U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

REPORT

OF THE

CHIEF OF THE WEATHER BUREAU

1913–1914

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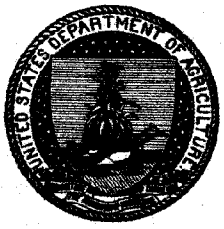

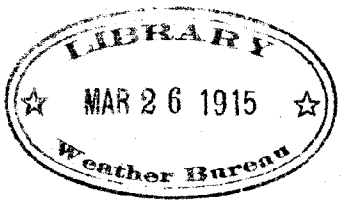

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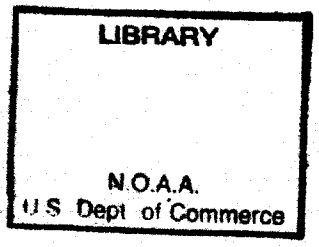

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SEC. 73. Extra copies of documents and reports shall be printed promptly and when the same shall be ready for publication, and shall be bound in paper or cloth, as directed by the Joint Committee on Printing, and shall be of the number following in addition to the usual number:

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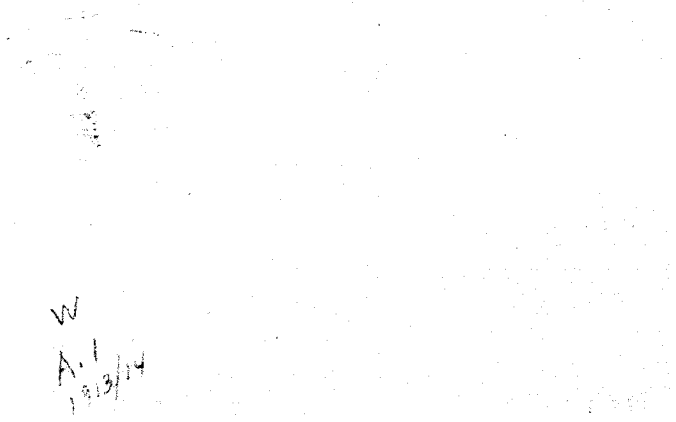

LETTER OF TRANSMITTAL.

UNITED STATES DEPARTMENT OF AGRICULTURE,
WEATHER BUREAU,
Washington, D. C., September 21, 1914.

SIR: I have the honor to submit a report of the operations of the Weather Bureau during the fiscal year ended June 30, 1914.

Respectfully,

C. F. MARVIN,
Chief of Bureau.

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

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PART I.

ADMINISTRATIVE REPORT.

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REPORT

OF THE

CHIEF OF THE WEATHER BUREAU.

The last year has been comparatively free from severe storms or floods such as sometimes occur. A destructive storm passed over the Great Lakes early in November, 1913, causing heavy loss of life and shipping, especially on Lakes Huron and Erie. Also in the Southwest the heavy rains of December, 1913, falling upon a soil already saturated, caused severe and in some cases unprecedented floods in the rivers of Texas.

A number of changes, mostly of a minor character, have been effected in the work of the bureau for the purpose of improving and extending the service or securing greater economies of administration. The several classes of its work are briefly discussed under separate topics, as follows:

STATIONS AND OBSERVATIONS.

The fully equipped stations of the bureau reporting telegraphically once or twice each day are maintained primarily for forecasting and storm-warning purposes, and the existing stations of this character within the immediate confines of the United States serve practically all existing needs. Extensions are necessary within Alaska, the Canal Zone, and the regions of the Caribbean Sea, but these can be made only when additional funds are provided, which will be made the subject of estimates at the proper time.

A number of new minor stations were established during the year at points not hitherto represented, and extensions have been made in special fields from which prompt information regarding weather conditions was desirable.

A new special service for reporting the daily weather conditions over the principal range region of the West, as affecting the live-stock interests, was inaugurated in the spring of 1914. Reports from a number of points in the western Great Plains region are collected daily by telegraph at Amarillo, Tex., and thence distributed in bulletin form to the cattle and financial interests of the surrounding country. This service has elicited much approval.

Action was taken during the year to improve the instrumental equipment exposure at the cooperative meteorological stations, especially those established in the sparsely settled districts of the more western States.

WATER RESOURCES DETERMINED BY SNOW SURVEYS.

The work of determining the water content of the blanket of snow which remains on the ground at high altitudes in some of the Western States, inaugurated in Utah a few years ago, was extended during 1913–14 into one watershed each in the States of Idaho and Nevada.

Intensive snow surveys for the country in general are not possible with the means available. The bureau is seeking, however, to increase the amount of useful information with respect to the amount of water that will be available from melting snow, through the more general use of a new form of snow scale or stake that can be permanently installed in places that are not easily accessible in the snow season, but which can be visited shortly before the melting season begins. The observations of snow depths obtained by use of these snow stakes, when supplemented by a relatively small number of density measurements, afford the best information concerning the season's water supply from the snow fields of high altitudes that can be obtained short of very laborious and expensive surveys.

Some field work has been done in Arizona on the headwaters of the Salt River, whence comes a large part of the water that supplies the Roosevelt Reservoir. In general, the installation of permanent snow stakes in the higher altitudes, although progressing slowly, is but the beginning of a campaign in the interest of water users that will eventually, it is believed, yield information of the highest importance.

OBSERVATORY BUILDINGS.

Work on the new observatory buildings authorized by Congress for Cincinnati, Ohio, and Sandy Hook, N. J., has progressed favorably. At Cincinnati some delay was experienced in obtaining a site. A very satisfactory location was finally purchased on Lafayette Circle, Clifton suburb. At Sandy Hook a very acceptable site has been obtained on ground closely adjacent to the Fort Hancock military reservation through the courtesy of the War Department. Both buildings are to be brick and of good, substantial character.

TELEGRAPH SERVICE.

Except for temporary interruptions, the several sections of the Weather Bureau telegraph and telephone lines were in continuous operation during the year.

FORECASTS AND WARNINGS.

During the year reports from Spitzbergen (lat., 78° N.; long., 20° E., approximately) were received by telegraph for the first time. These formed a valuable addition to the telegraphic weather reports from northern Europe and Asia. Wireless reports from newly established stations—Swan Islands (lat. 17½° N.; long., 84° W., approximately) and Cape San Antonio (on the extreme western end of the island of Cuba)—materially aid the forecast official in locating and forecasting the movement of storms of subtropical origin in the Caribbean Sea.

For several years the forecasters at the central office have prepared each day a manuscript weather map of the entire Northern Hemisphere. In view of the great value of such a map, it was deemed advisable to undertake its daily publication in the hope that by placing it in the hands of many meteorologists and scientists, both at home and abroad, the serious scientific and mathematical study of the great and complex problems of the general circulation of the atmosphere would be materially facilitated. This publication was begun January 1, 1914, and elicited numerous expressions of enthusiasm from eminent meteorologists of the United States and Europe. Unfortunately the complete suspension of the telegraphic transmission of the foreign reports with the opening of hostilities in the European countries, beginning July 31, prevented the further issue of this valuable record of atmospheric conditions.

Better data for forecasting frosts for the citrus districts are now available from new reporting stations in California and Florida. These will result in improving the methods of utilizing and distributing the warnings. The new stations are in orchards, and the temperatures reported are those to which the trees and fruits are exposed. This gives the forecaster definite information of conditions in the orchards. In the Rogue River and Yakima Valleys and the Boise (Idaho) Basin the bureau has observers on the ground during the frost season who amplify the district forecasts and apply them specifically to restricted neighborhoods. When growers make preparations to protect their orchards by modern artificial methods of heating or otherwise, the frost forecasts become indispensable. The plan in these localities is to have a number of substations equipped with thermometers and rain gages, the local observer making daily report to the forecaster.

A new service is just being inaugurated whereby warnings will be issued during the summer of the coming of hot dry winds in the valuable timbered regions of the West—that is, warnings of atmospheric conditions that are peculiarly favorable to the inception and spread of forest fires. The forecasting of these winds is as yet tentative and experimental, and the final practicability of the service is yet to be established.

Through cooperation with the naval radio service of the Navy Department, a daily distribution of wind forecasts and storm warnings is now regularly made from two points—Radio, Va., and Key West, Fla.—for the Gulf of Mexico and the western portion of the Atlantic Ocean. During the year arrangements were completed to have a similar service for the Great Lakes. By this means valuable information is placed in the hands of vessel masters while at sea.

The study of meteorological data with a view to increasing the percentage of accuracy of the daily and the weekly forecasts, and, if possible, extending the forecast period beyond one week, will be continued.

Two notable contributions to the technical forecasting work of the service are now far advanced toward completion. The first is a study by Messrs. E. H. Bowie and R. H. Weightman, resulting in a system of normals showing the mean 24-hour movements by 5-degree squares of storms in the United States, classified into 9 types. This was completed during the year and will shortly be published as a supplement to the Monthly Weather Review. The second is a series of essays on weather forecasting by a large number of the best and most experienced forecasters of the Weather Bureau. These are now in the hands of a competent editor in chief, with advisory assistants, for the preparation of a handbook or manual on weather forecasting in the United States, to serve as a textbook and guide to all the men in the service desiring to qualify and become proficient in forecasting.

RIVER AND FLOOD SERVICE.

The occupation of agricultural lands and the building of towns and cities along the river bottoms of Oklahoma within the last 20 years has made it necessary to establish a flood-warning service on the principal rivers of that State. Such a service was completed on April 15, 1914, in time, fortunately, to give ample warning of a destructive flood that swept down the Canadian River during the first week of May, 1914.

Minor changes have been made in the Columbus, Ohio, Cairo, Ill., and Houston, Tex., districts, with a view to improving the distribution of flood warnings.

The absence of destructive storms and floods generally has already been mentioned. The severe and in some cases unprecedented floods in the rivers of Texas in December, 1913, however, caused a loss of 177 human lives and a property loss of approximately eight and a half millions of dollars.

The plan of reducing to writing the knowledge gained by the several officials of the bureau in the forecasting of floods has been continued during the year, and rules for the preparation of flood forecasts for the Mississippi at St. Louis and for the Susquehanna at Wiallimsport and Harrisburg, Pa., have been completed and put into practical use. These rules are useful not only in the daily work of the station, but also serve the purpose of preserving and transmitting to others the methods of the most successful flood forecasters.

In its hydrographic work the Weather Bureau cooperates with other branches of the public service whenever it is practicable to do so; thus, if the gaging of a stream at any point is helpful to another department, the expense of the upkeep is shared with that department. Mutually helpful working arrangements are in force with the United States Engineers, the Mississippi River Commission, the Water Resources Branch of the Geological Survey, the Reclamation Service, the Indian Office, and the Forest Service of the Department of Agriculture.

METEOROLOGICAL RECORDS AND PUBLICATIONS.

The customary serial and other publications of the bureau were issued during the year. Bulletin Y, The Ohio and Mississippi Floods of 1912, by H. C. Frankenfield, and Bulletin Z, The Floods in the Rivers of the Ohio and Lower Mississippi Valleys, by Alfred J. Henry, complete the lettered series of bulletins of the Weather Bureau heretofore published in quarto form. Material of this character will be printed hereafter as supplements to the Monthly Weather Review.

The demand for Weather Bureau literature, especially from schools and colleges and from foreign applicants, has been very large and bears witness to the constantly growing appreciation of the work of the bureau on the part of students, scientists, and the general public.

CHANGES IN SERIAL PUBLICATIONS.—The compilation of climatological data for reference study and publications went forward as usual during the year.

In response to a general desire for the presentation of climatological data by States rather than by large drainage areas, the publication of such data by State units was resumed. This change went into effect with the issue of climatological data by State units for January, 1914. At the same time the Monthly Weather Review was restored to its form of the period prior to July 1, 1909, which was essentially that of a meteorological journal, and the so-called Bulletin of the Mount Weather Observatory, upon the completion of volume 6, was consolidated with the Monthly Weather Review.

The scope of the national weather bulletin was enlarged during the year by the introduction of information regarding the progress of crop growth and development. The form of the bulletin was also changed from that of a single large sheet to a pamphlet, quarto size, and its value further increased by the addition of diagrams showing for preceding weeks the temperature and precipitation conditions and comparison with normal value over principal crop-growing areas. The diagram also contained data showing the condition of the principal crops from month to month as furnished by the Bureau of Statistics (Crop Estimates).

In October, 1913, the Weather Bureau, in cooperation with the Bureau of Statistics, began publishing monthly summaries of condition of the various crops for each State in the Union. These summaries have been telegraphed monthly from the Bureau of Statistics in Washington to the several State centers of the Weather Bureau, where they are promptly printed and distributed to the press and public.

A further dissemination of weather and crop information each week has been inaugurated by telegraphing in condensed form a summary of the more important matters appearing each Tuesday in the weekly bulletin to the corn and wheat and cotton region centers distributing daily bulletins. These summaries are printed at the various stations receiving them and are promptly distributed.

Considerable work was accomplished during the year, in cooperation with the Bureau of Plant Industry, in certain investigations being carried forward by that bureau, concerning the relation of farm enterprises to geographical factors. This bureau has assisted in the work by compiling and checking a large amount of the climatological data, particularly records of precipitation and frost.

LIBRARY.

Additions to the library during the year numbered 1,167 books and pamphlets, bringing the strength of the collection up to about 34,000.

The bureau is gradually building up a collection of the most important meteorological works, old and new, at its station in Chicago. These books are useful to the large staff of the Chicago station, and are also available for loan to other stations as needed.

The promotion examinations heretofore held under the direction of the librarian, as supervising examiner, in grammar, arithmetic, elementary meteorology, essay writing, algebra, and trigonometry were abolished in August, 1913. The examinations in physics, astronomy, and advanced meteorology were retained, but they are now required only of employees who desire advancement to the scientific grades of the service, while the examination in plant physiology is retained as an optional examination for employees desiring to undertake work in agricultural meteorology. The number of examination papers rated during the fiscal year was 55, of which 44, or 80 per cent, attained passing grades.

TECHNICAL STUDIES AND RESEARCH.

Aerial observations by means of kites and balloons and the measurement of solar radiation were continued as heretofore, chiefly at Mount Weather, although preparations were made for the transfer of this work to the Middle West.

The following extracts from the report of Prof. W. R. Blair, in charge of the aerial investigations, indicate the status of that work:

THE DIURNAL CONVECTIVE SYSTEM.—All observations made at Mount Weather and elsewhere in the study of this system have been summarized and published in the Bulletin of the Mount Weather Observatory, volume 6, part 6.

INTERNATIONAL COOPERATION.—During the year free-air observations were made on days selected by the International Commission. The data obtained in these observations have been sent to the commission for study and publication. All data obtained on "international days" not elsewhere published by us, will appear in the July, 1914, number of the Monthly Weather Review.

THE FIVE-YEAR SUMMARY.—This summary of the data obtained at Mount Weather in the five years ending June 30, 1912, has been completed and published in the Bulletin of the Mount Weather Observatory, volume 6, part 4.

MOUNTS WILSON AND WHITNEY EXPEDITION.—Preparations for this expedition were all complete in June, 1913. The observations were made in July and August of the same year. The Weather Bureau made aerial soundings with free balloons at Avalon, Cal., throughout the period from July 21 to August 12, and with captive balloons at the base and summit of Mount Whitney from August 2 to 13. In five of the soundings made at Avalon self-recording pyrheliometers, devised and constructed by C. G. Abbot, were carried up in addition to the meteorographs. While these soundings were in progress, the Smithsonian Institution was making observations of the total moisture content of the air above Mount Wilson; also of insolation and nocturnal radiation at Mount Wilson in the early part of the period, at Mount Whitney in the latter part. The records obtained by the pyrheliometers sent up have been discussed by Mr. Abbot in Science, March 6, 1914. The observations of insolation and of nocturnal radiation are being prepared for publication by A. K. Ångström, under whose direction they were made. The data obtained in the aerial soundings have been reduced and prepared for publication. They will appear in the July, 1914, number of the Monthly Weather Review.

TRANSFER OF AERIAL WORK TO THE MIDDLE WEST.—In order to increase the effectiveness of the aerological investigations by means of kites and balloons, steps were taken toward the close of the year to transfer this work from Mount Weather to a point in the Middle West, and the bureau was peculiarly fortunate in this connection in securing the temporary use of the valuable hydrogen generating and aeronautic equipment belonging to the Signal Corps of the Army, located at Fort Omaha, Nebr.

The request of the Secretary of Agriculture to utilize this elaborate plant was generously granted by the Secretary of War, May 11, 1914, and action was immediately taken to generate hydrogen for the purpose of making a large number of balloon ascensions, both for purely meteorological purposes and also in cooperation with the Astrophysical Observatory of the Smithsonian Institution, for the purpose of securing measurements of intensity of solar radiations at great elevations in the free air.

Incidental to the foregoing, search was made for the best possible site in the vicinity of Omaha for the location of a kite-flying station, but no selection was made before the close of the year.

The influence of the wind in lowering the barometer readings at Mount Weather was briefly studied, and certain quantitative results were obtained.

MEASUREMENT OF SOLAR RADIATION.—Certain general, rather definite, conclusions having been reached from the investigations of solar radiation, it appears appropriate to mention briefly some of these presented in the report of Prof. H. H. Kimball, in charge of this work.

The observations have been conducted not only at Mount Weather, but also at Madison, Wis., Lincoln, Nebr., and Santa Fe, N. Mex. Some of the dust thrown into the atmosphere by the eruption of the Katmai Volcano, Alaska, early in June, 1912, still affected radiation intensities until about December, 1913, and air temperatures over the whole Northern Hemisphere seem to be appreciably lowered thereby.

From the extensive studies of total solar and sky radiation received by a horizontal surface it is found that on the average with the clearest sky the heat received per square centimeter varies from 250 calories per day on December 20 to 765 Calories on June 10. On March 20 it is 605 calories, and on September 20 it is 510 calories. In general, the radiation received on clear days during the first half of the year exceeds that received on clear days during the second half by about 8 per cent. This is principally because of the increased water-vapor content of the atmosphere during the latter period.

The total radiation received with the clearest sky during an hour in the middle of the day varies from 45 calories per square centimeter of horizontal surface in December to somewhat over 90 calories in June. It exceeds 60 calories per hour, or 1 calorie per minute, from early in February to the middle of October. The maximum radiation per minute does not occur when the sky is clearest, but when there are clouds near the sun, which, while not obscuring it, reflect its rays toward the earth. A rate of 1 calorie per minute has been recorded in every month except December, a rate of 1.50 calories from early in April to early in September, and a rate of 1.65 calories in May and June.

The photometric measurements with the clearest sky give a midday intensity of 4,500 foot-candles in December and 9,500 foot-candles in June. About one-fourth of this illumination is received diffusely from the sky, while only about one-fifth the radiant heat received at noon is from this source.

Expressed in units of work, the receipt of 1 calorie of heat per minute per square centimeter of area represents 697 watts per square meter, or 0.78 horsepower per square yard, and 1.5 calories per minute, or 90 calories per hour, which

is not an uncommon rate at midday in summer with a clear sky, represents over 1 kilowatt per square meter, or nearly 1.2 horsepower per square yard.

During the summer months at Mount Weather the average daily insolation is about 70 per cent of what would be received were the sky continuously clear.

A detailed study of these various radiation measurements has been prepared for publication in the Monthly Weather Review.

NOCTURNAL RADIATION.—Closely related to the subject of insolation, or the heat received by radiation, at the surface of the earth, is that of irradiation, or the heat lost by radiation from the earth outward. Measurements of the loss of heat from a blackened surface when freely exposed to the sky at night have been made at Mount Weather since May 14, 1914. The maximum rate measured is 0.22 calories per minute, or 13.2 calories per hour, which was obtained on a clear night early in June. The rate has been found to be very uniform during a clear night. Assuming that this rate is maintained during the day, the loss of heat by radiation during 24 hours of clear weather in June may reach 317 calories, or about 40 per cent of the insolation. The average nocturnal radiation during June was less than 60 per cent of this maximum rate, however, and fell off steadily as the water-vapor content of the atmosphere increased with the advance of summer.

PART II.

GENERAL SUMMARY OF THE WEATHER CONDITIONS IN THE UNITED STATES DURING THE YEAR 1913, WITH CHARTS.

LIST OF OBSERVING STATIONS AND CHANGES THEREIN DURING 1913.

SUNSHINE, 1913.

DETAILS OF EXCESSIVE PRECIPITATION, 1913.

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REVIEW OF WEATHER CONDITIONS DURING THE YEAR 1913.

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

The following summary of the weather of 1913 is chiefly based on the synopses in the several issues of the National Weather Bulletin, which appeared weekly during the principal crop-growing period, but monthly for the first three and the last three months of the year.

The most notable feature of 1913 weather, considering the size of area concerned and the effect on crop yield, was the severe drought and hot spell which prevailed from the middle of June till about the 8th of September over the central and southern portions of the Plains region and the Mississippi Valley and over the lower part of the Ohio Valley. This set in at a later date than the heat and drought of 1911, and it covered a smaller expanse of territory; but it was of longer duration, and for deficiency in rainfall it was more marked than the 1911 period. In 1913 most of the winter wheat was beyond the risk of serious injury from dryness before the adverse weather set in, and to a less degree this was true of oats. The crop of corn, on the other hand, was greatly reduced, especially in Kansas, where only about one-seventh of the yield of the preceding year was harvested; likewise there was a severe reduction in the yields of potatoes, tobacco, and most fruits and vegetables. The western third of the cotton belt suffered a considerable reduction in the yield of that staple. The scant supply of stock feed and the exhausted state of pastures in the driest area caused the hasty marketing of an immense quantity of live stock, much of it in poor condition. In effect on human health the 1913 hot weather was not nearly so serious as the hot spells of 1911 and 1901, which were severely felt in most of the great cities of the country, while the heat of 1913 reached, to a notable extent, only a few of the large cities.

A feature of 1913 weather more important to a smaller area, but with no great effect on crop yield, was the short period of excessive rainfall in the latter half of March from the central portion of the Mississippi Valley northeastward over the northern drainage of the Ohio River. The resulting floods were the most disastrous ever known in Ohio, Indiana, and the southeastern part of Illinois, though, owing to the more moderate character of the precipitation in the southern and eastern parts of its watershed, the Ohio River itself at many points did not quite equal the highest stage on record. The rapid and unprecedented rises in the northern tributaries resulted in the loss of several hundred lives, in the destruction of an enormous number of bridges and embankments, and in serious interruption of traffic over a considerable area.

JANUARY.

Temperature.—The month was warmer than normal in the eastern half of the country, but averaged somewhat colder than normal in most of the western half, being in these respects much like the preceding month. In the Atlantic States there had been no January so mild for many years; indeed, at Philadelphia it seems to have been the warmest January since 1790. The temperature deficiency in the far Southwest and California resulted chiefly from a severe cold spell during the first decade, culminating about the 6th and 7th when many stations experienced the coldest weather since reliable records began, and citrous fruits suffered immense damage. In the Northwestern States cold weather prevailed generally till the middle of the month, after which the temperature was usually somewhat milder than normal.

Precipitation.—Near the Atlantic coast January was usually a little less wet than normal, notably from South Carolina to Florida. On the other hand, from the central Gulf coast northward to central Illinois and northeastward to Lake Erie and central Pennsylvania, the month was one of heavy rain, the fall in Tennessee averaging almost as large as in any previous

month on record. As a large part of the rain occurred within a single week, from the 6th to the 12th, severe floods resulted in the Ohio and lower Mississippi Valleys. In the southern Plateau region and southern California the precipitation was light, but otherwise in and to westward of the Rocky Mountain region it was generally close to or above normal.

Snow.—In the Rocky Mountain and northern Plateau regions, and in Washington and Oregon, the month's snowfall was, as a rule, heavier than normal, and considerable depths were accumulated toward the supply of water for the next summer. In the Plains region and to eastward the fall of snow was decidedly light for January, and the ground was generally bare farther northward than usual, especially during the last two weeks.

FEBRUARY.

Temperature.—Cold weather set in early in February over the eastern half of the country, and until the middle of the month temperatures below normal were the rule, except in the far Southwest, where the period averaged a trifle warmer than normal. In the latter half of the month, however, mild weather prevailed from Minnesota westward to the Rocky Mountains and over about all the eastern half of the country, except in the western Lake region, where the last week was quite cold; but this latter half was colder than normal in the Rocky Mountain States, save Montana, and in much of the Plateau region. For the month as a whole the most notable abnormality of temperature was the unusually cold area covering Wyoming, northern Colorado, and parts of adjacent States.

Precipitation.—The month was decidedly dry in Idaho, Oregon, Washington, and the northern half of California, but most of southern California, especially the vicinity of Los Angeles, received remarkably heavy precipitation during the closing week. The month's precipitation was generally somewhat above normal in Arizona, New Mexico, Utah, and Colorado, also in Kansas and portions of adjacent States; while by far the greater part of the cotton belt had more than the normal rainfall. Scanty precipitation was the rule in the Ohio Valley and in Virginia, Maryland, and the States around them, where what precipitation did occur was practically confined to the last week of the month.

Snow.—To eastward of the Mississippi River, save in the upper Lake region, the snowfall was remarkably light. In the Plains region there was generally more snowfall than normal, especially in the central portion. In the middle and southern parts of the Mountain and Plateau regions there was generally abundant snowfall, resulting in a large increase in the prospective water supply.

MARCH.

Temperature.—March was a month of frequent and rapid changes in temperature in the districts east of the Rocky Mountains, and there were more high winds than usual at this season. During the first week two cold waves swept over these districts, the first being notably severe for the season in the Plains region, Mississippi Valley, and east Gulf States. About the middle of the month there was another cold wave over much of the Plateau, Mountain, and Plains regions, while the closing week brought still another cold spell, which spread slowly southward and eastward from the Rocky Mountains, causing damaging frosts or freezing weather over Arkansas, Tennessee, and the Gulf States, though the immediate Gulf coast escaped serious injury as did most of Florida. In the intervals between the cold spells there was much mild weather in the central valleys and to eastward, and indeed there were no very long breaks in the mildness over the Middle Atlantic States and New England. In the northern border States from Minnesota to Idaho the latter half of the month was rather steadily cold, and nearly everywhere west of the Mississippi River the average temperature for the month was well below the normal.

Precipitation.—Violent local storms in unusual number occurred at three distinct periods in the Central and Southeastern States, causing much damage and loss of life, notably at Omaha, Nebr., on the 23d. About the 14th a general storm area caused heavy rains in the Middle and South Atlantic and east Gulf States, and severe floods resulted in South Carolina, Georgia, and Alabama. Far more important, however, was the series of storms that moved eastward and

northeastward between the 20th and 29th, as the precipitation was phenomenally heavy over the northern drainage of the Ohio River and around Lake Erie, and large areas in Ohio and Indiana were subjected to the most disastrous floods in their history.

For the month as a whole the precipitation was almost everywhere above normal in the eastern half of the United States, the amounts being remarkably great in Ohio, Indiana, and southern Illinois, also in Alabama and Georgia. Most of the western half of the country had less than the normal precipitation for March, and this was notably true of the Pacific coast region; but in northern Utah and most of Montana there was somewhat more than the normal fall.

Snow.—East of the Rocky Mountains, save in Montana, the Dakotas, and Minnesota, the snowfall was decidedly light and unimportant; while in and to westward of the Rockies the fall was in most regions below the March normal amount. Fortunately low temperatures were the rule, so that what snow fell or had remained from previous months was largely retained, and outside of the Pacific States the elevated regions seemed to have generally an ample supply to furnish water for irrigation during the ensuing summer.

APRIL.

Temperature.—Varying temperature conditions, so notable in March, continued through most of April, especially in the northern half of the country. In the cotton States and the southern Rocky Mountain region, where there was less irregularity, the temperatures were rather steadily below the normal, though to only a moderate extent. In California the greater part of the month was cool, but there was some warm weather during the last decade. Taking the northern two-thirds of the United States, we find the cool weather of later March continuing, as a whole, till far into April, save in the Lake region and Ohio Valley and to eastward where warmer weather than normal obtained, except for a brief but marked cool spell about the 6th–8th. About the 7th warm weather set in over the far Northwest, and extended eastward and more gradually southward. In the Pacific Northwest there was no important break in the warmth till the 22d, when cold weather replaced the warm and lasted till the end of April. In the northern Plains region and to eastward the warm weather, after it set in, prevailed till the end of the month, save for short interruptions, the cold spell about the 20th east of the Mississippi River causing injurious frosts in some central latitudes. The month as a whole averaged warm over practically all northern districts, notably over the Dakotas and parts of adjacent States.

Precipitation.—Among widespread rains during April the most important were those about the 9th to 12th in the central valleys and west Gulf States, about the 11th to 14th in the Atlantic Coast States, and about the 23d to 28th in Nebraska and Kansas, and over an area stretching northeastward from Texas and Louisiana to the lower Lake region. The first-named were notably heavy in the tier of States next to westward of the Mississippi River from Iowa to the Gulf, and the run-off swelled the flood-waters then passing down the lower Mississippi.

For the month as a whole almost all the western States had less precipitation then the normal quantity for April, and the shortage in California was especially unfortunate, as the rainy season was ending there with considerably less than the average fall. Other regions of deficiency for the month were the east Gulf and South Atlantic States and the upper Michigan Peninsula with Wisconsin and Minnesota. April's rainfall was notably heavy in the central and lower portions of the Missouri Valley, and in a strip extending thence southward and southeastward to the central Gulf coast; also in most of the Middle Atlantic and southern New England States, especially near the coast. Likewise in western Ohio and southern Indiana the rainfall was fairly large.

Snow.—There was moderate snowfall in the upper Michigan Peninsula, where it is quite to be expected in April. Abnormally heavy snowfall occurred about the 8th to 10th over eastern Colorado, most of Nebraska, southeastern South Dakota, and northwestern Iowa, interfering considerably with traffic and outdoor work. At the higher elevations in the Far West but little new snow fell, yet the generally low temperatures in the more southerly States helped to conserve the stock of old snow toward the summer flow of the streams.

MAY.

Temperature.—During the first week of May remarkably warm weather prevailed in most central and northern districts to eastward of the Mississippi River, but cool weather for the season in most western districts. The cool area moved eastward, and about the 8th to 12th caused damaging frosts in the Ohio Valley, Middle Atlantic States, and southern New England. Fruits especially suffered at this time, as the high temperatures during the preceding week had advanced them to a marked degree. Meanwhile the Rocky Mountain region and the area to westward had experienced a nearly general warming up, and temperatures about normal or somewhat above prevailed most of the time till the end of the month, except that the last few days were quite cool for the season in the far Southwest. These same closing days of May in Montana and Wyoming and the States to westward were marked by unusually warm weather.

In the greater part of the cotton belt the first half of the month was moderately cool, and the last half had temperature somewhat variable, yet on the whole a little above normal. In the central and northern districts east of the Rocky Mountain region, after the cold spell of the 8th to 12th already mentioned, there were some periods of warm weather, notably about the middle of the month in the Ohio Valley and parts of surrounding regions; yet rather cool weather prevailed most of the time till the 26th, when a warm area began to move eastward from the Far West, and by the end of the month had reached practically to the northeasternmost limit of the country.

Precipitation.—During the first fortnight of May the chief rains were about the 3d to 5th in the Plains region and upper Mississippi Valley, extending by the 6th to the central Gulf States, about the 9th to 12th in the north Pacific coast region, and about the 10th to 12th in eastern Kansas and portions of adjoining States. About the middle of the month there were widespread and important rains over an area from the Missouri Valley, save the upper portion, eastward to Ohio and the Virginias, and in the southern Appalachians and most portions of the Gulf States, also in southern Montana and most parts of Wyoming and Idaho. Between the 19th and the close of the month there were plentiful rains almost everywhere east of the Mississippi River save in Michigan and the southern portions of South Carolina and Georgia, but to westward of the Mississippi there was little rain of consequence save in Nevada, Nebraska, Iowa, and Louisiana and nearby counties in adjoining States.

The rainfall of the whole month was scanty, even for the season, in the central and southern Rocky Mountain region and to westward, save in the central and western parts of Nevada; but in the northern Mountain, Plateau, and Pacific regions rather more abundant amounts were generally received. In the Plains region and to eastward there was little rain in North Dakota, western Kansas, and western and southern Texas, also in the middle Mississippi and lower Ohio Valleys and the southern portions of Alabama, Georgia, and South Carolina; elsewhere moderate to generous rainfall was the rule, with decidedly large amounts in southern Virginia and parts of adjoining States, in the central Gulf region, and in most of Wisconsin and Iowa.

JUNE.

Temperature.—In the northern half of the country to eastward of the Rocky Mountains the temperature during the first week of June was decidedly changeable, but averaged below normal; while at this time the cotton region had more steady temperatures, generally a little above normal. About the 6th a marked area of cool weather began to advance from the upper valleys to eastward and southward, till all the eastern half of the country was experiencing unseasonably cool weather, the temperatures between the 7th and 13th being the lowest ever recorded in June at a large proportion of stations with records covering 30 years or more. Frost formed in all divisions of the Virginias and in substantially all eastern States farther north, and in the more exposed portions of New York and Ohio crops suffered considerable injury.

The recovery from the cool weather was very marked, save in the most northeastern States. By the 14th the central valleys were experiencing hot weather which lasted without important interruption for over a month. In the Missouri Valley and in the central latitudes

between the western Plains and the Appalachian Mountains some of the warmest weeks ever known in June were experienced. The last half of June was moderately warmer than normal nearly throughout the cotton region and the Middle Atlantic States, but in New York and New England there was not much hot weather till the last week of the month.

In the Rocky Mountain region and to westward the greater portion of the month was rather cool, save that there was considerable warm weather in the northern half of this area during the first decade, and along the immediate Pacific coast the last half of the month was mostly a little warmer than normal. As the month was closing some especially cold weather for the season was experienced in the central and southern portions of the Plateau region, with widespread but seldom damaging frosts.

Precipitation.—The rainfall of June was, as usual in the warmest months of the year, more local in character and irregular in distribution than in preceding months. During the first decade there were notable rains in the South Atlantic and East Gulf States, and during the first half of the month the southern parts of the Rocky Mountain and Plains regions were visited by notable precipitation. Between the 10th and the close of the month there was much rain for the region and season in Montana, Idaho, Oregon, and Washington, though the daily falls were seldom large. The latter half of the month saw considerable rain in the Lake region and the upper parts of the Mississippi and Ohio Valleys, in west-central and southwestern Texas, and in the Gulf coast region.

