3.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hondo Reservoir	T.	0.45	0.03	0.23	0.14	0.99	2.55	2.23	3.18	0.81	0.62	0.74	11.97
Hoosier Ranch	T.	2.06	0.34	0.56	3.25	2.98	0.50	2.82	1.40	0.25	0.00	0.09	14.25

[1] Partially estimated.

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New Mexico—Continued.													
Jemez Springs	T.	0.40	2.36	1.15	0.33	3.01	3.53	2.01	0.34	1.05	T.	0.40	14.58
Johnson Park	T.	1.70	1.19	2.15	2.40	3.46	2.60	1.66	0.99	0.66	0.04	T.	16.85
Johnsons Ranch	.....	.....	.....	0.95	2.46	2.34	0.58	2.90	0.92	0.20	0.00	0.21	.....
Kappus	0.00	2.55	0.30	0.79	1.67	1.96	3.23	3.49	1.49	0.20	T.	0.50	16.18
Knowles (near)	0.01	0.50	0.47	0.35	0.20	1.59	1.12	1.29	1.98	0.97	0.03	0.49	9.00
Laguna	0.00	0.36	0.36	0.40	T.	0.80	3.30	1.50	T.	1.25	0.00	0.50	8.47
Lagunita	T.	1.63	0.02	0.14	0.68	1.64	1.23	2.08	1.32	0.15	0.00	0.24	9.13
Lake Alice	.....	.....	1.25	2.86	.....	.....	.....	.....	.....	.....	0.55	0.08	.....
Lake Valley	T.	0.11	2.13	1.50	0.03	0.93	1.75	4.00	1.89	1.33	0.05	0.95	14.67
Lakewood (near)	0.00	0.28	0.02	0.12	0.21	1.50	0.86	0.61	4.15	0.98	0.65	0.37	9.75
Las Vegas	0.02	2.07	0.63	0.70	1.87	3.85	3.19	4.20	2.50	0.49	T.	0.18	19.70
Liston	0.04	1.29	0.10	0.65	0.91	2.03	1.07	1.03	2.96	0.75	0.00	1.85	12.68
Logan	0.00	2.20	0.69	0.98	1.59	1.80	3.90	4.21	0.85	0.08	0.00	0.35	16.65
Lordsburg	T.	1.15	2.14	0.07	0.06	0.51	4.19	2.14	0.00	1.07	0.18	2.64	14.15
Los Lunas (near)	0.00	0.61	1.06	0.18	0.22	1.78	0.97	0.10	0.25	0.30	0.00	T.	5.47
Luna	T.	0.60	3.56	0.25	T.	0.80	3.39	1.52	0.42	1.19	0.57	1.25	13.55
Lykins (near)	0.08	1.31	0.15	0.90	2.29	3.17	1.72	2.67	2.91	0.77	0.00	0.52	16.49
Magdalena	T.	0.80	0.10	1.06	0.13	2.19	3.55	4.15	0.10	0.84	0.30	0.76	13.98
Maxwell (near)	0.00	0.28	0.86	0.90	2.08	1.58	1.09	2.17	0.56	0.45	0.00	0.19	10.16
Melrose	0.00	1.36	0.34	0.53	2.57	1.84	0.77	1.71	2.74	0.16	0.00	0.33	12.35
Mescalero	0.04	1.08	1.36	0.81	0.20	1.51	2.29	5.73	2.59	1.61	0.05	0.49	17.76
Miami Ranch	0.07	1.09	1.53	0.76	1.76	3.12	1.19	2.14	0.45	0.77	0.00	0.23	13.11
Mills (near)	0.00	1.49	1.67	1.06	2.80	3.21	1.91	2.92	1.13	0.33	0.00	0.10	16.62
Mimbres	0.00	0.54	2.44	0.20	0.08	2.15	4.81	3.95	2.94	1.51	0.00	0.37	18.99
Mineral Hill	0.17	1.15	2.06	1.68	0.79	4.71	1.69	3.43	0.94	0.97	0.04	0.53	18.16
Monterey	0.05	0.50	0.45	0.63	T.	0.97	0.57	3.44	0.92	1.07	T.	0.22	8.82
Montoya	0.10	1.47	T.	0.45	1.51	2.10	0.18	2.50	0.96	T.	0.00	0.36	9.63
Mountainair	T.	1.38	0.77	0.24	0.32	2.30	4.15	1.62	1.78	0.64	0.30	1.22	14.72
Mountain Park	0.00	0.87	1.78	1.09	0.43	2.14	2.16	5.72	2.28	2.03	0.08	0.04	18.62
Mount Dora (near)	0.00	0.70	0.24	2.20	2.40	3.32	2.14	3.35	0.42	.....	.....	.....	.....
Nara Visa	0.00	0.71	0.57	1.31	2.27	.....	.....	.....	.....	.....	.....	.....	.....
Newman	0.00	0.00	0.20	1.32	0.07	0.87	1.32	5.36	4.20	1.00	1.75	0.34	16.43
Noria	0.00	T.	0.54	1.05	0.10	0.33	1.62	4.16	0.41	0.96	0.20	0.40	9.77
Orogrande	0.06	0.14	0.26	0.52	T.	1.46	0.98	4.33	1.93	1.95	0.18	0.42	12.23
Oscura (No. 1)	0.01	0.69	0.71	0.90	0.06	2.07	0.57	3.85	0.66	1.10	0.00	0.89	11.51
Oscura (No. 2)	T.	0.54	0.89	0.76	0.08	1.92	1.33	3.38	0.55	0.82	T.	1.06	11.33
Otis	T.	0.34	0.13	0.69	0.26	2.59	1.31	1.50	3.59	0.92	1.31	0.92	13.56
Otto	0.25	1.58	1.22	1.02	0.26	3.46	3.25	2.79	0.03	0.45	0.07	0.10	14.48
Palo Verde	T.	1.92	0.35	0.78	3.15	2.65	0.80	2.81	1.58	0.21	0.00	0.22	14.47
Pasamonte	0.00	0.90	0.12	1.58	2.74	2.24	3.78	1.95	0.71	0.41	0.00	0.16	14.59
Pastura	0.08	3.00	0.17	0.33	0.62	3.85	1.53	2.29	0.50	0.02	0.02	0.42	12.83
Pinos Altos (near)	0.07	0.86	5.69	0.60	0.15	1.95	4.30	5.42	1.78	1.29	T.	1.55	23.66
Placitas (near)	0.09	1.89	2.14	0.87	0.75	3.18	5.03	4.59	0.12	1.71	0.08	0.93	21.38
Plainview (near)	T.	0.37	0.42	0.61	1.54	0.75	0.53	2.34	2.02	1.02	0.15	0.52	10.27
Pleasant View	0.00	0.95	0.27	1.34	2.34	2.62	0.61	2.96	0.82	0.06	0.00	0.22	12.19
Portales	0.00	1.45	0.12	0.69	1.35	1.76	0.92	3.66	3.95	0.31	0.00	0.40	14.61
Pratt	0.00	0.58	1.00	0.04	0.00	0.48	1.56	2.73	1.20	0.75	0.28	0.93	9.55
Putnam	.....	.....	.....	.....	.....	.....	.....	0.30	0.00	0.17	0.00	T.	.....
Raton	0.12	0.86	0.90	2.63	2.45	3.87	1.64	1.93	1.83	0.52	T.	T.	16.75
Red River Canyon	0.37	0.96	6.36	3.71	1.41	1.50	3.40	1.70	1.20	0.78	0.63	0.30	22.32
Redrock	0.08	0.87	2.40	T.	0.00	0.36	3.51	2.47	T.	1.07	T.	0.98	11.74
Rincon	0.00	0.34	0.39	0.94	T.	2.65	2.26	2.79	2.35	1.91	0.00	1.28	14.91
Rio Grande Dam	T.	0.20	0.71	1.07	T.	0.53	2.51	3.08	0.23	0.88	T.	1.74	10.95
Rio Grande Industrial School	T.	0.14	0.74	0.03	0.35	1.15	1.19	0.58	0.48	0.27	0.00	0.10	5.03
Rociada	0.04	1.74	1.02	0.64	2.08	2.74	0.75	2.55	1.89	1.32	0.34	0.65	15.76
Rodeo	0.00	0.30	1.79	0.05	0.00	0.73	1.50	2.23	0.10	0.77	0.28	1.04	8.79
Rosebud	0.00	0.68	0.90	3.29	1.79	2.16	3.11	2.23	0.94	T.	0.00	T.	15.10
Rosedale	T.	0.25	1.58	1.58	0.85	3.42	3.52	5.52	1.32	1.47	0.37	1.65	21.53
Roswell	0.03	1.32	0.04	0.15	0.34	1.21	1.94	2.80	2.67	0.87	0.43	1.10	12.90
Roy	T.	1.61	0.40	0.98	3.07	4.13	0.96	3.50	2.02	0.10	0.00	0.23	17.00
Roy (near)	0.00	1.62	0.35	0.64	1.92	3.11	1.87	3.27	1.00	0.17	0.00	0.15	14.10
St. Vrain (near)	0.00	2.20	0.00	0.12	4.10	2.00	T.	3.00	2.35	0.48	0.00	0.70	14.95
San Jon	T.	1.89	0.11	1.03	2.32	1.53	2.98	2.33	1.47	0.11	0.00	0.47	14.24
San Marcial	0.00	0.44	0.74	0.45	0.06	2.37	2.14	1.99	0.39	0.23	0.03	0.64	9.48
San Rafael	T.	0.26	1.37	0.60	T.	1.36	1.57	2.15	T.	1.29	T.	0.60	9.20
Santa Fe	0.03	0.40	1.85	0.43	0.99	2.21	1.49	1.15	0.08	0.84	0.03	0.79	10.29
Santa Fe Canyon	0.03	0.65	2.14	0.96	1.41	1.41	3.74	2.79	0.37	1.77	0.12	0.44	15.83
Santa Rosa (No. 1)	T.	1.47	0.36	0.47	0.94	2.65	2.38	1.04	0.81	0.27	0.00	0.20	10.59
Santa Rosa (No. 2)	0.00	0.77	0.43	0.55	0.98	3.26	3.00	0.97	1.09	0.01	0.00	0.38	11.48
Senorito (near)	.....	.....	.....	.....	.....	1.65	2.29	2.58	0.15	0.63	0.37	0.46	.....
Silver City	0.10	0.70	2.83	0.27	0.02	2.28	5.40	1.28	0.41	0.80	T.	2.35	16.44
Socorro	0.00	0.86	0.64	0.84	0.13	1.32	0.75	2.39	0.06	0.37	0.00	0.65	8.01
Solano (No. 1)	0.00	2.76	0.58	0.90	2.61	2.92	0.64	3.26	0.77	0.85	0.00	0.30	15.59
Solano (No. 2)	0.00	2.95	0.55	0.96	2.68	2.83	0.60	2.88	0.71	0.28	0.00	0.32	14.76
South Fork	.....	.....	.....	.....	1.62	2.72	2.47	2.48	0.90	0.65	.....	.....	.....
Springer	0.02	0.48	0.61	0.13	1.35	2.29	1.77	1.77	0.75	0.35	0.00	0.18	9.70
Stanley	0.01	0.66	1.14	0.69	0.47	2.32	1.51	3.57	0.01	0.44	T.	0.20	11.02
Strauss	0.00	T.	0.47	0.91	0.00	0.15	1.56	5.24	1.40	0.68	0.88	0.50	11.79
Tajique (near)	.....	.....	1.85	1.19	0.00	3.68	4.76	3.79	0.22	1.60	0.28	1.40	.....
Taos	0.06	0.29	3.00	0.93	0.77	1.97	0.90	0.95	0.38	0.28	0.20	0.04	9.77
Taos Canyon	0.79	0.97	3.62	1.14	0.72	1.83	3.30	1.75	0.04	1.88	0.48	0.29	16.81
Taylor	0.00	0.51	0.24	0.56	2.69	2.24	0.77	3.35	0.50	0.10	0.00	0.15	11.11
Tecolote	0.15	2.84	0.25	0.21	0.69	1.86	0.95	1.27	0.24	0.81	0.48	0.96	10.71
Texico (near)	.....	.....	.....	.....	.....	.....	.....	.....	3.99	0.53	0.00	0.50	.....
Three Rivers	0.07	0.67	0.62	0.49	T.	1.29	0.97	4.13	1.03	1.04	0.16	0.65	11.12
Tijeras Canyon	0.08	0.83	1.58	0.39	0.45	2.41	2.45	2.14	0.17	0.83	0.05	0.28	11.66
Torrance	0.14	1.92	0.53	0.51	0.70	2.63	2.36	3.35	0.40	0.10	0.02	0.75	13.41
Trementina	0.01	1.39	0.81	0.68	3.30	0.92	1.46	1.27	0.94	0.06	0.00	0.27	11.11
Tres Piedras	0.29	0.57	1.32	0.67	0.88	1.27	1.79	1.09	0.33	0.96	T.	0.25	9.42
Truchas	0.11	0.50	2.18	1.26	1.10	2.09	1.34	2.34	0.33	1.52	0.71	0.62	14.10
Tucumcari (No. 1)	0.00	2.40	0.15	1.01	1.50	1.57	3.11	3.74	1.16	0.10	0.00	0.13	14.87
Tucumcari (No. 2)	0.06	1.51	0.40	0.63	1.53	1.04	2.99	3.74	0.81	0.09	0.00	0.29	13.09
Valley	0.14	2.49	1.30	1.60	4.00	4.36	4.11	4.49	1.74	0.30	0.29	0.23	25.05
Vance (near)	0.00	2.04	0.29	2.54	2.03	4.05	1.77	3.56	1.14	0.32	0.00	0.04	17.78
Vaughn	0.16	2.10	0.10	0.90	0.51	2.28	2.10	2.08	1.73	0.20	0.16	0.46	12.78
Vermejo Park	T.	0.54	0.87	0.70	1.51	3.35	5.61	4.22	0.88	0.35	T.	0.06	18.09

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New Mexico—Continued.													
Virsylvia	0.20	0.24	1.18	2.23	1.18	1.28	2.91	2.36	0.16	0.87	0.04	0.23	12.88
Wagon Mound (near)	0.00	2.51	0.34	1.00	1.56	5.07	1.51	3.01	0.44	0.02	0.00	0.26	15.72
Willard	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.17	0.10	0.25	.....
Winsors Ranch	0.83	0.90	3.33	1.25	1.25	3.95	1.70	3.54	0.30	0.60	0.00	0.50	18.15
New York.													
Adams Center	6.17	5.47	2.92	2.99	9.27	0.98	2.38	4.25	6.78	2.46	6.09	3.82	53.58
Addison	0.89	2.38	2.91	4.32	4.19	1.76	3.64	5.58	6.48	1.56	2.64	1.32	37.67
Albany	1.10	1.56	3.71	3.31	4.48	0.98	3.13	3.00	3.01	3.37	2.08	2.39	32.12
Allegany	3.14	1.78	2.76	4.52	2.39	1.67	2.61	6.15	3.91	3.06	2.20	3.26	37.45
Amsterdam	1.89	2.57	3.52	3.32	3.05	1.86	2.93	2.50	5.04	5.43	3.73	2.45	38.29
Angelica	2.49	1.70	3.38	4.48	1.89	1.17	2.42	4.93	3.41	2.81	2.32	1.94	32.94
Appleton	2.26	0.64	1.50	3.00	4.54	0.84	1.33	3.52	2.31	3.92	2.88	1.38	28.12
Athens	1.35	2.12	5.17	4.24	4.68	0.58	1.15	5.85	2.40	3.83	2.82	3.22	37.41
Auburn	1.92	2.40	5.22	4.68	5.84	0.62	3.17	3.89	8.23	2.41	4.27	2.54	45.19
Bainbridge	1.34	1.40	2.80	3.91	3.34	1.07	1.44	5.29	4.63	2.90	3.76	2.69	34.57
Ballston Lake	1.71	1.49	4.24	2.93	4.01	1.27	1.91	3.86	4.96	4.92	2.86	2.59	36.75
Bedford	2.09	1.71	7.86	4.06	4.14	2.61	2.03	3.17	3.61	4.21	4.11	4.55	44.15
Beerston	1.54	2.28	4.36	5.58	2.58	1.15	3.41	5.10	4.02	4.14	2.90	3.12	40.18
Binghamton	1.29	1.56	3.37	4.19	3.80	1.20	2.90	7.72	5.42	1.83	3.08	1.57	37.93
Boonville	3.19	3.75	2.19	4.45	6.34	0.83	2.13	3.23	6.85	3.40	4.45	3.70	44.51
Bouckville	2.18	2.88	2.13	5.10	3.87	1.63	1.62	4.65	4.66	2.17	3.94	2.57	37.40
Buffalo	3.00	2.13	2.51	3.39	3.50	0.83	1.41	4.00	3.31	4.25	2.68	2.21	33.22
Canton	2.59	2.68	2.08	2.46	6.33	1.57	1.82	4.44	4.40	2.33	6.50	2.55	39.75
Cape Vincent	3.29	2.25	1.71	3.27	5.80	1.24	3.08	4.14	5.35	3.26	4.18	1.84	39.45
Carmel	1.88	2.75	7.60	3.99	5.91	1.34	3.21	4.90	3.50	4.48	4.25	4.39	48.20
Chatham	2.19	1.45	3.84	4.52	4.75	1.12	1.54	3.32	3.23	4.68	2.77	3.05	36.43
Chazy	0.75	2.15	2.17	1.58	6.38	1.50	5.14	4.64	5.42	1.64	2.73	0.23	34.38
Cooperstown	1.93	2.71	4.41	3.81	2.99	1.44	3.93	6.09	7.85	4.93	3.98	3.05	47.12
Cortland	1.92	2.19	2.78	3.49	3.38	1.72	2.97	5.31	5.66	2.06	3.57	2.22	37.27
Cutchogue	3.26	4.74	8.98	6.08	4.32	0.29	3.90	3.23	1.68	1.45	3.89	7.20	49.02
Dannemora	1.23	2.07	2.08	2.29	5.16	1.42	3.83	4.58	5.34	3.17	3.71	1.57	36.45
De Ruyter	1.77	2.75	1.90	2.88	4.24	1.97	3.23	4.77	5.53	2.84	5.16	2.65	36.69
Elba	3.90	2.30	2.20	2.89	4.01	0.52	1.74	3.79	2.00	1.89	1.49	3.80	30.53
Faust	1.68	1.44	3.05	3.11	6.66	1.23	2.89	4.13	6.62	2.98	4.95	2.51	41.25
Fayetteville	0.87	2.55	3.31	4.19	4.94	0.79	2.69	4.31	4.77	2.84	4.08	3.39	38.73
Gabriels	1.51	2.80	2.10	3.30	5.55	1.85	3.80	3.45	6.23	2.20	3.73	2.57	39.09
Glens Falls	1.81	1.35	4.87	3.34	5.47	0.36	3.74	3.41	5.57	4.73	3.96	3.17	41.78
Gloversville	2.75	2.68	3.19	4.64	3.30	1.49	2.71	3.68	6.88	4.28	3.89	3.17	42.66
Greenwich	1.84	1.75	5.49	3.41	4.55	1.00	2.57	3.03	4.12	4.33	2.62	3.39	38.10
Hancock	1.49	1.89	3.83	5.88	3.23	1.40	2.87	5.12	4.13	3.49	3.23	2.63	39.19
Harkness	0.74	2.03	2.33	2.25	4.81	0.42	3.66	3.49	5.57	2.37	3.76	0.19	31.62
Haskinville	2.08	1.23	2.28	3.79	3.57	1.51	5.45	4.05	6.79	1.88	2.23	1.21	36.07
Hoosick Falls	2.23	1.39	4.35	3.74	4.73	1.45	2.81	2.81	4.18	4.99	1.57	2.80	37.05
Hunt	2.00	2.17	2.67	3.64	2.09	0.53	3.14	3.50	4.02	1.84	1.33	1.81	28.74
Indian Lake	1.91	2.32	2.15	3.20	4.40	0.42	1.95	3.88	4.60	2.85	4.60	.....	.....
Ithaca	1.63	1.28	2.73	2.97	3.58	1.37	2.64	3.54	7.46	1.86	2.41	1.48	32.95
Jeffersonville	1.13	2.00	5.07	5.61	2.57	1.10	2.94	5.05	3.73	3.97	2.09	4.00	39.26
Lake Placid Club	3.70	2.85	2.42	3.33	6.82	1.39	6.10	4.19	6.01	2.59	4.83	4.02	48.25
Keene Valley	1.86	2.66	2.91	2.34	3.17	0.37	2.91	3.86	5.44	4.39	4.14	2.07	36.12
King Ferry	1.25	1.68	2.86	2.75	2.23	1.12	5.57	3.10	4.75	2.47	2.79	1.60	32.17
Knowelhurst	1.87	2.65	3.30	3.35	4.63	0.70	2.87	4.38	4.21	4.91	3.48	2.18	38.53
Lake George	1.98	2.10	3.87	3.48	6.20	0.56	.....	4.36	5.60	5.01	4.08	3.59	.....
Little Falls	1.43	2.48	2.42	3.18	2.94	1.13	1.57	2.04	7.52	3.20	2.57	2.31	32.79
Lockport	2.70	1.32	1.78	2.97	4.90	1.50	1.32	3.78	2.21	3.63	2.28	1.43	29.82
Mechanicsville	1.48	1.52	4.41	3.71	4.03	1.18	2.26	2.72	3.70	3.95	2.19	2.39	33.54
Mohonk Lake	0.79	2.30	6.96	4.95	3.99	1.30	3.42	3.88	3.28	4.50	1.40	4.63	41.40
Moira	3.18	2.25	2.28	3.17	8.07	1.82	2.31	3.59	7.11	1.43	6.25	2.57	44.03
Morehousville	3.27	3.22	3.18	4.92	6.14	1.10	4.26	3.13	7.91	5.01	5.07	6.02	53.13
Morrisville	2.50	3.40	3.70	5.27	3.90	1.28	2.62	4.61	5.56	2.60	.....	.....	.....
Mount Hope	1.70	2.50	7.95	3.20	5.17	2.73	5.32	3.52	4.55	2.84	3.77	5.82	49.07
Nehasane	4.17	3.72	3.39	3.79	7.23	1.07	4.29	3.60	5.09	3.61	5.22	4.17	49.35
Newark Valley	1.29	2.55	3.53	5.44	4.27	1.41	1.39	5.89	8.82	2.66	3.10	2.07	42.42
New Lisbon	1.87	2.60	4.00	4.27	2.29	1.70	2.95	4.95	5.92	3.55	3.34	2.82	40.26
New York	1.86	2.06	5.68	3.61	3.94	1.17	3.26	2.77	3.38	4.32	2.21	4.24	38.50
North Creek	1.91	3.21	2.46	3.10	4.17	0.48	2.41	3.33	3.45	4.62	4.25	1.85	35.24
Northville	2.71	2.81	4.81	3.43	3.97	0.68	2.33	3.80	5.96	3.57	3.84	3.70	41.61
Ogdensburg	1.42	2.60	1.05	2.36	4.52	3.06	1.92	4.58	4.78	2.77	4.69	1.39	35.14
Old Forge	4.55	4.81	3.90	5.04	6.88	1.70	3.33	3.75	5.07	4.30	5.32	4.59	53.24
Olean	2.59	1.87	2.44	5.08	2.62	1.35	3.52	4.11	5.23	2.92	2.42	2.56	36.71
Oneonta	1.91	2.05	4.76	3.94	2.18	0.98	1.26	5.05	3.79	2.87	3.19	2.29	34.27
Oswego	5.04	4.71	2.20	2.92	7.38	1.01	2.49	2.81	4.50	1.70	3.43	2.37	40.56
Oxford	2.40	2.67	3.90	4.75	2.71	1.54	2.06	4.11	5.64	3.86	4.33	3.32	41.29
Palermo	2.92	3.73	2.58	1.66	4.56	0.86	1.75	2.36	6.20	3.48	3.86	2.87	36.83
Perry City	1.80	1.46	2.05	3.62	2.55	1.52	2.98	3.00	6.84	1.51	3.19	0.89	31.41
Philadelphia	2.33	2.56	2.01	3.51	7.79	0.92	2.28	4.57	4.40	3.58	5.28	2.24	41.47
Port Jervis	1.19	1.68	5.25	4.11	2.99	1.40	1.72	4.87	4.43	3.35	2.27	4.03	37.29
Potsdam	2.03	2.58	1.57	2.47	7.25	1.66	1.81	4.88	5.59	2.76	5.74	2.16	40.50
Raquette Lake	3.49	3.86	4.23	4.89	5.69	0.94	3.35	3.44	5.71	5.34	4.60	3.92	49.46
Rochester	2.35	1.88	2.76	3.27	3.94	0.89	2.78	3.13	2.55	1.58	2.57	1.75	29.45
Salisbury	2.89	2.47	3.25	4.90	4.28	2.79	2.21	2.74	7.18	4.41	2.48	3.72	43.32
Scarsdale	2.05	4.15	10.05	2.95	3.90	1.70	5.95	4.16	4.72	3.30	4.59	6.26	53.78
Setauket	2.48	2.30	7.77	5.95	3.39	0.57	1.93	3.02	3.74	1.07	4.15	4.96	41.32
Shortsville	1.57	0.43	1.96	2.63	3.48	0.73	4.75	2.63	5.12	1.75	2.37	0.83	28.25
Skaneateles	2.15	2.44	4.10	5.02	4.79	0.97	2.96	3.84	7.52	2.01	3.95	1.23	41.07
Southampton	3.11	2.84	9.72	5.60	3.16	0.22	3.29	2.93	1.51	0.76	3.05	7.27	42.86
South Edmeston	2.05	2.84	3.64	4.21	2.29	1.07	4.54	3.62	6.00	3.04	3.64	2.52	39.46
Spier Falls	2.09	2.45	3.93	3.43	4.32	0.27	2.62	2.90	6.54	5.12	4.86	3.71	42.74
Syracuse	1.53	2.14	3.34	3.66	3.22	0.55	3.16	2.97	5.59	1.67	2.95	1.90	32.68
Trenton Falls	2.64	3.21	2.53	3.49	6.02	0.85	2.51	4.21	5.70	4.59	3.87	3.41	43.03
Tupper Lake	1.94	1.52	2.32	3.34	6.52	1.05	2.16	4.67	4.25	2.54	3.61	0.89	34.81
Utica	2.47	3.02	3.12	4.13	3.75	1.02	2.03	2.78	7.60	2.24	2.72	3.55	38.43
Volusia	3.30	1.30	3.35	4.15	1.97	1.27	1.34	3.64	5.12	4.76	2.95	2.05	35.20
Wading River	2.66	2.93	8.73	5.83	4.52	0.41	3.76	2.56	2.33	1.10	4.57	6.97	46.37
Wappingers Falls	1.75	1.86	4.47	5.29	5.68	1.11	1.36	4.14	3.07	5.78	3.54	4.41	42.46

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New York—Continued.													
Warwick	1.58	1.73	5.23	4.25	2.85	1.56	1.49	5.19	5.86	2.87	2.34	3.57	38.52
Waverly	1.00	2.63	3.08	4.47	3.30	1.26	4.91	6.14	8.15	1.84	2.62	1.81	41.21
Wedgwood	1.76	2.12	2.89	4.24	3.27	1.88	3.67	5.25	6.82	2.00	2.97	1.73	38.60
Westfield	2.43	1.18	2.35	4.30	3.83	2.10	3.13	4.07	6.05	3.02	2.62	2.55	37.63
Windham	1.76	2.25	3.67	5.57	3.68	1.73	2.42	4.48	3.34	3.48	2.74	2.16	37.28
York	1.80	1.45	2.40	2.56	2.35	1.43	3.26	2.77	2.65	1.65	1.81	1.45	25.58
North Carolina.													
Albemarle	2.86	4.79	8.15	4.33	3.33	6.39	5.08	2.68	4.17	1.91	3.12	2.32	49.13
Altapass	.....	.....	.....	3.06	.....	.....	.....	.....	.....	.....	.....	1.64	.....
Andrews	4.89	5.56	9.45	6.60	5.40	3.84	5.86	4.09	5.71	3.28	1.73	4.83	61.24
Asheville	1.10	2.86	4.70	4.17	2.94	4.02	4.64	1.88	3.51	1.54	2.00	0.90	34.26
Banners Elk	2.65	4.88	6.74	5.18	3.85	4.35	6.89	1.58	3.85	1.08	3.05	1.52	45.62
Beaufort	5.32	5.66	5.46	3.14	7.76	7.96	2.57	4.66	5.67	.....	2.51	4.03	.....
Belhaven	6.78	4.00	6.98	1.30	3.04	9.97	2.70	2.87	6.34	1.43	0.95	6.10	52.46
Blantyre	.....	.....	.....	3.80	3.24	8.41	6.69	1.80	3.14	1.14	1.87	2.11	.....
Blowing Rock	.....	.....	.....	3.52	5.87	6.09	11.38	2.71	8.61	1.95	2.44	2.62	.....
Brevard	2.53	4.17	10.06	5.75	3.06	7.83	6.60	2.45	5.96	2.15	3.30	.....	.....
Brewers	1.68	3.52	6.89	4.14	6.24	3.39	7.28	3.57	9.37	2.37	2.22	2.94	53.61
Bryson City	4.30	5.21	8.57	7.10	3.75	4.90	5.24	5.88	5.58	2.10	1.88	3.87	58.38
Caroleen	2.47	5.40	9.10	5.08	3.17	6.97	4.01	2.75	3.91	2.15	3.67	2.39	51.07
Chalybeate Springs	3.02	3.36	6.46	3.70	3.81	4.35	2.99	2.44	3.59	2.09	2.60	3.06	41.47
Charlotte	2.81	5.00	7.86	3.92	3.14	5.39	3.56	1.87	3.50	1.14	1.90	1.34	41.43
Chapel Hill	.....	3.52	6.47	3.88	7.17	4.51	0.57	1.70	3.17	0.99	2.00	.....	.....
Chimney Rock	2.47	5.83	8.59	4.59	4.97	4.75	11.20	3.18	7.96	1.50	2.70	3.18	60.92
Cullowhee	3.48	4.18	6.59	5.21	4.54	4.77	5.48	4.25	3.27	2.75	2.79	2.99	50.30
Durham	2.99	2.40	6.08	3.91	5.00	2.97	3.38	0.66	2.96	1.12	2.58	2.50	36.55
Eagles Nest	.....	.....	.....	5.89	.....	6.24	3.95	3.69	4.05	.....	.....	.....	.....
Eagletown	3.12	3.62	4.90	4.20	2.13	5.96	3.93	5.96	4.40	0.91	2.50	5.34	46.97
Edenton	4.92	4.55	4.95	2.40	4.20	7.20	4.45	0.40	3.55	1.15	2.10	2.20	42.07
Elizabeth City	.....	.....	4.10	2.80	4.65	4.00	1.85	1.60	4.45	0.70	2.15	3.25	.....
Elizabethtown	3.92	3.89	7.51	3.35	4.39	8.81	2.20	3.19	2.92	1.09	1.40	2.68	45.35
Enfield	2.88	2.74	3.94	4.94	3.26	5.18	2.75	1.70	5.87	0.67	1.88	4.06	39.87
Fayetteville	3.88	3.59	6.59	4.25	5.52	6.06	5.25	2.64	4.54	1.51	2.94	2.41	49.18
Globe	.....	.....	.....	4.99	4.78	5.19	10.09	1.30	7.63	1.89	2.99	2.36	.....
Goldsboro	4.47	3.55	4.22	4.12	2.72	7.25	4.17	5.99	4.31	0.46	1.79	2.48	45.53
Gorge	.....	.....	6.48	3.73	4.60	7.21	11.47	1.02	7.45	2.88	2.67	.....	.....
Graham	2.96	2.90	8.29	4.28	3.34	4.43	2.09	0.79	2.95	1.35	3.63	1.85	38.86
Greensboro	1.87	4.96	7.45	3.52	1.96	3.09	2.25	1.43	6.95	3.17	3.91	1.08	41.64
Greenville	4.75	3.59	4.58	2.47	3.93	5.56	3.76	3.78	4.08	0.79	2.20	2.37	41.86
Hatteras	4.54	4.38	3.74	2.55	4.04	7.83	1.55	2.80	2.74	8.63	3.04	3.13	48.97
Henderson	3.31	2.29	7.42	3.84	7.12	3.95	1.90	1.29	4.05	2.14	2.45	3.92	43.68
Hendersonville	2.32	4.90	7.70	4.54	6.99	7.08	7.72	3.17	4.94	1.75	2.53	3.05	56.69
Highlands	.....	.....	13.02	7.59	6.02	10.22	17.78	4.16	8.60	3.27	4.43	7.11	.....
Hot Springs	1.87	3.44	4.57	7.05	3.05	3.37	6.14	1.61	3.00	1.35	2.03	2.30	39.78
Jefferson	2.12	2.79	6.89	4.87	4.20	3.40	7.82	1.27	4.78	1.16	2.45	2.63	44.38
Kings Mountain	1.67	5.47	4.62	5.91	3.18	4.86	.....	.....	3.07	1.18	2.25	2.21	.....
Kinston	7.17	3.97	5.04	3.85	4.61	9.44	4.96	6.38	4.06	0.43	1.59	2.85	54.35
Lenoir	1.72	3.57	7.55	6.59	10.00	6.45	5.17	1.73	.....	.....	.....	.....	.....
Lincolnton	.....	.....	.....	.....	.....	4.67	6.32	1.26	4.05	1.92	2.59	2.46	.....
Louisburg	2.91	3.38	5.49	4.30	3.88	3.42	2.99	1.49	2.92	1.77	1.76	3.37	37.68
Lumberton	6.55	4.86	5.76	2.13	5.16	6.14	2.35	3.82	5.99	0.28	2.17	1.16	46.37
Manteo	4.45	3.63	5.52	1.83	6.54	5.33	2.34	3.25	5.97	1.24	2.68	4.32	47.10
Marion	1.73	2.53	8.02	3.99	4.13	5.62	6.30	2.96	6.56	1.93	3.32	2.96	50.05
Marshall	0.86	2.28	4.71	5.71	3.10	.....	3.50	1.85	3.86	1.52	1.81	2.10	.....
Middleton	6.28	4.49	7.65	4.04	6.31	5.83	3.92	2.41	4.37	2.84	2.87	3.89	54.90
Moncure	2.67	3.32	6.25	3.19	3.86	4.82	1.92	2.93	3.07	0.60	2.60	2.46	37.69
Monroe	3.66	6.98	7.68	1.89	3.70	7.97	4.25	2.93	6.02	1.73	3.93	2.37	53.11
Morganton	1.81	4.95	8.62	4.34	9.45	3.40	6.32	3.34	5.80	2.16	2.89	2.70	55.78
Mount Airy	2.11	3.54	7.83	3.56	7.91	3.33	6.33	2.92	6.68	1.85	3.11	2.64	51.81
Mount Holly	3.26	6.72	10.26	4.79	5.62	5.23	6.66	4.11	5.45	1.52	2.06	2.07	57.75
Murphy	3.97	5.98	8.67	7.08	3.42	6.10	4.21	4.64	5.17	2.93	1.82	4.41	58.40
Nashville	2.22	3.72	4.83	5.13	2.31	5.73	2.53	2.67	3.71	0.97	2.47	3.31	39.60
Neuse	2.34	2.99	6.40	4.01	4.28	6.26	1.20	1.13	2.99	2.31	2.20	3.72	39.83
Newbern	7.20	4.16	5.83	1.98	6.76	9.45	5.70	5.46	4.24	1.09	1.96	3.02	56.85
North Wilkesboro	.....	.....	.....	4.76	7.72	5.53	8.43	1.50	6.50	2.65	3.20	1.97	.....
Parkersburg	5.10	3.85	6.20	2.40	3.93	6.02	2.10	5.25	5.50	0.35	1.90	2.55	45.15
Pinehurst	3.60	4.46	5.93	3.19	6.75	4.32	4.52	2.30	5.46	0.46	2.98	1.66	45.63
Pittsboro	.....	.....	.....	.....	5.00	5.45	1.23	2.26	4.40	.....	2.70	2.55	.....
Raleigh	2.38	2.89	6.42	3.74	4.39	4.74	1.28	2.86	3.20	1.66	2.35	3.58	39.49
Ramseur	3.56	3.34	7.21	3.89	5.62	3.75	2.53	1.85	2.82	1.52	2.68	1.96	40.73
Randleman	3.02	3.68	7.10	3.19	2.76	6.46	2.82	1.58	3.35	1.41	2.30	2.38	40.05
Reidsville	2.60	4.01	9.79	3.85	3.02	4.63	2.02	1.56	4.83	1.51	3.23	1.37	42.42
Rock House	6.10	7.79	11.97	7.02	8.12	9.41	16.01	2.69	7.70	2.91	3.52	6.20	89.44
Rockingham	2.67	4.05	5.56	2.65	4.48	3.70	.....	4.90	.....	1.88	1.70	2.75	.....
Rocky Mount	2.48	3.24	4.52	3.04	1.10	5.67	1.93	2.52	3.75	0.55	1.40	3.53	33.73
Roxboro	.....	.....	7.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salisbury	4.05	4.19	9.67	4.61	3.40	4.93	5.33	0.65	3.06	0.85	3.57	1.51	45.82
Saxon	1.30	4.36	9.67	4.15	2.80	5.36	3.13	1.54	5.70	.....	.....	.....	.....
Scotland Neck	2.77	2.92	3.74	3.44	1.58	6.91	2.18	1.34	6.63	0.61	2.75	5.18	40.05
Settle	1.70	3.74	6.75	3.55	3.01	4.39	2.68	2.17	6.11	1.72	2.94	1.91	40.67
Sloan	6.32	4.59	4.93	1.57	6.13	8.23	3.27	4.26	6.73	0.38	2.41	2.57	51.39
Smithfield	3.71	3.10	5.73	2.69	5.22	3.02	3.32	1.38	3.79	0.48	1.79	2.30	36.53
Snow Hill	5.87	3.32	4.16	3.15	2.99	5.34	4.13	6.93	4.41	0.59	2.29	.....	.....
Southern Pines	.....	3.80	5.68	2.95	3.94	3.10	4.10	3.55	5.00	.....	3.77	2.05	.....
Southport	5.50	5.31	3.96	2.28	9.33	6.98	2.14	1.82	5.63	2.19	4.30	4.59	54.03
Statesville	2.80	5.79	8.92	4.16	7.29	4.45	7.76	1.36	7.99	3.63	2.49	2.15	58.79
Tarboro	3.91	3.02	5.62	3.19	2.86	6.56	4.07	4.63	5.25	0.62	1.92	3.51	45.16
Transon	.....	.....	.....	3.07	4.62	3.37	3.40	.....	5.18	1.56	3.45	2.13	.....
Tryon	.....	.....	.....	5.92	8.41	5.97	11.54	3.39	8.95	2.14	4.49	3.17	.....
Waynesville	4.01	5.63	8.09	5.80	3.58	6.26	3.55	4.37	3.06	1.91	2.21	2.87	51.34
Weldon	2.63	1.92	4.94	3.71	3.98	4.05	2.99	1.32	4.59	1.22	2.32	4.15	37.82
Whiteville	.....	.....	.....	.....	.....	.....	.....	2.46	4.44	0.58	.....	.....	.....
Willard	4.76	4.69	5.01	2.33	7.18	9.32	4.10	6.06	2.68	0.40	2.05	2.52	51.10
Wilmington	4.14	3.38	3.21	2.73	4.76	6.10	2.81	2.60	4.14	1.02	1.39	2.64	38.92
Winston-Salem	2.35	2.60	9.92	4.83	3.05	3.54	.....	1.97	6.29	1.62	2.80	1.35	.....

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
North Dakota.													
Amenia	0.20	0.05	0.70	2.95	4.53	2.86	3.06	4.17	6.54	0.02	0.02	0.80	25.90
Aplin	0.21	0.08	0.10	1.83	4.66	2.49	0.49	3.13	2.71	1.42	T.	0.12	17.24
Arnegard	0.40	T.	0.46	4.30	5.79	1.78	2.33	2.87	2.23	3.45	0.12	.....	.....
Ashley	0.60	0.20	0.70	3.11	4.26	1.49	2.04	2.58	1.93	0.33	0.00	0.50	17.74
Beach	0.68	0.11	0.98	2.71	4.51	1.10	3.19	2.15	2.10	2.91	0.00	0.04	20.48
Belfield	0.31	0.03	0.23	3.63	4.31	2.21	4.40	3.80	1.67	1.46	T.	T.	22.05
Berthold Agency	0.17	0.13	0.38	1.84	5.52	1.59	2.59	3.57	2.37	0.98	T.	0.07	19.21
Bismarck	0.18	0.08	0.70	2.30	3.03	3.55	3.18	2.33	2.42	0.94	T.	0.40	19.11
Bottineau	0.59	0.40	0.34	1.36	3.60	0.87	2.08	2.14	2.60	1.54	0.42	3.13	19.07
Bowbells	.....	.....	.....	2.05	5.22	1.14	2.79	3.51	3.12	0.78	0.00	0.75	.....
Broncho	0.25	0.18	0.72	2.00	5.66	1.70	3.16	2.90	.....	.....	.....	.....	.....
Buford	0.26	0.27	0.70	.....	.....	.....	3.08	2.36	1.26	1.72	0.10	T.	.....
Cando	0.22	T.	0.06	2.78	4.27	2.12	3.50	3.14	3.68	1.44	0.03	0.11	21.35
Carson	.....	T.	T.	1.32	4.66	2.79	1.53	3.06	3.86	0.61	0.00	0.30	.....
Crosby	0.34	0.03	0.23	1.49	4.68	1.63	3.35	2.96	1.90	1.17	0.11	0.34	18.23
Devils Lake	0.31	0.20	0.09	2.41	3.03	2.95	7.44	2.99	1.11	1.38	0.09	0.74	22.75
Dickinson	0.41	0.12	0.50	2.42	3.99	1.92	3.80	2.68	1.89	1.15	0.18	T.	19.06
Donnybrook	0.20	0.17	0.22	2.43	5.04	1.64	3.86	2.13	3.20	1.95	0.10	0.60	21.54
Dunseith	0.24	0.11	0.09	2.14	3.94	1.14	2.80	2.30	3.18	0.51	0.06	0.62	17.13
Edgeley	0.48	0.01	0.08	2.82	3.25	3.82	5.70	2.65	2.57	0.18	T.	0.28	21.84
Edmore	0.32	0.02	0.05	1.71	.....	.....	.....	.....	.....	.....	.....	.....	.....
Energy	0.14	T.	0.50	1.10	4.46	.....	.....	.....	.....	.....	.....	.....	.....
Epping	0.50	0.10	0.40	1.44	5.59	1.55	5.14	3.96	1.46	1.05	0.06	0.20	21.45
Fessenden	0.24	T.	0.15	2.37	6.80	4.53	3.18	2.83	2.17	0.89	0.02	0.30	23.48
Forman	0.20	0.10	0.40	2.82	4.36	2.78	4.81	2.63	2.14	0.03	0.10	0.08	20.45
Fullerton	0.33	0.55	0.22	3.15	3.78	2.99	7.10	3.28	4.28	0.28	0.12	0.63	26.71
Garrison	0.43	0.31	0.31	0.99	5.07	1.56	2.31	3.12	1.42	1.62	0.09	0.35	18.48
Grafton	0.12	0.10	0.08	2.05	3.05	1.11	2.63	2.26	2.11	1.34	0.08	0.40	15.33
Granville	0.20	0.05	0.02	2.15	3.97	1.51	3.47	2.43	2.23	1.49	0.01	0.04	17.57
Grinnell	0.10	T.	0.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haley	0.38	0.07	0.82	2.37	3.62	0.90	4.15	1.08	2.19	0.95	T.	0.02	16.55
Hannah	0.22	0.20	0.50	2.18	5.50	0.21	7.68	2.40	7.67	1.47	0.10	1.00	29.13
Hansboro	0.16	0.10	0.07	2.79	3.01	1.02	2.63	2.43	3.87	0.53	0.07	0.32	17.00
Hettinger	0.40	0.20	0.20	1.17	2.57	1.27	3.87	1.10	2.45	0.70	T.	0.01	13.95
Hillsboro	0.70	0.40	0.80	2.29	4.64	2.53	3.10	5.02	6.53	0.40	0.02	1.08	27.51
Howard	0.47	T.	1.20	2.02	5.26	1.71	2.93	2.94	1.02	0.81	0.20	0.46	19.02
Jamestown	0.65	0.35	0.65	2.74	6.36	4.32	3.93	3.64	2.61	0.21	0.15	1.15	26.76
Lakota	0.22	0.24	0.16	1.87	2.29	2.54	3.93	3.34	1.43	1.23	0.07	0.70	18.02
Lamoine	0.20	0.50	0.40	2.31	5.33	2.67	2.09	2.32	2.02	0.32	T.	0.40	18.56
Langdon	0.17	T.	0.10	2.63	4.38	0.51	5.25	3.71	4.98	.....	.....	.....	.....
Larimore	0.30	0.03	0.38	2.38	2.77	1.88	4.74	3.41	3.09	0.66	0.10	0.69	20.43
Lisbon	0.30	0.30	0.20	3.83	4.09	3.75	4.88	2.52	2.95	0.46	T.	0.35	23.63
McHenry	0.14	0.20	0.06	2.81	6.39	3.14	3.17	6.13	2.97	.....	.....	.....	.....
McKinney	0.25	T.	0.30	2.68	5.43	1.04	5.00	2.80	2.94	1.45	T.	0.40	22.29
McLeod	.....	.....	.....	4.10	9.13	3.67	3.07	2.84	2.40	0.07	0.00	0.05	.....
Manfred	0.32	0.05	0.20	3.08	5.52	3.31	2.49	3.86	1.65	1.47	0.20	0.87	23.02
Marmarth	0.17	0.07	0.26	1.95	3.33	1.97	2.10	1.66	1.43	1.53	0.02	0.14	14.63
Marstonmoor	0.50	0.20	0.30	3.92	5.35	3.04	1.48	2.59	2.09	0.31	T.	0.96	20.74
Mayville	0.36	0.05	0.15	2.22	3.94	2.71	5.75	5.83	6.33	0.10	0.02	0.54	28.00
Medora	0.05	0.15	0.76	1.68	4.69	2.40	2.79	2.41	2.12	1.44	0.00	T.	18.49
Melville	0.40	0.10	0.30	3.20	5.12	3.12	2.47	2.97	2.73	0.78	0.05	0.20	21.44
Milnor	.....	.....	.....	.....	.....	.....	.....	2.92	2.20	T.	T.	0.27	.....
Minot	0.55	0.05	0.60	2.47	4.67	1.62	3.29	1.56	2.13	2.10	0.05	0.24	19.33
Minto	0.47	0.10	T.	1.86	3.73	1.10	4.28	2.80	3.49	1.34	0.07	0.54	19.78
Mott	1.04	0.66	0.89	2.36	3.66	2.20	2.22	1.99	1.97	1.42	0.04	0.36	18.81
Napoleon	0.23	0.10	0.25	1.63	5.57	3.05	4.54	3.55	2.41	0.35	0.05	0.35	22.08
New England	0.71	0.45	.....	.....	.....	1.68	3.67	2.31	1.65	1.19	T.	0.05	.....
New Rockford	0.22	0.32	0.45	4.79	4.76	2.73	4.80	4.36	1.65	1.74	T.	0.32	26.14
New Salem	0.39	0.28	0.80	1.74	5.20	3.76	3.26	3.12	2.14	0.92	T.	0.40	22.01
Orange	.....	.....	.....	.....	3.95	1.28	2.64	2.99	2.52	0.99	T.	0.15	.....
Oriska	0.03	0.13	0.01	2.39	2.98	2.44	3.00	3.06	3.45	0.12	T.	0.60	18.21
Park River	0.35	0.14	0.08	3.19	3.97	0.80	3.91	2.85	1.66	1.64	0.01	0.50	19.10
Pembina	0.07	0.21	0.08	0.90	6.04	0.14	4.24	2.05	1.55	1.06	0.70	0.42	17.46
Power	0.80	0.30	0.40	3.99	7.61	2.81	1.95	3.70	3.01	0.18	0.03	0.80	25.58
Pratt	0.20	0.10	0.00	2.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
Steele	0.45	.....	.....	2.68	4.68	3.46	1.72	3.97	2.20	0.41	0.01	0.12	.....
Towner	0.22	0.17	0.17	2.20	4.48	1.66	3.34	2.58	2.51	1.28	0.10	0.25	18.96
Turtle Lake	.....	.....	.....	.....	.....	.....	.....	.....	2.21	0.78	T.	0.25	.....
University	0.36	0.05	0.26	1.65	2.92	1.19	4.69	2.86	5.97	0.29	0.10	0.41	20.75
Wahpeton	0.14	0.00	0.15	2.53	3.93	.....	3.04	3.11	1.75	0.33	T.	T.	.....
Walhalla	0.20	0.30	0.25	2.08	5.36	0.51	3.87	3.05	3.00	1.60	T.	0.75	25.97
Washburn	0.14	0.10	0.16	0.95	2.84	2.41	2.21	1.53	1.97	1.50	0.00	0.05	13.86
Westhope	0.20	0.15	0.20	2.31	4.17	0.86	3.86	1.69	2.32	0.89	0.07	0.42	17.14
Williston	0.44	0.17	0.35	1.86	3.61	1.44	3.29	2.84	0.89	1.12	0.14	0.18	16.33
Willow City	0.15	0.15	0.10	1.75	3.87	1.09	2.49	2.58	2.99	0.69	0.10	1.00	16.96
Ohio.													
Akron	2.11	1.67	3.52	5.60	2.62	3.07	5.55	2.71	4.27	2.18	1.48	1.97	36.75
Amesville	1.52	2.07	4.80	4.35	3.36	3.43	5.15	5.21	2.12	2.01	0.73	2.48	37.23
Antwerp	.....	.....	.....	2.75	4.07	1.53	4.76	5.74	2.06	2.16	0.91	.....	.....
Bangorville	2.65	2.15	4.66	5.03	3.53	4.21	7.20	2.59	3.41	2.28	0.81	2.56	41.08
Bellefontaine	3.09	2.31	2.33	4.11	3.66	3.04	4.89	2.05	2.74	1.97	1.28	2.53	34.00
Benton Ridge	1.98	2.58	2.84	3.48	2.12	3.51	7.85	3.18	2.20	2.21	1.16	2.25	35.36
Bladensburg	1.71	1.14	3.74	.....	3.04	2.69	2.90	2.46	3.21	1.84	1.73	1.90	.....
Bowling Green	1.50	2.70	2.91	2.31	3.00	4.22	3.83	2.94	2.64	2.50	0.98	1.45	30.98
Brilliant	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.50	2.33	.....
Bucyrus	3.10	2.00	3.45	2.68	2.48	2.67	9.84	2.67	2.73	3.12	1.25	2.01	33.00
Cadiz	2.23	1.84	4.40	4.78	1.50	4.00	5.86	5.94	4.30	2.30	0.65	2.90	40.70
Cambridge	1.67	2.04	4.18	4.11	2.19	3.28	3.27	3.90	3.72	3.09	0.53	3.19	35.17
Camp Dennison	1.68	2.42	4.82	5.71	4.82	2.76	5.48	4.86	2.56	2.22	1.00	2.35	40.68
Canal Dover	1.69	1.60	4.28	5.28	2.72	4.06	5.98	5.17	1.92	2.53	0.59	2.24	38.06
Canton	2.03	1.73	3.27	5.95	3.37	3.99	8.02	4.10	3.30	3.34	1.08	2.17	42.35
Cardington	2.62	3.00	4.55	4.86	4.32	5.25	4.04	3.43	2.39	3.08	.....	1.85	.....
Chillicothe	.....	1.97	4.49	5.17	3.26	1.20	5.39	1.78	1.34	1.26	1.11	3.27	.....
Cincinnati	2.21	2.11	4.73	5.62	4.64	2.16	5.11	5.00	1.95	2.12	0.71	2.25	38.61
Circleville	1.59	2.17	4.34	4.94	3.58	1.51	6.04	3.73	2.73	1.80	1.57	2.56	36.56

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Ohio—Continued.													
Clarington	2.06	2.13	5.22	4.24	1.80	4.74	7.00	2.97	1.95	2.30	1.17	3.31	38.89
Cleveland (Weather Bureau)	3.13	2.04	2.14	3.68	2.55	1.96	8.13	4.54	2.39	3.16	0.89	1.33	35.94
Cleveland, Odenbach	3.50	2.17	3.41	5.00	2.69	2.35	8.21	3.25	3.37	3.41	1.30	1.78	40.44
Columbus (Weather Bureau)	1.58	1.53	4.56	4.20	2.65	1.48	3.50	2.25	2.83	1.71	1.01	2.34	29.64
Columbus Reservoir	1.48	1.51	4.84	3.94	2.91	1.24	5.25	2.52	2.42	1.56	0.68	2.19	30.54
Conneaut	2.17	1.82	2.55	4.38	3.08	1.48	2.98	4.21	7.91	5.77	3.08	2.37	41.80
Coshocton	1.48	1.46	3.88	4.99	3.30	4.50	5.45	4.00	3.76	3.66	0.52	2.99	39.99
Dayton (Weather Bureau)	2.25	2.14	5.21	4.94	2.27	2.15	3.35	6.64	2.16	2.13	0.81	1.96	36.01
Dayton (Boyer)	2.21	2.67	5.45	5.70	2.25	2.64	4.82	6.34	2.41	2.25	1.05	2.29	40.08
Defiance	1.21	1.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	2.24	1.48	6.08	3.81	3.19	5.47	4.23	2.58	3.99	2.47	0.50	2.19	38.23
Demos	1.57	1.56	5.47	4.82	1.81	2.74	5.58	3.57	2.18	1.85	0.89	3.06	35.10
Dennison	2.22	1.99	4.46	5.09	1.96	4.03	4.16	3.39	2.13	2.47	0.26	2.48	34.64
Findlay	1.51	2.41	3.24	3.94	1.86	1.94	9.75	3.75	2.24	2.39	0.86	1.11	35.00
Frankfort	1.10	2.10	5.06	4.16	4.04	1.40	5.90	1.44	4.57	1.65	1.50	2.78	35.70
Fremont	1.90	2.25	3.20	2.98	2.69	4.27	5.98	3.83	3.35	2.69	1.28	1.80	36.22
Gallipolis	2.23	2.45	5.65	3.36	3.49	7.29	7.70	3.18	1.44	1.42	0.96	2.44	41.61
Garrettsville	3.17	1.51	3.61	4.74	3.30	2.19	5.21	5.89	3.49	5.02	2.18	2.29	42.60
Granville	2.05	2.19	4.41	4.42	3.70	2.72	5.48	2.95	5.30	1.85	1.56	2.73	39.36
Gratiot	1.36	2.53	4.61	4.45	2.73	1.65	5.86	4.41	2.16	1.93	0.92	2.12	34.73
Green	2.22	2.71	8.24	4.37	7.03	3.48	7.98	5.82	2.47	0.50	2.40	3.21	50.43
Green Hill	1.34	1.39	3.74	3.56	2.86	4.23	5.83	4.59	5.19	2.65	0.46	2.30	38.14
Greenville	1.94	1.77	5.45	4.18	2.83	2.47	5.06	5.08	2.33	2.00	0.96	1.72	35.79
Hamilton	3.12	2.42	5.03	7.22	2.67	2.49	1.90	4.24	3.07	1.61	1.40	2.03	37.20
Haydenville	1.55	2.33	3.50	4.49	2.45	4.24	5.30	4.45	2.86	2.15	0.24	1.54	35.10
Hedges	1.79	1.65	2.77	3.07	2.59	3.34	2.39	2.57	2.33	1.47	0.86	2.19	27.02
Hillhouse	3.35	1.73	3.20	4.00	2.59	1.94	3.98	5.49	3.40	4.00	2.14	2.62	38.44
Hillsboro	2.35	3.11	7.10	3.37	3.95	2.18	9.32	.....	3.78	1.70	.....	.....	.....
Hiram	3.42	1.89	2.32	3.48	1.46	1.52	3.88	5.69	3.31	5.60	2.13	1.73	36.43
Hudson	.....	2.57	.....	6.98	3.63	1.88	6.60	5.75	5.51	3.78	1.92	2.16	.....
Ironton	3.14	2.89	6.09	5.84	3.43	2.94	6.90	5.23	1.30	0.99	1.08	2.96	42.89
Jacksonburg	3.29	1.93	4.81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kenton	1.51	2.59	4.24	3.69	2.75	3.93	5.40	4.29	4.09	3.27	1.39	2.28	39.43
Killbuck	2.43	2.12	5.00	4.99	4.50	4.69	7.33	3.30	4.15	2.29	1.77	2.91	45.48
Kings Mills	.....	.....	.....	.....	.....	.....	.....	7.01	2.15	1.76	1.17	2.04	.....
Lancaster	1.59	2.51	3.94	4.75	4.04	2.64	4.27	3.65	3.32	1.63	0.93	2.42	35.69
Lima	2.32	2.94	4.31	3.46	2.62	2.87	6.50	4.62	2.51	2.31	0.70	2.25	37.41
McConnellsville	1.75	2.31	4.43	5.54	2.69	3.61	7.47	4.79	2.23	2.54	0.72	2.87	40.95
Marietta	1.97	1.82	5.25	3.87	3.01	3.04	5.98	2.80	1.99	1.85	0.84	2.70	35.12
Marion	2.83	3.01	4.55	4.28	3.82	5.28	7.41	5.06	2.90	3.16	1.36	2.28	45.94
Medina	2.47	1.45	3.54	5.36	3.29	2.65	5.00	3.56	3.80	2.13	0.94	2.40	36.59
Milfordton	1.82	1.84	4.06	3.75	3.09	4.23	5.10	2.38	2.08	1.80	1.27	1.94	33.36
Milligan	1.09	2.03	3.85	4.67	3.40	3.45	8.72	4.75	3.75	3.11	0.52	4.26	43.60
Millport	1.38	1.69	3.79	4.07	1.95	4.29	6.35	4.45	5.91	2.05	0.45	2.34	38.72
Montpelier	2.30	2.21	2.32	2.11	3.93	3.56	2.30	3.05	2.48	2.55	2.11	1.10	30.02
Napoleon	1.73	2.80	2.26	2.25	2.93	3.14	3.25	3.40	2.20	3.50	1.34	0.88	29.68
Nellie	2.37	1.50	4.27	5.17	3.14	3.30	7.49	4.02	2.70	2.55	1.36	3.37	41.24
New Alexandria	2.20	2.00	4.00	8.10	2.25	3.50	6.21	5.08	4.74	2.07	.....	.....	.....
New Berlin	1.73	1.25	3.42	4.89	2.95	4.33	5.65	4.09	3.97	3.30	1.44	1.68	38.70
New Bremen	1.45	1.83	4.18	2.90	2.63	2.57	8.89	2.84	3.46	3.14	0.36	1.16	35.41
New Waterford	1.85	2.03	2.88	4.66	2.02	5.65	6.71	5.13	4.72	2.55	0.90	2.54	41.64
North Royalton	3.14	2.15	2.95	5.95	2.96	2.29	7.00	4.10	6.20	3.53	1.19	1.99	43.45
Norwalk	2.50	2.62	3.39	4.37	2.06	4.67	3.59	4.24	3.61	3.15	1.26	2.16	37.62
Oberlin	2.78	1.29	1.65	4.79	2.83	2.33	7.24	3.22	2.76	2.47	0.89	1.60	33.85
Ohio State University	1.51	1.68	5.15	4.69	2.99	1.68	5.41	2.81	2.13	1.84	1.05	2.39	33.33
Ottawa	1.33	1.80	1.97	2.92	2.11	4.70	6.73	4.05	2.39	1.54	0.59	1.33	31.46
Pataskala	1.92	2.03	4.85	4.98	4.82	2.51	4.42	4.20	3.68	1.92	1.63	2.83	39.79
Peebles	1.70	3.12	5.86	6.80	3.61	2.99	9.66	7.90	3.44	1.66	1.39	3.79	51.92
Philo (Burkholter)	1.46	1.70	4.21	4.85	2.32	5.44	3.07	5.08	3.85	2.49	0.38	3.11	37.96
Philo (Hardtla)	1.81	2.51	4.00	4.37	2.74	4.95	4.72	6.90	3.26	2.73	0.12	3.64	41.75
Piqua	2.53	2.49	6.01	3.86	4.49	3.00	7.01	2.47	4.36	3.06	1.29	1.79	42.36
Plattsburg	1.67	2.01	5.32	5.12	4.42	3.30	1.93	3.55	2.37	2.01	1.17	1.91	34.78
Portsmouth	2.75	2.89	6.33	4.93	3.99	2.49	5.36	5.36	2.98	1.19	1.27	3.14	42.68
Prospect	3.80	.....	.....	.....	3.10	.....	2.57	3.20	1.70	1.75	.....	.....	.....
Rittman	1.68	0.98	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sandusky	1.62	1.60	2.93	2.43	1.94	4.52	4.93	3.57	2.79	3.12	0.79	1.52	31.76
Shenandoah	2.23	1.80	3.07	4.01	2.49	4.15	6.65	2.51	.....	.....	.....	.....	.....
Sidney	1.89	2.26	5.04	4.08	2.26	4.49	5.65	2.86	2.82	2.07	0.90	0.96	35.28
Somerset	2.23	1.66	2.28	4.09	2.72	1.90	4.40	2.33	3.13	2.32	0.59	2.49	30.14
Springfield	2.25	2.26	5.12	5.28	4.87	3.08	3.31	3.04	3.08	1.90	0.92	1.90	37.01
Summerfield	1.77	1.59	4.37	4.99	2.07	3.90	7.35	4.06	2.35	2.34	0.81	2.69	38.29
Syracuse	3.54	2.90	6.16	.....	.....	.....	8.97	4.25	2.30	1.50	1.14	3.14	.....
Thurman	2.90	2.35	5.20	3.79	3.41	2.37	6.60	2.15	1.06	1.37	0.68	2.61	34.49
Tiffin	3.11	2.12	3.56	5.03	1.90	2.69	4.03	1.90	2.66	2.38	0.95	2.59	32.92
Toledo	1.78	3.12	3.09	2.72	3.07	3.55	3.60	3.48	2.69	1.51	1.77	1.57	31.95
Upper Sandusky	1.85	2.32	4.60	3.90	2.73	3.99	6.68	2.64	3.45	2.48	1.40	2.58	38.62
Urbana	2.68	2.66	3.87	5.42	3.40	2.33	3.48	4.59	3.07	2.75	0.94	1.97	37.16
Vickery	1.48	1.92	3.31	3.48	2.74	5.45	6.96	3.84	3.17	3.62	1.12	1.84	38.93
Wapakoneta	.....	.....	.....	.....	.....	.....	.....	2.99	2.86	2.56	0.79	1.41	.....
Warren	2.82	1.73	4.20	6.53	3.58	1.99	6.71	6.23	3.90	4.27	1.36	2.26	45.58
Wauseon	1.40	2.23	2.94	1.82	3.78	2.97	1.96	4.49	3.22	2.41	1.61	1.60	30.43
Waverly	1.76	2.63	5.62	4.83	5.59	3.19	9.23	2.42	1.98	2.24	1.13	3.28	43.90
Waynesville	1.30	2.04	5.17	5.24	4.57	1.21	4.53	6.09	2.46	2.00	1.17	2.02	37.80
Wooster	2.30	1.58	3.77	5.58	5.65	2.21	7.46	7.32	4.41	2.18	1.79	2.35	46.60
Willoughby	3.56	1.47	3.31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wickliffe	.....	.....	.....	.....	3.13	2.29	6.92	7.13	3.32	8.21	1.27	1.91	.....
Youngstown	2.85	2.45	3.47	4.82	2.28	3.47	4.67	7.76	4.17	2.86	0.48	1.79	41.07
Zanesville	1.29	2.11	4.25	3.76	2.50	1.32	4.58	4.40	2.24	2.35	0.30	2.62	31.72
Oklahoma.													
Ada	0.02	1.54	4.89	4.59	3.20	6.47	0.80	5.11	2.39	3.48	0.64	1.32	34.45
Alva	0.05	2.23	1.25	2.41	3.00	2.82	0.50	3.64	4.50	1.22	T.	0.35	21.97
Apache	0.00	1.47	5.91	2.07	1.93	4.68	1.39	4.34	1.09	2.58	0.31	0.84	26.61
Arapaho	T.	1.42	0.88	2.58	2.93	5.44	1.19	2.27	1.27	2.07	T.	0.86	20.91