The rainfall of June as a whole was rather large in most parts of the South Atlantic States and Alabama, near the Louisiana coast, in southeastern Iowa and much of Minnesota, generally in Montana and the far Northwestern States, in southeastern Colorado, northeastern New Mexico, the Texas Panhandle, and the west-central part of the State, and the lower Rio Grande Valley. The month was a decidedly dry one in New England and most of New York and Pennsylvania, generally over lower Michigan and the northern drainage of the Ohio River, from central Mississippi northward to central Illinois, in most of Arkansas, eastern Oklahoma, and parts of adjacent States, and in large portions of western Iowa and the Dakotas.

JULY.

Temperature.—The severe heat that had prevailed over the Plains States and central valleys during the latter half of June gave way temporarily during the first few days of July, but warm weather again quickly overspread eastern districts, with especially high temperatures in New England and the Middle Atlantic States, readings of 100° or higher occurring in portions of the former section.

For the first week of the month temperatures averaged abnormally high in the Ohio and middle Mississippi Valleys and from the region of the Great Lakes eastward to New England, but during the second week much cooler weather prevailed over these districts. However, the second week averaged much warmer than normal in the central and southern Plains region, where maximum temperatures of over 100° were recorded at many places.

During the latter half of the second decade unusually warm weather prevailed from the central Plains region eastward to the Atlantic, with maximum readings ranging from 100° to 110° over large portions of these districts, but in the more northern sections and over the Mountain regions of the West the weather was cooler than the average.

The severe heat that had prevailed over much of the country during the first two decades of the month gave way early in the third decade to much cooler weather, and for the decade as a whole the mean temperature was below the normal over most of the country, with especially cool weather in the middle and southern Plateau region.

For the month as a whole the temperature was above the normal over most eastern districts, the plus departures amounting to 4° or more in the middle Mississippi Valley; while from the Lake region westward and in the Mountain districts of the West the means were less than the average temperature for the month.

Precipitation.—During the first week heavy local rains occurred in the Lake region and upper Mississippi Valley, portions of the Gulf States and at widely scattered points in other

eastern districts, but for the country as a whole the rainfall was largely deficient. During the second week quite generous amounts occurred in the upper Ohio Valley drainage, most of the Mississippi Valley, and in the northern Plains States, but on the whole precipitation, like the preceding week, was considerably less than normal, the greatest deficiencies occurring in the middle and southern Plains region and in the South Atlantic and East Gulf States. During the latter part of the second decade generous to heavy amounts of rainfall occurred along the South Atlantic seaboard, but elsewhere little rain fell. During the last decade precipitation occurred over practically all sections, but it was not of great consequence, except in the South Atlantic and East Gulf States, where there were frequent showers of substantial quantity.

On the afternoon of the 30th, following several days of extreme heat, a severe local storm visited Washington, D. C., and its vicinity, resulting in the loss of several lives and the destruction of a large amount of property. The wind reached a velocity of 68 miles an hour from the northeast, but fortunately the storm limits did not extend more than a few miles beyond the city.

For the month as a whole precipitation was generous to fairly heavy, ranging from 4 to 8 inches to southward of Virginia and Tennessee, and likewise in the upper Ohio drainage area and the upper Mississippi Valley. In the Atlantic Coast States from Virginia northward, in Kentucky and Tennessee, and in the middle Mississippi Valley and Plains States, including Texas, the amounts were scanty and largely deficient, while over most districts of the West little rain occurred. The totals for the month in most of Texas, the middle Plains States, and portions of the middle Mississippi Valley amounted to little more than one-half inch.

AUGUST.

Temperature.—During the first decade of the month unseasonably warm weather prevailed over practically all districts east of the Rocky Mountains, temperatures again being especially high in the central Plains States and middle Mississippi Valley, where the afternoon readings were as high as or higher than ever previously recorded for the same period at many points, but to the westward of the mountains cool weather for the season was the rule. The second and third decades were likewise extremely warm in all interior districts, the maximum temperatures frequently breaking previous high records for the season over large areas. For the week ending with the 18th the average temperature was below the normal in the middle Atlantic Coast States, the minus departures being quite marked in portions of Virginia and Maryland, and likewise in practically all districts west of the Rocky Mountains the weather was unseasonably cool; and for the succeeding week the Atlantic Coast States had weather cooler than the normal, but with these exceptions unseasonably high temperatures continued everywhere during the last two decades.

For the month as a whole the temperature was above the normal over practically all the country, the plus departures being especially large, ranging from 4° to 8°, or more, in much of the Plains region and great central valleys, where unusually high temperatures had prevailed the preceding month. In portions of the Atlantic Coast States and the Plateau region the mean temperature for the month was normal or slightly below, but no minus departures as great as 1° appeared anywhere in the country.

Precipitation.—During the first decade of the month the precipitation consisted of local thundershowers, which were quite generous over small areas in the Gulf and Middle Atlantic States and in portions of the more northern districts east of the Rocky Mountains, but they were very light and scattered in most of the great agricultural districts, large areas receiving no rain. Likewise during the second decade light, local showers were the rule, large areas again receiving no moisture, especially in the western cotton belt and in the districts west of the Rocky Mountains, but locally good showers were received in the central and east Gulf States.

During the first half of the third decade a moderate disturbance moved from the upper Lake region to the St. Lawrence Valley and New England, and was accompanied by rather general rains from the Dakotas eastward to the region of the Great Lakes, and thence southward

over the Ohio Valley and eastward to the Atlantic coast, and the latter half of the decade brought generous to heavy local rains in the Southeastern States. The last week of the month was characterized by an entire absence of rainfall over practically all of the great cereal-producing States.

The rainfall for the month as a whole was heavy in portions of Florida, amounting locally to 12 inches or more, and generous amounts were received in other portions of the Gulf States, while good rains occurred in still other scattered localities east of the Mississippi. However, over the greater portion of the country the rainfall was markedly deficient, especially in the great central valleys and the Plains States, including Texas. The total fall for the month was less than one-half inch in Kansas and Oklahoma and portions of the adjoining States, while other large areas in the great corn-producing States received less than 1 inch of rainfall, resulting in much loss to that crop.

SEPTEMBER.

Temperature.—During the first few days of September considerably cooler weather set in over the far Northwest, due to the presence in that locality of high barometric pressure, but the heated conditions that had persisted so long to eastward of the mountains continued largely unabated. However, about the end of the first week there was evidence of a break in the heat wave over the Middle West, when an area of high pressure advanced along the northern border, reaching the extreme upper Lake region about the close of the first decade. With the passing eastward of this high area, cooler weather overspread nearly all eastern districts, becoming decidedly cold from the Lake region eastward to New England about the 10th, when temperatures below freezing were recorded at exposed points and killing frost occurred in central New York and the interior of New England.

With the breaking up of the heat wave to eastward of the Mountains, the weather became warm in the far West about the middle of the month, the maximum temperatures at points on the central coast of California being higher on the 16th than ever reported before, and by the 17th the heat had extended to the southern districts, with afternoon temperatures far higher than ever before known in that section of the State. However, this heat wave was of short duration and it did not penetrate far inland; in fact the last decade of the month was unusually cold for the season over the Plateau and Rocky Mountain districts, and to the eastward the weather continued comparatively cool to the end of the month.

The mean temperature for the month as a whole was near the normal over the greater portion of the country, the areas of greatest departures showing values for the month differing from the normal only slightly more than 2°, save on the southern California coast, where the plus departures ranged from 4° to 6°, or slightly higher. Over the great central valleys and in northern districts from the Lake region westward the monthly means were slightly more than the normal, while the central and southern Mountain districts, the southern Plains region, and the more Eastern States had means somewhat less than the normal for the month.

Precipitation.—There was no well-defined storm activity during the first decade of September, save for a severe local disturbance that appeared on the coasts of North Carolina and Virginia at the first of the month. High winds and heavy rains did much damage to property in the coast sections of the above mentioned States, but elsewhere along the coast there was no severe loss, as the storm moved inland and rapidly dissipated as it approached the mountains.

Early in the second decade a considerable storm area developed in the Southwest and moved thence northeastward across the country. In connection with this disturbance, good rains occurred in nearly all districts from the Plains States eastward, some heavy falls occurring in the Ohio and middle Mississippi Valleys and portions of the Gulf States, and very generally relieving the severe drought and putting the soil in good condition for plowing and fall seeding. Near the close of the month low pressure again developed over the west Gulf coast, and heavy rains overspread Texas and portions of the adjoining States, the amounts ranging from 6 to 8 inches or more. However, this disturbance gradually lost energy, and finally dissipated without the usual cross-country movement.

For the month as a whole the rainfall was unusually large, ranging from 10 to 15 inches, in the immediate Gulf region, most of Arkansas, and portions of Oklahoma, while from 2 to 4 inches or more occurred in most other districts east of the Rocky Mountains. In the Plateau region the monthly totals generally ranged less than 1 inch, but the amounts were more generous in portions of the Rocky Mountain districts, where from 2 to 4 inches occurred over considerable areas. Practically no rain occurred in California, but along the coast to the northward the monthly totals ranged from 4 to 6 inches.

THE SEVERE HEAT AND DROUGHT OVER THE MIDDLE WEST DURING THE SUMMER OF 1913.

About the close of the first decade in September one of the severest heat waves and droughts that the Middle West has ever experienced came to an end. About the middle of June unusually warm weather set in over nearly all portions of the country to the eastward of the Rocky Mountains, being especially warm in portions of the Great Plains and Mississippi Valley, and with but slight interruptions this unusually heated condition continued until the beginning of the second week in September. During this entire period of 12 weeks of almost continuous excessive heat, dry weather prevailed with more or less severity in the same region, which, with almost continuous sunshine and frequent hot winds, combined to produce one of the most disastrous seasons in the history of the region affected.

The continuation of the heat and drought during the latter part of July and throughout August proved especially disastrous to the corn crop and resulted in almost complete failure in Kansas and portions of the adjoining States, while farther south the long-continued heat and drought caused a serious reduction in the cotton crop in Oklahoma and Texas. In addition to the losses to growing crops, many portions of the region affected suffered severely from lack of water for both stock and domestic use. Farm work was greatly delayed by the unfavorable conditions, and manufacturing activities were in some places either entirely suspended or severely handicapped by the lack of water.

Some of the extreme features were as follows: The highest temperature reported during the period was 116° at Farnsworth, Kans., on July 11, and several stations reported as high as 113° in both July and August. The station reporting the highest mean maximum temperature was Clay Center, Kans., 107° for August, a record doubtless never exceeded in the United States, save at a few points in the desert valleys of the far Southwest. At the above-mentioned point in Kansas the maximum temperature was 100° or higher each day from August 1 to September 7, inclusive, save one day when it rose only to 92°, the average for the period of 38 days being 106.5°. At the same point from July 1 to September 8, a period of 70 days, the precipitation was but 0.03 inch, a record likewise probably unsurpassed, for the principal crop-growing season, in the history of the State.

OCTOBER.

Temperature.—At the beginning of the month temperatures were moderate, and no changes of consequence occurred until about the 4th, when warmer weather set in over the Plains States and Mississippi Valley, continuing for several days. The change in temperature was not marked and moderate weather continued during the first decade.

With the beginning of the second decade high pressure overspread the western Mountain districts and cool weather advanced into the Plains region and Mississippi Valley by the morning of the 11th, and during the following day or two lower temperatures prevailed in all districts to the eastward, with frost in the more northern portions. Following this cool period decidedly warmer weather overspread western districts, and by the middle of the month temperatures were again moderately high in the central valleys and to the eastward. Temperature changes were not marked during the latter half of the second decade, although generally cool weather was the rule in nearly all northern districts, with freezing temperatures in the upper Mississippi Valley and some frosts as far south as northern Texas.

Cool weather continued into the third decade and frosts were quite general on the morning of the 21st over the northern and central portions of the cotton belt. About the 25th a cold

area advanced from the far Northwest, and as it moved eastward and southward brought the coldest weather of the season to date, with killing frosts on the 26th and 27th in Oklahoma, Arkansas, and northern Texas, and frost again occurred over most of the central and eastern portions of the cotton belt during the last days of the month.

Except in the Northeastern States, in California and portions of the adjoining States, the mean temperature for the month as a whole was everywhere below the normal. Minimum temperatures below 10° occurred in the middle Missouri Valley and at points in the Mountain districts, the lowest reported, near zero, occurring in the elevated portions of Wyoming. During the last three days of the month at points in the Plains region the minimum temperatures were from 5° to 7° lower than any previous record for the month of October.

Precipitation.—A small storm area that overspread the Lake region and North Atlantic States on the 1st and 2d gave some heavy rains in those districts, especially in the vicinity of New York City, where more than 5 inches fell in 24 hours. At the same time local heavy rains occurred in portions of the West Gulf States, where falls amounting to more than 7 inches occurred, and great damage resulted from flood and otherwise. Only scattered precipitation occurred thereafter till about the 8th, when stormy conditions developed on the south Atlantic coast and continued for several days, during which time some heavy rains occurred over the eastern portions of the Carolinas.

Not much precipitation occurred over the interior portions of the country until about the 17th, when general rains set in from the southern Plains States northeastward to the Lake region, and overspread the districts to the eastward during the following few days, the storm becoming well marked during the 19th and 20th over the Ohio Valley, at which time precipitation was quite general in all districts from the Mississippi Valley eastward, considerable snow occurring over the western limits of the storm area. General rains again occurred over these same districts from the 23d to 27th, the falls being quite heavy over the Gulf and South Atlantic States. During the latter part of the month snow was rather general over the lower Missouri and upper Mississippi Valleys and Lake region, the falls being heavy for the season in the more northern districts.

The precipitation on the whole was generous and well distributed from the Rocky Mountains eastward, where the amounts were well above the normal, except in portions of the South Atlantic and East Gulf States and the middle-western Plains region. To the westward of the Rocky Mountains there was some excess of precipitation over the northern districts, but in most of the coast States and the far Southwest the rainfall was exceedingly light.

NOVEMBER.

Temperature.—Cool weather prevailed during the first 10 days of the month in all southern districts and from the Plains region eastward, while in the more northern sections and to westward of the Rocky Mountains the average temperatures for the period were everywhere above the normal.

During the second decade the distribution of atmospheric pressure was such as to favor air movement largely from the southward, and warm weather for the season prevailed in nearly all districts.

The third decade was likewise free from marked temperature changes. The pressure continued relatively high over the southeast and low to the northward and the daily temperatures continued to grow higher as the month advanced, and over much of the interior of the country the average for the period was the highest during the month, ranging from 10° to nearly 20° per day above the normal.

For the month as a whole the average temperature was in excess of the normal in all districts, save along the immediate Pacific and south Atlantic coasts, where it was normal or slightly below. Despite the unusual average warmth of the month over most districts, there were but few days with excessively high temperatures for the season and extremes of previous years were broken only in a few cases. Minimum temperatures were high for the season; in

fact at none of the telegraphic reporting stations did they go as low as zero, a condition that had probably not occurred in November for many years.

Precipitation.—During the first week of the month but little rain or snow occurred in any portion of the country, save over parts of Texas and Oklahoma where precipitation was generous and well distributed.

On the 7th a well-defined storm had advanced to the upper Mississippi Valley, and moved to the Lake region by the following day, accompanied by high winds. At the same time low pressure developed over the middle Atlantic coast, and by the morning of the 9th the center of the disturbance was located over the Chesapeake Bay region and moved thence to the lower Lakes by the following day, passing down the St. Lawrence Valley during the succeeding 24 hours. Over the Lake region this proved to be one of the severest storms in recent years. The wind attained unusually high velocities, which, with the heavy and blinding snow, greatly interfered with navigation. A number of vessels were driven ashore or otherwise wrecked, causing the loss of several hundred lives, and property damage extending into millions of dollars. The snowfall was unusually heavy in connection with this storm, especially in the Lake Erie region and over the headwaters of the upper Ohio, the depth reaching from 1 to 3 feet in some of the mountain portions of West Virginia, Maryland, and Pennsylvania.

Moderately heavy rains occurred in portions of the Ohio Valley about the middle of the month, and unsettled, showery weather prevailed over the northern portions of the country during the latter half, but with little precipitation until near the end, when general rains overspread much of the country to eastward of the Mississippi.

The precipitation for the month as a whole was generally deficient, although ample for agricultural and other needs. A marked excess occurred over central Texas and there was a general excess over much of the middle and southern Plains region and from the lower Ohio Valley northeastward to central New York, as well as in the districts to westward of the Rocky Mountains.

Snowfall.—But little snow occurred during the month over the country from the Rocky Mountains eastward, save for the severe storm over the Lake region on the 9th and 10th, when some unusually heavy falls occurred. This soon melted, however, and at the end of the month all the great agricultural districts were bare of snow, the ground was free of frost, and no appreciable ice had formed on the lakes and rivers.

Westward of the Rocky Mountains there was considerable snow in the more northern districts, in portions of the Sierra Nevada, and over the high ranges of northern New Mexico and in portions of Utah; elsewhere in the Mountain region very little snow had occurred at the end of the month.

DECEMBER.

Temperature.—During the first 6 days of the month temperatures continued high over eastern districts and relatively low to the westward, under the influence of stagnant atmospheric conditions. These conditions gave way near the end of the first week, and rapid pressure changes brought much colder weather over central and eastern districts, with frost and freezing temperatures extending as far south as the Gulf and South Atlantic States, except over the Florida Peninsula, on the 9th. With a return to warmer weather within a few days no important temperature changes occurred during the second decade, for which time the temperature was above the normal over the greater portion of the country.

During the first few days of the third decade temperatures were below the normal in the Rocky Mountain region and Plains States and near the normal elsewhere. About the middle of the decade much colder weather overspread most districts to eastward of the Rocky Mountains, especially in the Appalachian Mountain region and southward, where freezing temperatures again prevailed to the northern boundary of Florida on the 27th, but the weather continued unusually warm in the upper Mississippi and middle Missouri Valleys.

The mean temperature for the month as a whole was above the normal over all portions of the country to eastward of the Rocky Mountains, save over Texas. Over much of the coun-

try from the Lake region westward to the upper Missouri Valley the month was unusually warm, especially in the upper Mississippi Valley, where it was one of the warmest Decembers on record. From the Rocky Mountains westward the average temperature for the month was very generally below the normal.

Precipitation.—The month opened with a well-defined storm area central over Arizona and New Mexico. This storm made little progress the first few days of the month, during which time heavy snow fell over portions of the Rocky Mountain region, being unusually heavy in Colorado and Wyoming. Snowfall to a total depth of nearly 4 feet occurred at Denver, and doubtless much more fell in the higher mountains, with resulting loss of a large number of lives from exposure. The rainfall during this period was unusually heavy over portions of the middle and southern Plains States, especially in central and northern Texas and portions of Oklahoma, resulting in unprecedented floods in a number of the rivers of Texas, with the loss of many lives and much property damage. From the 6th to the 8th the storm proceeded rapidly over the Lake region to New England, attended by rains in the central and southern districts and snows from the Great Lakes eastward, the snowfall being rather heavy in New England.

With the passage of the storm noted above no general rains or snows occurred until about the 22d, when precipitation set in on the Pacific coast, extending into the Plateau region in the form of snow, and covering eastern districts during the following few days. On the morning of the 24th another storm was central over Texas, and moving thence to northern Georgia and northward along the Atlantic seaboard brought rains and snow to all eastern districts, heavy snow falling in the interior portions of Pennsylvania, New York, and New England. At the close of the month a storm of considerable magnitude was approaching the north Pacific coast, and rains and snows had set in over the Coast States and Plateau region, the precipitation being heavy in central and northern California.

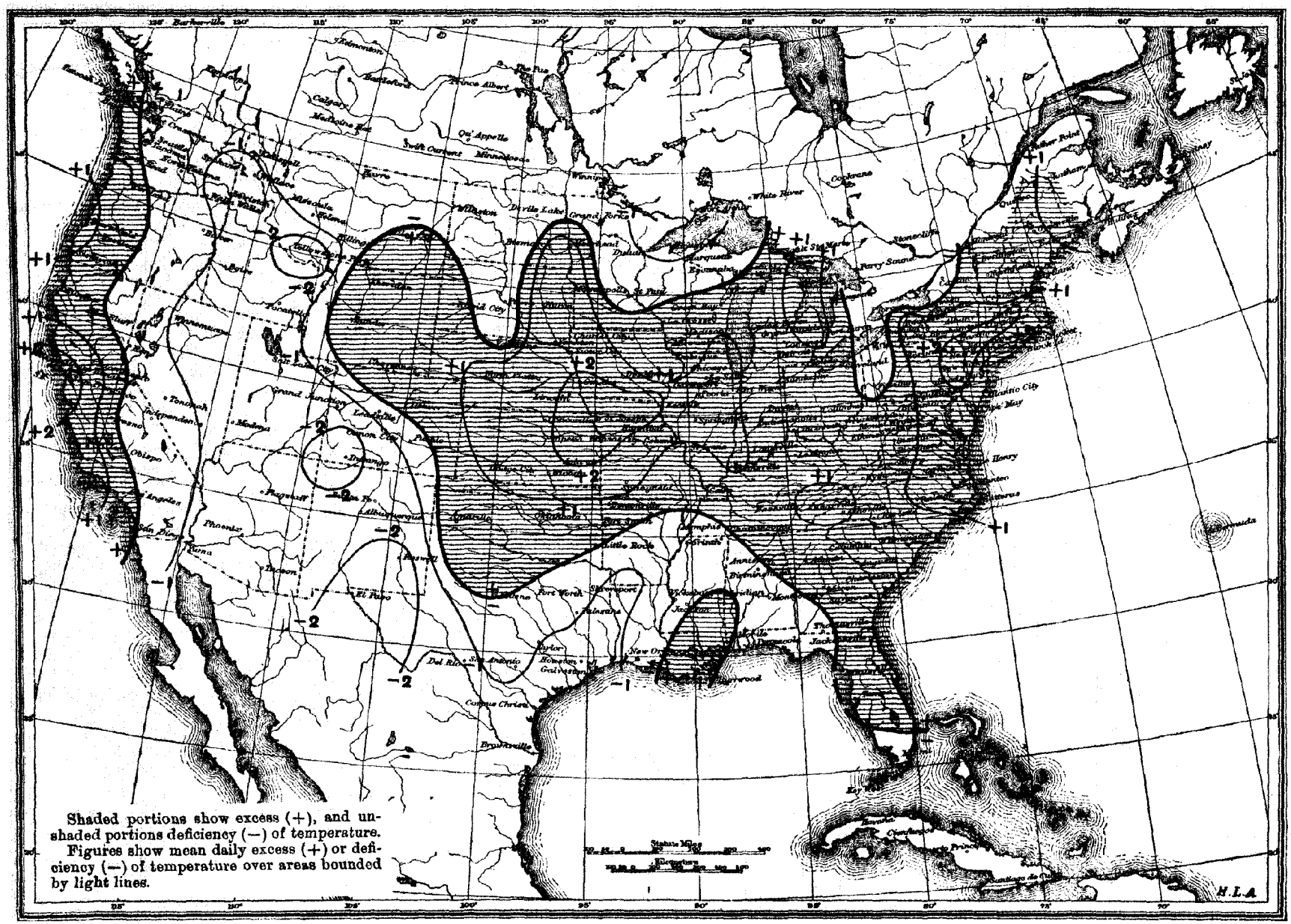
For the month, precipitation was heavy over the middle Rocky Mountain region and thence southeasterly over the Plains States, the amounts ranging from about 5 inches at points in Colorado to more than 10 inches in central Texas. Heavy precipitation likewise occurred in central and northern California. Over the districts from the middle and southern Mississippi Valley eastward to the Atlantic, including the lower Lake region and New England, the monthly amounts ranged very generally from 1 to 3 inches. From the upper Lake region westward to the mountains the precipitation was everywhere light, the amounts not exceeding a trace over large portions of Wisconsin, Minnesota, and the Dakotas, where the month was one of the driest Decembers on record.

Snowfall.—Only light snow occurred over most districts from the Rocky Mountains eastward, and the ground in the great agricultural sections was bare throughout most of the month. In the mountain regions of the West the snowfall was unusually heavy, especially in Colorado and portions of the adjoining States and in the Sierra of California. At the close of the month there was practically no snow covering in the great central valleys, and the absence of any appreciable snow in the upper Lake region was almost unprecedented at this season.

Annual summary, climatological data, Canadian stations, 1913.

[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	29.71	29.85	−0.06	40.6	+0.1	47.8	33.3	81	− 8	48.45	− 6.18	62.5
Sydney, Cape Breton Island	29.92	29.96	+ .02	43.6	+2.3	51.9	35.4	84	−11	40.03	−10.25	84.5
Halifax, Nova Scotia	29.88	29.99	+ .02	45.4	+2.6	54.8	36.1	90	−14	57.68	+ 0.65	37.6
Yarmouth, Nova Scotia	29.94	30.01	+ .03	45.5	+2.3	52.4	38.6	6	2	44.40	− 5.93	22.9
Charlottetown, Prince Edward Island	29.92	29.96	+ .02	43.0	+2.0	50.1	35.9	83	−14	40.21	− 1.41	65.3
Chatham, New Brunswick	29.95	29.97	+ .03	41.8	+3.1	51.4	32.2	92	−16	40.31	− 0.98	92.0
Father Point, Quebec	29.92	29.94	+ .01	37.4	+2.6	45.0	29.8	77	−14	32.76	− 0.22	93.3
Quebec, Quebec	29.64	29.97	− .01	40.8	+2.6	49.5	32.1	90	−18	39.93	− 1.79	88.5
Montreal, Quebec	29.78	29.99	.00	44.6	+3.1	52.4	36.7	93	−11	41.94	+ 0.95	98.6
Stonecliffe, Ontario	29.36	29.98	− .01	40.4	+2.2	52.2	28.7	97	−32	21.75	− 8.71	24.2
Ottawa, Ontario	29.74	30.07	+ .07	43.5	+2.9	52.5	34.5	93	−18	35.09	+ 2.49	88.1
Kingston, Ontario	29.71	30.02	+ .01	45.5	+2.4	53.7	37.3	90	−16	33.51	+ 0.70	50.6
Toronto, Ontario	29.62	30.00	− .02	48.0	+3.8	56.8	39.2	95	− 1	28.71	− 5.01	37.1
White River, Ontario	.....	.....	.....	.....	.....	.....	.....	.....	−42	.....	.....	.....
Port Stanley, Ontario	29.40	30.04	+ .01	46.5	+1.8	54.6	38.4	91	− 6	41.85	+ 7.43	53.5
Southampton, Ontario	29.31	.....	.....	44.8	+2.4	53.3	36.4	92	−14	32.08	− 2.13	88.5
Parry Sound, Ontario	29.31	30.01	+ .01	43.0	+2.8	52.8	33.2	97	−24	38.69	+ 0.42	126.0
Port Arthur, Ontario	29.29	30.01	+ .01	36.3	+1.9	46.4	26.2	90	−26	26.97	+ 2.21	34.4
Winnipeg, Manitoba	29.17	30.03	+ .03	36.3	+3.2	46.4	26.2	91	−31	15.78	− 5.20	23.5
Minnedosa, Manitoba	.....	.....	.....	.....	.....	.....	.....	90	−38	.....	.....	.....
Qu'Appelle, Saskatchewan	27.68	29.97	− .01	35.2	+1.9	45.9	24.5	87	−44	21.24	+ 5.16	57.4
Medicine Hat, Alberta	27.65	29.94	− .02	43.6	+3.3	56.7	30.6	98	−23	13.62	− 0.18	33.9
Swift Current, Saskatchewan	27.35	29.96	− .01	39.0	+1.5	51.4	26.7	94	−34	12.60	− 2.87	28.0
Calgary, Alberta	26.37	29.93	.00	40.2	+3.0	52.8	27.4	90	−28	17.25	+ 2.38	38.7
Banff, Alberta	25.34	30.00	+ .07	34.4	−0.3	45.5	23.4	87	−34	17.95	− 3.96	80.0
Edmonton, Alberta	27.63	30.00	+ .07	37.8	+2.2	49.2	26.4	86	−35	19.54	+ 3.71	47.8
Prince Albert, Saskatchewan	28.36	29.94	− .04	34.2	+3.7	45.2	23.2	86	−46	16.92	+ 2.01	30.2
Battleford, Saskatchewan	28.21	30.09	+ .12	36.1	+3.4	46.4	25.8	88	−43	10.71	− 3.22	11.0
Kamloops, British Columbia	28.69	29.92	− .01	45.2	−1.9	54.8	35.6	99	−19	9.95	− 1.68	26.8
Victoria, British Columbia	29.94	30.04	+ .04	49.6	+1.0	56.5	42.6	86	21	23.84	−14.30	8.4
Barkerville, British Columbia	25.61	29.94	+ .04	33.6	−2.6	42.8	24.3	79	−37	45.33	+11.77	267.6
Hamilton, Bermuda	30.00	30.16	+ .07	69.0	−0.7	74.7	63.3	86	46	49.98	−11.93	0.0



DEPARTURES FROM NORMAL TEMPERATURE FOR THE CROP SEASON OF 1913, MARCH 1 TO SEPTEMBER 30

TOTAL PRECIPITATION FOR THE CROP SEASON OF 1913, MARCH 1 TO SEPTEMBER 30.

DEPARTURES FROM NORMAL PRECIPITATION FOR THE CROP SEASON OF 1913, MARCH 1 TO SEPTEMBER 30.

TOTAL PRECIPITATION FOR THE YEAR 1913.

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, 1913);

T = continuous records of temperature (on December 31, 1913);

W = continuous records of wind (direction and velocity) (on December 31, 1913);

V = continuous records of wind (velocity only) (on December 31, 1913);

R = continuous records of rainfall (on December 31, 1913);

S = continuous records of sunshine (on December 31, 1913).

Summary of stations in operation during the year.

Taking two observations daily (all elements)	179
Taking one observation daily (all elements)	49
Taking one observation daily (temperature, rainfall, wind, and weather)	17
Taking one observation daily (temperature and rainfall only, cotton, sugar, and rice regions)	138
Taking one observation daily (temperature and rainfall only, corn and wheat region)	138
Taking one observation daily (river and rainfall only)	376
Taking one observation daily (rainfall stations)	68
River flood stations	60
Rainfall flood stations	73
Taking one observation daily (cotton and special meteorological)	2
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)	28
Taking one observation daily (cotton and rainfall)	20
Taking one observation daily (corn and wheat and river)	8
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)	9
Taking one observation daily (special fruit)	35
Taking one observation daily (special fruit and river)	3
Taking one observation daily (special meteorological and storm warning)	1
Taking one observation daily (special meteorological and tomato)	1
Taking one observation daily (cooperative river)	1
Taking one observation daily (special tobacco)	6
Taking one observation daily (special alfalfa)	2
Taking one observation daily (special tomato)	1
Vessel weather stations	50
Snowfall stations	220
Total paid stations	1,485
Cooperative stations, about	[1] 4,000
Grand total	5,485

[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, 1913.				Observations began.	Date of changes in elevation.
							Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.		
	°	′	°	′	h.	m.	Feet.	Feet.	Feet.	Feet.		
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	
Altus	34	37	99	20	1	37 S.	1,410	5	3	.....	Apr. 1, 1913	
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	
Apalachicola	29	45	84	58		40 S.	35	6	3	.....	July 21, 1913	
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 10	71 3	88 69	Oct. 1, 1896	July 23, 1913
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	4	.....	Jan. 14, 1908	
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 3	2	 40	Nov. 18, 1875	
Buffalo, P T W R S	42	53	78	53		16 S.	767	178 247	168 238	206 280	Nov. 1, 1870	Feb. 13, 1913
Burlington, P T W R S	44	29	73	12		07 F.	404	11	3	48	Mar. 29, 1906	
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	13	3	49	July 16, 1897	
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	58	50	64	Nov. 1, 1870	
Chicago, P T W R S	41	53	87	37		50 S.	823	140	133	310	.....do.....	
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 6	45 3	.....	July 1, 1909	Mar. 15, 1913
Corpus Christi, P T W R S	27	49	97	25	1	30 S.	20	69	61	77	Feb. 1, 1887	
Dallas, P T W R S	32	46	96	47	1	27 S.	512	109	92	117	Oct. 15, 1913	
Davenport, P T W R S	41	30	90	38	1	03 S.	606	71	65	79	May 24, 1871	
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	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	

[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, 1913. 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.		
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	
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	
Florence	34	48	87	37		50 S.	620	5	3	.....	Mar. 20, 1913	
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	05	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	
Fresno, P T W R S	36	43	119	49	2	59 S.	330	62 89	54 82	70 98	Aug. 18, 1887	May 1, 1913
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	04	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 37	47 50	Dec. 1, 1880	Mar. 21, 1913
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	87	80	114	Apr. 1, 1880	
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		06 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 10	32 3	49 64	Nov. 1, 1870	Jan. 23, 1913
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	60	54	68	Aug. 1, 1891	
Lansing, P T W R S	42	44	84	26		38 S.	878	11	3	62	May 1, 1910	
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	40	32	48	Oct. 1, 1900	
Lexington, P T W R S	38	02	84	33		38 S.	989	75	68	102	Oct. 1, 1872	
Lincoln, P T W R S	40	49	96	45	1	27 S.	1,189	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	111 219	103 214	132 255	Sept. 11, 1871	Jan. 21, 1913
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	80	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 85	62	93	Sept. 1, 1889	Aug. 18, 1913

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, 1913.				Observations began.	Date of changes in elevation.
							Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.		
	°	′	°	′	h.	m.	Feet.	Feet.	Feet.	Feet.		
Miami, P T W R S	25	48	80	12		21 S.	25	37	32	72	June 3, 1911	
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	98 125	91 119	106 161	Nov. 7, 1870	Nov. 1, 1913.
Modena, P T W R S	37	48	113	54	2	36 S.	5,479	10	2	43	Jan. 1, 1901	
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	102 170	96 163	111 205	Jan. 1, 1871	Jan. 1, 1913.
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	
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	64	57	72	Dec. 3, 1881	
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 76	41 68	56 81	Aug. 6, 1895	Mar. 24, 1913.
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	
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	141 215	134 211	165 251	Oct. 22, 1904	June 22, 1913.
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 75	4 69	57 85	Dec. 20, 1904	June 30, 1913.
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 48	56 43	64 82	Oct. 10, 1912	Oct. 15, 1913.
St. Joseph, P T W R S	39	49	94	51	1	19 S.	967	11	3	49	Apr. 25, 1910	

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, 1913.				Observations began.		Date of changes in elevation.
								Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.			
	°	′	°	′	h.	m.		Feet.	Feet.	Feet.	Feet.			
St. Louis, P T W R S	38	38	90	12	1	01	S.	568	208	199	217	Nov.	1, 1870	Sept. 30, 1913
									265	258	303			
St. Paul, P T W R S	44	58	93	03	1	12	S.	837	201	196	236	Nov.	1, 1870	
Salt Lake City, P T W R S	40	46	111	54	2	28	S.	4, 360	147	141	189	Mar.	19, 1874	
San Antonia, 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	Apr. 1, 1913
									62	55	70			
Sand Key, P T W R S	24	27	81	53		28	S.	23	39	6	72	June	1, 1903	
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	Jan. 1, 1913
									8	4	54			Apr. 25, 1913
									9					
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 Fe, P T W R S	35	41	105	57	2	04	S.	7, 013	57	49	62	Nov.	20, 1871	
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	Feb. 1, 1913
									77	70	93			
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	
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	7	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	
Trenton, P T W R S	40	14	74	45		01	F.	190	159	152	183	Apr.	1, 1913	
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	
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, 283	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, 1913.				Observations began.	Date of changes in elevation.
				Barometer above sea.	Thermometer above ground.	Rain gage above ground.	Anemometer above ground.		
Barbados.[1]	° ′	° ′	h. m.	*Feet.*	*Feet.*	*Feet.*	*Feet.*		
Bridgetown	13 04	59 37	1 02 F.	30	.....	.....	.....	Aug. 15, 1898	
Curacao.[1]									
Curacao, **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 Domgino.[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 1913.*

ESTABLISHED.

Stations.	Date established.	Stations.	Date established.
REGULAR.		COTTON.	
Trenton, N. J	Apr. 1	Ada, Okla	Apr. 16
Dallas, Tex	Oct. 15	Alva, Okla	Aug. 1
		Bartlesville, Okla	Apr. 16
SPECIAL METEOROLOGICAL.		Beaver, Okla	Aug. 1
		Chickasha, Okla	Apr. 16
Altus, Okla	Mar. 28	Hammon, Okla	Aug. 1
Case School, Ohio	June 1	McAlester, Okla	Apr. 1
Champaign, Ill	Feb. 5	Woodward, Okla	Aug. 1
Durango, Colo	Oct. 1		
Florence, Ala	Mar. 20	CORN AND WHEAT.	
Lawton, Okla	Mar. 28		
Mackinac Island, Mich	June 16	Urbana, Ill	Dec. 1
New Brunswick, N. J	Mar. 1	Wibaux, Mont	Sept. 23
Sanford, Fla	Feb. 12		
Urbana, Ill	Mar. 15	RIVER.	
		Arkadelphia, Ark	Aug. 1
SPECIAL METEOROLOGICAL AND STORM WARNING.		Buckeye Lake, Ohio	Do.
		Cloverport, Ky	Dec. 15
Apalachicola, Fla	Aug. 16	Decker, Ind	Nov. 1
		Fort Laramie, Ohio	Aug. 1
SPECIAL METEOROLOGICAL AND TOMATO.		Franklinton, La	June 1
		Jackson, Ky	Aug. 1
Roy, Utah	Aug. 20	McConnelsville, Ohio	Oct. 15

TABLE II.—*Changes in Weather Bureau stations during 1913*—Continued.

ESTABLISHED—Continued.

Stations.	Date established.
RIVER—Continued.	
Marietta, Ohio	July 1
Merrill, Wis	Feb. 16
Merryville, La	Dec. 1
Noblesville, Ind	Nov. 1
Norris Point, Ohio	Oct. 15
Orange, Tex	Dec. 1
Sidney, Ohio	Do.
Springfield, Ohio	Do.
Tadmor, Ohio	Do.
Tomahawk, Wis	Feb. 16
Walhonding, Ohio	Oct. 15
West Milton, Ohio	Dec. 1
COOPERATIVE RIVER.	
Marietta, Ohio	Dec. 15
RAINFALL.	
Akron, Ohio	July 1
Amity, Ark	Aug. 15
Antigo, Wis	Feb. 16
Ashland, Ohio	July 1
Bladensburg, Ohio	Do.
Byrdstown, Tenn	Oct. 1
Cambridge, Ohio	July 1
Cardington, Ohio	Do.
Cedar Hill, Tenn	Feb. 1
Dennison, Ohio	July 1
Green Hill, Ohio	Do.
Haydenville, Ohio	Do.
Hazard, Ky	Aug. 1
Kenton, Ohio	July 1
Killbuck, Ohio	Do.
Lake View, Ohio	Dec. 1
Lancaster, N. H	Nov. 1
Lancaster, Ohio	July 1
Manchester, Ky	Aug. 1
Medina, Ohio	July 1
Murfreesboro, Ark	Aug. 15
Nellie, Ohio	July 1
New Bremen, Ohio	Do.
New Carlisle, Ohio	Dec. 1
Park Falls, Wis	Feb. 16
Plattsburg, Ohio	July 1
Princeton, Ark	Aug. 15
Reedsburg, Wis	Nov. 1
Rison, Ark	Aug. 15
Roguemont, N. C	Aug. 1
St. Paris, Ohio	Dec. 1
Sheridan, Ark	Aug. 15
Tobosco, Ohio	July 1
Urbana, Ohio	Dec. 1
Versailles, Ohio	Do.
Wapakoneta, Ohio	July 1
Waynesville, Wis	Mar. 1
SPECIAL METEOROLOGICAL AND COTTON.	
Greensboro, N. C	Dec. 1
COTTON AND RIVER.	
Gadsden, Ala	Apr. 1
Monroe, La	Nov. 1
CORN AND WHEAT AND RIVER.	
Lafayette, Ind	Oct. 1
La Salle, Ill	Oct. 10
CORN AND WHEAT AND RAINFALL.	
Bellefontaine, Ohio	July 1
Bucyrus, Ohio	Do.
Columbus, Ind	Nov. 1
Findlay, Ohio	July 1
Granville, Ohio	Do.
Greenville, Ohio	Do.
Somerset, Ohio	Do.
SPECIAL FRUIT.	
Altapass, N. C	Mar. 10
Brigham City, Utah	Apr. 1
Bryson City, N. C	Mar. 15
Cane River, N. C	Mar. 12
Elberta, Utah	Apr. 8
Ellijay, N. C	Mar. 18
Hendersonville, N. C	Mar. 22
Highlands, N. C	Mar. 20
Lemoncove, Cal	Dec. 8
Orland, Cal	Dec. 18
Oroville, Cal	Dec. 1
Provo, Utah	July 21
Rocklin, Cal	Dec. 1
Tremonton, Utah	Apr. 1
SPECIAL FRUIT AND RIVER.	
Delaware, Ohio	July 1
CRANBERRY.	
East Wareham, Mass	Mar. 1
Halifax, Mass	Do.
Marstons Mills, Mass	Do.
Norton, Mass	Apr. 16
South Carver, Mass	Mar. 1
TOBACCO.	
Chippewa Falls, Wis	Aug. 25
Deerfield, Wis	Do.
Edgerton, Wis	Do.
Janesville, Wis	Do.
Soldiers Grove, Wis	Do.
Viroqua, Wis	Do.
TOMATO.	
Willard, Utah	Aug. 25
ALFALFA.	
Mills, Utah	Aug. 15
Nephi, Utah	Do.
VESSEL WEATHER.	
S.S. Coppename (British)	Oct. 1
S.S. Pastores (British)	Jan. 25
S.S. Ponce (American)	Feb. 15
S.S. Saramacca (British)	Oct. 1
S.S. Tenadores (British)	Sept. 15
SNOWFALL.	
Albertine, Cal	Dec. 13
Cottonwood Creek, Idaho	Dec. 1
Nevis, Cal	Dec. 13
Table Rock, Cal	Do.

TABLE II.—*Changes in Weather Bureau stations during 1913*—Continued.

ESTABLISHED—Continued.

Stations.	Date established.
REGULAR.	
Southeast Farallon, Cal	July 31
Durango, Colo	Oct. 1
La Salle, Ill	Sept. 30
SPECIAL METEOROLOGICAL.	
Burro Mine, Utah	June 30
Canisius College, Buffalo, N. Y	Sept. 30
Case School, Cleveland, Ohio	Do.
Champaign, Ill	Mar. 15
Corona, Colo	Aug. 18
East Wareham, Mass	Mar. 1
Fort Douglas, Utah	June 30
French Lick, Ind	Oct. 13
Halifax, Mass	Mar. 1
Marstons Mills, Mass	Do.
Monroe, La	Oct. 31
New Brunswick, N. J	Sept. 30
Notre Dame, Ind	Oct. 31
Plainfield, N. J	Sept. 30
Provo, Utah	July 21
St. Louis University, Mo	Sept. 30
South Carver, Mass	Mar. 1
Urbana, Ill	Oct. 31
Wallace, Idaho	Oct. 15
COTTON.	
Greensboro, N. C	Nov. 30
CORN AND WHEAT.	
Bellefontaine, Ohio	June 30
Bucyrus, Ohio	Do.
Columbus, Ind	Oct. 31
Findlay, Ohio	June 30
Granville, Ohio	Do.
Greenville, Ohio	Do.
Lafayette, Ind	Sept. 30
Rantoul, Ill	Feb. 28
Somerset, Ohio	June 30
RIVER.	
Aldamas, Mex	Jan. 1
Attica, Ind	Sept. 30
Decatur, Ind	July 31
Delaware, Ohio	July 1
Gadsden, Ala	Apr. 1
Gaylordsville, Conn	Sept. 30
Great Bend, Kans	May 15
Hutchinson, Kans	Do.
Lewiston, Reservoir Ohio	Feb. 28
Licking Reservoir, Ohio	Do.
Mapleton, Utah	Dec. 31
Muscoda, Wis	Oct. 31

Stations.	Date established.
RAINFALL.	
Arkadelphia, Ark	July 31
Medora, Kans	Aug. 31
Merrill, Wis	Feb. 15
Monterey, Mexico	Jan. 1
Neilsville, Wis	Sept. 30
Pittsfield, Mass	Do.
Sidney, Ohio	Nov. 30
COTTON AND RIVER.	
Dallas, Tex	Oct. 31
SPECIAL FRUIT.	
Delaware, Ohio	June 30
Roy, Utah	Aug. 19
VESSEL WEATHER.	
S.S. Preston (Norwegian)	Nov. 15
S.S. Prinz August Wilhelm (German)	Nov. 30
S.S. Prinz Eitel Friedrich (German)	Do.
S.S. Prinz Joachim (German)	Do.
S.S. Prinz Sigismund (German)	Do.
SNOWFALL.	
Bartle, Cal	Jan. 1
Breckenridge, Colo	Aug. 31
Buena Vista, Oreg	Dec. 31
Burns Mill, Oreg	Do.
Butte Creek House, Cal	Do.
Clemons, Mont	Jan. 1
Crazy Creek, Wyo	Feb. 28
Dixie, Wash	July 31
Duncan, Oreg	Apr. 15
East Gallatin, Mont	Jan. 1
Englewood, S. Dak	Feb. 28
Fish Creek, Oreg	June 30
Government Sawmill, Ariz	Do.
Hay Creek, Oreg	Do.
Hodges, N. Mex	Feb. 28
Howland Flat, Cal	Dec. 13
Johnsville, Cal	Feb. 28
Kachess Valley, Wash	Aug. 31
Powers Ranch, Idaho	Nov. 30
Prattville, Cal	Dec. 13
Rock Creek, Oreg	Apr. 15
Rosland, Oreg	June 30
Silver Creek, Cal	Dec. 15
Smith Prairie, Idaho	Oct. 31
Sweetwater, Nebr	Dec. 15
Telocaset, Oreg	Apr. 31
Thompsons, Ariz	June 30
Tin Roof Cabin, Oreg	Apr. 15
Uncompahgre Plateau, Colo	May 31
Walloupa, Oreg	Oct. 31
Winfield, Colo	Do.

SUNSHINE, 1913.

The following tables give for 148 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, 1913.

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.	90	31	159	54	149	40	216	54	231	51	352	77
Amarillo, Tex.	270	86	213	70	331	89	357	91	401	92	329	76
Asheville, N. C.	165	53	185	61	226	61	227	58	302	69	327	75
Atlanta, Ga.	109	35	164	53	162	44	264	67	319	74	305	71
Atlantic City, N. J.	171	56	223	74	240	65	254	64	308	69	338	76
Augusta, Ga.	174	55	177	57	230	62	324	83	360	84	285	66
Baltimore, Md.	128	42	185	62	185	50	205	51	268	60	316	71
Bentonville, Ark.	166	54	137	45	184	49	228	58	266	61	300	69
Binghamton, N. Y.	67	23	117	39	109	29	173	43	206	45	290	64
Birmingham, Ala.	138	44	170	55	216	58	279	71	290	67	340	79
Bismarck, N. Dak.	144	52	171	59	206	56	276	68	203	43	317	67
Block Island, R. I.	135	45	181	61	179	48	230	57	251	56	294	65
Boise, Idaho	98	34	184	63	181	49	287	71	362	79	323	70
Boston, Mass.	141	48	203	68	193	52	236	59	272	60	353	78
Buffalo, N. Y.	86	29	102	35	220	59	254	63	319	70	390	85
Burlington, Vt.	90	31	110	37	122	33	212	53	204	45	300	65
Canton, N. Y.	94	33	159	55	150	40	259	64	255	55	348	75
Charles City, Iowa.	172	59	204	69	217	59	283	70	256	56	384	84
Charleston, S. C.	171	54	153	50	188	51	306	79	360	84	312	73
Chattanooga, Tenn.	133	43	176	57	207	56	224	57	275	63	328	76
Cheyenne, Wyo.	212	71	184	62	242	65	246	62	252	56	293	65
Chicago, Ill.	123	42	195	66	221	60	275	69	290	64	372	82
Cincinnati, Ohio.	110	36	174	58	210	57	247	62	293	66	367	82
Cleveland, Ohio.	98	33	152	51	195	53	222	55	268	59	375	82
Columbia, Mo.	179	59	178	59	188	51	263	66	286	65	371	83
Columbus, Ohio.	101	34	166	55	204	55	257	64	308	69	397	88
Concordia, Kans.	195	65	179	60	255	69	288	72	308	69	327	73
Dayton, Ohio.	88	29	163	54	185	50	183	46	229	51	323	72
Denver, Colo.	236	79	231	77	274	74	279	70	284	64	288	64
Des Moines, Iowa.	215	73	191	64	230	62	273	68	261	58	368	81
Detroit, Mich.	78	26	124	42	194	52	228	57	264	59	342	75
Devils Lake, N. Dak.	146	53	157	55	219	59	264	64	242	51	347	73
Dodge City, Kans.	211	69	174	58	256	69	278	70	321	73	220	50
Dubuque, Iowa.	143	48	205	69	190	51	258	64	232	51	358	79
Durango, Colo.	229	74	187	61	256	69	304	77	377	86	327	74
Eastport, Me.	134	47	194	66	171	46	227	56	248	54	346	74
Elkins, W. Va.	104	34	136	45	159	43	195	49	242	55	314	70
El Paso, Tex.	257	80	222	72	332	89	360	92	400	94	379	89
Erie, Pa.	68	23	85	29	129	35	196	49	230	51	319	70
Escanaba, Mich.	66	23	172	59	150	40	238	58	220	47	325	69
Eureka, Cal.	133	45	177	59	124	34	231	58	261	58	220	49
Evansville, Ind.	158	51	223	74	227	61	261	66	384	87	373	84
Fort Smith, Ark.	166	53	137	45	238	64	274	70	332	76	346	80
Fort Wayne, Ind.	91	30	148	50	214	58	243	61	277	62	369	82
Fresno, Cal.	178	58	220	73	299	80	333	84	396	90	390	89
Galveston, Tex.	161	49	166	53	240	64	320	83	339	80	333	79
Grand Haven, Mich.	61	21	112	38	176	47	258	64	256	56	365	79
Grand Junction, Colo.	228	75	202	67	271	73	311	78	355	80	318	71
Grand Rapids, Mich.	62	21	104	35	162	44	234	58	220	48	350	76
Green Bay, Wis.	117	41	187	64	202	55	240	59	233	51	344	74
Harrisburg, Pa.	115	38	167	56	160	43	189	47	218	49	277	62
Hartford, Conn.	136	46	206	70	182	49	226	56	236	52	324	71
Havre, Mont.	53	19	117	41	171	46	206	50	195	41	261	54
Helena, Mont.	122	44	153	53	206	56	286	70	263	56	271	57
Honolulu, Hawaii	240	70	242	75	283	76	292	77	314	77	293	73

Sunshine, 1913.

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.	336	72	320	74	243	65	142	41	113	39	97	35	2,446	53
Amarillo, Tex.	419	95	380	91	278	75	313	90	224	72	203	67	3,717	83
Asheville, N. C.	321	72	276	66	220	59	258	74	231	75	155	51	2,893	64
Atlanta, Ga.	243	55	299	72	210	57	247	70	231	74	118	38	2,670	59
Atlantic City, N. J.	376	83	328	78	243	65	168	49	188	63	188	64	3,027	67
Augusta, Ga.	273	62	264	64	218	59	245	70	246	78	136	44	2,932	65
Baltimore, Md.	316	70	271	64	179	48	129	37	140	46	139	47	2,461	54
Bentonville, Ark.	278	62	346	83	170	46	181	52	110	36	70	23	2,439	53
Binghamton, N. Y.	303	66	240	56	179	48	87	25	66	22	60	21	1,898	40
Birmingham, Ala.	265	60	303	73	183	49	220	63	224	72	127	41	2,754	61
Bismarck, N. Dak.	342	71	321	73	241	64	181	54	170	60	170	64	2,742	61
Block Island, R. I.	308	67	279	65	197	53	78	23	151	51	136	47	2,420	53
Boise, Idaho.	382	82	384	89	313	83	223	65	146	50	159	57	3,042	66
Boston, Mass.	335	73	287	67	224	60	90	26	150	51	140	49	2,623	58
Buffalo, N. Y.	355	76	257	60	196	52	183	54	103	35	68	24	2,533	54
Burlington, Vt.	223	48	252	58	220	59	114	34	112	39	66	24	2,024	44
Canton, N. Y.	302	64	279	64	224	60	117	34	96	34	71	26	2,354	50
Charles City, Iowa.	401	86	342	79	260	69	222	65	138	47	133	47	3,010	66
Charleston, S. C.	308	70	299	72	270	73	249	71	257	82	149	48	3,022	67
Chattanooga, Tenn.	292	66	296	71	187	50	208	59	169	55	155	51	2,650	59
Cheyenne, Wyo.	326	71	319	75	220	51	193	56	179	60	174	60	2,840	63
Chicago, Ill.	347	75	286	67	243	65	185	54	126	43	116	41	2,779	61
Cincinnati, Ohio.	336	74	304	72	200	54	178	52	131	43	110	38	2,660	58
Cleveland, Ohio.	346	75	307	72	227	61	131	38	110	37	70	24	2,500	53
Columbia, Mo.	375	83	349	82	218	58	189	55	148	49	99	34	2,844	62
Columbus, Ohio.	381	84	299	70	190	51	157	45	111	37	99	34	2,670	57
Concordia, Kans.	380	84	367	86	245	66	242	70	160	54	142	49	3,089	68
Dayton, Ohio.	274	60	196	46	168	45	179	52	121	41	90	31	2,197	48
Denver, Colo.	298	65	332	78	250	67	213	62	222	74	187	64	3,095	70
Des Moines, Iowa.	406	88	339	79	261	70	237	69	149	51	165	58	3,095	68
Detroit, Mich.	325	70	311	72	236	63	169	49	137	46	106	37	2,515	54
Devils Lake, N. Dak.	294	61	319	72	262	70	163	49	142	51	170	65	2,726	60
Dodge City, Kans.	324	72	341	81	233	62	249	72	176	58	149	50	2,933	65
Dubuque, Iowa.	371	80	258	60	225	60	175	51	137	47	140	49	2,693	59
Durango, Colo.	330	74	285	68	247	66	276	79	159	52	152	51	3,129	69
Eastport, Me.	268	57	294	63	250	67	80	24	150	52	129	47	2,472	54
Elkins, W. Va.	258	57	249	59	169	45	142	41	116	38	95	32	2,180	47
El Paso, Tex.	359	83	305	74	269	73	280	79	229	72	229	73	3,620	81
Erie, Pa.	274	59	247	58	158	42	126	37	63	21	45	16	1,941	41
Escanaba, Mich.	288	61	255	58	211	56	136	40	94	33	124	46	2,280	49
Eureka, Cal.	215	47	203	48	217	58	221	64	67	23	75	26	2,145	47
Evansville, Ind.	375	83	331	79	206	55	157	45	125	41	108	37	2,928	64
Fort Smith, Ark.	334	76	372	89	205	55	211	60	128	41	86	28	2,829	61
Fort Wayne, Ind.	381	83	324	76	229	61	165	48	105	35	102	35	2,648	57
Fresno, Cal.	405	91	374	89	353	95	323	93	139	46	120	40	3,531	77
Galveston, Tex.	379	89	284	70	172	46	227	64	192	60	149	47	2,962	65
Grand Haven, Mich.	349	75	304	70	247	66	165	48	104	36	117	42	2,513	54
Grand Junction, Colo.	350	77	326	77	247	66	260	75	147	49	184	63	3,198	71
Grand Rapids, Mich.	308	66	229	53	213	57	140	41	89	31	96	34	2,207	47
Green Bay, Wis.	323	68	277	64	200	53	175	51	106	37	140	51	2,543	56
Harrisburg, Pa.	298	65	278	65	195	52	155	45	138	46	147	51	2,337	52
Hartford, Conn.	297	64	248	58	170	46	121	35	144	49	144	51	2,435	54
Havre, Mont.	341	70	298	67	244	65	146	44	81	29	178	69	2,291	50
Helena, Mont.	342	71	305	69	272	72	123	37	129	46	174	65	2,644	58
Honolulu, Hawaii.	356	87	346	87	338	92	315	87	225	67	271	80	3,515	79

Sunshine, 1913—Continued.

Stations.	January.		February.		March.		April.		May.		June.	
	Hours.	Per centage of possible.	Hours.	Per centage of possible.	Hours.	Per centage of possible.	Hours.	Per centage of possible.	Hours.	Per centage of possible.	Hours.	Per centage of possible.
Houston, Tex	150	46	173	55	223	60	299	77	327	77	292	69
Huron, S. Dak	176	61	210	72	199	54	269	67	209	46	391	84
Indianapolis, Ind	101	33	166	55	203	55	235	59	282	63	347	77
Jacksonville, Fla	205	63	162	52	185	50	304	78	334	79	294	70
Kalispell, Mont	86	31	139	49	145	39	218	53	238	50	289	60
Kansas City, Mo	185	61	150	50	202	55	259	65	292	66	344	77
Knoxville, Tenn	137	44	180	59	222	60	215	55	277	64	329	75
La Crosse, Wis	118	41	180	61	156	42	242	60	206	45	354	76
Lander, Wyo	187	64	228	77	232	63	280	70	290	64	308	67
Lansing, Mich	99	34	148	50	221	60	249	62	279	61	383	83
La Salle, Ill	146	49	189	64	234	63	271	68	278	62	363	80
Lexington, Ky	84	27	156	52	179	48	210	53	275	62	330	74
Little Rock, Ark	148	47	148	48	258	69	303	77	350	81	368	85
Los Angeles, Cal	224	71	179	58	302	81	309	79	284	66	245	57
Louisville, Ky	101	33	173	57	196	53	235	59	305	69	357	81
Ludington, Mich	37	13	76	26	154	42	256	63	255	56	360	78
Lynchburg, Va	126	41	199	66	222	60	274	69	313	71	295	67
Macon, Ga	128	40	162	52	179	48	278	71	301	70	306	71
Madison, Wis	129	44	198	67	187	50	246	61	211	46	325	71
Marquette, Mich	62	22	180	62	221	60	324	79	292	63	375	79
Memphis, Tenn	110	35	158	52	236	63	284	72	302	70	346	80
Meridian, Miss	122	38	168	54	204	55	300	77	310	72	352	82
Miami, Fla	249	75	236	75	249	67	304	79	307	74	229	55
Milwaukee, Wis	104	36	163	55	174	47	238	59	228	50	353	77
Mobile, Ala	136	42	165	53	182	49	312	80	337	79	294	69
Modena, Utah	261	85	209	69	268	72	279	70	378	86	351	79
Mount Tamalpais, Cal	194	63	220	73	270	73	292	74	354	80	368	83
Mount Weather, Va	123	40	172	57	176	47	212	53	204	46	262	59
New Haven, Conn	170	57	228	77	205	55	220	55	276	61	357	79
New Orleans, La	92	28	172	55	192	52	323	83	334	79	284	67
New York, N. Y	158	53	224	75	206	56	257	64	292	65	351	78
Norfolk, Va	146	47	179	59	199	54	272	69	301	69	265	60
Northfield, Vt	111	38	171	58	184	50	266	66	206	45	316	68
North Head, Wash	74	26	150	52	136	37	221	54	238	51	249	53
North Platte, Nebr	203	68	190	64	262	71	299	75	308	68	380	84
Oklahoma, Okla	181	58	132	43	199	54	275	70	282	65	214	49
Omaha, Nebr	170	57	177	59	163	44	254	63	207	46	319	70
Parkersburg, W. Va	82	27	158	53	162	44	207	52	248	56	343	77
Peoria, Ill	109	37	154	51	170	46	226	57	245	55	323	72
Philadelphia, Pa	142	47	208	69	192	52	236	59	277	62	308	69
Phoenix, Ariz	272	86	225	73	328	88	352	90	398	93	413	96
Pittsburgh, Pa	102	34	148	49	175	47	211	53	256	57	363	80
Pocatello, Idaho	89	30	150	51	141	38	268	67	267	59	241	53
Port Huron, Mich	101	34	157	53	216	58	244	61	306	67	380	83
Portland, Me	143	50	209	71	178	48	212	52	244	53	349	75
Portland, Oreg	40	14	132	46	107	29	158	39	231	50	205	44
Providence, R. I	136	46	209	70	174	47	234	58	262	58	355	78
Pueblo, Colo	252	83	210	69	302	81	287	73	353	80	317	72
Raleigh, N. C	160	52	221	72	240	65	209	74	313	72	276	63
Rapid City, S. Dak	144	50	203	69	207	56	273	68	244	53	324	70
Reading, Pa	138	46	194	65	201	54	234	59	292	65	362	81
Richmond, Va	198	65	225	74	238	64	288	73	342	77	346	78
Rochester, N. Y	116	40	158	53	196	53	244	60	295	65	370	81
Roswell, N. Mex	226	71	208	67	276	74	312	80	341	79	252	59
Sacramento, Cal	192	63	251	83	308	83	317	80	358	81	374	84

Sunshine, 1913—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.
Houston, Tex.	373	87	295	72	161	44	223	63	191	60	138	43	2,845	63
Huron, S. Dak.	367	78	308	71	232	62	188	55	182	63	177	64	2,908	65
Indianapolis, Ind.	331	73	316	74	197	53	182	53	110	37	105	36	2,575	56
Jacksonville, Fla.	308	72	248	61	228	62	250	71	197	62	160	50	2,875	64
Kalispell, Mont.	336	69	314	71	276	73	130	39	78	28	67	26	2,316	49
Kansas City, Mo.	366	81	371	88	215	58	205	59	151	50	92	31	2,833	62
Knoxville, Tenn.	294	66	313	75	203	55	212	61	195	63	130	43	2,708	60
La Crosse, Wis.	334	71	279	65	216	58	176	52	122	42	143	52	2,527	55
Lander, Wyo.	319	69	324	75	240	64	186	54	174	59	196	70	2,963	66
Lansing, Mich.	336	72	279	65	207	55	144	42	128	44	91	32	2,564	55
La Salle, Ill.	357	78	292	68	277	74								
Lexington, Ky.	307	68	272	65	177	47	177	51	139	46	93	31	2,399	52
Little Rock, Ark.	374	85	370	89	215	58	203	58	151	49	93	30	2,981	65
Los Angeles, Cal.	307	70	322	78	305	82	282	80	240	77	210	68	3,209	72
Louisville, Ky.	350	78	296	70	182	49	178	51	116	38	95	32	2,584	56
Ludington, Mich.	355	76	309	71	248	66	141	41	99	34	98	35	2,390	50
Lynchburg, Va.	335	75	296	70	256	69	242	69	203	67	174	58	2,934	65
Macon, Ga.	237	54	281	68	196	53	252	71	204	65	108	35	2,632	58
Madison, Wis.	290	62	186	43	224	60	159	47	103	35	121	43	2,380	52
Marquette, Mich.	331	69	251	57	205	54	130	39	84	30	112	42	2,567	55
Memphis, Tenn.	328	74	341	82	211	57	167	48	159	51	107	35	2,750	60
Meridian, Miss.	291	67	344	83	209	56	219	62	254	81	106	34	2,878	63
Miami, Fla.	314	75	241	60	202	55	214	60	163	50	208	64	2,917	66
Milwaukee, Wis.	327	70	209	49	224	60	167	49	120	41	131	47	2,438	53
Mobile, Ala.	257	59	312	76	209	56	236	67	231	73	120	38	2,792	62
Modena, Utah.	319	71	277	66	280	75	291	84	172	57	174	59	3,259	73
Mount Tamalpais, Cal.	407	91	370	88	348	93	315	91	142	47	160	54	3,440	76
Mount Weather, Va.	253	56	219	52	200	54	142	41	158	52	164	56	2,285	51
New Haven, Conn.	363	79	319	75	234	62	134	39	146	49	168	59	2,820	62
New Orleans, La.	246	57	263	64	158	43	248	70	193	60	128	40	2,632	58
New York, N. Y.	343	75	294	69	206	55	166	48	166	56	176	61	2,840	63
Norfolk, Va.	281	63	293	70	222	60	196	56	213	70	158	53	2,726	61
Northfield, Vt.	297	63	282	65	232	62	92	27	111	38	88	32	2,357	51
North Head, Wash.	281	59	241	55	266	71	153	45	88	31	96	35	2,193	47
North Platte, Nebr.	396	86	377	88	277	74	216	63	162	55	156	54	3,226	71
Oklahoma, Okla.	312	71	335	80	207	56	200	57	107	35	99	33	2,545	56
Omaha, Nebr.	340	74	280	65	236	63	221	64	126	43	166	58	2,658	59
Parkersburg, W. Va.	314	69	298	70	202	54	131	38	126	42	85	29	2,357	51
Peoria, Ill.	338	74	266	62	194	52	132	39	152	51	108	38	2,419	53
Philadelphia, Pa.	348	76	302	71	233	62	185	54	178	59	166	57	2,774	61
Phoenix, Ariz.	347	79	339	82	348	94	325	92	201	64	236	76	3,784	84
Pittsburgh, Pa.	319	70	325	76	252	67	157	46	120	41	77	27	2,505	54
Pocatello, Idaho.	293	63	321	75	263	70	222	65	133	46	120	43	2,508	55
Port Huron, Mich.	369	79	322	75	261	70	154	45	105	36	104	37	2,718	58
Portland, Me.	350	75	321	74	254	68	98	29	161	56	145	52	2,664	59
Portland, Oreg.	260	55	277	63	239	64	131	39	59	21	81	30	1,921	41
Providence, R. I.	359	78	290	68	206	55	96	28	153	52	139	49	2,612	57
Pueblo, Colo.	352	78	338	80	264	71	256	74	206	68	192	65	3,332	74
Raleigh, N. C.	288	65	284	68	221	59	219	63	212	69	162	54	2,806	65
Rapid City, S. Dak.	345	74	370	85	290	77	213	62	202	70	198	71	3,013	67
Reading, Pa.	337	74	315	74	240	64	182	53	160	53	155	53	2,809	62
Richmond, Va.	352	78	323	77	260	70	201	58	204	67	155	52	3,131	69
Rochester, N. Y.	360	78	320	74	255	68	177	52	110	38	88	31	2,688	58
Roswell, N. Mex.	359	82	302	73	229	62	235	67	180	57	168	54	3,086	69
Sacramento, Cal.	405	89	389	92	361	97	326	94	172	57	133	45	2,584	79

Sunshine, 1913—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.
Saginaw, Mich	83	28	147	50	204	55	241	60	312	69	389	85
St. Joseph, Mo	156	52	157	52	199	54	248	62	261	59	322	72
St. Louis, Mo	124	41	153	51	196	53	258	65	276	62	328	73
St. Paul, Minn	162	57	179	61	212	57	260	64	272	59	372	80
Salt Lake City, Utah	91	31	136	46	191	52	281	70	328	73	312	69
San Antonio, Tex	135	41	143	46	242	65	262	68	303	72	236	56
San Diego, Cal	230	72	175	57	260	70	322	83	268	62	238	55
San Francisco, Cal	186	61	205	68	261	70	292	74	281	64	279	63
San Jose, Cal	194	63	210	69	269	72	300	76	357	81	349	79
San Juan, P. R	175	50	215	67	213	57	191	51	258	64	267	67
San Luis Obispo, Cal	193	62	152	50	250	67	269	68	305	70	288	66
Santa Fe, N. Mex	234	75	179	59	266	72	314	80	359	82	309	71
Sault Ste. Marie, Mich	53	19	143	49	145	39	256	63	234	50	292	62
Savannah, Ga	149	47	161	52	188	51	295	76	326	76	282	66
Seattle, Wash	48	18	114	40	160	43	240	58	174	37	224	47
S. E. Farallon, Cal	158	52	177	59	172	46	260	66	228	52	304	69
Sheridan, Wyo	114	40	201	69	199	54	272	67	256	56	309	66
Sioux City, Iowa	194	66	202	68	204	55	256	64	215	48	370	81
Spokane, Wash	67	24	150	52	160	43	252	61	264	56	305	64
Springfield, Ill	134	44	173	58	213	57	254	64	272	61	349	78
Tacoma, Wash	32	11	80	28	112	30	146	36	148	32	168	35
Tampa, Fla	214	65	178	57	220	59	311	81	322	77	284	68
Terre Haute, Ind	108	36	161	53	201	54	250	63	286	64	336	75
Toledo, Ohio	83	28	169	57	198	53	222	55	260	58	359	79
Tonopah, Nev	224	73	224	74	302	81	315	80	352	80	322	73
Topeka, Kans	198	65	168	56	239	64	282	71	282	64	302	68
Trenton, N. J									256	57	300	67
Vicksburg, Miss	148	46	178	57	222	60	305	78	321	75	316	74
Walla Walla, Wash	79	28	132	45	158	43	262	64	310	67	297	63
Washington, D. C	143	47	179	59	179	48	217	55	219	49	260	58
Wichita, Kans							308	78	353	80	318	72
Williston, N. Dak	86	31	128	45	203	55	283	69	282	60	328	68
Wilmington, N. C	156	49	164	53	182	49	287	73	292	67	257	60
Winnemucca, Nev	190	64	224	75	244	66	291	73	360	80	334	74
Wytheville, Va	151	49	186	61	177	48	212	54	283	65	284	64
Yankton, S. Dak	161	55	188	64	186	50	240	60	202	44	343	75
Yellowstone Park, Wyo	93	32	187	64	211	57	253	62	207	45	233	50
Yuma, Ariz	271	85	233	76	346	93	372	95	420	98	420	98

Sunshine, 1913—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.
Saginaw, Mich	372	80	327	76	263	70	155	45	111	38	88	31	2,691	57
St. Joseph, Mo	367	81	348	82	189	51	183	53	144	48	102	35	2,678	58
St. Louis, Mo	311	69	322	76	242	65	193	56	140	47	101	34	2,644	58
St. Paul, Minn	324	69	261	60	210	56	157	46	127	44	136	49	2,671	58
Salt Lake City, Utah	344	75	330	77	256	69	222	64	178	60	186	65	2,855	63
San Antonio, Tex	359	84	324	79	234	63	246	69	153	48	136	43	2,774	61
San Diego, Cal	320	73	318	77	310	84	291	83	248	79	223	72	3,204	72
San Francisco, Cal	301	67	295	70	318	85	297	85	148	49	129	44	2,991	67
San Jose, Cal	371	83	357	85	332	89	300	86	138	45	149	50	3,326	73
San Juan, P. R	198	49	211	53	183	50	151	42	153	45	192	56	2,406	54
San Luis Obispo, Cal	327	74	322	77	293	79	265	76	160	51	141	46	2,965	66
Santa Fe, N. Mex	346	78	298	71	265	71	282	81	199	65	194	64	3,246	72
Sault Ste. Marie, Mich	289	61	251	57	195	52	103	31	45	16	87	32	2,094	44
Savannah, Ga	253	58	228	55	222	60	233	66	231	73	119	38	2,686	60
Seattle, Wash	284	59	250	56	173	46	54	16	30	11	54	20	1,805	38
S. E. Farallon, Cal	250	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheridan, Wyo	306	65	330	76	360	69	142	42	178	62	175	64	2,841	61
Sioux City, Iowa	376	81	295	69	254	68	191	56	111	38	173	61	2,841	63
Spokane, Wash	385	80	301	68	257	68	131	39	66	24	65	25	2,404	50
Springfield, Ill	362	80	332	78	251	67	185	54	134	45	101	35	2,760	60
Tacoma, Wash	236	49	227	52	202	54	62	18	22	8	17	6	1,453	30
Tampa, Fla	309	73	236	58	247	67	241	68	176	54	158	49	2,894	65
Terre Haute, Ind	346	76	282	67	205	55	174	50	119	39	106	36	2,573	56
Toledo, Ohio	359	78	301	70	205	55	119	35	116	39	82	29	2,471	53
Tonopah, Nev	342	76	307	73	330	88	307	88	170	56	141	48	3,336	74
Topeka, Kans	380	84	390	92	249	67	214	62	138	46	121	41	2,962	65
Trenton, N. J	341	75	286	67	198	53	142	41	143	48	143	49	.....	.....
Vicksburg, Miss	288	66	309	75	202	54	206	59	214	68	134	42	2,844	63
Walla Walla, Wash	395	83	327	75	287	76	149	44	48	17	35	13	2,480	52
Washington, D. C	345	76	298	70	216	58	180	52	169	56	172	59	2,577	57
Wichita, Kans	392	87	400	95	237	64	215	62	126	41	100	34	.....	.....
Williston, N. Dak	383	79	332	75	263	70	151	45	149	53	173	66	2,760	60
Wilmington, N. C	289	66	280	67	242	65	212	60	261	84	176	57	2,798	62
Winnemucca, Nev	384	84	385	90	325	87	270	78	166	56	172	60	3,344	74
Wytheville, Va	271	61	244	58	200	54	204	59	176	58	159	53	2,546	57
Yankton, S. Dak	351	76	266	62	200	53	150	44	127	43	151	54	2,565	57
Yellowstone, Park, Wyo	276	59	302	69	253	67	188	55	110	38	178	65	2,490	55
Yuma, Ariz	389	89	352	85	357	96	338	96	252	80	251	81	4,000	89

EXCESSIVE RAINFALL, 1913.