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Oklahoma—Continued.													
Ardmore	0.32	1.77	4.78	4.26	1.73	5.35	0.24	5.28	1.66	2.98	2.37	1.39	32.13
Arnett	0.50	3.05	1.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bartlesville	0.20	2.84	3.89	8.69	4.32	5.60	0.03	1.33	2.17	2.45	0.41	0.84	32.77
Beaver	0.56	2.64	1.31	1.69	0.70	5.05	1.82	2.56	2.86	0.35	0.20	0.00	19.74
Blackburn	2.06	1.80	3.94	8.36	3.02	.....	0.25	0.79	.....	.....	.....	.....	.....
Cache	0.00	2.11	4.74	0.98	3.14	6.41	1.30	4.01	2.26	3.66	0.34	0.10	29.05
Calvin	0.22	1.93	4.44	6.90	2.73	7.29	0.16	2.05	2.70	3.53	1.92	1.77	35.64
Chandler	T.	1.50	6.43	5.25	3.00	4.96	2.15	3.56	1.45	1.65	1.10	.....	.....
Chattanooga	T.	1.94	5.85	1.91	3.03	6.61	0.78	3.51	1.25	3.17	0.00	1.20	29.25
Chickasha	T.	1.27	5.52	1.86	1.11	4.54	1.86	.....	.....	2.11	0.15	0.82	.....
Cloudchief	T.	2.35	1.35	3.60	1.15	4.63	0.91	4.38	1.70	1.52	0.23	0.89	22.71
Crawford	.....	.....	.....	3.00	0.70	4.20	0.75	2.43	0.76	0.90	.....	.....	.....
Durant	0.10	2.58	7.01	3.60	4.79	6.11	0.03	4.77	0.16	3.94	1.33	1.64	36.06
Eldorado	T.	0.98	1.89	1.87	0.97	3.95	1.21	3.83	3.85	1.45	0.00	0.94	20.94
Elk City	T.	1.03	1.94	4.04	0.60	6.04	0.77	3.85	2.50	1.10	T.	.....	.....
El Reno	T.	0.49	3.27	4.19	2.43	3.78	1.27	1.47	1.55	3.43	0.04	0.33	22.25
Enid	0.02	2.48	1.62	10.01	5.02	4.65	0.96	2.25	3.32	2.39	0.36	0.99	34.07
Erick	0.00	2.52	2.55	1.33	.....	4.54	0.52	2.21	4.53	1.12	T.	0.40	.....
Eufaula	.....	1.85	4.68	6.12	2.68	5.57	0.66	2.53	0.93	5.30	0.96	0.75	.....
Fairland	0.40	2.42	5.89	6.21	3.43	6.48	1.39	2.71	3.30	5.75	1.96	0.34	40.28
Fort Gibson	0.53	2.36	6.23	4.56	3.20	4.43	2.31	3.84	2.84	3.39	1.76	0.76	36.21
Frederick	0.00	1.48	5.14	1.37	0.75	3.94	2.27	2.95	2.24	3.05	0.02	0.57	23.78
Geary	T.	1.64	1.49	4.12	3.85	3.21	1.75	2.35	1.16	1.46	0.17	0.64	21.84
Goodwell	0.10	1.48	0.95	1.32	2.51	3.01	1.90	3.31	2.63	T.	0.26	T.	17.47
Guthrie	0.20	2.00	5.35	4.80	2.05	6.00	5.25	2.90	1.87	3.50	T.	0.75	34.67
Guymon	T.	5.20	1.55	1.70	3.31	4.00	1.64	3.26	2.13	T.	0.20	0.00	22.99
Hartshorne	1.20	2.30	7.11	2.27	3.69	6.15	0.50	3.92	1.45	3.14	0.92	0.66	33.31
Healdton	T.	1.74	6.56	5.44	3.25	4.27	1.52	6.20	2.52	2.78	1.15	1.15	36.58
Helena	0.02	0.77	1.25	4.05	2.54	3.20	0.25	1.61	1.54	.....	0.13	0.44	.....
Hennessey	0.25	1.62	2.46	4.38	2.94	4.03	2.62	2.36	2.35	7.76	T.	0.74	31.51
Hobart	T.	1.25	1.98	5.02	1.74	6.01	0.75	4.30	0.88	3.23	0.13	1.04	26.33
Holdenville	0.30	1.97	5.15	4.93	3.21	4.44	0.58	2.79	1.69	4.64	1.20	1.14	32.04
Hooker	T.	2.92	0.67	1.65	2.86	3.71	2.19	2.19	1.95	T.	0.05	T.	18.19
Hurley	0.20	2.20	0.80	0.78	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idabel	1.07	.....	.....	.....	2.69	4.03	2.80	4.50	.....	.....	.....	.....	.....
Jefferson	0.11	2.02	1.65	4.40	3.35	2.58	2.39	3.22	1.77	3.27	0.04	0.91	25.71
Kenton	T.	1.82	0.20	1.10	1.77	3.60	1.05	5.30	1.87	0.23	0.13	0.05	17.12
Kingfisher	0.07	1.69	2.53	4.67	3.21	5.10	1.71	3.44	1.55	2.12	0.72	0.44	27.25
Lawton	.....	.....	.....	2.60	1.12	5.01	0.37	6.50	1.55	4.02	0.02	1.21	.....
McAlester	0.92	2.52	5.09	4.58	3.93	5.98	0.84	2.80	1.09	3.67	1.35	1.27	34.04
Mangum	T.	1.36	1.92	5.65	3.50	5.56	1.76	2.90	0.75	1.60	0.78	0.65	26.43
Marlow	T.	0.81	6.09	4.34	2.69	3.08	2.04	7.07	2.17	3.04	0.45	0.76	32.54
May	.....	.....	1.28	2.27	1.88	1.97	3.03	3.58	.....	0.65	T.	.....	.....
Meeker	0.25	2.67	5.90	3.74	2.82	9.30	1.65	3.55	1.24	1.40	0.00	0.25	32.77
Muskogee	0.40	1.56	5.05	4.41	3.27	3.90	0.73	3.19	2.22	4.22	1.10	0.45	30.40
Mutual	0.00	1.98	1.12	2.30	1.14	3.04	0.83	2.36	1.39	0.83	T.	0.00	15.04
Neola	T.	0.95	3.53	2.55	1.41	5.41	1.86	3.69	0.72	1.90	0.11	0.41	22.54
Newkirk	0.02	2.46	2.91	6.35	5.93	3.47	2.00	2.44	1.48	3.43	0.97	0.40	31.86
Norman	0.05	1.61	6.57	2.48	1.81	4.10	0.77	4.70	0.77	2.37	1.92	1.02	28.17
North Muskogee	0.65	.....	4.52	4.47	2.64	3.76	0.70	2.81	0.95	3.01	2.99	0.62	.....
Oakwood	T.	1.49	0.96	5.26	2.15	5.46	1.13	2.18	2.15	1.48	0.03	0.83	23.12
Okeene	0.04	1.89	1.73	6.50	2.74	4.92	0.99	3.42	2.43	1.95	0.12	0.93	27.66
Okemah	.....	.....	.....	.....	3.30	5.90	1.29	2.96	1.95	4.42	1.60	0.75	.....
Oklahoma	0.10	1.37	4.11	2.81	2.91	4.75	2.32	3.61	2.64	1.38	0.39	0.62	27.01
Okmulgee	T.	1.90	.....	2.83	3.26	3.25	0.65	3.66	2.32	3.61	1.80	0.40	.....
Pauls Valley	0.00	1.71	.....	2.29	1.09	6.12	0.78	4.20	1.29	3.55	0.81	1.21	.....
Pawhuska	0.20	1.87	0.81	8.82	4.64	5.69	2.17	2.89	2.59	2.73	0.40	0.20	33.01
Perry	0.15	2.12	3.31	8.35	4.03	3.78	2.51	6.41	4.55	8.96	0.12	0.35	44.64
Rankin	0.00	2.00	0.65	1.80	.....	3.34	1.18	2.11	2.72	0.77	0.12	0.87	.....
Ravia	0.52	2.05	4.94	1.42	2.87	5.76	0.74	5.46	0.63	2.36	0.52	1.53	28.80
Sac and Fox Agency	0.02	1.80	5.72	4.07	2.35	3.69	.....	.....	1.52	1.76	0.60	0.55	.....
Shawnee	T.	2.49	6.83	3.92	4.20	4.42	1.30	3.91	1.42	2.23	1.34	0.89	32.95
Snyder	0.00	1.25	3.98	2.19	3.13	6.58	1.20	3.32	2.03	2.76	0.26	0.44	27.14
Stillwater	0.10	1.11	4.60	6.54	2.58	3.83	1.50	2.79	2.80	1.00	T.	0.75	27.60
Tulsa	0.04	2.66	5.99	5.94	3.62	3.30	0.38	1.04	3.50	3.00	2.06	0.67	32.20
Vinita	0.20	4.10	6.25	8.61	4.79	5.63	1.95	1.92	3.59	5.22	.....	.....	.....
Wagoner	0.62	3.50	5.95	7.90	4.05	3.55	1.45	4.50	2.33	5.10	1.50	0.75	41.20
Waukomis	T.	3.21	1.74	8.87	4.45	5.99	1.07	2.04	3.86	3.53	0.33	0.83	35.92
Waurika	0.03	1.76	4.40	2.27	0.83	4.28	2.33	7.41	1.05	3.38	0.46	1.48	29.68
Weatherford	T.	1.09	1.56	2.95	3.48	4.20	2.26	2.68	2.87	1.89	0.11	1.22	24.31
Webbers Falls	1.20	2.50	4.76	4.24	2.95	5.55	1.51	8.15	2.00	.....	.....	0.85	.....
Whiteagle	0.02	1.21	2.54	7.59	5.80	2.88	0.75	1.71	1.70	3.73	0.25	0.55	27.73
Woodward	0.03	2.58	2.37	1.63	1.15	3.02	3.25	2.90	3.44	0.50	0.06	0.07	21.00
Wyandotte	.....	1.60	4.37	6.06	2.82	5.30	2.51	1.73	2.98	4.55	2.00	0.30	.....
Oregon.													
Albany	9.29	4.97	3.01	2.29	2.71	3.18	0.58	2.03	2.54	2.89	6.51	5.78	46.68
Ana River	0.76	0.13	0.73	0.82	1.49	0.47	0.26	0.68	0.12	0.28	0.48	0.79	7.01
Ashland	2.69	2.13	2.00	4.81	2.48	2.62	0.86	0.15	1.32	1.04	2.54	3.62	26.26
Astoria	20.90	10.23	3.30	3.53	3.07	4.14	1.23	4.09	2.69	5.21	15.11	12.39	85.89
Baker	1.67	0.98	1.03	1.05	1.70	1.84	1.65	1.69	0.32	0.36	0.23	1.25	13.77
Bear Valley	2.78	1.07	1.12	1.67	2.22	1.86	0.32	1.70	0.35	0.60	1.85	3.26	18.30
Beech Creek	4.65	1.53	1.39	3.10	3.63	2.27	0.65	1.74	0.65	1.10	1.36	4.57	26.54
Bellfountain	10.31	8.31	5.31	3.10	2.10	3.01	1.02	2.15	3.29	4.64	10.91	10.87	65.02
Black Butte	11.10	6.65	4.90	6.05	4.80	5.15	0.40	1.40	3.20	5.00	7.95	8.65	65.25
Blue Mountain Sawmill	8.40	6.30	4.34	5.14	5.60	3.29	0.76	3.83	0.95	4.73	4.07	4.70	52.11
Brogan	1.83	0.72	0.15	1.16	1.34	0.88	0.54	0.46	0.00	0.54	0.27	0.66	8.55
Buena Vista	1.21	3.80	0.22	0.16	0.24	1.15	1.20	1.19	0.06	0.21	0.05	0.11	9.60
Burns	1.94	1.35	0.55	1.97	1.60	1.17	0.91	0.44	0.61	0.16	1.66	1.19	13.64
Burns Mill	2.93	1.96	1.41	2.49	2.31	1.47	0.27	1.61	0.59	0.23	1.85	2.55	19.67
Butte Falls	7.22	5.27	2.59	3.81	3.31	2.42	0.92	0.54	2.31	2.25	4.79	4.44	39.57
California Gulch	2.79	2.77	1.60	5.26	6.33	3.07	0.83	2.46	0.86	0.99	1.22	1.49	29.67
Cascade Locks	20.11	11.92	3.68	3.02	3.59	2.92	0.47	0.23	3.00	8.15	11.40	13.30	67.79
Cascadia	11.45	9.00	4.13	5.13	5.58	5.69	1.09	5.46	3.29	5.59	7.57	8.57	72.55
Cazadero	9.86	6.75	2.38	4.18	5.10	4.89	0.64	3.25	2.11	4.76	6.27	8.44	58.63

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Oregon—Continued.													
Christmas Lake	1.31	0.34	0.77	1.16	1.87	0.98	1.22	0.72	0.49	0.30	0.41	0.70	10.27
Cliff	1.34	0.89	0.39	1.39	2.12	1.21	0.59	0.98	0.58	0.26	0.96	0.44	11.15
Condon	2.88	1.77	1.32	1.56	1.36	1.35	0.90	1.17	0.84	0.61	1.50	0.16	15.42
Coquille River Lighthouse	9.40	7.38	2.79	5.67	1.66	2.71	0.17	1.22	4.37	2.75	10.86	6.40	55.38
Cornucopia	9.78	4.76	2.98	4.56	5.15	1.64	2.21	2.60	0.82	2.04	5.46	6.45	48.45
Cracker Creek	5.27	2.60	1.60	1.14	0.24	1.20	0.14	1.14	0.06	0.11	0.22	4.80	18.52
Crescent	3.92	4.76	2.63	2.32	1.36	0.67	0.26	0.61	0.60	1.13	2.14	3.39	23.79
Dayville	1.90	0.39	0.58	3.22	2.41	1.62	0.52	2.33	0.20	0.45	0.59	1.46	15.67
Deadwood	22.09	13.68	4.15	4.86	5.15	4.09	0.34	3.56	5.88	6.83	15.51	14.10	100.24
Diamond	0.58	0.85	0.17	1.76	1.56	0.93	0.27	0.61	0.33	0.55	0.50	0.45	8.56
Doraville	11.15	5.93	2.90	2.39	2.51	2.39	1.75	4.88	1.56	4.60	7.07	11.33	58.46
Drain	10.44	5.89	5.60	4.60	3.72	4.23	0.20	1.31	2.42	4.24	6.55	7.52	56.72
Duncan	6.05	5.55	4.47	4.51	5.00	4.05	0.96	3.20	1.47	2.75	2.50	3.95	44.46
Echo	4.93	1.60	1.70	0.87	1.98	1.08	0.36	0.42	0.44	0.82	1.53	2.49	19.22
Ella	2.49	0.91	1.14	1.04	1.61	1.41	0.35	1.42	0.05	1.02	0.90	0.70	13.04
Embody	3.28	2.19	1.28	1.79	0.47	1.01	1.42	1.40	0.87	0.58	2.10	1.34	17.73
Eugene	6.47	4.32	2.80	3.32	4.09	4.31	0.57	1.32	1.97	3.17	6.98	4.26	43.58
Fir Glen	11.17	10.49	5.74	5.28	3.46	2.84	0.16	1.44	2.52	4.93	8.77	12.40	69.74
Florence	16.37	11.16	2.70	4.96	4.02	3.65	0.89	2.34	3.71	5.24	13.40	7.67	76.11
Fort Rock	1.18	0.22	0.76	1.34	1.45	1.43	0.63	0.64	0.27	0.24	0.54	1.09	9.79
Galice	12.53	6.41	5.14	6.02	2.12	0.83	0.29	0.27	2.59	4.29	8.85	8.24	57.58
Glencoe	2.83	0.92	0.65	1.14	2.08	2.36	0.21	1.32	0.15	0.90	1.00	0.62	14.18
Glendale	8.30	4.50	5.03	6.74	3.95	1.05	0.16	0.09	0.52	2.23	2.82	4.14	39.53
Glenora	32.45	16.31	8.34	5.53	3.58	3.56	1.49	8.82	5.03	8.99	23.29	27.19	144.58
Golden Falls	20.15	15.56	7.41	7.44	5.07	4.33	0.44	3.75	4.55	8.13	14.92	14.15	105.90
Grants Pass	6.64	3.79	3.79	4.14	1.99	1.59	T.	0.03	1.45	2.38	4.71	3.09	33.60
Grass Valley	4.45	1.58	0.60	1.20	2.83	0.73	0.14	0.88	0.32	0.75	1.31	1.88	16.73
Greenhorn	7.77	6.58	3.23	3.68	2.88	2.81	0.73	3.04	0.60	1.43	2.99	4.95	40.69
Gumboot	3.73	0.97	1.76	3.68	4.84	1.94	1.73	1.43	0.46	1.73	3.18	3.38	28.83
Happy Home	25.68	15.79	10.96	12.34	10.02	3.98	0.10	1.24	4.08	9.47	22.34	18.34	134.34
Hay Creek	2.46	1.27	1.13	2.02	2.98	2.04	0.38	0.78	0.79	0.94	1.32	1.41	17.52
Hazeldell	7.25	5.56	3.53	4.97	3.75	5.10	0.54	1.72	1.67	3.94	4.87	7.17	50.07
Headworks	15.30	10.31	3.97	4.88	5.89	5.68	0.92	6.59	1.97	6.08	9.49	10.71	81.79
Hermiston	2.04	0.74	0.50	0.67	1.50	0.85	0.03	1.12	0.03	0.42	0.89	0.45	9.24
Hilgard	3.35	4.15	0.60	3.10	4.40	2.25	1.40	2.55	0.60	1.55	1.95	1.35	27.25
Hood River	2.35	1.65	0.93	2.55	3.15	3.14	0.72	1.14	0.37	0.84	0.99	0.89	18.72
Hoover	18.79	11.99	5.68	5.43	5.60	4.08	0.65	5.33	2.60	7.90	12.29	12.61	92.95
Howardville	7.77	4.01	1.99	3.35	3.96	1.52	0.71	1.96	0.85	2.06	2.61	3.89	34.68
Huntington	7.30	3.90	1.35	0.75	1.40	0.55	T.	1.50	0.09	2.57	5.02	7.55	32.18
Ibex Mine	6.17	4.36	3.07	3.44	2.82	3.39	0.53	1.86	0.84	1.95	1.63	4.70	34.76
Ironside	2.87	1.04	1.12	1.79	0.94	2.56	1.46	1.02	0.21	0.55	0.54	1.43	15.53
Jacksonville	4.87	3.71	2.23	4.50	2.16	1.51	0.03	0.14	1.29	1.69	3.73	2.93	28.79
Klamath Falls	8.30	0.53	0.90	0.71	1.30	3.75	0.80	1.52	1.30	0.50	4.95	3.40	27.96
La Grande	2.23	1.79	1.05	1.49	1.45	2.80	0.18	1.84	1.04	0.51	2.51	2.62	19.56
Lily Glen	4.25	3.88	1.04	3.03	3.98	2.06	1.36	2.03	1.01	1.85	1.64	2.28	28.41
Long Creek	3.01	1.88	0.74	2.15	2.84	2.73	0.95	1.40	0.43	0.92	1.36	1.26	19.67
McKenzie Bridge	17.12	11.38	4.44	5.35	5.71	4.94	0.92	3.87	2.98	7.10	10.13	11.08	85.02
McMinnville	11.32	4.91	2.30	3.04	1.53	3.02	0.34	2.66	1.63	4.20	7.02	7.95	40.92
Marshfield	12.32	8.55	4.38	6.38	3.26	3.88	0.10	1.64	4.12	5.47	12.07	8.44	70.61
Maury	2.37	2.18	1.20	2.09	2.21	2.50	0.81	1.13	0.44	0.65	1.64	2.61	19.83
Medford	3.59	2.63	1.66	4.40	2.45	2.19	0.20	0.07	1.11	1.09	3.38	2.06	24.83
Merrill	3.74	4.80	3.45	3.81	3.84	2.40	0.63	0.55	3.06	2.27	3.48	5.35	37.38
Metolius	2.45	0.88	0.76	0.80	1.74	0.78	0.75	0.64	5.34	0.20	0.62	1.30	11.26
Miller Prairie	0.70	1.03	1.17	1.88	1.51	3.12	0.25	1.60	0.65	0.23	1.97	0.75	14.86
Miramonte Farm	9.78	5.10	2.14	2.51	2.21	3.84	0.93	3.73	1.41	3.57	6.78	6.57	48.57
Mountain Home	12.49	9.17	3.37	2.32	2.18	4.05	2.33	4.94	2.24	6.26	10.09	13.73	73.17
Mountain Ranch	11.84	7.51	5.52	6.48	2.82	2.58	0.00	0.20	2.62	4.77	8.11	6.15	58.23
Mount Angel	9.14	4.48	2.77	2.93	3.07	4.42	0.72	3.56	2.20	4.27	7.06	6.54	51.16
Musick	12.57	10.51	9.83	10.11	9.42	9.11	1.10	5.99	4.40	8.26	6.85	9.64	97.79
Newport	13.46	5.94	2.12	3.86	3.91	4.33	0.67	5.66	4.35	6.39	13.04	10.05	73.78
Ochoco Creek	4.14	3.00	1.10	2.46	2.75	1.63	1.05	0.55	0.73	0.83	1.58	1.79	21.61
Ortley	12.80	4.03	1.52	1.30	1.25	0.30	0.20	1.30	0.45	1.51	3.08	5.38	33.12
Owyhee	2.37	1.27	0.62	1.62	1.74	1.13	0.23	1.31	0.53	1.15	0.90	0.55	13.42
Paisley	2.44	1.83	0.57	2.30	2.78	2.36	0.82	0.49	0.75	0.82	0.94	2.25	18.35
Pendleton	4.18	1.77	1.25	2.00	3.09	1.77	0.39	1.79	0.22	1.07	1.28	0.73	19.54
Persist	8.68	5.46	3.83	5.24	3.50	2.83	0.42	0.62	2.68	2.90	5.09	6.47	47.72
Pilot Rock	2.34	2.05	2.04	2.91	3.86	2.13	1.28	2.26	0.38	0.95	1.47	1.14	22.81
Portland	8.01	4.85	1.41	3.04	1.89	3.03	0.48	3.39	1.18	3.36	5.80	8.01	43.45
Post	1.98	1.49	0.55	2.17	1.55	1.70	0.63	0.97	0.44	0.64	0.55	2.07	15.04
Rager Creek	3.53	1.73	0.38	3.04	2.21	2.89	0.72	0.99	0.22	0.79	1.81	2.08	20.39
Ramsey	6.37	2.08	1.88	0.78	1.61	0.61	0.21	0.65	0.34	0.71	1.51	3.62	20.37
Ray Creek	2.44	1.21	0.82	1.60	2.47	2.74	1.15	1.10	0.31	0.73	0.88	0.69	16.14
Reston	10.48	8.83	5.98	5.10	3.15	2.53	0.02	1.05	2.75	4.84	8.26	10.49	63.48
Richland	2.44	2.50	T.	0.45	2.27	0.93	1.35	0.67	0.43	T.	0.40	0.38	11.32
Rio Hermoso	8.40	3.92	1.16	1.37	1.85	1.13	0.11	0.47	0.55	1.05	3.41	4.02	27.44
Riverdale Ranch	1.76	1.01	0.35	1.91	1.51	2.07	0.59	0.71	0.35	0.22	0.68	1.46	12.62
Roseburg	5.96	3.60	4.05	3.86	3.11	3.07	0.20	0.59	1.99	2.22	5.16	4.16	37.97
Rosland	6.18	3.99	2.48	3.16	1.88	1.70	0.70	1.21	0.82	1.09	2.13	4.97	30.31
Salem	5.52	3.94	1.79	2.03	2.40	2.70	0.32	1.81	1.49	3.22	5.78	4.72	35.72
Seneca	2.37	1.42	0.38	2.17	2.93	1.45	0.79	1.27	0.65	0.88	0.61	1.21	16.13
Silver Lake	0.92	0.22	0.92	1.34	1.44	1.97	0.76	1.45	0.46	0.22	0.88	1.88	12.46
Siskiyou	5.48	3.16	3.89	5.03	3.26	3.62	0.19	0.16	3.91	2.57	5.09	4.55	39.90
Sisters	4.09	3.15	3.09	1.96	1.83	0.75	1.02	2.99	0.37	0.67	1.66	3.97	23.55
Sparta	5.74	2.50	0.11	1.59	3.81	3.14	2.15	2.31	0.57	0.29	0.52	3.20	25.75
Stafford	9.82	5.83	1.59	2.47	2.89	4.56	0.94	5.10	1.57	4.17	7.29	6.54	52.77
Starkey	2.89	2.39	0.90	3.29	3.06	2.17	1.79	2.22	1.25	1.47	1.30	1.71	24.44
Susanville	4.82	2.68	1.71	3.95	3.16	2.27	0.99	2.11	0.91	1.84	0.93	2.78	28.10
Tamarack	3.67	1.55	0.61	2.37	2.62	2.26	1.94	1.16	0.57	1.03	1.58	0.96	20.32
Telocaset	2.23	1.81	0.38	0.21	3.04	2.03	1.12	0.35	0.94	0.66	4.48	0.89	18.14
Toledo	15.10	7.85	3.70	5.08	2.50	3.25	0.40	4.50	3.30	4.85	12.05	12.30	74.88
Trail	6.35	4.40	3.08	3.78	2.47	2.39	0.13	0.29	1.71	1.64	4.18	4.50	34.92
Umatilla	1.78	0.56	0.37	1.34	0.92	1.18	0.06	1.10	0.06	0.29	0.78	0.44	8.88
Union	2.23	1.91	0.99	1.42	3.18	2.33	1.50	1.54	0.61	0.87	4.64	0.52	21.74
Valley Falls	0.50	0.32	2.16	1.07	2.55	1.33	0.92	0.79	0.31	0.25	2.94	0.72	13.86
Vida	14.50	10.55	5.41	5.86	5.58	5.18	0.49	4.89	3.14	6.38	10.33	10.29	82.60

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Oregon—Continued.													
Wallace Orchard	7.18	4.43	2.65	2.80	1.92	2.99	0.37	1.90	2.38	3.86	6.42	7.07	43.97
Walloupa	4.44	2.66	1.59	3.21	3.50	1.18	1.17	1.89	1.08	2.27	2.40	4.16	29.55
Wallowa	2.74	1.43	0.63	2.11	3.08	1.44	1.30	2.23	0.63	1.27	1.72	1.59	20.17
Wasco	4.00	2.25	0.92	1.02	0.94	0.53	0.08	0.88	0.17	0.85	1.34	1.83	14.81
Welches	18.75	13.44	3.47	5.51	6.05	4.15	0.67	6.53	2.72	7.04	8.74	15.15	92.22
Weston	4.80	3.26	2.09	3.52	1.93	1.48	0.04	1.91	0.86	2.31	2.03	2.51	26.74
Williams	6.68	4.24	3.30	4.19	1.86	1.39	0.01	0.08	1.14	2.24	4.26	4.04	33.43
Yonna	3.72	1.68	1.02	1.86	2.07	1.61	0.30	0.98	0.88	0.26	2.56	1.52	18.46
Pennsylvania.													
Aleppo	1.74	1.05	4.71	3.31	2.04	4.59	8.04	2.31	4.35	1.48	1.60	2.81	38.03
Allentown	3.25	2.48	5.85	3.37	4.32	2.71	2.85	5.10	7.43	3.31	3.17	3.59	47.43
Altoona	0.76	2.52	5.43	3.10	4.25	3.53	9.03	.....	.....	2.40	2.34	.....	.....
Ansonia	0.69	2.81	3.18	4.50	5.97	2.12	2.90	3.57	4.84	2.06	2.16	1.79	36.59
Austin	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.26	1.66	3.39	.....
Baldwin	1.96	2.19	2.38	3.37	2.03	3.49	.....	5.75	4.06	3.56	1.32	1.70	.....
Beaver Dam	2.06	1.29	4.37	4.45	1.17	6.29	6.11	4.22	5.29	2.11	0.62	2.10	40.08
Beaver Falls	1.73	1.45	3.90	4.83	0.99	7.11	6.87	5.01	2.86	2.47	0.61	2.36	40.19
Bellefonte	1.77	2.34	4.01	4.41	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bethlehem	1.16	2.44	6.83	3.67	4.20	2.58	2.72	4.94	5.96	3.68	2.47	4.77	45.42
Bloserville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.35	3.25	.....
Brookville	1.99	1.26	1.80	2.51	1.51	2.03	6.93	7.72	3.97	3.60	2.00	2.14	37.46
Browers Lock	2.18	2.54	7.70	3.24	3.26	2.35	4.00	5.69	5.99	4.28	3.86	4.81	49.90
California	2.37	1.85	4.63	3.38	2.13	4.24	7.83	4.12	.....	1.60	2.15	2.06	.....
Catawissa	1.52	1.86	4.82	4.45	4.21	2.15	2.90	4.87	7.29	2.13	2.72	3.43	42.35
Center Hall	0.47	2.39	4.37	3.72	3.55	2.01	2.82	3.09	4.80	1.84	2.90	1.12	33.08
Clarion	1.52	1.22	3.12	4.62	1.72	2.57	8.45	4.85	4.31	2.95	1.01	2.50	38.84
Claysville	2.10	1.78	4.77	4.90	1.34	4.61	8.95	4.65	3.87	1.52	1.03	2.71	42.23
Clearfield	1.65	2.56	.....	.....	.....	.....	.....	.....	.....	.....	1.42	2.37	.....
Coatesville	2.79	2.58	7.20	3.32	4.39	4.61	5.24	4.85	5.12	3.36	2.82	4.79	51.07
Confluence	1.81	2.72	6.00	3.11	3.63	6.11	8.20	4.99	7.11	1.48	1.86	2.48	49.50
Coraopolis	1.59	1.45	4.36	4.06	1.90	3.79	6.36	3.03	3.05	2.01	0.70	2.70	35.00
Davis Island Dam	1.84	2.00	4.61	4.04	1.76	3.87	7.34	2.85	2.95	2.16	0.68	2.91	37.01
Derry Station	2.32	2.19	6.32	4.56	2.26	4.48	9.09	6.00	6.23	4.28	0.92	2.55	51.20
Doylestown	2.28	3.26	9.71	4.77	2.69	1.72	2.84	6.76	5.62	5.27	3.90	5.83	54.65
Drifton	2.55	2.52	6.03	6.85	3.29	2.65	3.11	8.42	5.80	3.73	3.32	5.30	53.57
Ellwood City	1.98	1.80	4.20	4.78	1.21	4.51	11.01	4.42	3.34	2.65	0.81	2.42	43.13
Emporium	2.38	2.35	3.52	4.30	3.04	1.38	3.89	6.88	4.95	3.34	1.78	2.32	40.13
Ephrata	1.48	2.07	5.69	2.70	2.19	2.69	6.50	2.91	5.08	2.50	2.28	4.35	40.44
Erie	3.46	1.21	3.12	4.22	3.29	3.07	3.09	5.90	4.59	5.38	2.17	2.59	42.09
Everett	1.21	1.78	4.63	3.83	4.73	4.44	6.67	.....	.....	.....	1.86	1.96	.....
Forks of Neshaminy	2.01	1.97	8.02	4.12	3.16	1.85	4.20	2.59	3.89	3.42	3.86	5.14	44.23
Franklin	2.66	2.09	3.75	5.89	2.54	2.44	5.11	7.43	4.04	3.85	1.56	3.33	44.69
Freeport	2.00	2.02	4.98	4.09	1.96	4.07	6.79	5.30	4.05	2.89	1.20	3.56	42.91
George School	1.80	2.59	8.58	3.44	3.13	1.30	3.89	1.68	2.72	3.01	1.60	4.40	38.14
Gettysburg	1.79	2.73	6.18	3.11	2.81	8.58	4.52	2.27	7.80	1.17	1.91	4.51	47.38
Girardville	2.17	3.51	6.21	6.10	3.17	2.98	7.62	7.63	6.19	3.36	3.49	5.12	57.55
Gordon	1.91	2.67	6.37	5.09	3.38	2.40	4.80	6.28	5.80	2.41	3.40	4.85	49.36
Greensboro	2.18	2.34	5.81	4.02	2.46	4.72	8.56	4.48	6.66	1.56	1.16	2.76	46.71
Greensburg	2.26	1.85	6.60	4.53	1.76	6.38	8.40	5.62	6.51	2.04	1.21	2.59	49.75
Greenville	3.50	2.36	3.75	5.60	1.84	3.53	6.04	6.88	3.86	4.70	1.55	3.01	46.62
Grove City	2.53	1.53	3.02	4.76	2.71	4.55	6.52	7.44	3.85	3.19	1.01	2.82	43.93
Hamburg	2.94	1.13	7.72	7.31	3.77	4.84	3.70	5.19	6.05	4.05	3.34	4.97	55.01
Hanover	0.78	0.37	6.03	2.41	2.63	4.49	4.86	3.28	3.82	1.70	2.05	3.23	35.65
Harrisburg	1.88	2.10	4.91	3.95	2.81	2.78	2.08	3.03	4.27	0.90	1.55	3.83	34.09
Herrs Island Dam	1.88	1.84	4.86	4.40	1.51	4.80	6.82	2.92	2.97	2.32	0.75	2.87	37.94
Huntingdon	1.43	2.77	5.21	4.52	3.97	2.49	4.15	2.73	7.59	1.74	1.85	2.43	40.88
Hyndman	1.48	2.62	5.38	3.65	3.30	5.74	7.08	3.47	6.90	1.30	1.60	2.72	45.24
Indiana	2.23	2.58	6.97	4.95	3.55	4.23	8.75	5.67	8.02	4.61	1.33	2.42	55.31
Irwin	1.61	1.64	5.00	3.92	2.18	4.76	9.08	4.09	5.55	2.83	1.38	2.35	44.39
Johnstown	2.85	3.41	7.40	5.00	5.00	6.69	8.82	5.28	6.12	3.12	1.68	3.33	58.79
Kennett Square	2.24	4.05	8.98	2.60	3.72	2.96	3.33	4.75	5.42	3.53	3.63	5.90	51.11
Lancaster	1.57	1.58	5.66	3.24	4.19	3.20	3.25	3.62	4.79	1.87	2.04	5.34	40.35
Lansdale	3.18	2.18	8.94	3.93	2.73	0.89	3.29	6.54	3.54	5.09	3.89	4.17	48.37
Lawrenceville	0.65	1.75	2.27	2.45	.....	1.95	6.18	5.65	6.73	2.31	2.64	1.80	.....
Lebanon	2.15	2.10	5.53	4.03	.....	.....	.....	2.12	4.74	2.19	.....	4.03	.....
Le Roy	1.20	2.50	3.21	4.93	2.74	1.00	3.98	6.27	6.73	1.98	3.14	1.84	39.52
Lewisburg	1.58	2.57	4.77	4.74	4.27	1.40	6.22	4.89	6.47	2.21	3.17	2.84	45.13
Lloyd	1.00	2.80	3.10	4.02	3.97	0.86	5.08	5.71	4.33	2.13	2.49	2.51	38.00
Lock Haven	1.17	3.38	4.24	4.70	2.92	1.73	2.16	5.11	5.54	2.85	2.55	2.44	38.79
Lock No. 4	1.78	1.51	4.80	4.66	2.25	2.99	8.50	4.45	5.52	1.65	1.38	2.23	41.72
Lycippus	2.55	2.48	7.60	4.22	2.91	6.48	8.50	5.41	6.87	3.40	0.98	2.92	54.32
Marion	2.13	2.14	6.03	4.94	3.85	4.41	3.63	3.14	6.44	1.20	2.01	3.39	43.31
Mauch Chunk	2.03	2.93	5.69	5.23	4.16	2.27	4.22	6.13	4.90	4.56	4.19	5.52	51.83
Mifflintown	1.05	2.19	4.64	4.46	4.57	2.82	5.11	3.49	7.02	1.92	2.18	3.18	42.63
Milford	2.25	2.25	6.23	4.74	2.99	1.34	1.04	5.87	5.75	2.74	2.58	4.54	42.32
Montrose	0.60	1.12	2.45	7.31	3.31	1.57	2.61	5.62	9.34	2.17	3.06	2.10	41.26
Mosgrove	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	3.13	.....
Mountain House	1.73	2.30	4.72	5.02	5.99	3.77	6.14	3.67	4.86	2.08	1.41	2.88	44.57
Mount Gretna	1.88	2.49	6.53	4.75	2.60	3.62	5.18	2.85	4.05	2.62	2.87	4.74	44.18
New Germantown	1.22	2.05	4.86	.....	4.21	3.31	2.77	3.15	6.21	0.98	4.27	2.18	.....
Ottsville	1.82	2.02	7.86	3.24	2.52	2.70	3.23	4.47	5.20	3.53	4.21	4.41	45.21
Parkers Landing	2.09	2.40	4.30	4.80	2.40	2.34	7.38	7.00	4.07	2.73	1.34	3.70	44.55
Philadelphia (Weather Bureau)	2.57	3.30	9.10	2.89	5.38	1.91	4.15	1.71	5.62	2.42	3.21	4.74	47.00
Philadelphia (Centennial Avenue)	3.58	3.59	10.16	2.70	4.40	1.91	3.69	3.32	5.33	2.75	3.64	5.11	50.18
Philadelphia (Frankford)	.....	.....	.....	.....	.....	.....	.....	.....	7.07	3.82	4.38	5.30	.....
Pittsburgh	1.90	1.80	4.83	4.32	1.56	5.67	6.61	2.39	2.89	2.67	0.80	2.86	38.30
Pocono Lake	1.88	2.46	4.15	5.47	3.51	1.38	1.50	6.73	6.20	4.48	1.02	6.48	45.26
Point Pleasant	2.06	2.29	7.93	3.64	3.07	2.26	4.31	4.89	5.02	5.07	3.83	5.07	49.44
Pottsville	1.88	2.73	6.46	5.89	2.53	2.95	5.70	4.23	7.83	3.05	2.80	4.80	50.85
Reading	1.53	2.54	6.24	3.39	2.39	2.01	8.34	4.33	6.02	3.31	2.80	4.56	47.46
Renovo	1.41	3.64	3.09	3.83	3.30	1.26	4.05	5.52	4.97	2.42	2.20	2.19	37.88
Saegerstown	3.72	1.57	3.09	5.06	3.96	3.75	3.16	4.86	2.47	4.07	1.56	2.71	40.58
Saltsburg	2.78	2.12	5.20	3.59	2.10	4.00	6.45	4.45	4.98	2.58	1.33	2.63	42.21
Scranton	2.55	1.57	7.02	3.78	1.44	1.67	2.11	4.91	6.94	2.75	3.75	4.07	42.56

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Pennsylvania—Continued.													
Seisholtzville	1.91	2.58	6.94	4.06	3.95	2.42	5.47	3.98	7.04	2.91	3.26	5.21	49.73
Selinsgrove	0.87	2.09	5.51	4.73	4.66	2.20	8.64	4.78	9.26	2.46	3.76	4.01	52.97
Sharon	.....	.....	.....	.....	.....	.....	.....	7.39	2.87	3.09	1.03	2.13	.....
Shawmont	1.95	3.48	8.72	3.30	3.40	1.41	3.60	4.03	5.39	4.00	4.83	4.78	48.89
Shippensburg	.....	.....	.....	.....	.....	.....	.....	.....	4.04	1.18	1.52	3.61	.....
Skidmore	2.95	1.02	2.05	.....	2.05	.....	6.70	0.90	4.45	2.25	0.85	.....	.....
Smiths Corners	1.69	2.29	8.42	4.15	3.14	2.41	4.68	5.12	5.91	4.77	3.95	5.08	51.61
Somerset	2.90	2.25	5.82	4.95	4.53	6.00	6.86	6.77	11.43	1.55	3.17	4.72	60.95
Springdale	2.03	1.76	4.95	3.64	2.08	5.92	8.46	3.60	4.18	2.26	1.16	3.44	43.48
Spring Mount	1.60	2.17	7.24	3.49	3.32	2.75	6.31	4.64	6.08	3.57	3.29	4.67	49.03
State College	1.66	2.81	4.46	4.08	4.43	2.03	4.22	3.92	4.53	2.13	2.49	2.32	39.08
Stroudsburg	1.88	2.65	6.71	4.32	4.94	1.60	4.29	6.94	5.56	3.53	3.34	4.52	50.28
Towanda	0.68	2.08	2.92	4.87	2.95	1.20	2.99	4.12	6.44	1.97	2.49	1.71	34.42
Uniontown	2.08	1.75	6.00	4.75	2.42	4.22	8.19	7.76	6.41	1.85	1.17	2.08	48.68
Warren	2.70	2.54	2.86	5.91	2.78	1.86	4.04	7.48	5.38	3.63	2.50	2.68	44.36
Welkert	1.46	2.89	4.64	5.15	3.32	1.81	2.66	5.48	6.47	2.14	2.90	2.36	41.28
Wellsboro	0.84	2.76	4.09	4.38	4.19	2.15	3.01	4.53	5.39	1.72	2.15	2.26	37.47
West Chester	2.31	2.70	8.12	3.52	3.48	3.15	4.11	4.73	4.20	4.25	4.08	5.50	50.15
West Newton	2.41	1.07	6.55	4.43	3.01	3.81	12.65	4.51	6.51	1.88	1.29	2.68	50.80
Wilkes-Barre	1.13	1.29	4.49	3.66	1.96	1.68	1.87	3.17	7.85	2.46	2.73	2.86	35.15
Williamsport	1.21	3.07	3.95	4.13	2.58	0.79	3.22	9.65	5.28	2.45	2.93	2.49	41.75
Porto Rico.													
Aibonito	4.10	3.05	0.80	8.60	4.00	1.50	0.00	1.90	8.77	18.09	9.23	4.09	64.13
Alto de la Bandera	2.31	1.37	.....	6.71	4.78	3.23	4.18	9.29	11.78	.....	.....	1.36	.....
Anasco	0.58	1.06	5.57	9.96	12.65	6.65	7.88	11.39	12.97	24.87	13.13	1.66	108.37
Arecibo	0.85	1.15	1.80	3.80	2.60	0.75	6.15	1.95	5.90	7.85	4.20	4.35	41.35
Bacupey	0.47	1.76	2.23	7.32	9.25	2.76	3.73	5.38	9.53	10.45	10.54	4.19	67.61
Bayamon	2.46	1.31	2.61	7.20	6.73	4.47	7.75	6.18	6.17	5.98	10.43	6.90	68.19
Cabo Rojo	0.40	0.70	6.14	8.78	1.65	1.06	7.22	8.44	7.49	17.59	10.13	5.61	75.21
Caguas	2.11	0.83	3.04	6.73	2.15	4.00	2.58	4.76	5.71	12.12	10.84	1.87	56.74
Camuy	.....	.....	.....	.....	1.35	0.53	1.78	2.93	5.25	6.92	6.85	4.72	.....
Canovanas	2.17	1.00	4.13	4.90	2.75	5.18	3.31	5.08	2.88	7.62	7.36	5.88	52.26
Carite Dam	6.04	4.35	6.44	3.66	3.23	7.59	3.51	5.28	5.99	26.83	12.32	2.73	87.97
Cayey	3.03	2.51	1.10	4.40	1.85	3.45	1.77	2.35	2.00	12.20	6.32	1.47	42.45
Central Aguirre	2.62	0.34	3.31	2.74	1.62	3.76	2.28	3.07	6.02	18.18	8.74	0.16	52.84
Cepero	.....	.....	.....	.....	.....	.....	3.76	7.07	18.88	7.28	8.34	6.75	.....
Cidra	2.96	1.47	2.63	3.73	1.43	.....	.....	.....	.....	.....	.....	.....	.....
Coloso	0.27	1.56	4.39	4.15	10.63	11.03	7.46	7.66	14.05	16.99	6.83	1.77	86.79
Comerio Falls	1.54	1.91	3.91	6.34	5.80	3.13	2.71	6.33	8.61	10.67	8.86	5.91	65.72
Corozal	1.75	2.37	1.55	6.68	5.96	2.55	3.51	6.67	4.62	7.41	9.65	4.98	57.70
Destino	3.55	0.77	1.72	2.33	0.20	1.23	2.25	1.53	5.39	10.36	7.58	0.13	37.04
Dorado	3.28	0.81	2.62	4.00	2.84	2.44	1.61	4.39	4.69	6.70	10.42	7.69	51.49
Fajardo	1.14	1.94	2.31	5.51	3.42	3.04	1.78	2.36	3.53	11.14	11.01	3.40	50.58
Guanica Centrale	0.48	1.01	3.06	2.82	0.00	0.60	1.89	3.96	2.45	18.29	6.47	1.67	42.70
Guayama	3.75	0.74	5.87	3.70	1.11	4.83	1.89	2.92	7.74	16.99	8.62	1.09	59.25
Humacao	4.15	3.18	4.29	6.39	6.97	8.44	4.99	5.79	4.70	12.22	15.24	4.30	80.66
Isabela	0.00	2.25	0.85	2.20	2.73	2.20	4.20	4.20	3.82	8.55	8.70	.....	.....
Isidora	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.28	8.95	0.50	.....
Isolina	0.96	2.06	2.56	8.75	10.84	.....	6.45	10.55	16.08	15.85	12.76	5.02	.....
Jayuya	0.28	1.18	2.93	6.82	4.27	1.32	7.94	9.45	8.43	16.32	10.06	2.37	71.37
Josefa	4.41	0.05	4.30	1.52	0.22	2.59	2.21	3.20	5.55	17.52	9.75	0.23	51.55
Juana Diaz	1.22	2.48	3.83	3.54	1.74	2.40	3.32	9.66	6.64	22.92	11.99	1.42	71.16
Juncos	3.95	1.78	.....	.....	.....	.....	.....	4.49	9.55	14.93	14.94	2.17	.....
Lares	0.33	2.08	5.20	8.05	20.13	9.88	9.47	7.15	15.62	26.84	10.30	6.68	121.73
Manati	0.63	2.07	2.63	3.00	5.16	1.91	5.48	3.48	4.68	6.58	8.46	6.75	50.83
Maricao	0.00	2.75	5.80	14.08	11.28	5.85	7.58	13.10	9.93	17.95	10.66	4.55	103.53
Maunabo	4.58	1.43	3.99	2.91	3.40	4.88	3.48	5.33	5.07	13.02	14.08	3.86	66.03
Mayaguez	0.16	1.52	6.60	6.89	9.83	7.90	9.19	14.88	8.57	21.51	16.69	0.21	103.95
Naguabo	4.08	2.92	4.00	8.92	4.51	9.21	4.00	6.55	5.44	11.72	13.79	3.87	79.01
Oriente	2.63	2.60	2.11	5.90	3.88	6.22	1.73	4.23	5.59	13.01	9.64	3.61	61.15
Patillas Dam	5.80	2.10	4.21	5.25	1.98	5.36	1.83	3.95	3.09	19.85	10.82	3.56	67.80
Penuelas (Rucio)	1.44	3.05	2.48	7.01	6.31	1.60	2.87	4.27	10.15	25.84	7.49	2.67	75.18
Ponce	1.00	0.70	1.46	1.82	0.94	1.10	2.09	3.77	3.13	16.46	10.35	0.69	43.51
Potala	1.67	0.00	1.23	3.45	0.20	0.27	1.71	1.21	5.54	15.20	7.95	0.36	38.79
Rio Blanco	4.15	3.72	4.39	11.30	8.34	10.12	4.27	6.91	9.80	15.30	20.89	8.04	107.23
Rio Grande (El Verde)	3.23	2.84	5.33	7.30	6.55	12.60	6.25	10.29	8.88	13.05	7.35	19.74	103.41
Rio Piedras (experiment station)	1.64	0.97	3.37	8.45	4.56	4.15	2.90	5.63	8.11	8.42	10.86	6.21	65.27
Rio Piedras (university)	1.53	1.01	2.27	5.41	3.28	3.12	3.44	4.15	5.42	4.49	8.70	7.35	50.17
Sabana Grande	0.50	1.44	2.82	8.94	2.23	1.68	2.48	6.35	4.34	16.88	15.72	4.12	67.50
San German	0.20	1.33	7.02	16.79	1.48	3.54	7.46	16.52	11.05	24.80	11.67	7.28	109.14
San Juan	2.35	1.08	2.87	6.32	3.24	1.51	2.84	3.74	4.12	7.28	6.41	4.19	45.95
San Salvador	0.51	1.68	2.14	5.73	11.59	1.66	7.13	4.84	5.81	16.60	6.82	3.36	67.87
San Sebastian	1.17	1.49	7.54	6.65	29.73	6.68	13.18	6.20	11.70	15.24	9.69	3.24	112.51
Santa Isabel	2.37	0.46	1.53	3.13	0.27	0.42	1.43	1.31	6.05	11.48	7.21	0.17	35.83
Toro Negro Dam	2.82	2.07	3.38	7.50	1.89	1.51	9.46	8.91	14.71	25.67	15.06	2.54	95.52
Vieques	2.68	2.52	1.52	2.77	1.53	3.92	1.25	0.72	1.91	8.76	8.91	2.10	38.59
Yabucoa	5.01	3.00	5.68	5.70	5.81	6.41	3.15	8.31	6.84	14.52	21.52	4.35	90.30
Rhode Island.													
Block Island	3.29	2.47	7.65	3.85	4.43	0.21	7.17	3.18	1.80	1.14	3.18	5.66	44.03
Bristol	4.28	2.94	8.04	3.98	3.67	0.43	2.02	3.04	2.18	1.81	3.79	6.14	42.32
Kingston	4.29	3.78	9.59	4.61	4.89	0.80	2.93	4.62	2.87	2.13	4.50	6.87	51.88
Narragansett Pier	3.66	3.12	8.86	5.09	3.73	0.92	3.60	3.39	3.11	1.62	4.18	6.84	48.12
Providence	4.09	2.65	6.36	3.61	3.99	0.63	1.76	2.90	1.87	2.37	2.81	5.61	38.65
South Carolina.													
Alton	3.93	5.86	4.60	2.77	2.82	5.80	1.46	4.72	6.29	1.35	3.10	3.40	46.10
Allendale	6.70	4.95	4.70	2.50	3.40	7.38	4.11	3.33	4.35	2.53	1.30	4.00	49.25
Anderson	3.65	6.93	9.97	3.74	3.87	8.06	6.22	2.11	3.64	4.69	3.90	2.74	58.92
Batesburg	5.60	7.54	7.35	5.57	2.20	5.45	3.54	6.07	5.33	1.66	4.17	3.62	58.10
Beaufort	4.64	6.40	4.97	8.43	5.31	5.63	3.22	2.95	10.31	3.07	1.05	6.61	61.99
Blackville	6.54	4.51	5.11	4.69	3.34	5.54	5.45	5.23	8.70	1.40	2.26	3.11	55.88
Blairs	3.27	5.56	6.92	3.41	3.31	3.89	3.12	2.04	3.96	2.81	4.14	1.30	43.73

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
South Carolina—Continued.													
Bowman	8.45	6.55	6.40	3.13	3.05	5.98	5.86	6.70	5.88	0.98	0.63	4.46	58.07
Broxton	5.94	4.37	6.55	7.25	6.57	4.56	7.95	3.80	7.46	1.50	2.54	5.65	64.14
Calhoun Falls	3.68	4.66	7.35	5.13	4.36	6.99	6.88	3.13	6.91	2.84	3.89	4.06	59.90
Camden	4.27	7.41	6.04	3.74	2.08	7.39	3.87	2.96	8.26	1.45	2.28	1.95	51.70
Catawba	3.97	8.28	8.63	2.87	3.28	5.77	6.08	4.24	3.71	2.18	4.05	2.12	55.18
Chappells	2.26	4.82	.....	2.72	.....	5.07	5.90	.....	.....	2.54	4.05	2.08	.....
Charleston	3.85	5.17	4.14	4.92	3.93	6.89	3.05	2.77	10.42	0.98	1.30	3.90	51.32
Cheraw	3.55	4.90	6.83	2.64	4.24	4.38	5.57	6.58	5.06	0.85	2.64	2.14	49.38
Clemson College	3.68	7.37	10.19	5.78	5.33	8.92	4.56	3.35	6.20	4.88	4.02	2.30	66.58
Columbia	4.02	5.52	4.56	2.77	2.62	5.54	4.02	4.80	5.98	1.47	2.41	2.09	45.80
Conway	6.35	5.73	5.50	2.04	4.83	6.07	4.18	1.76	6.11	0.88	1.78	3.65	48.88
Darlington	5.22	5.19	5.94	2.39	6.94	5.12	5.82	4.81	7.67	0.53	.....	2.00	.....
Dillon	5.84	.....	4.74	2.33	5.49	7.52	5.20	2.28	4.14	0.81	0.88	3.30	.....
Edisto	3.76	4.62	5.52	3.80	3.17	6.23	4.49	2.90	6.26	2.57	1.03	2.96	47.31
Effingham	6.88	9.20	6.86	2.05	2.20	6.12	5.42	2.75	3.48	0.52	0.50	3.00	48.98
Ferguson	8.66	6.13	6.00	3.23	4.78	6.92	2.50	4.15	7.68	3.73	0.97	3.74	58.49
Florence	6.16	2.39	.....	2.63	4.54	5.05	5.06	2.64	4.57	0.68	.....	1.15	.....
Georgetown	4.66	3.36	10.02	6.91	7.80	2.44	3.07	2.39	7.83	2.30	1.99	5.70	58.47
Greenville	3.91	6.39	10.29	8.17	7.14	6.58	4.89	2.65	4.30	3.03	3.62	3.16	64.13
Greenwood	5.14	6.16	7.77	4.30	3.57	7.24	7.29	2.35	8.73	4.24	3.03	2.26	62.08
Heath Springs	3.78	6.65	5.14	3.10	3.29	5.60	6.83	2.66	3.67	1.72	4.13	1.88	48.45
Kingstree	7.93	4.75	5.42	2.22	3.61	4.70	5.91	4.93	4.01	1.42	1.44	3.62	49.96
Liberty	3.27	8.89	9.93	7.90	5.11	6.11	8.86	1.76	5.86	3.56	3.45	2.99	67.69
Little Mountain	4.55	6.69	6.72	3.58	1.62	5.06	6.06	3.53	3.94	2.07	6.35	0.90	51.07
Meriwether	4.69	6.80	6.98	6.15	4.42	7.63	5.36	4.83	4.58	2.07	4.66	2.23	60.40
Monetta	3.94	5.40	6.43	4.58	3.45	6.13	3.74	4.53	5.77	1.33	3.50	2.44	51.24
Newberry	3.62	7.18	7.26	4.49	2.36	4.60	3.21	3.51	5.56	2.96	5.32	2.12	52.19
Pelzer	4.00	7.18	10.22	5.26	3.96	7.24	5.60	1.26	3.52	2.96	4.57	2.58	58.35
Pinopolis	2.90	6.78	4.08	4.09	4.55	5.75	10.47	3.11	7.27	2.58	.....	3.52	.....
St. George	6.90	5.58	6.31	3.32	3.34	3.23	7.82	3.96	7.35	1.65	0.93	3.59	53.98
St. Matthews	8.54	6.35	5.88	2.53	2.47	3.65	4.43	6.64	4.73	1.04	1.95	2.74	50.95
Saluda	5.80	8.13	7.54	5.66	3.25	4.38	4.97	3.20	5.12	3.38	4.61	2.15	58.19
Santuck	3.86	7.83	10.79	4.47	2.87	5.30	4.90	1.02	6.66	3.90	3.36	2.21	57.17
Smith Mills	5.82	5.21	3.60	2.71	5.66	3.85	1.61	3.35	5.32	1.20	0.85	3.26	42.44
Society Hill	4.56	6.49	6.05	3.41	4.51	3.46	5.06	3.45	8.13	0.57	1.68	3.40	50.77
Spartanburg	3.87	5.93	10.11	5.03	3.80	6.64	2.96	1.82	2.94	2.74	4.00	2.69	52.53
Summerville	5.15	6.30	5.04	4.94	4.46	8.24	3.83	4.90	11.90	2.19	1.19	5.19	63.33
Trenton	3.42	4.88	7.12	5.09	4.62	4.08	4.62	4.92	3.99	2.35	5.44	2.27	52.80
Walterboro	5.06	5.82	5.95	5.17	6.85	3.65	7.27	6.75	8.89	3.05	1.15	5.11	64.72
Winnsboro	4.89	3.15	7.40	4.01	1.89	2.55	8.09	3.53	6.10	2.60	1.43	3.05	48.69
Winthrop College	3.45	4.67	6.81	4.11	3.86	5.37	6.80	3.40	3.80	1.05	2.00	2.40	47.42
Yemassee	6.29	5.19	5.57	6.22	5.50	5.01	5.21	5.96	6.96	2.95	1.32	2.66	58.84
South Dakota.													
Aberdeen	0.34	0.30	0.90	6.85	3.34	2.73	3.81	2.84	1.72	0.22	0.10	0.37	23.52
Academy	0.11	0.07	0.86	4.17	3.72	0.32	6.26	3.35	1.03	0.50	T.	0.28	20.67
Alexandria	.....	.....	.....	4.28	.....	.....	.....	.....	.....	.....	.....	T.	.....
Ardmore	1.12	0.30	1.35	2.15	0.80	.....	2.16	0.83	.....	.....	.....	.....	.....
Armour	0.35	0.20	1.50	.....	.....	0.70	.....	3.85	1.05	.....	.....	.....	.....
Bellefourche	T.	0.25	0.90	2.05	1.54	1.03	1.76	3.14	2.57	0.80	T.	T.	14.04
Brookings	0.28	0.24	0.71	3.36	6.98	2.09	2.52	4.68	1.61	0.96	T.	0.20	23.63
Bryant	0.23	0.09	0.07	4.64	2.78	1.89	4.37	2.55	1.72	0.22	T.	0.20	18.76
Camp Crook	0.29	0.04	0.38	1.59	1.63	1.35	2.38	2.33	2.01	1.26	T.	0.05	13.31
Canton	.....	.....	0.80	.....	.....	.....	3.47	2.00	1.55	1.15	0.00	0.20	.....
Cascade Springs	0.75	0.23	2.02	2.83	0.99	2.06	3.37	1.44	1.18	0.64	0.18	0.00	15.69
Castlewood	0.21	0.05	0.09	4.46	1.86	1.74	4.63	4.27	1.40	0.39	0.03	0.21	19.34
Centerville	0.56	0.41	1.09	2.39	3.00	0.73	3.52	3.02	.....	1.24	0.00	0.41	.....
Chamberlain	.....	.....	.....	.....	.....	1.20	2.90	4.30	0.52	.....	.....	0.00	.....
Clark	0.62	0.20	0.38	4.26	1.71	2.93	6.93	2.67	1.97	0.24	T.	0.52	22.43
Cottonwood	0.87	0.05	0.30	3.32	1.19	0.95	2.42	3.44	1.30	0.11	T.	0.12	14.07
Custer	0.01	0.90	.....	1.73	1.20	1.92	3.16	1.09	1.48	0.31	0.00	0.00	.....
Daviston	0.46	0.37	0.77	1.06	2.25	0.26	5.45	2.11	2.25	0.88	0.60	T.	15.86
Deadwood	0.35	1.78	1.40	4.60	1.95	2.00	3.10	3.95	4.70	1.30	0.15	1.32	26.60
Deerfield	0.25	0.99	0.88	1.84	1.73	1.37	2.92	1.23	1.67	0.62	0.15	0.46	14.11
De Smet	0.10	0.10	0.45	6.07	2.72	1.60	4.82	4.60	1.92	0.30	0.00	T.	22.68
Dowling	0.50	0.15	0.78	1.65	2.12	1.38	5.13	4.98	1.92	0.35	0.06	0.20	19.22
Dumont	0.56	2.49	1.65	5.04	1.95	1.33	3.14	2.68	3.85	1.03	0.45	1.75	25.72
Eagle Butte	0.87	0.17	1.09	1.24	1.76	1.41	2.18	3.29	1.76	0.12	T.	0.11	14.00
Eales	0.54	0.30	0.80	1.52	2.34	0.81	2.47	1.86	1.13	T.	T.	0.39	12.16
Edson	0.17	0.12	1.24	1.56	4.44	.....	3.44	.....	.....	.....	.....	.....	.....
Elk Mountain	0.75	0.64	1.50	1.53	1.44	0.79	4.42	1.89	1.55	1.12	T.	0.50	16.13
Ellingson	0.17	0.05	0.26	1.38	2.53	0.62	3.91	0.88	2.16	0.93	T.	0.02	12.91
Englewood	0.20	2.80	3.10	2.28	1.15	0.98	4.80	4.05	3.91	0.74	.....	.....	.....
Eureka	0.25	0.40	1.05	1.29	3.37	1.50	2.19	3.27	1.43	0.07	T.	0.11	14.93
Fairfax	0.20	0.19	1.65	2.59	3.99	0.73	5.88	4.05	1.02	0.15	T.	0.15	20.60
Faulkton	0.25	0.11	0.14	2.74	1.59	1.22	2.71	2.65	1.05	0.16	0.00	0.30	12.92
Flandreau	T.	0.24	0.90	3.85	2.94	1.22	3.51	4.13	1.86	0.80	0.00	0.50	19.95
Forestburg	T.	0.15	0.37	4.95	1.85	2.51	3.13	3.25	1.83	0.19	0.00	0.36	18.59
Fort Meade	.....	0.31	1.19	2.90	1.91	0.70	2.78	9.15	2.50	0.80	T.	1.02	.....
Frederick	.....	.....	0.52	4.10	2.97	.....	4.37	3.55	1.04	0.15	0.10	0.15	.....
Greenmont	0.20	1.83	1.50	4.20	1.65	3.27	3.89	2.80	4.97	0.61	0.10	1.31	26.24
Greenwood	0.30	0.10	1.42	3.35	2.29	1.86	4.53	4.06	0.96	0.50	0.00	0.50	19.89
Hardingrove	0.19	0.46	.....	2.08	2.09	2.13	2.90	3.19	1.55	0.02	0.02	0.02	.....
Hardy Ranger Station	0.22	.....	.....	.....	.....	.....	.....	2.69	4.36	0.58	0.20	1.49	.....
Harveys Ranch	0.96	2.67	0.99	7.26	3.09	1.91	4.64	3.42	3.17	0.75	0.50	1.37	30.73
Hermosa	0.16	0.19	1.11	1.55	2.49	1.76	3.62	3.28	0.89	0.29	T.	0.09	15.43
Highmore	0.13	0.11	0.27	1.05	2.20	1.31	1.44	3.39	0.71	0.18	0.00	0.35	11.14
Hopewell	0.38	0.04	1.07	1.81	1.13	2.17	2.88	2.59	1.27	T.	0.00	T.	13.34
Howard	0.33	0.11	0.25	5.21	1.65	1.20	2.85	5.66	1.66	0.39	0.00	0.22	18.93
Howell	0.26	0.48	0.27	2.97	1.90	2.38	1.73	3.41	1.31	0.18	0.00	0.28	15.17
Huron	0.31	0.12	0.44	3.76	2.49	1.68	3.71	2.41	1.40	0.23	T.	0.20	16.75
Ipswich	0.25	.....	0.10	1.94	1.60	1.60	3.50	3.30	0.72	0.13	T.	0.35	.....
Kadoka	0.18	0.16	0.31	2.86	1.14	0.72	3.72	3.81	1.28	T.	0.09	T.	14.18
Kennebec	0.30	0.10	0.60	1.00	2.14	0.92	3.30	2.90	1.16	0.40	0.00	0.25	13.07
Kidder	.....	0.04	0.06	3.30	.....	.....	.....	.....	2.93	.....	.....	.....	.....