The table following contains the record of excessive rainfall for the calendar year 1913. 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; 1912–13, pages 42–55, 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 1913 (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.[1]																				
Portland, Me.:																				
July 5	9.28 p. m.	11.07 p. m.	1.10	9.33 p. m.	10.12 p. m.	0.01	0.10	0.15	0.19	0.29	0.43	0.56	0.73	0.81						
Sept. 8	2.35 p. m.	3.10 p. m.	1.50	2.43 p. m.	3.06 p. m.	.01	.34	.72	1.04	1.35	1.48									
Concord, N. H.:																				
Sept. 22	8.57 a. m.	12.55 p. m.	1.62	11.13 a. m.	11.40 a. m.	.59	.13	.42	.62	.70	.88	.94								
Burlington, Vt.:																				
June 16	7.20 p. m.	8.20 p. m.	.50	7.52 p. m.	8.04 p. m.	.01	.22	.42	.48											
Northfield, Vt.:																				
July 28	9.36 a. m.	12.10 p. m.	1.38	10.16 a. m.	11.00 a. m.	.13	.09	.23	.38	.52	.61	.75	.89	1.05	1.12					
Boston, Mass.:																				
July 30	1.26 p. m.	2.03 p. m.	.91	1.28 p. m.	1.53 p. m.	T.	.13	.42	.56	.76	.91									
Aug. 27	12.57 p. m.	1.50 p. m.	.78	1.07 p. m.	1.27 p. m.	T.	.31	.42	.67	.77										
Nantucket, Mass.:																				
Aug. 29	11.05 a. m.	4.10 p. m.	.84	11.16 a. m.	11.37 a. m.	.01	.16	.17	.30	.48	.51									
Sept. 4–5	8.20 p. m.	9.25 a. m.	1.59	7.52 a. m.	8.37 a. m.	.63	.11	.14	.22	.26	.33	.44	.59	.75	.84					
Sept. 18	5.35 a. m.	11.25 a. m.	2.29	7.41 a. m.	8.43 a. m.	.19	.10	.24	.38	.55	.70	.78	.83	.88	.96	1.00	1.18	1.34		
Block Island, R. I.:																				
Sept. 22	9.30 a. m.	11.10 a. m.	.68	9.37 a. m.	10.00 a. m.	.02	.12	.20	.33	.41	.49									
Providence, R. I.:																				
Sept. 22	10.12 a. m.	12.32 p. m.	.77	10.18 a. m.	10.57 a. m.	.03	.14	.27	.35	.37	.40	.51	.55	.65						
Hartford, Conn.:																				
June 7	2.32 p. m.	4.20 p. m.	1.54	2.44 p. m.	3.25 p. m.	.01	.15	.49	.79	.94	1.07	1.27	1.32	1.39	1.43					
Aug. 27	5.45 p. m.	7.05 p. m.	.74	5.49 p. m.	6.18 p. m.	.01	.12	.34	.45	.57	.63	.69								
Aug. 29	D. N. a. m.	D. N. a. m.	.76	5.34 a. m.	5.59 a. m.	.01	.30	.55	.60	.62	.72									
Oct. 26	3.40 p. m. 24th.	5.15 p. m. 26th.	6.02	5.54 a. m	6.53 a. m.	3.26	.07	.17	.24	.35	.46	.52	.63	.75	.85	.92	1.00			
New Haven, Conn.:																				
Aug. 29–30	8.50 p. m.	D. N. a. m.	1.18	11.49 p. m.	12.18 a. m.	.06	.14	.37	.45	.62	.80	.85								
Oct. 1–2	5.15 p. m.	D. N. a. m.	2.90	7.23 p. m.	8.18 p. m.	.27	.18	.25	.34	.43	.61	.68	.76	.78	.83	.93				
MIDDLE ATLANTIC STATES.																				
Albany, N. Y.:																				
June 25	1.23 p. m.	3.20 p. m.	.92	2.22 p. m.	2.55 p. m.	.10	.10	.23	.41	.57	.70	.75	.79							
July 28	11.08 a. m.	12.30 p. m.	.60	11.08 a. m.	11.33 a. m.	.00	.09	.29	.39	.43	.51									
Binghamton, N. Y.:																				
Sept. 21–22	3.40 p. m.	2.00 a. m.	2.27	4.19 p. m.	5.49 p. m.	.12	.05	.13	.22	.28	.34	.40	.50	.55	.64	.69	.82	1.06	1.27	

[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 ATLANTIC STATES—contd.																				
New York, N. Y.:																				
June 7	3.44 p. m.	4.55 p. m.	0.77	3.57 p. m.	4.22 p. m.	0.06	0.14	0.32	0.47	0.60	0.66									
July 5	1.11 p. m.	1.46 p. m.	1.06	1.15 p. m.	1.30 p. m.	T.	.22	.65	1.00											
Sept. 4–5	9.48 p. m.	1.40 a. m.	3.38	10.36 p. m.	11.20 p. m.	.24	.08	.18	.29	.45	.53	0.58	0.62	0.62	0.69	0.73				
				11.20 p. m.	12.10 a. m.	.....	.85	.96	1.05	1.27	1.47	1.69	2.05	2.33	2.40	2.49				
				12.10 a. m.	12.45 a. m.	.....	2.59	2.73	2.73	2.73	2.86	2.96	3.11							
Oct. 1	6.50 a. m.	6.35 p. m.	4.86	1.10 p. m.	2.00 p. m.	.93	.05	.14	.25	.42	.54	.65	.74	.83	.96	1.02				
				2.00 p. m.	2.50 p. m.	.....	1.06	1.15	1.21	1.62	1.91	2.14	2.58	2.66	2.85	3.00				
				2.50 p. m.	3.40 p. m.	.....	3.10	3.24	3.32	3.34	3.38	3.39	3.39	3.43	3.49	3.64				
				3.40 p. m.	3.45 p. m.	.....	3.69													
Harrisburg, Pa.:																				
Mar. 26–27	2.32 p. m.	12.10 p. m.	2.31	3.36 a. m.	4.11 a. m.	.47	.03	.18	.27	.30	.34	.46	.59							
July 23	11.40 a. m.	1.20 p. m.	1.08	11.43 a. m.	12.03 p. m.	.02	.39	.78	.93	.96										
Aug. 6	6.35 p. m.	10.00 p. m.	2.56	6.44 p. m.	8.01 p. m.	.01	.19	.32	.35	.41	.68	.94	1.21	1.37	1.53	1.81	1.93	2.44		
Sept. 21	1.48 p. m.	9.10 p. m.	1.54	2.58 p. m.	3.21 p. m.	.30	.14	.28	.42	.68	.77									
Sept. 30–Oct. 1	9.33 p. m.	7.00 a. m.	2.52	4.28 a. m.	5.28 a. m.	1.17	.06	.11	.24	.29	.31	.34	.40	.62	.87	.98	1.14			
Philadelphia, Pa.:																				
June 20	8.08 p. m.	D. N. p. m.	1.62	8.18 p. m.	8.47 p. m.	.01	.34	.53	.73	.95	1.33	1.43								
July 5	4.04 p. m.	8.20 p. m.	1.17	4.16 p. m.	4.55 p. m.	.05	.18	.52	.62	.62	.63	.66	.90	1.00						
July 24	2.14 p. m.	2.30 p. m.	.72	2.16 p. m.	2.28 p. m.	.01	.45	.68	.71											
Aug. 1	5.51 p. m.	6.54 p. m.	.75	6.09 p. m.	6.46 p. m.	.01	.14	.18	.18	.20	.38	.60	.71	.74						
Aug. 6–7	9.41 p. m.	D. N. a. m.	1.72	9.45 p. m.	10.35 p. m.	.01	.32	.47	.58	.70	.93	1.03	1.10	1.22	1.28	1.36				
Sept. 21–22	6.30 p. m.	D. N. a. m.	1.56	7.53 p. m.	8.27 p. m.	.15	.21	.33	.45	.61	.84	.96	1.14							
Scranton, Pa.:																				
July 12	4.20 p. m.	6.00 p. m.	.53	4.48 p. m.	5.05 p. m.	.01	.24	.38	.49	.52										
Aug. 1–2	10.00 p. m.	12.45 a. m.	1.14	10.33 p. m.	11.13 p. m.	.05	.06	.15	.28	.42	.49	.59	.70	.82						
Sept. 21–22	4.50 p. m.	D. N. a. m.	1.75	6.35 p. m.	7.35 p. m.	.55	.09	.18	.24	.31	.38	.46	.53	.59	.66	.72	.93			
Atlantic City, N. J.:																				
June 7	7.15 p. m.	D. N. p. m.	1.10	7.35 p. m.	8.07 p. m.	.02	.24	.39	.56	.69	.75	.82	.85							
Aug. 6–7	11.25 p. m.	D. N. a. m.	1.30	1.03 a. m.	1.31 a. m.	.10	.12	.34	.51	.67	.92	.99								
Sept. 7–8	11.40 p. m.	D. N. a. m.	1.58	12.01 a. m.	12.19 a. m.	.09	.11	.26	.43	.53										
				4.46 a. m.	5.01 a. m.	.96	.17	.43	.59											
Dec. 23	8.00 p. m.	D. N. p. m.	.78	8.36 p. m.	8.44 p. m.	.22	.31	.50												
Baltimore, Md.:																				
July 28	4.16 p. m.	5.54 p. m.	.66	5.12 p. m.	5.27 p. m.	.09	.23	.38	.53											
Aug. 1	9.25 a. m.	10.40 a. m.	1.23	9.57 a. m.	10.37 a. m.	.02	.20	.32	.39	.53	.69	.97	1.08	1.21						
	8.25 p. m.	10.06 p. m.	1.52	8.30 p. m.	9.04 p. m.	.01	.15	.36	.67	1.01	1.24	1.38	1.45							
Aug. 10	2.40 p. m.	3.20 p. m.	.53	2.46 p. m.	3.07 p. m.	.01	.08	.19	.36	.48	.51									
Washington, D. C.:																				
June 16	7.17 p. m.	9.35 p. m.	.75	7.27 p. m.	7.48 p. m.	.01	.23	.33	.52	.67	.73									
July 30	3.00 p. m.	5.30 p. m.	2.02	3.10 p. m.	3.27 p. m.	.01	.52	1.21	1.51	1.56										
Aug. 1	8.45 p. m.	11.05 p. m.	1.77	9.32 p. m.	10.01 p. m.	.01	.10	.21	.45	.75	1.04	1.09								
				10.32 p. m.	10.50 p. m.	1.14	.18	.38	.56	.63										
Aug. 29	8.50 p. m.	11.45 p. m.	1.44	9.46 p. m.	10.15 p. m.	.05	.22	.55	.84	.97	1.12	1.31								
Sept. 21	3.20 p. m.	8.05 p. m.	.93	3.38 p. m.	3.55 p. m.	.09	.37	.51	.67	.70										
Cape Henry, Va.:																				
June 2	4.20 a. m.	6.45 a. m.	1.78	6.09 a. m.	6.39 a. m.	.75	.05	.17	.44	.67	.92	1.00								
June 8–9	7.40 a. m.	D. N. a. m.	1.49	9.14 p. m.	9.59 p. m.	.10	.05	.15	.43	.63	.75	.80	.92	1.05	1.10					
July 5–6	11.10 p. m.	D. N. a. m.	1.38	11.29 p. m.	12.08 a. m.	.02	.11	.39	.49	.54	.66	.79	.90	.96						
July 19	6.15 p. m.	10.00 p. m.	1.49	6.26 p. m.	7.05 p. m.	.01	.12	.37	.63	.83	.99	1.13	1.29	1.40						
Aug. 1	D. N. a. m.	D. N. a. m.	.82	12.57 a. m.	1.18 a. m.	.05	.10	.32	.52	.69	.76									
Aug. 4	9.10 p. m.	10.05 p. m.	1.33	9.13 p. m.	9.48 p. m.	.01	.13	.26	.41	.70	.91	1.23	1.28							
Sept. 19	4.30 p. m.	8.20 p. m.	1.10	6.12 p. m.	6.57 p. m.	.14	.05	.09	.20	.31	.44	.50	.53	.60	.68					
Lynchburg, Va.:																				
Mar. 13–14	8.10 p. m.	6.55 a. m.	2.18	3.09 a. m.	3.34 a. m.	1.14	.12	.15	.19	.46	.56									
May 23–24	5.00 p. m.	6.10 a. m.	1.83	7.08 p. m.	7.43 p. m.	.41	.12	.26	.38	.49	.53	.59	.67							
June 22	7.00 p. m.	7.15 a. m.	1.59	7.17 p. m.	7.35 p. m.	.01	.05	.17	.52	.68										
Mount Weather, Va.:																				
July 5	6.01 p. m.	9.15 p. m.	.71	6.04 p. m.	6.19 p. m.	.01	.18	.48	.57											
Aug. 10	2.40 p. m.	4.10 p. m.	1.03	2.58 p. m.	3.28 p. m.	.02	.09	.20	.40	.63	.84	.92								
Sept. 30	7.20 p. m.	9.30 p. m.	1.11	7.45 p. m.	8.02 p. m.	.01	.25	.66	.83	.87										
Norfolk, Va.:																				
June 7–8	7.20 p. m.	4.00 p. m.	3.17	8.51 p. m.	9.34 p. m.	.15	.06	.22	.36	.49	.65	.74	.92	1.14	1.22					
				5.13 a. m.	6.09 a. m.	1.85	.08	.15	.20	.24	.28	.34	.39	.41	.50	.66	.81			
June 24	7.30 p. m.	9.30 p. m.	.78	8.30 p. m.	9.00 p. m.	.06	.10	.12	.26	.59	.64	.70								
July 2	10.35 p. m.	11.40 p. m.	.59	10.41 p. m.	11.00 p. m.	.01	.11	.36	.48	.56										
July 10	6.35 p. m.	10.00 p. m.	1.00	7.27 p. m.	7.41 p. m.	.08	.34	.71	.79											
July 10–11	11.30 p. m.	3.30 a. m.	1.43	11.36 p. m.	12.09 a. m.	.01	.15	.26	.40	.69	.80	.94	1.03							
July 15	3.50 p. m.	6.50 p. m.	.88	4.02 p. m.	4.32 p. m.	.01	.05	.09	.20	.38	.47	.54								
July 19	5.35 p. m.	9.35 p. m.	1.68	6.36 p. m.	7.10 p. m.	.39	.17	.47	.64	.74	.84	.95	1.01							
July 25	1.45 a. m.	3.15 a. m.	1.01	2.00 a. m.	2.48 a. m.	.05	.15	.24	.34	.53	.66	.68	.71	.81	.90	.95				
Aug. 4	9.55 p. m.	11.15 p. m.	.66	10.12 p. m.	10.38 p. m.	.14	.09	.23	.28	.38	.47	.50								
Aug. 7	1.25 a. m.	5.35 a. m.	1.27	4.46 a. m.	5.18 a. m.	.30	.39	.51	.66	.78	.81	.84	.93							
Sept. 3	12.30 a. m.	10.30 a. m.	1.29	9.21 a. m.	9.41 a. m.	.50	.09	.24	.58	.76										
Sept. 6	2.25 p. m.	3.25 p. m.	.70	2.36 p. m.	3.00 p. m.	.01	.18	.39	.49	.59	.64									
Sept. 19	4.05 p. m.	8.15 p. m.	1.40	5.37 p. m.	6.15 p. m.	.42	.07	.18	.36	.50	.56	.62	.69	.73						
Richmond, Va.:																				
May 17	2.05 p. m.	3.55 p. m.	.92	2.25 p. m.	2.52 p. m.	.05	.07	.12	.18	.49	.67	.74								
May 30	3.57 p. m.	5.25 p. m.	.74	4.21 p. m.	4.48 p. m.	.01	.09	.42	.53	.62	.67	.70								
June 7	2.29 p. m.	9.15 p. m.	1.68	2.45 p. m.	3.45 p. m.	.13	.21	.32	.34	.34	.37	.41	.55	.67	.82	.99	1.09			
June 22–23	8.34 p. m.	2.00 a. m.	1.34	8.38 p. m.	9.03 p. m.	.01	.30	.74	.82	.90	.95									
July 18	1.11 a. m.	1.55 a. m.	1.42	1.18 a. m.	1.45 a. m.	.01	.24	.46	.62	1.11	1.37	1.40								
Aug. 19	2.31 p. m.	4.50 p. m.	1.42	2.46 p. m.	3.36 p. m.	.01	.12	.37	.67	.78	.80	.89	.99	1.14	1.25	1.33				
Aug. 29	4.14 p. m.	8.10 p. m.	1.82	4.35 p. m.	5.15 p. m.	.01	.13	.32	.56	.63	.81	1.19	1.39	1.60						
Sept. 3	10.42 a. m.	1.05 p. m.	.94	12.01 p. m.	12.44 p. m.	.26	.05	.10	.24	.26	.28	.36	.48	.57	.68					

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 27	1.45 p. m.	2.20 p. m.	0.68	1.47 p. m.	2.03 p. m.	0.01	0.16	0.47	0.59	0.65										
June 24	2.53 p. m.	4.15 p. m.	.61	2.55 p. m.	3.20 p. m.	.01	.19	.29	.36	.43	0.59									
July 28	2.05 p. m.	3.00 p. m.	1.13	2..8 p. m.	2.36 p. m.	.01	.16	.48	.63	.71	.95	1.08								
Aug. 5	7.35 p. m.	11.00 p. m.	.76	9.59 p. m.	10.35 p. m.	.09	.07	.18	.28	.32	.45	.53	0.58	0.63						
Aug. 12	1.25 p. m.	2.10 p. m.	.57	1.27 p. m.	1.43 p. m.	.03	.19	.41	.52	.54										
Aug. 14	6.40 p. m.	7.45 p. m.	.82	6.45 p. m.	6.57 p. m.	.01	.40	.71	.75											
Aug. 18	5.40 p. m.	8.05 p. m.	.72	5.44 p. m.	6.10 p. m.	.01	.10	.27	.41	.47	.57	.61								
Asheville, N. C.:																				
May 18	1.05 p. m.	2.30 p. m.	.77	1.12 p. m.	1.40 p. m.	.01	.17	.44	.55	.62	.68	.72								
July 31	2.14 p. m.	3.05 p. m.	.89	2.23 p. m.	2.51 p. m.	.01	.15	.25	.34	.63	.81	.88								
Sept. 20–21	8.50 p. m.	7.20 a. m.	1.62	9.28 p. m.	10.14 p. m.	.06	.06	.25	.48	.57	.68	.72	.80	.91	0.97	1.02				
Charlotte, N. C.:																				
May 21	8.16 a. m.	8.48 a. m.	.52	8.21 a. m.	8.41 a. m.	.01	.18	.27	.43	.50										
June 2	D. N. a. m.	D. N. a. m.	.89	12.09 a. m.	12.29 a. m.	.03	.12	.31	.49	.58										
July 4	6.42 p. m.	D. N. p. m.	2.36	6.48 p. m.	8.27 p. m.	.01	.24	.56	.79	.87	1.08	1.19	1.33	1.37	1.38	1.45	1.60	1.87	2.27	
Aug. 5	9.04 p. m.	D. N. p. m.	1.14	9.22 p. m.	9.57 p. m.	.04	.08	.17	.41	.53	.80	.92	1.04							
Aug. 12	7.50 p. m.	9.42 p. m.	.76	7.53 p. m.	8.13 p. m.	.01	.09	.18	.51	.69										
Hatteras, N. C.:																				
Jan. 23	12.02 p. m.	6.55 p. m.	.84	1.11 p. m.	1.24 p. m.	.21	.14	.35	.52											
July 25	2.49 p. m.	10.15 p. m.	.98	4.55 p. m.	5.14 p. m.	.12	.07	.17	.28	.50										
July 26	2.10 a. m.	7.50 a. m.	1.39	5.19 a. m.	5.32 a. m.	.48	.21	.49	.58											
Aug. 11	2.24 p. m.	3.12 p. m.	.66	2.30 p. m.	2.45 p. m.	.01	.25	.51	.64											
Aug. 24	D. N. a. m.	10.18 a. m.	2.20	6.00 a. m.	6.43 a. m.	.54	.08	.19	.39	.73	.95	1.21	1.43	1.58	1.61					
Sept. 18	7.01 p. m.	11.18 p. m.	.96	7.59 p. m.	8.34 p. m.	.15	.05	.16	.28	.38	.43	.56	.72							
				12.15 a. m.	1.05 a. m.	.05	.14	.23	.27	.49	.53	.64	.71	.78	.83	.87				
Oct. 25	12.03 a. m.	10.23 a. m.	3.49	1.05 a. m.	1.55 a. m.		1.04	1.12	1.23	1.37	1.42	1.47	1.48	1.50	1.54	1.58				
				1.55 a. m.	2.22 a. m.		1.62	1.71	1.82	1.88	1.93	1.96								
Raleigh, N. C.:																				
May 27	9.50 a. m.	2.55 p. m.	.77	1.18 p. m.	1.35 p. m.	.14	.21	.37	.49	.54										
June 23–24	7.51 p. m.	D. N. a. m.	1.64	7.53 p. m.	8.15 p. m.	.01	.50	.74	.86	.96	1.00									
June 28	7.45 p. m.	D. N. p. m.	.74	7.45 p. m.	8.02 p. m.	.00	.12	.39	.62	.67										
July 3	6.21 p. m.	7.20 p. m.	.92	6.24 p. m.	6.51 p. m.	.01	.17	.31	.49	.71	.82	.87								
July 29	5.55 p. m.	8.05 p. m.	1.37	6.09 p. m.	6.43 p. m.	.03	.08	.21	.42	.65	1.07	1.27	1.32							
Aug. 5	4.40 p. m.	6.30 p. m.	1.39	5.01 p. m.	5.39 p. m.	.05	.26	.56	.85	.97	1.04	1.15	1.24	1.30						
Aug. 11	1.31 p. m.	1.58 p. m.	.61	1.33 p. m.	1.49 p. m.	.01	.13	.40	.57	.60										
Sept. 5	1.42 p. m.	3.50 p. m.	1.47	1.45 p. m.	2.24 p. m.	.01	.22	.71	.97	1.14	1.24	1.30	1.35	1.40						
Wilmington, N. C.:																				
Feb. 20–21	3.02 p. m.	8.55 a.m.	1.94	2.58 a. m.	3.43 a. m.	.52	.10	.17	.26	.35	.48	.57	.62	.67	.72					
Mar. 1	9.30 a. m.	3.50 p. m.	1.51	10.02 a. m.	10.57 a. m.	.02	.14	.38	.51	.53	.58	.62	.66	.76	.84	.89	.97			
Mar. 15	6.25 p. m.	9.10 p. m.	.68	7.39 p. m.	8.00 p. m.	.12	.16	.34	.40	.48	.51									
May 28	6.45 a. m.	8.25 a. m.	.76	7.12 a. m.	7.31 a. m.	.01	.19	.42	.54	.62										
June 8–9	3.07 p. m.	D. N. a. m.	2.09	4.18 p. m.	5.17 p. m.	.55	.17	.29	.45	.57	.66	.71								
June 28	9.35 p. m.	D. N. p. m.	.87	9.37 p. m.	10.00 p. m.	.01	.15	.38	.51	.67	.82									
June 29	1.01 p. m.	2.25 p. m.	.68	1.06 p. m.	1.45 p. m.	.01	.17	.27	.27	.28	.32	.44	.59	.65						
July 15	3.43 p. m.	7.10 p. m.	.78	3.54 p. m.	4.24 p. m.	.03	.08	.17	.28	.47	.57	.66								
July 20–21	9.54 p. m.	6.50 a. m.	2.42	9.54 p. m.	10.43 p. m.	.00	.22	.31	.36	.39	.45	.47	.77	.99	1.05	1.14				
Aug. 8	6.02 p. m.	7.15 p. m.	1.17	6.11 p. m.	6.36 p. m.	.03	.21	.43	.72	.96	1.09									
Aug. 30	2.55 a. m.	6.55 a. m.	2.02	4.17 a. m.	4.48 a. m.	.78	.13	.26	.44	.51	.75	.84	.87							
Oct. 7	4.30 p. m.	7.20 p. m.	.92	6.36 p. m.	7.00 p. m.	.32	.09	.14	.26	.46	.60									
Oct. 10	1.55 p. m.	7.30 p. m.	1.23	3.16 p. m.	3.41 p. m.	.24	.12	.28	.47	.64	.75									
Oct. 24–25	3.45 p. m.	D. N. a. m.	1.65	4.52 p. m.	5.25 p. m.	.08	.17	.32	.46	.60	.74	.85	.93							
Charleston, S. C.:																				
July 15	7.42 p. m.	10.28 p. m.	1.01	7.52 p. m.	8.30 p. m.	.01	.20	.38	.41	.43	.47	.53	.77	.83						
July 20–21	10.52 p. m.	D. N. a. m.	2.66	11.23 p. m.	12.55 a. m.	.01	.06	.20	.32	.50	.64	.75	.80	.83	.93	1.10	1.43	1.85	2.20	
July 21	2.45 p. m.	3.38 p. m.	.75	3.02 p. m.	3.23 p. m.	.01	.42	.58	.72	.74										
Aug. 26	3.00 a. m.	7.10 a. m.	1.09	4.58 a. m.	5.26 a. m.	.27	.08	.20	.37	.52	.61	.67								
				12.40 p. m.	1.30 p. m.	.01	.22	.30	.37	.46	.50	.56	.75	1.09	1.23	1.47				
Sept. 5	12.58 p. m.	5.44 p. m.	3.17	1.30 p. m.	2.20 p. m.		1.73	1.92	1.99	2.00	2.01	2.01	2.01	2.04	2.19	2.43				
				2.20 p. m.	2.51 p. m.		2.58	2.67	2.79	2.89	2.96	3.11	3.13							
Sept. 18	5.09 p. m.	5.58 p. m.	.53	5.09 p. m.	5.27 p. m.	.00	.10	.20	.44	.53										
	7.10 p. m.	9.36 p. m.	.85	7.19 p. m.	7.42 p. m.	.04	.11	.25	.37	.55	.61									
Oct. 24	D. N. a. m.	9.10 a. m.	1.81	3.49 a. m.	4.38 a. m.	.57	.05	.20	.37	.50	.72	.83	.85	.91	1.01	1.09				
Nov. 8–9	5.52 p. m.	D. N. a. m.	1.19	7.50 p. m.	8.21 p. m.	.03	.07	.11	.17	.34	.55	.67	.71							
Columbia, S. C.:																				
Mar. 14	10.30 a. m.	5.40 p. m.	1.32	2.10 p. m.	2.31 p. m.	.47	.09	.29	.52	.69	.71									
May 21	3.10 p. m.	4.35 p. m.	.63	3.14 p. m.	3.38 p. m.	.02	.13	.14	.22	.35	.52									
June 26–27	D. N. p. m.	D. N. a. m.	.71	11.53 p. m.	12.13 a. m.	.01	.21	.43	.58	.66										
July 19	3.55 p. m.	5.30 p. m.	1.66	4.37 p. m.	5.24 p. m.	.23	.29	.44	.67	.79	.97	1.07	1.21	1.38	1.43					
July 19–20	8.40 p. m.	D. N. a. m.	1.04	9.14 p. m.	9.25 p. m.	.15	.29	.59	.62											
July 22	6.10 p. m.	10.15 p. m.	1.49	7.21 p. m.	8.21 p. m.	.42	.08	.13	.24	.32	.37	.46	.52	.63	.73	.85	1.03			
Aug. 3	1.00 p. m.	2.05 p. m.	.83	1.11 p. m.	1.42 p. m.	.01	.07	.24	.42	.61	.71	.79	.81							
Sept. 16	9.00 a. m.	5.48 p. m.	1.58	4.10 p. m.	4.40 p. m.	.92	.06	.13	.23	.36	.51	.62								
Sept. 18	6.30 a. m.	8.00 p. m.	1.48	11.30 a. m.	11.48 a. m.	.56	.30	.60	.69	.74										
Augusta, Ga.:																				
June 7	6.20 p. m.	8.30 p. m.	.71	7.17 p. m.	7.29 p. m.	.04	.23	.58	.64											
June 8	7.10 p. m.	D. N. p. m.	.90	7.14 p. m.	7.25 p. m.	.01	.44	.72	.77											
June 22	7.05 p. m.	10.30 p. m.	1.38	7.18 p. m.	7.53 p. m.	.01	.11	.39	.60	.74	.87	1.06	1.14	1.20						
July 26	4.20 p. m.	5.45 p. m.	1.28	4.48 p. m.	5.17 p. m.	.06	.08	.19	.41	.68	.95	1.12								
July 27	4.40 p. m.	7.10 p. m.	.96	4.56 p. m.	5.14 p. m.	.02	.43	.66	.78	.86										
July 31–Aug. 1	10.30 p. m.	D. N. a. m.	1.35	10.42 p. m.	11.15 p. m.	.03	.29	.74	.98	1.06	1.14	1.20	1.25							
Aug. 7	4.23 p. m.	8.30 p. m	.93	4.29 p. m.	4.44 p. m.	.03	.53	.64												
Aug. 26	9.50 a. m.	2.15 p. m.	1.64	11.12 a. m.	11.40 a. m.	.04	.25	.63	1.07	1.33	1.47	1.54								
Sept. 29	7.35 p. m.	D. N. p. m.	1.19	8.20 p. m.	8.50 p. m.	.14	.07	.13	.25	.43	.61	.74								
Savannah, Ga.:																				
Feb. 20	D. N. a. m.	8.35 a. m.	1.41	5.16 a. m.	5.42 a. m.	.74	.07	.16	.24	.39	.54	.57								
Mar. 1	9.04 a. m.	7.40 p. m.	1.94	9.39 a. m.	9.57 a. m.	.17	.23	.42	.60	.66										
Mar. 21	3.20 p. m.	5.50 p. m.	.92	3.59 p. m.	4.28 p. m.	.14	.08	.10	.17	.21	.44	.55								
May 15	1.54 p. m.	2.36 p. m.	.56	1.57 p. m.	2.15 p. m.	.01	.20	.34	.46	.52										
June 22	3.25 p. m.	5.15 p. m.	1.72	3.43 p. m.	4.29 p. m.	.01	.40	.66	1.05	1.26	1.35	1.42	1.50	1.55	1.63	1.65				