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
South Dakota—Continued.													
Kimball	0.19	0.10	0.26	2.09	2.73	0.62	3.86	4.85	0.74	0.01	0.00	0.06	15.51
Lacreek	0.55	.....	.....	.....	.....	2.53	3.82	1.83	.....	.....	.....	.....	.....
La Delle	0.46	0.13	0.27	5.28	3.05	2.26	6.35	3.18	1.67	.....	.....	0.16	.....
Lead	0.41	1.21	1.02	4.22	1.41	2.74	2.66	3.07	4.10	1.04	0.10	0.84	22.82
Lemmon	0.98	0.12	0.67	.....	.....	.....	.....	2.95	3.75	0.87	.....	.....	.....
Manderson	0.27	0.08	0.44	3.37	0.97	1.70	.....	2.62	1.39	1.01	0.15	0.03	.....
Marion	0.41	0.50	1.31	3.88	2.47	1.53	8.00	4.39	2.11	0.78	T.	0.26	25.64
Marston	0.11	0.10	0.09	1.85	1.12	1.06	2.40	3.62	1.32	T.	0.00	0.03	11.70
Meadow	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.01	.....
Mellette	0.31	0.06	0.14	4.20	1.98	1.05	3.95	2.57	1.21	0.09	0.01	0.42	15.99
Menno	.....	.....	0.88	3.40	.....	.....	5.12	4.47	1.73	0.80	0.00	0.40	.....
Milbank	0.21	0.07	0.57	4.40	3.62	1.94	5.58	3.09	1.87	0.38	0.28	0.52	22.53
Mitchell	T.	0.09	0.50	3.96	1.56	1.53	4.94	5.49	1.70	0.22	0.00	0.18	20.17
Mobridge	T.	0.20	0.72	2.65	2.89	0.72	2.85	4.35	1.34	0.15	0.00	0.35	16.22
Murdo	.....	0.05	0.50	3.55	1.60	1.30	4.13	3.15	1.10	0.30	0.00	T.	.....
Oelrichs	1.70	0.51	1.52	4.26	1.40	3.08	5.24	1.84	2.13	0.90	0.75	T.	23.33
Onaka	0.35	0.71	0.39	3.11	2.59	1.41	3.47	3.65	2.41	0.00	0.00	0.40	18.49
Orman	0.07	0.18	0.56	2.18	2.11	0.82	3.72	2.73	3.86	0.71	0.02	0.06	17.02
Ottumwa	0.45	0.30	0.85	2.72	1.23	1.07	1.08	4.50	0.84	0.12	T.	0.10	13.26
Parkston	0.21	0.33	1.44	5.32	2.63	0.22	5.15	4.02	1.15	0.48	0.00	0.51	21.46
Pierre	0.20	.....	0.45	0.89	1.67	0.91	3.22	3.85	1.86	0.10	T.	0.01	.....
Plankinton	0.20	0.11	0.74	4.71	1.88	3.88	5.52	4.84	1.06	0.10	T.	0.32	23.36
Pollock	0.52	0.45	1.07	1.32	2.41	2.43	1.96	2.31	2.21	0.29	T.	0.53	15.50
Rapid City	0.14	0.71	1.19	1.61	2.25	0.93	6.64	2.86	0.90	0.34	0.01	0.21	17.79
Redfield	0.45	.....	0.65	4.87	3.23	1.69	3.06	3.04	1.15	0.09	0.00	0.10	.....
Rochford	0.44	0.62	1.23	2.23	1.46	1.30	3.02	1.72	2.50	0.53	0.11	0.47	15.63
Rosebud	0.65	0.85	0.88	1.57	2.26	2.19	2.97	2.06	1.41	0.83	0.02	0.70	16.39
Rosebud Agency	.....	.....	.....	2.72	2.07	.....	.....	.....	.....	.....	.....	.....	.....
Roslyn	0.12	0.07	0.22	7.77	1.87	2.38	4.88	2.47	2.19	0.04	T.	0.38	22.39
Selby	0.48	0.12	0.71	1.10	3.67	1.06	2.76	3.58	2.10	T.	0.00	0.31	15.89
Sioux Falls	0.36	0.08	0.75	2.89	3.26	0.85	7.65	4.30	3.36	0.74	T.	0.39	24.63
Sisseton	.....	.....	.....	6.84	5.43	1.33	8.02	2.33	1.32	0.60	0.04	0.08	.....
Sorum	0.30	0.28	1.93	1.86	3.24	0.52	4.89	1.82	2.09	1.76	T.	0.29	18.98
Spearfish	0.50	0.60	.....	2.13	0.97	1.11	2.15	4.40	3.73	1.11	0.00	0.07	.....
Stephan	0.27	0.10	0.33	1.07	2.83	1.56	1.21	3.78	0.41	0.50	T.	0.15	12.21
Tama	.....	.....	.....	1.00	1.06	.....	.....	.....	.....	.....	T.	0.01	.....
Timber Lake	0.32	0.10	1.03	0.79	2.06	1.16	3.13	4.04	2.23	0.30	0.00	0.20	15.36
Tyndall	0.30	0.08	1.39	3.09	6.56	2.20	5.79	2.64	1.25	0.61	0.00	0.22	24.13
Vale	0.09	0.37	1.11	2.65	2.08	0.37	3.27	4.46	2.86	0.68	0.07	0.09	18.10
Vermillion	0.30	0.55	2.66	2.18	1.34	1.72	3.15	3.47	2.34	1.03	0.27	0.35	19.36
Waters Ranch	0.37	0.52	1.15	4.01	1.40	1.86	2.26	3.80	4.05	1.46	0.10	0.23	21.21
Watertown	0.10	0.35	0.22	5.16	4.30	2.55	5.01	2.29	2.61	0.41	T.	0.30	23.30
Wentworth	0.20	0.22	0.37	4.51	3.71	1.00	3.67	5.56	1.88	0.68	0.00	0.08	21.88
Wessington Springs	0.84	0.50	0.59	3.42	1.89	3.66	.....	.....	1.16	.....	.....	.....	.....
White Lake	0.15	0.05	.....	2.44	1.41	0.38	5.26	3.58	0.68	0.50	0.00	T.	.....
Winner	.....	.....	0.45	2.35	2.61	1.08	5.20	4.24	1.04	0.74	0.00	0.10	.....
Yankton	0.34	0.46	1.52	3.19	4.55	0.69	4.84	2.36	2.68	1.51	T.	0.49	22.63
Tennessee.													
Arlington	.....	.....	.....	11.15	4.30	3.14	4.62	5.37	1.84	3.09	.....	.....	.....
Ashwood	3.50	4.12	6.41	10.18	1.60	2.62	7.04	3.31	3.21	1.20	0.25	5.02	48.46
Benton	3.59	5.06	8.16	6.35	3.81	7.36	3.58	3.67	8.47	1.95	1.88	5.61	54.49
Birds Bridge	1.78	2.95	4.16	7.72	4.97	4.91	6.40	2.96	3.42	1.09	1.93	2.45	44.74
Bluff City	2.70	3.06	6.08	6.14	5.31	4.31	5.67	3.31	3.89	1.96	2.16	2.77	47.36
Bolivar	4.01	5.34	8.46	13.90	2.42	4.95	3.07	5.85	2.89	1.92	1.49	5.03	59.33
Brownsville	2.66	4.75	8.96	10.36	2.91	3.33	2.53	4.96	2.44	2.82	1.24	4.16	51.12
Byrdstown	3.65	3.86	5.86	8.38	4.53	4.48	8.41	2.77	2.75	1.47	0.90	4.23	51.29
Carthage	2.78	3.77	6.67	10.00	5.47	3.72	7.54	5.38	2.00	2.00	1.92	5.70	56.95
Cedar Hill	2.55	4.18	5.70	10.42	4.06	4.79	4.78	3.17	3.56	2.76	0.95	6.44	53.36
Celina	3.46	4.14	7.33	11.01	4.18	4.40	6.68	4.41	4.31	1.02	1.25	5.69	57.88
Charleston	4.43	4.02	9.00	8.29	3.39	5.78	2.84	3.49	4.16	3.78	1.61	7.75	58.54
Chattanooga	3.94	5.04	9.31	9.55	4.49	5.75	5.81	8.88	2.36	1.96	0.64	7.26	64.99
Clarksville	3.20	4.81	5.98	10.22	2.63	4.19	2.87	3.98	2.38	2.09	0.92	5.25	48.52
Clinton	2.89	4.12	7.45	9.34	4.01	3.66	2.82	2.28	2.85	0.59	2.01	6.82	48.94
Covington	.....	.....	7.77	9.93	3.73	4.07	6.89	5.89	1.68	3.69	0.80	1.90	.....
Crossville	.....	.....	9.28	11.18	4.15	5.41	6.63	4.08	4.23	0.83	1.54	6.88	.....
Dandridge	2.18	3.06	6.10	8.61	5.20	6.76	4.60	2.50	2.90	1.84	1.44	4.30	47.49
Decatur	3.99	4.34	10.12	8.74	3.97	5.22	5.53	2.72	2.74	1.21	1.14	7.37	57.09
Dickson	2.97	3.65	7.76	10.17	2.60	5.64	3.72	4.54	3.57	3.10	0.78	6.03	54.53
Dover	3.83	4.23	5.73	11.02	2.49	3.18	5.22	4.83	2.41	1.70	1.21	3.87	49.72
Dunlap	2.77	4.54	8.76	8.48	3.12	7.82	7.39	7.97	3.15	1.72	0.90	6.34	62.96
Dyersburg	4.30	2.90	6.63	6.35	2.98	3.00	6.99	4.77	2.40	1.85	1.50	3.25	46.82
Elizabethton	3.89	2.39	4.60	6.05	3.95	3.80	6.83	3.23	3.28	1.78	0.81	2.11	42.72
Erasmus	4.64	4.72	9.84	12.24	5.42	3.74	6.54	6.36	6.85	0.89	1.31	5.67	68.22
Florence	3.48	4.22	6.90	9.81	2.97	4.59	5.43	4.21	2.08	0.97	2.97	5.31	52.94
Franklin	3.69	5.44	7.15	9.98	3.72	4.68	3.01	3.99	3.39	1.22	1.12	5.50	52.89
Halls Hill	3.25	7.20	6.76	10.05	3.17	7.31	7.26	3.46	1.70	0.90	2.45	6.28	59.79
Hohenwald	4.75	4.24	8.79	10.57	3.42	2.44	8.71	4.63	3.65	1.62	1.39	8.29	62.50
Iron City	3.91	3.96	9.55	9.82	6.44	4.08	3.19	6.59	2.89	1.98	1.38	6.35	60.14
Jackson	2.57	5.31	7.75	10.04	4.10	6.38	2.66	1.81	.....	2.55	0.80	4.84	.....
Jefferson City	2.54	3.08	4.69	4.35	4.06	3.43	7.60	4.23	3.53	2.11	1.26	4.57	49.45
Johnson City	2.08	3.20	4.41	6.82	3.95	3.70	5.13	4.21	2.68	1.49	2.35	1.95	41.97
Johnsonville	3.39	3.87	6.97	8.07	3.35	5.21	6.33	2.39	3.57	2.77	1.14	4.64	51.70
Kenton	4.08	2.85	7.94	10.21	2.43	4.61	3.15	2.79	0.99	2.49	0.48	3.29	46.21
Kingston	3.43	3.91	7.63	9.30	4.01	3.39	4.05	3.17	3.67	0.71	1.51	7.86	52.64
Knoxville	3.00	2.96	7.04	7.98	5.94	2.44	4.32	2.66	5.08	1.30	1.47	6.42	50.61
Lebanon	3.65	3.99	6.92	11.40	3.01	4.76	6.84	4.11	2.81	2.00	1.93	5.16	56.58
Lewisburg	3.79	6.18	7.74	12.60	2.51	3.67	6.36	5.50	3.27	0.78	2.07	6.48	60.95
Loudon	3.21	3.50	7.58	8.50	5.13	2.60	3.84	4.30	3.33	0.92	1.67	7.11	51.69
Lynnville	3.77	5.48	7.94	11.84	2.84	3.40	10.50	6.34	3.01	1.63	1.94	5.65	65.34
McGhee	3.22	2.80	7.03	8.62	3.80	3.11	3.67	5.21	4.12	2.01	1.92	6.72	52.23
McMinnville	4.21	4.77	7.94	.....	.....	.....	.....	3.53	5.27	0.72	1.75	5.76	.....
Maryville	2.15	3.47	7.20	.....	.....	.....	5.65	4.01	.....	1.91	.....	6.15	.....
Memphis	3.41	3.75	9.53	8.01	2.32	4.39	3.27	3.41	2.05	2.64	1.02	3.00	46.80
Milan	2.35	4.30	6.10	10.15	5.33	2.60	9.19	2.52	1.56	2.86	1.57	4.46	52.99

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Tennessee—Continued.													
Mountain City	2.73	2.33	5.29	5.16	5.22	2.23	5.62	4.01	3.94	1.33	1.59	1.97	41.42
Nashville	2.92	4.21	6.00	11.73	4.02	5.66	5.37	3.06	2.46	2.45	0.65	5.14	53.67
Newport	2.39	3.00	4.81	7.17	4.16	5.60	6.55	2.64	3.50	1.45	2.10	3.83	47.20
New River	4.16	4.01	7.78	8.96	4.42	4.87	7.83	3.67	2.44	0.96	0.73	4.98	54.81
Palmetto	3.50	5.98	7.11	12.51	5.24	3.70	9.33	4.78	4.67	0.82	1.49	6.24	65.37
Perryville	3.19	5.62	7.80	14.80	3.62	5.67	8.16	3.40	3.10	2.65	2.07	6.63	66.71
Pinewood	3.12	5.26	7.16	11.17	1.76	4.24	.....	3.94	.....	.....	0.28	.....	.....
Rogersville	2.88	2.44	5.73	8.03	4.85	5.08	5.42	3.35	3.68	1.99	1.58	4.32	49.35
Rugby	5.24	4.87	8.41	9.12	6.53	4.27	8.15	7.83	3.81	1.16	1.42	6.22	67.03
Savannah	3.72	4.54	9.34	9.37	2.27	4.99	4.70	4.21	4.12	1.85	1.26	8.17	58.54
Sevierville	1.93	3.01	5.85	8.20	5.57	4.24	7.39	3.75	3.39	1.70	1.69	4.02	50.74
Sewanee	.....	.....	10.50	6.66	4.55	6.45	7.63	.....	4.06	1.85	0.83	4.27	.....
Sparta	3.96	4.65	8.14	10.11	6.10	3.40	3.61	3.06	2.13	0.74	1.85	3.85	51.60
Springville	3.88	4.41	6.87	11.74	3.05	4.02	6.47	3.48	1.82	2.32	1.57	4.30	53.93
Tazewell	3.42	3.80	7.46	10.44	5.19	2.51	6.72	5.18	3.50	0.72	1.27	7.23	57.44
Trenton	2.74	2.53	7.70	9.00	3.35	3.30	2.24	3.61	1.34	2.52	1.54	2.35	42.22
Tullahoma	4.12	3.95	9.03	7.62	3.54	3.15	9.40	5.21	5.41	1.67	2.31	6.60	62.01
Union City	3.93	2.83	6.24	12.02	2.52	2.14	2.22	2.34	.....	.....	.....	.....	.....
Walling	3.69	3.93	8.46	10.69	7.49	2.45	7.58	2.05	3.65	0.65	1.26	6.16	58.06
Waynesboro	3.95	4.54	8.10	13.07	4.95	3.41	4.64	5.24	3.61	0.99	1.75	8.61	62.86
Wildersville	2.63	.....	7.63	10.52	2.77	3.54	4.24	2.11	2.86	3.26	1.28	4.26	.....
Worsham	3.38	4.30	7.16	9.65	3.10	3.95	10.41	1.63	5.23	1.45	0.79	6.73	57.78
Yukon	4.98	5.70	9.89	.....	6.17	4.42	7.73	5.15	5.68	1 84	1.28	6.53	.....
Texas.													
Abilene	T.	1.16	1.40	2.30	1.80	2.63	0.30	2.81	0.18	1.21	0.33	1.31	15.43
Albany	0.00	2.35	1.63	1.32	1.40	1.71	2.02	4.38	0.00	0.49	0.41	1.63	17.34
Alice	0.38	4.10	0.72	2.12	3.25	5.64	0.77	0.18	3.78	5.20	1.12	0.92	28.18
Alpine	T.	T.	T.	T.	0.43	0.78	0.42	0.30	3.92	0.70	2.20	2.09	10.84
Alvin	1.52	3.99	2.67	5.44	5.54	2.29	6.15	7.74	1.73	5.34	0.86	9.76	53.03
Amarillo	T.	1.94	0.82	0.72	1.67	1.90	1.88	2.28	2.28	0.39	0.02	1.18	15.08
Anahuac	2.38	2.34	4.59	5.27	4.95	6.30	6.30	3.10	0.94	2.54	0.45	10.12	49.28
Antelope	T.	1.95	3.95	2.37	1.32	3.88	1.38	5.08	0.98	2.76	0.18	0.86	24.71
Archer City	T.	2.65	1.61	0.98	0.48	4.10	0.71	3.15	1.54	3.47	0.72	0.83	20.24
Arthur City	1.00	1.20	5.00	3.35	3.23	5.50	0.00	3.26	0.00	0.00	0.40	T.	22.94
Aspermont	0.00	1.08	1.45	0.39	1.02	1.31	2.69	2.46	0.31	2.96	0.70	0.42	14.79
Austin	0.27	3.50	2.19	1.76	0.84	2.82	0.22	0.31	0.13	2.80	2.73	2.60	20.17
Ballinger	T.	1.61	0.56	1.35	5.05	1.50	0.25	1.16	0.00	1.35	1.75	1.38	15.96
Barstow	0.05	0.00	0.00	0.30	0.16	0.00	1.92	1.95	2.22	0.70	1.70	1.50	10.50
Bay City	0.55	1.57	1.60	3.22	4.51	2.42	1.28	1.74	2.41	4.20	3.17	5.48	32.15
Beaumont	2.77	3.31	3.32	9.37	6.96	4.32	6.15	6.33	0.21	1.91	1.19	13.39	59.23
Beeville	0.63	4.82	1.02	3.18	5.78	2.84	0.15	0.91	3.10	4.67	1.37	1.54	30.01
Big Spring	T.	1.02	0.17	0.55	1.10	1.19	1.25	1.04	1.16	1.50	1.13	0.99	11.10
Blanco	0.23	3.16	3.11	3.73	1.09	2.97	1.06	1.06	1.09	3.83	1.90	1.58	24.81
Boerne	0.34	3.55	3.53	2.73	1.15	3.41	0.92	0.86	1.73	3.47	3.84	2.18	27.71
Bonham	0.61	1.33	5.81	5.24	2.52	3.95	1.74	3.39	T.	1.80	0.83	1.78	29.00
Booth	1.20	1.84	2.50	4.66	4.08	1.14	1.33	2.53	2.69	4.09	1.25	7.07	34.38
Bowie	T.	1.88	5.18	2.31	2.33	5.01	1.46	5.14	1.38	3.95	0.14	1.11	29.89
Brady	.....	1.00	0.95	.....	.....	.....	.....	.....	.....	.....	0.85	1.13	.....
Brazoria	1.26	2.55	1.71	4.36	2.99	4.68	2.14	3.01	2.85	4.09	3.68	6.52	39.84
Brazos	0.00	1.73	1.85	1.94	1.11	3.37	1.18	8.90	0.93	0.65	0.28	1.65	23.59
Brenham	0.73	3.25	3.19	4.24	2.74	2.27	0.72	0.33	0.81	3.96	1.20	6.98	30.42
Bridgeport	0.14	1.17	2.86	2.71	1.28	5.00	0.20	5.73	0.76	1.22	0.10	0.66	21.83
Brighton	1.03	2.93	0.40	3.55	11.06	6.19	0.00	0.00	1.05	7.72	1.21	2.09	37.23
Brownsville	3.28	0.17	0.20	1.76	1.59	12.78	0.13	0.12	2.35	13.53	1.40	1.51	38.82
Brownwood	T.	2.02	2.46	1.34	2.49	1.85	0.55	4.92	1.38	1.41	1.38	2.19	21.99
Buena Vista	.....	.....	.....	.....	.....	0.59	0.22	1.81	2.76	0.58	2.18	1.35	.....
Cameron	0.25	3.30	5.11	1.90	1.68	2.23	0.72	.....	0.93	3.33	1.97	5.43	.....
Canadian	0.00	2.80	2.68	2.27	.....	.....	.....	.....	.....	.....	.....	0.40	.....
Carmona	2.96	2.73	5.43	3.44	3.44	3.48	1.35	2.18	0.66	1.62	1.16	7.62	36.07
Carrizo Springs	.....	.....	.....	1.50	1.81	7.45	0.25	0.00	1.05	8.30	1.15	.....	.....
Childress	0.00	2.45	2.55	1.43	2.10	3.51	1.70	3.99	4.50	2.64	0.00	0.10	24.97
Chillicothe	0.00	1.86	3.22	1.82	0.53	4.92	1.00	3.83	3.54	2.54	0.10	0.64	24.00
Clarendon	T.	1.76	1.00	2.14	0.88	1.70	1.73	2.55	6.20	0.44	0.04	0.78	19.22
Clarksville	0.70	1.81	7.25	3.36	3.21	4.17	2.50	2.47	2.60	2.75	1.30	3.70	35.82
Claude	0.00	1.20	0.15	1.60	0.65	2.50	1.96	3.20	3.34	T.	0.02	1.05	15.67
Claytonville	0.00	1.48	1.18	1.89	1.72	1.56	0.04	1.08	0.08	1.78	0.15	0.27	11.23
Clifton	0.05	2.43	6.50	2.03	1.80	2.77	1.60	3.34	2.47	4.39	1.12	2.37	30.87
Coleman	T.	2.35	1.35	0.87	3.55	3.25	1.05	1.61	0.83	0.88	1.60	1.86	19.20
College Station	0.92	2.53	6.58	2.11	4.12	2.21	2.98	0.21	1.14	1.64	0.92	5.33	30.69
Colorado	0.00	1.20	0.28	1.11	0.89	1.67	1.08	2.92	0.06	0.90	0.00	1.90	12.01
Columbia	1.18	2.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbus	0.64	5.62	1.82	4.16	2.48	2.40	1.44	1.38	0.67	5.42	1.60	6.63	34.26
Corpus Christi	0.44	1.49	0.58	1.57	8.45	6.48	0.11	0.04	1.33	4.02	1.58	1.53	27.62
Corsicana	0.40	2.38	4.53	3.75	3.66	1.34	0.24	3.47	0.10	5.14	0.72	3.43	29.16
Cotulla	0.00	1.00	1.00	3.50	5.60	4.45	0.30	0.00	0.02	2.10	0.27	1.20	19.44
Crockett	1.20	2.21	5.68	5.02	1.83	4.10	3.32	1.03	0.35	2.20	0.79	5.87	33.60
Cuero	0.48	4.55	2.36	2.39	1.52	3.37	0.32	2.00	0.74	5.24	1.12	2.49	26.58
Dalhart	0.00	1.30	0.38	2.56	2.37	3.36	0.72	3.34	1.98	0.05	0.00	0.03	16.09
Dallas	0.07	1.46	4.98	3.68	1.04	3.58	1.59	6.16	0.98	1.30	1.39	2.42	28.65
Danevang	0.90	1.50	2.05	3.20	3.90	6.00	1.15	2.45	1.25	5.35	1.90	4.32	33.97
Decatur	0.00	1.10	2.30	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Del Rio	T.	0.37	0.58	1.17	0.08	6.22	0.10	0.17	4.89	1.94	1.09	1.76	18.37
Denison	0.20	2.11	5.26	6.36	3.95	5.33	0.75	6.50	0.90	3.85	0.95	1.70	37.86
Devine	0.46	3.83	2.53	2.47	3.70	4.69	0.55	T.	5.55	2.41	2.35	4.25	32.79
Dialville	0.56	1.72	9.57	6.68	1.42	3.96	0.45	4.75	1.25	1.84	0.51	5.65	38.36
Dilley	0.00	2.05	0.85	2.40	1.65	4.57	0.00	0.00	0.00	2.50	1.25	1.80	17.07
Dublin	T.	1.71	3.13	2.58	4.70	3.74	0.00	2.49	1.30	1.88	0.87	2.27	24.67
Duval	0.30	3.61	3.15	3.50	0.52	3.83	0.19	1.95	0.20	4.13	2.16	2.60	26.14
Eagle Pass	0.04	0.37	0.98	2.12	0.75	8.73	2.70	0.00	0.71	3.15	1.19	1.95	22.69
Eastland	0.15	3.65	1.97	1.24	2.67	3.50	T.	4.00	2.50	0.30	0.60	2.20	22.78
Edna	0.52	1.66	1.52	2.11	2.68	3.55	0.30	2.44	1.70	3.80	2.80	3.61	26.69
El Paso	0.00	0.15	0.27	0.96	T.	1.27	1.11	2.83	1.77	0.50	0.80	0.48	10.14
Encinal	.....	0.70	1.95	3.65	3.65	5.95	0.00	0.00	0.40	4.20	0.12	1.85	.....
Eola	0.00	0.65	.....	.....	T.	.....	.....	.....	.....	.....	2.00	.....	.....
Fairland	0.06	2.18	2.09	3.30	0.46	3.49	2.13	0.92	.....	.....	.....	.....	.....

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Texas—Continued.													
Falfurrias	0.39	1.63	0.35	1.44	1.75	11.13	T.	T.	0.72	4.87	1.22	1.46	24.96
Finley	1.58	2.36	4.83	4.85	2.47	2.30	1.21	4.35	2.70	1.10	1.00	3.55	32.30
Flatonia	0.41	4.53	3.70	1.89	1.28	3.62	1.08	0.92	0.04	4.21	3.48	4.32	29.48
Flint	0.79	1.73	7.46	3.98	2.40	5.96	1.50	3.99	0.46	3.34	0.07	4.49	36.17
Fort Clark	T.	T.	1.55	1.80	0.90	4.15	0.25	0.10	1.90	4.90	0.30	1.90	17.75
Fort Davis	0.00	0.05	T.	0.42	0.15	1.23	3.10	.....	.....	0.76	1.68	1.35	.....
Fort McIntosh	0.00	0.00	0.39	1.42	0.85	7.42	0.00	0.00	1.20	2.12	0.14	1.46	15.00
Fort Stockton	0.05	T.	0.10	0.38	0.12	0.79	0.62	1.89	1.51	1.17	1.98	1.70	10.31
Fort Worth	0.17	1.22	3.34	3.20	2.71	4.26	0.27	6.56	0.83	1.51	0.33	1.95	26.35
Fredericksburg	0.16	2.03	1.56	2.34	0.51	3.16	1.19	0.84	1.22	4.80	1.90	0.87	20.58
Gail	.....	.....	.....	.....	.....	.....	.....	.....	0.81	1.88	0.00	1.58	.....
Gainesville	0.00	1.51	8.11	3.30	2.09	5.84	0.05	4.27	0.37	3.75	0.24	0.73	30.26
Galveston	2.44	1.91	2.00	4.29	4.50	4.03	0.16	1.59	1.04	2.04	0.41	8.61	33.02
Garden City	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.05	1.36	0.84	.....
Gatesville	0.00	1.75	5.40	3.69	0.80	6.85	1.75	0.35	0.95	4.13	1.08	1.77	28.52
Georgetown	0.15	2.57	2.61	2.68	1.24	2.14	0.70	1.07	0.14	4.28	1.43	2.04	21.05
Goliad	.....	.....	.....	.....	.....	.....	.....	.....	1.71	4.38	2.70	2.34	.....
Gonzales	0.57	3.10	1.46	1.75	1.17	7.24	0.82	1.02	0.38	4.02	1.79	3.45	26.77
Goree	.....	.....	.....	.....	.....	.....	.....	.....	0.21	3.46	T.	1.00	.....
Gorham	T.	3.40	5.07	2.52	1.75	2.14	0.25	1.76	3.00	5.69	1.03	1.62	28.23
Graham	0.05	2.84	2.14	1.87	1.03	4.43	0.82	5.40	1.21	0.69	0.15	1.31	21.95
Grand Falls	0.10	0.00	0.00	0.40	0.75	T.	1.00	0.35	0.65	1.55	1.75	1.10	7.65
Grand Saline	0.35	2.86	5.92	5.38	3.27	3.25	0.30	3.47	T.	3.16	1.26	3.17	32.39
Grapevine	0.45	0.76	4.24	5.31	1.05	2.39	0.34	5.26	0.69	1.77	0.34	2.46	25.06
Greenville	0.66	1.85	3.91	3.49	0.95	3.18	3.62	8.80	T.	1.75	0.55	2.62	31.38
Hallettsville	0.45	4.61	2.46	2.17	1.72	2.58	2.20	1.20	1.80	5.68	3.15	3.18	31.20
Hamlin	0.00	1.70	0.62	1.06	1.30	0.72	0.87	2.74	0.66	2.83	0.00	0.68	13.18
Harlingen	.....	1.78	0.38	2.98	0.05	8.45	0.00	0.60	1.76	6.47	0.85	1.72	.....
Harper	0.00	0.79	1.10	1.96	0.35	2.80	0.32	0.43	0.89	3.96	1.85	.....	.....
Haskell	0.00	1.64	1.23	1.41	1.28	1.97	0.94	3.51	0.27	4.21	0.00	1.10	17.56
Hebbronville	0.41	2.20	0.20	1.63	2.98	8.50	0.00	0.00	0.97	2.28	1.32	0.80	21.29
Hempstead	0.85	2.80	3.14	3.28	3.42	1.05	0.60	0.98	0.34	2.54	1.10	6.49	26.59
Henderson	1.63	1.59	8.98	5.41	2.67	5.31	2.38	5.01	2.11	1.33	0.26	5.47	42.15
Henrietta	0.00	5.40	3.00	2.34	1.07	4.48	0.77	3.94	0.11	3.55	0.70	0.64	26.00
Hereford	0.15	1.50	1.75	2.05	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hewitt	T.	2.95	5.14	4.06	1.09	3.46	0.77	1.50	2.74	4.85	1.21	2.48	30.25
Hico	0.01	2.48	2.53	5.07	1.82	2.47	1.49	5.25	2.29	1.50	0.96	1.89	27.76
Hillsboro	0.11	2.39	5.87	3.16	2.12	3.26	0.39	3.50	0.33	3.85	0.43	2.10	27.51
Hondo	0.30	2.26	4.17	3.06	3.37	7.11	0.35	0.25	2.15	3.51	2.57	2.35	31.45
Houston	1.73	3.30	2.91	6.62	5.02	0.77	7.06	2.59	1.27	3.23	0.67	10.09	45.26
Huntsville	2.08	3.04	6.14	4.14	1.88	4.68	2.22	2.32	0.48	1.47	1.94	6.10	36.49
Jayton	0.00	0.60	0.65	1.40	.....	.....	0.00	2.70	0.60	2.70	0.00	0.50	.....
Jewett	0.10	2.20	6.53	4.50	3.43	2.55	1.15	0.80	1.48	3.05	0.85	5.50	32.16
Junction	0.00	0.99	1.06	1.47	0.48	1.55	0.17	0.00	0.50	2.55	2.25	1.52	12.54
Kaufman	0.33	2.17	5.91	4.37	2.12	2.58	0.45	3.35	T.	3.45	0.26	2.80	27.79
Kerrville	0.07	2.05	1.60	2.91	0.19	4.03	0.37	0.16	1.45	3.65	2.03	0.54	19.05
Killeen	T.	2.39	5.64	4.58	0.94	3.45	1.36	0.77	2.10	7.75	2.30	.....	.....
Knickerbocker	0.03	1.27	0.82	1.40	0.60	0.84	0.37	3.20	0.73	0.50	3.08	1.36	14.20
Kopperl	0.00	1.82	4.72	2.40	2.20	2.89	T.	3.35	1.00	1.36	0.60	1.85	22.19
Lagrange	0.36	4.55	3.17	2.77	1.71	4.83	1.49	3.81	0.06	4.26	1.31	6.62	34.94
Lamesa	0.20	0.45	0.97	0.47	0.67	0.70	1.02	2.48	0.61	5.02	0.00	0.71	13.30
Lampasas	T.	2.05	2.90	2.89	0.88	4.02	0.85	0.91	1.23	4.11	1.64	1.77	23.25
La Parra	0.79	1.25	0.48	2.42	4.95	6.23	0.00	0.00	4.00	5.70	1.25	2.30	29.37
Laredo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.29	2.45	.....
Laureles Ranch	0.97	1.98	0.54	2.67	14.03	.....	.....	.....	0.98	4.68	0.92	.....	.....
Liberty	1.31	2.98	4.65	7.68	5.86	6.39	3.90	5.50	1.16	1.22	1.41	11.79	53.85
Llano	T.	1.60	1.85	3.12	0.12	2.14	0.60	0.12	2.89	5.19	1.58	1.75	20.96
Llano Grande	1.44	2.06	.....	2.07	0.00	6.68	0.00	0.06	2.92	4.98	1.82	1.30	.....
Long Lake	0.18	1.87	7.51	5.26	4.32	2.63	0.12	1.42	1.10	2.25	0.90	5.84	33.40
Longview	2.31	2.03	8.08	6.57	2.02	4.35	2.11	15.28	0.26	0.81	1.26	4.32	49.40
Lubbock	0.02	1.28	0.61	0.50	1.58	0.96	3.35	2.37	0.73	2.81	0.01	0.38	14.60
Lufkin	2.55	2.53	4.73	5.02	2.62	4.70	2.41	3.09	0.24	0.88	0.43	7.89	37.09
Luling	0.67	4.34	2.22	2.04	1.24	4.39	1.22	0.46	0.75	4.28	3.73	4.88	30.22
McGregor	0.00	3.20	4.75	2.84	1.20	5.00	1.57	0.00	3.58	4.25	1.58	0.68	28.65
McKinney	0.24	1.30	6.14	6.30	1.55	3.28	1.03	5.53	0.25	1.35	0.23	2.15	29.35
Marathon	0.05	0.40	T.	1.06	0.35	1.23	3.78	2.28	2.05	0.13	2.75	2.97	17.05
Marble Falls	T.	1.44	3.16	3.17	0.25	3.89	1.18	1.31	1.99	6.46	1.90	1.33	26.08
Marfa	0.00	0.02	T.	0.40	0.00	0.65	0.80	.....	.....	1.50	.....	0.85	.....
Marshall	4.13	2.19	10.64	7.17	2.42	5.89	1.60	8.52	0.97	0.55	0.18	4.72	48.98
Matagorda	0.92	3.87	1.98	8.21	3.16	3.63	1.20	0.99	3.65	4.42	2.07	5.29	39.39
Memphis	T.	1.05	1.20	1.02	1.40	0.62	1.40	4.34	4.51	2.18	0.00	0.20	17.92
Mexia	0.33	2.42	6.26	3.07	1.41	1.72	0.10	3.64	0.58	4.70	0.83	4.14	29.20
Miami	0.05	1.71	0.90	0.81	1.05	3.92	4.19	2.67	1.93	0.37	0.20	0.63	18.43
Midland	1.00	1.31	0.10	0.29	7.34	0.79	0.70	1.07	1.20	0.89	0.85	0.85	16.39
Mission	2.24	1.11	0.24	2.73	0.89	7.70	0.40	T.	2.26	5.99	1.54	1.00	26.10
Mobeetie	.....	.....	.....	0.51	1.71	.....	.....	.....	.....	.....	.....	.....	.....
Mont Belvieu	1.24	3.30	4.01	5.55	3.66	4.48	3.03	5.49	0.35	2.21	0.98	16.57	50.87
Montell	.....	.....	.....	.....	.....	.....	.....	.....	1.46	3.07	0.58	2.02	.....
Mountain View	0.02	T.	0.12	0.33	0.31	.....	.....	.....	.....	.....	.....	.....	.....
Mount Blanco	T.	1.35	0.60	1.21	2.15	3.58	1.96	4.05	3.27	1.85	0.05	0.15	20.22
Nacogdoches	1.96	3.57	7.18	7.46	9.44	4.66	0.64	2.30	T.	0.91	0.80	6.49	45.41
New Braunfels	0.46	5.38	2.76	1.51	2.21	2.54	0.77	T.	1.34	2.51	3.07	3.35	25.90
Ochiltree	0.45	3.74	2.84	.....	2.11	3.89	2.93	1.63	2.05	0.00	0.10	0.20	.....
Palestine	0.14	1.54	7.55	4.43	2.73	3.69	0.61	0.46	1.66	2.69	0.57	4.77	30.84
Panhandle	0.30	2.10	2.00	3.12	1.50	0.30	1.55	2.60	4.35	0.02	0.00	0.90	18.74
Panther	0.05	0.52	2.72	1.54	3.33	3.06	0.09	3.76	3.38	1.43	0.57	2.02	22.47
Paris	0.67	1.47	5.91	6.39	1.79	3.94	2.58	6.61	0.98	1.64	0.79	2.32	35.09
Pearsall	0.33	3.67	0.98	1.48	1.84	3.66	0.05	0.00	1.43	1.76	2.22	2.51	19.93
Pierce	0.55	1.24	2.44	2.69	0.87	5.65	1.63	2.00	2.03	3.54	2.40	4.54	29.58
Plainview	T.	1.35	0.63	1.38	1.56	0.74	3.60	2.94	5.75	0.53	0.00	0.40	18.88
Plemons	0.57	2.21	1.06	2.22	5.56	3.95	1.03	2.54	1.72	0.07	0.09	T.	21.02
Port Arthur	3.50	2.50	2.50	4.00	.....	.....	11.00	4.00	.....	.....	.....	.....	.....
Port Lavaca	0.54	2.29	0.96	4.38	4.70	5.21	0.51	T.	0.88	4.53	1.88	1.78	27.66
Post	.....	.....	.....	.....	.....	.....	.....	.....	2.98	3.47	T.	0.62	.....
Putnam	0.00	2.30	0.99	2.35	1.35	1.69	1.00	3.30	0.00	0.90	0.30	1.10	15.28
Quanah	0.00	1.80	2.35	1.80	0.90	4.85	0.56	3.82	3.65	2.65	0.00	0.90	22.98

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Texas—Continued.													
Raymondville	1.48	1.08	0.32	3.73	0.91	7.80	0.29	T.	1.14	7.62	0.96	1.99	27.32
Ricardo	0.92	2.47	0.46	.....	.....	7.93	0.00	.....	.....	.....	.....	.....	.....
Ringo Crossing	0.48	2.88	5.73	5.08	0.82	2.50	2.98	4.67	0.85	2.25	0.75	3.16	32.15
Rio Grande City	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.20	.....
Riverside	1.45	2.50	6.77	3.05	2.69	3.84	2.57	3.00	2.30	1.75	1.12	6.50	37.54
Rockland	0.18	0.60	7.90	3.80	3.80	2.80	2.10	2.70	2.60	1.00	1.50	5.70	34.68
Rockport	0.77	2.89	0.68	3.16	5.45	3.14	0.35	0.20	2.05	4.50	0.85	2.19	26.23
Romero	T.	1.64	0.81	0.95	2.39	1.81	2.59	3.01	2.20	0.08	T.	0.50	15.98
Rossville	0.36	6.13	1.50	1.60	1.73	4.26	1.18	0.10	2.56	3.04	1.02	3.31	27.09
Runge	0.00	2.67	2.37	2.00	1.87	3.57	0.94	0.00	.....	4.00	1.75	1.55	.....
Sabinal	0.17	1.01	2.36	2.55	2.59	9.23	0.79	0.00	2.10	4.63	1.79	2.06	29.27
Salado	T.	2.94	4.65	3.37	1.06	3.49	0.51	0.80	0.69	5.00	2.10	1.70	26.31
San Angelo	T.	2.06	0.40	1.49	1.12	1.62	0.28	2.90	T.	0.92	2.02	2.07	14.88
San Antonio	0.28	5.12	1.86	1.78	1.49	3.22	1.27	0.29	1.47	2.74	1.45	2.76	23.73
San Augustine	4.24	2.77	6.34	5.29	3.32	2.95	2.95	2.95	2.15	1.01	0.52	8.54	43.03
San Juanito	0.91	1.69	0.42	1.98	1.08	11.91	0.06	0.00	2.66	4.53	0.88	1.95	28.07
San Marcos	1.17	5.06	2.55	1.36	1.64	2.71	0.20	0.12	0.25	2.80	3.23	3.02	24.11
San Saba	0.00	1.82	4.49	3.59	4.01	3.74	0.18	0.39	1.31	2.51	1.84	1.79	25.67
Santa Gertrudes	1.43	2.09	0.45	2.41	5.48	7.18	0.00	0.00	3.25	3.57	1.40	2.72	29.98
Sealy	0.80	3.34	1.83	3.12	2.18	1.47	1.47	2.13	0.24	3.98	1.17	6.17	27.90
Seymour	T.	2.55	1.42	1.53	0.46	3.26	1.82	2.81	1.35	1.79	T.	0.85	17.84
Sherman	0.20	3.60	5.82	7.27	2.67	3.38	0.49	3.19	1.57	0.89	1.18	0.74	31.00
Snyder	0.00	1.90	0.77	0.72	1.68	2.54	1.30	0.76	0.80	2.80	0.00	1.12	14.39
Somerville	T.	3.25	3.62	2.00	1.75	2.36	0.25	0.75	0.39	3.35	1.20	4.96	23.88
Sonora	0.00	0.00	0.30	3.55	0.25	0.15	0.65	.....	1.39	0.57	1.05	1.14	.....
Spur	T.	1.15	1.02	1.05	1.99	3.14	0.53	1.66	2.04	1.87	0.00	0.60	15.05
Stamford	0.00	1.35	1.35	2.35	1.18	3.29	1.57	6.95	1.18	3.00	0.10	1.13	23.45
Stowell	3.00	2.50	2.80	6.62	3.00	8.85	5.94	5.70	.....	.....	.....	.....	.....
Stratford	T.	2.22	1.17	1.65	2.10	2.75	1.56	2.19	2.62	0.03	0.10	0.00	16.39
Sugarland	1.46	2.31	2.97	4.32	2.49	1.72	2.46	0.34	3.68	3.86	0.85	8.49	34.95
Sulphur Springs	.....	.....	.....	.....	1.38	2.48	.....	.....	.....	.....	.....	.....	.....
Sutherland Springs	0.48	.....	0.97	1.39	1.83	4.18	0.86	1.00	.....	2.00	1.57	3.30	.....
Taylor	0.10	2.97	3.67	2.41	1.56	3.05	0.25	0.75	0.06	3.18	1.82	3.60	23.42
Temple	0.00	3.03	5.93	3.79	1.27	1.96	0.38	1.58	0.55	4.14	3.22	3.36	29.41
Texline	T.	1.82	0.70	2.20	1.50	2.75	3.45	2.75	.....	.....	.....	.....	.....
Theodore	0.01	0.01	0.02	0.17	0.75	0.17	0.31	0.50	1.70	1.20	1.52	0.98	7.34
Thurber	0.14	1.55	1.83	1.55	1.34	2.54	0.66	3.70	1.86	0.34	0.18	1.43	17.12
Tivoli	0.00	1.55	1.01	2.93	3.53	8.14	0.00	0.00	0.85	3.10	2.65	2.01	25.77
Tulia	T.	3.19	1.15	1.06	1.95	1.03	1.58	3.97	4.10	0.65	T.	1.07	19.75
Uvalde	0.08	.....	.....	1.69	2.64	.....	.....	.....	.....	.....	.....	.....	.....
Valentine	0.00	0.13	0.11	0.61	0.00	1.01	3.32	4.44	3.47	.....	.....	.....	.....
Valley Junction	0.18	3.20	5.10	3.45	2.50	3.08	0.05	0.69	1.10	2.45	1.20	6.27	29.27
Victoria	0.00	2.65	1.66	2.52	3.42	4.44	0.00	0.83	0.67	4.00	1.55	2.20	23.99
Waco	0.00	4.30	8.02	5.38	3.28	4.40	0.32	1.38	2.70	5.82	1.51	2.74	39.85
Waxahachie	0.07	1.95	5.28	2.41	2.97	2.01	0.13	3.94	0.90	3.07	0.40	2.08	25.21
Weatherford	0.07	1.45	3.21	2.93	2.22	5.58	1.06	6.77	0.29	0.98	0.65	2.12	27.33
Wellington	.....	.....	.....	1.80	0.80	3.55	1.58	5.10	5.50	3.50	0.17	0.78	.....
Wichita Falls	0.07	2.30	3.19	2.15	0.96	5.04	1.19	2.42	2.00	3.97	0.00	1.50	24.79
Wills Point	0.90	2.21	4.99	4.72	1.39	2.58	0.23	6.20	0.00	1.61	0.75	3.51	29.09
Winfield	.....	2.97	5.71	7.11	2.22	1.87	2.87	8.38	1.57	2.43	0.17	3.92	.....
Winters	0.00	2.15	.....	1.12	2.43	.....	0.00	1.29	0.00	0.85	1.27	0.75	.....
Utah.													
Alpine	0.43	0.65	3.45	3.27	0.79	0.44	0.92	1.13	0.94	4.61	0.96	0.96	18.49
Aneth	0.09	0.05	1.57	0.28	0.04	0.02	0.56	0.30	0.00	0.97	0.02	0.10	4.00
Beaver	.....	.....	2.30	1.71	0.22	T.	2.00	0.70	0.75	2.59	0.57	0.30	.....
Black Rock	0.20	0.40	2.27	0.71	0.42	T.	0.14	T.	0.70	3.14	0.26	0.10	8.34
Bluff	T.	T.	2.03	0.25	0.05	0.02	1.19	0.51	0.00	0.45	.....	.....	.....
Boneta	.....	.....	.....	.....	0.41	0.35	2.08	0.86	0.58	3.24	0.21	0.47	.....
Burrville	0.20	1.10	0.70	1.60	0.80	0.20	1.12	0.15	0.44	2.48	1.45	0.01	10.25
Castle Dale	0.40	0.60	1.18	0.30	0.15	0.20	2.00	2.10	1.00	3.15	0.30	0.50	11.88
Castle Rock	1.05	0.98	2.89	1.43	2.32	1.87	1.87	2.28	1.20	2.41	0.98	0.53	19.81
Cedar City	0.18	1.80	2.00	1.01	0.60	0.13	0.99	0.47	0.93	3.99	0.73	0.15	12.98
Center	0.10	0.65	2.21	1.28	0.62	0.28	0.59	0.22	0.73	2.68	0.59	0.72	10.67
Clarkston	2.10	2.30	2.48	2.57	1.30	0.88	1.85	2.45	0.38	3.20	3.55	0.60	23.66
Corinne	0.55	0.90	0.85	2.51	0.82	0.84	0.93	1.82	T.	3.12	1.45	0.30	14.09
Deseret	0.90	0.19	1.67	1.06	0.52	0.14	0.57	0.16	1.00	2.07	.....	.....	.....
Dragon	0.10	1.18	1.29	1.06	1.58	1.55	2.10	1.11	0.14	1.69	0.41	.46	12.67
Duchesne	0.02	0.52	2.12	0.56	0.85	0.99	1.24	0.49	0.71	2.40	0.31	0.08	10.29
Elberta	0.22	0.23	2.84	1.32	0.94	0.09	0.65	0.28	0.39	3.07	0.65	0.21	10.89
Emery	T.	0.70	1.40	0.10	0.83	T.	2.03	1.00	0.73	1.01	0.10	0.22	8.12
Enterprise	0.20	0.67	3.99	1.81	0.41	0.20	2.47	0.87	0.00	.....	.....	.....	.....
Erekson	0.26	0.53	3.45	2.50	1.34	0.17	0.98	0.49	0.66	3.30	0.75	.....	.....
Escalante	0.00	0.60	1.36	.....	0.00	.....	.....	.....	0.06	2.51	0.03	0.18	.....
Farmington	0.32	0.62	4.04	3.00	1.32	0.80	1.52	1.52	0.41	1.60	1.30	0.65	17.10
Fillmore	0.15	1.47	3.08	1.71	.....	0.20	0.70	0.27	1.47	3.54	1.40	0.38	.....
Fort Duchesne	0.02	0.00	1.90	0.46	0.09	0.11	0.15	0.07	0.05	.....	.....	0.02	.....
Fruitland	0.24	0.53	2.36	0.84	0.45	1.78	1.35	1.21	1.16	2.74	0.47	0.06	13.19
Garrison	T.	T.	2.51	0.75	T.	.....	.....	0.12	T.	.....	0.37	T.	.....
Government Creek	0.24	0.52	4.00	1.70	1.18	0.21	1.34	0.36	0.86	2.63	0.86	0.38	14.28
Granger	0.65	0.87	3.52	2.78	1.66	0.88	1.96	0.77	0.85	2.68	1.00	0.40	18.02
Grantsville	0.46	0.50	2.17	1.24	0.98	0.74	0.49	0.47	0.61	.....	.....	0.21	.....
Grayson	0.10	0.30	.....	0.30	0.08	0.03	2.78	1.17	0.00	4.75	0.42	0.50	.....
Green River	0.05	0.40	1.17	0.24	0.30	0.40	0.80	0.36	0.32	2.33	0.20	0.30	6.87
Grouse Creek	1.52	0.50	0.45	2.10	1.17	1.46	0.47	1.50	0.58	3.10	0.80	0.44	14.00
Hanksville	0.01	0.42	2.64	0.03	.....	0.66	.....	0.19	.....	.....	.....	0.00	.....
Heber	1.36	0.88	3.97	1.40	1.23	0.66	0.58	1.19	1.57	4.00	1.00	1.04	18.88
Henefer	1.46	1.53	3.99	2.21	1.89	1.52	1.75	2.18	1.15	2.38	1.00	1.05	22.12
Hite	0.08	0.34	2.28	0.44	0.12	0.03	0.47	0.14	0.08	2.25	0.14	.48	6.85
Hurricane	.....	0.00	2.53	0.80	0.90	0.35	2.05	1.20	0.00	5.60	T.	0.00	.....
Ibex	0.10	0.64	2.93	0.95	0.36	.....	.....	.....	.....	.....	.....	T.	.....
Iosepa	0.85	0.64	3.82	2.22	0.33	0.81	0.78	0.36	T.	3.32	0.80	0.25	14.18
Joy	.....	0.10	1.75	0.78	0.20	0.00	0.74	0.35	.....	.....	.....	.....	.....
Junction	0.14	0.07	1.31	1.56	0.16	0.16	0.50	0.43	0.67	2.66	0.45	T.	8.11
Kanab	0.03	0.07	4.38	1.39	0.29	0.04	1.91	2.17	0.35	4.13	0.30	0.20	15.26
Kanosh	0.47	2.14	2.43	1.50	1.45	0.10	0.40	0.36	1.81	2.84	1.83	0.76	16.09

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Utah—Continued.													
Kelton	0.30	0.50	0.62	0.57	0.52	0.10	0.50	0.70	0.46	2.52	0.57	0.27	7.63
Lasal	0.10	0.85	0.76	0.79	0.02	1.86	1.58	0.25	0.08	1.91	.....	0.56	.....
Leeds	.....	.....	.....	.....	.....	.....	1.14	1.37	0.15	5.62	T.	T.	.....
Lemay	0.30	0.10	0.45	0.08	0.75	0.25	0.42	1.45	0.00	0.60	0.30	0.15	4.85
Levan	0.46	0.68	4.16	1.32	1.14	0.18	0.39	0.26	0.94	3.37	1.44	0.78	15.12
Logan	0.95	0.93	2.02	2.25	2.22	0.91	1.98	1.31	0.54	3.04	2.40	0.35	18.90
Low	0.40	0.30	1.65	1.02	0.08	0.07	1.30	0.55	0.50	1.95	0.00	0.10	7.92
Lucin	0.70	T.	0.14	0.46	T.	T.	0.70	0.55	0.07	.....	.....	.....	.....
Manila	0.00	0.57	1.17	0.39	2.86	0.19	0.55	0.76	1.29	1.30	0.24	0.15	9.47
Manti	0.40	0.62	2.19	1.65	1.11	0.55	2.04	0.44	1.24	3.05	0.94	0.45	14.68
Maple Creek	0.85	0.97	3.21	3.05	1.68	0.81	1.21	0.68	0.96	4.63	1.66	0.71	20.42
Marion	1.09	0.78	5.06	2.27	2.19	0.90	1.32	2.53	1.66	3.54	1.27	1.10	23.71
Marysvale	0.38	0.23	1.90	1.06	0.20	0.16	0.45	0.39	.....	.....	0.48	0.36	.....
Meadowville	0.60	0.50	3.01	1.14	1.62	0.40	1.98	1.80	2.40	2.40	0.85	0.80	17.50
Midlake	T.	0.55	0.92	1.16	0.30	0.40	0.80	0.30	T.	2.10	T.	T.	6.54
Midvale	0.61	0.74	3.78	2.34	1.88	0.90	1.76	0.60	1.07	2.79	1.28	1.11	18.86
Milford	0.20	2.40	1.50	.....	0.00	T.	T.	0.00	0.50	1.75	1.00	0.26	.....
Mills	.....	.....	.....	.....	.....	0.11	0.79	0.55	1.11	2.44	0.53	0.03	.....
Millville	0.94	0.50	2.40	2.07	2.41	1.15	1.24	1.37	0.55	2.63	2.85	0.32	18.43
Minersville	0.30	1.46	1.90	.....	.....	.....	.....	.....	.....	3.53	0.38	0.09	.....
Moab	0.16	0.26	2.76	0.65	0.98	0.83	0.90	0.30	0.08	2.95	0.65	0.35	10.87
Modena	T.	0.07	2.70	1.99	0.33	0.05	1.28	0.13	0.06	3.17	0.29	T.	10.07
Monticello	0.20	.....	6.45	1.36	0.03	1.17	3.11	0.52	0.02	4.97	0.28	1.20	.....
Morgan	.....	.....	.....	.....	.....	0.06	1.40	2.23	1.24	2.83	1.34	0.11	.....
Moroni	0.72	0.50	2.56	1.34	1.10	0.87	1.50	0.47	0.91	3.45	0.98	0.90	15.30
Nephi	0.39	0.29	2.80	1.47	1.05	0.17	0.48	0.62	0.47	3.07	1.52	.....	.....
Newcastle	0.03	0.04	1.12	1.06	.....	.....	.....	.....	.....	3.80	0.52	0.25	.....
New Harmony	0.00	1.90	8.16	2.54	0.60	1.01	3.15	1.39	0.95	7.25	0.50	.....	.....
Oak City	.....	2.25	5.17	1.92	1.93	.....	.....	.....	1.08	4.14	.....	0.39	.....
Ogden	0.57	1.00	1.85	4.10	2.22	0.31	2.90	1.23	0.94	2.12	0.91	0.41	18.56
Orderville	0.04	0.06	5.04	2.04	0.25	0.31	1.79	1.72	0.19	5.48	0.39	0.14	17.45
Panguitch	0.14	0.12	2.10	0.95	T.	T.	1.97	0.72	0.13	4.37	0.22	0.06	10.78
Park City	2.32	1.40	9.14	0.19	0.35	0.24	0.33	2.30	0.55	1.37	0.17	1.61	19.97
Park Valley	0.85	1.13	1.05	0.94	0.53	0.84	1.47	1.64	0.36	3.41	0.24	0.30	12.76
Parowan	0.24	0.10	2.16	1.41	0.60	0.33	1.46	0.74	0.31	4.01	1.12	0.27	12.75
Payson	0.55	0.97	4.79	2.72	2.24	0.49	0.69	0.33	0.60	4.19	1.42	0.43	19.42
Pine Valley	0.05	0.90	7.57	2.69	.....	.....	3.05	2.59	0.36	6.75	0.50	0.25	.....
Pinto	0.08	0.82	2.71	0.80	0.46	0.20	2.21	0.92	0.20	5.08	0.73	0.07	14.28
Price	0.30	0.08	2.58	1.19	0.00	1.37	1.04	0.33	0.07	.....	.....	.....	.....
Promontory	2.00	0.80	.....	1.00	.....	0.14	1.00	0.17	0.10	2.25	0.40	0.40	.....
Provo	0.45	0.63	3.15	2.40	1.25	0.58	0.75	0.66	1.25	4.75	1.18	1.05	18.10
Ranch	0.35	0.55	8.23	3.10	0.10	0.14	1.39	1.30	0.00	7.78	0.61	0.44	23.99
Randolph	0.45	0.20	1.20	0.84	1.83	1.19	3.53	.....	.....	.....	.....	.....	.....
Revier	0.79	1.08	2.78	2.08	1.05	0.84	0.66	1.28	0.38	2.33	0.70	.....	.....
Richfield	0.15	1.20	1.87	3.00	.....	.....	1.06	0.38	0.98	1.88	T.	.....	.....
Richmond	2.16	1.18	2.87	3.30	2.70	1.34	1.71	3.03	0.85	3.82	2.90	0.54	26.40
St. George	0.02	0.00	2.17	0.48	0.22	0.72	1.61	0.98	T.	5.42	0.21	0.09	11.92
Saltair	0.52	0.65	2.32	2.11	0.88	0.50	0.74	2.00	0.40	2.34	1.12	0.21	13.79
Salt Lake City	0.74	1.33	3.48	2.34	1.75	0.90	1.51	0.70	0.97	2.97	1.70	0.80	19.19
San Rafael	.....	.....	.....	.....	.....	0.07	0.80	0.01	0.03	.....	.....	.....	.....
Scipio	0.46	1.01	3.57	3.26	1.23	0.30	1.21	0.43	1.34	3.37	1.25	0.61	18.04
Scofield	1.03	0.47	2.27	0.77	1.15	0.95	1.79	1.22	1.66	3.89	0.35	1.56	17.11
Showell	0.65	1.62	0.85	1.65	0.98	1.19	1.19	1.79	0.49	3.15	0.93	0.39	14.88
Silver City	0.40	0.52	2.46	1.19	1.29	0.12	0.91	0.52	0.65	3.06	0.47	0.74	12.33
Springdale	0.00	0.10	2.51	1.30	0.00	0.00	1.35	.....	.....	5.30	.....	.....	.....
Standrod	0.74	0.73	1.63	1.71	1.92	1.57	2.01	2.19	0.66	3.96	0.87	0.63	18.62
Strawberry, East	1.42	0.65	3.16	1.38	0.41	1.22	2.30	0.84	1.38	3.62	1.32	2.55	20.25
Strawberry, West	2.36	1.58	5.61	2.45	1.88	1.32	2.20	1.57	1.86	4.67	2.59	2.00	30.09
Spanish Fork	0.79	0.96	3.81	2.82	1.75	0.59	0.81	0.57	0.76	.....	1.52	1.20	.....
Teasdale	.....	1.60	2.97	0.29	0.58	0.06	1.34	0.21	0.69	2.27	0.22	0.20	.....
Thistle	0.60	1.60	4.21	1.96	1.68	0.30	1.35	.....	1.16	3.43	1.80	3.80	.....
Thompsons	0.06	0.42	2.38	1.14	0.54	0.15	1.22	0.18	T.	2.13	0.54	0.31	9.07
Tooele	0.48	0.79	4.12	2.27	1.87	1.16	0.46	1.17	0.82	4.43	1.68	0.43	19.68
Tropic	0.30	0.30	1.67	1.20	T.	0.21	1.75	1.28	0.00	4.25	0.02	0.10	11.08
Vernal	0.00	0.22	2.24	0.69	0.84	0.03	0.48	0.63	0.40	2.48	0.18	0.09	8.24
Vernon	0.44	0.71	4.28	2.00	1.24	0.47	0.39	1.31	0.73	3.48	0.87	0.49	16.41
Victor	.....	.....	.....	.....	.....	.....	1.07	0.11	1.03	1.32	.....	0.20	.....
Wendover	0.00	0.05	0.45	0.00	0.20	0.09	0.53	0.41	0.18	0.28	T.	0.25	2.44
Whiskey Creek	0.20	1.60	3.10	1.32	0.50	T.	0.60	0.10	0.90	2.40	0.67	0.54	11.93
Whiterocks	T.	0.34	1.21	0.72	0.64	0.48	0.78	1.76	0.49	2.50	0.18	T.	9.10
Woodruff	.....	.....	.....	.....	.....	0.64	3.13	3.23	0.70	2.19	0.30	.....	.....
Woodside	0.12	0.42	1.68	0.39	0.31	0.38	0.36	0.61	0.73	2.28	0.25	.04	7.57
Vermont.													
Bloomfield	1.63	1.42	2.85	2.77	5.74	3.43	2.56	5.16	5.24	1.77	2.93	2.43	37.93
Burlington	0.86	1.94	2.97	2.97	5.55	1.18	3.24	2.55	5.26	2.95	3.51	1.15	34.13
Cavendish	2.70	1.75	3.81	1.89	6.20	.....	4.40	3.62	5.48	5.86	2.69	2.04	.....
Chelsea	1.68	1.35	3.31	.....	5.92	1.21	1.26	3.84	.....	.....	2.85	2.32	.....
Cornwall	2.13	1.80	2.67	2.30	6.03	.....	1.84	.....	.....	3.57	3.48	2.07	.....
Enosburg Falls	1.91	2.11	2.61	3.76	7.37	4.15	2.99	4.89	6.71	3.11	5.23	2.00	46.84
Hyde Park	.....	.....	.....	.....	6.12	1.88	1.59	4.22	4.58	4.56	3.12	2.33	.....
Manchester	1.36	0.48	3.22	0.71	2.18	0.49	1.72	3.79	4.83	5.50	2.69	3.59	30.56
Northfield	1.72	2.37	2.49	1.95	6.84	1.05	3.31	3.46	3.90	4.45	3.56	1.90	37.00
Somerset	3.39	3.34	4.60	4.03	7.04	2.96	3.82	4.18	4.94	8.04	3.62	6.36	56.32
St. Johnsbury	2.13	2.04	2.76	3.14	6.56	2.04	8.17	4.80	5.56	2.15	2.78	2.97	40.10
Wells	2.20	1.66	4.34	3.72	6.54	1.22	3.40	4.49	5.98	3.57	2.50	3.18	42.80
Woodstock	2.48	2.22	3.90	.....	6.67	0.99	2.78	3.13	4.73	4.84	3.14	3.00	.....
Virginia.													
Arvonia	2.53	3.72	10.74	1.96	5.62	2.67	1.89	3.34	5.66	1.04	2.88	2.95	45.00
Ashland	1.70	3.32	9.00	2.09	6.60	2.93	2.29	0.62	4.04	1.13	1.75	2.40	37.87
Blacksburg	1.74	2.65	6.75	3.41	4.60	3.20	5.55	1.75	7.87	1.73	1.97	2.50	43.72
Buchanan	1.99	2.93	6.97	2.42	8.56	3.88	1.41	1.37	6.89	1.37	2.63	2.78	43.20
Burkes Garden	3.76	3.09	9.06	5.49	3.00	3.88	7.43	3.92	3.37	2.04	1.90	2.23	49.17
Callaville	3.53	2.71	6.70	2.22	4.28	3.16	2.71	2.42	3.72	1.27	1.79	2.63	37.14

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Virginia—Continued.													
Cape Henry	2.52	1.95	3.42	2.13	1.86	3.09	1.22	2.43	2.80	0.62	1.72	5.19	28.95
Catawba	1.55	4.00	6.46	2.12	3.70	5.14	3.37	0.35	6.70	1.38	2.87	3.63	41.27
Charlottesville	1.78	2.80	6.85	2.12	11.54	4.18	1.56	0.65	9.63	2.11	3.42	3.15	49.79
Clarksville	1.94	2.49	9.71	3.01	4.30	3.55	2.94	1.05	3.86	1.81	2.31	2.16	39.13
Columbia	2.22	3.02	9.12	2.62	7.25	2.51	1.78	1.21	5.40	1.17	3.11	3.07	42.48
Culpeper	2.02	2.49	6.26	1.64	6.98	3.14	5.03	1.52	7.64	1.53	2.05	3.95	44.25
Dale Enterprise	1.83	2.24	4.62	3.52	4.20	2.79	3.10	1.75	4.76	0.99	1.69	3.51	35.00
Danville	2.06	4.12	9.72	3.78	3.59	7.63	2.37	0.83	6.85	1.00	3.97	1.64	47.56
Diamond Springs	3.40	3.75	5.29	3.03	1.80	5.49	2.02	2.18	3.49	0.92	2.14	4.74	38.25
Dry Bridge	.....	.....	.....	.....	.....	2.60	3.06	1.80	3.65	1.09	2.15	2.97	.....
Eastville	4.39	3.60	5.42	2.98	3.24	3.30	1.47	3.48	2.39	1.05	2.70	2.88	36.90
Elk Knob	3.35	3.46	7.32	9.16	4.03	3.40	3.49	5.03	4.56	0.88	1.86	4.90	51.44
Fredericksburg	2.34	2.89	8.02	1.89	7.01	3.92	6.58	0.91	9.38	1.36	2.31	3.17	49.78
Hampton	3.27	2.92	5.36	2.95	2.37	2.92	2.06	3.75	2.52	0.70	1.55	2.75	33.12
Hot Springs	2.33	1.92	7.20	2.90	3.87	4.82	2.84	2.44	3.66	1.77	2.41	1.50	37.66
Ivanhoe	1.29	2.37	5.77	3.20	2.83	4.44	3.81	1.72	4.66	1.40	1.76	1.92	35.17
Ivor	2.40	3.45	5.20	1.72	.....	.....	4.56	3.10	4.74	1.65	3.20	2.24	.....
Lassiter	1.12	4.07	9.86	2.34	3.80	3.74	3.10	3.35	6.04	0.95	2.33	3.85	44.55
Lebanon	4.72	3.60	5.96	6.03	1.94	2.40	.....	.....	4.50	0.80	.....	.....	.....
Lexington	1.81	2.56	6.67	2.46	6.49	4.48	5.65	2.00	4.09	1.36	2.18	2.18	41.93
Lincoln	2.48	1.85	4.96	2.08	4.30	3.38	3.58	2.11	9.01	0.98	1.71	3.80	40.24
Lynchburg	1.85	3.36	8.54	1.89	4.95	2.35	3.64	1.28	6.98	0.96	2.72	2.36	40.88
Max Meadows	1.43	2.65	5.91	4.66	4.67	4.29	5.49	1.18	4.29	1.47	1.83	1.27	39.14
Mendota	3.55	3.45	7.30	7.56	4.44	4.24	4.04	3.69	4.45	2.07	1.66	4.40	50.85
Mountain Lake	2.10	2.60	6.80	5.41	3.86	1.85	5.39	2.97	6.55	0.84	3.20	2.41	43.98
Mount Weather	2.14	1.42	4.24	2.17	4.77	3.57	4.11	4.54	10.20	1.03	2.49	3.52	44.22
Newport News	3.95	2.62	4.88	2.97	3.11	3.74	2.76	2.82	3.01	0.87	2.44	2.89	36.06
Norfolk	3.39	2.66	5.18	2.78	1.75	4.63	1.86	2.12	2.61	0.78	1.96	4.65	34.37
Onancock	3.69	4.91	6.84	2.00	5.43	3.32	1.78	1.38	.....	1.33	2.90	.....	.....
Petersburg	1.88	3.92	.....	.....	4.11	.....	.....	.....	.....	.....	.....	.....	.....
Quantico	2.66	3.57	6.24	3.63	4.88	4.02	4.73	0.80	7.02	0.47	1.96	3.11	43.09
Radford	1.69	3.05	6.40	4.16	4.88	4.68	3.62	2.66	6.14	1.78	1.86	2.34	43.26
Randolph	3.22	4.69	8.20	3.87	5.21	3.06	4.47	1.63	5.17	0.99	3.62	1.90	46.03
Richmond	2.34	3.76	8.18	2.17	4.59	2.50	1.25	1.49	4.20	0.58	1.73	2.84	35.63
Roanoke	1.87	3.31	7.02	2.03	5.83	1.41	4.10	0.63	4.91	1.37	2.29	1.70	36.47
Rocky Mount	2.28	3.44	8.13	2.05	7.59	3.12	3.85	2.80	5.94	1.39	2.80	2.30	45.69
Ruckersville	.....	.....	.....	.....	.....	.....	3.82	3.02	9.55	1.82	2.90	2.91	.....
Spears Ferry	2.20	2.18	7.97	8.32	4.36	3.23	5.36	3.65	5.52	2.19	1.60	5.87	52.45
Spottsville	2.65	3.41	8.77	3.01	3.65	3.66	1.29	1.66	4.58	2.01	2.51	3.04	40.24
Staunton	1.90	2.44	5.78	2.86	4.98	5.37	3.48	0.91	5.81	0.79	2.32	2.91	39.55
Warsaw	3.05	3.75	6.68	1.66	4.60	.....	.....	2.42	6.74	0.60	4.96	3.05	.....
Williamsburg	1.92	3.45	.....	2.20	2.40	1.60	0.20	2.85	2.18	2.10	1.50	3.30	.....
Winchester	.....	.....	.....	4.18	5.94	2.56	2.45	1.98	6.26	0.67	1.50	3.73	.....
Woodstock (near)	1.69	0.99	3.21	2.25	4.01	3.05	4.31	1.86	4.38	0.44	1.68	2.81	30.68
Wytheville	1.75	2.71	5.24	3.61	4.16	6.57	4.62	1.98	4.84	1.45	1.71	1.61	40.32
Washington.													
Aberdeen	16.74	10.47	3.12	2.60	3.89	3.61	1.34	3.96	4.16	6.82	12.65	12.62	81.98
Anacortes	3.00	2.23	1.40	2.06	2.78	1.49	1.33	3.17	1.70	2.49	3.78	3.99	29.42
Anatone	.....	.....	.....	.....	.....	.....	.....	.....	0.84	0.96	1.99	3.78	.....
Baker	9.89	6.74	2.45	1.84	3.24	2.42	1.36	4.40	1.36	6.69	9.71	8.90	59.00
Bellingham	2.84	1.35	1.13	2.04	2.66	1.50	1.33	4.47	0.96	2.65	4.19	2.30	27.52
Bellingham (near)	4.58	2.53	1.27	2.19	2.55	1.60	.....	4.95	1.15	3.75	5.27	3.52	.....
Blaine	5.59	3.50	0.53	2.69	1.86	2.05	1.50	4.66	0.96	.....	6.40	5.54	.....
Bremerton	6.49	3.74	1.65	1.84	1.64	1.75	1.20	1.66	1.17	3.67	7.76	6.20	38.77
Brewster	2.80	0.68	0.22	2.00	1.51	0.92	0.70	1.99	0.42	1.55	1.57	1.01	15.37
Bumping Lake	8.47	4.71	1.91	0.41	0.73	0.16	0.05	0.17	0.07	1.89	6.57	8.70	33.84
Cedar River	6.96	5.33	2.29	5.42	4.24	4.16	1.16	5.11	1.56	6.46	9.90	7.57	60.16
Centralia	9.85	5.35	2.70	2.57	2.25	3.18	0.58	6.34	1.87	3.24	7.34	8.44	53.71
Clearbrook	7.69	5.49	1.00	3.03	1.11	2.52	3.05	7.81	1.28	4.28	9.80	6.20	53.26
Cle Elum	6.33	3.28	1.64	1.54	1.29	1.45	0.42	1.69	0.58	2.66	3.01	4.80	28.69
Colfax	.....	2.80	1.73	1.40	3.14	1.31	0.34	2.32	0.88	2.23	2.45	3.28	.....
Colville	2.39	0.85	0.65	1.47	2.40	1.37	2.93	1.34	0.66	1.89	3.48	1.67	21.10
Conconully	1.60	0.47	0.43	3.61	2.27	1.10	1.97	2.06	0.57	2.09	1.44	1.02	18.63
Cowiche	3.34	0.64	0.43	0.94	0.31	0.92	0.53	0.52	0.09	0.48	1.20	0.92	10.32
Crescent	1.68	1.26	0.33	1.11	1.72	0.48	0.51	2.03	0.29	1.78	3.49	1.11	15.79
Darrington	13.04	8.83	3.91	2.70	3.85	.....	.....	.....	0.69	5.93	.....	.....	.....
Davenport	2.14	1.19	0.31	0.74	2.17	0.56	0.49	1.64	0.24	1.44	2.42	1.76	15.10
Dayton	3.25	2.51	1.78	2.24	2.33	0.93	0.68	3.04	0.24	2.62	2.31	1.46	23.39
Deer Park	3.29	2.19	0.39	1.89	2.72	1.02	1.13	2.45	1.20	2.15	5.29	2.69	26.41
Detroit	10.29	6.62	2.45	2.87	1.73	2.25	1.36	3.63	1.89	4.60	10.39	10.36	58.44
Dixie	8.59	8.93	4.44	6.26	6.18	2.00	1.62	4.56	1.29	5.21	4.05	3.82	56.95
Douglas Lake	.....	.....	.....	2.09	3.71	1.37	1.14	3.39	1.71	2.60	3.01	3.37	.....
Dryden	.....	1.53	0.88	1.00	1.40	1.31	0.74	0.94	0.34	2.32	2.83	3.60	.....
Ellensburg	1.99	0.70	0.32	0.65	0.52	0.86	0.38	0.95	0.24	0.91	1.46	1.23	10.21
Ephrata	.....	0.75	.....	.....	.....	.....	.....	2.20	.....	.....	.....	.....	.....
Forks	.....	.....	.....	.....	.....	.....	.....	.....	3.12	10.58	18.73	19.62	.....
Fort Simcoe	.....	.....	.....	.....	0.01	0.34	0.04	T.	T.	.....	.....	.....	.....
Gerome	3.39	1.19	0.76	2.98	2.34	0.74	0.85	1.98	0.60	2.67	3.84	1.63	22.97
Goat Lake	14.14	10.11	4.30	4.55	3.68	2.37	3.89	5.45	2.61	11.96	13.85	17.22	94.13
Gold Basin	15.08	10.41	4.32	2.04	.....	.....	1.38	6.43	1.98	11.49	14.16	.....	.....
Gold Creek	4.12	2.93	1.35	1.60	0.80	1.30	0.00	0.85	0.30	1.23	3.25	2.60	20.33
Goldendale	6.42	2.24	1.13	1.06	0.98	0.65	0.14	1.68	0.30	1.24	2.52	3.38	21.74
Granite Falls	6.47	4.36	3.47	4.68	3.81	5.14	2.08	6.93	1.28	6.10	7.05	7.36	58.73
Hanford	.....	.....	.....	.....	0.93	0.22	0.09	0.93	0.04	0.55	1.19	0.46	.....
Hatton	1.49	1.06	0.66	0.75	2.00	0.22	0.30	1.24	0.08	0.78	1.36	0.79	10.73
Huntsville	2.77	2.00	1.64	2.63	2.30	0.93	.....	2.96	0.52	1.87	1.42	1.43	.....
Irene Mountain	1.09	0.42	0.30	2.15	1.52	1.93	2.67	2.24	0.71	1.34	2.07	0.78	17.22
Kennewick	1.88	0.60	0.60	0.73	0.82	0.51	0.10	1.26	0.02	0.64	1.08	0.29	8.53
Kent	.....	.....	.....	3.00	2.30	2.58	0.99	2.52	0.86	4.99	8.30	6.28	.....
Kettle Falls	2.79	1.20	0.49	1.04	2.06	0.63	1.96	1.90	1.07	2.00	3.34	2.30	20.78
Kosmos	9.51	7.12	2.35	2.33	4.15	3.69	1.52	7.18	1.65	5.14	7.22	10.06	61.92
La Center	9.48	5.65	2.64	2.70	2.20	3.93	0.85	5.42	2.48	4.56	6.46	8.48	54.85
La Crosse	2.68	1.46	1.08	0.95	1.40	1.04	0.55	1.78	0.68	1.45	2.19	1.96	17.22
Lake Cle Elum	6.85	2.72	0.85	0.60	1.84	1.34	0.14	2.40	1.13	3.90	5.04	10.16	36.71
Lake Kachess	10.54	6.46	2.82	1.62	2.12	1.77	0.32	3.62	0.51	3.21	5.60	9.92	48.51

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Washington—Continued.													
Lake Keechelus	11.32	8.14	3.02	2.36	2.34	1.73	0.41	4.84	1.04	5.73	9.01	15.07	65.01
Lakeside	3.01	0.86	0.37	0.87	1.14	0.64	0.15	1.04	0.24	1.87	1.49	1.39	13.07
Laurel	10.65	6.41	2.18	1.69	1.40	0.91	0.29	1.42	0.71	4.02	7.53	8.23	45.44
Laurier	2.53	1.56	0.54	1.61	2.54	1.41	2.14	1.70	0.97	1.86	2.55	1.29	20.70
Lester	3.26	2.92	2.45	3.95	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lone Tree	19.84	8.47	2.77	5.05	2.42	2.86	1.50	4.50	2.98	7.22	13.34	11.72	82.67
Longmires Springs	.....	.....	.....	.....	.....	1.45	0.50	5.40	1.60	5.00	.....	.....	.....
Lost Creek	1.50	1.66	0.33	0.10	0.12	0.14	1.24	0.18	0.03	1.00	1.65	0.60	8.55
McConihe	1.23	0.37	0.13	0.31	0.93	0.18	0.12	1.74	0.01	0.89	0.90	0.51	7.32
McCumbers Ranch	10.60	4.80	1.30	1.00	1.25	0.65	0.30	2.10	0.40	3.10	6.40	6.70	38.60
Moses Lake	1.70	0.59	0.47	0.35	1.17	0.19	0.04	0.90	0.19	0.79	1.25	0.64	8.28
Mottinger	3.04	0.86	0.58	1.19	1.50	1.02	0.07	1.67	T.	0.64	0.79	0.53	11.89
Mount Pleasant	3.30	2.61	1.64	1.31	1.96	1.67	1.29	1.93	1.06	2.95	5.20	5.54	30.46
Moxee	1.85	0.58	0.20	0.74	0.30	0.99	0.29	0.49	0.13	0.46	1.04	0.31	7.38
Newport	3.26	2.46	0.97	1.75	2.09	1.44	2.49	2.81	1.00	2.19	5.49	3.64	29.59
North Head	10.40	4.94	2.36	3.19	1.41	4.07	0.94	3.20	2.10	3.49	9.79	7.18	53.07
Northport	2.56	1.33	0.44	1.73	1.40	1.19	1.48	2.22	1.65	1.80	3.13	1.67	20.60
North Sundale	3.40	1.30	0.55	1.26	0.46	0.41	0.39	0.56	0.00	0.70	1.27	1.86	12.16
North Yakima	1.82	0.55	0.21	0.63	0.27	0.98	0.22	0.50	0.17	0.47	1.04	0.36	7.22
Odessa	1.85	0.75	.....	0.74	1.14	0.38	0.19	1.73	0.23	1.34	2.29	1.26	.....
Olga	3.85	2.74	1.40	2.09	2.35	1.73	1.28	3.62	1.14	3.38	5.17	5.05	33.80
Olympia	10.95	6.85	2.82	2.68	2.21	2.20	1.63	3.10	2.08	4.47	9.98	10.59	59.56
Omak	4.24	0.74	0.40	1.24	1.60	1.04	1.90	1.48	0.19	1.50	1.69	0.34	16.36
Oroville	.....	.....	0.12	2.10	0.65	0.65	1.37	1.22	0.63	1.00	2.80	1.05	.....
Peola	3.39	3.13	2.15	2.25	2.59	1.28	1.97	2.73	0.75	1.88	2.29	3.11	27.52
Pomeroy	3.09	2.97	1.75	1.65	2.57	0.55	0.18	1.76	0.46	1.04	1.52	1.22	18.76
Port Crescent	4.71	4.00	1.65	1.10	1.08	1.74	1.35	2.59	1.49	3.06	6.07	6.62	35.46
Port Townsend	1.20	0.77	1.02	1.34	2.23	3.70	0.93	2.29	0.56	1.35	2.17	2.35	19.91
Pullman	1.97	2.84	1.31	1.80	2.85	1.09	0.28	2.14	1.00	1.91	1.86	1.98	21.03
Queets River	17.22	10.52	3.79	7.59	3.47	4.93	2.77	6.99	1.17	7.28	16.48	17.49	99.70
Quiniault	21.36	15.27	6.33	7.86	3.62	5.76	2.81	7.07	6.48	12.52	24.08	25.28	138.44
Republic	1.74	0.70	0.33	2.16	1.59	1.54	2.29	2.17	0.66	1.62	1.16	1.33	17.29
Rex Creek	5.42	1.55	1.91	1.31	0.83	0.97	0.72	1.31	0.60	1.92	2.55	5.41	24.50
Ritzville	2.66	1.20	0.77	0.84	1.85	0.48	0.09	2.13	0.23	1.50	2.29	3.03	17.07
Robertsville	8.38	5.13	1.74	1.54	1.27	0.96	0.30	1.53	0.49	2.31	5.65	4.17	33.47
Rock Lake	2.49	1.92	0.49	0.84	2.69	0.86	0.47	2.16	.....	.....	.....	1.93	.....
Rosalia	2.50	1.70	1.03	0.77	3.31	1.17	1.00	2.10	0.99	1.85	2.58	1.67	20.67
Russells Ranch	7.25	3.64	2.37	0.95	0.91	1.08	0.45	2.27	1.34	1.87	4.45	7.27	33.85
Seattle	4.52	3.11	1.79	1.73	1.64	2.76	1.15	2.49	0.73	3.97	6.82	4.43	35.14
Sedro Woolley	4.48	3.25	1.60	2.92	3.67	3.02	1.18	5.74	1.40	3.49	5.45	6.47	42.67
Sixprong	2.10	0.63	0.73	0.88	0.68	0.75	0.24	0.54	0.14	1.00	1.22	1.42	10.33
Skagit Power Dam	11.84	8.32	1.71	2.75	1.51	1.96	2.16	3.09	1.30	7.07	12.37	16.21	70.29
Snohomish	2.31	3.00	1.70	2.90	2.60	5.30	2.15	5.00	1.30	3.75	6.26	5.64	41.91
Snoqualmie Falls	6.39	4.56	2.54	4.50	3.03	3.91	0.99	3.81	1.53	5.52	9.88	10.10	56.76
Snyders Ranch	3.66	1.00	0.50	2.16	1.85	1.28	0.45	1.46	0.24	1.76	1.54	3.88	19.78
South Bend	18.23	9.79	4.43	3.20	.....	3.65	1.01	6.51	2.84	6.58	16.07	16.61	.....
Spokane	2.31	1.78	0.57	0.94	2.18	0.80	1.30	2.06	0.84	1.61	2.29	1.53	18.21
State University	4.60	3.06	1.88	2.44	1.73	2.65	1.56	2.92	1.48	4.15	6.68	5.00	38.15
Stokes Ranch	3.32	0.89	0.26	2.05	2.19	0.97	1.02	1.81	0.54	2.24	1.91	2.91	20.11
Sumner	7.12	4.20	2.25	3.18	2.47	2.61	1.50	3.22	1.67	3.79	8.36	7.18	47.55
Sunnyside	1.81	0.47	0.06	0.61	1.29	0.97	0.45	0.74	0.10	0.86	0.96	0.32	8.64
Tacoma	7.12	3.84	1.94	2.51	1.74	2.25	1.21	3.44	1.38	3.49	7.89	6.77	43.58
Tatoosh Island	12.34	7.54	2.40	4.24	2.84	3.67	1.48	4.33	3.34	7.02	11.43	12.15	72.78
Tieton Canyon	5.12	1.32	1.76	1.18	1.20	1.26	0.53	1.21	0.64	1.57	2.27	3.48	21.54
Touchet	2.41	0.80	0.77	1.27	1.90	1.36	0.05	1.31	0.10	1.05	0.79	0.63	12.44
Touchet Ridge	8.70	10.23	5.06	6.91	4.84	2.00	3.10	5.18	1.78	4.59	5.18	3.23	60.80
Trinidad	2.84	0.97	0.53	0.82	0.78	0.90	0.62	1.04	0.16	1.11	1.24	0.64	11.65
Vancouver	7.98	4.20	0.72	1.85	1.55	3.13	0.88	3.57	1.40	2.76	5.35	6.10	39.49
Vashon Island	6.80	5.33	2.07	2.82	2.10	3.08	0.98	2.54	1.06	4.65	9.05	7.45	47.93
Wahluke	1.50	0.73	0.00	0.57	1.01	0.25	0.12	1.05	T.	1.08	0.73	0.60	7.64
Wallace	2.02	0.69	0.65	5.02	2.39	1.37	3.59	1.95	1.16	2.19	1.53	0.86	23.42
Walla Walla	2.90	2.18	1.14	2.07	1.95	1.73	0.59	2.67	0.61	2.13	1.77	0.62	20.36
Washougal	9.44	7.79	2.83	3.68	4.03	4.51	0.49	5.60	1.58	4.95	7.16	7.18	59.24
Waterville	2.50	0.37	0.65	1.67	1.49	0.94	0.67	1.08	0.34	1.88	1.20	1.90	14.69
Wenatchee	.....	.....	.....	.....	1.01	1.05	0.53	0.79	0.03	1.20	1.72	2.97	.....
Wenatchee (near)	2.87	0.78	0.54	1.20	1.67	0.83	0.70	1.00	0.36	1.85	1.46	2.28	15.54
White Salmon	10.58	6.23	1.61	0.75	1.61	0.55	0.09	2.01	0.95	3.75	5.41	9.13	42.67
Wilbur	1.40	0.40	0.12	0.16	0.80	1.21	1.03	3.00	0.51	1.75	2.35	0.72	13.45
Wind River	19.80	6.49	4.30	3.48	3.59	1.94	0.56	5.75	1.73	.....	19.50	15.66	.....
Winthrop	3.32	0.82	0.23	1.61	1.49	0.86	1.20	1.56	0.64	1.97	1.56	2.35	17.61
Yacolt	.....	.....	3.71	4.22	3.19	4.52	0.48	6.60	3.31	5.81	12.16	13.43	.....
Yale	19.29	10.40	4.77	4.03	3.32	4.42	0.57	9.30	4.43	9.66	11.63	18.12	99.94
West Virginia.													
Bancroft	3.03	2.95	5.58	4.92	4.31	2.16	6.39	4.83	4.09	1.19	1.28	2.90	43.63
Bayard	3.41	3.50	6.74	3.21	3.97	4.65	8.44	4.43	5.98	1.42	2.86	3.50	52.11
Beckley	2.72	3.34	6.38	5.82	5.44	5.81	5.42	3.35	4.32	0.60	4.03	3.43	50.66
Bens Run	2.19	1.96	5.21	4.28	2.40	3.11	5.48	3.63	1.63	1.47	1.39	3.27	36.02
Bluefield	2.55	2.38	4.99	5.59	4.03	7.49	5.50	4.70	2.79	1.87	1.49	1.91	45.29
Brandonville	.....	3.25	7.83	4.38	3.51	5.24	10.81	4.59	6.87	1.47	1.79	2.09	.....
Buckhannon	3.73	3.24	5.56	3.32	4.08	4.20	9.27	2.61	4.63	0.96	1.75	3.38	46.73
Burlington	1.50	2.60	3.30	2.00	4.00	.....	.....	0.25	4.20	0.20	1.30	1.45	.....
Cairo	1.42	.....	.....	3.77	3.39	6.92	7.10	3.30	1.83	1.23	1.12	2.70	.....
Central Station	1.61	2.22	4.71	3.92	.....	6.45	7.53	2.60	4.06	0.95	1.27	2.37	.....
Charleston	2.56	3.05	5.52	4.28	2.76	3.09	6.15	5.49	2.41	0.70	1.36	2.91	40.28
Cheat Bridge	.....	.....	.....	.....	.....	.....	8.52	3.54	5.50	2.55	2.70	3.25	.....
Cortland	.....	.....	.....	.....	.....	.....	15.22	5.76	6.17	1.87	3.12	4.24	.....
Creston	2.69	2.57	6.04	3.99	4.06	2.79	6.50	2.56	2.47	1.46	1.22	3.44	39.79
Cuba	2.10	1.71	5.87	4.46	3.25	1.94	4.95	2.57	1.93	1.94	0.63	3.01	34.56
Davis	1.11	3.55	4.40	4.50	5.01	6.75	12.68	6.04	6.12	1.93	3.38	4.60	60.07
Doane	.....	.....	.....	6.42	5.20	2.86	7.39	5.13	1.97	1.26	0.88	3.60	.....
Elizabeth	2.36	2.10	5.72	4.52	3.41	3.36	6.63	4.27	1.81	1.40	0.89	3.42	39.89
Elkhorn	4.58	2.39	6.51	7.16	4.02	9.21	8.21	4.10	3.65	3.10	3.84	2.40	59.17
Elkins	2.88	2.11	5.50	2.67	4.35	4.93	10.61	3.30	4.18	1.10	2.46	2.87	46.96
Fairmont	1.73	1.72	6.17	4.04	3.54	3.79	5.89	2.02	4.41	0.97	1.20	2.39	37.87

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
West Virginia—Continued.													
Glenville	4.36	3.10	5.52	3.15	4.36	2.73	12.93	4.62	4.26	1.43	2.38	3.27	52.11
Grafton	3.40	2.95	6.56	3.95	3.79	3.45	7.14	3.13	5.02	1.56	1.84	3.51	46.30
Green Sulphur Springs	2.40	1.36	5.43	4.55	4.39	4.18	4.00	2.81	2.46	1.65	1.51	1.67	36.41
Harpers Ferry	2.01	1.26	4.91	2.48	3.29	1.11	4.88	4.27	9.18	0.42	2.50	3.51	39.82
Hinton	2.42	1.34	6.14	4.82	4.86	5.60	2.98	4.00	3.16	1.96	1.36	2.54	41.18
Holcomb	.....	.....	.....	4.20	5.17	5.37	7.88	4.39	4.54	2.05	2.78	2.82	.....
Huntington	2.38	3.02	6.19	5.34	5.30	2.32	6.90	6.20	3.04	1.56	0.78	2.98	46.01
Lewisburg	2.17	1.41	6.37	4.21	3.43	4.21	3.64	1.21	4.03	1.87	1.76	2.78	37.09
Logan	.....	.....	.....	5.24	4.34	3.61	6.78	4.04	2.60	0.74	2.31	3.43	.....
Lost City	1.86	1.99	3.68	1.43	4.41	2.74	6.34	1.49	4.49	1.15	1.44	3.19	34.21
Lost Creek	2.06	2.74	6.41	3.35	2.30	4.17	5.97	2.72	4.07	1.18	1.46	2.86	39.29
Madison	.....	.....	5.65	4.12	5.67	3.93	6.52	4.56	3.11	.....	.....	.....	.....
Mannington	2.06	2.47	6.14	5.23	2.84	4.21	9.39	2.03	5.57	1.19	1.52	3.00	45.65
Marlinton	2.46	2.80	6.12	3.17	4.52	3.45	2.67	1.88	4.56	1.53	2.18	4.20	39.54
Martinsburg	1.65	2.67	6.10	2.49	4.11	6.33	4.86	2.10	7.93	0.70	1.89	3.75	44.58
Moorefield	1.27	3.41	4.70	1.66	3.69	3.87	.....	.....	4.00	0.21	0.82	2.00	.....
Morgantown	2.43	2.60	6.59	3.37	2.79	3.42	11.17	2.44	3.26	1.10	1.28	1.95	42.40
Moundsville	1.37	1.38	4.30	2.96	1.42	2.29	6.90	2.02	2.71	1.55	0.76	2.60	30.26
New Cumberland	1.62	1.14	4.40	3.94	1.73	3.95	4.80	3.08	1.13	2.40	0.40	2.85	31.44
New Martinsville	1.67	1.79	5.14	3.46	2.44	5.17	5.63	3.96	2.80	1.77	1.22	2.54	37.59
Nuttallburg	.....	2.70	3.40	.....	3.47	5.17	.....	3.96	3.34	1.92	1.55	2.91	.....
Osceola	.....	.....	.....	.....	.....	.....	11.12	5.15	4.25	1.40	2.65	3.94	.....
Parkersburg	2.05	1.57	5.09	4.02	3.78	6.48	8.07	3.05	1.60	1.43	1.03	2.62	40.79
Parsons	4.05	3.85	5.70	2.95	4.21	8.98	14.02	4.45	5.61	1.29	2.26	2.81	60.18
Philippi	2.25	2.33	7.35	3.48	3.03	3.63	6.99	3.41	6.64	1.29	1.91	3.51	45.82
Pickens	6.93	5.08	9.36	4.24	7.50	8.19	11.00	5.65	6.43	2.32	4.08	5.55	76.33
Point Pleasant	2.69	2.34	5.94	3.98	3.32	2.93	9.87	2.91	1.68	1.28	1.00	2.66	40.60
Powellton	2.06	2.40	5.76	4.27	3.85	5.38	7.59	5.03	4.53	1.05	2.16	3.51	47.59
Princeton	4.85	2.05	8.90	8.00	5.35	8.30	7.40	4.85	3.10	2.00	2.85	1.90	59.55
Robertsburg	2.71	2.84	6.10	4.81	4.43	1.93	9.21	6.11	1.76	1.46	0.76	3.51	45.63
Romney	1.14	2.86	5.54	1.37	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rowlesburg	3.23	3.22	7.91	4.23	3.74	3.45	10.42	3.78	5.16	1.73	2.24	3.68	52.79
Ryan	2.82	2.73	5.96	4.73	3.54	4.51	7.89	4.70	2.09	0.77	1.22	3.07	44.03
Saint Marys	2.40	2.06	6.64	4.14	2.04	3.31	4.88	2.71	1.92	1.31	1.13	3.40	35.94
Smithfield	1.93	2.25	6.45	5.24	3.37	2.93	7.01	2.32	4.93	1.44	2.66	3.06	43.59
Spencer	3.75	2.30	5.32	4.61	3.06	2.57	7.87	2.63	2.35	1.10	1.69	3.81	41.06
Sutton	1.91	2.41	3.72	1.99	4.38	3.71	7.23	.....	5.19	1.33	2.62	2.81	.....
Terra Alta	3.28	.....	.....	.....	.....	6.00	6.69	2.76	5.35	2.50	.....	.....	.....
Union	3.83	1.53	6.59	4.72	3.18	4.41	4.94	3.38	3.74	1.64	2.35	2.22	42.53
Upper Tract	1.10	0.72	1.78	1.09	3.76	2.25	6.80	0.68	4.50	0.50	0.95	1.57	25.70
Valley Fork	.....	.....	.....	.....	6.22	2.39	11.39	11.70	.....	.....	1.07	2.13	.....
Webster Springs	.....	.....	.....	.....	5.59	5.04	12.89	4.75	3.49	2.15	.....	.....	.....
Wellsburg	1.89	1.83	4.38	4.10	1.17	4.04	8.42	6.59	4.71	2.03	0.80	2.22	42.18
Weston	3.24	2.98	6.34	.....	3.12	.....	.....	.....	.....	.....	1.50	2.94	.....
Wheeling	2.27	1.75	4.53	4.23	1.16	2.48	5.71	2.56	2.84	1.71	0.63	2.34	32.21
Williamson	3.60	2.44	4.56	6.84	5.46	4.00	9.80	3.84	2.52	0.80	1.36	3.03	48.25
Wisconsin.													
Antigo	0.72	0.37	0.18	2.54	4.54	0.44	8.74	7.88	1.99	1.81	0.90	2.05	32.16
Appleton	0.73	0.50	0.41	2.13	4.94	0.17	8.76	6.07	2.88	1.79	1.24	0.92	30.54
Ashland	0.36	0.10	0.17	2.64	5.34	2.27	2.13	4.76	1.00	1.14	0.71	1.54	22.16
Barron	0.40	0.25	0.35	2.90	6.98	1.28	5.13	8.57	3.39	2.59	0.10	1.83	33.77
Bayfield	0.75	0.40	0.14	2.46	4.02	2.24	2.03	4.34	4.46	1.20	0.20	.....	.....
Beloit	0.52	1.57	1.37	2.41	5.09	1.78	8.06	3.19	5.37	3.31	2.11	1.23	36.01
Big St. Germain Dam	0.72	0.27	0.40	3.29	4.02	2.82	3.32	7.89	2.91	1.88	0.23	1.65	29.40
Brodhead	0.75	1.58	2.30	2.77	4.91	1.40	5.87	3.09	5.73	3.37	1.93	1.37	35.07
Burnett	1.56	1.19	1.21	1.45	5.91	1.04	6.64	3.83	4.84	1.94	1.43	1.47	32.51
Cecil	0.54	0.36	0.43	1.61	4.40	0.76	11.88	5.86	4.09	2.72	1.58	2.20	36.43
Cornell	.....	.....	.....	.....	.....	.....	.....	8.67	2.26	1.91	0.41	1.38	.....
Cornucopia	.....	.....	.....	.....	4.06	2.03	1.90	2.86	2.22	0.93	.....	.....	.....
Cottage Grove	0.64	1.69	1.76	1.81	8.10	1.10	6.28	1.86	6.23	3.34	1.11	2.25	38.19
Crandon	0.60	0.30	0.50	1.70	5.57	1.29	4.55	6.95	2.70	1.61	.....	.....	.....
Darlington	[1] 0.40	1.00	1.11	2.00	5.36	1.21	6.00	3.70	4.92	4.41	1.20	1.10	32.41
Dearskin Dam	0.49	0.10	0.30	2.24	3.71	2.19	3.98	8.07	3.46	2.42	0.41	1.67	29.04
Delavan	0.18	1.11	0.88	2.38	4.18	1.60	10.85	2.22	4.85	4.12	2.82	2.09	37.28
Dodgeville	0.40	1.00	1.30	.....	.....	0.70	5.21	3.70	4.27	2.54	.....	.....	.....
Downing	1.30	0.60	0.50	2.52	6.79	1.68	4.90	7.75	1.92	2.00	0.40	1.50	31.86
Eau Claire	0.53	0.18	0.51	2.99	4.67	1.14	6.62	8.83	3.08	2.17	0.72	2.37	33.81
Florence	1.45	0.41	0.40	2.62	4.74	2.04	2.56	6.65	2.25	1.76	0.80	2.57	28.25
Fond du Lac	1.06	0.94	1.60	0.94	6.27	1.63	7.86	6.56	4.91	2.23	1.95	1.58	37.53
Glen Flora	.....	.....	.....	.....	.....	.....	.....	.....	3.27	2.06	0.30	1.76	.....
Grand Rapids	1.69	0.54	0.80	2.42	6.97	0.32	9.21	7.99	2.75	1.35	1.12	2.06	37.22
Grand River Locks	0.44	0.99	0.47	1.33	8.25	0.69	5.18	7.91	5.52	1.30	1.01	1.51	34.60
Grantsburg	0.90	1.10	1.00	1.58	8.30	2.16	3.95	7.26	3.50	1.22	0.15	1.00	32.12
Green Bay	0.59	0.61	0.88	2.06	7.24	1.03	7.46	3.92	4.70	2.19	1.15	1.49	33.32
Hancock	0.90	1.37	0.80	1.95	5.66	0.68	7.92	8.34	5.31	1.50	0.75	1.75	37.93
Hatfield	0.25	0.18	0.90	2.53	4.53	1.06	11.74	6.66	4.02	1.26	1.13	2.03	36.29
Hayward	0.65	0.45	0.45	2.18	4.81	2.28	2.53	6.10	2.35	.....	0.22	1.44	.....
High Falls	0.10	0.60	0.20	2.17	3.19	1.72	5.05	6.81	4.46	2.85	1.33	1.89	30.37
Hillsboro	0.75	0.90	1.25	1.96	5.40	1.46	6.81	4.52	3.74	1.98	0.85	1.22	30.84
Iron River	0.60	0.65	0.90	1.86	4.73	2.43	2.28	3.53	2.83	1.32	1.20	3.15	25.48
Kewaunee	1.11	1.26	0.56	1.83	8.10	1.44	9.30	4.08	3.97	1.81	2.65	1.38	37.49
Koepenick	0.40	0.60	0.40	4.89	6.10	0.81	7.10	9.45	4.80	1.34	2.10	3.00	40.99
Lac du Flambeau	0.68	.....	0.63	3.13	5.09	.....	.....	.....	.....	.....	.....	.....	.....
La Crosse	0.78	0.27	1.14	3.12	5.88	1.56	6.41	3.33	1.61	1.03	0.90	2.13	28.16
Lake Mills	0.59	0.64	1.37	1.64	10.22	1.38	7.49	2.14	4.79	4.66	1.16	1.89	37.99
Lancaster	0.42	0.70	1.84	1.92	4.15	1.42	6.63	4.22	4.16	2.58	0.72	1.23	30.01
Long Lake	0.53	0.19	0.55	2.84	4.35	2.28	3.39	6.69	2.99	1.53	0.45	2.19	27.96
Madison	0.58	1.50	1.92	1.48	6.57	1.13	5.63	3.16	5.62	2.49	0.89	1.35	32.32
Manitowoc	0.89	0.87	0.85	0.98	5.16	0.59	12.90	3.77	3.44	1.65	1.60	1.68	34.38
Mather	1.20	0.30	1.23	2.18	5.01	0.46	8.71	6.57	3.67	1.40	0.50	2.22	33.45
Manston	0.25	0.40	0.89	1.80	8.55	1.12	9.49	4.65	5.52	2.00	0.95	1.45	36.96
Meadow Valley	0.51	0.27	0.85	1.98	5.56	0.40	8.45	5.29	3.67	1.12	0.57	1.56	30.27
Medford	0.30	0.10	0.40	3.88	6.62	0.12	7.45	7.69	4.75	1.40	0.55	2.55	36.21
Menasha	0.65	0.30	0.47	1.74	5.05	0.65	10.17	5.80	3.72	1.37	0.81	0.82	31.85

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Wisconsin—Continued.													
Menomonee Falls	0.59	1.18	0.97	1.69	9.94	0.70	4.92	2.76	6.51	2.88	1.35	2.13	35.62
Merrill	0.20	[1] 0.20	0.15	4.49	7.19	1.20	15.26	8.38	3.98	2.49	0.78	2.20	46.52
Milwaukee	0.78	2.03	1.68	1.72	8.15	0.92	4.92	2.14	5.84	3.42	1.65	1.34	34.59
Minocqua	0.40	0.30	0.30	3.73	5.08	2.54	3.81	7.92	2.42	1.91	0.26	1.68	30.35
Mondovi	0.28	0.17	0.59	2.64	4.21	3.31	7.08	5.93	1.88	1.16	1.14	1.84	30.23
Mount Horeb	0.77	1.35	1.32	1.86	8.05	0.75	5.76	3.43	5.20	3.29	1.43	1.81	35.62
Muscoda	0.31	1.22	1.14	1.39	3.43	1.47	4.56	2.85	4.30	1.54	0.82	1.33	24.36
Neillsville	0.76	0.22	0.80	2.28	6.06	0.62	7.46	8.45	3.13	1.30	0.95	2.17	34.20
New London	0.59	0.57	0.73	1.35	6.94	1.27	8.69	7.60	3.04	2.21	1.08	2.10	36.17
New Richmond	1.40	0.30	0.70	2.23	7.82	1.71	3.68	7.85	4.13	1.02	0.05	1.66	32.55
Oconto	0.90	0.33	1.22	1.40	4.14	0.92	9.43	9.02	4.85	2.05	1.12	2.07	37.45
Osceola	0.64	0.38	0.60	2.43	6.02	1.02	5.38	5.66	1.92	1.45	0.10	0.78	26.38
Oshkosh	0.70	0.35	0.82	0.61	7.57	0.90	7.01	5.38	5.12	2.43	0.94	0.73	32.56
Park Falls	0.55	0.20	0.41	2.46	4.68	3.93	2.30	6.70	3.83	1.94	0.34	1.76	29.10
Pine River	0.55	0.46	0.67	0.96	5.97	0.90	9.08	6.51	5.36	1.88	1.10	1.86	35.30
Plum Island	0.72	0.55	0.57	1.74	3.87	1.98	3.50	5.45	4.65	2.31	3.65	1.60	30.59
Plymouth	0.68	1.16	1.30	0.83	6.98	0.76	6.12	4.61	7.03	2.31	1.57	1.87	35.22
Portage	0.73	0.78	1.19	1.63	4.86	0.72	6.28	6.79	4.45	2.38	0.87	1.78	32.46
Port Edwards	1.50	0.55	1.07	2.10	7.35	0.22	7.35	6.49	3.49	1.62	0.83	2.65	35.22
Port Washington	1.00	2.20	2.15	1.59	7.63	0.24	6.34	3.64	5.24	3.22	1.63	2.14	37.02
Prairie du Chien	0.51	0.58	1.18	1.78	3.02	0.52	5.97	6.52	3.52	1.72	0.32	1.10	26.74
Prairie du Sac	0.72	0.84	1.05	0.79	4.21	1.46	6.54	3.51	4.00	1.76	0.70	2.00	27.58
Prentice	0.37	0.03	0.40	3.37	8.59	1.44	7.02	7.20	3.91	2.16	0.44	1.44	36.37
Racine	0.25	2.08	1.62	2.18	5.88	1.04	6.49	1.80	3.87	4.45	1.71	1.07	32.44
Rhinelander	0.36	0.17	0.58	3.28	7.11	1.28	4.09	8.32	4.58	2.23	0.85	2.02	34.87
Ripon	0.93	0.99	0.87	0.98	7.22	1.44	7.86	6.35	4.91	1.83	1.57	1.41	36.36
Sheboygan	0.95	1.86	2.00	1.08	7.57	0.89	6.44	5.73	7.74	2.42	1.56	2.98	41.22
Shullsburg	0.45	1.32	1.75	3.10	6.06	2.38	3.95	3.85	5.05	4.83	1.26	1.46	35.46
Solon Springs	0.60	1.00	0.40	2.94	5.15	2.30	1.40	4.60	2.20	1.00	0.10	3.20	24.89
Spooner	0.85	0.25	0.25	1.75	5.34	1.46	1.87	7.22	1.40	1.47	0.10	2.09	24.05
Stanley	0.69	0.03	0.31	3.43	6.07	1.17	5.51	7.35	5.09	1.94	1.10	.....	.....
Stevens Point	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.63	0.45	2.56	.....
Sturgeon Bay	0.80	0.92	0.60	2.31	5.08	1.84	7.27	6.00	8.52	5.11	3.06	2.66	44.17
Sugar Camp Dam	0.52	0.12	0.40	2.81	4.31	1.75	3.97	8.42	2.63	1.97	0.25	2.79	29.94
Superior	0.14	0.22	0.34	2.34	5.75	1.37	1.39	3.81	2.28	0.85	0.15	1.25	19.89
Trout Lake	0.72	0.10	0.60	3.52	3.20	2.09	2.76	5.86	4.93	1.27	0.31	1.85	27.21
Twin Lakes Dam	0.70	0.21	0.45	2.44	3.63	1.83	2.88	8.29	1.31	1.88	0.10	1.50	25.22
Valley Junction	1.03	0.78	1.10	2.36	8.00	0.93	9.54	6.52	4.29	1.99	2.40	2.15	41.09
Viroqua	0.78	0.56	0.60	2.79	4.92	2.82	5.31	3.29	3.35	1.74	0.86	2.06	29.08
Vudesare	1.06	0.40	0.28	2.40	3.14	3.03	4.17	6.26	1.43	1.56	1.15	2.70	27.58
Watertown	1.38	1.67	2.11	1.59	9.13	1.39	8.33	2.53	5.10	3.80	1.06	1.74	39.83
Waukesha	1.36	1.75	1.38	2.26	8.24	0.92	4.93	3.11	5.05	3.09	1.03	2.20	35.32
Waupaca	0.59	0.64	0.79	1.76	7.14	0.70	8.87	6.11	3.51	2.07	1.11	1.83	35.12
Wausau	0.38	0.06	0.59	3.10	5.28	0.56	9.63	7.36	5.30	1.79	0.88	1.96	36.89
Weyerhaeuser	0.74	0.25	0.62	2.67	7.01	1.27	4.50	8.27	3.56	2.21	0.22	1.42	32.74
Whitehall	0.90	0.40	1.30	1.66	4.70	0.80	7.10	6.70	1.90	1.10	0.80	1.70	29.06
Wyoming.													
Afton	1.03	0.80	1.27	0.91	1.64	1.36	2.21	2.12	1.28	1.40	0.66	0.72	15.40
Alta	1.49	1.19	1.49	1.82	1.65	2.22	2.44	3.38	1.48	2.55	4.33	0.10	24.14
Arapahoe	0.21	0.57	1.13	0.48	1.79	0.55	1.50	1.04	3.65	3.10	0.00	0.00	14.02
Barnum	0.32	0.60	0.86	1.10	2.30	0.05	.....	.....	.....	.....	.....	.....	.....
Basin	0.18	0.11	0.52	0.68	.....	0.91	1.42	.....	.....	.....	0.00	0.00	.....
Battle Mountain	0.67	0.40	.....	0.54	.....	.....	.....	.....	.....	.....	.....	0.70	.....
Bedford	3.19	2.35	1.54	0.81	1.91	1.84	1.97	2.05	1.14	1.59	0.94	0.75	20.08
Bennett	0.54	0.49	0.92	0.37	1.25	.....	.....	.....	.....	.....	.....	.....	.....
Big Creek Station	1.80	.....	.....	.....	1.45	0.66	3.99	1.62	.....	2.65	0.34	0.48	.....
Big Piney	.....	.....	.....	.....	.....	.....	1.38	1.41	1.08	0.84	0.00	.....	.....
Border	1.07	1.28	2.25	0.75	1.76	1.54	0.98	1.34	1.32	2.12	0.07	0.10	14.58
Burns	.....	.....	1.48	0.87	1.67	2.74	1.73	3.40	2.52	2.34	1.13	0.67	.....
Casper	0.48	0.79	1.25	2.41	0.88	1.35	3.66	2.10	.....	.....	0.21	.....	.....
Centennial	2.37	3.98	2.75	2.44	3.42	1.54	4.30	0.29	2.85	1.42	0.33	1.99	27.68
Cheyenne	0.44	1.60	1.33	1.62	1.37	1.17	1.82	1.44	3.91	2.59	0.58	0.63	18.50
Cheyenne Experiment Farm	0.34	1.21	1.39	1.53	1.18	0.92	.....	.....	3.52	2.19	0.40	0.49	.....
Chugwater	2.60	2.60	1.20	1.10	1.98	0.94	2.09	2.65	2.37	0.50	0.70	0.63	19.36
Clark	0.29	0.14	1.80	0.98	0.77	1.15	1.72	1.90	2.01	1.45	0.05	0.03	12.29
Cody	0.01	0.31	1.18	0.80	1.65	0.99	1.45	1.35	1.45	1.44	0.06	0.09	10.78
Cokeville	1.49	0.83	1.65	1.18	1.53	1.18	1.58	1.78	0.96	1.38	0.67	0.22	14.45
Crazy Creek	0.48	0.63	1.95	0.94	1.56	1.25	3.29	1.26	1.59	2.24	0.76	1.03	16.98
Daniel	2.60	1.40	3.60	0.20	0.98	0.30	1.10	1.56	0.40	1.90	0.50	0.90	15.44
Dome Lake	1.10	1.40	2.30	7.10	3.42	1.82	3.41	3.16	4.05	3.60	1.60	1.82	34.78
Douglas	0.66	1.05	0.98	3.27	1.36	0.88	2.23	1.35	2.71	1.75	0.39	0.03	16.66
Dubois	0.42	0.38	0.96	3.20	0.24	0.68	2.10	1.46	1.43	0.80	0.05	0.05	11.77
Eatons Ranch	0.80	2.00	2.02	2.60	3.78	1.36	2.60	1.64	4.23	2.51	0.65	0.51	24.70
Echeta	0.45	1.74	2.08	2.31	2.80	1.30	1.04	1.16	3.30	2.45	T.	T.	18.63
Eden	0.25	0.08	0.36	0.44	1.34	0.84	0.72	0.95	0.60	0.59	0.30	0.10	6.57
Elk Mountain	3.08	5.30	1.81	2.80	1.45	1.22	1.89	1.67	2.30	2.62	0.35	1.63	26.12
Encampment	0.69	0.21	1.37	0.69	1.53	0.74	2.05	1.79	1.28	1.66	0.27	0.98	13.26
Ervay	0.31	0.95	0.95	2.10	3.30	3.43	1.18	0.62	4.26	2.17	0.26	0.35	19.88
Evanston	1.42	0.98	2.18	0.93	1.97	1.21	1.63	1.51	1.16	2.05	0.74	0.40	16.18
Fort Laramie	0.51	1.05	1.82	3.01	1.36	1.59	4.85	1.39	2.84	1.25	0.60	0.35	20.62
Foxpark	1.03	2.95	.....	2.50	2.77	.....	1.80	0.70	1.85	1.26	0.57	1.33	.....
Germania	0.11	0.04	0.30	.....	.....	1.51	1.64	2.64	1.46	1.08	T.	0.14	.....
Gillette	0.50	0.96	1.90	1.61	2.51	1.21	1.82	4.62	2.30	1.85	0.20	0.07	19.55
Green River	0.08	0.17	1.75	0.40	2.86	0.27	0.59	1.46	1.17	0.93	0.10	0.13	9.94
Guernsey	.....	.....	0.90	.....	0.90	2.10	2.15	1.30	.....	.....	.....	.....	.....
Hecla	0.25	0.09	0.73	1.36	2.45	1.28	3.48	1.09	3.84	0.92	0.52	0.55	17.46
Horse Creek	.....	.....	.....	1.82	2.03	1.48	2.59	2.06	0.87	1.13	0.21	.....	.....
Hunters Station	0.45	1.00	1.54	3.07	1.77	1.60	1.98	2.94	3.42	2.64	0.23	T.	20.64
Hyattville	.....	0.08	0.70	1.05	0.78	0.15	0.17	2.20	1.16	0.14	0.00	0.00	.....
Jireh	0.60	1.35	0.39	3.83	2.33	1.03	2.94	1.62	3.61	1.47	0.64	0.72	20.53
Kirtley	0.55	0.72	0.88	2.92	1.76	0.74	3.83	2.22	2.85	1.67	0.32	0.00	18.46
Kirwin	.....	.....	.....	.....	.....	.....	3.45	2.46	4.95	2.85	1.52	.....	.....
Knowles	0.29	0.53	0.87	2.92	2.58	0.91	2.11	3.35	3.22	1.55	0.11	0.30	18.74

[1] Estimated from records of surrounding stations.