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.																				
Savanah, Ga.:																				
July 17	3.12 p. m.	5.00 p. m.	0.86	3.15 p. m.	3.33 p. m.	0.01	0.10	0.36	0.72	0.80										
July 21	12.30 a. m.	D. N. a. m.	1.52	1.00 a. m.	1.44 a. m.	.11	.05	.18	.25	.41	.56	.76	1.11	1.33	1.41					
July 22	3.08 p. m.	7.15 p. m.	1.31	3.10 p. m.	3.42 p. m.	.01	.07	.28	.51	.71	.86	.96	1.00							
July 27	6.30 p. m.	D. N. p. m.	.77	6.30 p. m.	6.43 p. m.	.00	.16	.42	.56											
Aug. 28	9.22 a. m.	10.50 p. m.	1.88	9.24 a. m. 10.38 a. m.	10.08 a. m. 10.59 a. m.	.01 1.14	.21 .10	.31 .24	.39 .39	.50 .50	.57 .58	.71	.85	.91	.97					
Sept. 5	8.34 a. m.	9.55 a. m.	1.02	8.58 a. m.	9.40 a. m.	.03	.13	.25	.46	.52	.53	.62	.81	.90	.92					
Nov. 8	5.05 p. m.	10.30 p. m.	1.80	5.16 p. m.	6.15 p. m.	.04	.33	.57	.66	.77	[1].88	[1].95	[1].02	[1].09	[1].17	[1].25	[1].37			
Jacksonville, Fla.:																				
Jan. 2	7.35 a. m.	D. N. p. m.	1.02	11.22 a. m.	11.59 a. m.	.09	.17	.40	.43	.47	.51	.59	.75	.78						
Mar. 13	8.55 p. m.	D. N. p. m.	1.34	9.34 p. m.	10.16 p. m.	.08	.19	.29	.35	.41	.50	.55	.66	.70	.76					
Mar. 20	4.30 p. m.	5.15 p. m.	.54	4.39 p. m.	4.59 p. m.	.01	.10	.25	.44	.51										
June 2	2.50 p. m.	4.15 p. m.	.85	2.59 p. m.	3.35 p. m.	.01	.08	.18	.31	.45	.57	.67	.75	.80						
June 9	11.54 a. m.	1.40 p. m.	1.42	12.20 p. m.	1.05 p. m.	.02	.32	.47	.59	.72	.90	1.08	1.12	1.18	1.28					
July 13	11.35 a. m.	1.10 p. m.	2.15	11.53 a. m.	12.23 p. m.	.01	.21	.71	1.20	1.67	1.89	2.04								
July 21	3.55 p. m.	6.30 p. m.	.64	4.35 p. m.	4.57 p. m.	.02	.30	.43	.50	.57	.61									
July 28	2.00 p. m.	5.10 p. m.	1.64	2.03 p. m.	2.52 p. m.	.02	.26	.30	.39	.45	.65	.91	.98	1.09	1.18	1.25				
Aug. 6	12.40 p. m.	1.25 p. m.	.63	12.47 p. m.	1.02 p. m.	.01	.21	.44	.60											
Aug. 8	2.59 p. m.	5.10 p. m.	.89	3.10 p. m.	3.54 p. m.	.01	.13	.17	.24	.28	.40	.52	.67	.77	.82					
Sept. 19	11.45 a. m.	2.44 p. m.	.82	11.54 a. m.	12.30 p. m.	.02	.07	.19	.29	.29	.31	.46	.71	.74						
FLORIDA PENINSULA.																				
Miami, Fla.:																				
Mar. 2	10.45 a. m.	11.55 a. m.	.75	11.06 a. m.	11.37 a. m.	.03	.15	.21	.44	.57	.58	.67	.71							
Mar. 18–19	6.10 p. m.	D. N. a. m.	.74	8.42 p. m.	9.02 p. m.	.04	.13	.30	.45	.52										
Apr. 12	D. N. a. m.	5.57 a. m.	1.34	5.34 a. m.	5.45 a. m.	.69	.28	.58	.63											
May 11	7.40 p. m.	9.05 p. m.	1.21	7.45 p. m.	8.17 p. m.	.01	.27	.62	.80	.92	1.00	1.06	1.11							
May 24	11.41 a. m.	D. N. p. m.	2.79	11.52 a. m.	1.18 p. m.	.06	.06	.41	.62	.67	.69	.69	.71	.75	.81	.91	.97	1.24	1.39	
May 25	5.25 p. m.	D. N. p. m.	2.69	5.30 p. m.	6.19 p. m.	.01	.20	.59	1.05	1.43	1.74	1.85	2.02	2.24	2.31	2.36				
June 12	5.50 p. m.	7.45 p. m.	.80	6.17 p. m.	7.07 p. m.	.01	.08	.19	.30	.34	.44	.48	.51	.56	.62	.70				
June 20	3.53 p. m.	5.20 p. m.	.78	4.23 p. m.	4.41 p. m.	.03	.12	.45	.64	.70										
Aug. 6–7	5.20 p. m.	D. N. a. m.	1.73	5.27 p. m. 9.59 p. m.	5.51 p. m. 10.28 p. m.	.02 .77	.19 .15	.29 .31	.38 .40	.50 .50	.57 .57	.63								
Aug. 16	12.45 p. m.	1.25 p. m.	1.07	12.54 p. m.	1.13 p. m.	.01	.13	.57	.85	1.05										
Sept. 6	12.31 p. m.	3.50 p. m.	2.33	12.41 p. m.	1.29 p. m.	.03	.33	.49	.68	.88	1.14	1.48	1.73	1.92	2.09	2.17				
Sept. 16	11.02 a. m.	11.22 a. m.	.59	11.03 a. m.	11.15 a. m.	.01	.30	.49	.58											
Oct. 30	9.25 a. m.	3.10 p. m.	1.61	11.00 a. m.	11.27 a. m.	.15	.17	.45	.67	.87	.96	1.02								
Oct. 31	9.53 a. m.	4.05 p. m.	2.18	10.42 a. m.	12.02 p. m.	.03	.06	.13	.29	.42	.48	.51	.53	.60	.65	.82	1.20	1.60		
Key West, Fla.:																				
Jan. 27	2.23 p. m.	4.20 p. m.	.74	2.23 p. m.	2.35 p. m.	.00	.31	.51	.54											
Feb. 19–20	9.10 p. m.	12.30 a. m.	1.36	9.28 p. m.	10.06 p. m.	.02	.18	.49	.76	.84	.92	.96	1.02	1.05						
May 26	10.03 a. m.	11.30 a. m.	1.06	10.33 a. m.	11.09 a. m.	.05	.10	.25	.42	.53	.68	.78	.98	1.01						
June 15	10.30 a. m.	2.45 p. m.	1.25	10.39 a. m.	11.10 a. m.	.03	.29	.48	.63	.84	1.07	1.19	1.20							
Aug. 22	D. N. a. m.	11.55 a. m.	1.19	7.19 a. m.	7.34 a. m.	.34	.14	.35	.51											
Aug. 24	4.29 p. m.	6.20 p. m.	.69	5.06 p. m.	5.26 p. m.	.09	.20	.35	.45	.56										
Sept. 4–5	8.35 p. m.	5.30 a. m.	1.76	3.29 a. m.	4.22 a. m.	.14	.06	.10	.25	.52	.83	.99	1.14	1.21	1.26	1.31	1.49			
Sept. 5	6.55 a. m.	11.15 a. m.	1.89	8.42 a. m.	9.36 a. m.	.24	.20	.25	.31	.38	.59	.81	1.03	1.16	1.27	1.39	1.48			
Oct. 28	12.10 a. m.	D. N. a. m.	1.27	1.14 a. m.	1.37 a. m.	.41	.09	.12	.32	.74	.81									
Tampa, Fla.:																				
June 21	10.15 p. m.	11.55 p. m.	1.61	10.52 p. m.	11.21 p. m.	.06	.19	.54	.87	1.15	1.40	1.50								
June 24	3.25 p. m.	4.20 p. m.	1.12	3.27 p. m.	3.56 p. m.	.01	.32	.55	.63	.64	.92	1.03								
June 27	3.59 p. m.	5.58 p. m.	1.86	4.19 p. m.	4.49 p. m.	.01	.16	.61	1.19	1.55	1.65	1.71								
July 3	3.00 p. m.	4.50 p. m.	.79	3.15 p. m.	3.45 p. m.	.02	.16	.33	.46	.59	.69	.76								
July 16	12.45 p. m.	3.15 p. m.	1.54	1.58 p. m.	2.43 p. m.	.33	.12	.25	.38	.47	.53	.78	.86	1.01	1.17					
July 24	4.46 p. m.	6.25 p. m.	1.00	4.46 p. m.	5.05 p. m.	.00	.22	.50	.66	.71										
July 25	4.00 p. m.	5.55 p. m.	.92	4.52 p. m.	5.17 p. m.	.20	.15	.37	.55	.61	.68									
Aug. 3	D. N. a. m.	D. N. a. m.	.71	4.18 a. m.	4.32 a. m.	.01	.26	.56	.63											
Aug. 3–4	7.32 p. m.	7.40 a. m.	2.00	7.34 p. m.	8.08 p. m.	.01	.29	.55	.84	1.07	1.23	1.46	1.53							
Aug. 6	9.54 a. m.	11.00 a. m.	.65	10.02 a. m.	10.22 a. m.	.01	.15	.32	.48	.55										
Aug. 10	1.00 p. m.	5.25 p. m.	1.07	1.22 p. m.	1.51 p. m.	.08	.08	.10	.20	.59	.81	.86								
Aug. 15	1.10 p. m.	4.15 p. m.	1.98	1.40 p. m.	2.25 p. m.	.09	.11	.27	.45	.75	1.08	1.40	1.55	1.72	1.85					
Aug. 21	5.40 p. m.	6.05 p. m.	.55	5.47 p. m.	5.57 p. m.	.01	.28	.53												
Dec. 22–23	1.30 p. m.	D. N. a. m.	1.60	9.19 p. m.	9.45 p. m.	.58	.10	.26	.41	.60	.75	.79								
EAST GULF STATES.																				
Atlanta, Ga.:																				
Mar. 14	D. N. a. m.	9.20 a. m.	1.53	2.13 a. m.	2.47 a. m.	.10	.17	.49	.64	.80	1.08	1.17	1.21							
Mar. 14–15	7.50 p. m.	4.00 a. m.	1.30	1.58 a. m.	2.23 a. m.	.58	.11	.32	.43	.55	.65									
Mar. 21	5.05 a. m.	8.35 a. m.	1.22	5.41 a. m.	6.16 a. m.	.01	.21	.39	.51	.55	.60	.71	.77							
June 22	3.30 p. m.	5.10 p. m.	1.23	3.40 p. m.	4.42 p. m.	.01	.12	.28	.44	.48	.49	.49	.50	.54	.64	.92	1.14	1.25		
July 31	3.20 p. m.	4.38 p. m.	.95	3.25 p. m.	3.54 p. m.	.01	.13	.33	.48	.61	.75	.82								
Macon, Ga.:																				
Feb. 28–Mar. 1	8.10 p. m.	8.19 p. m.	3.79	1.51 a. m.	3.25 a. m.	.89	.27	.31	.42	.64	.81	1.01	1.17	1.25	1.31	1.36	1.42	1.59	1.98	
Mar. 27	D. N. a. m.	D. N. a. m.	.83	1.28 a. m.	2.08 a. m.	.01	.22	.26	.29	.32	.39	.51	.65	.73						
June 7	4.18 p. m.	D. N. p. m.	1.88	4.22 p. m.	5.00 p. m.	.01	.23	.53	.91	1.14	1.30	1.38	1.43	1.49						
July 4	6.03 p. m.	D. N. p. m.	1.65	6.09 p. m.	7.10 p. m.	.01	.07	.13	.18	.37	.49	.59	.71	.88	1.06	1.28	1.50	1.56		
Aug. 3	6.35 p. m.	7.45 p. m.	1.01	6.41 p. m.	7.11 p. m.	.01	.11	.29	.51	.71	.84	.94								
Sept. 29	5.20 p. m.	6.55 p. m.	.69	6.12 p. m.	6.37 p. m.	.10	.19	.27	.42	.50	.57									
Thomasville, Ga.:																				
Feb. 3	2.55 p. m.	6.38 p. m.	1.28	3.41 p. m.	4.26 p. m.	.06	.10	.20	.24	.26	.37	.46	.63	.79	.84					
Feb. 22	12.45 a. m.	7.10 a. m.	1.72	1.20 a. m.	1.45 a. m.	.03	.22	.42	.55	.63	.71									
Mar. 15	9.42 a. m.	11.47 a. m.	.84	10.07 a. m.	10.31 a. m.	.01	.13	.35	.51	.67	.73									
Mar. 21	11.02 a. m.	3.42 p. m.	1.07	11.41 a. m.	12.01 p. m.	.02	.30	.45	.56	.62										
Mar. 27	D. N. a. m.	5.00 a. m.	.68	3.55 a. m.	4.17 a. m.	T.	.05	.13	.30	.52	.61									
Apr. 10–11	9.26 p. m.	5.00 a. m.	.79	1.47 a. m.	2.19 a. m.	.08	.07	.26	.41	.48	.53	.58	.63							
June 4	11.32 a. m.	4.15 p. m.	2.11	1.27 p. m.	2.02 p. m.	.29	.09	.22	.54	.96	1.36	1.68	1.75							
July 3	7.40 p. m.	10.00 p. m.	.87	7.45 p. m.	8.11 p. m.	T.	.23	.52	.69	.75	.80	.83								

[1] 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.
MIDDLE ATLANTIC STATES—contd.																				
Thomasville, Ga.:																				
July 28	6.20 p. m.	10.00 p. m.	1.92	6.45 p. m.	7.15 p. m.	0.01	0.12	0.40	0.61	0.95	1.38	1.51								
Aug. 12	4.48 p. m.	6.05 p. m.	.73	5.32 p. m.	5.52 p. m.	.15	.09	.30	.50	.57										
Aug. 28	5.17 p. m.	9.20 p. m.	1.14	5.25 p. m.	5.56 p. m.	.01	.20	.42	.68	.75	.85	.93	.95							
Oct. 23	12.05 p. m.	8.28 p. m.	2.72	6.26 p. m.	7.03 p. m.	1.63	.07	.21	.71	.82	.85	.92	.97	1.02						
Pensacola, Fla.:																				
Feb. 3	10.52 a. m.	2.30 p. m.	1.18	11.18 a. m.	11.47 a. m.	.03	.14	.18	.34	.45	.76	.84								
Feb. 28	3.55 p. m.	6.05 p. m.	.60	4.44 p. m.	5.01 p. m.	.10	.07	.18	.46	.50										
				11.16 p. m.	12.06 a. m.	.01										1.06				
				12.06 a. m.	12.56 a. m.											1.46				
				12.56 a. m.	1.46 a. m.											2.11				
				1.46 a. m.	2.36 a. m.											2.85				
Mar. 9–10	10.45 p. m.	3.05 p. m.	8.28	2.36 a. m.	3.26 a. m.											3.51				
				3.26 a. m.	4.00 a. m.								3.85							
				6.30 a. m.	7.10 a. m.	4.16	.18	.36	.40	.44	.46	.49	.56	.69						
				9.03 a. m.	10.26 a. m.	5.71	.13	.37	.56	.83	.97	1.11	1.14	1.22	1.32	1.42	1.59	1.96	2.09	
Mar. 15	12.45 a. m.	3.30 a. m.	.78	1.57 a. m.	2.26 a. m.	.11	.08	.10	.36	.47	.55	.61								
Apr. 10	10.10 a. m.	1.40 p. m.	1.93	10.57 a. m.	11.47 a. m.	.03	.14	.21	.24	.33	.67	.89	1.06	1.27	1.40	1.49				
Apr. 20	4.50 p. m.	8.55 p. m.	1.82	5.04 p. m.	5.36 p. m.	.01	.16	.39	.67	.89	1.21	1.30	1.35							
May 16	5.45 p. m.	11.20 p. m.	.74	9.29 p. m.	9.53 p. m.	.05	.14	.28	.45	.61										
July 5	5.30 p. m.	7.40 p. m.	1.13	5.54 p. m.	6.15 p. m.	.02	.30	.61	.85	.98	1.02									
July 22	6.15 a. m.	10.45 a. m.	2.82	6.20 a. m.	7.23 a. m.	.01	.16	.42	.63	.68	.68	.79	.91	1.00	1.02	1.06	1.22	1.34		
				9.02 a. m.	10.17 a. m.	1.40	.19	.26	.41	.52	.59	.64	.67	.75	.83	.86	1.16	1.37		
July 25	10.05 a. m.	12.40 p. m.	1.21	10.08 a. m.	10.27 a. m.	.01	.31	.80	.98	1.08										
July 29	1.05 p. m.	4.10 p. m.	.85	1.17 p. m.	1.33 p. m.	.03	.23	.36	.47	.50										
Aug. 2	3.20 p. m.	5.20 p. m.	.58	3.26 p. m.	3.45 p. m.	.01	.08	.19	.37	.56										
				10.15 a. m.	10.47 a. m.	.02	.24	.50	.62	.67	.74	.80	.86							
Sept. 7	9.45 a. m.	3.50 p. m.	3.42	11.30 a. m.	12.20 p. m.	.96	.22	.25	.48	.62	.72	.77	.80	.84	.87	.88				
				12.20 p. m.	1.02 p. m.		.89	1.07	1.28	1.64	1.84	1.88	2.13	2.36	2.43					
Sept. 15	9.00 a. m.	1.15 p. m.	1.30	9.22 a. m.	10.11 a. m.	.04	.19	.29	.30	.31	.31	.39	.58	.63	.71	.77				
Sept. 17	4.35 p. m.	9.00 p. m.	1.57	5.06 p. m.	6.10 p. m.	.06	.08	.22	.28	.42	.53	.72	.84	.98	1.12	1.24	1.40	1.48		
Anniston, Ala.:																				
Mar. 21	3.50 a. m.	7.05 a. m.	1.41	4.05 a. m.	4.20 a. m.	.05	.33	.75	.92											
Mar. 26	7.10 p. m.	D. N. p. m.	2.65	7.32 p. m.	8.56 p. m.	.10	.13	.43	.67	.78	.83	1.07	1.19	1.26	1.32	1.34	1.36	2.14	2.31	
June 29	4.48 p. m.	6.15 p. m.	1.02	4.57 p. m.	5.33 p. m.	.01	.06	.13	.29	.44	.59	.74	.82	.85						
July 13	1.17 p. m.	2.45 p. m.	.91	1.35 p. m.	1.56 p. m.	.02	.24	.48	.71	.80	.84									
July 20	5.20 p. m.	6.25 p. m.	.76	5.24 p. m.	5.37 p. m.	.01	.31	.62	.73											
Aug. 15	7.05 p. m.	D. N. p. m.	.56	7.13 p. m.	7.22 p. m.	.01	.31	.53												
Sept. 28–29	8.55 p. m.	D. N. a. m.	.93	11.08 p. m.	11.25 p. m.	.12	.10	.23	.44	.51										
Sept. 29	2.13 p. m.	3.00 p. m.	.86	2.15 p. m.	2.27 p. m.	.01	.40	.75	.84											
Oct. 17–18	8.40 p. m.	D. N. a. m.	.98	11.43 p. m.	12.22 a. m.	.16	.07	.13	.29	.34	.38	.45	.60	.73						
Birmingham, Ala.:																				
Jan. 23	4.45 p. m.	6.03 p. m.	.79	4.56 p. m.	5.35 p. m.	.04	.10	.12	.15	.21	.33	.50	.68	.74						
Feb. 26–27	4.14 p. m.	9.25 a. m.	3.35	1.14 a. m.	2.47 a. m.	.19	.21	.42	.72	.87	.99	1.08	1.18	1.27	1.37	1.55	1.67	1.88	2.26	
Mar. 26	4.50 p. m.	D. N. p. m.	1.18	6.40 p. m.	7.02 p. m.	.21	.16	.44	.51	.61	.65									
May 22–23	10.30 a. m.	7.10 a. m.	2.77	12.48 a. m.	1.46 a. m.	1.21	.05	.09	.15	.20	.30	.40	.47	.53	.61	.69	.83			
June 29	8.22 p. m.	D. N. p. m.	.84	8.26 p. m.	8.49 p. m.	.01	.16	.34	.40	.64	.75									
July 22	4.44 p. m.	5.28 p. m.	.59	5.03 p. m.	5.17 p. m.	.03	.26	.45	.56											
July 23	11.26 a. m.	12.40 p. m.	.58	11.34 a. m.	11.56 a. m.	.01	.17	.23	.37	.47	.51									
July 29	4.46 p. m.	8.09 p. m.	.98	5.01 p. m.	5.27 p. m.	.01	.23	.38	.64	.76	.85	.89								
July 16–17	9.24 p. m.	9.20 a. m.	2.03	3.29 a. m.	4.13 a. m.	.25	.09	.29	.42	.51	.65	.78	.90	1.10	1.17					
Nov. 30	5.30 p. m.	D. N. p. m.	1.89	8.17 p. m.	8.29 p. m.	.40	.21	.47	.51											
				10.24 p. m.	11.15 p. m.	1.08	.06	.10	.22	.28	.30	.37	.55	.59	.71	.74	.81			
Mobile, Ala.:																				
Jan. 31	D. N. a. m.	7.55 a. m.	.80	5.36 a. m.	5.56 a. m.	.04	.10	.23	.41	.53										
Mar. 9–10	5.50 p. m.	8.00 a. m.	3.97	8.52 p. m.	9.37 p. m.	.18	.25	.54	.74	.95	1.03	1.11	1.23	1.29	1.38					
				7.19 a. m.	7.44 a. m.	3.14	.23	.48	.62	.71	.83									
Mar. 14	D. N. a. m.	8.30 a. m.	1.56	2.49 a. m.	3.02 a. m.	.14	.25	.55	.65											
	12.55 p. m.	2.20 p. m.	.54	1.34 p. m.	1.50 p. m.	.02	.16	.36	.50											
Apr. 4	10.24 a. m.	3.35 p. m.	1.23	10.29 a. m.	10.48 a. m.	.01	.25	.48	.54	.61										
April 10	6.39 a. m.	12.10 p. m.	1.75	7.32 a. m.	8.33 a. m.	.03	.07	.19	.43	.60	.63	.67	.73	.75	.79	.82	1.22	1.34		
June 28	7.20 p. m.	D. N. p. m.	1.65	7.22 p. m.	7.50 p. m.	.01	.38	.78	1.05	1.16	1.25	1.31								
July 22	D. N. a. m.	5.50 a. m.	.81	4.11 a. m.	4.24 a. m.	.01	.27	.54	.62											
July 29	2.13 p. m.	4.25 p. m.	1.22	2.57 p. m.	3.32 p. m.	.06	.07	.14	.18	.34	.56	.91	1.00							
Aug. 15	6.30 p. m.	9.35 p. m.	1.17	7.13 p. m.	7.54 p. m.	.12	.13	.37	.64	.80	.85	.89	.91	1.01	1.04					
Aug. 26	5.45 p. m.	7.15 p. m.	.98	5.51 p. m.	6.11 p. m.	.01	.26	.43	.63	.81										
Aug. 28	7.05 a. m.	11.00 a. m.	2.09	8.07 a. m.	9.58 a. m.	.03	.11	.21	.35	.43	.52	.62	.70	.75	.82	.89	.91	.96	1.77	2.02
Sept. 13–14	D. N. p. m.	3.25 p. m.	4.18	1.42 a. m.	2.28 a. m.	.39	.40	.19	.19	.19	.19	.20	.34	.52	.68	.71				
				5.12 a. m.	6.12 a. m.	1.30	.13	.20	.39	.48	.56	.71	.84	1.01	1.20	1.43	1.72			
Sept. 15	D. N. a. m.	2.20 p. m.	3.88	12.30 a. m.	1.04 a. m.	.07	.11	.29	.37	.38	.40	.58	.70							
				2.33 a. m.	3.45 a. m.	1.18	.15	.18	.22	.25	.28	.44	.63	.79	.83	.84	1.18	1.74		
Sept. 16	D. N. a. m.	6.40 a. m.	1.17	5.14 a. m.	5.47 a. m.	.02	.12	.13	.33	.42	.49	.63	.71	.74	.75	.75	.85	1.15		
Sept. 30	11.25 a. m.	5.50 p. m.	1.89	1.27 p. m.	2.24 p. m.	.48	.06	.07	.07	.07	.08	.13	.24	.35	.45	.65	.82			
Nov. 29–30	D. N. a. m.	D. N. a. m.	3.75	11.17 p. m.	11.52 p. m.	2.75	.13	.18	.18	.19	.33	.55	.67							
Montgomery, Ala.:																				
Feb. 21–22	8.00 p. m.	D. N. a. m.	1.00	9.31 p. m.	10.07 p. m.	.14	.05	.10	.22	.39	.56	.65	.71	.74						
Feb. 27	D. N. a. m.	10.20 a. m.	2.39	5.06 a. m.	5.32 a. m.	.01	.23	.39	.57	.70	.76	.78								
				6.54 a. m.	7.18 a. m.	1.32	.13	.35	.46	.58	.74									
Mar. 13–14	9.00 p. m.	6.40 a. m.	2.46	9.40 p. m.	11.04 p. m.	.05	.12	.22	.28	.29	.30	.34	.50	.56	.72	.88	1.17	1.99	2.06	
Mar. 21	D. N. a. m.	8.15 a. m.	1.53	5.41 a. m.	6.24 a. m.	.03	.05	.12	.36	.60	.70	.97	1.03	1.10	1.14					
Apr. 10	12.42 p. m.	3.50 p. m.	1.07	12.59 p. m.	1.22 p. m.	.03	.11	.20	.38	.47	.51									
May 23	D. N. a. m.	9.20 a. m.	.59	5.33 a. m.	5.45 a. m.	.07	.06	.43	.50											
June 5–6	9.10 p. m.	D. N. a. m.	.94	9.38 p. m.	9.57 p. m.	.05	.19	.44	.56	.68										
Sept. 15	D. N. a. m.	3.20 p. m.	2.24	7.29 a. m.	8.03 a. m.	.52	.15	.28	.31	.33	.37	.42	.56							
Sept. 29	2.40 p. m.	8.20 p. m.	1.51	5.04 p. m.	5.19 p. m.	.20	.05	.28	.52											
Oct. 18	D. N. a. m.	D. N. a. m.	.39	4.08 a. m.	4.29 a. m.	.06	.07	.21	.40	.47	.51									

[1] 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—continued.																				
Meridian, Miss.:																				
Jan. 7	7.40 p. m.	D. N. p. m.	1.17	8.46 p. m.	9.10 p. m.	0.07	0.10	0.31	0.56	0.86	0.98									
Feb. 27	D. N. a. m.	8.10 a. m.	1.51	2.27 a. m.	3.07 a. m.	.01	.18	.37	.44	.50	.60	0.63	0.68	0.78						
Apr. 4	D. N. a. m.	10.40 a. m.	1.25	4.57 a. m.	5.26 a. m.	.09	.13	.20	.35	.42	.50	.58								
May 9	2.06 p. m.	3.10 p. m.	.91	2.14 p. m.	2.52 p. m.	.01	.18	.33	.49	.60	.69	.77	.82	.87						
May 15–16	6.35 p. m.	D. N. a. m.	1.52	7.18 p. m.	7.40 p. m.	.07	.08	.24	.32	.48	.52									
May 22	9.15 p. m. 21st.	D. N. a. m. 23d.	2.69	8.24 p. m.	9.20 p. m.	1.43	.05	.17	.27	.43	.55	.62	.68	.74	0.79	0.89	0.97			
June 8	3.25 p. m.	7.20 p. m.	2.28	4.30 p. m.	5.17 p. m.	.54	.09	.42	.60	.85	.96	1.19	1.36	1.48	1.60					
July 10	3.41 p. m.	4.20 p. m.	.66	3.49 p. m.	4.09 p. m.	.01	.29	.41	.57	.63										
July 23	3.40 p. m.	5.35 p. m.	.89	3.47 p. m.	4.06 p. m.	.01	.29	.57	.70	.76										
July 24	8.40 a. m.	11.00 a. m.	.85	9.05 a. m.	9.25 a. m.	.12	.10	.33	.49	.63										
Aug. 16	2.45 a. m.	4.30 a. m.	1.44	3.04 a. m.	4.01 a. m.	.01	.21	.37	.58	.69	.70	.73	.76	.78	.90	1.12	1.33			
Sept. 14–15	10.05 p. m.	D. N. a. m.	1.22	12.23 a. m.	12.40 a. m.	.08	.25	.40	.48	.50										
Sept. 16–17	10.00 p. m.	D. N. a. m.	1.52	2.40 a. m.	3.26 a. m.	.32	.09	.16	.35	.47	.60	.73	.86	.92	1.01	1.03				
Vicksburg, Miss.:																				
Jan. 6	1.03 p. m.	3.35 p. m.	2.26	1.16 p. m.	2.04 p. m.	.02	.25	.62	.96	1.02	1.05	1.07	1.21	1.53	1.99	2.08				
Feb. 11	D. N. a. m.	6.30 p. m.	2.31	8.03 a. m.	8.44 a. m.	1.02	.09	.15	.18	.23	.31	.41	.58	.70	.74					
Feb. 26–27	D. N. p. m.	D. N. a. m.	1.74	11.49 p. m.	12.30 a. m.	.02	.17	.39	.54	.64	.79	.84	.90	.95	.98					
Mar. 9	D. N. a. m.	D. N. p. m.	3.59	10.21 a. m.	11.54 a. m.	1.35	.13	.25	.37	.44	.51	.55	.59	.68	.79	.84	.99	1.09	1.43	
Apr. 3–4	9.03 p. m.	D. N. a. m.	2.08	11.08 p. m.	12.51 a. m.	.37	.13	.26	.35	.37	.48	.57	.63	.65	.70	.73	.85	1.08	1.29	1.37
Sept. 14	1.02 p. m.	D. N. p. m.	2.08	7.27 p. m.	8.33 p. m.	.94	.09	.14	.24	.27	.34	.36	.44	.48	.53	.59	.96	1.07		
Sept. 28–29	10.00 p. m.	12.30 p. m.	3.28	7.41 a. m.	8.42 a. m.	1.21	.07	.15	.27	.37	.49	.64	.80	.90	.99	1.16	1.51	1.60		
Sept. 30	D. N. a. m.	7.50 a. m.	1.24	3.26 a. m.	4.00 a. m.	.03	.22	.43	.46	.50	.62	.80	.94							
Nov. 28	2.47 p. m.	9.50 p. m.	3.17	5.41 p. m.	6.37 p. m.	.63	.12	.18	.22	.27	.40	.60	.69	.92	1.02	1.19	1.41			
New Orleans, La.:																				
Jan. 11–12	10.20 p. m.	D. N. a. m.	.95	12.11 a. m.	12.41 a. m.	.01	.18	.44	.54	.59	.64	.70								
Jan. 18	7.32 a. m.	10.53 a. m.	1.59	7.35 a. m.	8.06 a. m.	.01	.15	.37	.60	.79	.86	.96	1.00							
Mar. 12	7.12 a. m.	9.35 a. m.	.88	8.14 a. m.	8.38 a. m.	.09	.07	.23	.37	.66	.77									
Mar. 13	12.49 p. m.	8.50 p. m.	1.45	4.11 p. m.	4.45 p. m.	.13	.09	.29	.39	.51	.82	1.17	1.28							
Apr. 9–10	9.05 p. m.	6.35 a. m.	1.96	1.25 a. m.	1.58 a. m.	.29	.22	.56	.83	.94	1.00	1.07	1.12							
May 7	9.20 a. m.	12.55 p. m.	1.06	9.33 a. m.	9.58 a. m.	.02	.17	.38	.43	.53	.63									
May 16	11.37 a. m.	2.35 p. m.	.89	11.38 a. m.	11.58 a. m.	.01	.33	.67	.68	.77										
May 21–22	D. N. p. m.	1.55 p. m.	3.78	12.20 a. m.	1.01 a. m.	.04	.06	.09	.23	.39	.52	.87	1.15	1.36						
				3.22 a. m.	4.07 a. m.	1.55	.07	.14	.34	.44	.56	.61	.64	.72	.82					
June 21	1.27 p. m.	2.45 p. m.	1.50	1.46 p. m.	2.26 p. m.	.01	.27	.50	.60	.83	1.19	1.34	1.39	1.46						
June 22	1.20 p. m.	2.30 p. m.	1.66	1.29 p. m.	1.54 p. m.	.01	.16	.75	1.34	1.56	1.61									
July 6	9.15 p. m.	11.35 p. m.	.76	9.34 p. m.	9.49 p. m.	.03	.07	.45	.69											
July 23	11.30 a. m.	12.55 p. m.	.77	11.32 a. m.	11.47 a. m.	.01	.32	.60	.69											
Aug. 11	9.44 a. m.	11.55 a. m.	1.04	10.38 a. m.	11.03 a. m.	.09	.17	.32	.52	.74	.92									
Aug. 16	4.48 p. m.	6.10 p. m.	1.32	4.58 p. m.	5.35 p. m.	.01	.29	.61	.84	.96	1.00	1.11	1.26	1.30						
Sept. 8	10.10 a. m.	8.45 p. m.	2.08	6.00 p. m.	7.30 p. m.	.09													1.80	
Sept. 13–14	8.55 p. m.	5.30 a. m.	3.94	12.42 a. m.	1.09 a. m.	.94	.06	.17	.33	.58	.74	.80								
				1.38 a. m.	2.50 a. m.	1.89	.06	.16	.37	.60	.66	.82	.89	1.09	1.27	1.43	1.66	1.85		
Oct. 6	1.30 p. m.	3.15 p. m.	.76	1.33 p. m.	2.00 p. m.	.01	.11	.21	.37	.57	.64	.69								
Oct. 7	1.35 p. m.	4.10 p. m.	1.58	1.57 p. m.	3.27 p. m.	.12	.20	.46	.60	.65	.67	.72	.79	.82	.89	1.00	1.05	1.25	1.45	
Oct. 22–23	11.30 p. m.	5.35 a. m.	1.96	1.57 a. m.	3.00 a. m.	.36	.11	.22	.43	.52	.57	.60	.64	.80	.83	.93	1.14	1.54		
Nov. 28	5.10 p. m.	9.20 p. m.	1.39	6.55 p. m.	7.54 p. m.	.29	.05	.13	.34	.41	.43	.44	.48	.54	.65	.79	1.10			
WEST GULF STATES.																				
Shreveport, La.:																				
Feb. 26–27	7.10 p. m.	5.20 a. m.	2.36	8.06 p. m.	8.44 p. m.	.21	.10	.15	.18	.43	.68	.79	.88	.93						
Mar. 9	6.10 a. m.	10.30 p. m.	1.83	6.39 a. m.	7.09 a. m.	.09	.06	.21	.28	.33	.41	.55								
Mar. 13	6.00 a. m.	10.15 a. m.	1.30	8.50 a. m.	9.02 a. m.	.13	.14	.59	.65											
Apr. 9	8.55 a. m.	4.15 p. m.	1.86	10.05 a. m.	10.37 a. m.	.07	.08	.16	.61	.83	.96	1.12	1.15							
May 15–16	8.55 p. m.	D. N. a. m.	1.02	9.59 p. m.	10.18 p. m.	.12	.18	.41	.53	.62										
June 8	4.05 p. m.	9.40 p. m.	2.13	4.39 p. m.	5.41 p. m.	.03	.15	.39	.56	.61	.97	1.20	1.34	1.46	1.61	1.75	1.92	1.99		
Aug. 1	7.10 p. m.	10.10 p. m.	.86	7.18 p. m.	7.44 p. m.	.03	.15	.28	.44	.56	.64	.67								
Sept. 14	[1] 5.20 p. m.	10.00 a. m.	6.45	2.27 a. m.	4.19 a. m.	4.69	.07	.16	.27	.29	.33	.38	.48	.66	.68	.71	.81	1.12	1.19	1.52
Sept. 25	3.10 p. m.	[2] 2.20 p. m.	8.31	6.26 p. m.	7.16 p. m.	.36	.13	.22	.24	.29	.40	.43	.55	.65	.71	.81				
				7.16 p. m.	8.06 p. m.		.92	1.04	1.18	1.35	1.38	1.41	1.48	1.57	1.72	1.84				
				8.06 p. m.	8.41 p. m.		1.91	1.98	2.06	2.13	2.27	2.36	2.45							
Bentonville, Ark.:																				
Jan. 19–20	11.25 p. m.	7.30 a. m.	1.19	5.02 a. m.	5.31 a. m.	.25	.10	.21	.32	.44	.52	.59								
Mar. 20	4.25 p. m.	8.50 p. m.	1.71	5.12 p. m.	6.02 p. m.	.02	.12	.14	.18	.23	.35	.59	.75	.88	.98	1.04				
Apr. 8–9	10.03 p. m.	2.20 a. m.	.84	11.58 p. m.	12.38 a. m.	.02	.19	.32	.43	.47	.54	.61	.64	.71						
June 4	4.40 p. m.	8.05 p. m.	.84	6.58 p. m.	7.17 p. m.	.21	.11	.30	.46	.56										
July 11	9.25 p. m.	10.55 p. m.	1.25	9.41 p. m.	10.24 p. m.	.01	.14	.17	.42	.68	.73	.85	1.05	1.11	1.15					
July 24	1.20 a. m.	9.00 a. m.	2.04	4.45 a. m.	5.52 a. m.	.12	.23	.34	.48	.59	.65	.76	.90	.93	.95	.98	1.20	1.45		
Sept. 19	7.25 p. m.	9.30 p. m.	.88	7.52 p. m.	8.12 p. m.	.01	.20	.40	.53	.64										
Oct. 22	8.50 a. m.	7.15 p. m.	1.52	10.40 a. m.	11.14 a. m.	.14	.15	.20	.30	.45	.50	.58	.64							
Fort Smith, Ark.:																				
Apr. 2	8.45 p. m.	D. N. p. m.	.93	9.38 p. m.	10.13 p. m.	.18	.12	.32	.53	.57	.57	.58	.74							
Aug. 1	3.08 p. m.	4.50 p. m.	.82	3.08 p. m.	3.45 p. m.	.00	.15	.24	.34	.44	.48	.55	.64	.68						
Sept. 19	8.58 p. m.	D. N. p. m.	1.30	9.00 p. m.	9.47 p. m.	.01	.17	.38	.50	.76	.86	.93	.95	.95	1.10	1.15				
Little Rock, Ark.:																				
Jan. 17	D. N. a. m.	3.00 p. m.	1.69	5.19 a. m.	6.31 a. m.	.08	.21	.29	.32	.35	.39	.41	.47	.53	.59	.65	.80	1.09		
Mar. 25	12.37 p. m.	7.02 p. m.	1.29	1.46 p. m.	2.10 p. m.	.14	.09	.14	.27	.43	.65									
Apr. 8–9	6.20 p. m.	7.10 a. m.	6.00	2.36 a. m.	3.26 a. m.	1.46	.13	.40	.46	.52	.67	.76	.86	.90	.95	1.10				
				3.26 a. m.	4.16 a. m.		1.13	1.20	1.41	1.56	1.77	2.04	2.13	2.28	2.43	2.52				
				4.16 a. m.	5.06 a. m.		2.63	2.75	2.89	3.03	3.15	3.24	3.45	3.58	3.72	3.79				
				5.06 a. m.	5.37 a. m.		3.91	4.04	4.19	4.26	4.32	4.43	4.48							
Apr. 9	7.45 a. m.	3.00 p. m.	3.58	8.41 a. m.	9.31 a. m.	.09	.07	.16	.21	.28	.35	.39	.49	.52	.61	.67				
				9.31 a. m.	10.21 a. m.		.78	.82	.91	1.05	1.18	1.24	1.31	1.40	1.55	1.70				
				10.21 a. m.	11.11 a. m.		1.76	1.81	1.88	1.93	2.04	2.08	2.13	2.17	2.21	2.36				
				11.11 a. m.	12.01 p. m.		2.45	2.48	2.53	2.57	2.64	2.69	2.75	2.81	2.84	2.89				
				12.01 p. m.	12.22 p. m.		2.91	2.93	2.98	3.11	3.14									
July 19	4.27 p. m.	5.35 p. m.	1.53	4.30 p. m.	5.14 p. m.	.01	.10	.33	.56	.77	.99	1.20	1.38	1.43	1.48					
Aug. 22	3.50 p. m.	4.35 p. m.	.68	4.01 p. m.	4.16 p. m.	.02	.19	.46	.61											
Sept. 8	4.32 p. m.	6.25 p. m.	.72	4.36 p. m.	4.52 p. m.	.01	.17	.37	.51	.54										

[1] Sept. 12.

[2] Sept. 27.

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.
WEST GULF STATES—continued.																				
Corpus Christi, Tex.:																				
May 21	4.02 p. m.	4.49 p. m.	0.63	4.05 p. m.	4.30 p. m.	0.01	0.09	0.30	0.43	0.52	0.60									
July 1	1.16 p. m.	2.47 p. m.	.73	1.42 p. m.	2.02 p. m.	.02	.15	.35	.48	.63										
Sept. 11	7.28 a. m.	10.20 a. m.	1.48	7.40 a. m.	8.20 a. m.	.02	.21	.46	.72	.90	1.05	1.13	1.23	1.30						
Sept. 12	7.06 p. m.	8.10 p. m.	.58	7.18 p. m.	7.45 p. m.	.05	.07	.16	.30	.39	.49	.53								
Sept. 17	6.26 a. m.	7.42 a. m.	.99	6.29 a. m.	7.14 a. m.	.01	.11	.16	.29	.54	.61	.67	.74	.89	0.96					
Sept. 25	D. N. a. m.	12.12 p. m.	2.53	8.52 a. m.	9.42 a. m.	1.04	.06	.18	.29	.35	.39	.48	.68	.69	.69	0.71				
				9.42 a. m.	10.17 a. m.		.72	.72	.78	.92	1.01	1.09	1.19							
Nov. 27	7.02 a. m.	10.25 a. m.	1.76	8.39 a. m.	9.22 a. m.	.22	.15	.37	.70	.87	1.10	1.22	1.28	1.37	1.43					
Fort Worth, Tex.:																				
Apr. 3	4.58 a. m.	9.10 a. m.	.63	7.37 a. m.	7.51 a. m.	.04	.17	.30	.50											
June 8	7.42 a. m.	9.23 a. m.	.64	7.57 a. m.	8.15 a. m.	.01	.20	.33	.52	.60										
June 17	1.26 p. m.	4.50 p. m.	.90	2.38 p. m.	3.26 p. m.	.06	.06	.16	.24	.36	.46	.56	.62	.72	.80	.83				
July 1	5.49 p. m.	7.05 p. m.	.79	5.54 p. m.	6.12 p. m.	.01	.14	.44	.72	.76										
July 24	4.24 p. m.	10.10 p. m.	1.22	4.53 p. m.	5.33 p. m.	.12	.12	.15	.16	.26	.55	.69	.77	.82						
July 25	2.06 p. m.	3.02 p. m.	1.28	2.19 p. m.	2.49 p. m.	.02	.48	.65	.70	1.10	1.24									
Sept. 9	8.02 p. m.	11.10 p. m.	1.04	8.38 p. m.	8.59 p. m.	.01	.15	.39	.63	.80	.87									
Nov. 22–23	5.20 p. m.	2.00 p. m.	3.44	6.54 p. m.	8.11 p. m.	.21	.07	.10	.17	.26	.34	.42	.52	.66	.76	.89	0.96	1.22		
Galveston, Tex.:																				
Apr. 9	12.50 p. m.	5.45 p. m.	1.32	4.42 p. m.	4.56 p. m.	.47	.18	.55	.76											
May 16	2.30 a. m.	5.35 a. m.	1.13	3.15 a. m.	4.05 a. m.	.08	.05	.14	.20	.25	.35	.46	.63	.73	.77	.84				
May 21–22	D. N. p. m.	1.50 p. m.	2.57	4.20 a. m.	6.15 a. m.	.48	.05	.13	.18	.29	.42	.55	.63	.70	.77	.83	.92	1.17	1.51	1.70
June 22–23	9.20 p. m.	D. N. a. m.	1.12	9.20 p. m.	10.06 p. m.	.00	.06	.16	.29	.39	.44	.53	.66	.77	.93	.98				
Aug. 16–17	10.15 p. m.	D. N. a. m.	1.24	10.29 p. m.	11.03 p. m.	.04	.13	.27	.49	.68	.89	.97	1.03							
Aug. 27	9.00 a. m.	10.10 a. m.	1.01	9.16 a. m.	9.39 a. m.	.02	.33	.64	.84	.94	.98									
Sept. 2	8.52 a. m.	10.05 a. m.	0.62	8.56 a. m.	9.12 a. m.	.01	.20	.27	.50	.53										
Sept. 10	7.45 a. m.	3.20 p. m.	2.24	8.34 a. m.	9.04 a. m.	.03	.23	.56	.88	1.20	1.51	1.62								
Sept. 10–11	6.45 p. m.	7.30 a. m.	5.12	6.45 p. m.	7.13 p. m.	.00	.30	.58	.81	1.03	1.17	1.21								
				8.13 p. m.	9.42 p. m.	1.23	.24	.27	.29	.50	.57	.60	.70	.93	1.08	1.29	1.76	3.05	3.18	
Sept. 12	D. N. a. m.	11.40 a. m.	2.85	3.13 a. m.	3.35 a. m.	.02	.19	.51	.92	1.01	1.08									
				5.24 a. m.	6.16 a. m.	.12	.13	.23	.51	.74	.87	.94	1.01	1.09	1.17	1.19	1.29			
Sept. 25–26	10.25 p. m.	3.10 p. m.	4.52	1.18 a. m.	1.48 a. m.	1.35	.17	.40	.81	1.23	1.41	1.50								
				11.15 p. m.	12.21 a. m.	.12	.11	.18	.27	.29	.37	.39	.42	.46	.51	.55	.78	1.04		
Oct. 1	8.30 a. m.	10.25 a. m.	.75	9.34 a. m.	9.49 a. m.	.02	.27	.47	.68											
				10.30 a. m.	12.06 p. m.	.67	.38	1.03	1.57	1.92	2.17	2.60	3.04	3.63	4.07	4.62	5.31	6.02	6.52	
				2.15 p. m.	3.05 p. m.	7.55	.07	.23	.29	.34	.40	.48	.55	.60	.66	.77				
Oct. 22	7.20 a. m.	D. N. p. m.	12.19	3.05 p. m.	3.55 p. m.		1.00	1.06	1.20	1.25	1.37	1.55	1.76	1.86	1.96	2.07				
				3.55 p. m.	4.47 p. m.		2.19	2.31	2.39	2.44	2.46	2.48	2.65	2.69	2.73	2.83	2.87			
				7.38 p. m.	8.02 p. m.	10.06	.14	.40	.65	.76	.85									
Nov. 29	11.23 a. m	3.40 p. m.	1.64	11.58 a. m.	1.08 p. m.	.01	.08	.24	.35	.43	.49	.55	.59	.66	.81	.93	1.07	1.33		
Houston, Tex.:																				
				1.01 p. m.	1.51 p. m.	.11	.05	.10	.17	.32	.36	.46	.56	.60	.64	.70				
Apr. 9	11.45 a. m.	3.45 p. m.	2.68	1.51 p. m.	2.41 p. m.		.74	.82	.92	.98	1.07	1.18	1.25	1.39	1.70	1.87				
				2.41 p. m.	3.02 p. m.		1.94	2.03	2.40	2.54	2.55									
May 5	5.45 p. m.	8.25 p. m.	0.75	5.54 p. m.	6.10 p. m.	.01	.17	.39	.56	.62										
June 28	10.15 a. m.	12.55 p. m.	1.29	11.32 a. m.	12.04 p. m.	.30	.10	.27	.41	.50	.51	.70	.80							
July 31	4.15 p. m.	8.10 p. m.	0.88	4.18 p. m.	4.48 p. m.	.01	.22	.36	.47	.63	.71	.78								
				1.11 p. m.	2.01 p. m.	.01	.21	.44	.53	.68	.84	1.11	1.38	1.68	1.93	2.10				
Sept. 7	1.02 p. m.	5.25 p. m.	4.55	2.01 p. m.	2.51 p. m.		2.21	2.52	2.71	2.94	3.04	3.29	3.39	3.49	3.65	3.80				
				2.51 p. m.	3.17 p. m.		3.95	4.08	4.16	4.28	4.36	4.38								
Sept. 27	D. N. a. m.	11.55 a. m.	2.44	9.20 a. m.	10.39 a. m.	.69	.12	.28	.34	.43	.52	.61	.70	.84	.94	1.07	1.24	1.72		
				10.40 a. m.	11.30 a. m.	.02	.13	.20	.22	.36	.51	.52	.76	.89	.94	.98				
Sept. 30–Oct. 1	10.10 a. m.	D. N. a. m.	2.98	11.30 a. m.	12.20 p. m.		1.06	1.18	1.31	1.44	1.54	1.57	1.62	1.70	1.76	1.84				
				12.20 p. m.	12.43 p. m.		1.91	1.99	2.11	2.23	2.29									
Oct. 1	10.53 a. m.	5.05 p. m.	2.52	12.02 p. m.	1.29 p. m.	.43	.16	.33	.51	.58	.67	.70	.73	.82	.92	.98	1.08	1.56	1.84	
	6.08 p. m.	D. N. p. m.	1.64	7.49 p. m.	8.23 p. m.	.45	.06	.17	.22	.30	.50	.60	.69							
Oct. 22	11.07 a. m.	7.15 p. m.	1.97	5.23 p. m.	6.41 p. m.	.83	.12	.24	.29	.32	.38	.47	.55	.57	.59	.59	.67	1.10		
Nov. 29	9.14 a. m.	12.15 p. m.	1.28	9.30 a. m.	10.22 a. m.	.03	.08	.15	.28	.44	.55	.63	.77	.82	.89	.98	1.08			
Dec. 13	6.25 a. m.	1.15 p. m.	1.38	9.49 a. m.	10.37 a. m.	.26	.08	.17	.26	.45	.65	.71	.76	.82	.96	.99				
Dec. 24	8.05 a. m.	2.35 p. m.	1.27	10.31 a. m.	10.56 a. m.	.32	.10	.27	.41	.55	.67									
Palestine, Tex.:																				
Feb. 26–27	6.37 p. m.	4.10 a. m.	1.52	7.02 p. m.	7.47 p. m.	.01	.08	.24	.31	.34	.43	.49	.59	.65	.73					
May 20	5.02 p. m.	5.50 p. m.	1.03	5.04 p. m.	5.36 p. m.	.02	.38	.54	.57	.63	.79	.98	1.01							
Sept. 30	6.18 p. m.	9.27 p. m.	1.00	6.40 p. m.	7.10 p. m.	.02	.10	.25	.35	.48	.60	.68								
Oct. 1	10.12 a. m.	1.57 p. m.	1.04	12.06 p. m.	12.40 p. m.	.06	.21	.35	.50	.59	.66	.76	.83							
Dec. 2–3	8.55 p. m.	11.30 a. m.	6.93	2.27 a. m.	3.07 a. m.	.29	.53	.71	.75	.79	.81	.85	.94	.99						
Dec. 4–5	11.25 p. m.	5.20 a. m.	0.76	1.29 a. m.	1.45 a. m.	.04	.25	.36	.48	.51										
San Antonio, Tex.:																				
Apr. 24	3.00 a. m.	4.40 a. m.	0.64	3.11 a. m.	3.19 a. m.	.01	.30	.56												
May 15	8.40 p. m.	9.50 p. m.	1.90	9.13 p. m.	9.42 p. m.	.05	.12	.38	.80	1.35	1.67	1.82								
Aug. 2	8.00 p. m.	9.25 p. m.	0.78	8.33 p. m.	8.54 p. m.	.19	.11	.23	.44	.55	.57									
Sept. 8–9	11.25 p. m.	2.10 a. m.	2.48	11.30 p. m.	12.20 a. m.	.02	.15	.28	.37	.42	.55	.72	.89	1.19	1.57	1.77				
				12.57 a. m.	1.12 a. m.	1.87	.17	.40	.54											
Sept. 11	12.15 a. m.	12.30 p. m.	1.24	7.17 a. m.	7.47 a. m.	.21	.16	.23	.34	.53	.67	.83								
Sept. 24	2.25 p. m.	8.30 p. m.	1.14	3.45 p. m.	4.01 p. m.	.11	.13	.40	.57	.61										
				5.40 a. m.	5.57 a. m.	.60	.19	.31	.49	.55										
Oct. 1	[1] 9.20 p. m.	[2] 9.00 a. m.	7.54	1.41 p. m.	2.17 p. m.	2.26	.08	.17	.30	.52	.66	.77	.85							
				10.21 p. m.	11.10 p. m.	4.77	.10	.20	.38	.40	.47	.56	.65	.77	.92	1.04				
Nov. 29	3.15 a. m.	5.40 a. m.	0.89	3.44 a. m.	4.09 a. m.	.02	.06	.19	.43	.65	.71									
Dec. 3–4	6.17 p. m.	11.30 a. m.	2.16	1.13 a. m.	1.32 a. m.	.19	.22	.44	.59	.71										
Taylor, Tex.:																				
Feb. 20	3.14 p. m.	6.41 p. m.	1.63	5.53 p. m.	6.23 p. m.	.17	.24	.45	.80	1.06	1.36	1.43								
Apr. 23	D. N. a. m.	10.55 a. m.	1.06	7.43 a. m.	8.09 a. m.	.06	.29	.42	.51	.59	.67	.72								
May 15–16	3.39 p. m.	D. N. a. m.	2.82	5.19 p. m.	6.23 p. m.	.18	.08	.15	.50	.83	1.06	1.18	1.29	1.41	1.51	1.63	1.83	1.96		
Aug. 13	3.32 p. m.	4.20 p. m.	0.58	3.36 p. m.	3.53 p. m.	.01	.20	.34	.49	.56										
Sept. 10	3.06 p. m.	D. N. p. m.	0.74	3.30 p. m.	3.49 p. m.	.05	.18	.34	.53	.60										
Oct. 16	3.36 p. m.	6.15 p. m.	1.46	3.59 p. m.	4.22 p. m.	.05	.49	.74	.95	1.15	1.29									
Nov. 4	11.54 a. m.	D. N. p. m.	2.83	12.29 p. m.	2.10 p. m.	.02	.07	.31	.55	.67	.75	.80	.83	.95	.98	1.01	1.27	1.76	2.04	2.13
Nov. 29	3.55 a. m.	7.10 a. m.	0.84	4.00 a. m.	4.25 a. m.	.01	.18	.28	.39	.50	.57									
Dec. 2–3	2.54 p. m.	6.30 a. m.	1.99	4.32 p. m.	5.18 p. m.	.10	.08	.11	.27	.35	.47	.57	.80	1.13	1.23	1.32				
Dec. 3–4	7.28 a. m.	10.24 a. m.	6.69	3.19 p. m.	4.30 p. m.	1.57	.09	.16	.21	.31	.36	.44	.51	.69	.78	.87	1.02	1.26		

[1] Sept. 30.

[2] Oct. 1.

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 TENNESSEE.																				
Chattanooga, Tenn.:																				
Jan. 11–12	8.08 p. m.	3.06 a. m.	1.15	11.25 p. m.	11.51 p. m.	0.03	0.09	0.28	0.51	0.64	0.70	0.73								
Mar. 13	6.02 a. m.	1.39 p. m.	1.75	10.31 a. m.	11.15 a. m.	.54	.24	.32	.37	.39	.47	.49	0.97	1.07						
Mar. 26–27	6.55 p. m.	4.22 a. m.	1.17	7.15 p. m.	8.05 p. m.	.03	.27	.30	.35	.38	.42	.61	.71	.73	0.80	0.85				
June 5	8.20 p. m.	9.10 p. m.	.76	8.26 p. m.	8.41 p. m.	.01	.37	.65	.73											
June 7	4.57 p. m.	6.32 p. m.	.63	5.14 p. m.	5.49 p. m.	.04	.06	.11	.21	.29	.38	.48	.55							
June 21	1.32 p. m.	5.58 p. m.	1.04	1.40 p. m.	2.10 p. m.	.02	.09	.20	.51	.79	.86	.91								
July 11	9.53 a. m.	11.25 a. m.	.58	10.20 a. m.	10.29 a. m.	.04	.32	.54												
July 26	7.26 a. m.	9.23 a. m.	1.19	8.06 a. m.	9.03 a. m.	.12	.08	.13	.23	.35	.50	.56	.59	.67	.81	.90	1.06			
Knoxville, Tenn.:																				
July 6	6.59 p. m.	D. N. p. m.	.78	7.21 p. m.	7.53 p. m.	.03	.13	.22	.41	.53	.64	.73	.75							
Memphis, Tenn.:																				
Mar. 20–21	6.20 p. m.	D. N. a. m.	1.90	9.51 p. m.	10.24 p. m.	.55	.10	.43	.69	.74	.82	.91	1.02							
Apr. 9–10	D. N. a. m.	7.40 a. m.	3.48	5.30 a. m.	5.56 a. m.	.26	.30	.45	.57	.62	.72	.77								
May 21	2.15 a. m.	3.10 p. m.	2.51	6.41 a. m.	7.19 a. m.	.89	.16	(1)	(1)	(1)	(1)	.64	.78	.84						
June 6	4.40 p. m.	5.30 p. m.	.52	4.54 p. m.	5.10 p. m.	.01	.11	.23	.45	.50										
July 2	6.18 p. m.	8.10 p. m.	1.24	6.29 p. m.	6.57 p. m.	.01	.15	(1)	(1)	(1)	(1)	(1)	.92	.97						
Aug. 22	3.35 p. m.	6.15 p. m.	1.10	3.57 p. m.	4.23 p. m.	.02	.17	.41	.67	.89	1.01	1.05								
Sept. 15	1.30 p. m.	5.15 p. m.	1.80	3.30 p. m.	4.05 p. m.	.73	.21	.32	.40	.43	.55	.77	.89							
Nashville, Tenn.:																				
Jan. 6	7.00 a. m.	7.15 p. m.	2.71	9.04 a. m.	9.27 a. m.	.07	.10	.38	.50	.56	.62									
Jan. 11	4.45 p. m.	11.45 p. m.	2.03	8.10 p. m.	9.04 p. m.	.66	.09	.13	.20	.48	.55	.61	.66	.72	.81	1.12	1.18			
Mar. 25–26	8.50 p. m.	10.50 a. m.	2.43	10.16 p. m.	10.35 p. m.	.14	.32	.43	.55	.63										
July 2	3.27 p. m.	6.10 p. m.	2.02	3.32 p. m.	4.22 p. m.	.01	.12	.24	.33	.68	1.01	1.32	1.46	1.51	1.55	1.61				
July 12	2.50 a. m.	7.20 a. m.	1.38	2.50 a. m.	3.11 a. m.	.10	.25	.46	.56	.83	.86									
Aug. 1	3.10 p. m.	5.25 p. m.	.67	3.29 p. m.	3.45 p. m.	.01	.17	.33	.51	.54										
Lexington, Ky.:																				
July 11	1.27 p. m.	2.54 p. m.	.91	1.58 p. m.	2.51 p. m.	.10	.09	.21	.30	.41	.46	.51	.51	.56	.61	.74	.81			
Louisville, Ky.:																				
Mar. 25–26	3.54 p. m.	D. N. a. m.	3.42	4.17 p. m.	5.05 p. m.	.06	.07	.23	.44	.61	.85	1.08	1.12	1.16	1.27	1.31				
				5.58 p. m.	6.24 p. m.	1.53	.15	.25	.42	.49	.55	.58								
June 7	7.03 a. m.	8.50 a. m.	.64	7.53 a. m.	8.11 a. m.	.06	.21	.43	.52	.57										
June 7–8	10.30 p. m.	4.00 a. m.	1.01	1.49 a. m.	2.21 a. m.	.27	.10	.18	.33	.41	.48	.59	.63							
June 23	4.20 p. m.	5.00 p. m.	.74	4.23 p. m.	4.41 p. m.	.01	.23	.39	.58	.68										
June 24	3.46 p. m.	4.27 p. m.	.89	3.46 p. m.	4.04 p. m.	.00	.43	.73	.83	.87										
Evansville, Ind.:																				
Mar. 23–24	11.15 p. m.	D. N. a. m.	1.07	2.22 a. m.	2.47 a. m.	.44	.11	.21	.35	.51	.62									
Mar. 25	D. N. a. m.	10.30 p. m.	4.01	4.22 a. m.	4.46 a. m.	.03	.19	.32	.56	.72	.83									
Indianapolis, Ind.:																				
July 14–15	11.03 p. m.	D. N. a. m.	1.48	11.38 p. m.	12.16 a. m.	.05	.26	.64	.89	.95	1.00	1.04	1.10	1.13						
July 31	3.40 p. m.	4.15 p. m.	.71	3.48 p. m.	4.03 p. m.	.02	.13	.50	.69											
Aug. 13	10.45 a. m.	3.32 p. m.	2.86	11.55 a. m.	1.01 p. m.	.01	.24	.50	.95	1.46	1.78	1.98	2.05	2.18	2.41	2.56	2.66	2.80		
Sept. 30	3.14 p. m.	4.38 p. m.	1.12	3.14 p. m.	3.31 p. m.	.00	.16	.60	1.00	1.06										
Cincinnati, Ohio:																				
Mar. 24	4.00 p. m.	6.25 p. m.	.92	4.14 p. m.	4.33 p. m.	.02	.36	.45	.54	.62										
Mar. 25	D. N. a. m.	11.55 a. m.	1.70	6.35 a. m.	7.16 a. m.	.22	.19	.23	.28	.37	.40	.48	.58	.66	.70					
Mar. 25–26	12.25 p. m.	D. N. a. m.	2.65	6.05 p. m.	7.05 p. m.	.30	.08	.18	.36	.51	.62	.65	.76	.87	.95	1.02	1.15			
Columbus, Ohio:																				
June 18	12.07 p. m.	12.42 p. m.	.56	12.11 p. m.	12.25 p. m.	.02	.21	.43	.50											
July 27	1.55 p. m.	3.15 p. m.	.70	2.18 p. m.	2.39 p. m.	.01	.16	.30	.43	.58	.61									
Aug. 21	5.27 p. m.	7.45 p. m.	1.20	5.27 p. m.	6.07 p. m.	.00	.18	.20	.25	.43	.63	.79	.91	1.01						
Sept. 17	1.40 p. m.	6.35 p. m.	1.30	3.19 p. m.	3.36 p. m.	.08	.13	.25	.49	.52										
				4.06 p. m.	4.26 p. m.	.63	.05	.14	.41	.64										
Dayton, Ohio:																				
Mar. 24	6.40 a. m.	8.55 p. m.	2.84	3.21 p. m.	3.47 p. m.	1.26	.10	.23	.30	.36	.51	.54								
May 14	1.00 a. m.	9.27 a. m.	1.17	1.38 a. m.	1.59 a. m.	.07	.08	.15	.33	.48	.52									
July 1	4.33 p. m.	6.36 p. m.	1.00	5.34 p. m.	6.08 p. m.	.17	.23	.46	.58	.64	.70	.73	.78							
July 1	3.55 p. m.	8.10 p. m.	.75	4.20 p. m.	4.55 p. m.	.02	.09	.18	.25	.31	.33	.51	.59							
July 17	4.18 p. m.	5.05 p. m.	.57	4.47 p. m.	4.56 p. m.	.01	.20	.55												
Aug. 22	3.17 p. m.	4.55 p. m.	.79	3.29 p. m.	3.52 p. m.	.02	.11	.25	.46	.67	.75									
Oct. 1	2.00 a. m.	5.15 a. m.	1.00	3.02 a. m.	3.20 a. m.	.27	.19	.36	.46	.54										
Parkersburg, W. Va.:																				
May 26	12.57 p. m.	7.40 p. m.	.81	2.27 p. m.	2.37 p. m.	.07	.31	.50												
June 25	4.56 p. m.	5.45 p. m.	.90	5.02 p. m.	5.18 p. m.	.03	.18	.47	.79	.85										
July 9	4.25 p. m.	6.00 p. m.	1.05	5.27 p. m.	5.53 p. m.	.13	.25	.62	.78	.80	.88	.92								
Aug. 18	6.10 p. m.	8.30 p. m.	.90	6.32 p. m.	7.22 p. m.	.01	.08	.18	.25	.30	.37	.43	.49	.58	.69	.75				
Aug. 22	4.05 a. m.	6.30 a. m.	.98	4.48 a. m.	5.23 a. m.	.02	.31	.45	.62	.69	.71	.82	.89							
Elkins, W. Va.:																				
July 9–10	5.22 p. m.	D. N. a. m.	2.51	6.43 p. m.	7.01 p. m.	.06	.28	.52	.65	.76										
				8.43 p. m.	8.55 p. m.	1.10	.31	.53	.62											
July 30	4.40 p. m.	5.46 p. m.	.73	5.03 p. m.	5.28 p. m.	.01	.13	.23	.51	.61	.72									
Aug. 13	D. N. a. m.	7.21 a. m.	1.52	4.20 a. m.	5.06 a. m.	.12	.33	.69	.93	1.10	1.17	1.25	1.33	1.37						
Sept. 7	2.28 p. m.	5.35 p. m.	.96	2.31 p. m.	2.52 p. m.	.01	.24	.46	.64	.79	.82									
LOWER LAKE REGION.																				
Buffalo, N. Y.:																				
Aug. 28	9.50 p. m.	11.59 p. m.	.84	10.38 p. m.	11.12 p. m.	.03	.17	.21	.30	.40	.43	.48	.58							
Canton, N. Y.[2]																				
Oswego, N. Y.:																				
May 22	1.35 p. m.	2.44 p. m.	.70	1.59 p. m.	2.10 p. m.	.06	.21	.51	.52											
July 12	3.36 p. m.	4.15 p. m.	.71	3.54 p. m.	4.09 p. m.	.01	.22	.54	.67											
Rochester, N. Y.:																				
June 27	2.58 a. m.	4.35 a. m.	.73	2.58 a. m.	3.13 a. m.	.00	.37	.48	.54											
July 5	4.20 a. m.	5.55 a. m.	.73	4.26 a. m.	4.50 a. m.	.01	.10	.27	.46	.56	.61									
Aug. 28–29	9.17 p. m.	1.30 a. m.	2.00	10.50 p. m.	12.05 a. m.	.18	.13	.16	.18	.26	.41	.51	.63	.81	.84	.92	1.12	1.58		

[1] Tipping Bucket stuck.