Monthly and annual precipitation (in inches and hundredths) for 1912—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Wyoming—Continued.													
Lagrange	1.07	0.97	1.62	2.02	2.40	2.02	2.56	5.31	4.30	1.75	0.52	0.51	25.05
Lander	0.36	1.74	1.55	1.64	2.62	1.36	0.96	0.52	3.88	4.64	0.33	0.40	20.00
Laramie	0.74	0.79	0.58	1.53	0.90	0.75	2.37	1.52	2.64	1.38	0.78	0.77	14.75
Leo	0.96	0.91	.....	.....	.....	.....	.....	.....	.....	.....	0.20	0.38	.....
Lolabama Ranch	[1] 0.40	0.10	0.62	1.19	0.07	0.59	2.80	0.98	1.11	0.75	0.10	0.32	9.03
Lovell	0.17	0.02	0.33	0.63	1.05	0.43	.....	0.57	2.13	1.44	0.06	T.	.....
Lusk	0.20	1.19	1.12	1.82	1.74	0.75	2.33	1.10	1.90	0.80	0.00	0.11	13.06
Manville	0.16	0.42	0.49	6.01	1.60	0.45	3.19	1.15	2.83	1.37	0.70	0.55	18.97
Moorcroft	0.40	1.45	1.55	1.88	2.00	0.43	1.54	2.98	1.75	1.20	0.11	0.33	15.62
Moore	1.00	1.39	0.94	1.22	1.63	.....	.....	2.40	3.45	0.80	0.36	0.21	.....
Moran	3.49	1.75	1.75	1.88	2.34	1.72	2.05	2.73	1.52	2.48	0.94	2.18	24.83
Newcastle	0.35	0.80	2.05	0.87	1.62	0.36	3.82	1.21	2.14	0.92	0.10	0.60	14.84
Pathfinder	0.12	0.32	2.10	0.56	2.08	0.88	1.90	0.83	2.15	1.40	0.19	0.46	12.99
Pinebluff	1.58	2.22	2.40	3.63	1.73	2.70	4.72	5.30	3.42	2.67	0.75	0.48	31.60
Pinedale	0.76	0.46	0.90	0.08	0.69	0.16	1.21	0.68	1.25	1.90	0.14	0.50	8.73
Pine Ridge	0.35	0.85	0.73	1.37	2.51	0.82	1.52	1.93	1.96	1.51	0.06	0.15	13.76
Powell	0.05	0.03	0.08	0.79	0.86	0.53	0.89	0.99	1.80	1.01	0.00	0.00	7.03
Rawlins	1.38	1.30	2.17	1.84	2.16	0.64	1.46	1.33	2.25	1.37	0.53	0.57	17.00
Riverton	0.22	0.44	0.84	0.55	1.47	1.46	2.07	1.02	3.32	4.22	0.00	0.08	15.69
Rockypoint	0.31	1.31	0.83	1.72	2.72	0.74	1.36	2.22	3.28	1.92	0.02	0.20	16.63
Saratoga	0.36	0.98	0.41	0.44	0.55	0.44	1.54	1.54	0.47	0.75	0.30	0.53	8.31
Sevenmile Creek	.....	2.89	1.01	2.49	2.61	1.89	3.36	1.25	2.85	1.65	0.38	0.67	.....
Sheridan	0.35	1.92	0.72	1.23	2.27	1.12	4.42	1.18	3.79	1.64	0.49	0.21	19.34
Shoshone Dam	0.30	0.11	0.50	0.65	0.56	1.21	2.47	1.45	2.61	0.77	0.14	.....	.....
Soldiers Home	0.50	1.60	2.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Pass City	1.04	0.75	2.11	1.16	1.15	1.27	0.57	1.60	0.92	1.27	0.48	0.76	13.08
Sundance	0.35	1.90	2.30	1.32	2.20	1.10	1.60	3.40	2.70	0.85	0.20	1.18	19.10
Thermopolis	0.17	1.03	0.96	0.71	2.78	0.28	1.65	1.61	3.49	3.93	0.02	0.45	17.08
Thornton	.....	.....	.....	.....	0.90	0.57	2.24	1.97	1.53	0.89	T.	.....	.....
Ulm	.....	0.80	0.74	2.31	3.12	2.05	1.85	2.08	3.51	1.92	0.29	0.28	.....
Verona	0.60	1.45	0.59	1.63	2.45	2.42	1.93	2.40	3.82	3.00	0.27	0.19	20.75
Wheatland	0.98	1.08	1.25	2.61	1.04	2.03	4.58	2.43	3.76	2.04	0.44	0.34	22.58
Wiant's Ranch	0.48	0.58	0.82	0.80	1.27	1.20	2.42	1.16	1.22	2.06	0.20	0.58	12.79
Willow Creek Cabin	4.00	.....	.....	.....	2.40	.....	2.08	2.65	2.25	3.25	0.54	1.06	.....
Woodrock	0.83	4.95	3.03	8.85	5.57	2.25	3.09	2.75	5.99	3.37	1.33	2.38	44.39
Worland	0.27	0.02	0.76	0.14	1.43	1.37	0.95	1.38	1.51	1.84	0.09	0.02	9.78
Wyncote	0.31	0.94	0.72	2.30	1.56	2.47	6.24	2.10	2.91	1.01	0.50	T.	21.06
Yellowstone Park	0.89	0.48	2.57	2.24	2.17	1.21	2.37	1.66	1.09	2.85	1.28	1.47	20.28
Bechler River	3.45	3.32	4.67	5.34	3.52	7.98	3.80	2.50	0.21	2.26	.....	.....	.....
Fairview Dome	1.20	0.57	1.00	.....	0.68	1.06	4.13	1.77	1.21	1.71	1.40	1.43	.....
Fountain	0.50	0.80	3.67	3.66	0.12	1.70	1.70	2.00	0.60	0.46	1.41	2.45	19.07
Gallatin River	0.93	0.90	1.28	3.18	4.69	1.80	1.60	1.70	0.80	2.40	1.40	2.16	22.84
Grand Canyon	2.25	2.35	2.83	1.95	1.20	1.59	3.93	3.15	2.57	3.25	0.30	1.94	27.81
Lake Yellowstone	1.03	1.25	2.60	2.10	2.89	2.20	0.43	1.27	.....	4.23	2.68	2.55	.....
Norris	1.18	1.35	1.74	1.05	3.23	0.75	2.00	.....	.....	2.45	.....	1.88	.....
Riverside	.....	.....	.....	2.73	2.14	0.92	1.25	1.07	0.69	1.00	0.68	1.67	.....
Snake River	1.42	1.48	4.23	3.55	3.55	2.67	4.05	3.75	1.32	3.19	1.45	3.11	33.77
Sylvan Pass	1.52	1.59	3.65	.....	1.69	1.64	4.37	3.80	0.70	2.10	0.80	1.87	.....
Thumb	1.60	1.10	4.08	1.90	0.70	1.30	3.60	.....	.....	.....	.....	.....	.....
Tower Falls	0.50	0.20	3.15	1.50	1.40	0.95	2.81	2.31	1.70	2.06	0.73	1.98	19.29
Upper Geyser Basin	1.30	2.00	4.40	1.18	2.90	1.40	1.00	7.30	.....	1.90	.....	.....	.....

[1] Estimated from Clark, and Crazy Creek.

SNOWFALL, 1912–1913.

Monthly and seasonal snowfall, 1912–1913.

NOTE.—Leaders under heading of months indicate no snow; under annual, report incomplete; T., a trace; *, no report.

[Inches and tenths.]

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Alabama.										
Anniston			2.5		0.2		T.			2.7
Ashville			0.9							0.9
Auburn			0.8							0.8
Bermuda			T.			T.				T.
Birmingham			0.8		T.	T.				0.8
Decatur							T.			T.
Florence			T.							T.
Greensboro			0.2	T.						0.2
Hamilton							(*)			
Highland Home			T.							T.
Mobile										0.0
Montgomery			T.			T.				T.
Newbern			2.0							2.0
Oneonta			3.0		2.0					5.0
Union Springs			0.3							0.3
Valley Head			1.0							1.0
Arizona.										
Allaires Ranch				2.8	3.0	1.5	(*)			
Alpine		0.8	3.0	23.0	8.0	14.5	4.0	T.		53.3
Ashford				2.0	7.0	15.0	0.5			24.5
Benson					3.0					3.0
Bisbee				4.0	1.6	3.0				8.6
Blue				6.0	5.0	20.6	6.1		T.	37.7
Bonita				T.	8.0		T.			8.0
Bowie				1.6	6.0					7.6
Canille				T.	7.0	5.0				12.0
Chin Lee		T.	0.2	2.5	1.5	4.5	1.5			10.2
Chlarsons Mill			1.0	14.7	14.7	24.0	4.3			58.7
Clifton				2.5	0.8	(*)				
Cochise				5.5	2.0	4.7				12.2
Columbia					4.0	6.3				10.3
Courtland				T.	2.0	4.0				6.0
Dos Cabezos				4.0	12.0	1.1	3.0			20.1
Douglas				2.0	6.0	T.				8.0
Dudleyville				0.5	0.5	T.	T.			1.0
Elgin				T.	8.8	3.0				11.8
Flagstaff (Weather Bureau)		4.5	0.8	6.2	8.0	30.2	16.3			66.0
Flagstaff (Forest Service)		7.3	1.0	7.7	10.8	33.8	12.3	0.2	T.	73.1
Fort Apache				0.9	6.7	6.9	0.7			15.2
Fort Huachuca				2.0	7.5	6.0	T.			15.5
Globe				3.0	3.0	1.0				7.0
Grand Canyon (agent railroad)		5.0		6.0	10.5	42.0	9.0		T.	72.5
Grand Canyon (B. W. Zachau)		(*)	(*)	(*)	5.4	21.5	T.			
Greer		(*)	(*)	6.0	(*)	(*)	13.0			
Holbrook		T.		4.0	2.7	22.0	1.0			29.7
Intake					1.0					1.0
Jerome				12.2	8.0	23.2	1.9			45.3
Keams Canyon		3.0		2.5	6.0	16.0	5.0		T.	32.5
Kingman				T.	6.0	2.5				8.5
Lakeside		1.0	1.5	3.0	8.5	35.5	(*)			
Lewis Springs				T.	0.1	5.0				5.1
Lowell Observatory		(*)	(*)	0.5	14.6	39.7	16.8			
McNeal				3.0	1.0	T.				4.0
Moccasin		T.		0.1	7.0	24.0	T.			31.1

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Arizona—Continued.										
Naco				0.5	0.5	1.0				2.0
Natural Bridge				3.0	10.0	27.0	2.0	T.		42.0
Oracle				1.5	12.5	10.0	3.5			27.5
Osborn				3.0	3.0	1.0				7.0
Paradise				13.0	10.0	5.0	1.0			29.0
Payson		T.		7.0	9.0	40.0	8.0			64.0
Pinal Ranch				9.0	9.0	11.2	3.0			33.2
Pinedale	(*)	(*)	(*)	(*)	10.5	30.5	2.0			
Pinto		T.		0.1	6.0	28.0	5.0			39.1
Prescott		T.		2.0	3.7	(*)	1.7			
Prescott Dry Farm				(*)	4.0	17.0	2.0			
Rice				T.	4.0					4.0
St. Johns		2.5		2.5	7.0	10.5	5.5			28.0
St. Michaels		3.0		1.0	1.3	24.5	6.2		T.	36.0
San Simon				(*)	2.0					
Seligman		1.0			6.0	9.0	4.0			20.0
Silverbell					4.5		T.			4.5
Snowflake		2.0		6.0	1.0	8.0	T.			17.0
Springerville		4.0		5.5	2.4	11.2	0.8			23.9
Supai					2.0	3.0				5.0
Thatcher					2.0					2.0
Tombstone				2.0	5.0	3.0				10.0
Truxton				T.	6.0	4.7	1.5			12.2
Tuba		0.5	T.	5.0	5.0	14.5	5.0			30.0
Tucson (University)					2.0					2.0
Vail					5.5					5.5
Walnut Grove					6.0	24.0	(*)			
Williams		1.0		7.0	19.0	29.0	4.0		T.	60.0
Arkansas.										
Alicia				4.2		T.				4.2
Amity				0.5		0.5				1.0
Arkadelphia (near)				T.		(*)	(*)			
Arkansas City										0.0
Batesville				4.5			T.			4.5
Bee Branch				6.0		1.0				7.0
Benton							(*)			
Bentonville			T.	0.3	1.3	8.2	6.6			16.4
Bergman				3.0	0.5	5.0	5.0			13.5
Black Rock				3.0		1.0				4.0
Brinkley				T.		0.9				0.9
Calico Rock				4.0			0.6			4.6
Camden				T.		0.2				0.2
Centerpoint				T.		1.0	T.			1.0
Clarendon				T.		0.5	T.			0.5
Conway				2.0		1.0	T.			3.0
Corning				3.5	T.	6.5	3.0			13.0
Dardanelle				6.0		2.0	0.5			8.5
Dodd City				2.0	1.0	4.5	2.0			9.5
Dumas				T.						T.
Dutton			T.	4.0	T.	5.5	2.0			11.5
Eldorado						0.2				0.2
England				2.0	T.	1.0	T.			3.0
Eureka Springs				T.		5.0	7.0			12.0
Fayetteville				2.0	2.0	5.0	6.0			15.0
Fordyce			T.	T.						T.
Fort Smith				2.1	0.1	7.0	0.3			9.5
Fraziers Turnpike						1.5				1.5
Fulton						1.0				1.0
Georgetown				T.		T.	T.			T.
Hardy				3.0	0.1	4.8	0.3			8.2
Helena				0.2		T.				0.2
Hot Springs						T.	T.			T.
Huttig										0.0
Jonesboro				4.5		T.				4.5
Junction										0.0
Lake Farm			(*)	T.		1.0				
Lewisville						1.0				1.0
Little Rock				T.	T.	1.0	T.			1.0

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Arkansas—Continued.										
Lutherville	.....	.....	.....	4.0	T.	6.5	T.	.....	.....	10.5
Malvern	.....	.....	.....	0.5	.....	0.5	T.	.....	.....	1.0
Mammouth Spring	.....	.....	.....	0.9	1.0	4.5	0.3	.....	.....	6.7
Marked Tree	.....	.....	.....	0.8	.....	T.	(*)	.....	.....	.....
Mena	.....	.....	.....	1.5	.....	1.5	T.	.....	.....	3.0
Newport	.....	.....	.....	2.5	.....	0.5	.....	.....	.....	3.0
Pine Bluff	.....	.....	.....	1.0	.....	0.5	.....	.....	.....	1.5
Pocahontas	.....	.....	.....	.....	.....	0.8	T.	.....	.....	0.8
Pond	.....	.....	.....	T.	1.8	6.5	6.0	.....	.....	14.3
Portland	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Prescott	.....	.....	.....	T.	.....	1.0	.....	.....	.....	1.0
Rogers	.....	.....	.....	0.5	0.7	6.2	5.5	.....	.....	12.9
Springbank	.....	.....	.....	.....	.....	0.5	T.	.....	.....	0.5
Stuttgart	.....	.....	.....	0.3	.....	0.7	.....	.....	.....	1.0
Subiaco	.....	.....	.....	0.9	.....	0.3	T.	.....	.....	1.2
Swain	.....	.....	.....	4.7	T.	7.6	2.3	.....	.....	14.6
Texarkana	.....	.....	.....	.....	.....	0.5	.....	.....	.....	0.5
Warren	.....	.....	.....	.....	.....	0.5	.....	.....	.....	0.5
White Cliffs	.....	.....	(*)	.....	.....	.....	.....	.....	.....	.....
Wiggs	.....	.....	.....	0.1	.....	0.5	T.	.....	.....	0.6
Wynne	.....	.....	.....	T.	.....	0.1	T.	.....	.....	0.1
California.										
Abertine	.....	.....	32.8	53.8	84.0	15.0	51.0	15.0	0.5	252.1
Alturas	.....	0.5	.....	2.0	18.0	2.0	18.0	9.0	.....	49.5
Bear Valley (1)	.....	5.0	21.5	85.0	22.0	47.5	14.0	.....	.....	195.0
Bear Valley (2)	.....	.....	1.5	10.0	22.0	28.0	T.	.....	.....	61.5
Bear Valley Dam	.....	4.5	.....	.....	25.5	63.0	22.5	4.0	.....	119.5
Bishop Creek	.....	14.5	2.0	3.8	45.2	43.0	10.0	5.0	4.5	128.0
Blue Canon	.....	T.	3.0	25.0	117.0	37.5	51.0	22.5	.....	256.0
Boca	0.5	2.0	4.0	13.0	66.0	11.0	15.0	6.8	1.0	119.3
Bowmans Dam	.....	4.0	12.0	33.0	119.0	14.5	48.0	21.5	.....	252.0
Bunker Hill	.....	.....	26.0	58.0	158.5	20.0	60.0	34.0	2.0	358.5
Burney	.....	.....	.....	T.	27.0	7.0	16.1	1.1	.....	51.2
Camptonville (near)	.....	.....	T.	9.0	55.0	19.0	35.0	2.0	.....	120.0
Cedarville	.....	.....	1.5	6.3	25.8	6.5	18.0	3.0	.....	61.1
Chester	.....	.....	8.5	17.2	64.5	13.0	32.0	17.5	2.5	155.2
Cisco	1.0	8.5	14.0	28.0	112.0	11.0	55.0	20.0	.....	249.5
Clover Valley	.....	.....	9.0	14.0	54.0	10.0	15.0	7.0	.....	109.0
Cuyamaca	.....	.....	.....	.....	15.0	36.0	6.0	.....	.....	57.0
Deer Creek	.....	.....	.....	15.0	84.0	29.0	41.0	13.0	.....	182.0
Dorseys	.....	13.0	13.0	20.0	108.0	17.0	45.0	10.0	.....	226.0
Downieville	.....	.....	T.	5.0	64.5	11.0	23.5	3.5	.....	107.5
Eagle Lake	.....	.....	2.8	12.0	66.0	11.5	17.8	13.8	6.0	129.9
Emigrant Gap	.....	T.	12.0	24.5	78.5	17.2	42.6	24.0	.....	198.8
Fordyce Dam	.....	16.0	30.0	45.0	129.0	19.0	53.0	40.0	1.0	333.0
Fort Bidwell	.....	.....	T.	2.5	22.0	2.0	17.0	10.0	.....	44.5
Fredonia	.....	.....	.....	21.5	82.0	(*)	28.0	19.0	.....	.....
Gilta	.....	.....	.....	22.5	99.0	3.5	13.0	3.0	.....	141.0
Greenville	.....	.....	3.0	8.0	65.0	13.5	29.0	7.0	T.	125.5
Hetch Hetchy	.....	.....	0.5	2.0	28.2	5.0	25.5	2.0	.....	63.2
Holcomb	.....	2.0	1.0	T.	30.0	35.0	7.0	.....	.....	75.0
Inskip	.....	1.0	13.0	18.8	85.5	18.5	63.8	31.2	0.8	232.6
Johnsville	.....	.....	9.0	29.0	133.0	(*)	(*)	(*)	.....	.....
Lake Eleanor	.....	1.0	5.0	12.0	68.5	10.0	54.0	9.5	0.5	160.5
La Porte	.....	8.0	29.3	47.7	93.9	11.4	58.5	41.2	0.2	290.2
Letter Box	21.0	3.0	26.0	41.0	90.0	19.0	74.0	43.0	T.	317.0
Long Valley	.....	T.	T.	0.5	17.0	5.0	1.5	T.	.....	24.0
McCloud	.....	.....	.....	10.5	74.5	11.0	13.5	2.0	1.0	112.5
Madeline	.....	2.0	1.0	10.5	17.5	7.5	13.0	5.0	.....	56.5
Magalia	.....	.....	.....	.....	25.0	6.0	16.0	.....	.....	47.0
North Bloomfield	.....	.....	.....	2.0	43.0	21.0	13.5	.....	.....	79.5
North Fork	.....	.....	.....	.....	31.0	8.0	6.0	1.0	.....	46.0
Pilot Creek	.....	T.	T.	10.0	76.0	6.0	51.0	4.0	.....	147.0
Prattville	.....	.....	2.0	16.2	80.5	7.5	42.0	9.5	.....	157.7
Quincy	.....	.....	1.0	2.0	46.0	12.0	27.5	2.0	.....	90.5
Seven Oaks	.....	6.0	2.0	.....	21.0	21.4	19.0	1.4	.....	70.8
Sierra City	.....	(*)	3.0	10.0	99.0	12.0	50.0	18.0	.....	.....
Sierraville	.....	1.0	2.0	6.0	42.0	12.0	10.0	T.	.....	73.0

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
California—Continued.										
Sisson	.....	.....	.....	7.0	74.0	12.0	25.0	4.0	.....	122.0
Springville	.....	.....	.....	T.	14.0	19.0	15.0	T.	.....	48.0
Squirrel Inn	.....	.....	.....	T.	15.0	48.0	8.0	1.0	.....	72.0
Stirling City	.....	.....	.....	5.0	47.0	13.0	49.0	4.0	.....	118.0
Summit	3.0	10.0	19.0	40.0	136.0	20.5	32.0	19.0	5.0	284.5
Table Rock	.....	(*)	27.0	43.0	107.0	19.0	73.0	41.0	.....	.....
Tamarack (Alpine Co.)	14.0	15.5	45.0	52.0	165.0	29.0	25.0	8.0	5.0	358.5
Tamarack (Placer Co.)	(*)	(*)	(*)	32.0	131.0	12.0	58.0	24.0	.....	.....
Towle	.....	.....	.....	12.0	80.0	26.0	37.0	11.0	.....	166.0
Truckee	T.	2.0	8.0	T.	73.0	9.0	17.5	15.0	.....	124.5
Weaverville	.....	.....	.....	4.0	52.5	3.5	2.8	.....	.....	62.8
Weitchpec	.....	.....	.....	4.3	38.5	3.0	4.0	1.5	.....	51.3
West Branch	.....	.....	.....	7.0	50.5	14.5	49.0	6.5	.....	127.5
West Point	.....	.....	.....	.....	89.0	1.0	8.0	T.	.....	98.0
Yosemite	.....	.....	.....	5.0	47.0	20.0	36.0	2.2	1.0	111.2
Colorado.										
Arriba (near)	1.5	10.5	2.0	5.5	1.5	10.0	3.5	9.5	.....	44.0
Ashcroft	17.5	18.5	6.5	(*)	(*)	(*)	(*)	(*)	(*)	.....
Auldhurst	14.0	11.5	.....	5.0	11.5	22.2	11.6	17.6	1.0	.....
Bennett (near)	.....	10.0	18.5	7.0	6.8	9.0	2.0	11.5	.....	64.8
Blanca	.....	T.	T.	T.	3.0	4.0	1.5	7.0	.....	15.5
Boulder	T.	3.0	(*)	2.4	6.2	(*)	21.1	15.4	.....	.....
Breckenridge	(*)	(*)	8.4	10.2	12.0	12.0	10.5	14.3	.....	.....
Buena Vista (near)	7.0	7.0	.....	4.0	12.0	14.0	7.0	9.5	T.	60.5
Buford	6.0	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.....
Burlington	.....	3.0	2.0	4.0	4.0	12.0	6.0	11.0	.....	42.0
Calhan	7.5	4.0	(*)	3.5	3.0	13.0	3.0	13.3	.....	.....
Canon City	1.0	0.5	T.	1.5	11.5	19.0	9.0	T.	.....	42.5
Cascade	.....	21.5	13.0	11.5	25.0	49.2	(*)	12.5	.....	.....
Cassells	.....	11.8	2.5	7.8	2.5	12.3	7.5	17.5	.....	61.9
Castle Rock	T.	2.0	11.0	12.0	12.5	18.0	8.5	8.0	.....	72.0
Cedaredge	.....	.....	.....	6.0	9.0	18.0	.....	.....	.....	33.0
Cheesman	13.0	T.	T.	4.1	5.0	7.7	2.6	13.7	.....	46.1
Cheyenne Wells	.....	4.0	1.0	0.5	9.5	17.3	(*)	8.0	.....	.....
Cochetopa	7.0	3.0	4.5	7.5	6.0	3.0	5.0	5.5	T.	41.5
Collbran (near)	.....	2.0	2.0	16.0	24.0	34.0	10.5	5.0	T.	93.5
Colorado Springs	4.0	3.6	0.2	1.2	5.4	14.4	8.2	5.7	.....	42.7
Columbine	7.5	36.0	10.0	19.0	12.0	21.0	34.0	7.0	4.0	150.5
Columbine Ranch	6.5	9.2	5.2	14.0	19.0	35.0	19.0	4.0	.....	119.9
Cope	T.	.....	T.	(*)	(*)	T.	T.	(*)	(*)	.....
Corona	23.5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cortez	(*)	(*)	(*)	(*)	(*)	16.0	3.5	T.	.....	.....
Craig	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crawford (near)	6.0	2.0	6.0	11.0	20.0	20.0	9.5	1.0	.....	75.5
Crested Butte	8.0	6.0	8.0	20.0	41.5	34.0	28.0	8.5	.....	154.0
Cripple Creek	13.8	5.9	1.3	5.1	2.5	12.7	12.8	6.5	2.0	62.6
Cuchara Camps	3.0	10.5	5.8	10.7	11.5	17.5	16.2	30.5	0.5	106.2
Cumbres	T.	15.0	4.5	9.3	23.3	86.0	51.0	4.0	T.	193.1
Delta	.....	.....	.....	1.8	11.0	8.0	2.0	.....	.....	22.8
Denver	T.	6.6	8.9	7.5	5.8	15.7	6.5	15.1	T.	66.1
Dillon	(*)	(*)	(*)	(*)	(*)	(*)	6.0	13.0	3.0	.....
Durango	.....	2.8	0.7	5.8	8.6	21.7	17.8	0.3	.....	57.7
Eads	.....	.....	T.	T.	T.	8.2	2.5	8.0	.....	18.7
Edgewater	.....	2.3	6.2	5.8	6.0	.....	9.9	10.0	.....	.....
Estes Park Fish Hatchery	29.0	19.0	7.0	6.0	9.0	17.0	4.0	22.0	2.0	115.0
Eureka	5.0	16.0	9.0	9.0	18.0	16.0	13.0	12.0	2.0	100.0
Fairview	23.5	20.0	6.0	19.0	7.5	28.5	20.2	55.0	2.0	181.7
Fort Collins	.....	6.5	T.	3.2	4.5	16.0	3.5	2.8	.....	36.5
Fort Lupton	3.0	4.0	2.5	5.0	4.0	15.0	2.5	6.5	.....	42.5
Fort Morgan	2.0	2.0	T.	3.0	2.5	3.5	3.0	9.0	.....	25.0
Frances	27.3	21.0	10.2	26.0	24.2	20.0	13.0	27.2	4.8	173.7
Fraser	11.8	11.1	4.0	13.0	10.0	18.0	7.5	8.5	3.0	86.9
Fremont Experiment Station	5.0	8.7	3.3	3.4	14.1	23.6	19.0	19.1	5.3	101.5
Fruita (near)	.....	.....	T.	6.5	8.9	10.9	2.2	T.	.....	28.5
Fry's ranch	21.5	10.0	1.0	4.0	8.5	12.0	8.0	8.0	T.	73.0
Garfield	15.0	11.8	4.5	19.8	28.5	23.5	21.5	19.0	T.	143.6
Garnett	.....	.....	.....	4.0	6.5	1.5	T.	5.5	.....	17.5
Georgetown	13.2	22.0	4.2	7.5	8.8	16.8	4.8	20.5	1.5	99.3

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Colorado—Continued.										
Glade Park	T.	2.0	4.0	5.5	15.5	23.0	6.0	3.0	4.2	63.2
Gladstone	8.0	50.0	23.6	27.2	35.3	35.5	43.6	19.6	3.3	246.1
Glenwood Springs (near)	.....	.....	.....	8.0	12.0	15.0	3.0	.....	.....	38.0
Grand Junction	.....	.....	0.4	2.9	9.3	8.9	2.8	T.	.....	24.3
Grandlake	12.0	6.0	3.0	15.0	15.5	22.0	9.0	18.0	4.5	105.0
Grand Valley	.....	T.	T.	3.2	10.0	10.5	2.0	.....	.....	25.7
Greeley	0.5	3.5	3.0	(*)	3.5	13.8	3.5	7.5	.....	.....
Grover (near)	T.	4.0	(*)	1.2	6.0	11.5	5.6	5.0	.....	.....
Gunnison	7.5	2.5	T.	6.5	5.7	15.4	7.8	1.0	.....	46.4
Hamps	0.5	4.5	1.3	1.0	3.7	12.6	5.0	11.0	.....	39.6
Hartsel	T.	1.0	0.5	4.8	4.8	6.8	1.2	10.0	.....	29.1
Hawthorne	1.0	5.5	8.0	12.5	17.0	24.5	20.5	16.5	.....	105.5
Hayden	(*)	(*)	(*)	(*)	(*)	(*)	10.5	0.5	.....	.....
Hermit	1.0	25.0	6.0	8.0	7.5	9.5	8.6	11.0	0.8	77.4
Hermit Lake	10.0	36.0	4.0	25.0	35.0	50.0	44.0	50.0	9.0	263.0
Hesperus (near)	.....	7.5	3.8	3.5	8.0	24.5	27.0	2.0	.....	76.3
Hoehne (near)	.....	.....	T.	4.0	6.0	27.8	9.0	11.0	.....	57.8
Holly	.....	.....	T.	0.5	1.0	16.0	2.0	.....	.....	19.5
Holyoke (near)	4.0	7.0	1.0	3.5	7.0	6.0	(*)	4.5	.....	.....
Horsefly	12.0	59.5	12.0	37.4	12.0	35.0	18.2	25.0	2.0	213.1
Idaho Springs	6.0	5.5	2.0	8.0	7.2	11.8	1.8	20.5	0.5	63.3
Ironton	10.5	20.6	14.7	17.2	19.4	19.0	11.2	17.2	T.	129.8
Julesburg	.....	3.0	T.	1.0	1.0	9.5	12.6	12.5	.....	39.6
Kersey	.....	2.0	(*)	2.0	3.0	8.5	11.0	6.5	.....	.....
La Junta	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.....	.....	.....
Lake City	8.1	7.2	0.8	9.4	7.2	5.1	11.0	4.1	2.5	55.4
Lake Moraine	7.0	16.8	4.0	10.5	8.0	13.0	30.0	42.5	14.0	145.8
Lamar	.....	.....	1.0	T.	4.0	17.0	4.0	.....	.....	26.0
La Porte	T.	(*)	(*)	6.0	7.0	15.5	4.0	5.0	.....	.....
Las Animas	.....	.....	.....	(*)	0.8	(*)	.....	(*)	.....	.....
La Veta Pass	2.0	5.6	2.0	17.5	20.2	27.5	14.2	20.0	.....	109.0
Lay	T.	8.0	2.0	5.2	12.0	15.5	9.5	1.0	.....	53.2
Leadville	14.5	24.7	4.9	13.4	16.1	14.1	10.4	11.6	1.9	111.6
Leroy (near)	2.0	6.0	5.0	3.7	4.0	13.0	7.0	6.9	.....	47.6
Limon (near)	T.	T.	0.2	3.0	5.0	9.0	1.5	8.0	.....	26.7
Longmont	T.	5.0	.....	0.7	2.0	15.8	2.5	5.5	.....	31.5
Longs Peak (near)	29.0	30.0	11.5	4.5	11.0	16.0	10.0	23.0	8.0	143.0
Madrid	.....	(*)	1.0	7.5	4.0	23.7	5.9	(*)	.....	.....
Manassa	.....	.....	.....	T.	3.0	2.0	4.0	.....	.....	9.0
Mancos	.....	8.5	4.5	5.5	9.8	32.2	15.1	T.	.....	75.6
Marble	8.0	17.0	8.0	14.0	20.0	36.0	20.0	5.0	3.0	131.0
Marshall Pass	7.0	19.0	6.0	15.0	23.0	14.0	18.0	17.0	2.0	121.0
Maxey	(*)	(*)	(*)	(*)	0.5	7.0	7.0	4.0	.....	.....
Meeker (near)	4.0	8.0	4.0	11.5	15.5	7.8	4.0	2.5	T.	57.3
Merino	.....	2.0	(*)	T.	T.	3.0	14.0	6.0	.....	.....
Montrose	1.0	0.7	.....	3.4	8.0	11.6	1.1	T.	.....	25.8
Monument	11.8	3.0	11.0	18.0	11.3	11.7	13.0	15.0	.....	94.8
Moraine	18.0	.....	5.0	4.0	4.0	15.5	(*)	16.0	1.0	.....
Nast	10.5	23.0	5.5	19.0	18.3	26.8	8.5	13.0	3.0	127.6
North Lake	0.5	4.5	0.5	4.0	10.5	23.0	18.0	28.0	T.	89.0
Pagosa Springs	.....	9.3	2.4	8.5	9.2	30.9	17.6	.....	.....	77.9
Palisades	.....	.....	.....	3.0	5.0	7.3	T.	.....	.....	15.3
Paonia	2.0	T.	.....	7.0	13.5	14.5	5.5	3.0	.....	45.5
Pitkin	9.0	7.5	6.5	11.5	11.0	20.0	14.0	6.5	T.	86.0
Platoro	T.	34.7	7.5	17.0	26.2	43.9	36.0	8.1	0.5	173.9
Platte Canon	.....	3.0	5.2	9.2	9.0	17.5	10.2	16.0	.....	70.1
Pueblo	.....	4.2	.....	0.3	6.2	17.2	2.5	T.	.....	30.4
Redcliff	19.2	9.4	10.4	26.2	38.5	22.7	24.8	12.3	(*)	.....
Redvale	2.0	2.0	1.0	6.5	10.0	11.0	2.0	4.0	.....	38.5
Rico	0	5.5	8.0	5.0	13.5	30.5	20.1	0.5	1.0	84.1
Rifle	T.	.....	.....	4.7	7.0	16.9	3.1	.....	.....	31.7
River Portal	T.	7.3	0.5	8.5	12.1	18.5	2.8	0.2	.....	49.9
Rocky Ford (near)	.....	2.0	.....	.....	2.5	9.5	T.	8.0	.....	22.0
Saguache	.....	2.5	.....	4.0	4.0	2.0	9.0	9.0	T.	30.5
St. Cloud	22.5	11.8	2.0	10.0	8.0	18.0	6.0	8.5	.....	86.8
St. Elmo	18.0	10.5	2.5	12.0	18.0	28.9	22.0	18.0	T.	129.9
Salida	7.0	3.5	T.	4.0	11.0	13.2	1.0	5.5	.....	45.2
San Luis	.....	1.5	1.2	6.1	8.6	4.4	2.1	2.9	T.	26.8
Santa Clara	5.5	2.2	2.8	19.7	(*)	(*)	(*)	(*)	.....	.....

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Colorado—Continued.										
Sapinero (near)	13.0	12.8	5.6	16.9	20.4	36.9	20.6	9.5	3.9	139.6
Sedgwick	.....	.....	1.5	2.2	1.5	5.5	13.5	12.0	.....	36.2
Shoshone	.....	.....	3.0	24.1	22.0	21.0	3.6	.....	.....	73.7
Silver Lake	26.8	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.....
Silverton (near)	T.	20.0	13.0	7.5	18.5	21.0	16.5	T.	T.	96.5
Spicer (near)	18.0	10.5	7.0	9.0	13.0	19.0	7.0	T.	4.0	87.5
Spruce Lodge	11.0	26.0	19.5	33.0	25.5	28.0	11.5	19.0	9.0	182.5
Steamboat Springs	7.5	8.5	15.1	35.8	23.0	24.3	12.5	4.5	.....	131.2
Sterling	0.5	4.0	1.5	2.5	2.5	7.5	8.0	9.0	.....	35.5
Stonewall	T.	T.	.....	T.	0.4	14.5	13.9	23.0	1.5	53.3
Tacoma	.....	5.6	7.0	8.9	15.0	25.4	18.8	3.5	T.	84.2
Telluride	6.4	18.0	9.1	14.5	27.6	19.6	17.6	18.7	4.0	135.5
Terminal Dam	.....	12.5	5.0	10.0	19.5	36.0	20.5	5.5	.....	109.0
Trinidad	T.	T.	1.0	10.5	6.5	29.5	11.5	14.1	.....	73.1
Two Buttes	.....	4.5	1.0	0.8	3.5	11.7	3.7	5.0	.....	30.2
Two Buttes Reservoir	.....	T.	0.5	1.0	3.0	10.0	0.1	.....	.....	14.6
Victor (near)	8.5	3.5	T.	4.2	3.0	12.5	17.3	12.0	.....	61.0
Vilas	.....	.....	.....	.....	2.0	9.0	(*)	(*)	.....	.....
Wagon Wheel Gap Experiment Station	T.	16.6	9.5	10.9	10.5	9.9	13.8	9.0	T.	80.2
Waterdale	T.	2.5	(*)	.....	6.4	16.0	10.5	11.0	.....	.....
Wayne	.....	T.	.....	T.	(*)	(*)	(*)	(*)	(*)	.....
Westcliffe	4.0	7.0	1.0	10.0	8.0	12.0	7.2	7.3	.....	56.5
Winfield	.....	.....	2.8	9.4	15.4	16.2	12.4	16.0	1.0	.....
Woodman Sanatorium	8.0	6.0	2.5	9.0	8.5	18.5	7.5	3.6	.....	63.6
Wortman	9.0	40.5	14.2	26.0	27.5	35.7	25.0	21.2	13.0	212.1
Wray	.....	T.	1.5	2.5	5.0	10.5	6.0	8.0	.....	33.5
Yampa (near)	4.0	2.1	1.1	7.8	15.5	11.2	1.5	3.2	1.5	47.9
Yoder	(*)	(*)	(*)	(*)	(*)	10.0	2.0	6.0	.....	.....
Yuma	.....	2.5	T.	1.5	3.5	7.0	2.0	4.0	.....	20.5
Connecticut.										
Canton	.....	.....	0.5	5.0	1.5	9.5	2.0	.....	.....	18.5
Hartford	.....	.....	0.5	7.0	0.8	9.3	2.1	T.	.....	19.7
New Haven	.....	.....	1.7	12.5	1.9	8.5	0.4	T.	.....	25.0
Norwalk	.....	.....	1.0	12.0	1.5	6.5	1.0	.....	.....	22.0
West Simsbury	.....	.....	1.0	7.0	T.	.....	.....	.....	T.	.....
Delaware.										
Delaware City	.....	.....	0.2	4.9	T.	1.5	T.	T.	.....	6.6
Dover	.....	.....	2.0	10.0	.....	1.5	.....	T.	.....	13.5
Milford	.....	.....	6.0	4.0	.....	T.	.....	T.	.....	10.0
Millsboro	.....	.....	3.5	6.0	.....	0.7	T.	.....	.....	10.2
Seaford	.....	.....	6.0	4.0	.....	T.	T.	T.	.....	10.0
Wilmington	.....	.....	0.5	12.0	T.	1.5	.....	.....	.....	14.0
District of Columbia.										
Washington	.....	.....	0.6	6.5	T.	1.7	T.	T.	.....	8.8
Florida.										
Blountstown	(*)	.....	T.	(*)	(*)	(*)	(*)	(*)	(*)	.....
Marianna	.....	.....	T.	.....	.....	.....	.....	.....	.....	T.
Mount Pleasant	.....	.....	0.5	.....	.....	.....	.....	.....	.....	0.5
Tallahassee	.....	.....	T.	.....	.....	.....	.....	.....	.....	T.
Georgia.										
Atlanta	.....	.....	2.2	.....	T.	T.	.....	.....	.....	2.2
Augusta	.....	.....	T.	.....	.....	.....	.....	.....	.....	T.
Canton	.....	.....	1.1	.....	T.	.....	.....	.....	.....	1.1
Clayton	.....	.....	2.0	.....	T.	.....	.....	.....	.....	2.0
Dahlonega	.....	.....	2.0	.....	T.	.....	.....	.....	.....	2.0
Diamond	.....	.....	2.0	.....	3.0	T.	T.	T.	.....	5.0
Gore	.....	.....	1.0	.....	T.	.....	.....	.....	.....	1.0
Lost Mountain	.....	.....	2.5	.....	.....	.....	.....	.....	.....	2.5
Macon	.....	.....	1.5	.....	T.	.....	.....	.....	.....	1.5
Rome	.....	.....	T.	.....	.....	.....	.....	.....	.....	T.
Savannah	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Thomasville	.....	.....	1.0	.....	.....	.....	.....	.....	.....	1.0

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Idaho.										
Albion	.....	2.0	.....	4.0	11.5	5.0	(*)	.....	.....	.....
Almo	T.	1.3	1.0	5.0	1.4	0.9	0.5	.....	.....	10.1
American Falls	.....	3.0	T.	(*)	(*)	1.0	T.	T.	.....	.....
Arrowrock	.....	.....	.....	10.5	32.0	1.5	7.7	T.	.....	51.7
Blackfoot	.....	2.5	0.5	4.6	11.0	8.4	7.7	0.5	.....	35.2
Blackfoot Dam	.....	9.0	11.0	12.4	20.0	9.0	16.5	.....	.....	77.9
Bogus Creek	.....	1.5	2.0	20.0	42.0	(*)	16.5	T.	.....	.....
Boise	.....	.....	T.	4.5	12.8	0.5	1.2	T.	.....	19.0
Bonners Ferry	.....	.....	.....	12.0	35.0	.....	1.0	.....	.....	48.0
Boulder Mine	.....	0.8	7.1	30.7	70.8	9.5	31.9	.....	.....	150.8
Buhl	.....	0.2	T.	5.0	7.5	3.2	3.5	.....	.....	19.4
Caldwell	.....	.....	.....	4.5	13.5	.....	T.	1.0	.....	19.0
Caldwell Experiment Station	.....	.....	.....	(*)	(*)	(*)	(*)	(*)	.....	.....
Cambridge	.....	.....	2.5	16.0	48.0	4.5	5.5	.....	.....	76.5
Cedar Creek Dam	.....	18.0	5.0	23.0	15.0	9.5	22.5	2.0	0.5	95.5
Chesterfield	.....	1.0	4.5	5.0	15.1	(*)	T.	T.	.....	.....
Clarks Fork	.....	.....	T.	29.7	56.0	1.6	13.5	T.	.....	100.8
Council	.....	.....	2.0	(*)	53.0	3.0	4.0	T.	.....	.....
Culdesac	.....	.....	0.5	3.7	39.4	12.0	14.4	T.	.....	70.0
Deary	(*)	(*)	(*)	30.0	83.0	14.7	13.2	1.0	.....	.....
Dent	.....	.....	(*)	(*)	(*)	(*)	(*)	.....	.....	.....
Driggs	T.	3.5	13.1	19.0	27.0	6.5	17.5	0.5	0.2	87.3
Emmett	.....	.....	.....	4.6	9.9	T.	0.7	T.	.....	15.2
Garnet	.....	.....	.....	.....	3.5	.....	.....	.....	.....	3.5
Geneva	1.0	4.8	8.2	7.0	10.0	7.4	14.0	1.0	.....	53.4
Glenns Ferry	.....	.....	.....	6.0	16.0	1.0	T.	T.	.....	23.0
Gooding	.....	T.	.....	6.5	(*)	2.5	0.4	T.	.....	.....
Grace	(*)	(*)	(*)	(*)	(*)	1.5	10.0	0.2	T.	.....
Grand Forks	.....	1.5	7.0	72.4	114.6	11.1	10.2	1.0	.....	217.8
Grandview	.....	.....	(*)	(*)	3.0	T.	T.	.....	.....	.....
Grimes Pass	.....	2.3	9.9	29.2	64.3	7.2	26.7	T.	.....	139.6
Guffey	.....	.....	.....	0.5	2.5	0.4	T.	.....	.....	3.4
Hailey	.....	T.	4.5	16.0	49.7	1.8	2.5	5.0	T.	79.5
Hollister	.....	5.5	T.	8.2	5.5	3.3	4.5	1.0	T.	28.0
Hotspring	.....	.....	.....	1.0	4.0	.....	T.	.....	.....	5.0
Idaho Falls	.....	3.0	0.5	7.1	12.9	3.0	4.0	T.	.....	30.5
Indian Cove	.....	.....	.....	1.0	6.5	T.	0.5	.....	.....	8.0
Indian Valley	.....	.....	0.5	15.5	29.9	3.0	3.8	0.3	.....	53.0
Irwin	(*)	2.0	(*)	(*)	(*)	(*)	7.0	(*)	(*)	.....
Kellogg	.....	.....	4.0	14.2	58.8	4.2	10.4	.....	.....	91.6
Kilgore	(*)	(*)	(*)	13.0	40.6	12.5	22.0	14.0	1.0	.....
Kirkham	.....	1.0	3.5	33.0	61.1	4.0	9.1	.....	.....	111.7
Kooskia	.....	.....	1.0	5.1	55.2	13.2	9.5	.....	.....	84.0
Lakeview	.....	.....	5.0	25.5	65.0	.....	16.0	.....	.....	111.5
Landore	T.	6.0	21.2	60.8	79.5	16.5	42.5	21.3	T.	247.8
Leadore	.....	7.0	(*)	(*)	(*)	10.0	(*)	(*)	(*)	.....
Lewiston	.....	.....	T.	1.0	23.4	14.2	4.2	.....	.....	42.8
Little Camas	.....	0.5	8.5	18.0	52.9	4.0	12.5	3.0	T.	99.4
Loon Creek	.....	2.5	3.5	22.8	27.1	6.5	11.5	T.	T.	73.9
Mackay	.....	0.5	0.5	1.5	22.0	3.7	T.	T.	.....	28.2
Meridian	.....	.....	T.	4.0	11.5	0.5	0.6	T.	.....	16.6
Mesa	.....	T.	(*)	17.7	(*)	3.7	2.3	3.7	.....	.....
Middle Fork	.....	.....	.....	6.5	80.5	12.5	(*)	.....	.....	.....
Milner	.....	0.5	0.5	8.5	8.0	4.0	T.	T.	.....	21.5
Moore	(*)	(*)	(*)	(*)	(*)	(*)	1.7	0.5	.....	.....
Moscow	.....	.....	1.0	12.2	66.5	10.0	16.2	T.	.....	105.9
Mountainhome	.....	.....	.....	6.0	10.0	.....	0.5	.....	.....	16.5
Murtaugh	.....	1.4	T.	4.0	8.6	2.5	2.5	T.	.....	19.0
New Meadows	(*)	(*)	(*)	(*)	(*)	7.8	22.0	6.0	.....	.....
Nezperce	.....	.....	.....	5.0	30.0	20.0	10.0	1.0	.....	66.0
Oakley	.....	.....	T.	14.0	5.0	6.0	2.0	.....	.....	27.0
O'Hara Bar	.....	.....	T.	(*)	(*)	17.0	(*)	(*)	.....	.....
Orofino	.....	.....	2.2	8.5	67.3	23.5	14.7	.....	.....	116.2
Paris	T.	5.0	(*)	7.0	18.0	6.0	(*)	(*)	.....	.....
Payette	.....	.....	T.	6.0	14.2	T.	2.0	T.	.....	22.2
Pierson	.....	4.0	6.0	28.0	6.0	2.0	20.0	.....	1.0	67.0
Pine	.....	.....	2.0	16.0	71.6	7.6	9.5	.....	.....	106.7
Pleasant Valley	.....	.....	.....	7.7	8.4	T.	1.2	T.	.....	17.3
Pocatello	.....	0.5	T.	2.0	10.0	5.4	10.2	0.2	T.	28.3
Poplar	.....	4.5	4.0	7.0	8.0	7.0	10.0	T.	.....	40.5

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Idaho—Continued.										
Porthill	.....	.....	3.0	22.0	32.0	1.0	5.0	.....	.....	63.0
Powers Ranch	.....	.....	1.0	16.5	36.5	1.7	11.0	T.	.....	66.7
Priest River Experiment Station No. 1	.....	1.0	3.3	30.4	57.6	4.2	10.9	.....	.....	107.4
Priest River Experiment Station No. 2	.....	1.0	3.3	25.1	55.8	3.7	10.7	.....	.....	99.6
Priest River Experiment Station No. 3	.....	1.0	3.3	27.3	57.8	3.9	11.0	.....	.....	104.3
Pyle Creek	.....	T.	0.6	21.1	62.1	6.7	8.0	.....	.....	98.5
Rattlesnake	.....	.....	T.	11.9	42.5	2.3	2.0	.....	.....	58.7
Richfield	.....	4.0	.....	4.1	23.5	1.0	2.0	T.	.....	34.6
Roseberry	.....	.....	(*)	23.3	(*)	(*)	(*)	(*)	.....	.....
Roseworth	.....	7.5	0.2	2.7	4.1	5.3	6.1	T.	.....	25.9
Rupert	.....	2.7	0.2	4.1	7.1	1.0	0.8	.....	.....	15.9
St. Maries	.....	T.	0.5	(*)	(*)	(*)	(*)	(*)	(*)	.....
St. Michaels Priory	(*)	(*)	(*)	(*)	(*)	(*)	21.5	6.0	0.9	.....
Salmon	.....	1.3	T.	4.9	9.5	6.9	4.4	T.	.....	27.0
Sandpoint	.....	2.0	1.0	35.0	67.0	1.0	9.0	T.	.....	115.0
Sheep Hill	.....	0.5	5.0	21.5	53.5	5.4	14.7	T.	.....	100.6
Shoshone	.....	T.	T.	5.5	10.5	1.2	1.2	T.	.....	18.4
Silver City	T.	2.0	4.6	25.2	20.9	4.2	12.8	2.5	.....	72.2
Smith Prairie	(*)	(*)	(*)	19.8	37.3	13.4	(*)	(*)	.....	.....
Soldier Creek	T.	T.	9.5	(*)	(*)	5.2	(*)	3.2	T.	.....
Spirit Lake	(*)	(*)	(*)	(*)	40.9	4.0	12.2	(*)	(*)	.....
Springfield	.....	3.7	T.	4.0	5.4	7.6	3.2	T.	.....	23.9
Spring Hill	.....	T.	0.8	9.5	23.8	0.5	3.0	.....	.....	37.6
Sugar	.....	3.0	3.0	5.0	16.0	9.0	10.0	1.0	.....	47.0
Sunnyside	.....	.....	.....	7.0	21.0	.....	T.	.....	.....	28.0
Tripod Mountain	.....	T.	1.2	15.5	39.6	3.4	8.5	T.	.....	68.2
Twin Falls	.....	.....	.....	6.0	12.3	1.5	2.5	.....	.....	22.3
Vernon	.....	7.0	1.0	12.9	8.7	14.5	8.0	1.5	.....	53.6
Weiser	.....	.....	.....	5.0	23.8	0.5	0.5	.....	.....	29.8
Wendell	.....	T.	.....	3.7	12.5	2.5	2.0	.....	.....	20.7
Weston	.....	.....	.....	3.5	8.5	7.5	16.0	.....	T.	35.5
Illinois.										
Albion	.....	.....	0.2	T.	2.3	5.2	1.8	.....	.....	9.5
Aledo	.....	.....	T.	0.8	6.5	7.6	5.3	T.	.....	20.2
Alexander	.....	.....	T.	0.1	1.0	8.3	7.9	T.	.....	17.3
Bloomington	.....	.....	T.	T.	3.5	5.3	10.8	.....	.....	19.6
Cairo	.....	.....	.....	3.2	0.3	2.1	1.7	.....	.....	7.3
Carlinville	.....	.....	T.	T.	T.	4.7	10.5	.....	.....	15.2
Charleston	.....	.....	T.	T.	1.8	6.0	6.2	.....	.....	14.0
Chicago	.....	.....	0.4	.....	7.8	5.5	7.0	T.	.....	20.7
Cobden	.....	.....	.....	1.0	0.5	1.5	2.0	.....	.....	5.0
Greenville	.....	.....	.....	T.	T.	5.2	8.7	.....	.....	13.9
Joliet	.....	.....	0.3	0.5	6.5	5.8	4.9	.....	.....	18.0
La Salle	.....	.....	0.1	T.	5.2	7.6	7.5	T.	.....	20.4
Oregon	.....	.....	0.5	0.7	6.8	10.0	4.0	T.	.....	22.0
Ottawa	.....	.....	T.	T.	5.5	8.9	(*)	.....	.....	.....
Palestine	.....	.....	T.	T.	1.0	5.3	4.0	.....	.....	10.3
Peoria	.....	.....	T.	T.	7.3	9.5	5.3	.....	.....	22.1
Rantoul	.....	.....	0.2	T.	4.5	9.3	11.3	(*)	.....	.....
Riley	.....	.....	0.8	2.0	5.7	6.9	5.9	T.	.....	21.3
Springfield	.....	.....	T.	T.	0.8	8.0	6.8	T.	.....	15.6
Indiana.										
Butlerville	.....	.....	0.9	6.4	6.8	6.5	3.0	T.	.....	23.6
Connersville	.....	.....	0.5	3.0	6.5	3.0	3.5	.....	.....	16.5
Evansville	.....	.....	.....	3.0	2.7	7.6	4.2	.....	.....	17.5
Fort Wayne	.....	.....	0.5	0.2	10.0	10.1	12.6	.....	.....	33.4
Greensburg	.....	.....	T.	0.9	6.0	2.0	2.0	.....	(*)	.....
Howe	.....	.....	1.0	0	2.0	7.0	(*)	(*)	.....	.....
Indianapolis	.....	.....	0.4	1.1	1.7	4.1	8.1	T.	.....	15.4
Kokomo	.....	.....	0.5	T.	4.2	7.5	5.5	.....	.....	17.7
Lafayette	.....	.....	0.5	0.2	4.7	6.7	8.2	.....	.....	20.3
Laporte	.....	.....	1.1	3.0	3.0	11.0	9.7	.....	.....	27.8
Marengo	.....	.....	0.1	0.1	(*)	(*)	(*)	.....	.....	.....
Mauzy	.....	.....	1.4	4.5	10.4	4.9	6.9	T.	.....	28.1
Richmond	.....	.....	0.9	3.5	6.3	5.1	2.3	.....	.....	18.1
Scottsburg	.....	.....	T.	6.0	4.0	1.0	1.0	.....	.....	12.0
South Bend	.....	.....	1.0	0.5	6.5	10.5	16.5	.....	.....	35.0
Terre Haute	.....	.....	0.1	T.	2.1	5.3	6.0	.....	.....	13.5
Vevay	.....	.....	0.5	3.0	T.	7.0	3.5	.....	.....	14.0

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Iowa.										
Afton	.....	T.	T.	.....	8.5	11.0	1.0	.....	.....	20.5
Albia	.....	.....	T.	1.0	6.0	10.0	2.0	T.	.....	19.0
Algona	.....	.....	T.	4.0	5.0	10.7	6.5	5.5	.....	31.7
Allerton	.....	T.	T.	0.5	8.0	9.8	3.0	.....	.....	21.3
Alta	.....	.....	T.	0.5	2.5	7.3	5.5	10.8	.....	26.6
Alta (near)	.....	.....	.....	T.	2.5	6.2	4.2	5.5	.....	18.4
Alton	.....	.....	T.	4.0	2.0	0.7	5.0	11.0	.....	22.7
Amana	.....	.....	T.	2.0	7.0	7.2	7.6	.....	.....	23.8
Ames	.....	.....	T.	T.	10.0	4.5	1.2	0.2	.....	15.9
Atlantic	.....	T.	.....	0.5	7.6	6.9	6.3	0.3	.....	21.6
Audubon	.....	.....	.....	2.0	9.3	6.9	6.2	0.4	.....	24.8
Baxter	.....	T.	T.	0.1	11.1	6.6	5.2	1.0	.....	24.0
Bedford	.....	0.2	.....	1.0	7.7	10.1	4.7	T.	.....	23.7
Belle Plaine	.....	.....	T.	0.8	10.4	7.4	7.6	1.0	.....	27.2
Belmond	.....	T.	0.1	3.2	6.1	4.5	6.4	3.6	.....	23.9
Bloomfield	.....	T.	.....	0.3	9.8	(*)	4.9	T.	.....	.....
Bonaparte	.....	.....	T.	T.	8.2	9.5	3.8	.....	.....	21.5
Boone	.....	.....	T.	T.	9.0	8.5	(*)	T.	.....	.....
Britt	.....	.....	0.1	2.3	0.6	1.9	3.7	0.8	.....	9.4
Buckingham	.....	.....	T.	T.	12.5	8.0	(*)	(*)	.....	.....
Burlington	.....	.....	T.	T.	11.6	8.8	5.7	.....	.....	26.1
Carroll	.....	.....	.....	0.5	9.0	5.0	4.0	2.0	.....	20.5
Cedar Rapids	.....	.....	T.	T.	7.7	4.0	11.1	1.0	.....	23.8
Centerville	.....	T.	(*)	2.0	9.5	11.4	6.5	0.2	.....	.....
Chariton	.....	.....	T.	1.0	6.0	6.0	5.0	.....	.....	18.0
Charles City	.....	.....	T.	1.1	9.7	9.1	14.5	0.8	.....	35.2
Clarinda	.....	T.	T.	1.0	10.3	0.5	6.2	.....	.....	18.0
Clear Lake	.....	.....	.....	0.5	2.8	6.0	11.5	0.7	.....	21.5
Clinton	.....	.....	T.	0.5	9.1	12.2	11.3	T.	.....	33.1
Columbus Junction	.....	.....	T.	0.5	6.2	10.0	7.3	T.	.....	24.0
Corning	.....	T.	.....	1.0	12.0	0.9	2.0	T.	.....	15.9
Corydon	.....	0.5	.....	1.5	10.0	11.0	5.7	T.	.....	28.7
Council Bluffs	.....	T.	.....	(*)	12.0	9.6	6.0	T.	.....	.....
Creston	.....	.....	.....	T.	6.5	5.6	2.4	0.9	.....	15.4
Cumberland	.....	.....	.....	T.	9.0	7.0	T.	.....	.....	16.0
Davenport	.....	.....	T.	T.	7.4	11.3	10.2	1.2	.....	30.1
Decorah	.....	.....	0.2	(*)	13.0	7.5	11.5	.....	.....	.....
Delaware	.....	.....	0.1	0.1	8.0	4.5	6.5	0.2	.....	19.4
Denison	.....	.....	T.	T.	5.0	5.5	1.0	2.0	.....	13.5
Des Moines	.....	.....	0.2	0.6	16.1	6.7	6.7	0.9	.....	31.2
Dubuque	.....	.....	0.1	0.4	9.0	4.9	5.0	0.2	.....	19.6
Earlham	.....	T.	T.	1.0	17.5	11.5	4.5	T.	.....	34.5
Elkader	.....	.....	T.	1.0	11.0	9.0	8.0	1.0	.....	30.0
Elliott	.....	.....	.....	T.	(*)	5.0	7.5	.....	.....	.....
Elma	.....	.....	T.	1.1	5.0	5.0	10.0	1.1	.....	22.2
Estherville	.....	.....	T.	4.0	3.0	7.0	4.5	3.0	.....	21.5
Fairfield	.....	.....	T.	2.5	7.9	11.3	8.3	.....	.....	30.0
Fayette	.....	.....	T.	0.5	11.2	5.0	7.7	2.5	.....	26.9
Forest City	.....	.....	T.	3.0	3.5	8.0	5.5	2.0	.....	22.0
Fort Dodge	.....	.....	T.	T.	5.0	5.0	3.0	2.0	.....	15.0
Fort Madison	.....	T.	T.	T.	8.0	10.0	7.0	.....	.....	25.0
Gilman	.....	T.	T.	(*)	10.1	5.0	1.0	(*)	.....	.....
Grand Meadow	.....	.....	0.2	1.5	7.4	5.8	11.0	1.5	.....	27.4
Greenfield	.....	T.	T.	0.5	11.8	5.2	5.5	1.0	.....	24.0
Grinnell	.....	.....	T.	0.2	11.5	7.2	3.2	1.5	.....	23.6
Grundy Center	.....	.....	T.	T.	13.0	7.5	3.9	2.5	.....	26.9
Guthrie Center	.....	.....	T.	T.	9.5	7.8	4.5	T.	.....	21.8
Hampton	.....	.....	T.	0.9	8.0	8.1	6.0	4.3	.....	27.3
Harlan	.....	T.	T.	T.	6.0	6.8	4.7	T.	.....	17.5
Humboldt	.....	.....	.....	2.0	5.2	6.5	2.5	3.5	.....	19.7
Independence	.....	.....	T.	T.	10.8	4.1	8.0	T.	.....	22.9
Indianola	.....	.....	T.	0.6	11.2	8.4	5.8	1.9	.....	27.9
Inwood	.....	.....	.....	5.0	1.1	8.6	3.6	2.5	.....	20.8
Iowa City	.....	.....	T.	T.	9.5	8.1	6.3	0.8	.....	24.7
Iowa Falls	.....	.....	T.	0.5	9.7	11.5	8.3	5.3	.....	35.3
Jefferson	.....	T.	0.3	0.3	5.1	7.2	0.9	0.1	.....	13.9
Keokuk	.....	T.	T.	T.	4.5	11.7	T.	T.	.....	16.2
Keosauqua	.....	.....	T.	1.0	7.5	11.6	6.0	T.	.....	26.1
Knoxville	.....	.....	T.	1.5	8.0	9.5	2.5	0.2	.....	21.7
Lacona	.....	.....	0.2	.....	8.0	6.3	1.9	.....	.....	16.4

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Iowa—Continued.										
Lake Park	.....	.....	T.	1.0	1.0	3.0	1.0	7.5	.....	13.5
Lamoni	.....	.....	T.	1.0	1.0	6.0	3.0	.....	.....	11.0
Lansing	.....	.....	T.	.....	13.4	7.7	4.6	T.	.....	25.7
Le Claire	.....	.....	0.1	T.	5.5	9.3	12.6	0.7	.....	28.2
Le Mars	.....	.....	.....	2.5	0.4	7.0	(*)	18.0	.....	.....
Lenox	.....	T.	.....	1.0	8.3	9.1	1.8	0.5	.....	20.7
Leon	.....	T.	0.5	1.0	6.0	10.5	4.0	.....	.....	22.0
Little Sioux	.....	.....	.....	0.7	8.4	9.0	3.6	5.5	.....	27.2
Logan	.....	.....	T.	(*)	7.5	6.8	0.2	(*)	.....	.....
Marshalltown	T.	T.	T.	(*)	(*)	9.6	5.9	2.0	.....	.....
Mason City	.....	.....	T.	0.7	2.1	4.8	3.5	1.2	.....	12.3
Monroe	.....	T.	0.2	T.	13.6	6.2	1.0	T.	.....	21.0
Mount Ayr	.....	T.	.....	2.0	3.0	5.9	4.1	T.	.....	15.0
Mount Pleasant	.....	.....	T.	0.7	8.3	8.8	6.1	T.	.....	23.9
Murray	.....	.....	.....	(*)	6.9	4.8	1.5	0.4	.....	.....
Muscatine	.....	.....	T.	0.5	10.2	11.0	17.1	T.	.....	28.8
New Hampton	.....	.....	.....	(*)	7.5	7.2	5.4	(*)	.....	.....
Nora Springs	.....	.....	T.	0.6	3.7	5.1	9.0	1.6	.....	20.0
Northboro	.....	T.	.....	0.5	8.0	11.3	5.8	.....	.....	25.6
Northwood	T.	.....	T.	11.0	3.7	15.7	13.0	9.5	.....	52.9
Odebolt	.....	.....	.....	0.5	3.2	6.0	0.5	7.0	.....	17.2
Olin	.....	.....	T.	T.	7.0	4.0	7.0	T.	.....	18.0
Onawa	.....	.....	.....	1.5	7.0	8.5	6.6	17.3	.....	40.9
Osage	.....	.....	.....	T.	5.0	6.0	4.0	(*)	.....	.....
Oskaloosa	.....	.....	0.2	1.6	8.2	7.0	3.8	T.	.....	20.8
Ottumwa	.....	(*)	.....	2.0	(*)	10.0	4.1	T.	.....	.....
Pacific Junction	.....	T.	.....	T.	6.5	7.6	7.4	1.5	.....	23.0
Pella	.....	.....	0.6	1.5	11.3	9.1	6.8	1.6	.....	30.9
Perry	.....	.....	T.	T.	13.5	9.2	5.5	T.	.....	28.2
Pocahontas	.....	.....	T.	1.1	2.6	6.6	2.7	6.0	.....	19.0
Rock Rapids	.....	.....	.....	2.0	(*)	4.0	2.1	1.9	.....	.....
Rockwell City	.....	.....	T.	(*)	2.0	6.0	11.0	6.0	.....	.....
Sac City	.....	.....	T.	T.	5.5	13.0	4.0	(*)	.....	.....
St. Charles	.....	T.	T.	0.5	8.3	7.8	5.7	T.	.....	22.3
Sheldon	.....	.....	.....	1.0	0.8	2.7	3.7	5.0	.....	13.2
Sibley	.....	.....	.....	2.0	1.3	2.4	4.5	7.2	.....	17.4
Sigourney	.....	.....	T.	2.0	8.9	5.5	6.6	0.5	.....	23.5
Sioux Center	.....	.....	T.	3.5	2.5	6.5	7.5	16.7	.....	36.7
Sioux City	.....	.....	T.	3.5	2.2	8.1	4.6	22.9	.....	41.3
Spencer	.....	.....	(*)	(*)	2.5	7.0	(*)	(*)	.....	.....
Stockport	.....	.....	1.0	1.0	9.0	12.0	3.0	.....	.....	26.0
Storm Lake	T.	.....	0.5	1.3	3.7	8.3	4.4	8.5	.....	26.7
Thurman	.....	T.	T.	T.	5.2	6.5	(*)	(*)	.....	.....
Tipton	.....	.....	T.	T.	8.3	(*)	4.5	(*)	.....	.....
Toledo	.....	.....	T.	T.	10.5	5.8	2.5	2.5	.....	21.3
Wapello	.....	.....	.....	.....	5.0	10.0	1.5	(*)	.....	.....
Washington	.....	.....	T.	(*)	8.0	9.8	6.7	.....	.....	.....
Washta	.....	.....	.....	0.5	1.5	6.5	2.0	12.5	.....	23.0
Waterloo	.....	.....	0.2	T.	7.9	7.0	5.4	1.0	.....	21.5
Waukee	.....	T.	0.1	0.8	12.3	4.9	3.8	0.5	.....	22.4
Waverly	.....	.....	.....	(*)	7.0	4.0	4.0	(*)	.....	.....
Webster City	.....	.....	T.	T.	5.0	5.5	0.5	1.0	.....	12.0
West Bend	.....	.....	T.	9.0	1.7	8.1	11.5	6.0	.....	36.3
Whitten	.....	T.	T.	T.	(*)	7.0	3.0	4.0	.....	.....
Winterset	.....	T.	T.	0.3	13.0	9.2	4.4	1.0	.....	27.9
Kansas.										
Burlington	.....	T.	.....	.....	3.5	15.5	T.	.....	.....	19.0
Colby	.....	5.0	2.0	1.5	3.0	6.0	5.5	3.0	.....	26.0
Columbus	.....	0.5	.....	0.5	1.2	12.5	8.2	.....	.....	22.9
Concordia	.....	0.4	.....	T.	5.5	13.0	2.8	0.3	.....	22.0
Dodge City	.....	T.	0.5	T.	5.0	11.5	2.5	T.	.....	19.5
Emporia	.....	2.0	.....	.....	5.0	25.0	4.0	.....	.....	36.0
Frankfort	.....	T.	.....	.....	6.0	15.0	9.0	T.	.....	30.0
Garden City	.....	T.	2.0	0.5	2.0	13.5	0.5	0.2	.....	18.7
Grenola	.....	T.	T.	T.	1.5	8.5	1.0	T.	.....	11.0
Horton	.....	2.0	.....	T.	7.0	12.7	3.4	.....	.....	25.1
Hutchinson	.....	T.	T.	T.	5.0	18.5	1.2	T.	.....	24.7
Independence	.....	1.0	.....	0.2	1.1	10.0	2.1	.....	.....	14.4

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Kansas—Continued.										
Iola		T.			1.0	12.3	3.4			16.7
Lakin		T.	2.0	T.	2.0	10.0	T.	4.0		18.0
McPherson		T.			9.0	22.0	4.0			35.0
Manhattan		T.		T.	8.0	17.9	2.5			28.4
Marion		0.5		T.	7.5	12.2	3.5	T.		23.7
Minneapolis		0.5		T.	5.5	12.0	3.5	T.		21.5
Moran		0.5	0.7		2.2	9.5	1.0			13.9
Richfield		0.5	0.8	T.	3.0	9.0	3.0	T.		16.3
Rome		T.	T.		3.5	11.0	2.5			17.0
St. Francis	T.	4.0	4.0	2.0	3.2	5.2	2.2	6.2		26.8
Sedan		1.0		3.0	4.8	8.0	4.5			21.3
Topeka		4.5		T.	5.3	16.4	3.1	T.		29.3
Wichita		T.	T.		6.5	20.5	1.2			28.2
Kentucky.										
Alpha			0.5	8.2	2.0	T.	T.	T.		10.7
Anchorage			0.2	3.0	2.0	4.0	0.7			9.9
Bardstown			1.0	7.0	1.0	1.8	1.0			11.8
Beattyville			2.0	9.0	4.0	1.0	2.0			18.0
Beaver Dam				4.0	1.0	1.0	T.			6.0
Berea			0.2	8.2	T.	0.3	0.5			9.2
Blandville				5.2	T.	1.2	1.1			7.5
Bowling Green			0.2	7.0	2.0		0.9			10.1
Burnside			T.	5.0	0.2	T.	T.			5.2
Calhoun				6.0	0.5	0.5	0.7			7.7
Catlettsburg			T.	6.0	2.0	1.0	T.			9.0
Earlington				5.0	T.	2.0	T.			7.0
Edmonton			(*)	5.5	2.0	T.	0.5			
Eubank			T.	6.0	0.2	T.	T.			6.2
Falmouth			T.	3.0	0.5	2.5	T.			6.0
Farmers			(*)	(*)	(*)	(*)	0.1			
Frankfort			T.	4.0	0.5	0.5	0.2	T.		5.2
Franklin			T.	6.0	1.5	T.	T.			7.5
Greensburg			T.	4.2	T.	T.	T.			4.2
High Bridge			1.0	6.5	1.0	1.0	T.			9.5
Hopkinsville			T.	10.5	1.0	0.5	T.			12.0
Irvington			T.	2.5	1.5	0.2	T.			4.2
Leitchfield			T.	5.0	3.0	1.0	T.			9.0
Lexington			0.2	6.1	3.7	3.4	0.4			13.8
Loretto			T.	4.5	T.	0.8	(*)			
Louisa			(*)	6.0	2.0	0.5	T.			
Louisville (Weather Bureau)			T.	2.2	1.0	3.8	T.			7.0
Louisville (Cherokee Park)			T.	2.2	1.8	4.6	1.0			9.6
Marion				5.0	T.	2.0	T.			7.0
Maysville			1.0	5.0	3.0	4.1	1.1			14.2
Middlesboro			T.	6.0	T.					6.0
Mount Sterling			T.	8.0	1.0	4.5	T.			13.5
Owensboro			T.	3.0	T.	2.0	1.0			6.0
Paducah				5.0	T.	2.0	1.0			8.0
Pikeville			T.	6.0	2.0	T.				8.0
Richmond			0.4	5.0	3.2	2.0	0.2			10.8
St. John			0.5	4.0	2.5	2.0	1.5			10.5
Scott			0.2	1.0	4.9	1.3	2.6			10.0
Shelby City			T.	7.0	(*)	0.5	T.			
Shelbyville			1.0	6.5	2.5	2.0	0.8			12.8
Taylorsville			0.2	3.5	0.8	2.0	0.9			7.4
Williamsburg			0.2	2.5	1.8		T.	T.		4.5
Williamstown			T.	1.0	1.2	2.0	1.0			5.2
Louisiana.										
Alexandria			T.							T.
Amite			T.							T.
Antioch			T.							T.
Calhoun			T.							T.
Dodson			T.							T.
Farmerville			T.			T.				T.
Liberty Hill			T.							T.
Minden					T.					T.

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Louisiana—Continued.										
Monroe			T.							T.
Newellton			T.							T.
Plain Dealing					T.					T.
Rayne						T.				T.
Shreveport						0.4				0.4
Tallulah			T.							T.
Maine.										
Bar Harbor			0.5	5.5	7.0	20.5	9.5	2.0	T.	45.0
Eastport			2.0	6.9	7.9	15.3	8.6	3.7	0.1	44.5
Farmington			9.5	9.5	11.5	11.5	10.5	2.0	T.	54.5
Gardiner			2.0	8.0	1.5	15.0	8.0	1.5		36.0
Greenville			14.5	8.0	12.5	14.8	9.9	2.5	T.	62.2
Lewiston			2.2	11.1	5.0	18.0	7.5	4.8		48.6
Orono			T.	10.0	1.2	18.0	9.0		T.	
Portland			T.	4.7	5.0	14.1	5.1	1.2		30.1
Rumford Falls			10.9	7.8	12.2	11.6	7.5	4.1	0.5	54.6
Winslow			1.5	8.3	6.0	13.8	5.0	2.2		36.8
Maryland.										
Annapolis				6.0	(*)	(*)				
Baltimore					T.	1.6	T.	T.		
Cambridge			2.0	3.0		T.	T.			5.0
Cheltenham			1.0	4.0		1.0	T.	T.		6.0
Chestertown			0.5	8.0	T.	0.5	T.	T.		9.0
Chewsville		T.	T.	9.0	1.0	5.0	T.	T.		15.0
Clear Spring				16.5	6.0	2.8	T.	T.		25.3
Coleman			1.0	6.0	1.0	1.0				9.0
College Park			0.5	6.0	T.	T.	T.			6.5
Cumberland			T.	8.8	T.	T.	T.	T.		8.8
Darlington			0.5	9.0	T.	1.5	T.	T.		11.0
Deer Park			1.5	17.0	9.1	8.5	9.8			45.9
Denton			3.5	5.0		T.	T.	T.		8.5
Easton			2.7	4.8		0.5				8.0
Emmitsburg				7.5	3.5	4.2				15.2
Fallston			0.5	7.0	T.	T.	T.	T.		10.5
Frederick			T.	9.0	1.2	3.2	0.3	T.		13.7
Frostburg			1.0	14.8	3.0	5.2	5.0	T.		29.0
Grantsville			1.5	16.3	12.5	6.0	5.0			41.3
Great Falls			1.0	7.0		1.0				9.0
Green Spring Furnace			(*)	7.5	5.5	3.5	T.	T.		
Keedysville				7.0	3.0	3.5	T.	T.		13.5
Lake Montebello			0.5	5.0	T.	1.9	0.3	T.		7.7
Laurel			1.0	6.0	0.4	3.0	T.	T.		10.4
Leonardtown			2.0	3.0	0	2.0				7.0
Monrovia			0.4	6.0	0.4	3.4	0.1	T.		10.3
Oakland			1.9	12.3	12.3	4.7	6.1	0.9		38.2
Pocomoke City			6.0	T.	T.	4.0				10.0
Princess Anne			5.0	3.0		3.0				11.0
Rockville			0.5	5.0	T.	1.0		T.		6.5
Salisbury			6.0	4.0	(*)	1.8	T.			
Solomons			3.0	3.5	T.	1.0	T.			7.5
State Sanatorium			0.2	(*)	3.0	3.1	0.2	T.		
Sudlersville			0.5	9.0	T.	2.0	T.			11.5
Takoma Park			0.9	4.0	T.	1.0	T.			5.9
Towson			0.2	7.1	T.	0.5	T.	T.		7.8
Van Bibber			T.	9.5	T.	0.6				10.1
Westernport			0.2	10.6	4.8	0.5				16.1
Westminster				5.0	T.	2.0		T.		7.0
Woodstock			0.2	5.0	T.	3.1	T.			8.3
Massachusetts.										
Amherst			T.	5.0	4.0	11.0	5.0	T.		25.0
Bedford			0.8	10.0	3.0	10.0	1.0	0.5		25.3
Boston			0.3	9.2	0.3	7.7	0.5	1.4		19.4
Concord			0.7	7.4	3.8	8.7	1.4	1.2		23.2
Fitchburg			T.	5.0	5.0	8.0	7.4	1.0		26.4
Hyannis				11.0		0.5		6.0		

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Massachusetts—Continued.										
Jefferson	.....	.....	1.0	9.0	3.5	13.5	5.0	.....	.....	.....
Nantucket	.....	.....	T.	8.7	T.	1.8	T.	0.9	.....	11.4
Plymouth	.....	.....	2.0	7.0	T.	3.0	0.5	1.0	.....	13.5
Worcester	.....	.....	1.2	9.3	1.1	9.6	2.0	T.	.....	23.2
Michigan.										
Adrian	.....	.....	0.5	0.9	13.6	5.8	12.0	.....	.....	32.8
Allegan	.....	.....	8.0	5.0	16.0	25.0	21.5	.....	.....	75.5
Alma	.....	1.0	10.0	5.5	15.0	15.0	9.5	.....	.....	56.0
Alpena	.....	T.	12.7	9.4	17.2	22.1	5.4	2.5	.....	69.3
Ann Arbor	.....	.....	1.0	1.7	3.8	7.6	10.5	.....	.....	24.6
Arbela	.....	T.	7.5	6.0	15.0	5.0	10.0	.....	.....	43.5
Baraga	.....	.....	(*)	13.6	(*)	16.0	(*)	(*)	.....	.....
Battle Creek	.....	.....	6.0	3.0	8.0	7.0	10.0	.....	.....	34.0
Bay City	.....	.....	(*)	(*)	13.8	10.6	5.2	.....	.....	.....
Benzonia	.....	.....	17.2	7.4	32.0	34.2	41.0	T.	.....	131.8
Bergland	T.	T.	6.2	(*)	(*)	(*)	(*)	(*)	.....	.....
Berlin	.....	.....	1.0	3.0	10.5	5.8	14.3	T.	.....	34.6
Blissfield	.....	.....	T.	(*)	(*)	8.3	7.8	(*)	.....	.....
Bloomingdale	.....	.....	7.0	4.5	5.5	10.1	5.5	T.	.....	32.6
Cadillac	.....	.....	6.5	10.0	20.6	17.7	9.6	(*)	.....	.....
Calumet	0.5	T.	12.0	46.0	22.7	33.0	30.0	7.0	.....	151.2
Charlevoix	.....	.....	2.0	7.0	16.0	22.0	(*)	.....	.....	.....
Charlotte	.....	.....	2.0	2.0	15.0	(*)	11.0	2.0	.....	.....
Chatham	T.	T.	25.0	7.7	23.0	12.5	8.5	10.0	6.0	92.7
Cheboygan	.....	.....	10.0	8.0	4.3	25.0	0.6	0.2	T.	48.1
Clinton	.....	.....	T.	T.	2.4	7.1	10.1	.....	.....	19.6
Coldwater	.....	.....	2.5	3.6	4.8	5.8	12.5	.....	.....	29.2
Croton	.....	.....	7.0	2.0	11.5	8.0	14.0	.....	.....	42.5
Deer Park	(*)	(*)	7.0	(*)	10.0	4.5	10.0	5.0	.....	.....
Detroit	.....	.....	0.1	3.6	8.0	8.4	13.0	T.	.....	33.1
Eagle Harbor	T.	T.	2.5	(*)	(*)	(*)	(*)	T.	.....	.....
Eloise	.....	.....	0.1	1.1	6.1	7.5	11.4	T.	T.	26.2
Escanaba	.....	.....	2.1	7.1	8.6	12.9	14.1	2.6	.....	47.4
Ewen	(*)	(*)	11.0	22.5	23.0	32.5	31.5	14.0	.....	.....
Flint	.....	.....	0.5	1.0	10.5	5.0	10.0	.....	.....	27.0
Frankfort	.....	.....	13.0	6.0	2.0	39.0	24.0	(*)	.....	.....
Ganges	.....	.....	2.5	3.0	5.5	8.0	12.2	.....	.....	31.2
Gladwin	(*)	(*)	(*)	(*)	9.0	10.0	2.5	.....	.....	.....
Grand Haven	.....	0.8	2.0	3.8	11.0	10.4	11.5	T.	.....	39.5
Grand Marais	.....	T.	13.0	14.4	30.5	21.5	16.5	1.5	.....	97.4
Grand Rapids	.....	T.	7.1	2.3	13.1	9.9	9.6	T.	.....	42.0
Grape	.....	.....	T.	2.8	4.4	5.9	10.0	.....	.....	23.1
Grass Lake	.....	T.	2.0	4.0	7.0	6.0	3.0	.....	.....	22.0
Grayling	.....	T.	15.8	6.6	4.7	21.1	8.5	0.7	.....	57.4
Green	.....	(*)	(*)	(*)	17.0	12.0	21.0	3.0	.....	.....
Harbor Beach	.....	.....	1.5	(*)	24.0	14.0	11.0	.....	.....	.....
Harrison	.....	.....	(*)	2.0	(*)	6.0	10.0	.....	.....	.....
Harrisville	.....	T.	6.5	9.0	16.1	20.2	2.8	1.2	.....	55.8
Hart	.....	.....	(*)	(*)	14.0	11.6	20.0	(*)	.....	.....
Hayes	.....	.....	3.0	1.2	8.0	10.5	T.	.....	.....	22.7
Highland	.....	.....	1.5	4.0	(*)	7.0	8.0	(*)	.....	.....
Hillsdale	.....	.....	3.4	3.2	3.8	6.3	11.2	.....	.....	27.9
Holland	.....	0.2	1.6	4.0	12.1	13.6	6.5	T.	.....	38.0
Houghton	0.8	1.0	13.2	21.1	24.4	19.6	30.6	2.1	T.	112.8
Houghton Lake	(*)	(*)	(*)	(*)	(*)	5.4	0.7	T.	.....	.....
Howell	.....	.....	0.6	0.8	4.9	3.4	5.6	.....	.....	15.3
Humboldt	T.	T.	(*)	5.4	4.1	23.0	17.0	16.0	.....	.....
Iron Mountain	T.	.....	7.0	5.5	4.8	9.5	16.5	6.5	T.	49.8
Iron River	T.	T.	2.0	9.0	8.0	15.0	7.0	3.0	T.	44.0
Ironwood	T.	.....	17.0	18.0	11.0	14.0	26.0	6.0	(*)	.....
Ishpeming	T.	T.	13.5	11.6	8.0	30.0	18.9	16.1	.....	98.1
Ivan	.....	T.	14.3	(*)	17.5	9.0	8.5	1.0	.....	.....
Jackson	.....	.....	1.5	1.7	3.9	5.5	11.0	.....	.....	23.6
Jeddo	.....	.....	0.2	2.1	12.5	8.7	13.3	T.	.....	36.8
Johanneesburg	(*)	(*)	(*)	(*)	(*)	11.5	2.0	(*)	T.	.....
Kalamazoo	.....	.....	9.0	5.0	(*)	16.5	9.5	T.	.....	.....
Lansing (College)	.....	0.2	6.2	2.1	18.7	10.5	13.9	.....	.....	51.6
Lansing (Capitol)	.....	6.0	7.6	1.8	17.3	10.2	11.2	.....	.....	54.1

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Michigan—Continued.										
Ludington	.....	.....	6.8	3.8	13.2	9.2	10.7	T.	.....	43.7
Luther	.....	T.	9.5	11.5	16.0	15.5	18.5	T.	.....	71.0
Mackinac Island	(*)	.....	7.5	(*)	10.0	12.0	(*)	6.0	T.	.....
Mancelona	.....	.....	32.0	(*)	(*)	16.0	12.0	(*)	.....	.....
Manistee	.....	(*)	4.0	0.5	(*)	8.0	14.0	T.	(*)	.....
Maple Ridge	.....	.....	18.0	8.0	11.0	19.0	(*)	.....	.....	.....
Marquette	.....	T.	8.3	17.9	20.2	25.0	32.6	18.8	T.	122.8
Menominee	.....	.....	2.5	4.0	11.9	17.5	14.5	2.5	.....	52.9
Midland	.....	.....	5.0	3.0	5.0	4.5	(*)	.....	.....	.....
Morenci	.....	.....	0.8	1.6	5.6	12.5	12.0	.....	.....	32.5
Mount Clemens	.....	.....	2.5	(*)	7.8	3.5	8.2	.....	.....	.....
Mount Pleasant	.....	4.0	4.5	6.5	(*)	(*)	(*)	.....	.....	.....
Munising	.....	.....	9.8	15.5	30.4	20.6	28.0	7.7	.....	112.0
Muskegon	.....	.....	0.5	2.2	8.3	16.8	11.0	.....	.....	38.8
Newberry	T.	T.	20.7	9.7	19.0	17.7	24.2	6.8	.....	98.1
Old Mission	.....	.....	7.5	4.3	18.9	37.0	7.4	.....	.....	75.1
Olivet	.....	.....	2.7	1.6	10.9	10.1	6.9	T.	.....	32.2
Onaway	(*)	(*)	16.0	6.0	23.0	(*)	(*)	(*)	.....	.....
Owosso	.....	.....	3.8	1.1	17.1	8.2	15.0	.....	.....	45.2
Petoskey	.....	(*)	6.0	1.5	17.2	11.2	5.4	(*)	.....	.....
Plymouth	.....	.....	T.	1.3	5.5	7.5	(*)	.....	.....	.....
Pontiac	.....	.....	2.0	6.0	10.0	7.0	9.5	T.	.....	34.5
Port Austin	.....	.....	T.	1.5	10.0	10.0	1.0	.....	.....	22.5
Port Huron	.....	.....	0.3	4.7	8.8	8.5	14.1	.....	.....	36.4
Roscommon	.....	.....	14.8	7.1	11.7	21.3	3.6	0.3	.....	58.8
Saginaw	.....	T.	4.5	4.5	18.5	8.5	3.1	.....	.....	39.1
Saginaw (West Side)	.....	T.	4.3	2.4	13.5	3.8	3.5	T.	.....	27.5
St. Ignace	.....	(*)	(*)	(*)	19.4	16.0	6.5	4.5	(*)	.....
St. James	.....	.....	9.0	7.0	19.0	23.0	10.0	.....	.....	68.0
St. Joseph	.....	.....	T.	1.0	9.6	11.0	11.8	.....	.....	33.4
Sandusky	.....	.....	(*)	(*)	9.0	3.9	9.0	(*)	.....	.....
Saranac	.....	.....	6.0	2.0	10.5	9.5	8.5	.....	.....	36.5
Sault Ste. Marie	.....	T.	9.2	11.4	16.0	12.8	12.3	2.3	.....	64.0
Seney	.....	T.	(*)	7.5	17.5	5.0	16.5	(*)	.....	.....
South Haven	.....	.....	2.0	6.0	5.5	10.0	3.4	(*)	(*)	.....
Thomaston	.....	.....	16.0	8.0	(*)	(*)	28.0	8.0	.....	.....
Thornville	.....	.....	4.0	10.5	19.0	19.0	15.5	.....	.....	68.0
Traverse City	.....	.....	6.5	9.5	14.5	19.5	6.0	T.	.....	56.0
Vassar	.....	.....	1.0	4.5	16.0	5.5	7.0	.....	.....	34.0
Victoria	.....	.....	7.5	17.0	18.0	13.5	17.5	9.0	.....	82.5
Wasepi	.....	.....	2.5	4.5	2.0	7.0	(*)	.....	.....	.....
Watersmeet	.....	T.	6.1	10.8	8.4	26.5	37.9	9.7	.....	99.4
West Branch	.....	0.1	(*)	2.5	9.5	(*)	(*)	.....	(*)	.....
Whitefish Point	.....	T.	8.3	22.4	24.8	30.3	24.2	8.1	.....	118.1
Woodlawn	T.	.....	28.1	23.0	(*)	(*)	(*)	(*)	(*)	.....
Ypsilanti	.....	.....	0.3	2.3	2.3	6.4	10.5	.....	.....	21.8
Minnesota.										
Albert Lea	.....	T.	T.	3.7	1.0	6.0	T.	T.	.....	.....
Alexandria	(*)	.....	2.2	3.0	10.0	2.4	6.1	3.0	.....	.....
Bird Island	T.	T.	T.	2.8	0.8	4.8	6.2	7.5	.....	.....
Caledonia	.....	.....	1.2	2.2	12.5	16.2	7.6	3.8	.....	.....
Collegeville	.....	.....	1.5	8.0	14.3	7.2	3.3	1.7	.....	.....
Crookston	3.0	0.5	0.8	13.0	3.5	1.2	15.2	T.	.....	.....
Detroit	3.0	(*)	5.0	7.7	5.0	2.0	11.0	7.0	.....	.....
Duluth	0.1	T.	1.8	20.8	9.3	11.3	29.1	4.5	T.	.....
Farmington	.....	T.	T.	10.0	1.5	5.0	11.0	3.0	.....	.....
Fergus Falls	2.4	0.2	2.5	10.2	9.6	3.3	8.8	3.4	.....	.....
Grand Meadow	0.2	.....	T.	3.8	1.4	8.5	4.5	0.7	.....	.....
Hallock	T.	1.0	0.8	5.0	3.5	2.4	9.7	T.	.....	.....
Long Prairie	.....	.....	1.0	(*)	3.5	3.0	(*)	2.0	.....	.....
Minneapolis	.....	T.	1.0	13.6	4.5	11.7	11.6	5.0	.....	.....
Montevideo	0.5	.....	T.	4.8	2.0	5.5	2.9	8.0	.....	.....
Moorhead	2.0	0.3	0.4	9.2	4.5	0.6	6.9	2.0	.....	.....
Morris	2.0	.....	2.0	4.9	6.5	2.0	4.1	8.0	.....	.....
New Ulm	T.	T.	0.1	5.2	2.7	9.5	7.0	7.5	.....	.....
Park Rapids	(*)	.....	3.4	7.9	2.3	1.9	10.1	T.	.....	.....
Pokegama Falls	2.8	.....	2.9	8.8	3.2	5.5	17.4	3.0	0.2	.....
Reeds Landing	.....	.....	0.2	4.9	6.2	13.0	7.7	.....	.....	.....

Monthly and seasonal showfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Minnesota—Continued.										
St. Paul			0.7	9.9	4.1	9.1	10.4	4.5		
Sandy Lake Dam	(*)		1.8	8.9	4.3	3.2	10.4			
Virginia	3.5		2.0	6.6	3.4	5.0	15.2	T.		
Winnibigoshish		T.	3.8	14.1	4.0	8.0	20.0	3.2		
Mississippi.										
Aberdeen			T.							T.
Agricultural College			1.0							1.0
Anguilla			T.							T.
Austin			T.			0.3				0.3
Batesville			T.							T.
Bay St. Louis										0.0
Bay Springs			(*)	(*)	(*)					
Big Creek			T.	0.1	(*)		(*)			
Biloxi										0.0
Booneville			T.				T.			T.
Brookhaven			T.							T.
Canton			T.							T.
Charleston			T.			0.5				0.5
Clarksdale			T.	T.		0.5				0.5
Cleveland			T.	T.		0.4				0.4
Coffeeville										0.0
Collins			(*)							
Columbia			T.							T.
Columbus			T.							T.
Corinth			T.	T.		T.	T.			T.
Crenshaw			T.							T.
Crystal Springs			T.							T.
Duck Hill			T.			T.				T.
Edinburg			T.							T.
Edwards			2.0							2.0
Enterprise			T.							T.
Fayette			0.5							0.5
Fulton			T.	T.			T.			T.
Greenville			T.			T.				T.
Greenwood			T.			0.3				0.3
Grenada			(*)	(*)	(*)	(*)	(*)			
Hattiesburg			T.							T.
Hazlehurst			T.							T.
Hernando			T.							T.
Hickory										0.0
Hickory Flat			(*)							
Holly Springs			T.	T.	T.	T.	T.			T.
Jackson			T.							T.
Kosciusko			T.							T.
Lake			T.							T.
Laurel			T.	T.						T.
Leakesville										0.0
Louisville			1.0							1.0
McNeill										0.0
Macon			T.							T.
Magnolia			T.	T.						T.
Malone			T.							T.
Meridian			T.							T.
Merrill										0.0
Monticello			T.							T.
Natchez			T.							T.
Okolona			T.							T.
Pascagoula										0.0
Pearlington										0.0
Pontotoc			1.0							1.0
Porterville			T.							T.
Port Gibson			T.							T.
Rosedale			T.	T.		T.				T.
Senatobia					(*)	(*)	(*)			
Shoccoe			1.0							1.0
Shubuta			T.							T.
Suffolk			T.							T.
Swan Lake			T.	T.		0.5				0.5

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Mississippi—Continued.										
Tchula			T.			T.				T.
Tupelo			T.	T.		T.	T.			T.
University			T.			0.5				0.5
Utica			1.0							1.0
Vicksburg			T.	T.						T.
Water Valley			T.	T.		T.	T.			T.
Waynesboro			T.							T.
Woodland			T.							T.
Woodville										0.0
Yazoo City			T.							T.
Missouri.										
Amoret		T.			T.	12.0	T.			12.0
Appleton City			T.		1.5	15.2	3.6			20.3
Arlington					4.5	6.5	11.5			22.5
Arthur					2.0	(*)	2.0			
Avalon			T.		4.0	7.5	4.0			15.5
Bagnell	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
Belle			T.		T.	8.0	1.2			9.2
Bethany		(*)	(*)	(*)	7.0	11.0	5.0			
Birchtree					3.0	4.0	1.0			8.0
Bolivar					1.0	9.5	8.0			18.5
Boonville					0.2	5.0	1.0			6.2
Brunswick			T.		5.0	5.0	3.7			13.7
Cape Girardeau	(*)	(*)	(*)	2.0	(*)	(*)	(*)			
Cardwell				0.3			T.			0.3
Caruthersville				6.0	T.	T.	T.			6.0
Cassville					0.2	6.5	5.7			12.4
Clinton					0.8	7.0	3.0			10.8
Columbia		0.3	0.1	T.	T.	8.9	2.2			11.5
Conception	(*)	(*)	(*)	(*)	(*)	(*)	2.0	T.		
Crocker					2.0	7.5	6.0			15.5
Dean					1.0	8.0	6.0			15.0
Doniphan				0.3		4.0	T.			4.3
Eldon			0.1	T.	0.9	9.6	4.4			15.0
Eldorado Springs					1.0	10.0	6.0			17.0
Fayette		0.5.	T.	T.	1.0	8.0	2.0			11.5
Fulton						8.0	4.0			12.0
Gano				T.	1.0	9.5	8.0			18.5
Glasgow					8.0	5.0	8.0			21.0
Goodland					2.0	7.2	4.0			13.2
Gorin			T.		4.9	8.5	0.9	T.		14.3
Grant City		2.0		T.	6.0	5.5	2.0			15.5
Hannibal		T.	T.	T.	0.9	6.2	5.4			12.5
Harrisonville		T.	1.5		2.8	7.5	6.1			17.9
Hazelhurst		2.0			5.5	9.0	2.5			19.0
Hermann				T.	2.0	7.0	7.0			16.0
Hollister					2.0	1.0	5.0			8.0
Houston			T.	T.	2.0	11.0	7.0			20.0
Ironton			T.	T.	T.	5.5	8.0			13.5
Jackson			T.	3.0	4.0	9.0	1.2			17.2
Jefferson City				T.	2.2	9.0	9.2			20.4
Joplin			T.	T.	1.0	10.5	5.0			16.5
Kansas City		1.0			4.1	8.3	4.2			17.6
Kidder		2.5			6.0	12.5	2.0			23.0
Koshkonong				3.0	T.	8.0	T.			11.0
Lamar		T.	T.		1.0	9.0	7.5			17.5
Lamonte		T.	T.		2.0	T.	T.			2.0
Lebanon					T.	16.0	8.0			24.0
Lexington			(*)		3.0	5.0	9.0			
Liberty		1.5	T.		2.6	15.0	6.0			25.1
Lockwood	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
Louisiana			T.	T.	1.6	10.6	6.8	T.		19.0
Macon	(*)	(*)	(*)	(*)	2.5	3.5	T.			
Marble Hill				0.2		5.0				5.2
Marshall		T.	0.2	T.	3.0	7.0	1.5			11.7
Maryville			T.	1.0	6.0	11.5	6.5			25.0
Mexico		T.	T.	0.1	2.4	7.6	5.0			15.1
Mountaingrove					0.5	6.5	6.5	T.		13.5

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Missouri—Continued.										
Mount Vernon			T.		1.0	9.3	15.0			25.3
Neosho					1.2	10.0	12.0			23.2
Nevada		T.			T.	10.0	5.5			15.5
New Madrid				4.5						4.5
Oakfield				0.3	1.0	7.5	8.5			17.3
Olden						(*)	(*)	(*)		
Oregon		1.5	T.	0.5	6.2	14.5	4.6	T.		[illegible].3
Osceola	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
Palmyra			T.	T.	5.0	3.8	4.2			[illegible]0
Pattonsburg	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
Rolla				T.	2.0	10.2	7.2			[illegible]4
Springfield			T.	T.	0.8	9.7	7.7			[illegible].2
St. Charles					T.	9.0	5.5			14.5
St. Joseph		T.	T.	T.	6.0	12.7	2.4	T.		21.1
St. Louis (1)	T.		T.	0.1	T.	7.6	8.6			16.3
St. Louis (2)			T.	0.1	0.1	9.5	10.9			20.6
Steffenville			T.	T.	2.3	7.2	3.0			12.5
Sublett			0.1		7.0	12.0	4.0			[illegible]
Tarkio		T.		0.5	10.0	18.0	5.7			[illegible]
Trenton		2.5	T.	T.	5.0	11.3	3.0	T.		21.8
Unionville			0.5	0.5	10.7	17.0	11.0			39.7
Vandalia			T.		1.0	16.0	2.5			19.5
Warrensburg		T.	1.6		1.5	8.5	1.7			13.3
Warrenton			T.	0.2		7.0	10.0			17.2
Warsaw			T.	T.	3.0	12.0	4.0			19.0
Wheatland		1.0			1.7	12.0	6.0			20.7
Montana.										
Adel	4.5	17.5	1.0	12.0	25.5	16.0	6.5	9.0	5.0	97.0
Agricultural College	4.0	16.1	8.0	13.0	13.7	9.5	10.4	12.2	2.0	88.9
Anaconda	0.2	5.2	3.6	10.1	17.2	7.8	10.2	9.5	4.0	67.8
Augusta		10.0	(*)	4.0	18.0	T.	2.0	10.0	8.0	
Babb	5.3	9.5	(*)	(*)	14.3	11.8	13.1		(*)	
Bald Butte	10.4	26.5	14.0	27.9	63.1	20.2	27.1	12.6	16.6	218.4
Bigtimber	T.	4.0	0.5	1.5	2.0	5.0	14.0	7.0	4.0	38.0
Bigtimber Creek	1.0	28.1	3.4	6.9	(*)	(*)	(*)	(*)	(*)	
Billings	(*)	(*)	(*)	(*)	(*)	(*)	7.5	1.0	(*)	
Birch Creek	3.0	2.0	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Blackleaf	2.5	6.0	1.2	6.7	2.0	10.5	8.5	5.5	4.0	46.9
Boulder Nursery	0.4	16.5	0.5	6.3	8.8	6.0	7.4	5.0		50.9
Bowen		2.1	2.5	11.1	(*)	4.1	2.0			
Bridger	T.	2.5	T.	T.	16.0	T.	1.0	T.		19.5
Broadview	T.	6.0	2.2	0.8	6.7	1.5	12.0	3.0	2.0	34.2
Browning	3.0	6.5	3.3	9.0	3.0	11.0	11.5	5.0	3.0	55.3
Busby	11.0	16.8	2.0	0.5	17.0	4.3	19.5	5.0	2.0	78.1
Busteed	3.0	15.5	1.0	0.7	12.3	4.0	16.4	3.0	4.0	59.9
Butte	T.	2.5	3.0	5.3	3.2	1.4	9.0	12.0	2.0	38.4
Cabin Creek	4.5	21.5	4.5	8.0	(*)	(*)	(*)	(*)	(*)	
Canyon Ferry				1.0	3.0	4.0	4.5	5.0		17.5
Cascade	T.	8.5		5.2	12.9	7.4	10.4	10.5	6.0	60.9
Chessman Reservoir	2.0	37.5	12.5	15.9	31.0	21.9	18.6	14.6	14.5	168.5
Chester		5.0		5.0	1.8	2.0	6.0	0.5		20.3
Chinook		(*)	(*)	0.1	6.8	0.1	3.9			
Clear Creek	(*)	(*)	(*)	3.3	25.5	1.0	9.0	1.5	(*)	
Clemons	0.5	10.5	T.	6.7	(*)	(*)	(*)	(*)	(*)	
Clydepark	1.0	15.0	5.0	12.8	4.5	5.0	13.5	14.0	7.0	77.8
Columbia Falls		4.2	2.2	15.4	38.2	5.5	22.5	0.3		88.3
Como		1.5	1.5	12.5	16.5	13.0	4.1	5.0	2.0	56.1
Conrad	1.0	0.5	T.	5.0	12.8	1.3	3.3	(*)		
Copper	6.0	15.0	6.0	3.0	10.0	2.0	20.5	10.0	5.0	77.5
Crow Agency	3.5	4.2	1.5	0.5	10.5	2.2	9.5	2.0		33.9
Culbertson		T.	2.0	3.5	5.5	1.0	11.5		10.0	33.5
Cut Bank	(*)	(*)		(*)	9.0	3.0	T.			
Dayton		(*)	(*)	2.8	14.0	9.5	5.5			
Deer Lodge		(*)	1.1	6.5	7.5	6.0	2.3	6.5	2.5	
Denton	1.0	7.1	1.5	2.5	24.7	5.9	5.9	9.5	2.0	60.1
Dillon	T.	10.4	2.0	7.2	6.1	7.0	21.8	9.5	T.	64.0
Dry Creek		24.0	12.0	15.0	(*)	(*)	(*)	(*)	(*)	

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Montana—Continued.										
Dry Wolf Camp	9.6	19.2	2.0	25.4	37.0	10.5	6.9	10.5	(*)	.....
Dunkirk	4.0	T.	T.	T.	5.9	1.6	2.5	4.0	.....	18.0
East Anaconda	T.	6.0	4.6	6.1	9.9	4.8	8.4	9.2	4.0	53.0
East Gallatin River	1.0	29.0	3.0	15.0	(*)	(*)	(*)	(*)	(*)	.....
Ekalaka	.....	4.1	.....	T.	2.0	0.2	4.0	1.0	1.4	12.7
Elk[illegible]	5.9	13.6	8.0	10.9	(*)	(*)	(*)	(*)	(*)	.....
Falls[illegible]	.....	T.	.....	0.3	1.5	T.	11.4	.....	.....	13.2
Fi[illegible]	8.5	7.6	8.1	5.9	15.9	5.9	26.4	17.5	5.1	100.9
Fis[illegible]	10.5	43.6	7.0	19.9	24.8	(*)	(*)	(*)	(*)	.....
Flath[illegible] Creek	3.0	7.0	2.4	5.0	6.6	3.9	6.1	2.0	6.7	42.7
Forsy[illegible]	T.	T.	0.2	T.	11.0	0.9	12.8	.....	.....	24.9
Fort Benton	.....	T.	T.	T.	13.0	4.0	12.0	3.0	(*)	.....
Fortine	.....	0.2	0.2	13.5	28.2	6.5	14.9	.....	.....	63.5
Fort Shaw	T.	6.4	T.	.....	19.0	1.5	2.5	6.0	3.0	38.4
Foster	T.	T.	1.0	T.	3.7	0.9	3.2	1.0	.....	9.8
Garneill	14.0	12.0	2.0	7.5	34.0	21.0	34.0	10.0	17.6	152.1
Glasgow	.....	T.	1.0	2.0	2.5	0.5	9.3	.....	.....	15.3
Gl[illegible]ive	.....	4.0	0.8	0.2	4.7	T.	10.5	2.5	T.	22.7
Gold Butte	2.0	0.2	0.5	3.0	11.0	4.0	6.0	1.0	2.0	29.7
Graham	1.7	1.1	T.	1.1	12.4	4.5	24.3	3.0	T.	48.1
Grayling	T.	7.0	5.0	5.5	87.0	15.0	41.5	12.8	T.	173.8
Great Falls	T.	0.4	0.2	1.9	24.0	2.5	6.1	18.9	7.5	61.5
Half Way House	T.	9.8	7.8	7.1	(*)	(*)	(*)	(*)	(*)	.....
Hamilton	.....	0.5	0.5	2.8	3.5	9.4	3.2	2.4	2.0	24.3
Harlowton	T.	0.1	.....	T.	1.8	3.6	0.6	1.2	0.3	7.6
Hat Creek	5.9	27.3	19.1	23.9	20.8	10.2	18.5	11.2	14.1	151.0
Haugan	.....	1.5	5.2	59.4	110.7	4.7	11.9	0.6	0.5	194.5
Havre	2.2	2.2	0.9	1.3	14.2	0.6	6.5	7.0	T.	34.9
Helena	T.	5.5	T.	3.8	13.5	6.7	7.0	14.8	4.3	55.6
Heron	.....	(*)	1.5	27.5	70.0	0.5	3.5	.....	.....	.....
Highwood	0.3	11.2	1.9	11.9	28.6	21.4	14.1	6.3	5.4	101.1
Huntley	.....	16.9	.....	.....	7.7	2.0	21.2	.....	.....	47.8
Jones Canyon	14.0	34.5	7.5	5.5	(*)	(*)	(*)	(*)	(*)	.....
Jordan	.....	4.0	.....	(*)	10.0	3.0	6.0	2.0	.....	.....
Kalispell	.....	0.8	1.2	4.0	22.7	4.2	14.0	1.0	T.	47.9
Knobles Ranch	4.0	7.5	1.2	4.4	13.9	13.0	16.3	12.0	1.5	73.8
Lewistown	T.	14.0	1.7	8.8	30.5	13.3	10.0	3.5	2.0	83.8
Libby	.....	2.0	1.0	17.1	30.1	1.6	8.8	.....	.....	60.6
Lonetree	.....	T.	1.5	5.0	24.0	3.0	5.0	6.0	8.8	53.3
Lost Creek	1.0	9.0	10.0	12.8	(*)	(*)	(*)	(*)	(*)	.....
Lothair	3.0	2.0	.....	3.0	8.0	T.	4.0	5.0	T.	25.0
Lytle	2.0	4.2	0.5	1.4	9.1	1.7	6.8	8.9	0.5	35.1
Malta	.....	T.	0.8	T.	7.0	1.0	7.0	.....	.....	15.8
Medicine Lake	.....	T.	4.0	2.2	6.0	T.	12.0	.....	1.2	25.4
Melstone	(*)	(*)	(*)	(*)	(*)	(*)	12.9	1.5	.....	.....
Mildred	T.	5.0	T.	T.	0.3	0.3	19.0	T.	T.	24.6
Miles City	T.	0.7	T.	1.0	18.5	2.3	15.1	1.2	T.	38.8
Missoula	.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.....
Norris	1.0	15.1	4.0	7.0	3.2	4.8	9.5	4.5	.....	49.1
Nye	15.8	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.....
Olsen Creek	.....	2.1	0.8	17.9	14.0	1.2	9.7	5.5	0.8	52.0
Ophir	T.	19.5	6.5	18.0	75.0	(*)	(*)	(*)	(*)	.....
Ovando	2.0	6.7	7.9	29.7	82.0	10.5	31.0	11.2	.....	181.0
Phillipsburg	T.	5.0	7.0	5.0	4.5	5.0	9.0	7.9	2.0	45.4
Pinegrove	3.0	8.0	(*)	12.0	38.0	8.0	14.0	1.7	17.0	.....
Pipestone Pass	3.0	31.0	8.0	20.5	16.1	21.0	18.0	15.3	1.0	133.9
Plains	.....	T.	T.	6.7	30.5	1.0	6.5	0.2	.....	44.9
Pleasant Valley	.....	6.8	4.0	22.9	46.1	5.7	21.9	T.	0.5	107.9
Plevna	.....	7.7	.....	3.4	6.0	1.3	16.2	0.7	.....	35.3
Polson	.....	T.	1.0	7.0	20.0	.....	21.0	.....	.....	49.0
Poplar	.....	T.	2.0	T.	2.0	T.	10.0	.....	1.0	15.0
Red Lodge	12.0	21.7	2.0	10.0	22.1	14.5	19.0	7.5	2.0	110.8
Renova	T.	2.0	T.	1.7	2.5	0.7	6.7	5.5	T.	19.1
Ryegate	.....	7.0	(*)	T.	12.0	2.0	17.5	(*)	(*)	.....
St. Ignatius	.....	1.0	1.5	2.6	12.5	3.2	12.0	3.0	3.0	38.8
Saltese	.....	8.0	8.0	96.0	(*)	8.0	21.0	.....	.....	.....
Savage	.....	3.0	.....	T.	2.0	1.0	8.5	1.5	4.0	20.0
Shelby	T.	(*)	(*)	(*)	3.5	0.5	1.0	5.0	.....	.....
Sidney	.....	4.0	2.0	0.8	1.5	T.	9.0	0.1	.....	17.4

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Montana—Continued.										
Springbrook	1.0	8.0	2.0	0.8	10.5	1.2	22.5	6.0	T.	52.0
Stearns	1.5	17.4	T.	11.5	(*)	(*)	(*)	(*)	(*)	.....
Stevensville	.....	T.	T.	0.1	16.7	5.8	2.1	5.5	T.	30.2
Sunlit Farm	T.	2.0	3.8	2.6	7.5	T.	5.9	6.0	.....	27.8
Sun River Canyon	0.2	4.0	0.8	3.8	25.0	2.0	7.5	5.5	(*)	.....
Thompson Falls	.....	.....	0.2	18.4	49.0	0.5	13.2	T.	.....	81.3
Three Forks	(*)	(*)	(*)	(*)	2.6	8.8	5.5	6.0	.....	.....
Trail Creek	11.4	2.4	9.8	17.4	(*)	(*)	(*)	(*)	(*)	.....
Trout Creek	(*)	(*)	5.6	33.6	(*)	(*)	19.4	T.	T.	.....
Utica	T.	9.0	2.0	4.8	17.1	6.5	6.0	16.5	3.5	65.4
Valentine	.....	2.5	T.	T.	31.7	0.2	6.0	.....	.....	40.4
Valier	.....	3.0	.....	5.5	8.0	2.0	6.5	3.0	0.8	28.8
Virginia City	.....	8.0	6.2	5.8	(*)	(*)	(*)	(*)	(*)	.....
Victor	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.....
Wall Rock Mountain	0.1	9.4	3.9	19.7	8.3	(*)	8.4	.....	.....	.....
Warm Springs Creek	11.9	18.6	6.0	7.6	(*)	(*)	(*)	(*)	(*)	.....
Wheaton	.....	7.0	1.0	T.	19.5	2.0	20.0	3.0	.....	52.5
Whites Ranch	.....	5.0	(*)	0.2	1.6	(*)	(*)	(*)	T.	.....
White Sulphur Springs	3.0	12.0	5.0	T.	8.5	3.5	20.0	7.0	7.0	66.0
Wilder	.....	T.	T.	T.	19.0	1.0	13.0	T.	T.	33.0
Willow Glen Stock Farm	(*)	(*)	(*)	2.0	(*)	(*)	7.0	6.0	(*)	.....
Wolf Creek	.....	4.6	T.	0.6	4.5	3.6	1.7	.....	.....	15.0
Woodville	0.5	15.4	5.9	7.0	(*)	(*)	(*)	(*)	(*)	.....
Nebraska.										
Ainsworth	T.	T.	.....	3.5	5.3	12.0	14.0	14.5	.....	49.3
Alliance	T.	4.0	2.0	0.5	1.0	6.5	10.0	7.0	T.	31.0
Alma	.....	1.5	T.	0.5	2.0	8.5	6.0	6.0	.....	24.5
Arcadia	.....	T.	.....	4.0	3.0	11.0	11.0	10.0	.....	39.0
Arden	.....	.....	.....	5.0	2.0	9.0	9.0	13.0	.....	38.0
Ashland	.....	T.	.....	0.5	7.0	10.0	6.5	.....	.....	24.0
Atkinson	.....	.....	.....	3.0	2.0	10.5	12.0	.....	.....	27.5
Auburn	.....	1.0	T.	0.5	6.0	12.0	7.0	T.	.....	26.5
Beaver City	.....	4.0	.....	2.0	3.0	10.0	9.0	2.0	.....	30.0
Bellevue	.....	T.	.....	0.4	8.0	7.0	3.5	.....	.....	18.9
Blair	.....	.....	.....	0.5	12.2	8.0	5.5	2.0	.....	28.2
Bloomfield	T.	.....	.....	8.0	2.3	8.0	5.2	14.0	.....	37.5
Bradshaw	.....	T.	.....	0.7	5.2	7.0	8.0	2.7	.....	23.6
Bridgeport	.....	4.0	2.0	4.5	2.5	10.5	14.0	7.0	.....	44.5
Broken Bow	.....	3.2	.....	1.5	2.0	10.5	8.5	12.0	.....	37.7
Butte	T.	.....	.....	1.0	3.5	7.5	10.5	13.5	.....	36.0
Columbus	.....	.....	.....	T.	2.5	11.0	7.5	.....	.....	21.0
Crete	.....	.....	.....	.....	5.5	15.2	4.0	T.	.....	24.7
Culbertson	T.	.....	1.0	6.0	1.0	4.0	12.0	.....	.....	24.0
Curtis	.....	3.0	.....	1.4	0.6	11.3	21.1	26.0	.....	63.4
David City	.....	T.	.....	0.2	8.4	8.6	8.5	6.0	.....	31.7
Du Bois	.....	T.	T.	T.	7.5	18.7	8.0	T.	.....	34.2
Ewing	.....	.....	T.	3.0	1.0	6.0	7.5	10.0	.....	27.5
Exeter	.....	1.0	.....	2.0	4.0	10.5	10.0	T.	.....	27.5
Fairbury	.....	T.	T.	0.2	4.8	11.5	3.3	0.2	.....	20.0
Fairmont	.....	T.	0.2	0.8	5.2	10.0	6.0	2.0	.....	24.2
Fullerton	.....	T.	T.	T.	3.0	12.0	8.5	10.0	.....	33.5
Geneva	.....	T.	.....	1.0	6.1	13.0	9.0	1.5	.....	30.6
Genoa	T.	T.	.....	1.0	2.5	8.5	5.0	3.0	.....	20.0
Gordon	.....	.....	1.5	2.0	3.0	6.0	8.0	14.0	.....	34.5
Gosper	.....	1.5	0.5	2.0	2.0	8.0	3.5	.....	.....	17.5
Grant	T.	2.5	T.	3.0	0.7	8.0	7.5	11.5	.....	33.2
Greeley	.....	0.2	.....	3.4	3.9	11.8	12.0	10.0	.....	41.3
Guide Rock	.....	T.	.....	.....	4.5	8.0	8.0	2.0	.....	22.5
Halsey	T.	1.5	.....	2.0	2.0	9.5	14.0	14.0	.....	43.0
Hartington	.....	.....	T.	4.0	0.7	14.0	3.8	21.8	.....	44.3
Hastings	.....	0.2	2.8	.....	4.5	8.8	14.5	3.0	.....	33.8
Hayes Center	0.2	2.0	2.0	10.0	6.5	17.5	14.5	8.5	.....	61.2
Hay Springs	.....	4.0	5.0	2.0	4.5	6.0	14.5	12.0	T.	48.0
Hebron	.....	T.	.....	T.	4.0	13.0	4.0	T.	.....	21.0
Hendley	.....	5.0	1.0	3.0	4.0	8.0	10.0	.....	.....	31.0
Hillside	T.	3.0	0.1	0.8	3.3	13.4	16.2	14.3	0.2	51.3
Holdrege	.....	1.0	6.0	0.2	2.5	13.0	12.0	4.0	.....	38.7
Hull (near)	7.0	7.0	4.0	5.0	2.0	14.0	3.0	.....	T.	42.0