[2] 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.
LOWER LAKE REGION.—contd.																				
Syracuse, N. Y.:																				
Aug. 28–29	11.15 p. m.	D. N. a. m.	1.43	1.14 a. m.	2.20 a. m.	0.21	0.24	0.37	0.45	0.64	0.71	0.77	0.81	0.89	0.90	0.93	1.01	1.21	.....	.....
Erie, Pa.:																				
Aug. 9	1.00 a. m.	7.10 a. m.	1.16	1.23 a. m.	1.41 a. m.	.08	.19	.59	.77	.82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 20	5.28 p. m.	D. N. a. m.	1.33	6.29 p. m.	7.21 p. m.	.08	.25	.54	.57	.63	.76	.80	.87	.88	.93	1.04	1.11	.....	.....	.....
Cleveland, Ohio:																				
July 4	11.11 a. m.	12.20 p. m.	1.36	11.25 a. m.	11.44 a. m.	.03	.42	.92	1.13	1.24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 4–5	8.50 p. m.	1.30 a. m.	.88	9.58 p. m.	10.16 p. m.	.02	.27	.44	.62	.76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 27	8.20 p. m.	10.30 p. m.	.75	9.03 p. m.	9.25 p. m.	.19	.06	.14	.30	.41	.45	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sandusky, Ohio:																				
Aug. 10	1.25 p. m.	1.55 p. m.	.64	1.28 p. m.	1.49 p. m.	.02	.09	.10	.30	.61	.62	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 15	4.40 p. m.	6.15 p. m.	1.48	4.58 p. m.	5.35 p. m.	.07	.14	.46	.72	.94	1.13	1.18	1.32	1.37	.....	.....	.....	.....	.....	.....
Aug. 22	12.52 a. m.	5.00 a. m.	1.95	1.03 a. m.	2.05 a. m.	.08	.13	.30	.52	.56	.65	.82	.90	.93	.95	.96	1.23	1.34	.....	.....
Toledo, Ohio:																				
May 14–15	8.05 p. m.	D. N. a. m.	1.38	9.35 p. m.	10.06 p. m.	.10	.10	.28	.48	.56	.68	.81	.83	.....	.....	.....	.....	.....	.....	.....
May 15	4.50 p. m.	5.30 p. m.	.68	5.00 p. m.	5.18 p. m.	.02	.13	.31	.59	.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 5	3.16 p. m.	4.20 p. m.	.71	3.18 p. m.	4.03 p. m.	.01	.06	.10	.16	.23	.32	.39	.43	.59	.65	.....	.....	.....	.....	.....
July 28	1.40 p. m.	2.22 p. m.	.69	1.51 p. m.	2.04 p. m.	.08	.12	.48	.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 7	1.15 p. m.	1.48 p. m.	.53	1.25 p. m.	1.40 p. m.	.01	.10	.33	.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Detroit, Mich.:																				
May 21	12.29 p. m.	1.44 p. m.	.88	12.51 p. m.	1.26 p. m.	.03	.13	.29	.32	.39	.50	.64	.83	.....	.....	.....	.....	.....	.....	.....
July 4	3.40 p. m.	8.30 p. m.	1.73	3.44 p. m.	4.09 p. m.	.01	.17	.39	.68	.73	.82	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 21	12.20 p. m.	2.10 p. m.	.94	12.29 p. m.	12.51 p. m.	.01	.17	.37	.58	.73	.79	.....	.....	.....	.....	.....	.....	.....	.....	.....
UPPER LAKE REGION.																				
Alpena, Mich.:																				
June 27	1.42 p. m.	2.25 p. m.	.57	1.42 p. m.	2.00 p. m.	.00	.06	.21	.48	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 4	7.07 a. m.	8.25 a. m.	.81	7.12 a. m.	7.30 a. m.	.01	.22	.43	.62	.71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 16	1.10 p. m.	2.45 p. m.	.77	1.42 p. m.	2.22 p. m.	.01	.15	.28	.37	.42	.44	.51	.66	.75	.....	.....	.....	.....	.....	.....
Escanaba, Mich.:																				
July 11–12	8.55 p. m.	D. N. a. m.	1.70	10.54 p. m.	12.42 a. m.	.11	.11	.16	.25	.33	.41	.57	.61	.63	.69	.78	.87	1.04	1.21	1.49
Grand Haven, Mich.[1]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Rapids, Mich.:																				
Nov. 18	7.45 a. m.	8.30 a. m. 19th.	1.85	10.40 p. m.	11.37 p. m.	.17	.18	.31	.40	.46	.56	.60	.66	.76	.81	.87	1.07	.....	.....	.....
Houghton, Mich.:																				
Apr. 9	11.45 a. m.	3.45 p. m.	2.68	1.01 p. m.	1.51 p. m.	.11	.05	.10	.17	.32	.36	.46	.56	.60	.64	.70	.....	.....	.....	.....
				1.51 p. m.	2.41 p. m.	.....	.74	.82	.92	.98	1.07	1.18	1.25	1.39	1.70	1.87	.....	.....	.....	.....
				2.41 p. m.	3.02 p. m.	.....	1.94	2.08	2.40	2.54	2.55	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 5	5.45 p. m.	8.25 p. m.	.75	5.54 p. m.	6.10 p. m.	.01	.17	.39	.56	.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 28	10.15 a. m.	12.55 p. m.	1.20	11.32 a. m.	12.04 p. m.	.30	.10	.27	.41	.50	.51	.70	.80	.....	.....	.....	.....	.....	.....	.....
July 31	4.15 p. m.	8.10 p. m.	.88	4.18 p. m.	4.48 p. m.	.01	.22	.36	.47	.63	.71	.78	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 7	1.02 p. m.	5.25 p. m.	4.55	1.11 p. m.	2.01 p. m.	.01	.21	.44	.53	.08	.84	1.11	1.38	1.65	1.93	2.10	.....	.....	.....	.....
				2.01 p. m.	2.51 p. m.	.....	2.21	2.52	2.71	2.94	3.04	3.29	3.3	93.49	3.	65	3.80	.....	.....	.....
				2.51 p. m.	3.17 p. m.	.....	3.95	4.08	4.16	4.28	4.36	4.38	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 27	D. N. a. m.	11.55 a. m.	2.44	9.20 a. m.	10.39 a. m.	.69	.12	.28	.34	.43	.52	.61	.70	.84	.94	1.07	1.24	1.72	.....	.....
Sept. 30–Oct. 1	10.10 a. m.	D. N. a. m.	2.98	10.40 a. m.	10.30 a. m.	.02	.13	.20	.22	.30	.51	.52	.76	.89	.94	.98	.....	.....	.....	.....
				11.30 a. m.	12.43 p. m.	.....	1.06	1.18	1.31	1.44	1.54	1.57	1.62	1.70	1.76	1.84	1.99	2.20	.....	.....
Oct. 1	10.53 a. m.	5.05 p. m.	2.52	12.02 p. m.	1.29 p. m.	.43	.16	.33	.51	.58	.67	.70	.73	.82	.92	.98	1.08	1.56	1.84	.....
Oct. 1	6.08 p. m.	D. N. p. m.	1.64	7.49 p. m.	8.23 p. m.	.45	.06	.17	.22	.30	.50	.60	.69	.....	.....	.....	.....	.....	.....	.....
Oct. 22	11.07 a. m.	7.15 p. m.	1.97	5.23 p. m.	6.41 p. m.	.83	.12	.24	.29	.32	.38	.47	.55	.57	.59	.59	.67	1.10	.....	.....
Nov. 29	9.14 a. m.	12.15 p. m.	1.28	9.30 a. m.	10.22 a. m.	.03	.08	.15	.28	.44	.55	.63	.77	.82	.89	.98	1.05	.....	.....	.....
Dec. 13	6.25 a. m.	1.15 p. m.	1.38	9.49 a. m.	10.37 a. m.	.26	.08	.17	.26	.45	.65	.71	.76	.82	.96	.99	.....	.....	.....	.....
Dec. 24	8.05 a. m.	2.35 p. m.	1.27	10.31 a. m.	10.56 a. m.	.32	.10	.27	.41	.55	.67	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lansing, Mich.:																				
July 16–17	D. N. p. m.	D. N. a. m.	.75	11.49 p. m.	12.09 a. m.	.08	.21	.44	.55	.61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 8	6.50 p. m.	8.30 p. m.	1.15	7.19 p. m.	7.48 p. m.	.16	.10	.33	.52	.70	.91	.96	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 9	6.54 p. m.	9.15 p. m.	1.40	7.02 p. m.	7.46 p. m.	.02	.26	.67	.70	.71	.82	.94	1.08	1.29	1.37	.....	.....	.....	.....	.....
Marquette, Mich.:																				
June 27	9.20 a. m.	10.58 a. m.	1.02	9.25 a. m.	9.47 a. m.	.01	.20	.65	.84	.92	.96	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 4	D. N. a. m.	D. N. a. m.	.53	1.45 a. m.	2.14 a. m.	.01	.05	.21	.28	.33	.39	.51	.....	.....	.....	.....	.....	.....	.....	.....
July 22	4.00 p. m.	5.42 p. m.	.63	4.31 p. m.	4.40 p. m.	.04	.30	.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Huron, Mich.:																				
June 6–7	9.15 p. m.	D. N. a. m.	.90	9.31 p. m.	9.55 p. m.	.01	.09	.19	.40	.51	.56	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 16–17	7.15 p. m.	D. N. a. m.	1.74	1.32 a. m.	1.44 a. m.	.84	.22	.51	.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 8–9	8.25 p. m.	8.35 a. m.	1.89	1.24 a. m.	1.54 a. m.	.05	.05	.14	.20	.41	.51	.59	.....	.....	.....	.....	.....	.....	.....	.....
Sault Ste. Marie, Mich.:																				
July 31	4.45 p. m.	7.05 p. m.	1.08	5.02 p. m.	5.58 p. m.	.07	.13	.29	.47	.54	.55	.58	.63	.66	.68	.77	.92	.....	.....	.....
Aug. 16	2.15 a. m.	D. N. a. m.	1.02	2.16 a. m.	2.41 a. m.	T.	.27	.48	.71	.91	.99	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 21	6.47 p. m.	8.20 p. m.	1.03	6.50 p. m.	7.41 p. m.	.01	.43	.47	.53	.55	.55	.55	.55	.68	.90	.93	.....	.....	.....	.....
Chicago, Ill.:																				
July 14	7.32 p. m.	8.45 p. m.	.85	7.38 p. m.	8.18 p. m.	.02	.13	.29	.40	.50	.59	.67	.74	.79	.....	.....	.....	.....	.....	.....
Aug. 7–8	10.51 p. m.	1.15 a. m.	.98	11.24 p. m.	11.39 p. m.	.08	.12	.42	.56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 18	1.14 p. m.	2.18 p. m.	.75	1.31 p. m.	1.47 p. m.	.02	(1)	.49	.63	.67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.:																				
July 14	5.21 p. m.	8.20 p. m.	1.13	5.52 p. m.	6.25 p. m.	.01	.07	.26	.49	.71	.93	1.01	1.04	.....	.....	.....	.....	.....	.....	.....
Green Bay, Wis.:																				
July 11	6.58 p. m.	11.55 p. m.	1.14	10.40 p. m.	11.11 p. m.	.41	.11	.31	.45	.54	.59	.64	.67	.....	.....	.....	.....	.....	.....	.....
Duluth, Minn.:																				
May 28–29	11.40 p. m.	5.10 a. m.	1.09	2.13 a. m.	2.34 a. m.	.04	.25	.43	.57	.64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 27	1.00 a. m.	7.05 a. m.	.68	5.16 a. m.	5.31 a. m.	.08	.36	.46	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 4–5	8.30 p. m.	7.05 a. m.	2.06	9.54 p. m.	10.46 p. m.	.02	.22	.48	.74	.95	1.10	1.19	1.24	1.27	1.34	1.40	1.43	.....	.....	.....

[1] Tipping-bucket stuck temporarily.

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.
NORTH DAKOTA.																				
Moorhead, Minn.:																				
June 24	4.55 p. m.	11.30 p. m.	0.89	4.59 p. m.	5.19 p. m.	0.01	0.11	0.24	0.37	0.50										
July 4	2.40 p. m.	6.05 p. m.	1.06	5.14 p. m.	5.48 p. m.	.46	.06	.15	.24	.30	0.36	0.53	0.59							
July 29	7.20 p. m.	8.15 p. m.	.81	7.26 p. m.	7.43 p. m.	.01	.22	.40	.73	.78										
Aug. 19	5.05 p. m.	7.45 p. m.	.93	5.11 p. m.	5.30 p. m.	.01	.23	.40	.55	.63										
Aug. 20	7.08 p. m.	7.50 p. m.	.55	7.10 p. m.	7.36 p. m.	.02	.10	.20	.37	.44	.50	.53								
Sept. 10	2.10 a. m.	11.50 a. m.	1.34	5.57 a. m.	6.26 a. m.	.23	.15	.24	.32	.43	.60	.60								
Bismarck, N. Dak.:																				
July 17	D. N. a. m.	D. N. a. m.	1.39	2.55 a. m.	3.22 a. m.	.04	.21	.48	.88	1.06	1.13	1.17								
Devils Lake, N. Dak.:																				
Aug. 20	4.28 p. m.	5.14 p. m.	.78	4.52 p. m.	5.08 p. m.	.04	.24	.56	.71	.74										
Sept. 5	5.35 p. m.	8.45 p. m.	.82	6.16 p. m.	6.41 p. m.	.04	.12	.33	.47	.56	.61									
Williston, N. Dak.:																				
June 27–28	9.45 p. m.	12.30 a. m.	.99	8.59 p. m.	10.11 p. m.	.01	.29	.54	.62											
July 15	8.02 p. m.	8.40 p. m.	.53	8.04 p. m.	8.20 p. m.	.01	.11	.32	.48	.52										
Aug. 18–19	10.35 p. m.	D. N. a. m.	2.72	11.45 p. m.	12.40 a. m.	.29	.11	.24	.51	.64	.97	1.30	1.52	1.69	1.81	1.99	2.12			
UPPER MISSISSIPPI VALLEY.																				
Minneapolis, Minn.:																				
July 2–3	11.27 p. m.	D. N. a. m.	.83	11.34 p. m.	11.41 p. m.	.01	.51	.77												
July 4–5	8.50 p. m.	D. N. a. m.	1.18	9.00 p. m.	9.13 p. m.	.01	.49	.77	.86											
July 15	11.50 a. m.	2.32 p. m.	1.33	1.36 p. m.	2.06 p. m.	.05	.07	.13	.24	.44	.97	1.19								
July 16	D. N. a. m.	8.12 a. m.	.78	5.07 a. m.	5.28 a. m.	.03	.13	.29	.53	.68	.71									
Oct. 10	12.34 a. m.	8.45 a. m.	1.77	8.23 a. m.	8.33 a. m.	1.01	.42	.75												
St. Paul, Minn.:																				
June 17	3.01 p. m.	4.33 p. m.	[1].75	3.06 p. m.	3.26 p. m.	[1].01	[1].05	[1].35	[1].60	[1].68										
June 26	1.20 a. m.	4.30 a. m.	1.37	1.26 a. m.	2.31 a. m.	.01	.27	.47	.50	.51	.51	.51	.58	.64	.75	.91	1.07			
July 4	9.05 p. m.	11.30 p. m.	1.36	9.08 p. m.	9.33 p. m.	.01	.30	.75	.83	.88	.93									
July 15	12.02 p. m.	2.52 p. m.	.72	1.54 p. m.	2.14 p. m.	.05	.11	.30	.54	.63										
July 16	5.08 a. m.	5.55 a. m.	.80	5.22 a. m.	5.46 a. m.	.02	.18	.41	.62	.69	.76									
Sept. 10–11	7.10 p. m.	1.30 a. m.	1.60	7.15 p. m.	7.46 p. m.	.01	.16	.30	.35	.42	.49	.54								
La Crosse, Wis.:																				
July 4	3.30 a. m.	D. N. a. m.	1.39	3.55 a. m.	4.30 a. m.	.05	.10	.26	.41	.56	.69	.80	.86							
July 5	12.01 a. m.	D. N. a. m.	1.02	12.01 a. m.	12.40 a. m.	.00	.12	.27	.50	.63	.74	.79	.90	.94						
Aug. 21	4.20 a. m.	6.35 a. m.	1.18	4.27 a. m.	5.00 a. m.	.04	.19	.42	.72	.81	.93	1.03	1.14							
Madison, Wis:																				
June 14	6.45 p. m.	8.45 p. m.	.64	7.22 p. m.	7.49 p. m.	.01	.08	.21	.27	.30	.51									
June 16	5.35 p. m.	8.15 p. m.	1.59	5.44 p. m.	6.19 p. m.	.03	.15	.34	.52	.78	.98	1.10	1.17							
July 8	12.30 p. m.	5.15 p. m.	1.25	2.10 p. m.	2.39 p. m.	.58	.06	.13	.35	.42	.49	.53								
July 13–14	7.40 p. m.	D. N. a. m.	1.27	10.00 p. m.	10.28 p. m.	.02	.09	.20	.34	.46	.59	.63								
July 15	5.20 p. m.	6.45 p. m.	1.03	6.10 p. m.	6.31 p. m.	.05	.21	.48	.86	.96										
July 15–16	10.15 p. m.	2.20 a. m.	.95	10.24 p. m.	10.53 p. m.	.01	.12	.26	.44	.60	.74	.80								
Charles City, Iowa:																				
Aug. 10	1.00 a. m.	5.30 a. m.	1.13	2.08 a. m.	2.30 a. m.	.15	.07	.19	.41	.62	.69									
Aug. 19–20	10.55 p. m.	9.10 a. m.	1.08	10.55 p. m.	11.13 p. m.	.00	.08	.29	.44	.52										
Oct. 9	3.05 a. m.	6.30 a. m.	.92	3.11 a. m.	3.33 a. m.	.01	.11	.13	.35	.54	.57									
Davenport, Iowa:																				
June 30	2.59 p. m.	4.15 p. m.	.55	3.04 p. m.	3.30 p. m.	.02	.08	.27	.34	.40	.50	.53								
Des Moines, Iowa:																				
May 3	2.47 p. m.	6.30 p. m.	1.56	4.47 p. m.	5.25 p. m.	.40	.09	.19	.35	.50	.57	.64	.74	.78						
June 24	8.02 p. m.	9.15 p. m.	1.08	8.02 p. m.	8.57 p. m.	.00	.22	.55	.68	.68	.68	.68	.68	.68	.80	1.02	1.08			
Aug. 10–11	9.45 p. m.	D. N. a. m.	2.03	9.49 p. m.	10.16 p. m.	.01	.51	.79	.97	1.07	1.19	1.23								
Aug. 18	4.40 p. m.	7.25 p. m.	.90	5.12 p. m.	5.31 p. m.	.02	.09	.46	.65	.71										
Sept. 10–11	D. N. p. m.	7.10 a. m.	.99	4.09 a. m.	4.33 a. m.	.16	.08	.22	.32	.45	.52									
Dubuque, Iowa:																				
June 6	12.16 p. m.	2.30 p. m.	.68	12.34 p. m.	12.57 p. m.	.05	.25	.42	.50	.57	.61									
July 11	5.42 p. m.	8.00 p. m.	.98	6.06 p. m.	6.32 p. m.	.04	.10	.21	.39	.53	.72	.75								
Aug. 17	7.14 p. m.	11.45 p. m.	1.57	7.30 p. m.	8.15 p. m.	.02	.09	.17	.21	.39	.65	.89	1.06	1.27	1.40					
Keokuk, Iowa:																				
May 5	1.15 p. m.	4.15 p. m.	.88	1.35 p. m.	1.56 p. m.	.05	.14	.30	.41	.57	.62									
Cairo, Ill.:																				
Mar. 25	D. N. a. m.	10.23 a. m.	2.18	5.21 a. m.	6.25 a. m.	.08	.22	.44	.60	.71	.74	.75	.79	.82	.86	.98	1.27	1.46		
	11.28 a. m.	12.45 p. m.	.77	11.29 a. m.	11.56 a. m.	.01	.11	.16	.29	.38	.60	.73								
	2.10 p. m.	9.00 p. m.	1.33	2.33 p. m.	3.05 p. m.	.02	.32	.34	.35	.42	.49	.64	.69							
July 11–12	11.30 p. m.	3.15 a. m.	1.17	11.48 p. m.	12.11 a. m.	.03	.06	.25	.37	.62	.71									
July 30	3.05 p. m.	6.05 p. m.	2.56	3.11 p. m.	[2]	.01	.46	.91	1.32	1.54	1.66	1.76	1.85	[2]	[2]					
Aug. 21–22	10.05 p. m.	D. N. a. m.	1.41	10.10 p. m.	10.48 p. m.	.01	.13	.22	.41	.44	.61	.76	.90	.97						
Oct. 8	7.00 a. m.	11.30 a. m.	1.56	7.14 a. m.	8.00 a. m.	.03	.10	.15	.33	.51	.77	1.02	1.18	1.27	1.32	1.36				
La Salle, Ill.:[3]																				
May 5	2.12 p. m.	2.58 p. m.	.60	2.33 p. m.	2.54 p. m.	.02	.15	.25	.30	.55	.58									
July 16	2.10 a. m.	3.15 a. m.	.87	2.20 a. m.	2.36 a. m.	.01	.19	.48	.79	.83										
Aug. 10	11.10 a. m.	1.55 p. m.	1.68	12.05 p. m.	1.06 p. m.	.09	.11	.24	.28	.45	.49	.52	.56	.75	.95	1.20	1.50	1.57		
Aug. 17	6.25 a. m.	9.10 a. m.	1.10	7.32 a. m.	8.14 a. m.	.15	.10	.19	.42	.58	.63	.64	.79	.86	.89					
Peoria, Ill.:																				
Aug. 11	5.22 a. m.	10.45 a. m.	1.32	8.07 a. m.	8.27 a. m.	.49	.15	.39	.56	.65										
Oct. 7	2.28 p. m.	3.30 p. m.	.83	2.37 p. m.	2.53 p. m.	.01	.31	.60	.80	.82										
Springfield, Ill.:																				
June 21	4.50 p. m.	8.20 p. m.	.74	4.54 p. m.	5.15 p. m.	.01	.19	.39	.45	.50	.54									
Aug. 13	D. N. a. m.	9.00 a. m.	1.31	6.43 a. m.	7.17 a. m.	.25	.06	.10	.19	.35	.42	.61	.68							
Nov. 27–28	D. N. p. m.	D. N. a. m.	.76	12.53 a. m.	1.12 a. m.	.16	.06	.16	.43	.56										
Hannibal, Mo.:																				
Apr. 3	2.50 p. m.	4.50 p. m.	1.37	3.03 p. m.	3.37 p. m.	.01	.23	.43	.48	.76	1.07	1.10	1.16							
June 24	8.32 p. m.	D. N. p. m.	.81	9.10 p. m.	9.52 p. m.	.09	.13	.24	.29	.43	.51	.54	.57	.63	.71					
Sept. 11	3.18 p. m.	D. N. p. m.	1.39	4.23 p. m.	5.02 p. m.	.08	.20	.55	.62	.64	.67	.75	.83	.93						
Sept. 19–20	7.10 p. m.	D. N. a. m.	1.44	9.22 p. m.	10.07 p. m.	.35	.08	.36	.58	.60	.64	.70	.79	.88	.89					

[1] Partly estimated; high winds prevented rain from falling in receiver.
[2] Tipping bucket caught temporarily.
[3] Station discontinued Oct. 1, 1913.

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.																				
St. Louis, Mo.:																				
July 1	11.37 a. m.	3.00 p. m.	2.12	11.40 a. m.	Noon	0.01	0.38	0.67	0.78	0.83										
				1.22 p. m.	1.45 p. m.	.91	.24	.50	.64	.81	0.89									
Aug. 19	11.58 a. m.	4.00 p. m.	1.21	12.14 p. m.	12.58 p. m.	.05	.12	.26	.30	.34	.46	0.65	0.80	0.93	1.01					
MISSOURI VALLEY.																				
Columbia, Mo.:																				
Apr. 3	1.45 p. m.	3.30 p. m.	.85	1.55 p. m.	2.16 p. m.	.01	.17	.31	.40	.47	.51									
June 23	6.50 p. m.	10.30 p. m.	1.28	7.46 p. m.	8.04 p. m.	.23	.30	.57	.79	.84										
July 11	5.35 p. m.	7.00 p. m.	.98	5.38 p. m.	6.11 p. m.	.01	.24	.49	.64	.76	.83	.89	.94							
Kansas City, Mo.:																				
June 24	4.05 p. m.	6.15 p. m.	.96	4.13 p. m.	5.09 p. m.	.02	.07	.13	.18	.23	.33	.42	.52	.62	0.71	0.79	0.90			
	6.35 p. m.	9.00 p. m.	.86	8.12 p. m.	8.35 p. m.	.19	.08	.22	.43	.59	.66									
July 11	3.33 p. m.	3.53 p. m.	.58	3.33 p. m.	3.44 p. m.	.00	.23	.55	.58											
July 25	5.27 p. m.	6.00 p. m.	.64	5.30 p. m.	5.48 p. m.	.01	.30	.41	.57	.63										
Sept. 10	1.50 a. m.	D. N. a. m.	.72	1.55 a. m.	2.14 a. m.	.02	.16	.30	.41	.52										
Sept. 10–11	9.45 p. m.	D. N. a. m.	1.15	9.56 p. m.	10.23 p. m.	.02	.20	.38	.55	.71	.86	.92								
Sept. 19	4.28 p. m.	5.40 p. m.	.97	4.31 p. m.	4.44 p. m.	.01	.35	.85	.92											
Oct. 9	8.00 p. m.	10.50 p. m.	1.94	9.18 p. m.	10.16 p. m.	.13	.09	.22	.42	.62	.90	1.32	1.51	1.56	1.63	1.65	1.79			
St. Joseph, Mo.:																				
Apr. 2–3	5.01 p. m.	7.16 p. m.	.77	6.47 p. m.	7.12 p. m.	.09	.08	.27	.33	.48	.67									
July 7	12.30 a. m.	6.38 a. m.	1.42	3.40 a. m.	3.56 a. m.	.60	.24	.37	.49	.53										
Sept. 10–11	6.04 p. m.	D. N. a. m.	1.95	6.21 p. m.	7.03 p. m.	.04	.23	.52	.73	1.00	1.20	1.30	1.35	1.40	1.43					
Oct. 6–7	D. N. p. m.	D. N. a. m.	1.16	1.37 a. m.	2.02 a. m.	.30	.10	.25	.32	.38	.55									
Springfield, Mo.:																				
June 3	D. N. a. m.	8.50 a. m.	1.76	2.36 a. m.	3.10 a. m.	.07	.07	.13	.25	.47	.73	.82	.85							
July 30	4.18 p. m.	5.50 p. m.	1.75	4.18 p. m.	5.02 p. m.	.09	.07	.13	.39	.75	1.08	1.31	1.44	1.60	1.67					
Iola, Kans.:																				
May 20	6.30 p. m.	8.15 p. m.	.64	7.20 p. m.	7.35 p. m.	.03	.12	.34	.60											
June 21	6.10 p. m.	9.25 p. m.	1.29	7.44 p. m.	7.59 p. m.	.43	.27	.57	.68											
June 30	1.45 p. m.	3.50 p. m.	1.69	1.52 p. m.	2.20 p. m.	.02	.12	.26	.39	.90	1.44	1.62								
Sept. 11	4.50 a. m.	9.55 a. m.	1.62	4.56 a. m.	5.27 a. m.	.01	.12	.21	.29	.33	.43	.51	.55							
Topeka, Kans.:																				
May 19	8.16 a. m.	10.45 a. m.	.73	8.29 a. m.	8.53 a. m.	.03	.07	.21	.28	.49	.56									
June 4	6.53 p. m.	7.55 p. m.	.63	6.55 p. m.	7.17 p. m.	.01	.12	.33	.46	.53	.57									
June 6	5.15 p. m.	7.05 p. m.	.98	5.59 p. m.	6.11 p. m.	.31	.27	.47	.50											
Sept. 10–11	5.04 p. m.	3.15 p. m.	3.13	7.32 a. m.	8.07 a. m.	1.52	.14	.25	.32	.50	.68	.78	.84							
Oct. 6–7	6.21 p. m.	4.00 a. m.	2.05	6.27 p. m.	7.07 p. m.	.02	.12	.33	.41	.66	.79	.92	1.04	1.13						
Oct. 9–10	11.15 p. m.	12.55 a. m.	.82	11.39 p. m.	12.06 a. m.	.06	.12	.28	.45	.57	.64	.70								
Lincoln, Nebr.:																				
June 4	3.30 p. m.	7.27 p. m.	.97	5.11 p. m.	5.33 p. m.	.08	.09	.24	.34	.51	.55									
July 28	1.28 a. m.	3.45 a. m.	.99	1.30 a. m.	1.49 a. m.	.01	.16	.40	.52	.59										
Omaha, Nebr.:																				
May 2–3	6.05 p. m.	7.30 a. m.	1.11	8.02 p. m.	8.37 p. m.	.12	.14	.34	.35	.35	.42	.59	.69							
May 19–20	7.00 p. m.	1.50 a. m.	1.14	7.09 p. m.	7.37 p. m.	.01	.07	.15	.37	.47	.54	.60								
June 1	12.35 a. m.	5.25 a. m.	1.08	12.41 a. m.	1.39 a. m.	.01	.12	.29	.43	.49	.51	.52	.53	.54	.58	.67	.81			
July 28	2.40 a. m.	5.20 a. m.	.67	2.40 a. m.	3.10 a. m.	.00	.07	.27	.40	.46	.51	.59								
Valentine, Nebr.:																				
May 11	3.50 p. m.	4.47 p. m.	.97	4.21 p. m.	4.46 p. m.	.01	.09	.38	.77	.90	.96									
July 15	7.50 p. m.	8.40 p. m.	.78	8.02 p. m.	8.17 p. m.	.03	.30	.63	.74											
July 16–17	D. N. p. m.	D. N. a. m.	1.28	12.30 a. m.	1.24 a. m.	.07	.08	.39	.51	.55	.57	.59	.67	.76	.89	.98	1.05			
Aug. 16–17	9.10 p. m.	2.15 a. m.	1.72	9.26 p. m.	10.29 p. m.	.01	.09	.18	.29	.45	.56	.65	.71	.73	.75	.76	.97	1.05		
Sioux City, Iowa:																				
July 22	2.50 p. m.	8.25 p. m.	.92	3.17 p. m.	3.32 p. m.	.03	.21	.45	.59											
Pierre, S. Dak.:																				
May 18–19	11.30 p. m.	3.05 a. m.	1.22	12.16 a. m.	12.57 a. m.	.26	.12	.21	.28	.40	.47	.49	.55	.64	.68					
July 15	8.30 p. m.	11.05 p. m.	.99	9.42 p. m.	10.10 p. m.	.04	.08	.25	.45	.63	.68	.75								
Huron, S. Dak.:																				
July 16	12.02 a. m.	D. N. a. m.	.87	12.05 a. m.	12.35 a. m.	.01	.14	.21	.38	.55	.63	.69								
Aug. 17	2.35 a. m.	6.25 a. m.	1.05	3.37 a. m.	4.05 a. m.	.06	.10	.21	.37	.39	.47	.54								
Oct. 4	3.25 p. m.	4.45 p. m.	.91	3.43 p. m.	4.11 p. m.	.09	.28	.44	.51	.60	.66	.72								
Yankton, S. Dak.:																				
May 13	12.45 a. m.	8.40 a. m.	2.20	3.32 a. m.	4.36 a. m.	.56	.07	.16	.31	.39	.49	.62	.72	.78	.83	.91	1.15	1.31		
June 19–20	9.15 p. m.	2.45 a. m.	1.65	9.37 p. m.	10.35 p. m.	.01	.16	.35	.57	.68	.69	.70	.71	.74	.82	.90	.98			
June 25	9.25 p. m.	11.45 p. m.	2.24	10.43 p. m.	11.39 p. m.	.12	.11	.40	.61	.70	.93	1.11	1.31	1.54	1.70	1.82	2.12			
Aug. 10	1.30 p. m.	5.15 p. m.	1.32	1.28 p. m.	1.52 p. m.	.01	.21	.38	.52											
NORTHERN SLOPE.																				
Havre, Mont.[1]																				
Helena, Mont.[1]																				
Kalispell, Mont.:																				
June 27–28	8.10 p. m.	3.30 p. m.	1.29	8.12 p. m.	8.41 p. m.	.01	.07	.30	.37	.45	.50	.55								
Rapid City, S. Dak.[1]																				
Cheyenne, Wyo.:																				
Sept. 2	2.23 p. m.	3.10 p. m.	.94	2.23 p. m.	2.51 p. m.	.00	.11	.20	.24	.50	.85	.93								
Lander, Wyo.[1]																				
Sheridan, Wyo.:																				
June 15	4.30 p. m.	5.52 p. m.	.54	5.30 p. m.	5.43 p. m.	.01	.17	.36	.50											
June 18	12.05 p. m.	12.52 p. m.	.68	12.21 p. m.	12.44 p. m.	.01	.23	.46	.53	.59	.66									
Yellowstone Park, Wyo.[1]																				
North Platte, Nebr.:																				
May 31	10.03 p. m.	11.08 p. m.	1.52	10.11 p. m.	10.46 p. m.	.01	.14	.29	.53	.79	1.17	1.40	1.50							
July 17–18	11.25 p. m.	4.45 a. m.	1.15	11.44 p. m.	12.29 a. m.	.03	.08	.17	.23	.33	.44	.50	.56	.67	.73					

[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.																				
Denver, Colo.[1]																				
Pueblo, Colo.[1]																				
Concordia, Kans.:																				
May 3	12.16 a. m.	5.05 a. m.	1.96	12.18 a. m.	12.46 a. m.	0.01	0.33	0.50	0.73	0.94	1.05	1.11								
May 19	7.52 p. m.	11.52 p. m.	1.39	7.59 p. m.	8.43 p. m.	.01	.08	.14	.26	.43	.60	.66	0.68	0.73	0.84					
June 4	2.37 p. m.	6.17 p. m.	1.40	3.24 p. m.	3.38 p. m.	.38	.13	.45	.64											
Dodge City, Kans.:																				
Sept. 8–9	10.50 p. m.	D. N. a. m.	1.36	11.11 p. m.	11.41 p. m.	.10	.17	.28	.39	.33	.48	.54								
Wichita, Kans.:																				
Apr. 7	6.30 p. m.	9.30 p. m.	1.15	6.53 p. m.	7.32 p. m.	.02	.07	.24	.33	.35	.59	.76	.89	.93						
Oct. 6	5.18 p. m.	11.05 p. m.	2.11	5.26 p. m.	5.43 p. m.	.01	.16	.43	.63	.66										
				8.24 p. m.	8.58 p. m.	.94	.06	.38	.51	.69	.81	.95	1.04							
Oklahoma, Okla.:																				
May 17	4.24 p. m.	5.28 p. m.	.58	4.35 p. m.	5.05 p. m.	.04	.05	.13	.24	.36	.44	.51								
June 8	10.05 a. m.	12.50 p. m.	.99	10.07 a. m.	10.46 a. m.	.01	.10	.20	.41	.56	.64	.69	.74	.78						
June 30–July 1	11.05 p. m.	12.20 p. m.	4.82	3.35 a. m.	4.25 a. m.	.23	.14	.20	.36	.58	.71	.79	.89	.97	1.05	1.14				
				4.25 a. m.	5.15 a. m.	.....	1.26	1.42	1.53	1.64	1.68	1.79	1.90	2.13	2.28	2.40				
				5.15 a. m.	6.10 a. m.	.....	2.62	2.83	2.97	3.10	3.36	3.60	3.77	3.90	3.98	4.06	4.19			
Sept. 24–25	6.35 p. m.	5.00 a. m.	2.03	6.35 p. m.	7.11 p. m.	.00	.14	.28	.36	.40	.49	.57	.64	.66						
SOUTHERN SLOPE.																				
Abilene, Tex.:																				
May 3–4	4.30 p. m.	D. N. a. m.	3.63	11.11 p. m.	12.03 a. m.	1.69	.07	.20	.30	.48	.66	.81	.90	.98	1.02	1.11	1.16			
Sept. 11	10.30 a. m.	1.55 p. m.	1.04	11.35 a. m.	11.55 a. m.	.03	.30	.55	.82	.90										
Oct. 1–2	4.08 p. m.	9.00 a. m.	1.76	5.46 p. m.	7.27 p. m.	.10	.05	.13	.18	.27	.44	.49	.56	.63	.65	.67	.87	1.15	1.45	1.51
Amarillo, Tex.:																				
July 25	7.12 p. m.	10.10 p. m.	.82	7.26 p. m.	7.48 p. m.	.01	.19	.27	.51	.70	.73									
Del Rio, Tex.:																				
June 17	12.35 p. m.	1.05 p. m.	.78	12.35 p. m.	12.58 p. m.	.00	.07	.28	.40	.63	.77									
June 18	4.50 a. m.	5.55 a. m.	.63	5.30 a. m.	5.52 a. m.	.07	.09	.31	.42	.50	.56									
	4.40 p. m.	5.45 p. m.	.76	4.54 p. m.	5.11 p. m.	.13	.22	.44	.55	.60										
July 26	8.15 a. m.	1.39 p. m.	1.52	9.38 a. m.	10.10 a. m.	.36	.05	.16	.30	.43	.62	.78	.83							
Nov. 18	12.05 a. m.	5.10 a. m.	1.74	1.07 a. m.	2.14 a. m.	.04	.16	.20	.22	.29	.42	.47	.50	.51	.56	.62	.92	1.05		
Dec. 2	1.05 a. m.	4.30 a. m.	.93	1.47 a. m.	2.03 a. m.	.07	.18	.37	.81	.82										
Roswell, N. Mex.:																				
June 23	2.15 p. m.	2.40 p. m.	.63	2.21 p. m.	2.30 p. m.	.01	.25	.61												
SOUTHERN PLATEAU.																				
El Paso, Tex.[1]																				
Santa Fe, N. Mex.[1]																				
Flagstaff, Ariz.[1]																				
Phoenix, Ariz.:																				
July 19–20	10.30 p. m.	D. N. a. m.	.72	10.32 p. m.	10.58 p. m.	.01	.17	.23	.32	.51	.65	.68								
Yuma, Ariz.[1]																				
Independence, Cal.[1]																				
MIDDLE PLATEAU.																				
Reno, Nev.:																				
July 23	9.55 a. m.	10.40 a. m.	.73	9.55 a. m.	10.17 a. m.	.00	.12	.31	.56	.67	.70									
Tonopah, Nev.[1]																				
Winnemucca, Nev.[1]																				
Modena, Utah[1]																				
Durango, Colo.[1]																				
Grand Junction, Colo.[1]																				
NORTHERN PLATEAU.																				
Baker, Oreg.[1]																				
Boise, Idaho[1]																				
Lewiston, Idaho[1]																				
Pocatello, Idaho[1]																				
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.[1]																				
Sacramento, Cal.[1]																				
San Francisco, Cal.[1]																				
San Jose, Cal.[1]																				
Southeast Farallon, Cal.[1 2]																				

[1] No excessive precipitation.