Monthly and seasonal showfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Nebraska—Continued.										
Imperial	1.5	2.2	1.0	4.5	1.5	15.5	16.0	10.5	.....	52.7
Kimball	T.	2.0	2.5	3.5	2.0	7.0	11.0	5.5	.....	33.5
Kirkwood	.....	.....	.....	2.0	3.0	7.5	15.5	4.0	.....	32.0
Lincoln	.....	T.	T.	0.1	4.5	7.1	3.6	0.4	.....	15.7
Lodgepole	T.	3.0	3.0	3.0	1.0	13.0	14.0	11.0	.....	48.0
McCool Junction	.....	T.	.....	T.	6.0	12.0	7.0	.....	.....	25.0
Madison	.....	.....	T.	3.0	4.0	10.0	8.5	10.0	.....	35.5
Marquette	.....	0.8	1.0	1.5	2.0	6.5	5.8	6.0	.....	23.6
Mary	.....	1.5	.....	3.5	1.0	8.5	13.0	6.5	.....	34.0
Minden	.....	2.0	3.0	1.1	3.1	13.0	14.4	5.0	.....	41.6
Mitchell	0.2	2.0	1.0	0.5	0.7	6.2	6.5	0.3	.....	17.4
Nebraska City	.....	1.0	.....	T.	7.5	11.0	9.0	T.	.....	28.5
Nelson	.....	.....	.....	T.	3.0	5.0	3.0	.....	.....	11.0
Norfolk	.....	.....	.....	2.0	2.5	5.5	6.7	8.0	.....	24.7
North Loup	.....	T.	.....	2.0	1.7	7.8	8.0	10.8	.....	30.3
North Platte	.....	3.4	.....	2.0	1.6	10.7	10.5	12.0	.....	40.2
Oakdale	.....	.....	.....	4.0	2.0	8.0	5.2	12.0	.....	31.2
Omaha	.....	T.	.....	0.4	7.7	7.3	4.8	T.	.....	20.2
O'Neill	.....	.....	.....	4.0	1.0	4.5	8.0	9.5	.....	27.0
Palisade	T.	3.0	.....	4.0	2.0	11.0	5.0	.....	.....	25.0
Paxton	T.	1.4	T.	2.5	2.5	14.5	12.8	18.0	.....	51.7
Purdum	T.	2.6	.....	1.7	1.0	11.7	9.0	19.0	.....	45.0
Red Cloud	.....	0.5	.....	0.2	5.0	9.5	8.0	0.5	.....	23.7
St. Libory	.....	0.5	.....	2.5	6.0	8.5	7.0	7.0	.....	31.5
St. Paul	.....	T.	T.	1.3	1.0	4.0	3.1	2.0	.....	11.4
Santee	.....	.....	.....	2.2	0.8	4.2	3.5	4.9	.....	15.6
Schuyler	.....	.....	.....	0.5	4.9	5.6	3.5	6.0	.....	20.5
Scottsbluff	0.6	6.2	4.5	1.5	1.9	13.8	12.0	2.8	.....	43.3
Seward	.....	T.	T.	T.	5.0	12.0	14.0	.....	.....	31.0
Sidney	1.0	4.0	2.0	5.0	3.0	7.0	15.0	15.0	.....	52.0
Springfield	.....	.....	T.	T.	4.0	6.5	6.5	0.5	.....	17.5
Springview	T.	T.	.....	2.0	2.0	8.0	15.0	10.0	.....	37.0
Stanton	.....	.....	.....	1.0	5.0	7.0	12.0	9.0	.....	34.0
Superior	.....	.....	.....	.....	4.0	11.0	5.0	.....	.....	20.0
Syracuse	.....	T.	.....	T.	10.0	16.0	7.0	T.	.....	33.0
Table Rock	.....	1.0	.....	T.	6.5	14.5	6.0	T.	.....	28.0
Tekamah	.....	.....	.....	T.	7.0	10.5	1.0	3.0	.....	21.5
Valentine	T.	T.	T.	2.4	1.4	5.1	11.9	11.2	.....	32.0
Wahoo	.....	.....	.....	.....	8.0	12.0	7.0	5.5	.....	32.5
Wakefield	.....	.....	.....	2.0	2.9	6.9	6.9	16.6	.....	35.3
Weeping Water	.....	T.	T.	0.5	5.2	8.3	6.8	T.	.....	20.8
York	.....	0.1	T.	1.0	6.5	9.0	7.0	6.5	.....	30.1
Nevada.										
Arthur	.....	16.0	10.0	8.0	24.0	12.0	20.0	(*)	.....	.....
Austin	4.0	12.5	4.0	6.0	9.5	1.5	9.7	5.5	(*)	.....
Battle Mountain	.....	3.0	0.2	3.0	(*)	0.5	0.5	.....	.....	.....
Beowawe	T.	T.	T.	5.5	9.0	5.0	8.5	.....	.....	28.0
Caliente	.....	.....	.....	1.5	1.0	13.5	3.0	.....	.....	19.0
Carlin	.....	2.0	T.	10.0	(*)	T.	.....	.....	.....	.....
Cherry Creek	.....	5.8	3.8	5.8	4.5	19.2	7.9	5.0	0.5	52.5
Clover Valley	.....	3.0	.....	.....	12.0	7.0	T.	.....	.....	22.0
Columbia	.....	9.0	3.0	1.0	4.2	10.0	6.0	1.0	.....	34.2
Elko	T.	2.0	T.	3.2	11.0	3.0	8.2	T.	.....	27.4
Eureka	2.5	29.0	13.5	11.5	20.0	18.0	13.2	7.5	1.0	90.1
Fallon	.....	1.0	.....	T.	1.5	2.7	T.	.....	.....	5.2
Fernley	.....	.....	.....	T.	6.0	2.5	T.	.....	.....	8.5
Gardnerville	.....	(*)	.....	.....	14.0	3.2	1.0	.....	.....	.....
Gerlach	.....	T.	.....	2.0	0.6	.....	0.1	0.3	.....	3.0
Glenbrook	6.8	.....	5.0	12.0	61.5	12.0	5.0	13.0	(*)	.....
Golconda	.....	T.	.....	2.0	7.0	2.0	1.5	T.	.....	12.5
Halleck	.....	4.2	.....	T.	8.5	3.5	10.9	2.5	(*)	.....
Hylton	.....	9.0	(*)	8.0	12.0	5.0	6.0	T.	.....	.....
Jean	.....	.....	.....	.....	3.0	1.5	(*)	.....	.....	.....
Lahontan	.....	.....	.....	T.	2.0	1.0	.....	.....	.....	3.0
Lewers Ranch	.....	.....	2.0	4.0	34.0	9.0	6.0	T.	.....	55.0
Lida	T.	.....	2.5	.....	0.9	12.0	6.0	.....	.....	21.4
Logan	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
McGill	T.	1.9	T.	1.0	6.9	7.0	2.5	T.	0.2	19.5

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Nevada—Continued.										
Mill City				0.2	4.8	1.0	0.8	(*)		
Millett		6.0			1.0	10.0	T.	(*)		
Mina		2.0	(*)		0.2	3.5	T.	0.7		
North Fork	1.0	5.2	1.1	9.8	13.5	3.3	4.1			38.0
Oasis Ranch		1.0		T.	7.0	7.0	6.0			21.0
Potts		9.5	4.0		4.0	9.5	6.0			33.0
Quinn River Ranch					6.5	(*)				
Rebel Creek	T.	1.5	T.	2.5	17.0	0.9	3.5	1.0		26.4
Reno		T.	T.	0.6	19.9	5.6	0.8	T.	T.	26.9
San Jacinto		(*)	0.6	1.0	2.5	1.1	0.4	0.1		
Smith		4.5			8.5	4.0	8.5			25.5
Spooners Ranch	21.5	10.5	4.5	14.0	42.0	12.0	11.0	7.5	4.0	127.0
Tecoma		T.	(*)	T.	3.9	1.3	12.5			
Tonopah		10.0	1.0	T.	1.2	7.1	4.0	4.2		27.5
Wells		8.0			13.0	9.0	5.0	0.5		35.5
Willow Point					11.0	1.0		(*)	(*)	
Winnemucca		0.5	0.3	2.0	7.0	1.9	1.0	0.4	0.2	13.3
New Hampshire.										
Bethlehem		T.	5.5	10.0	5.5	9.5	4.5	4.5	T.	39.5
Brookline			0.2	5.0	4.5	11.2	8.2	2.0		31.1
Concord			T.	6.7	4.5	10.1	7.0	1.0	T.	29.3
Grafton			3.0	11.0	9.0	11.0	5.0	T.	T.	39.0
New Jersey.										
Asbury Park	(*)	(*)	(*)	(*)	(*)	(*)	T.	T.		
Atlantic City			4.0	4.7	0.1	0.9	T.	T.		9.7
Bayonne			0.5	12.0	1.5	4.0	T.	T.		18.0
Belvidere				13.5	1.0	3.0				17.5
Bergen Point			1.0	14.0	1.3	2.0	T.	T.		18.3
Boonton				10.4	2.0	2.0	T.	T.		14.4
Bridgeton			2.0	6.0		4.0		T.		12.0
Burlington			1.1	9.5	T.	2.5		T.		13.1
Cape May City			4.5	4.8		0.8		T.		10.1
Charlotteburg			T.	14.0	(*)	(*)	T.			
Chatham			1.0	14.0	2.0	5.0				22.0
Clayton			3.0	10.0	T.	3.0		T.		16.0
Culvers Lake			T.	10.3	2.0	7.9	1.6	0.2		22.0
Dover				15.5	1.5	4.0	T.	T.		21.0
Elizabeth			1.0	15.0	2.0	4.0	T.	T.		22.0
Flemington			T.	10.0	1.0	4.0	T.	T.		15.0
Haddonfield			1.5	12.0	T.	2.5	T.	T.		16.0
Hammonton			2.5	14.0		2.1	T.	T.		18.0
Hightstown			1.0	8.0	(*)	(*)	(*)			
Highwood			1.3	17.0	0.5	4.4	T.	T.		23.2
Imlaystown			1.5	11.0	(*)	(*)	(*)	T.		
Indian Mills			2.5	12.5		3.2	T.	T.		18.2
Jersey City			1.0	11.6	0.8	3.5	0.1	T.		17.0
Lakewood			1.8	10.6	T.	2.2		T.		14.6
Lambertville			0.5	12.0	1.0	2.0				15.5
Layton				(*)	0.5	5.0				
Little Falls			0.2	15.3	2.6	3.4				21.5
Long Branch			1.5	11.2	T.	2.4	T.	T.		15.1
Mahwah				(*)	2.5	8.5				
Moorestown			1.5	11.0	T.	2.0		T.		14.5
Newark			1.0	14.0	2.1	5.1	0.2	0.2		22.6
New Brunswick			1.0	12.0	1.0	1.5	T.	T.		15.5
Newton			T.	9.0	1.0	4.2	T.	T.		14.2
Northfield			4.0	7.0		1.5				12.5
Paterson			0.3	18.0	1.6	4.4	0.3	T.		24.6
Phillipsburg			T.	12.2	0.4	3.4	0.4	T.		16.4
Plainfield			0.6	14.2	1.4	3.7	T.	T.		19.9
Pleasantville			4.0	4.0		1.4				9.4
Pompton Plains			T.	16.0	2.0	6.5				24.5
Somerville			0.3	11.4	1.0	3.8	T.	T.		16.5
South Orange			0.5	14.0	1.0	5.2	T.	T.		20.7
Sussex				7.0	1.0	6.5	1.0			15.5
Trenton			1.0	8.0	T.	1.2	T.	T.		10.2

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New Jersey—Continued.										
Tuckerton			4.0	7.5		2.7	T.	T.		14.2
Vineland			3.0	8.0		3.0		T.		14.0
Woodbine			3.0	4.2		(*)		T.		
New Mexico.										
Abbott		T.		2.0	0.8	6.0	2.0	2.0		12.8
Agricultural College				3.5	5.0					8.5
Alamogordo				5.0	7.8	(*)				
Alamogordo (near)				3.2	8.2	3.5				14.9
Alamos Ranch				8.0	18.0	(*)	10.5	1.0		
Albert		T.		1.0	(*)	7.0	0.3	0.2		
Albuquerque				T.	8.8	2.9	T.			11.7
Alma				10.5	8.0	T.	T.			18.5
Ancho			0.8	3.5	12.0	1.0	T.			17.3
Anchor Mine		17.8	22.7	14.0	33.5	70.0	67.0	26.0		251.0
Aragon		T.	1.0	8.0	9.5	26.0				44.5
Artesia				9.0	2.0	4.0				15.0
Aspen Grove Ranch		4.2	5.3	10.3	20.7	38.4	32.1	7.6		118.6
Aurora		3.0	1.6	7.5	5.5	23.0	13.0	11.0		64.6
Aztec		T.		4.5	1.5	18.5	12.0			36.5
Batemans Ranch		2.7	16.5	7.9	17.1	29.2	23.6	8.7		105.7
Bell Ranch		T.		3.0	5.0	3.5	1.0	7.0		19.5
Bergers Ranch		T.	1.0	7.5	18.5	57.0	33.0	2.0		119.0
Berino				4.0	(*)					
Black Lake		2.0	3.9	6.4	3.6	16.3	5.7	4.1		42.0
Blackrock		0.2	1.6	0.4	4.2	4.5	7.0			17.7
Bloomfield		0.5	0.4	4.0	1.8	11.9	6.0	0.1		24.7
Bluewater		T.	T.	2.0	2.0	11.0	T.			15.0
Boaz				7.0	4.0	6.0				17.0
Cabeza		T.		2.0	3.0	3.0	1.0	8.0		17.0
Cambray				3.5	4.5	3.0				11.0
Campana		T.		5.2	4.0	6.0	1.0	4.0		20.2
Capitan			4.5	14.0	26.0	14.5	9.0			68.0
Carlsbad				3.0	1.5	1.0				5.5
Carrizozo			T.	4.5	13.0	0.8				18.3
Cerrillos (near)				1.5	17.2	14.0	3.0	4.0		39.7
Chacon		2.5		5.8	5.5	7.2	5.8	3.5		30.3
Chama		3.5	2.0	4.5	23.0	61.0	35.0	6.0		135.0
Cimarron (near)		0.5		2.5	5.0	26.0	8.5	4.5		47.0
Cliff				15.0	11.5	T.				26.5
Cloudcroft		1.5	8.0	8.0	16.0	38.0	17.0	2.0		90.5
Clovis				(*)	3.5	11.5				
Columbus				4.0	5.0	(*)				
Corona			1.0	11.0	28.0	7.0	9.0			56.0
Coyote			T.	3.5	(*)	(*)				
Cuervo		T.		5.0	7.0	4.0	1.0			17.0
Cundiyo				12.0	10.0	6.0				28.0
Dawson		1.0		2.6	4.2	26.5	4.5	2.0		40.8
Deming				4.0	2.0	(*)				
Demonstration Farm		0.1		2.5	4.0	8.0	(*)			
Dulce		2.5	7.0	(*)	9.0	44.5	15.0			
Duran			2.0	8.0	12.0	6.0	2.5			30.5
Elizabethtown		6.0	3.0	1.2	8.5	17.0	15.5	4.5		55.7
Escondido				4.0	7.5	1.0				12.5
Espanola				4.5	5.5	5.8	0.2			16.0
Estancia		T.		8.5	15.0	8.7	T.			32.2
Folsom	T.	0.5	4.0	1.5	4.0	8.0	9.5	7.5		35.0
Fort Bayard				11.0	13.2	11.6	1.2	T.		37.0
Fort Stanton		T.	2.5	2.0	14.5	3.0	5.5			27.5
Fort Sumner				4.5	3.0	4.0	0.2			11.7
Fort Union		1.0		2.5	4.0	6.0	6.5	T.		20.0
Fruitland				1.5	T.	7.2	3.3			12.0
Gage				8.0	6.0	(*)	(*)			
Gallinas			T.	7.2	15.0	5.0	5.5			32.7
Gallinas Planting Station		5.0	2.0	9.0	10.8	25.4	12.6	10.0	T.	74.8
Gila Planting Station				7.0	17.0	21.0	11.0			56.0
Glorieta Ranch			0.6	36.2	10.0	3.1		2.0		51.9
G. O. S. Ranch				14.0	18.3	22.8	8.0			63.1
Hachita				4.0	3.5	0.5	0.5			8.5

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New Mexico—Continued.										
Harveys Upper Ranch		5.5	3.5	10.0	10.0	38.8	17.8	19.7	T.	105.3
Hayden		0.5		3.5	5.0	10.0	2.5	3.0		24.5
Haynes			T.	2.2	1.7	10.0	5.6	0.9		20.4
Hermanes				4.0	4.0	1.0	0.8			9.8
Hondo Reservoir			T.	7.5	8.5	4.5				20.5
Hoosier Ranch				1.5	5.5	4.5		4.0		15.5
Jemez Springs		T.	T.	4.0	12.0	26.0	4.0	T.		46.0
Johnson Park	T.	T.	0.5	T.	1.0	10.5	(*)	3.5		
Johnsons Ranch				2.5	T.	4.5		2.0		9.0
Kappus				3.0	3.0	10.0	3.0			19.0
Knowles (near)				2.2	0.3	1.5				4.0
Laguna				8.0	8.0	15.5	(*)			
Lagunita				4.5	4.5	(*)	(*)	(*)	(*)	
Lake Alice		3.0	9.0	1.8	4.6	23.5	(*)	16.0		
Lake Valley			T.	10.8	12.0	6.0	T.			28.8
Lakewood (near)				2.5	0.2	3.0				5.7
Las Vegas		T.	T.	3.2	4.7	12.1	3.0	T.		23.0
Liston				8.0	3.0	7.0				18.0
Logan				4.0	2.8	6.0	2.0			14.8
Lordsburg				13.0	6.8	1.0	2.0			22.8
Los Lunas (near)				T.	6.8	1.5				8.3
Luna			4.5	12.5	7.5	27.5	7.5	(*)	T.	
Lykins (near)				7.0	3.0	4.0	1.0			15.0
Magdalena		T.	5.0	12.0	8.0	6.0	1.0		T.	32.0
Maxwell (near)				3.5	1.5	8.0	1.0			14.0
Melrose				5.0	5.0	4.0	2.0	T.		16.0
Mescalero			0.5	5.3	10.7	13.2				29.7
Miami Ranch				5.5	3.8	11.3	5.0			25.6
Mills (near)		T.		1.5	2.0	8.5		3.0		15.0
Mimbres				5.0	8.5					13.5
Mineral Hill			0.5	6.5	6.5	20.0	8.0	10.0		51.5
Monterey				2.0	6.0	4.0				12.0
Montoya				5.0	5.0	8.5	2.0	2.0		22.5
Mountainair		0.5	2.5	13.6	14.8	3.0	1.1	T.		35.5
Mountain Park			1.0	0.5	13.0	17.5	4.0			36.0
Nara Visa	(*)	(*)	(*)	(*)	4.5	7.0	2.0			
Newman				1.4	T.					1.4
Noria				1.0	2.0	T.				3.0
Orogrande				3.0	5.5	(*)				
Oscura (No. 1)				9.0	8.5	1.0				18.5
Oscura (No. 2)				9.4	8.1	(*)				
Otis				5.0	2.0	1.0				8.0
Otto		0.2	T.	2.0	17.0	5.0	(*)	(*)	(*)	
Palo Verde		0.5		2.8	5.0	8.5	0.2	7.5		24.5
Pasamonte		2.0		2.0	1.0	10.0	0.2			15.2
Pastura			0.5	5.0	8.0	2.2	T.	1.0		16.7
Pinos Altos (near)			T.	25.0	16.5	36.5	20.0	T.		98.0
Placitas (near)		3.0	1.0	19.5	24.0	25.0	10.0	(*)	(*)	
Plainview (near)				3.2	2.0	2.0		T.		7.2
Pleasant View		T.		2.0	0.5	5.0	1.0	2.0		10.5
Portales			(*)	5.5	2.0	12.0	(*)	(*)		
Pratt				10.0	7.5	T.	T.			17.5
Putnam		0.8		T.	(*)	6.0	T.	(*)		
Raton		0.5	T.	T.	1.0	23.5	6.5	5.0		5
Red River Canyon		10.0	9.0	5.0	28.0	53.0	44.0	12.0	T.	1.0
Redrock				9.5	5.8					5.3
Rincon				8.0	7.0	3.0				8.0
Rio Grande Dam				17.5	8.0	3.0				28.5
Rio Grande Industrial School					6.5	2.8	T.			9.3
Rociada		3.5	3.5	9.5	7.0	11.0	9.0	6.0		49.5
Rodeo				11.0	6.0	T.				17.0
Rosebud		T.		T.	2.7	0.7		T.	T.	3.4
Rosedale		T.	3.2	23.8	8.0	4.0				39.0
Roswell				11.8	7.0	5.5				24.3
Roy		T.		2.0	5.0	7.0	T.	7.0		21.0
Roy (near)		T.		1.5	5.0	4.0	0.8	7.5		18.8
St. Vrain (near)				8.0	3.0	5.5	1.0			17.5
San Jon		T.		5.5	5.0	3.0	1.5	T.		15.0
San Marcial				8.0	6.0	(*)				

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New Mexico—Continued.										
San Rafael				7.5	3.8	20.0	0.8			32.1
Santa Fe		0.3	0.2	9.8	8.7	14.0	6.6	3.9	T.	43.5
Santa Fe Canyon		T.	1.0	7.5	11.5	14.8	10.0	1.5		46.3
Santa Rosa (No. 1)				5.5	5.5	3.5	0.5	T.		15.0
Santa Rosa (No. 2)				7.5	8.0	5.0	1.0			21.5
Senorito (near)		T.	5.0	7.3	12.0	32.8	17.0	2.5	T.	76.6
Silver City				19.0	11.8	17.2	4.5			52.5
Socorro				(*)	6.0	(*)				
Solano (No. 1)		T.		4.0	5.0	8.0	0.5	5.0		22.5
Solano (No. 2)		1.0		3.0	5.0	6.7	0.5	4.5		20.7
Springer				3.0	3.0	7.8	1.0	1.0		15.8
Stanley		T.	T.	2.0	8.5	8.5	1.2	T.		20.2
Strauss				4.2	5.0	0.5				9.7
Tajique (near)		5.0	3.0	21.0	29.0	19.0	10.0	7.0		94.0
Taos		T.	T.	T.	7.0	15.6	6.6	7.0		36.2
Taos Canyon		1.5	5.2	5.5	10.5	35.2	27.2	13.5		98.6
Taylor		T.		2.1	2.5	4.0		T.		8.6
Tecolote			2.0	8.0	18.0	4.0	3.0			35.0
Texico (near)				6.0	2.0	6.0				14.0
Three Rivers				4.0	8.0	1.0	T.			13.0
Tijeras Canyon		1.0	1.0	3.5	23.0	18.0	5.5	0.9		52.9
Torrance			1.0	9.0	16.0	7.0	1.0			34.0
Trementina				6.0	6.0	4.0		6.0		22.0
Tres Piedras		T.	T.	2.0	15.0	(*)	16.2	T.		
Truchas		1.5	6.7	9.0	11.4	13.0	8.9	14.5		65.0
Tucumcari (No. 1)				1.0	4.0	10.0	2.0			17.0
Tucumcari (No. 2)				4.3	5.5	9.0	3.5	T.		22.3
Valley	T.	3.0	4.5	3.0	16.0	12.0	13.0	(*)	(*)	
Vance (near)		1.0		1.0	4.0	6.5	0.2	T.		12.7
Vaughn		T.	2.0	8.5	8.0	9.4	2.5	T.		30.4
Vermejo Park		5.0		1.0	6.0	26.0	10.5	11.0		59.5
Virsylvia		0.5	T.	3.0	6.5	13.8	10.2	8.0		42.0
Wagon Mound (near)		T.		3.0	2.0	5.5	2.5	5.0		18.0
Willard		0.6	1.2	4.8	13.8	3.9	T.			24.3
Winsors Ranch		7.0		10.0	15.5	44.5	46.0	5.5	T.	128.5
New York.										
Adams Center	T.	T.	24.0	29.0	23.5	34.0	20.0	2.0	T.	132.5
Addison			6.5	4.5	1.2	3.2	T.	T.		15.4
Albany			T.	5.5	T.	6.2	2.0	0.1		13.8
Allegany			8.1	12.7	6.2	(*)	4.8	1.5		
Amsterdam			5.0	7.0	T.	9.0	2.0	T.		23.0
Angelica			7.5	9.5	6.0	5.0	5.0	1.5		34.5
Appleton			1.8	0.3	T.	6.3	5.6	T.		14.0
Athens				2.5	0.5	5.5	2.0	T.		10.5
Auburn			7.0	10.0	11.0	12.0	13.0			53.0
Ballston Lake			3.2	6.9	0.5	7.2	2.3	0.2		20.3
Beerston			8.5	6.2	3.0	11.2	0.8	1.2		30.9
Binghamton			13.0	4.5	1.0	8.4	0.5	1.5		28.9
Bouckville			19.5	13.5	8.5	18.0	10.0	0.5	T.	70.0
Brockport			4.5	8.5	13.0	14.0	(*)	(*)		
Buffalo			4.4	5.2	7.0	20.5	13.5	12.3		62.9
[illegible]ton	T.		26.1	12.7	16.3	7.0	11.8	2.4	T.	76.3
C[illegible]rmel				5.5	1.0	9.5	0.5			16.5
Chatham			T.	6.0	T.	5.5	5.0	T.		16.5
C[illegible]iazy			5.0	1.0	12.5	7.8	7.0	3.0		36.3
Cooperstown			4.5	8.5	(*)	11.2	3.8	(*)		
C[illegible]land			11.0	6.4	3.5	10.9	4.2	2.0		38.0
C[illegible]hogue			4.0	15.0	T.	3.0	2.0	T.		24.0
[illegible]mora	T.	T.	9.5	5.9	10.0	9.0	16.4	4.5	T.	55.3
[illegible]uyter			21.0	9.4	5.9	10.3	6.7	1.2		54.5
[illegible]			3.0	17.0	16.0	(*)	13.0	T.		
[illegible]a			7.0	4.0	0.2	3.0	T.	T.	T.	14.2
[illegible]	T.		18.0	9.5	18.2	12.5	4.5	3.5		66.2
[illegible]etteville			11.0	6.5	4.0	8.0	7.5	T.		37.0
Gabriels	T.	T.	10.9	10.6	12.5	12.7	9.2	2.0		57.9
Glens Falls			1.5	4.5	8.0	6.8	7.5	1.0		29.3
Gloversville			6.0	11.0	4.5	14.0	4.5	0.5		40.5
Greenfield Center			(*)	5.0	(*)	(*)	(*)	(*)		

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New York—Continued.										
Greenwich			T.	7.5	2.2	7.0	1.5			18.2
Harkness			10.0	3.2	5.5	3.5	6.0	3.0		31.2
Haskinville			8.0	6.6	8.0	6.2	2.3	T.		31.1
Hemlock Lake	T.	T.	6.0	6.0	9.5	8.0	4.5	1.0		35.0
Hunt			2.0	4.0	12.0	3.0	4.0	2.0		27.0
Indian Lake			11.0	(*)	8.6	4.5	5.3	(*)		
Ithaca		T.	9.1	8.2	2.1	5.4	2.9	0.8		28.5
Jeffersonville			2.0	5.0	1.0	10.0	T.	T.		18.0
Keene Valley			9.0	7.8	11.8	7.5	2.5	6.5	(*)	
King Ferry		T.	6.9	4.7	2.5	8.5	6.4	2.0	T.	31.0
Lake George			1.6	3.4	6.9	8.9	5.7			26.5
Lake Placid Club	0.5	0.5	18.9	29.9	21.2	19.9	13.0	17.6	1.0	122.5
Lauterbrunnen			5.2	8.4	13.8	8.3	5.8	0.5		42.0
Little Falls			6.0	10.0	10.0	13.5	9.0	(*)	T.	
Lockport			4.0	4.5	7.0	5.0	12.5	T.		33.0
Lowville			20.0	19.2	21.5	43.5	(*)	1.0	T.	
Mohonk Lake			T.	4.0	1.0	9.0	2.0			16.0
Moira	T.		31.5	18.0	20.0	15.0	32.0	5.0		121.5
Morehouseville			10.8	24.5	12.5	(*)	13.5	14.0	(*)	
Mount Hope			2.0	16.0	(*)	1.5	T.			
Nehasane	T.	0.1	28.9	35.8	32.5	45.0	25.8	(*)	0.3	
Newark Valley			9.0	4.5	T.	8.0	0.5	T.		22.0
New Lisbon		T.	8.0	6.0	3.0	7.0	3.0	T.	T.	27.0
New York			0.8	11.8	0.3	2.4	0.1	T.		15.4
North Creek			5.5	3.0	10.0	7.0	9.0	(*)		
Ogdensburg	T.		11.0	2.4	20.1	10.9	12.8	1.0	T.	58.2
Old Forge			28.6	31.6	18.8	20.0	17.0	2.3		118.3
Oswego			4.2	14.2	7.2	23.5	14.4	T.		63.5
Oxford			19.2	11.5	5.6	17.0	4.5	(*)		
Palermo			14.5	18.1	9.7	16.0	(*)	(*)		
Perry City			12.6	2.3	1.3	7.5	3.9	2.8		30.4
Philadelphia			17.0	9.5	13.0	15.0	7.5	3.0	T.	65.0
Port Jervis			T.	6.0	14.5	8.5	T.	T.		29.0
Rochester			7.2	6.9	10.0	18.6	15.2	1.3		59.2
Romulus			5.0	6.2	4.0	8.0	8.5	T.		31.7
Salisbury			6.0	14.0	9.0	17.0	5.0	(*)		
Setauket			1.2	9.0	0.5	2.5	0.5	T.		13.7
Shortsville			5.0	4.5	4.7	9.1	1.5	T.		24.8
Southampton			3.5	15.0	T.	1.7	0.1	T.		20.3
Spier Falls			1.0	7.0	4.0	5.5	7.0	(*)		
Syracuse			8.6	7.9	7.7	23.1	11.0	0.4		58.7
Volusia	T.		21.0	15.0	10.0	13.0	11.0	T.		70.0
Wanakena	(*)	T.	28.3	27.0	33.2	(*)	16.5	7.0		
Wappingers Falls			T.	10.0	1.0	16.5	3.0	T.		30.5
Warwick			T.	8.0	2.0	9.0	(*)			
Waverly			7.2	7.0	0.5	4.5	0.4	1.1		20.7
Wedgwood			13.0	10.5	6.5	7.0	8.0	1.5	T.	46.5
West Berne			8.0	8.0	1.0	5.0	2.0			24.0
West Point			T.	5.5	1.2	9.2	1.5	T.		17.4
Windham			3.5	5.0	T.	6.5	1.0	T.		16.0
York			4.2	5.7	9.7	12.3	8.2	2.1		42.2
North Carolina.										
Albemarle			1.5			1.0				2.5
Altapass	(*)	(*)	(*)	3.3	(*)	(*)	T.	1.2		
Andrews			1.0	(*)	2.0					
Asheville			2.2	0.3	T.		T.	T.		2.5
Banners Elk			8.0	3.0	6.0		1.0	5.0		23.0
Beaufort			T.							T.
Belhaven			2.0		(*)	(*)	(*)			
Blantyre			4.0					0.4		4.4
Blowing Rock			4.5	5.0	2.5			3.0		15.0
Brevard			4.0	(*)	T.		(*)	(*)	(*)	
Brewers			2.0	6.9			T.			8.9
Bryson City			3.5		1.0					4.5
Caroleen			2.5	T.		T.				2.5
Chalybeate Springs			3.0		(*)	5.0				
Chapel Hill			2.0	(*)	(*)	5.0				
Charlotte			1.3	T.	T.	0.4				1.7

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
North Carolina—Continued.										
Chimney Rock			1.5	1.0						2.5
Cullowhee			4.0	T.	0.1		T.	T.		4.1
Durham			4.1	(*)		(*)	(*)			
Eagletown			2.0	T.	T.	3.0		T.		5.0
Edenton			2.0			1.0				3.0
Elizabethtown			2.5							2.5
Enfield			2.5			1.0				3.5
Fayetteville			1.0							1.0
Globe			1.0	3.0						4.0
Goldsboro			2.0			(*)	(*)			
Gorge			2.0	(*)	T.					
Graham			3.0	T.		3.0				6.0
Greenville			4.3			0.5				4.8
Hatteras			T.							T.
Henderson			7.5	T.		3.5				11.0
Hendersonville			3.0							3.0
Highlands			4.5					6.0		10.5
Hot Springs			8.0	T.	4.0		2.0			14.0
Jefferson			4.0	3.0	1.0	T.	T.	T.		8.0
Kings Mountain			1.2							1.2
Kingston			3.5			T.		T.		3.5
Lincolnton			2.0	(*)		T.				
Louisburg			3.0	T.	T.	5.0		T.		8.0
Lumberton			2.0							2.0
Marion			2.8	2.8	T.					5.6
Marshall			3.5		0.8		T.			4.3
Moncure			2.0			3.5				5.5
Monroe			3.0							3.0
Morganton			2.5	1.5						4.0
Mount Airy			2.0	2.0	T.					4.0
Mount Holly			1.0			0.8				1.8
Murphy			2.0		1.6					3.6
Nashville			6.5	T.	T.	3.1				9.6
Neuse			2.5			8.0				10.5
Newbern			T.							T.
North Wilkesboro			5.0	3.5						8.5
Parkersburg			2.5							2.5
Pittsboro			3.0			(*)				
Raleigh			3.1		T.	6.0				9.1
Ramseur			2.2			3.0		T.		5.2
Randleman			1.0			4.0				5.0
Reidsville			2.0	1.0						3.0
Rock House			3.5	T.	0.3		T.	2.0		5.8
Rockingham			2.0	(*)						
Rocky Mount			4.0							4.0
Salisbury			0.5							0.5
Scotland Neck			3.0			1.5				4.5
Settle			2.2	0.8		T.				3.0
Sloan			T.			T.				T.
Smithfield			2.5			1.0				3.5
Snow Hill			2.5	(*)	(*)	(*)	(*)	(*)		
Southport			T.							T.
Statesville			4.7	(*)						
Tarboro			2.0			2.0				4.0
Transon			4.0	3.0				1.0		8.0
Tryon			3.0							3.0
Waynesville			4.5	1.0	0.5			T.		6.0
Weldon			1.7	T.	T.	2.5		T.		4.2
Willard			2.0							2.0
Wilmington			1.0							1.0
North Dakota.										
Amenia	1.0	0.2	0.2	8.0	7.0	T.	9.0	3.0		28.4
Aplin	T.	8.5	T.	1.0	4.5	2.0	9.0	2.0	1.0	28.0
Arnegard	T.	9.1	1.2	(*)	(*)	(*)	(*)	(*)	(*)	
Ashley	T.			5.0	1.0	1.0	6.0	11.0		24.0
Beach	T.	12.0		T.	3.0	3.5	7.0	1.0		26.5
Belfield	T.	8.0		T.	(*)	0.1	(*)	(*)		
Berthold Agency	T.	4.0	T.	1.4	3.6	0.2	7.8	2.0	T.	19.0

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Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Ohio.										
Akron			1.3	4.0	11.3	12.2	8.7	T.		37.5
Amesville			T.	3.0	3.5	4.0	0.5			11.0
Antwerp			T.	(*)	6.0	9.0	4.0			
Bangorville		T.	0.2	4.0	13.0	12.0	6.5			35.7
Bellefontaine			0.5	5.2	14.0	8.4	8.3			36.4
Benton Ridge			0.2	6.7	13.5	15.2	10.0			45.6
Bladensburg			T.	2.0	9.8	4.7	2.0			18.5
Bowling Green			0.2	3.5	10.0	11.0	11.0			35.7
Brilliant			T.	4.0	5.0	9.0	3.0			21.0
Bucyrus			2.0	5.0	24.0	10.0	4.0			45.0
Cadiz			0.3	7.5	13.2	9.4	5.9	T.		36.3
Cambridge				3.0	6.0	5.0	1.0			15.0
Camp Dennison			0.5	1.0	2.0	6.1	0.8			10.4
Canal Dover			T.	5.0	13.0	10.5	4.5			33.0
Canton			0.7	4.1	12.5	10.1	5.5			32.9
Cardington			(*)	2.4	(*)	10.9	2.3			
Cincinnati			T.	1.1	1.5	6.0	1.0			9.6
Circleville			T.	2.0	(*)	4.0	T.			
Clarington			T.	1.5	9.0	8.8	0.8			20.1
Cleveland (Weather Bureau)			1.3	3.3	6.2	14.0	8.9	T.		33.7
Cleveland (Odenbach)			2.0	4.0	8.2	9.6	9.0			32.8
Columbus (Weather Bureau)			T.	1.3	5.9	6.2	1.9	T.		15.3
Columbus Reservoir			T.	T.	4.0	3.2	1.5			8.7
Conneaut			10.0	10.3	3.7	15.3	8.8			48.1
Dayton (Weather Bureau)			0.2	3.0	3.0	4.1	3.5			13.8
Dayton (Boyer)			0.8	4.4	5.8	4.1	3.9			19.0
Delaware				(*)	7.0	(*)	2.5			
Demos			0.2	5.1	7.9	6.4	2.2			21.8
Dennison				2.7	13.8	5.9	3.7			26.1
Findlay	T.		T.	2.0	13.0	9.2	7.0			31.2
Frankfort			0.6	(*)	3.0	7.0	T.			
Fremont			T.	3.7	9.7	14.5	10.7			38.6
Gallipolis				5.0	3.0	4.5	1.0			13.5
Garrettsville			4.6	4.5	12.2	14.0	10.0	T.		45.3
Granville			T.	2.0	9.5	10.5	2.0	T.		24.0
Gratiot			T.	2.8	10.1	6.3	5.3			24.5
Green			2.0	4.0	3.0	4.0	T.			13.0
Green Hill			0.7	5.0	9.0	8.2	2.3	T.		25.2
Greenville			T.	3.0	5.5	5.0	3.0			16.5
Hamilton			0.5	2.0	3.0	1.2	2.0			8.7
Hedges			T.	4.2	8.8	(*)	6.3			
Hillhouse			1.0	13.0	8.5	13.5	11.0			47.0
Hillsboro			(*)	(*)	(*)	9.1	(*)	(*)		
Hiram			7.0	5.5	11.5	12.5	8.0	T.		44.5
Hudson			2.0	5.0	9.8	8.0	7.0			31.8
Ironton			0.5	5.0	(*)	3.5	1.0			
Kenton				5.0	8.0	4.0	3.0			20.0
Killbuck			0.5	3.8	9.5	5.9	4.3			24.0
Kings Mills			(*)	0.5	1.1	4.6	2.4			
Lancaster			T.	2.0	(*)	5.0	(*)			
Lima				5.0	12.0	8.0	6.0			31.0
McConnelsville			0.5	2.5	8.2	4.2	1.4			16.8
Marietta				3.0	3.5	2.9	0.1			9.5
Marion			1.3	4.5	15.0	7.5	7.0			35.7
Medina			1.0	7.0	6.0	10.0	8.0			32.0
Milfordton			0.5	3.7	14.5	9.0	10.0			37.7
Milligan			0.5	4.0	9.0	3.0	1.0			17.5
Millport			0.3	3.4	10.3	8.3	0.6			22.9
Montpelier			1.0	3.0	8.1	14.1	16.3			42.5
Napoleon				2.0	6.0	15.0	10.0			33.0
Nellie			T.	2.0	11.0	4.5	2.3			19.8
New Berlin			0.5	3.6	13.0	7.0	1.0			25.1
New Bremen			T.	3.0	8.5	7.0	4.2			22.7
New Waterford			1.0	4.0	16.0	10.0	2.1			33.1
North Royalton			2.0	6.0	12.0	8.0	13.0			41.0
Norwalk			T.	5.0	11.0	10.5	10.0			36.5
Oberlin			T.	6.5	14.0	11.8	8.9			41.2
Ottawa			T.	1.5	(*)	(*)	9.2			
Pataskala			0.1	5.0	9.1	6.5	3.4			24.1

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Ohio—Continued.										
Peebles			1.0	4.0	4.5	3.0	0.6			13.1
Philo (Burkholter)			T.	2.5	6.2	5.7	0.9			15.3
Philo (Hardtla)			0.1	3.3	8.1	7.0	2.4			20.9
Piqua			0.5	4.0	8.2	7.3	9.0			29.0
Plattsburg			1.0	4.5	13.5	6.5	10.0			35.5
Portsmouth			T.	4.5	T.	3.0	T.			7.5
Sandusky			0.5	4.3	10.7	13.8	11.5			40.8
Sidney			0.2	4.5	8.3	3.7	6.1			22.8
Somerset			T.	4.0	8.5	11.5	3.5	T.		27.5
Summerfield			0.2	3.1	9.1	5.6	1.9	T.		19.9
Syracuse			1.0	6.0	3.0	1.0	1.0			12.0
Thurman			1.0	4.0	4.0	2.0	T.			11.0
Tiffin			T.	7.0	21.5	18.0	10.2	T.		56.7
Toboso	(*)	(*)	(*)	2.2	10.0	5.0	0.8			
Toledo			0.1	2.8	5.8	13.2	13.3			35.2
Upper Sandusky			T.	6.0	12.0	9.0	9.0			36.0
Urbana			T.	5.0	11.7	6.7	9.2	T.		32.6
Vickery			0.4	4.3	8.4	10.0	4.5			27.6
Wapakoneta		T.	T.	6.0	16.0	10.0	10.5			42.5
Warren			2.4	3.5	12.6	12.5	8.7	T.		39.7
Wauseon			0.3	4.4	10.4	15.5	15.5	T.		46.1
Waverly			0.4	2.5	2.8	6.0	T.			11.7
Waynesville			0.1	1.0	3.5	4.5	1.3			10.4
Wooster			0.4	3.5	15.2	11.5	6.3	T.		36.9
Wickliffe			1.0	11.0	5.5	7.6	5.5			30.6
Youngstown			0.5	1.2	7.0	7.5	2.0			18.2
Zanesville			T.	2.1	4.0	5.0	1.0			12.1
Oklahoma.										
Ada				5.0	1.0	5.4	4.0			15.4
Altus	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
Alva			T.		1.5	26.0	T.			27.5
Apache				2.0	0.5	3.5	5.0			11.0
Arapaho			T.	1.5	T.	12.0	2.0			13.5
Ardmore				3.0			T.			3.0
Bartlesville				2.0	2.0	16.5	6.0	(*)		
Beaver			2.0		4.0	11.9	1.2			19.1
Cache				T.		2.0	T.			2.0
Calvin				6.0	1.0	2.7	0.3			10.0
Chandler						5.1	6.5			11.6
Chattanooga				3.0		3.0	2.0			8.0
Chickasha	(*)			2.0	(*)	(*)	3.6			
Cleveland	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Cloudchief			T.	3.3	0.9	6.6	5.0			15.8
Durant				1.0	T.					1.0
Eldorado				1.7	T.	3.5	4.0			9.2
Elk City			T.	(*)	(*)	(*)	(*)	(*)	(*)	
El Reno				T.	0.6	9.5	2.0			12.1
Enid			T.	0.2	1.5	7.9	4.0			13.6
Erick				3.0	T.	9.4	3.5			15.9
Eufaula				3.0		2.2	0.4			5.6
Fairland				T.	1.0	8.8	8.0			17.8
Fort Gibson				2.9	1.0	3.0	2.5			9.4
Frederick				2.5	0.5	4.3	1.0			8.3
Geary		T.	0.2	1.0	0.8	14.2	2.2			18.4
Goodwell		T.	2.0	T.	4.5	9.0	1.0			16.5
Guthrie				0.5	T.	13.0	6.0			19.5
Guymon			0.2		9.0	9.1	4.6			22.9
Hartshorne				2.0	0.2	4.0	T.			6.2
Healdton				2.0	T.	T.	3.0			5.0
Helena		(*)	1.0		0.5	11.4	T.		(*)	
Hennessey				1.0	1.0	12.0	4.0			18.0
Hobart				2.2	0.6	5.0	5.8			13.6
Holdenville				5.0	T.	6.0	2.0			13.0
Hooker		T.	0.5	T.	3.0	6.9	T.			10.4
Hugo	(*)	(*)	(*)	(*)	T.	0.2	T.			
Hurley		T.	T.	T.	6.0	9.0	T.	T.		15.0
Idabel	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Jefferson			T.		2.0	13.0	0.8			15.8

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Oklahoma—Continued.										
Kenton	T.	1.2	0.2	0.5	5.0	11.7	4.5	T.	.....	23.1
Kingfisher	.....	.....	.....	0.8	0.5	23.7	4.0	.....	.....	29.0
Lawton	.....	.....	.....	2.5	0.5	9.0	5.0	.....	.....	12.0
Lawtonka Lake	(*)	(*)	(*)	(*)	.....	2.5	2.0	(*)	.....	.....
McAlester	.....	.....	.....	7.0	1.0	5.8	3.8	.....	.....	17.6
Mangum	.....	.....	.....	4.0	T.	5.5	6.0	.....	.....	15.5
Marlow	.....	.....	.....	4.0	T.	2.0	6.0	.....	.....	12.0
May	(*)	T.	T.	(*)	2.0	8.0	T.	.....	.....	.....
Meeker	.....	.....	.....	1.5	6.0	11.0	12.0	.....	.....	30.5
Muskogee (1)	(*)	(*)	(*)	(*)	(*)	3.1	0.8	.....	.....	.....
Muskogee (2)	.....	.....	.....	2.0	0.5	5.0	2.0	.....	.....	9.5
Mutual	.....	.....	T.	.....	.....	12.0	3.0	.....	.....	15.0
Neola	.....	.....	T.	2.5	0.2	4.3	5.0	.....	.....	12.0
Newkirk	.....	.....	T.	T.	2.5	17.0	1.5	.....	.....	21.0
Norman	.....	.....	.....	3.0	1.0	10.7	6.1	.....	.....	20.8
North Muskogee	.....	.....	.....	1.7	1.0	3.0	1.0	.....	.....	6.7
Oakwood	.....	.....	0.2	1.0	(*)	(*)	(*)	(*)	(*)	.....
Okeene	.....	.....	0.1	0.5	1.0	10.3	3.0	.....	.....	14.9
Okemah	.....	.....	.....	3.5	.....	4.0	12.0	.....	.....	19.5
Oklahoma	.....	.....	1.6	T.	0.9	12.9	8.1	.....	.....	23.5
Okmulgee	.....	.....	.....	4.0	2.5	5.2	5.0	.....	.....	16.7
Pauls Valley	.....	.....	.....	1.0	.....	4.0	2.7	.....	.....	7.7
Pawhuska	.....	.....	.....	0.2	1.2	13.0	2.0	.....	.....	16.4
Perry	.....	.....	T.	9.3	1.0	9.0	2.0	.....	.....	21.3
Rankin	.....	.....	0.5	0.7	0.5	12.7	1.5	.....	.....	15.9
Ravia	.....	.....	.....	3.0	.....	1.8	1.0	.....	.....	5.8
Sac and Fox Agency	.....	.....	.....	0.8	1.0	6.5	8.0	.....	.....	16.3
Shawnee	.....	.....	T.	2.5	0.5	5.0	9.0	.....	.....	17.0
Snyder	.....	.....	.....	1.0	(*)	(*)	(*)	(*)	(*)	.....
Stillwater	.....	.....	.....	2.8	1.0	9.0	4.0	.....	.....	16.8
Tulsa	.....	.....	.....	0.5	1.5	7.4	6.0	.....	.....	15.4
Wagoner	.....	.....	.....	3.0	2.0	13.0	5.0	.....	.....	23.0
Waukomis	.....	T.	T.	1.0	T.	8.0	3.0	.....	.....	12.0
Waurika	.....	.....	.....	4.0	0.5	0.5	1.0	.....	.....	6.0
Weatherford	.....	.....	T.	2.2	1.5	10.2	5.2	.....	.....	19.1
Webbers Falls	.....	(*)	(*)	3.0	.....	14.0	3.5	.....	.....	.....
Whiteagle	.....	.....	.....	0.2	0.2	8.7	0.5	.....	.....	9.6
Woodward	.....	.....	T.	.....	4.0	19.0	T.	T.	.....	23.0
Wyandotte	.....	.....	.....	.....	.....	11.6	(*)	.....	.....	.....
Oregon.										
Albany	.....	.....	.....	.....	.....	1.5	3.0	.....	.....	4.5
Ashland	.....	.....	.....	2.0	20.5	0.5	2.5	T.	.....	25.5
Astoria	.....	.....	.....	.....	1.4	.....	.....	.....	.....	1.4
Baker	.....	0.4	0.2	14.1	22.4	5.1	11.0	1.7	.....	54.9
Black Butte	.....	.....	.....	4.0	23.0	4.0	8.0	.....	.....	39.0
Cascade Locks	.....	.....	.....	2.0	51.0	5.0	4.0	.....	.....	62.0
Cazadero	.....	.....	.....	0.2	26.5	0.5	7.5	2.0	.....	36.7
Cliff	.....	.....	.....	2.0	13.0	3.0	0.5	3.5	.....	22.0
Condon	T.	T.	.....	0.5	(*)	2.5	3.0	.....	.....	.....
Crescent	.....	2.0	5.5	33.2	48.5	5.0	12.0	5.5	T.	111.7
Dayville	.....	T.	.....	1.5	8.2	2.0	3.0	T.	(*)	.....
Deadwood	.....	.....	.....	.....	4.0	1.0	3.4	.....	.....	8.4
Doraville	.....	.....	.....	3.0	36.7	1.5	9.0	T.	.....	50.2
Drain	.....	.....	.....	.....	0.5	.....	.....	.....	.....	0.5
Echo	.....	.....	.....	.....	12.5	8.0	4.0	.....	.....	24.5
Eugene	.....	.....	.....	.....	3.5	.....	0.5	.....	.....	4.0
Glendale	.....	.....	.....	3.0	19.0	0.2	(*)	(*)	(*)	.....
Glenora	.....	.....	.....	10.5	11.0	.....	16.0	.....	.....	37.5
Gold Beach	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Grants Pass	.....	.....	.....	T.	14.0	T.	T.	T.	.....	14.0
Heppner	.....	.....	.....	T.	12.2	2.8	6.8	T.	.....	21.8
Hood River	.....	.....	.....	T.	12.0	.....	1.0	.....	.....	13.0
Jacksonville	.....	.....	.....	T.	21.0	.....	1.0	T.	.....	22.0
Joseph	.....	3.0	7.0	17.0	10.0	16.5	26.5	15.0	.....	95.0
Klamath Falls	.....	(*)	0.5	18.0	43.0	0.4	3.6	1.5	.....	.....
La Grande	.....	.....	.....	20.5	37.0	21.0	8.0	T.	(*)	.....
McKenzie Bridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Oregon—Continued.										
Marshfield										0.0
Medford					17.0	0.2	2.5	T.		19.7
Merrill				(*)						
Metolius					T.	3.5				3.5
Miramonte Farm					13.0		1.0	1.5		15.5
Mount Angel					0.9					0.9
Musick	3.0	73.0	63.0	95.0	190.0	14.5	132.0	40.0	2.2	612.7
Newport					1.0					1.0
Ortley				13.7	50.0	9.2	4.0	T.		76.9
Pilot Rock				T.	15.0	11.0	14.8			40.8
Portland				T.	11.3	T.	1.2			12.5
Prairie City		T.	0.5	13.5	17.3	4.5	4.0	T.		39.8
Ramsey				6.3	26.1	5.6	3.2			41.2
Rio Hermoso				9.0	23.0	(*)	6.0			
Roseburg					1.5		T.			1.5
Salem					6.0					6.0
Silver Lake				15.0	11.0	4.0	T.	4.0		34.0
Siskiyou		5.0	0.5	20.5	116.5	11.5	26.0	2.0	2.5	184.5
Sparta			5.0	31.0	61.0	22.0	17.0	5.0		141.0
Stafford				0.5	18.5		5.5	1.5		26.0
Umatilla				T.	13.0	7.0	T.			20.0
Union				1.6	5.9	6.9	5.8	T.		20.2
Vida				3.0	43.5	2.0	6.0	T.		54.5
Wallace Orchard					11.0		0.5			11.5
Wallowa			0.6	17.0	29.3	17.6	8.4	1.5		74.4
Weston				2.0	(*)	17.5	10.6	T.		
Williams				T.	17.0	T.	T.	0.5		17.5
Yonna			1.0	4.2	29.2	1.0	3.8	2.5		41.7
Pennsylvania.										
Aleppo			T.	8.0	6.0	5.0	3.0	T.		22.0
Altoona				(*)	8.5	7.2	2.0	T.		
Baldwin			1.0	4.0	9.0	9.0	7.0	T.		30.0
Bethlehem				13.5	0.5	2.6	(*)			
Brookville			(*)	(*)	2.5	6.0	0.3			
Claysville			T.	5.0	5.0	5.5	0.5			16.0
Clearfield			0.8	5.9	7.0	5.5	1.0	(*)		
East Mauch Chunk			0.2	14.0	3.0	6.5	0.5	0.2		24.4
Emporium			1.0	3.5	3.5	6.5	1.9	T.		16.4
Erie			15.3	10.9	4.1	10.5	12.6	0.2		53.6
Everett			T.	6.0	3.0	2.0	T.	T.		11.0
Franklin			2.0	4.2	7.8	7.8	4.5	0.2		26.5
Gettysburg			T.	10.0	3.0	2.5	T.	T.		15.5
Gordon			6.0	13.0	2.0	5.0	0.3	T.		26.3
Harrisburg			T.	9.4	0.8	5.1	T.	T.		15.3
Huntingdon			T.	5.0	5.0	4.0	0.5	T.		14.5
Hyndman			T.	10.0	2.0	T.	T.	T.		12.0
Indiana			1.0	6.0	10.5	8.8	2.5			28.8
Irwin			T.	3.0	2.9	6.1	2.7	T.		14.7
Johnstown			1.0	11.4	9.4	6.5	4.0	T.		32.3
Kennett Square			T.	8.0	0.4	2.5	T.	T.		10.9
Lancaster			T.	11.0	3.0	2.2	T.	T.		16.2
Lawrenceville			5.0	7.0	T.	2.0	1.0	1.0		16.0
LeRoy			10.1	5.2	2.6	3.8	1.6	0.8	T.	24.1
Lewisburg			0.5	8.5	1.5	3.6	0.5	0.2		14.8
Lock Haven			T.	5.2	0.2	4.2	1.0	T.		10.6
Milford			T.	5.8	0.5	11.5	T.	T.		17.8
Montrose			1.4	10.0	5.0	13.0	3.0	2.0		34.4
New Germantown				5.5	2.2	1.0				8.7
Philadelphia			0.3	7.5	T.	1.7	T.	T.		9.5
Pittsburgh			0.3	5.1	9.3	8.7	2.0	T.		25.4
Reading			T.	10.8	1.7	3.1	T.	T.		15.6
Saegerstown		T.	4.0	8.5	9.5	7.5	11.5	T.		41.0
Scranton			8.4	5.7	1.7	4.2	0.7	0.4		21.1
Skidmore			1.0	(*)	6.0	5.0	(*)	(*)		
Somerset			2.5	13.8	11.3	8.6	1.3	T.		37.5
State College			0.6	8.6	3.5	5.6	1.6	0.5		20.4
Stroudsburg			T.	11.0	1.0	4.5	T.	T.		16.5
Uniontown			1.0	4.5	6.5	(*)	4.0	T.		

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Pennsylvania—Continued.										
Warren			6.2	8.2	12.3	12.0	7.5	3.0		49.2
Wellsboro			6.0	5.0	T.	4.0	T.	T.		15.0
Williamsport			2.0	7.0	T.	5.7	0.5			15.2
Rhode Island.										
Block Island			0.8	5.5	T.	0.5	T.	T.		6.8
Bristol			2.0	10.0	T.	4.2	T.	0.2		16.4
Kingston			2.0	12.0	T.	3.0	T.			17.0
Narragansett Pier			3.0		T.	3.5	T.	1.0		7.5
Providence					1.6	5.0	0.2	T.		
South Carolina.										
Aiken			T.							T.
Allendale			T.							T.
Anderson			2.0							2.0
Batesburg			1.8							1.8
Beaufort			(*)							
Blackville			1.3							1.3
Blairs			1.0							1.0
Bowman			1.0							1.0
Broxton			(*)							
Calhoun Falls			2.0							2.0
Camden			1.5							1.5
Catawba			1.5			0.3				1.8
Chappells			3.2							3.2
Charleston										
Cheraw			2.5							2.5
Clemson College			(*)							
Columbia			1.0							1.0
Conway			1.0							1.0
Darlington			(*)							
Dillon			(*)							
Edisto			0.2							0.2
Effingham			1.0							1.0
Ferguson			0.5							0.5
Florence			(*)							
Georgetown			(*)							
Greenville			2.5			T.				2.5
Greenwood			2.0							2.0
Heath Springs			2.0							2.0
Kingstree			1.0							1.0
Liberty			4.0		T.	T.				4.0
Little Mountain			4.0							4.0
Meriwether			1.5							1.5
Monetta			(*)							
Newberry			3.0							3.0
Pelzer			2.5			0.2				2.7
Pinopolis			(*)							
St. George			T.							T.
St. Matthews			1.0							1.0
Saluda			1.5							1.5
Santuck			2.0			T.				2.0
Smith Mills			1.0							1.0
Society Hill			3.0							3.0
Spartanburg			2.0			1.0				3.0
Summerville			T.							T.
Trenton			2.5							2.5
Walterboro										
Winnsboro			2.0							2.0
Winthrop College			2.0			0.5				2.5
Yemassee			T.							T.
South Dakota.										
Aberdeen	T.		1.0	3.5	5.5	4.7	11.3	(*)		
Academy	0.2			2.7	0.8	4.3	11.2	9.0		28.2
Alexandria	(*)	(*)	(*)	T.	T.	3.0	0.5	5.0		
Armour	T.	(*)	(*)	(*)	T.	5.5	9.5	20.0		
Bellefourche	(*)	2.0	T.	T.	5.0	4.5	(*)	(*)		

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
South Dakota—Continued.										
Blunt	(*)	(*)	(*)	(*)	.....	1.5	(*)	9.0	.....	.....
Britton	(*)	(*)	(*)	(*)	(*)	1.9	2.2	8.0	.....	.....
Brookings	2.0	.....	T.	2.0	0.2	0.9	1.3	(*)	.....	.....
Bryant	1.0	.....	(*)	2.0	T.	3.0	T.	2.0	.....	.....
Camp Crook	T.	2.0	T.	2.0	11.1	0.8	15.9	0.7	0.5	33.0
Canton	.....	.....	.....	2.0	T.	6.0	(*)	25.0	.....	.....
Cascade Springs	T.	4.5	T.	.....	1.6	7.2	12.8	3.0	.....	29.1
Castlewood	3.0	.....	T.	2.5	0.3	0.6	0.9	1.0	T.	8.3
Centerville	(*)	.....	.....	4.1	0.9	6.2	2.7	6.5	.....	.....
Chamberlain	(*)	(*)	(*)	.....	(*)	(*)	(*)	(*)	(*)	.....
Clark	2.0	.....	T.	5.2	4.5	5.0	3.5	(*)	.....	.....
Cottonwood	T.	.....	T.	1.3	2.9	2.3	6.4	5.5	.....	18.4
Custer	0.2	2.5	.....	.....	3.0	6.0	15.0	1.0	2.0	29.7
Daviston	0.2	2.0	.....	T.	2.2	0.7	8.2	3.0	.....	16.3
Deadwood	9.5	3.5	1.5	11.7	18.5	6.0	34.5	5.8	0.8	91.8
Deerfield	3.5	1.4	1.8	9.0	12.7	3.4	13.3	2.8	0.6	48.5
De Smet	0.5	.....	.....	T.	T.	1.8	(*)	(*)	.....	.....
Dowling	T.	T.	0.5	2.0	6.8	4.6	14.0	7.0	.....	34.9
Dumont	3.5	1.5	1.0	11.8	27.6	5.3	22.1	6.7	0.9	80.4
Eagle Butte	0.7	1.2	.....	1.0	2.2	1.9	14.9	8.0	.....	29.9
Eales	0.1	T.	T.	3.7	2.9	1.8	9.4	5.5	T.	23.4
Elk Mountain	5.8	6.8	T.	5.0	5.0	4.6	6.5	1.9	.....	35.6
Ellingson	1.5	2.0	.....	0.2	(*)	(*)	(*)	T.	1.0	.....
Englewood	11.1	5.6	(*)	(*)	18.9	8.8	37.5	(*)	(*)	.....
Eureka	T.	0.1	.....	3.7	1.5	1.0	3.5	3.0	.....	12.8
Fairfax	T.	.....	T.	1.8	4.1	9.5	8.2	7.5	.....	31.1
Faith	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3.0	.....	.....
Faulkton	(*)	.....	.....	2.5	0.5	3.0	7.0	7.0	.....	.....
Flandreau	0.2	.....	.....	5.0	0.5	2.5	4.0	8.0	.....	20.2
Forestburg	4.0	.....	.....	3.6	T.	3.7	2.0	3.9	.....	17.2
Fort Meade	0.5	3.0	T.	6.1	9.5	6.5	32.0	4.0	.....	61.6
Frederick	T.	T.	1.0	2.5	0.7	0.2	2.0	8.0	.....	14.4
Gannvalley	(*)	(*)	(*)	(*)	T.	(*)	(*)	(*)	(*)	.....
Goldfield	(*)	(*)	(*)	(*)	(*)	6.0	21.5	(*)	.....	.....
Greenmont	25.0	4.0	1.0	14.5	28.5	8.5	20.5	11.5	2.0	115.5
Greenwood	0.3	.....	.....	5.0	2.2	7.6	6.0	5.0	.....	26.1
Hardingrove	0.1	.....	0.2	0.2	3.2	1.1	9.0	4.0	.....	17.8
Hardy Ranger Station	17.0	10.2	2.2	27.9	34.0	10.8	15.7	8.3	T.	126.1
Harveys Ranch	9.0	6.4	2.0	27.7	34.5	8.8	21.5	4.7	T.	114.6
Hermosa	.....	1.2	T.	1.0	3.0	3.5	5.8	2.0	.....	16.5
Highmore	(*)	.....	.....	3.5	0.5	3.0	6.9	6.5	.....	.....
Hopewell	2.0	.....	.....	T.	1.0	1.5	12.0	8.0	.....	24.5
Howard	(*)	.....	.....	1.0	0.5	2.5	0.7	3.2	.....	.....
Howell	0.5	.....	.....	3.3	0.7	1.8	7.1	8.0	.....	21.4
Huron	1.0	.....	T.	2.0	0.3	3.0	5.3	4.0	.....	15.6
Ipswich	(*)	.....	T.	5.5	3.5	2.5	2.0	8.0	.....	.....
Kadoka	1.2	.....	.....	T.	1.1	1.5	9.1	4.7	.....	17.6
Kennebec	2.0	.....	.....	2.5	0.5	5.2	11.5	12.5	.....	34.2
Kidder	4.0	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.....
Kimball	.....	.....	.....	0.5	T.	5.0	(*)	(*)	.....	.....
La Delle	3.0	(*)	(*)	2.0	2.0	4.8	5.2	4.0	.....	.....
Lead	10.0	3.0	2.0	19.1	20.1	7.8	39.0	8.2	3.0	112.2
Lemmon	5.5	0.2	(*)	(*)	1.5	0.2	(*)	(*)	(*)	.....
Manderson	0.8	4.4	T.	0.4	(*)	(*)	(*)	(*)	(*)	.....
Marion	.....	.....	T.	2.2	T.	7.0	0.5	12.5	.....	22.2
Marston	(*)	.....	.....	1.0	T.	2.5	6.8	6.0	.....	.....
Meadow	(*)	(*)	(*)	0.1	3.0	1.5	15.0	2.0	T.	.....
Mellette	1.5	.....	0.1	3.1	0.9	2.3	3.9	5.8	.....	17.6
Menno	(*)	.....	.....	4.0	0.2	10.5	T.	8.0	.....	.....
Milbank	2.3	T.	1.7	4.0	4.5	4.8	6.5	9.0	.....	32.8
Mitchell	T.	.....	.....	3.0	1.0	11.0	13.5	15.0	.....	43.5
Mobridge	T.	T.	.....	2.5	9.5	2.5	8.0	0.5	.....	23.0
Murdo	6.0	.....	.....	T.	3.0	3.0	24.0	10.0	.....	46.0
Oelrichs	(*)	6.0	.....	T.	2.0	3.0	12.0	4.0	.....	.....
Onaka	2.5	.....	.....	3.9	2.5	3.3	21.8	(*)	.....	.....
Onida	(*)	(*)	(*)	(*)	T.	2.0	5.0	10.0	.....	.....
Orman	T.	(*)	T.	0.7	10.5	4.0	24.5	(*)	.....	.....
Ottumwa	0.9	(*)	T.	0.5	5.0	4.5	15.0	4.0	.....	.....
Parkston	0.5	.....	.....	6.1	3.5	14.0	5.4	9.5	.....	39.0

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
South Dakota—Continued.										
Pierre	T.			0.2	T.	3.2	9.1	5.4		17.9
Pine Ridge	(*)	(*)	(*)	(*)	(*)	(*)	(*)	6.1		
Plankinton	(*)		T.	3.5	0.5	5.3	2.3	7.0		
Pollock	(*)		T.	4.0	2.0	0.5	6.0	(*)		
Rapid City	0.4	2.2	T.	2.4	5.6	5.0	13.8	3.1	T.	32.5
Redfield	(*)			1.0	0.1	(*)	(*)	(*)		
Rochford	7.5	1.0	1.3	8.3	16.1	4.8	11.4	3.0	2.5	55.9
Rosebud	5.0	0.8	0.2	7.0	(*)	9.0	6.0	(*)	T.	
Roslyn	2.5		T.	3.8	5.7	1.2	2.8	6.0	2.0	24.0
Selby	2.5	T.		3.5	2.5	1.5	(*)	6.0		
Sioux Falls		T.		5.0	1.0	8.5	8.0	(*)		
Sisseton	(*)		0.4	0.8	2.5	0.6	3.8	10.0	(*)	
Sorum	T.	4.0	T.	1.5	7.0	T.	23.5			36.0
Spearfish	3.0	3.0		1.0	12.0	4.0	14.4	8.0		45.4
Stephan	T.			1.5	0.3	2.8	9.5	4.5		18.6
Tama	(*)	(*)	T.	0.1	0.1	0.5	4.2	(*)		
Timber Lake	2.0	1.5		2.0	5.5	1.5	10.7	T.		23.2
Tyndall	T.			2.5	1.0	9.5	5.0	11.0		29.0
Vale	1.0	0.7	0.5	1.0	7.0	1.0	12.5	T.		23.7
Vermilion				3.5	1.0	7.0	6.0	18.0		35.5
Waters Ranch	7.2	6.2	0.5	3.9	14.0	8.3	36.5	9.7		86.3
Watertown	1.0		T.	3.0	1.5	2.0	0.5	6.0		14.0
Wentworth	(*)			0.8	T.	2.8	(*)	5.9		
Wessington Springs	5.0	(*)	(*)	(*)	0.5	0.9	(*)	(*)	(*)	
Winner	T.			1.5	2.5	6.0	(*)	(*)		
Wood	(*)	(*)	(*)	(*)	2.5	5.0	11.5	7.5		
Yankton			T.	5.2	0.9	10.5	2.8	15.5		34.9
Tennessee.										
Ashwood			T.	0.5						0.5
Bolivar			T.	T.		0.2				0.2
Byrdstown			T.	1.5			T.			1.5
Chattanooga			0.8	T.	0.1	T.				0.9
Clarksville			0.2	7.5	1.5	T.	T.			9.2
Decatur			3.0	T.			T.			3.0
Florence			0.2	2.0	3.0		T.			5.2
Johnson City			3.5	0.5	3.0		T.			7.0
Knoxville			0.5	0.8	2.4	T.	T			3.7
McMinnville			T.	T.	1.0		T.			1.0
Memphis			T.	T.			T.			T.
Nashville			T.	3.5	0.5	T.	T.			4.0
Palmetto			T.	T.	1.5		T.			1.5
Rogersville			2.0	T.	0.5		T.			2.5
Rugby			1.0	3.0	1.0		0.5			2.5
Sparta			0.5	(*)	1.0		T.			1.5
Trenton				4.0		T.	T.			4.0
Union City			(*)	(*)	T.	T.	T.			T.
Waynesboro			T.	0.2	1.0	T.	T.			1.2
Wildersville			T.	0.5			T.			0.5
Yukon										
Texas.										
Abilene				0.1	0.4	1.6	T.			2.1
Albany						1.0				1.0
Alice										0.0
Alpine			T.							T.
Alvin										0.0
Amarillo		0.6	0.2	11.4	1.1	5.1	5.4	1.4		25.2
Anahuac										0.0
Antelope				0.5	0.2	1.5	T.			2.2
Archer City				2.0	1.0	2.0	T.			5.0
Arthur City										0.0
Aspermont				1.5						1.5
Austin					T.					T.
Ballinger				T.		T.				T.
Barstow						0.1				0.1
Bay City										0.0
Beaumont										0.0
Beeville										0.0

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Texas—Continued.										
Big Spring				0.7	T.	3.1				2.8
Blanco				T.	T.					T.
Boerne										0.0
Bonham										0.0
Booth										0.0
Bowie				2.0	0.5	1.2	T.			3.7
Brady	(*)	(*)		0.1		1.0				
Brazoria										0.0
Brazos				T.	1.0	1.0				2.0
Brenham										0.0
Bridgeport						1.2	T.			1.2
Brighton										0.0
Brownsville										0.0
Brownwood					0.5	2.0				2.5
Buena Vista				T.		2.0				2.0
Cameron										0.0
Canadian	(*)	(*)	(*)	0.5	1.5	7.0	4.0			
Carmona				T.		T.				T.
Carrizo Springs				(*)						
Childress				1.0	0.3	7.0	2.5			10.8
Chillicothe				3.0	2.0	5.0	2.0			12.0
Clarendon			T.	6.5		8.5	4.0			19.0
Clarksville										0.0
Claude			0.2	6.5	T.	9.0	1.0	(*)		
Claytonville						2.0				2.0
Clifton				T.	0.5					0.5
Coleman					0.4	1.5				1.9
College Station										0.0
Colorado						(*)				
Columbus										0.0
Corpus Christi										0.0
Corsicana										0.0
Cotulla										0.0
Crockett										0.0
Cuero										0.0
Dalhart				0.3	0.6	1.6	1.0			3.5
Dallas				T.	1.0	2.1	T.			3.1
Danevang										0.0
Del Rio					(*)					
Denison				0.4						0.4
Devine										0.0
Dialville						T.				T.
Dilley										0.0
Dublin					1.0	1.2				2.2
Duval										0.0
Eagle Pass										0.0
Eastland				T.		1.0				1.0
Edna										0.0
El Paso				3.2	2.1	T.				5.3
Encinal										0.0
Falfurrias										0.0
Finley						T.				T.
Flatonia										0.0
Flint					T.	1.0				1.0
Fort Clark										0.0
Fort Davis	(*)		3.5		T.					
Fort McIntosh										0.0
Fort Stockton				T.	T.	1.2				1.2
Fort Worth				T.	0.7	1.4	T.			2.1
Fredericksburg				1.0	1.0	1.0				3.0
Gail				2.2	T.	2.0				4.2
Gainesville										0.0
Galveston										0.0
Garden City	(*)			T.	T.	2.8				
Gatesville										0.0
Georgetown										0.0
Goliad										0.0
Gonzales										0.0
Goree				2.0	T.	2.5	T.			4.5
Gorham										0.0

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Texas—Continued.										
Graham				1.0	2.0	(*)	(*)			
Grand Falls				T.		4.0				4.0
Grand Saline					T.	1.5				1.5
Grapevine				0.5	0.8	1.4	T.			2.7
Greenville					T.					T.
Hallettsville					T.					T.
Hamlin				0.5		T.	T.			0.5
Harlingen										0.0
Harper				(*)	(*)	(*)	(*)	(*)		
Haskell				2.0	1.0	1.8	0.2			5.0
Hebbronville										0.0
Hempstead										0.0
Henderson										0.0
Henrietta				1.5	1.0	0.5	T.			3.0
Hewitt				T.	T.					T.
Hico						1.8				1.8
Hillsboro										0.0
Hondo										0.0
Houston					T.					T.
Huntsville										0.0
Jayton				2.5						2.5
Jewett										0.0
Junction										0.0
Kaufman				T.		3.0	T.			3.0
Kerrville				T.						T.
Killeen				(*)	(*)	(*)	(*)	(*)	(*)	
Knickerbocker				0.5	0.4	0.5				1.4
Kopperl										0.0
Lagrange										0.0
Lamesa				2.0		1.0				3.0
Lampasas				0.7	T.					0.7
La Parra										0.0
Laredo	(*)	(*)								
Laureles Ranch				(*)	(*)				(*)	
Liberty					T.					T.
Llano				1.0	T.					1.0
Llano Grande										0.0
Long Lake										0.0
Longview						0.6				0.6
Lubbock				1.1	T.	1.3				2.4
Lufkin										0.0
Luling										0.0
McGregor										0.0
McKinney				1.0		1.4	T.			2.4
Marathon			1.0	1.0	T.	3.0				5.0
Marble Falls					T.					T.
Marfa	(*)		(*)							
Marshall						0.5				0.5
Matagorda										0.0
Memphis				2.0	1.0	4.5	3.0			10.5
Mexia				T.	T.					T.
Miami			2.0	5.5	3.2	7.4	2.0	T.		20.1
Midland				1.0		1.3				2.3
Mission										0.0
Mont Belvieu										0.0
Montell										0.0
Mount Blanco				1.5		3.0				4.5
Nacogdoches										0.0
New Braunfels										0.0
Ochiltree			1.0	2.0	3.0	8.0				14.0
Palestine					T.	T.				T.
Panhandle				9.0	(*)	(*)	3.0			
Panther					1.2					1.2
Paris				T.	0.3	0.2	T.			0.5
Pearsall										0.0
Pierce										0.0
Plainview				3.0	T.	3.5	0.5			7.0
Plemons			1.0	T.	7.0	6.5	1.0			15.5
Port Lavaca										0.0
Post				1.5		2.5	T.			4.0

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Texas—Continued.										
Putnam					0.5	1.4				1.9
Quanah				2.5		5.6	3.0			11.1
Raymondville										0.0
Ricardo	(*)	(*)	(*)	(*)	(*)					
Ringo Crossing										0.0
Rio Grande City	(*)	(*)	(*)							
Riverside										0.0
Rockland										0.0
Rockport										0.0
Romero		T.	T.	6.5	4.5	6.0	2.0			19.0
Rossville										0.0
Runge	(*)									
Sabinal										0.0
Salado										0.0
San Angelo					T.	1.5				1.5
San Antonio										0.0
San Augustine					T.					T.
San Juanito										0.0
San Marcos										0.0
San Saba										0.0
Santa Gertrudes										0.0
Sealy										0.0
Seymour				4.0	T.	1.5	T.			5.5
Sherman				T.	T.	T.	T.			T.
Snyder				4.0		T.				4.0
Somerville										0.0
Sonora				T.	T.			(*)	(*)	
Spur				3.7	T.	1.4	0.1			5.2
Stamford				T.		2.0				2.0
Stratford		T.	1.0		4.0	7.5	1.5	T.		14.0
Sugarland										0.0
Sutherland Springs	(*)									
Taylor				T.	T.	T.				T.
Temple										0.0
Theodore										0.0
Thurber										0.0
Tivoli										0.0
Tulia		T.	T.	8.0	3.0	6.5	2.5	T.		20.0
Uvalde	(*)	(*)	(*)	(*)						
Valley Junction										0.0
Victoria										0.0
Waco										0.0
Waxahachie				T.		0.8				0.8
Weatherford					0.8	1.0				1.8
Wellington			0.2	6.0	1.0	7.2	3.0			17.4
Wichita Falls				3.0		(*)				
Wills Point					T.	T.	T.			T.
Winfield						2.0	T.			2.0
Winters										0.0
Utah.										
Aneth					5.5	7.0	(*)			
Black Rock				2.0	1.0	4.0	4.0		(*)	
Burrville				0.1	1.2	(*)	(*)	(*)	0.2	
Cedar City		1.0		2.0	7.0	13.0	5.0		(*)	
Center		8.0	5.0	4.0	8.0	20.0	13.0	3.0	(*)	
Corinne			0.5	3.0	13.0	3.0	5.0		T.	24.5
Dragon	0.2	(*)	2.0	4.2	3.0	10.5	4.0	2.0	T.	
Duchesne	T.	1.7	0.6	0.8	2.1	4.4	4.5	0.3		14.4
Emery			1.0	2.2	2.0		4.0			
Erekson		10.0	6.5	(*)	(*)	(*)	(*)	(*)	2.5	
Farmington	T.		2.0	6.5	21.8	21.6	28.2	6.0		86.1
Fruitland	2.5	4.0	2.5	0.2	(*)	(*)		(*)	(*)	
Government Creek		0.6	4.5	4.5	(*)	16.0	10.0	10.0	2.0	
Grayson		4.0	5.2	5.0	12.5	39.7	8.8			75.2
Green River			T.	2.2	0.5	1.2	T.			3.9
Hankeville	(*)	(*)	(*)		12.5	3.0	1.5			
Heber			5.0	17.0	23.0	30.0	14.0	(*)		
Henefer		2.0	1.5	10.3	14.0	14.4	19.5	4.0		65.7

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Utah—Continued.										
Ibex	(*)	(*)	(*)	T.	2.0	6.0	(*)	(*)	(*)	.....
Kanab	.....	0.5	.....	1.0	(*)	(*)	(*)	(*)	(*)	.....
Kelton	.....	.....	.....	2.7	4.5	1.2	3.0	.....	.....	11.4
Levan	.....	8.5	3.1	7.8	10.8	21.7	10.6	2.9	1.3	66.7
Logan	.....	1.0	(*)	5.0	9.0	9.0	28.0	2.0	(*)	.....
Low	.....	.....	.....	2.0	2.0	15.0	4.5	.....	T.	23.5
Manila	3.2	1.5	T.	1.5	(*)	10.0	3.0	4.0	(*)	.....
Manti	.....	.....	3.2	30.2	4.5	9.0	(*)	2.4	(*)	.....
Marysvale	(*)	(*)	0.8	4.3	4.9	13.2	12.3	(*)	(*)	.....
Meadowville	1.5	5.0	1.0	7.0	5.0	4.5	25.0	2.0	T.	51.0
Moab	.....	.....	T.	2.0	10.5	6.6	T.	.....	.....	19.1
Modena	T.	8.5	T.	T.	3.8	15.7	2.0	T.	3.5	33.5
Monticello	.....	.....	(*)	12.0	13.0	35.0	13.0	2.0	.....	.....
Moroni	.....	4.5	0.5	12.5	14.8	20.6	15.0	T.	T.	67.9
Ogden	.....	.....	2.0	17.5	22.5	13.0	17.0	T.	T.	72.0
Parowan	.....	3.0	.....	3.0	5.0	15.0	9.0	5.0	.....	40.0
Pine Valley	.....	15.5	5.8	2.5	8.0	27.5	6.0	2.0	T.	67.3
Richmond	.....	T.	4.5	7.2	14.4	7.9	36.5	.....	.....	70.5
Salt Lake City	.....	T.	2.5	7.7	12.3	23.7	20.8	1.3	T.	68.3
Scipio	.....	T.	2.0	5.0	6.0	15.0	9.0	1.0	T.	38.0
Scofield	0.4	16.0	5.0	22.0	18.0	33.5	9.0	0.2	4.0	108.1
Showell	.....	.....	.....	2.8	5.7	2.5	(*)	(*)	.....	.....
Stanrod	.....	13.5	5.4	11.0	7.9	2.0	7.7	4.8	.....	52.3
Strawberry, West	1.0	25.0	25.0	28.0	40.0	30.0	29.0	7.0	7.0	192.0
Teasdale	T.	4.0	2.0	2.0	2.0	7.0	2.0	T.	T.	19.0
Thistle	.....	.....	3.0	38.0	39.0	34.0	40.0	14.0	(*)	.....
Thompsons	.....	2.0	1.0	4.5	4.0	11.5	3.0	T.	.....	26.0
Tropic	.....	.....	0.2	1.0	0.8	17.0	4.0	T.	T.	23.0
Vernal	0.5	.....	1.0	1.0	2.0	14.3	4.0	(*)	.....	.....
Wendover	.....	.....	T.	2.5	1.0	3.5	T.	.....	(*)	.....
Whiskey Creek	.....	6.0	2.8	4.0	(*)	22.0	13.0	(*)	.....	.....
White Rocks	.....	.....	1.0	T.	3.0	16.0	8.0	0.5	(*)	.....
Vermont.										
Burlington	.....	.....	5.6	1.4	10.8	5.7	5.8	2.0	T.	31.3
Chelsea	.....	.....	5.0	6.0	8.0	9.0	7.0	T.	.....	35.0
Enosburg Falls	.....	.....	12.0	4.0	13.0	14.0	8.5	1.0	T.	53.5
Northfield	.....	.....	9.2	6.3	7.8	8.3	6.8	1.3	T.	39.7
Virginia.										
Arvonia	.....	.....	1.5	3.0	0.5	3.8	T.	.....	.....	8.8
Ashland	.....	.....	2.5	1.0	T.	3.5	T.	.....	.....	7.0
Blacksburg	.....	.....	1.3	5.5	2.0	4.0	.....	.....	.....	12.8
Buchanan	.....	.....	2.0	4.0	.....	2.0	.....	.....	.....	8.0
Burkes Garden	.....	T.	4.0	2.0	6.0	2.0	T.	1.0	.....	15.0
Callaville	.....	.....	3.0	T.	T.	1.0	.....	.....	.....	4.0
Cape Henry	.....	.....	T.	0.1	T.	1.0	.....	.....	.....	1.1
Catawba	.....	.....	1.5	3.0	0.5	3.5	T.	.....	.....	8.5
Charlottesville	.....	.....	1.0	2.0	1.5	3.5	.....	.....	.....	8.0
Clarksville	.....	.....	2.0	T.	T.	T.	.....	.....	.....	2.0
Columbia	.....	.....	1.0	2.0	T.	3.0	.....	.....	.....	6.0
Culpeper	.....	.....	T.	5.0	0.3	T.	.....	.....	.....	5.3
Dale Enterprise	.....	.....	1.0	6.0	2.0	2.0	T.	T.	.....	11.0
Danville	.....	.....	0.7	0.5	T.	.....	.....	.....	.....	1.2
Diamond Springs	.....	.....	.....	.....	.....	1.0	.....	.....	.....	1.0
Dry Bridge	.....	.....	3.0	2.0	T.	2.0	.....	.....	.....	7.0
Eastville	.....	.....	0.5	0.5	.....	4.0	.....	.....	.....	5.0
Elk Knob	.....	.....	1.0	2.0	5.0	.....	T.	.....	.....	8.0
Fredericksburg	.....	.....	1.0	2.5	T.	1.5	.....	.....	.....	5.0
Hampton	.....	.....	1.0	.....	.....	1.5	.....	.....	.....	2.5
Hot Springs	.....	.....	0.4	4.5	T.	1.0	.....	.....	.....	5.9
Ivanhoe	.....	.....	0.3	3.0	0.2	2.5	T.	.....	.....	6.0
Ivor	.....	.....	2.5	.....	.....	2.0	.....	.....	.....	4.5
Lassiter	.....	.....	1.5	T.	.....	4.0	.....	.....	.....	5.5
Lexington	.....	.....	0.5	4.0	1.1	3.5	T.	.....	.....	9.1
Lincoln	.....	.....	T.	5.0	.....	1.0	.....	T.	.....	6.0
Lynchburg	.....	.....	1.0	2.5	1.3	2.1	.....	.....	.....	6.9
Max Meadows	.....	.....	3.5	3.0	1.5	3.0	T.	T.	.....	11.0

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Virgin—Continued.										
Mendota			2.0	3.0						5.0
Mountain Lake			3.0	8.0	5.0	4.0		0.1		20.1
Mount Weather			0.4	5.5		1.0	T.	T.		6.9
Newport News			3.0	1.5		2.0				6.5
Norfolk			0.5	0.3	T.	1.2				2.0
Onancock			(*)	(*)	(*)		(*)	(*)		
Petersburg			(*)	(*)		2.2				
Quantico			1.0	4.0	(*)	0.1	(*)	(*)		5.1
Radford			1.0	5.0	(*)	(*)				
Randolph			1.3	T.		T.				1.3
Richmond			2.0	0.2	0.4	3.1				5.7
Roanoke			2.2	3.8	0.5	1.5	T.			8.0
Rocky Mount			1.0	2.0	T.	T.				3.0
Ruckersville			1.4	3.0	T.	2.0				6.4
Speers Ferry			2.0	2.0	2.0		T.	T.		6.0
Spottsville			2.5	0.1		2.0				4.6
Staunton			1.0	3.0	1.0	3.0	T.	T.		8.0
Warsaw			4.0	3.0		3.0				10.0
Williamsburg			2.0	T.		3.5				5.5
Winchester				7.5		0.1		T.		7.6
Woodstock			T.	5.5	T.	0.3	T.			5.8
Wytheville			2.1	5.0	1.0	1.5	T.	1.0		10.6
Washington.										
Aberdeen				4.0	15.0	T.	4.0	T.		23.0
Anacortes					7.5		4.5			12.0
Baker			0.9	9.4	70.5	4.0	T.			84.8
Bellingham					21.4		T.			21.4
Bellingham (near)					22.0					22.0
Blaine					27.0	0.4	0.1			27.5
Blewett		20.0	17.0	66.0	68.0	18.0	5.0		(*)	
Brewster		0.5	0.2	7.0	15.5	5.0	T.	T.		28.2
Bumping Lake		17.0	34.0	79.0	71.0	14.0	22.5	4.5		242.0
Cedar River				0.3	(*)	0.4	3.3			
Centralia				0.5	10.5	T.	0.5			11.5
Clearbrook				0.2	64.5		2.0			66.7
Cle Elum		2.0	2.0	53.0	62.5	16.0	8.5	0.8		144.8
Colfax				6.0	47.5	6.5	17.2	T.		77.2
Colville		0.2	0.9	9.7	24.1	0.3	2.4			37.6
Conconully		6.5	T.	10.2	17.5	6.0	0.3	T.		40.5
Cowiche		T.	T.	5.7	17.5	7.0	1.0			31.2
Davenport		1.0		6.5	26.0	4.0	1.5			39.0
Dayton			T.	T.	31.8	14.2	14.5			60.5
Deer Park		T.	T.	24.4	27.5	2.7	2.0	T.		56.6
Detroit					9.0	T.	T.			9.0
Dixie		3.0	11.4	20.5	82.3	15.9	50.0	6.0		189.1
Dryden		4.5	1.0	54.5	43.9	15.0	0.7	1.0		120.6
Ellensburg				11.5	19.5	10.5	1.0	0.5		43.0
Forks				T.	(*)	0.4	5.0			
Fort Simcoe		(*)	(*)	(*)	25.5	3.5	1.5			
Gerome		T.		7.3	28.0	(*)	(*)		(*)	
Goat Lake		13.0	5.0	88.0	104.0	36.0	55.5	24.0		325.5
Gold Basin			2.0	(*)	69.4	2.0	(*)	2.0		
Gold Creek			7.0	25.5	21.0	6.0	8.5			68.0
Gold Hill	(*)	(*)	(*)	102.0	43.0	23.0	49.0	17.0	(*)	
Goldendale				(*)	32.5	1.5	4.0			
Guler	(*)	(*)		50.2	98.9	8.7	9.4	2.0	(*)	
Hanford				(*)	12.0	2.5	0.4			
Hatton			T.	0.5	18.5	3.5	T.	T.		22.5
Huntsville				1.0	48.7	10.0	3.0			62.7
Irene Mountain		6.5	4.5	12.7	13.7	4.1	2.2	1.5		45.2
Kennewick				0.5	(*)	2.0	T.			
Kent					18.3	T.	3.0			21.3
Kettle Falls		(*)	1.0	16.0	27.0	1.0	3.0			
Kiona	(*)	(*)	(*)		20.5	1.5				
Kosmos				8.0	62.0		18.0			88.0
La Center				0.9	17.2	(*)	5.5			
La Crosse			T.	2.5	41.5	9.5	7.0			60.5
Lake Cleallum		2.0	8.5	85.5	88.0	20.0	10.0	T.		214.0

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Washington—Continued.										
Lake Kachess	.....	4.0	25.0	86.5	111.0	21.0	20.0	3.0	.....	270.5
Lake Keechelus	.....	7.3	21.7	134.0	119.5	25.9	38.3	3.0	.....	349.7
Lakeside	.....	T.	0.5	10.0	17.0	4.0	0.5	T.	.....	32.0
Laurel	.....	1.2	.....	29.0	70.4	5.0	3.3	.....	.....	108.9
Laurier	.....	1.0	2.5	12.5	29.7	1.4	7.0	T.	.....	54.1
Lone Tree	.....	.....	.....	.....	3.5	.....	3.5	.....	.....	7.0
Lost Creek	.....	.....	.....	7.0	10.5	3.0	T.	.....	.....	20.5
McConihe	.....	.....	T.	4.5	6.4	1.5	T.	.....	.....	12.4
McCumbers Ranch	.....	.....	T.	29.0	48.0	4.0	.....	.....	.....	81.0
Moses Lake	.....	.....	.....	2.5	14.5	(*)	T.	.....	.....	.....
Mottinger	.....	.....	.....	.....	8.5	6.5	T.	.....	.....	15.0
Mount Pleasant	.....	T.	T.	2.5	13.0	4.0	3.5	2.0	.....	25.0
Moxee	.....	.....	.....	0.5	35.4	7.3	T.	.....	.....	43.2
Newport	.....	.....	1.0	24.0	37.5	2.5	6.0	0.5	.....	71.5
Nighthawk	.....	10.0	9.9	9.8	14.5	6.7	6.0	2.5	.....	59.4
North Head	.....	.....	.....	.....	1.3	.....	T.	.....	.....	1.3
Northport	.....	.....	3.0	17.0	32.2	1.0	4.0	.....	.....	57.2
North Sundale	.....	.....	.....	0.5	16.5	1.0	(*)	.....	.....	.....
North Yakima	.....	.....	.....	2.1	12.3	6.1	0.2	.....	.....	20.7
Odessa	.....	.....	.....	4.5	25.5	2.0	3.0	T.	.....	35.0
Olga	.....	.....	.....	1.5	9.0	T.	T.	.....	.....	10.5
Olympia	.....	.....	.....	.....	17.5	(*)	1.0	.....	.....	.....
Omak	.....	.....	.....	2.1	12.0	2.0	T.	.....	.....	16.1
Oroville	.....	T.	2.0	4.5	7.6	.....	T.	.....	.....	14.1
Peola	.....	3.7	5.6	21.8	64.1	14.7	25.1	12.0	.....	147.0
Pomeroy	.....	.....	T.	T.	50.0	10.5	8.0	.....	.....	68.5
Port Crescent	.....	.....	.....	0.2	13.5	0.2	0.6	.....	.....	14.5
Port Townsend	.....	.....	.....	.....	1.4	0.2	0.5	.....	.....	2.1
Pullman	.....	.....	.....	6.0	49.5	10.5	15.0	.....	.....	81.0
Queets River	.....	.....	.....	0.2	9.0	0.1	3.1	.....	.....	12.4
Quiniault	.....	.....	.....	.....	18.5	.....	1.0	.....	.....	19.5
Republic	.....	6.0	2.0	12.5	17.5	(*)	.....	.....	.....	.....
Rex Creek	.....	.....	.....	40.5	40.0	.....	T.	.....	.....	80.5
Robertsville	.....	.....	T.	31.5	(*)	(*)	(*)	(*)	(*)	.....
Rock Lake	(*)	(*)	(*)	9.5	(*)	(*)	(*)	(*)	(*)	.....
Rosalia	.....	.....	.....	7.0	32.1	3.9	5.2	.....	.....	48.2
Russells Ranch	.....	3.5	14.0	72.4	62.9	13.4	17.1	T.	.....	183.3
Seattle	.....	.....	.....	T.	11.5	1.5	3.2	T.	.....	16.2
Sedro Woolley	.....	.....	.....	0.2	12.0	(*)	.....	.....	.....	.....
Sixprong	.....	.....	.....	.....	13.5	2.5	.....	.....	.....	16.0
Skagit Power Dam	.....	.....	1.0	(*)	89.0	.....	(*)	.....	.....	.....
Snohomish	.....	.....	.....	.....	21.0	.....	8.0	.....	.....	29.0
Snoqualmie Falls	.....	.....	.....	1.0	26.5	2.5	5.0	.....	.....	35.0
Snoqualmie Pass	.....	21.0	71.0	177.0	185.0	41.0	51.0	30.0	.....	576.0
Snyders Ranch	.....	9.0	8.0	54.0	25.0	3.0	2.0	.....	.....	101.0
South Bend	.....	.....	.....	T.	(*)	.....	(*)	.....	.....	.....
Spokane	.....	T.	0.3	9.1	35.2	8.1	0.7	T.	.....	53.4
State University	.....	.....	.....	T.	11.8	(*)	3.0	.....	.....	.....
Stokes Ranch	.....	16.2	16.0	45.4	20.1	6.8	4.9	.....	.....	109.4
Sumner	.....	.....	.....	T.	15.3	T.	3.1	.....	.....	18.4
Sunnyside	.....	.....	.....	0.3	13.2	4.3	T.	.....	.....	17.8
Tacoma	.....	.....	.....	3.0	23.0	1.7	2.8	.....	.....	30.5
Tacoosh Island	.....	.....	.....	0.2	4.1	0.3	4.0	.....	.....	8.6
Tieton Canyon	.....	1.3	2.6	18.2	24.4	5.6	5.0	.....	.....	57.1
Touchet	.....	.....	.....	.....	7.5	7.5	(*)	.....	.....	.....
Touchet Ridge	.....	6.8	12.0	20.3	85.0	23.5	32.5	T.	.....	180.1
Trinidad	.....	.....	.....	5.0	9.0	3.0	.....	.....	.....	17.0
Vancouver	.....	.....	.....	T.	13.7	.....	1.0	.....	.....	14.7
Vashon Island	.....	.....	.....	.....	7.5	T.	T.	.....	.....	7.5
Wahluke	.....	.....	.....	.....	16.7	0.5	.....	.....	.....	17.2
Wallace	.....	17.5	8.6	8.5	17.2	6.2	6.0	T.	.....	64.0
Walla Walla	.....	.....	T.	0.2	15.8	12.0	4.4	.....	.....	32.4
Washougal	.....	.....	.....	T.	17.0	1.0	2.5	.....	.....	20.5
Waterville	.....	3.0	5.0	15.6	19.5	7.0	3.5	2.0	.....	55.6
Wenatchee	.....	.....	.....	13.0	14.0	2.0	.....	.....	.....	29.0
Wenatchee, near	.....	1.8	1.0	15.8	18.8	6.0	0.5	T.	.....	43.9
White Salmon	.....	.....	.....	.....	(*)	(*)	1.5	.....	.....	.....
Wilbur	.....	T.	.....	5.0	24.0	2.5	4.5	.....	.....	36.0
Wind River	.....	.....	.....	20.0	99.0	12.0	16.0	T.	.....	147.0

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Washington—Continued.										
Winthrop		13.0	4.8	(*)	17.8	5.0	T.	T.		
Yacolt				3.2	31.9	1.7	7.6			44.4
Yale				6.0	30.5	0.5	1.0			38.0
West Virginia.										
Bancroft			0.2	6.8	3.0	3.8	1.2			15.0
Bayard		T.	2.6	15.5	20.5	8.0	9.5	2.0		58.1
Beckley			6.0	6.0	5.0	5.0	2.0	T.		24.0
Bens Run				4.5	4.0	9.0	3.0			20.5
Bluefield				(*)	(*)	(*)	(*)			
Brandonville					(*)	(*)	3.0	(*)		
Buckhannon			T.	7.0	5.0	5.0	3.0			20.0
Burlington			T.	10.0	3.0	3.0	T.	T.		16.0
Cairo			T.	7.6	3.0	6.0	2.0			18.6
Central Station			T.	5.0	7.0	3.8	2.0			17.8
Charleston			1.0	7.0	4.0	0.2	T.			12.2
Cheat Bridge			3.0	11.5	(*)	(*)	(*)	4.0		
Cortland		(*)	(*)	13.0	(*)	13.0	(*)	(*)	(*)	
Creston			T.	5.5	5.5	4.2	1.5			16.7
Cuba			T.	5.5	3.5	4.2	1.0			14.2
Davis			2.5	17.5	16.0	16.0	15.3	1.0		68.3
Doane				8.0	(*)	(*)	(*)	(*)		
Elizabeth			(*)	(*)	(*)	(*)	(*)	(*)		
Elkhorn			2.7	4.5	6.0	2.0	T.			15.2
Elkins			0.6	10.7	2.1	4.6	3.2	T.		21.2
Fairmont			0.4	7.0	6.0	5.5	2.5			21.4
Glenville			0.2	6.0	2.0	4.0	0.5			12.7
Grafton			T.	5.0	4.5	6.0	1.0			16.5
Green Sulphur Springs			3.0	7.0	2.0	1.5	0.2			13.7
Harpers Ferry				5.2	3.0	1.5	(*)	(*)		
Hinton			1.0	5.0	0.5	1.0	T.			7.5
Holcomb			5.2	15.5	14.0	6.0	8.5			49.2
Huntington			0.5	5.0	1.5	1.2	0.4			8.6
Lewisburg			1.5	3.0	7.0	5.0	T.			16.5
Logan			0.5	6.5	3.5	2.5	1.0			14.0
Lost City			1.0	8.5	1.0	1.5	T.	T.		12.0
Lost Creek			0.5	6.0	3.5	6.0	2.8			18.8
Madison		(*)	(*)	(*)	(*)	(*)	2.0	T.		
Mannington			0.6	4.9	8.5	5.6	2.5			22.1
Marlington			T.	8.0	4.0	1.0	T.	1.0		14.0
Martinsburg				8.0	2.0	3.0	T.			13.0
Moorefield			T.	9.0	2.0	1.0	T.	(*)		
Morgantown			0.5	6.0	6.0	3.0	2.0			17.5
Moundsville			T.	3.5	(*)	6.5	1.5			
New Cumberland			T.	2.0	6.0	3.0	T.			11.0
New Martinsville			T.	3.5	(*)	(*)	1.0			
Nuttallburg			2.5	16.0	8.0	2.0	4.0			32.5
Osceola			2.2	17.1	18.8	(*)	13.3	(*)	(*)	
Parkersburg			T.	3.3	3.5	4.1	0.6			11.5
Parsons			T.	12.0	11.0	8.5	8.0	T.		39.5
Philippi		T.	1.6	12.0	10.8	5.2	4.8			34.4
Pickens		T.	8.0	18.0	18.0	16.5	28.0	1.0		89.5
Point Pleasant			T.	5.0	3.0	5.0	1.0			14.0
Powellton			1.2	12.5	6.2	2.0	6.0			27.9
Princeton			4.0	9.0	12.0	3.0	2.0	T.		30.0
Robertsburg			T.	5.0	3.0	2.5	T.			10.5
Rowlesburg			1.1	11.1	9.0	6.0	2.0			29.2
Ryan			0.7	5.7	5.0	3.6	4.1			19.1
Saint Marys				3.5	5.0	4.0				12.5
Smithfield			T.	4.5	8.5	8.5	5.0			26.5
Spencer			T.	8.0	5.0	8.6	1.4			23.0
Sutton			T.	7.0	(*)	4.2	1.5			
Terra Alta		T.	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Union			1.0	4.0	3.0	(*)	T.			
Upper Tract				7.0	(*)	(*)	(*)			
Valley Fork	(*)	(*)		6.5	(*)	(*)	(*)	(*)		
Webster Springs			(*)	(*)	(*)	(*)	(*)	T.		
Wellsburg				6.0	10.5	9.4	2.0			27.9

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
West Virginia—Continued.										
Weston	(*)	(*)	1.4	6.6	7.4	8.0	6.8	(*)	.....	.....
Wheeling	.....	.....	T.	5.2	6.3	9.3	3.1	.....	.....	23.9
Williamson	.....	.....	T.	4.0	3.0	0.5	T.	.....	.....	7.5
Wisconsin.										
Antigo	T.	.....	6.5	12.2	7.4	12.2	6.7	4.0	.....	49.0
Appleton	.....	.....	2.0	4.0	15.7	12.9	10.8	1.5	.....	46.9
Ashland	.....	.....	3.5	18.0	5.5	8.1	14.4	3.5	.....	53.0
Barron	.....	T.	1.0	10.0	4.5	9.0	14.2	1.0	.....	39.7
Bayfield	T.	.....	2.0	(*)	3.2	(*)	(*)	(*)	.....	.....
Beloit	.....	.....	1.0	1.0	6.0	6.0	5.0	.....	.....	19.0
Big St. Germain Dam	.....	.....	6.5	10.8	9.7	10.7	15.0	7.2	.....	59.9
Brodhead	.....	.....	T.	1.1	13.0	8.0	15.0	T.	.....	37.1
Burnett	.....	.....	1.0	T.	12.0	11.2	6.8	1.0	.....	32.0
Cecil	.....	.....	5.0	11.0	14.5	12.0	11.0	2.0	.....	55.5
Cornell	.....	.....	T.	T.	1.9	(*)	(*)	(*)	.....	.....
Cornucopia	T.	.....	(*)	(*)	(*)	(*)	(*)	3.5	.....	.....
Cottage Grove	.....	.....	0.9	2.3	17.5	8.3	7.6	1.2	.....	37.8
Crandon	T.	.....	(*)	(*)	6.5	15.5	6.0	7.0	.....	.....
Darlington	.....	.....	T.	1.0	11.0	4.0	5.0	.....	.....	21.0
Deerskin Dam	T.	T.	2.5	5.5	6.4	17.9	23.0	2.1	.....	57.4
Delavan	.....	.....	1.0	2.5	12.8	3.8	6.0	T.	.....	26.1
Dodgeville	.....	.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.....
Downing	.....	.....	T.	13.0	10.0	10.0	21.0	.....	.....	54.0
Eau Claire	.....	T.	0.1	8.7	6.3	16.1	11.2	2.0	.....	44.4
Florence	T.	.....	5.0	7.5	4.0	17.5	20.0	T.	T.	54.0
Fond du Lac	T.	.....	3.5	1.5	20.8	12.5	11.0	T.	.....	49.3
Glen Flora	T.	.....	1.6	10.1	7.2	12.0	11.5	3.5	.....	45.9
Grand Rapids	.....	.....	1.2	3.0	12.7	10.8	5.8	2.6	.....	36.1
Grand River Locks	.....	.....	T.	2.5	16.0	10.0	6.0	1.5	.....	36.0
Grantsburg	T.	T.	1.5	10.0	7.5	6.0	10.0	2.0	.....	37.0
Green Bay	.....	.....	1.0	4.9	13.0	17.2	8.9	0.5	.....	45.5
Hancock	.....	.....	T.	4.0	14.0	10.0	9.0	.....	.....	37.0
Hatfield	.....	.....	T.	4.0	7.8	12.5	7.2	3.5	.....	35.0
Hayward	.....	(*)	2.2	11.2	14.0	17.0	20.0	6.0	.....	.....
High Falls	.....	.....	3.5	8.2	11.4	17.0	7.7	T.	.....	47.8
Hillsboro	.....	.....	T.	0.2	16.5	8.0	6.0	1.0	.....	31.7
Iron River	.....	.....	10.0	30.0	14.5	24.0	29.6	2.0	.....	110.1
Kewaunee	.....	.....	4.5	1.0	16.5	13.6	11.7	0.5	.....	47.8
Koepenick	T.	.....	18.0	14.0	10.0	10.0	9.0	13.0	.....	74.0
La Crosse	.....	.....	0.1	0.8	14.9	11.6	5.1	0.6	.....	33.1
Lake Mills	.....	.....	0.4	2.4	13.6	6.0	8.6	0.2	.....	31.2
Lancaster	.....	.....	T.	0.5	13.5	7.0	5.5	.....	.....	26.5
Long Lake	T.	.....	4.0	8.4	7.5	14.9	9.5	7.0	.....	51.3
Madison	.....	.....	0.2	1.2	16.2	8.9	6.9	0.5	.....	33.9
Manitowoc	.....	.....	3.0	3.2	17.5	11.8	11.8	2.0	.....	49.3
Marshfield	(*)	(*)	(*)	(*)	6.5	7.6	4.1	3.1	.....	.....
Mather	.....	.....	T.	4.5	14.2	14.0	7.0	.....	.....	39.7
Mauston	.....	.....	T.	2.0	11.5	10.5	4.0	.....	.....	28.0
Meadow Valley	.....	.....	T.	3.0	13.0	12.5	8.0	T.	.....	36.5
Medford	.....	.....	1.5	8.0	7.0	10.0	15.5	2.5	.....	44.5
Menasha	T.	.....	0.1	4.0	14.8	9.8	10.5	0.5	.....	39.7
Menomonee Falls	.....	.....	0.6	1.0	12.8	10.8	6.2	T.	.....	31.4
Merrill	.....	.....	1.0	8.0	7.0	10.7	4.8	6.2	.....	37.7
Milwaukee	.....	.....	0.7	1.2	9.7	7.6	5.4	0.5	.....	25.1
Minocqua	T.	T.	2.5	9.0	3.5	11.5	15.0	6.0	.....	47.5
Mondovi	.....	.....	1.6	6.5	9.5	14.1	13.0	6.0	.....	50.7
Mount Horeb	.....	T.	3.6	3.0	15.0	5.0	7.5	T.	.....	34.1
Muscoda	.....	.....	T.	T.	16.0	7.5	5.2	T.	.....	28.7
Neillsville	.....	.....	T.	4.0	4.5	8.0	9.0	T.	.....	25.5
New London	.....	.....	T.	6.0	15.0	14.0	9.0	.....	.....	44.0
New Richmond	.....	.....	T.	9.0	6.0	10.0	30.0	4.0	.....	59.0
Oconto	.....	.....	3.0	10.0	15.0	20.5	16.5	2.0	.....	67.0
Osceola	.....	.....	1.0	9.0	7.3	9.5	10.5	3.0	.....	40.3
Oshkosh	T.	.....	1.0	1.0	12.0	6.0	7.0	1.0	.....	28.0
Park Falls	T.	T.	6.0	11.0	8.0	18.0	18.5	8.0	.....	69.5
Pine River	T.	.....	1.5	5.0	13.3	10.1	8.7	2.3	.....	40.9
Plum Island	.....	.....	T.	3.0	15.0	22.5	15.6	T.	.....	56.1
Plymouth	.....	.....	4.2	4.5	12.6	10.5	9.5	1.6	.....	42.9

Monthly and seasonal snowfall, 1912-1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Wisconsin—Continued.										
Portage	.....	.....	0.2	0.9	14.4	9.4	5.8	0.7	.....	31.4
Port Edwards	.....	.....	0.8	3.0	19.0	18.0	18.0	4.0	.....	62.8
Port Washington	.....	.....	1.5	3.5	10.5	14.0	10.5	0.8	.....	40.8
Prairie du Chien	.....	.....	T.	0.5	12.0	7.0	4.0	.....	.....	23.5
Prairie du Sac	.....	.....	T.	1.5	11.2	7.2	5.9	T.	.....	25.8
Prentice	T.	.....	3.0	8.5	7.8	4.0	8.5	8.5	.....	40.3
Racine	.....	.....	0.4	1.0	6.5	6.0	8.0	T.	.....	21.9
Rhinelander	T.	.....	7.2	5.2	10.2	8.5	12.2	2.0	.....	45.3
Ripon	.....	.....	0.5	2.5	14.8	9.0	13.8	.....	.....	40.6
Sheboygan	.....	.....	2.0	2.0	20.5	11.5	7.0	T.	.....	43.0
Shullsburg	.....	.....	T.	0.5	12.5	4.0	7.5	.....	.....	24.5
Solon Springs	.....	T.	1.0	22.0	5.0	20.0	14.0	4.0	.....	66.0
Spooner	.....	T.	1.0	6.5	6.0	7.5	9.0	5.0	.....	35.0
Stanley	.....	.....	0.6	(*)	4.0	8.0	3.5	T.	.....	.....
Stevens Point	.....	.....	0.5	6.3	7.0	10.0	4.0	0.5	.....	28.3
Sturgeon Bay	.....	T.	7.0	4.0	18.0	17.0	6.0	T.	.....	52.0
Sugar Camp Dam	.....	.....	2.0	14.0	2.0	10.0	14.5	.....	.....	42.5
Superior	.....	.....	1.0	8.8	2.1	4.8	14.5	3.0	.....	34.2
Tomahawk	(*)	(*)	(*)	(*)	(*)	(*)	8.9	4.0	.....	.....
Trout Lake	T.	T.	4.0	6.3	4.0	5.5	8.4	8.7	T.	36.9
Twin Lakes Dam	.....	T.	1.0	15.0	5.0	14.5	10.8	4.0	.....	50.3
Valley Junction	.....	.....	1.0	2.2	12.0	21.0	8.5	1.0	.....	45.7
Viroqua	T.	.....	1.5	3.5	17.0	6.5	9.0	1.5	.....	39.0
Vudesare	T.	T.	8.5	17.0	11.0	20.0	20.5	8.0	.....	85.0
Watertown	.....	.....	0.5	2.5	17.0	9.0	11.5	T.	.....	40.5
Waukesha	.....	.....	0.7	2.0	14.0	11.0	11.2	T.	.....	38.9
Waupaca	T.	.....	1.0	12.5	16.5	16.0	16.5	1.0	.....	63.5
Wausau	T.	T.	0.5	9.0	7.0	10.5	3.5	2.8	.....	33.3
Weyerhaeuser	.....	T.	2.0	17.0	6.4	8.0	14.5	2.5	.....	50.4
Whitehall	.....	.....	T.	4.0	7.0	14.0	15.0	2.0	.....	42.0
Wyoming.										
Afton	2.0	5.5	2.0	9.0	7.5	10.5	18.0	2.0	2.5	59.0
Alta	3.0	11.8	12.0	14.4	25.9	11.6	20.1	10.7	3.0	112.5
Bedford	3.7	8.6	9.0	12.1	22.8	12.4	24.5	5.7	2.0	100.8
Cheyenne	10.3	9.8	3.2	7.8	5.8	8.3	3.3	4.9	T.	53.4
Centennial	17.6	13.5	3.4	19.6	11.5	28.9	10.5	8.5	0.9	114.4
Chugwater	8.0	5.0	5.0	7.0	4.0	20.0	4.0	2.0	T.	55.0
Clark	T.	2.6	T.	0.5	8.5	7.6	6.9	2.0	3.2	31.3
Cokeville	4.0	6.0	8.0	5.2	9.5	7.0	10.0	5.9	1.5	57.1
Dome Lake	40.5	36.0	16.0	24.0	19.0	19.0	27.0	23.0	4.3	208.8
Dubois	T.	5.1	0.5	0.5	4.5	6.0	11.0	3.5	3.5	34.6
Eaton's ranch	10.0	9.0	6.5	5.1	10.9	11.0	21.5	10.5	2.0	86.5
Echeta	8.0	14.0	T.	T.	15.5	5.0	17.0	3.0	T.	62.5
Elk Mountain	22.5	47.5	7.0	33.0	18.2	33.0	38.5	16.0	1.5	217.2
Ervay	22.5	23.0	4.0	5.4	7.0	15.3	20.0	15.0	1.0	113.2
Evanston	1.0	3.0	4.0	4.0	5.0	9.5	5.5	5.0	2.0	39.0
Fort Laramie	2.8	7.2	3.0	1.5	6.0	14.0	5.0	5.0	.....	44.5
Green River	2.0	7.0	1.2	1.6	1.0	6.1	2.9	1.9	0.3	24.0
Hunters Station	30.0	25.0	3.0	T.	18.0	4.0	27.0	16.0	19.0	142.0
Jireh	3.5	6.0	3.0	7.3	9.5	19.5	10.5	3.0	T.	62.3
Kirtley	9.0	11.5	1.2	.....	3.0	12.0	18.0	2.0	(*)	.....
Knowles	14.2	10.4	0.5	4.4	15.7	7.7	36.7	12.2	0.3	102.1
Lander	5.3	21.4	0.4	6.2	2.2	25.0	16.4	12.4	4.0	93.3
Laramie	10.5	7.4	5.6	9.8	5.5	12.0	1.9	4.1	T.	56.8
Lolabama Ranch	6.0	10.0	1.0	6.0	3.0	3.0	7.3	5.5	3.0	44.8
Lovell	1.0	4.0	.....	T.	6.5	1.0	4.2	(*)	(*)	.....
Newcastle	0.5	4.0	1.0	6.0	9.0	8.0	12.5	1.5	.....	42.5
Pathfinder	12.0	10.3	2.6	15.0	4.0	4.0	3.1	0.5	T.	51.5
Pinedale	4.0	4.0	2.0	10.0	9.0	5.0	1.7	6.0	8.0	49.7
Powell	4.0	2.4	.....	.....	2.0	1.0	1.0	T.	0.2	10.6
Rawlins	3.7	2.0	3.7	7.5	1.7	12.4	7.0	2.5	T.	40.5
Saratoga	2.9	2.5	3.0	7.0	6.5	17.0	6.0	1.5	2.0	48.4
Sheridan	1.6	3.9	3.0	2.2	19.6	5.2	9.7	2.4	0.7	48.3
Shoshone Dam	9.8	3.9	1.2	(*)	5.7	7.9	8.5	4.0	0.5	.....
South Pass City	2.5	11.8	4.2	11.9	15.5	6.0	11.4	4.1	0.6	68.0
Thermopolis	3.0	18.0	0.4	6.3	2.9	3.5	5.5	11.5	4.5	55.6
Wyncote	T.	2.0	T.	T.	0.5	13.0	1.5	2.5	.....	19.5

Monthly and seasonal snowfall, 1912–1913—Continued.

Stations.	1912				1913					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Wyoming—Continued.										
Yellowstone Park	1.9	13.2	9.0	14.9	26.8	4.7	20.1	3.5	6.9	101.0
Grand Canyon	7.0	26.5	8.0	23.9	(*)	3.0	20.0	8.0	6.0	.....
Lake Hotel	(*)	25.4	20.8	20.4	38.5	5.5	43.0	21.0	15.6	.....
Fairview Dome	3.0	17.6	15.0	17.1	26.0	13.0	15.5	5.5	4.5	117.2
Snake River	0.4	10.8	11.7	38.0	44.5	33.0	42.0	7.0	3.0	190.4
Tower Falls	3.6	7.0	6.9	19.8	29.7	4.5	29.0	4.0	(*)	.....
Canadian stations.										
St Johns, Newfoundland	.....	T.	3.0	9.0	21.0	13.0	9.0	8.0	.....	63.0
Sydney, Cape Breton Island	.....	T.	13.0	9.0	12.5	39.0	12.5	3.5	.....	89.5
Halifax, Nova Scotia	.....	.....	6.2	19.5	6.3	16.3	8.0	1.0	.....	57.3
Yarmouth, Nova Scotia	.....	.....	12.2	7.7	1.2	16.3	3.5	1.1	.....	42.0
Charlottetown, Prince Edward Island	.....	.....	7.7	8.5	10.9	22.5	12.7	7.1	.....	69.4
Chatham, New Brunswick	.....	.....	13.6	9.6	14.7	18.4	23.5	7.1	.....	86.9
Father Point, Quebec	.....	.....	33.0	10.2	29.2	14.3	15.0	13.0	.....	114.7
Quebec, Quebec	.....	.....	15.8	17.5	17.6	25.9	19.9	2.0	.....	98.7
Montreal, Quebec	0.1	.....	22.1	14.1	22.5	22.4	19.1	2.3	.....	102.6
Stonecliffe, Ontario	T.	.....	9.4	6.0	7.4	2.9	1.9	0.4	.....	28.0
Ottawa, Ontario	.....	.....	38.8	17.4	21.4	20.9	22.9	4.2	.....	125.6
Kingston, Ontario	.....	.....	8.5	7.6	15.8	12.8	8.0	3.1	.....	55.8
Toronto, Ontario	.....	T.	2.2	6.3	11.5	6.6	12.4	0.2	.....	39.2
White River, Ontario	.....	.....	(*)	22.5	(*)	13.5	(*)	1.0	.....	.....
Port Stanley, Ontario	.....	.....	1.4	11.2	7.2	11.2	12.1	0.8	.....	43.9
Southampton, Ontario	T.	.....	6.0	16.4	15.3	31.7	22.1	0.9	.....	92.4
Parry Sound, Ontario	.....	.....	18.2	52.5	30.5	51.0	24.5	3.0	.....	179.7
Port Arthur, Ontario	.....	.....	2.9	6.3	5.1	5.6	12.2	2.2	.....	34.3
Winnipeg, Manitoba	.....	5.7	1.0	7.8	7.5	6.1	3.6	0.7	.....	32.4
Minnedosa, Manitoba	0.1	T.	2.9	8.4	8.3	8.8	3.8	2.1	.....	34.4
Qu'Appelle, Saskatchewan	.....	2.0	4.6	9.4	11.2	11.2	12.1	T.	.....	50.5
Medicine Hat, Alberta	.....	T.	1.4	3.0	(*)	11.1	(*)	4.3	.....	.....
Swift Current, Saskatchewan	.....	1.6	2.0	3.8	4.8	2.9	13.7	2.8	.....	31.6
Calgary, Alberta	T.	3.5	6.8	T.	12.8	5.6	5.0	2.0	.....	35.7
Banff, Alberta	T.	6.1	12.2	3.7	12.1	3.1	14.1	14.6	.....	65.9
Edmonton, Alberta	0.2	3.9	3.8	1.0	24.1	6.2	5.1	5.6	.....	49.9
Prince Albert, Saskatchewan	.....	5.0	9.0	10.7	8.0	8.0	12.0	(*)	.....	.....
Battleford, Saskatchewan	.....	5.0	4.0	5.0	5.0	2.0	3.0	(*)	.....	.....
Kamloops, British Columbia	.....	.....	1.0	4.0	11.0	8.5	1.7	.....	.....	26.2
Victoria, British Columbia	.....	.....	.....	.....	4.5	2.9	1.0	.....	.....	8.4
Barkerville, British Columbia	.....	12.5	23.5	60.1	75.0	16.0	41.5	14.5	.....	243.1
Hamilton, Bermuda	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0