[2] Station discontinued at termination of July, 1913.

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.
SOUTH PACIFIC COAST REGION.																				
Fresno, Cal.[1]																				
Los Angeles, Cal.:																				
Nov. 12	2.09 p. m.	3.05 p. m.	.82	2.23 p. m.	2.58 p. m.	0.08	0.06	0.28	0.46	0.56	0.61	0.65	0.74							
Nov. 18	6.10 p. m.	11.20 p. m.	1.45	7.44 p. m.	8.13 p. m.	.32	.06	.16	.23	.31	.54	.66								
San Diego, Cal.[1]																				
San Luis Obispo, Cal.[1]																				
ISLAND POSSESSIONS.																				
Honolulu, Hawaii:																				
Jan. 22	3.50 p. m.	8.45 p. m.	.89	4.07 p. m.	4.44 p. m.	.04	.05	.09	.20	.35	.46	.53	.58	0.63						
May 15–16	1.30 p. m.	D. N. a. m.	1.15	2.05 p. m.	2.44 p. m.	.01	.07	.31	.46	.54	.69	.82	.95	1.01						
June 2–3	6.05 p. m.	7.55 p. m.	3.20	5.51 p. m.	6.37 p. m.	2.05	.07	.21	.40	.52	.69	.81	.90	.97	1.04	1.07				
San Juan, P. R.:																				
Mar. 28	3.10 p. m.	6.30 p. m.	.92	4.26 p. m.	4.56 p. m.	.02	.07	.24	.42	.68	.77	.85								
Mar. 29	1.35 p. m.	4.10 p. m.	1.04	2.52 p. m.	3.16 p. m.	.13	.12	.31	.61	.78	.84									
Apr. 22–23	2.35 p. m.	12.50 a. m.	2.33	8.53 p. m.	9.12 p. m.	1.11	.13	.24	.40	.47										
May 4	4.00 p. m.	9.30 p. m.	2.30	7.47 p. m.	8.27 p. m.	.78	.09	.20	.24	.56	.95	1.09	1.17	1.24						
June 13	1.10 p. m.	2.35 p. m.	.76	1.55 p. m.	2.18 p. m.	.05	.21	.35	.51	.65	.71									
Aug. 7	1.40 p. m.	6.20 p. m.	1.34	2.40 p. m.	2.58 p. m.	.13	.15	.35	.62	.68										
Aug. 29	12.10 p. m.	2.10 p. m.	1.08	1.36 p. m.	1.50 p. m.	.37	.16	.48	.65											
Sept. 19	8.30 p. m.	9.30 p. m.	.81	8.30 p. m.	8.49 p. m.	.00	.17	.36	.59	.75										
Sept. 21	3.50 p. m.	4.50 p. m.	.93	4.05 p. m.	4.29 p. m.	.04	.13	.39	.67	.79	.88									
Oct. 7	3.05 p. m.	5.25 p. m.	.70	4.11 p. m.	4.41 p. m.	.06	.10	.22	.30	.39	.47	.53								
Oct. 18	4.00 a. m.	5.25 a. m.	.85	4.08 a. m.	4.32 a. m.	.02	.13	.35	[2] 1.54	[2] 2.69	[2] 2.80									
Dec. 6	9.40 a. m.	11.40 a. m.	1.06	10.25 a. m.	11.18 a. m.	.10	.22	.33	.43	.51	.54	.55	.56	.56	.59	.81	.95			

[1] No excessive precipitation.

[2] Record partly estimated.

PART III.

MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR TWO HUNDRED AND FOUR STATIONS DURING 1913.

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 pressure 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 homogeneous system of pressures, one remaining correction, viz:

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

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

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 gauge 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 gauge 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, where the 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 determine the average cloudiness on the scale given above, 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 correspomding 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, 1913.

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	28.271	28.621	27.684	36.1	47.9	55.8	32.7	44.2	76	9	26	26	70	47	0.159	0.161	0.25	0.11	3.8	4.4	5.2
February	28.233	28.549	27.717	34.1	46.1	52.9	31.0	42.0	75	19	29	28	81	54	.165	.160	.56	.26	5.6	5.3	5.9
March	28.240	28.635	27.742	42.0	59.0	64.4	39.6	52.0	90	21	32	30	68	38	.198	.191	1.27	.67	4.0	4.2	4.8
April	28.212	28.589	27.830	53.7	72.4	77.5	51.2	64.4	94	34	39	34	60	28	.256	.214	1.57	1.03	3.0	2.3	2.8
May	28.145	28.471	27.888	64.4	79.7	85.7	61.7	73.7	98	51	55	50	72	40	.432	.373	4.73	3.63	3.7	3.7	3.8
June	28.186	28.353	27.968	70.4	80.7	86.2	68.1	77.2	96	60	62	59	77	51	.565	.504	1.99	.84	7.2	6.6	6.7
July	28.206	28.418	27.921	75.0	91.2	96.2	72.4	84.3	102	66	62	55	65	32	.559	.449	.72	.28	2.2	3.7	3.4
August	28.205	28.367	27.985	73.6	89.9	96.8	71.8	84.3	100	68	62	56	68	33	.554	.446	.58	.34	2.8	3.9	4.0
September	28.194	28.396	27.841	63.2	76.8	83.5	61.9	72.7	99	47	55	52	78	48	.456	.418	4.42	2.90	4.4	4.6	4.4
October	28.240	28.621	27.937	54.5	63.2	72.3	51.0	61.6	86	30	48	48	79	60	.374	.374	3.88	2.02	5.8	4.3	5.4
November	28.268	28.632	27.941	53.4	60.1	66.7	50.7	58.7	78	37	49	51	86	73	.366	.380	5.82	1.92	6.1	5.2	6.7
December	28.291	28.641	27.919	38.0	45.3	51.6	35.2	43.4	70	24	34	37	85	73	.209	.233	2.07	.87	5.1	3.6	5.6
Year	28.224	28.641	27.684	54.9	67.7	74.1	52.3	63.2	102	9	46	44	74	48	.358	.325	27.81	3.63	4.5	4.3	4.9

ALBANY, N. Y.

[ϕ=42° 39′ N.; λ=73° 45′ W.]

January	29.980	30.601	28.365	32.3	35.3	42.8	26.4	34.6	61	10	27	27	82	71	0.157	0.157	2.20	0.65	6.9	5.5	6.9
February	29.917	30.378	29.508	17.9	23.1	30.5	12.8	21.6	49	— 1	12	16	75	72	.076	.094	1.64	.93	5.1	4.2	4.7
March	29.983	30.712	29.316	35.7	39.2	47.7	29.0	38.4	70	3	30	29	79	68	.137	.182	4.22	1.21	6.1	5.5	6.1
April	29.916	30.459	29.525	44.7	51.8	59.1	40.5	49.8	85	27	33	33	65	51	.207	.209	1.38	.60	5.2	4.2	4.6
May	29.893	30.216	29.524	54.5	59.7	66.7	48.2	57.4	89	34	42	43	64	57	.282	.296	3.29	1.31	5.2	4.5	5.1
June	29.889	30.365	29.573	63.7	71.7	79.6	55.9	67.8	93	40	52	52	66	52	.396	.410	1.71	1.04	3.3	3.4	2.7
July	29.825	30.104	29.546	69.1	75.4	83.6	62.0	72.8	99	49	57	58	66	56	.477	.497	1.82	.63	3.4	3.1	3.3
August	29.917	30.329	29.610	66.3	73.6	82.0	61.1	71.6	97	49	56	56	71	57	.467	.468	1.14	.36	4.1	4.5	3.2
September	30.030	30.498	29.629	56.3	62.9	71.5	51.9	61.7	89	35	50	50	80	65	.379	.384	1.79	.91	4.5	4.5	3.9
October	29.864	30.326	28.947	52.1	55.6	62.7	48.2	55.4	82	31	47	47	84	75	.341	.348	4.12	1.16	7.4	5.5	6.2
November	30.015	30.553	28.986	40.4	43.8	49.9	35.6	42.8	68	26	34	33	77	67	.205	.200	1.48	.48	6.2	5.5	6.2
December	29.915	30.343	29.174	28.8	32.5	39.2	24.7	32.0	55	3	24	26	83	74	.139	.146	1.60	.86	6.5	4.8	6.5
Year	29.929	30.712	28.365	46.8	52.0	59.6	41.4	50.5	99	— 1	39	39	74	64	.276	.283	26.39	1.31	5.3	4.6	5.0

ALPENA, MICH.

[ϕ=45° 05′ N.; λ=83° 30′ W.]

January	29.315	29.855	28.472	21.9	24.8	30.3	15.9	23.1	50	2	18	20	86	81	0.106	0.110	1.53	0.49	8.6	7.0	7.9
February	29.324	29.754	28.905	10.1	15.0	22.6	4.7	13.6	41	— 9	7	10	86	78	.062	.070	1.49	.77	8.0	5.0	6.1
March	29.287	29.917	28.092	22.7	26.9	35.5	16.4	26.0	57	— 9	19	20	85	75	.116	.117	3.01	1.05	7.1	5.0	5.9
April	29.414	29.878	28.982	39.3	42.5	49.7	33.6	41.6	82	24	32	35	74	75	.192	.217	3.23	1.80	4.3	4.9	4.4
May	29.379	29.827	29.011	49.5	51.9	60.5	41.4	51.0	88	28	40	41	73	67	.260	.261	2.12	.85	5.5	5.4	5.2
June	29.390	29.903	29.077	61.7	63.1	72.8	51.6	62.2	97	37	52	52	70	69	.404	.412	3.20	1.61	3.6	3.7	3.7
July	29.303	29.594	28.753	63.7	67.6	75.6	55.1	65.4	95	44	56	57	77	69	.462	.470	1.90	.82	5.1	4.1	4.9
August	29.369	29.703	28.940	63.1	67.4	74.3	56.9	65.6	91	41	57	58	80	73	.469	.489	1.45	.77	5.8	4.6	5.4
September	29.448	29.866	28.823	54.5	58.0	64.9	48.8	56.8	92	36	50	50	84	77	.372	.382	1.77	.62	4.6	4.3	4.7
October	29.320	29.765	28.704	45.4	48.1	54.2	41.6	47.9	71	24	42	42	87	80	.281	.291	3.41	.97	7.5	5.6	7.1
November	29.360	29.750	28.624	35.6	40.1	45.4	32.3	38.8	65	21	32	34	85	78	.182	.202	2.85	.97	7.0	6.7	7.3
December	29.380	29.725	28.748	29.4	31.2	37.0	25.0	31.0	52	8	26	25	87	78	.146	.140	.54	.26	7.3	5.5	6.3
Year	29.357	29.917	28.092	41.4	44.7	51.9	35.3	43.6	97	— 9	36	37	81	75	.254	.263	26.50	1.61	6.2	5.2	5.8

AMARILLO, TEX.

[ϕ=35° 13′ N.; λ=101° 50′ W.]

January	26.266	26.615	25.829	25.3	37.9	48.5	21.6	35.0	67	— 2	18	23	75	56	0.103	0.125	0.11	0.09	4.0	4.0	3.0
February	26.228	26.552	25.826	24.5	34.9	42.1	21.1	31.6	71	8	21	22	87	64	.114	.118	.55	.22	6.4	5.8	4.1
March	26.247	26.521	25.699	31.0	51.0	58.1	28.5	43.3	80	10	24	26	77	41	.136	.150	.59	.48	5.1	4.9	3.0
April	26.268	26.569	25.849	44.9	63.9	70.7	41.8	56.2	87	28	36	30	71	34	.217	.177	1.76	1.44	3.0	3.7	2.5
May	26.230	26.599	25.934	57.6	76.0	81.7	54.6	68.2	94	44	48	45	73	37	.337	.306	1.41	.67	4.4	4.7	2.8
June	26.287	26.485	25.997	62.3	75.0	80.6	59.7	70.2	93	51	58	55	86	56	.482	.447	2.32	.77	5.7	5.5	4.2
July	26.324	26.534	26.074	67.4	85.9	92.5	64.9	78.7	101	58	57	52	70	34	.464	.400	1.80	.83	3.2	3.4	2.8
August	26.338	26.580	26.091	67.8	85.9	93.6	66.4	80.0	99	61	55	52	65	32	.441	.392	.61	.26	2.5	4.2	2.5
September	26.324	26.531	25.931	53.9	68.1	77.1	52.4	64.8	94	38	50	51	87	59	.369	.390	4.19	1.41	4.0	5.0	3.9
October	26.307	26.615	25.998	45.4	58.2	68.0	42.5	55.2	85	24	39	39	79	51	.258	.253	.81	.30	4.5	4.9	3.0
November	26.301	26.691	25.904	42.7	51.7	60.9	39.7	50.3	79	32	39	39	85	65	.239	.243	1.98	.98	5.1	4.1	4.1
December	26.300	26.624	25.900	28.3	34.9	41.5	24.9	33.2	54	4	25	28	88	76	.140	.158	2.84	1.10	3.5	4.5	4.5
Year	26.285	26.691	25.699	45.9	60.3	67.9	43.2	55.6	101	— 2	38	38	79	50	.275	.263	18.97	1.44	4.3	4.6	3.4

Annual meteorological summary for the year ending Dec. 31, 1913.

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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	11.3	S.	34	S.	0	7	6	2	4	16	15	3	9	0	12	7	12	5	2	1	1	0	0	2	0	13	1	0
February	9.8	N.	36	S.	0	18	10	0	5	10	7	1	5	0	9	7	12	7	4	1	1	0	0	3	0	18	1	0
March	13.3	S.	42	W.	2	11	2	6	8	17	11	4	3	0	13	11	7	6	5	1	0	2	0	0	0	9	1	0
April	12.6	S.	37	S.	0	6	3	1	8	23	9	5	4	1	19	5	6	2	2	0	0	0	0	0	3	0	2	0
May	11.5	S.	34	SE.	0	1	6	4	17	22	7	2	3	0	16	8	7	8	5	0	0	3	0	0	11	0	7	0
June	11.0	S.	34	SE.	0	3	4	5	15	29	3	0	1	0	6	8	16	7	6	0	0	0	0	0	8	0	1	0
July	10.6	S.	35	SW.	0	1	1	4	10	33	9	2	2	0	17	13	1	5	4	0	0	1	0	0	30	0	4	0
August	8.4	S.	29	E.	0	1	3	4	16	28	8	1	0	1	14	13	4	4	3	0	0	0	0	0	31	0	10	0
September	9.9	S.	35	SW.	0	14	2	4	9	16	5	7	3	0	14	7	9	9	6	0	0	0	0	0	8	0	4	0
October	10.2	S.	35	SW.	0	10	4	7	10	17	11	2	1	0	10	11	10	7	6	0	0	0	0	0	0	1	1	0
November	9.9	S.	38	S.	0	7	3	3	10	23	6	2	6	0	7	6	17	10	8	0	0	1	1	0	0	0	3	0
December	8.2	SE.	30	S.	0	5	10	6	11	9	5	5	11	0	10	9	12	8	4	1	1	0	0	0	0	14	0	0
Year	10.6	S.	42	W.	2	84	54	46	123	243	96	34	48	2	147	105	113	78	55	4	3	7	1	5	91	55	35	0

ALBANY, N. Y.

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

January	10.2	S.	44	SW.	1	6	3	1	3	31	6	2	10	0	6	10	15	12	9	9	0	1	1	4	0	25	1	0
February	7.9	S.	30	W.	0	7	7	0	4	13	4	6	15	0	12	8	8	7	5	12	4	0	0	17	0	28	0	0
March	10.5	S.	39	S.	0	8	3	2	1	29	4	5	10	0	11	5	15	14	13	10	3	1	0	2	0	18	2	0
April	10.1	N.	33	S.	0	19	4	1	4	14	1	7	10	0	12	12	6	9	6	3	1	0	2	0	0	5	2	0
May	7.8	NW.	26	NW.	0	7	5	0	3	11	5	12	19	0	14	8	9	12	10	0	0	0	0	0	0	0	2	0
June	7.8	S.	26	S.	0	9	2	1	5	21	2	10	10	0	20	8	2	8	6	0	0	0	0	0	2	0	3	0
July	7.5	S.	30	SW.	0	1	4	1	7	27	2	9	11	0	18	11	2	10	7	0	0	0	1	0	4	0	6	0
August	7.5	S.	33	S.	0	12	7	1	5	23	5	1	8	0	17	14	0	8	7	0	0	0	0	0	3	0	3	0
September	7.1	S.	39	SE.	0	10	5	1	5	19	8	2	10	0	18	6	6	7	6	0	0	0	0	5	0	0	0	0
October	7.9	N.	38	S.	0	18	2	3	7	10	8	4	10	0	6	13	12	13	10	1	1	0	1	0	0	1	0	0
November	7.8	S.	39	S.	0	5	3	2	7	17	7	8	11	0	8	9	13	10	9	6	3	0	3	0	0	13	1	0
December	7.5	S.	29	NW.	0	12	0	4	4	21	4	5	12	0	5	11	15	9	7	10	5	0	1	6	0	23	0	0
Year	8.3	S.	44	SW.	1	114	45	17	55	236	56	71	136	0	147	115	103	119	95	51	17	2	14	29	9	113	20	0

ALPENA, MICH.

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

January	11.7	SW.	37	S.	0	2	5	0	5	8	18	7	17	0	1	9	21	16	9	20	13	0	2	17	0	30	0	0
February	13.1	NW.	43	S.	2	2	6	2	3	5	14	8	16	0	0	21	7	10	6	21	9	0	0	24	0	28	0	0
March	14.1	NW.	55	W.	2	4	2	3	7	11	13	9	13	0	2	20	9	16	8	17	9	1	5	14	0	28	1	0
April	12.7	NW.	42	E.	1	5	11	6	6	7	6	1	18	0	12	11	7	10	8	4	4	0	1	0	0	14	3	0
May	9.0	NW.	31	E.	0	4	7	6	9	7	8	2	18	1	8	17	6	11	6	0	0	0	0	0	0	4	3	0
June	10.2	SE.	46	SW.	1	4	2	6	17	2	7	10	12	0	13	15	2	11	7	0	0	0	0	0	2	0	8	0
July	11.0	NW.	52	SW.	2	4	1	2	8	5	12	9	21	0	7	21	3	9	8	0	0	0	0	0	1	0	7	0
August	10.3	SE.	36	NW.	0	4	8	6	14	3	4	9	14	0	4	25	2	12	7	0	0	1	0	0	1	0	4	0
September	11.3	SE.	33	W.	0	3	5	7	14	11	5	6	8	1	11	14	5	6	5	0	0	0	1	0	1	0	4	0
October	11.2	NW.	35	NE.	0	7	7	3	9	7	6	9	14	0	1	16	14	15	13	6	4	0	5	0	0	5	5	0
November	12.5	NW.	50	NW.	2	2	2	6	6	8	13	10	13	0	2	14	14	11	9	5	4	0	5	3	0	16	1	0
December	11.8	NW.	46	NW.	2	6	2	3	4	1	15	12	19	0	4	15	12	7	5	13	5	0	2	7	0	23	0	0
Year	11.6	NW.	55	W.	12	47	58	50	102	75	121	92	183	2	65	198	102	134	91	86	48	2	21	65	5	148	36	0

AMARILLO, TEX.

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

January	14.0	SW.	38	NE.	0	5	11	2	2	1	16	16	9	0	21	10	0	3	1	5	3	0	0	4	0	27	0	0
February	9.8	NE.	27	NE.	0	3	16	6	4	2	12	9	4	0	14	10	4	7	4	7	6	0	2	10	0	26	0	0
March	14.7	SW.	44	W.	4	5	10	4	6	9	20	6	2	0	22	9	0	5	3	4	3	0	0	1	0	18	1	0
April	13.9	SW.	39	N.	0	11	2	0	4	16	19	4	4	0	26	3	1	4	3	2	1	0	0	0	0	5	3	0
May	12.6	S.	34	SW.	0	3	6	5	6	17	18	2	5	0	26	4	1	7	5	0	0	0	0	0	8	0	7	0
June	11.8	S.	32	SW.	0	2	3	6	6	22	19	0	2	0	17	8	5	14	10	0	0	0	0	0	5	0	3	0
July	12.8	S.	36	SW.	0	2	6	1	8	26	16	3	0	0	26	5	0	7	4	0	0	0	1	0	24	0	5	0
August	10.1	S.	30	S.	0	2	4	3	9	29	7	5	3	0	27	4	0	7	5	0	0	0	0	0	27	0	8	0
September	10.2	S.	38	S.	0	11	6	1	9	18	6	2	7	0	18	6	6	10	8	0	0	0	2	0	4	0	4	0
October	11.4	SW.	44	N.	2	15	5	1	7	10	19	4	1	0	22	9	0	5	5	1	0	0	0	0	5	1	1	0
November	11.9	SW.	40	SW.	1	7	8	0	3	12	20	3	7	0	18	6	6	6	5	0	0	1	1	0	0	1	1	0
December	9.3	N.	37	NE.	0	19	4	2	5	6	9	4	13	0	17	6	8	8	8	6	4	0	3	4	0	27	1	0
Year	11.9	SW.	44	N.	7	85	81	31	69	168	181	58	57	0	254	80	31	83	61	25	18	2	9	19	68	109	34	0

Annual meteorological summary for the year ending December 31, 1913—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	29.379	29.789	28.745	45.8	52.2	61.0	41.3	51.2	74	27	42	....	86	....	0.286	.....	6.28	2.44	6.3	5.3	5.7
February	29.327	29.635	28.858	38.7	46.4	55.1	35.3	45.2	72	22	34	....	82	....	.206	.....	5.93	1.68	5.1	4.2	4.7
March	29.378	29.859	28.908	47.8	55.7	63.7	43.6	53.6	80	26	40	....	74	....	.277	.....	8.92	2.80	6.2	4.8	5.5
April	29.316	29.616	29.066	53.4	63.0	71.9	48.1	60.0	86	37	44	....	72	....	.302	.....	1.43	.72	3.3	3.8	4.0
May	29.275	29.501	29.069	65.3	71.2	82.3	57.4	69.8	93	48	57	....	76	....	.472	.....	2.96	1.55	4.2	4.5	4.3
June	29.297	29.520	29.194	71.4	76.5	88.2	62.9	75.6	98	47	63	....	75	....	.589	.....	3.53	1.36	2.5	5.4	3.8
July	29.310	29.472	29.182	75.8	81.0	90.1	69.6	79.8	100	61	69	....	79	....	.705	.....	4.12	.91	4.3	5.1	4.8
August	29.286	29.433	29.190	73.3	79.2	90.6	67.3	79.0	95	57	68	....	82	....	.678	.....	2.31	.76	3.2	3.2	3.6
September	29.310	29.516	29.099	66.0	70.2	82.0	61.7	71.8	95	39	60	....	82	....	.542	.....	4.95	2.79	5.2	4.9	5.4
October	29.280	29.685	28.987	52.1	56.6	71.0	45.9	58.4	87	28	47	....	87	....	.349	.....	2.66	.98	3.9	2.2	3.9
November	29.440	29.729	29.049	45.4	53.2	67.2	41.4	54.3	76	21	38	....	76	....	.244	.....	.95	.88	3.5	2.9	3.4
December	29.339	29.721	28.769	40.8	45.3	54.7	36.9	45.8	66	23	37	....	86	....	.232	.....	3.12	.75	6.4	4.4	6.4
Year	29.328	29.859	28.745	56.3	62.5	73.2	51.0	62.0	100	21	50	....	80	....	.407	.....	47.16	2.80	4.5	4.2	4.6

ASHVILLE, N. C.

[ϕ=35° 36′ N.; λ=82° 32′ W.]

January	27.783	28.230	27.047	40.8	46.1	55.3	35.3	45.3	70	22	36	38	84	72	0.233	0.241	2.95	1.36	5.1	4.9	5.7
February	27.696	28.039	27.336	33.4	41.2	48.4	30.1	39.2	67	15	26	27	74	56	.154	.160	1.59	.83	4.7	4.8	4.9
March	27.781	28.321	27.315	42.3	49.8	57.5	38.0	47.8	72	18	35	35	76	59	.231	.231	5.42	2.07	5.9	5.1	5.3
April	27.721	28.087	27.329	47.4	55.5	63.2	42.4	52.8	80	33	38	37	71	55	.238	.229	3.24	1.21	4.7	5.6	5.2
May	27.729	28.006	27.485	57.8	66.0	75.0	51.5	63.2	86	37	50	50	76	59	.372	.371	5.12	2.86	4.1	5.5	4.9
June	27.779	27.982	27.632	64.1	70.6	80.7	58.1	69.4	89	46	58	59	80	69	.494	.525	2.90	1.03	3.4	5.6	4.6
July	27.775	27.906	27.602	69.1	75.2	84.2	63.9	74.0	94	51	64	66	84	73	.604	.633	3.16	.91	5.5	6.1	5.9
August	27.773	27.954	27.610	65.0	72.3	82.1	61.5	71.8	88	54	63	65	94	80	.581	.629	2.41	.74	4.0	5.7	5.2
September	27.809	28.028	27.459	57.5	64.8	73.4	54.0	63.7	87	36	55	58	93	78	.452	.487	4.15	1.62	6.6	4.9	5.5
October	27.701	28.073	27.136	47.4	55.8	65.2	43.8	54.5	81	28	42	45	84	69	.292	.321	2.52	.96	3.5	3.6	3.5
November	27.840	28.139	27.159	37.8	51.1	61.1	34.4	47.8	73	21	33	37	83	60	.197	.233	.81	.86	3.2	4.0	3.5
December	27.727	28.043	27.085	34.3	42.3	49.8	30.9	40.4	68	16	30	32	85	70	.175	.191	2.52	.55	5.0	4.4	4.8
Year	27.760	28.321	27.047	49.7	57.6	66.3	45.3	55.8	94	15	44	46	82	67	.335	.351	36.79	2.86	4.6	5.0	4.9

ATLANTA, GA.

[ϕ=33° 45′ N.; λ=84° 23′ W.]

January	28.922	29.348	28.229	45.5	51.0	58.1	40.9	49.5	69	29	42	44	86	77	0.283	0.305	5.76	2.88	5.9	4.6	7.1
February	28.842	29.175	28.382	38.8	48.7	53.6	37.1	45.4	68	24	30	34	72	59	.184	.210	3.30	1.23	4.9	3.8	5.3
March	28.919	29.407	28.470	46.8	56.1	62.0	43.9	53.0	78	25	39	43	76	64	.272	.312	9.14	2.45	6.7	4.3	6.7
April	28.849	29.183	28.507	53.7	63.4	68.8	50.0	59.4	84	38	42	45	66	55	.275	.307	.84	.32	4.6	4.8	4.9
May	28.821	29.064	28.574	65.3	72.9	80.7	60.8	70.8	92	51	54	52	68	52	.428	.404	3.62	1.78	6.0	5.5	4.8
June	28.846	29.058	28.695	70.2	76.8	86.1	65.5	75.8	96	47	60	60	72	60	.540	.534	3.10	1.81	4.1	6.0	4.2
July	28.856	29.020	28.623	73.6	79.8	88.6	70.5	79.6	99	65	68	66	83	67	.681	.659	4.85	.96	6.2	6.6	5.9
August	28.841	28.968	28.691	72.5	79.2	87.8	69.4	78.6	93	65	66	66	82	66	.651	.645	2.53	1.05	4.3	5.0	5.1
September	28.872	29.071	28.596	64.9	71.7	78.6	62.1	70.4	92	45	58	59	80	68	.511	.523	2.40	.70	5.9	5.4	5.6
October	28.815	29.171	28.481	54.0	62.4	69.5	50.5	60.0	85	30	46	48	75	59	.337	.335	2.24	1.02	4.3	2.8	3.8
November	28.966	29.268	28.465	48.4	57.2	63.4	46.3	54.8	73	24	38	38	68	50	.246	.244	.54	.23	4.5	3.6	4.2
December	28.861	29.192	28.298	42.4	47.4	52.3	39.5	45.9	65	23	36	38	79	72	.224	.240	3.95	1.35	7.4	5.0	7.4
Year	28.868	29.407	28.229	56.3	63.9	70.8	53.0	61.9	99	23	48	49	76	62	.386	.393	42.27	2.88	5.4	4.8	5.4

ATLANTIC CITY, N. J.

[ϕ=39° 22′ N.; λ=74° 25′ W.]

January	30.098	30.696	28.735	41.1	43.1	49.2	35.5	42.4	63	22	37	36	84	76	0.234	0.223	4.36	0.83	6.3	5.5	6.3
February	30.020	30.536	29.451	30.3	34.4	40.6	26.8	33.7	61	12	21	24	68	64	.130	.146	2.04	1.03	3.8	3.6	4.5
March	30.107	30.871	29.367	42.3	44.1	50.2	37.1	43.6	60	16	37	37	80	78	.238	.241	2.47	.60	7.1	4.6	6.5
April	29.973	30.502	29.523	49.0	50.3	55.8	44.4	50.1	76	30	40	39	74	69	.268	.258	4.64	2.03	5.7	5.3	5.5
May	29.953	30.306	29.634	58.7	60.6	68.3	52.4	60.4	89	34	49	50	73	71	.359	.374	3.52	1.84	4.3	4.7	4.7
June	29.978	30.391	29.758	67.1	66.4	73.4	60.7	67.0	92	46	59	59	76	78	.509	.512	2.41	1.15	5.6	4.4	4.9
July	29.930	30.169	29.664	72.8	73.3	80.7	67.5	74.1	90	59	63	65	73	76	.590	.620	1.56	.52	3.6	4.1	4.0
August	30.000	30.327	29.736	72.2	72.6	78.1	67.4	72.8	89	61	64	64	75	76	.601	.608	3.73	1.32	4.3	4.4	4.0
September	30.086	30.466	29.704	65.3	67.3	72.3	61.3	66.8	86	46	59	59	80	77	.522	.537	3.10	1.79	6.2	4.8	5.6
October	29.916	30.401	29.321	56.5	58.3	64.0	52.5	58.2	73	34	51	51	83	78	.400	.403	3.83	1.28	6.4	4.7	6.0
November	30.112	30.459	29.115	45.5	48.6	55.5	41.1	48.3	77	30	39	38	77	68	.249	.242	2.81	1.23	5.3	3.4	4.9
December	29.993	30.367	29.150	36.6	41.3	47.4	33.1	40.2	58	20	30	32	76	69	.176	.191	2.73	1.13	5.5	5.5	5.1
Year	30.014	30.871	28.735	53.1	55.0	61.3	48.3	54.8	92	12	46	46	77	73	.356	.363	36.70	2.03	5.3	4.6	5.2

Annual meteorological summary for the year ending Dec. 31, 1913—Continued.

ANNISTON, ALA.

[H=741 ft.; h_t=9 ft.; h_s=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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	7.2	SE.	27	NW.	0	5	1	3	24	12	2	4	10	1	11	7	13	16	12	1	1	0	1	0	0	9	2	0
February	6.4	NW.	29	SW.	0	9	2	6	6	8	4	3	17	1	12	7	9	10	8	0	0	0	0	0	0	14	4	0
March	8.2	NW.	38	SW.	0	6	1	7	17	9	3	5	14	0	8	12	11	14	12	1	0	1	0	0	0	8	6	0
April	6.9	NW.	28	SE.	0	1	4	6	8	10	2	7	22	0	12	13	5	7	7	0	0	0	0	0	0	0	1	0
May	4.8	S.	23	S.	0	11	2	4	10	14	5	4	5	7	12	13	6	7	5	0	0	0	0	0	1	0	8	0
June	4.1	E.	29	N.	0	8	12	9	10	11	0	5	3	2	15	13	2	17	11	0	0	0	0	0	16	0	16	0
July	4.5	S.	33	N.	0	9	2	3	7	22	6	4	7	2	9	14	8	14	8	0	0	0	1	0	14	0	15	0
August	4.1	SE.	26	N.	0	7	3	6	21	10	2	5	4	4	12	18	1	10	8	0	0	0	0	0	19	0	12	0
September	5.8	SE.	26	SE.	0	3	2	4	32	6	2	4	2	5	8	12	10	12	11	0	0	0	0	0	3	0	7	0
October	5.1	NW.	40	E.	1	10	5	1	7	10	6	7	7	3	14	6	8	7	5	0	0	0	0	0	0	4	0	0
November	5.6	SE.	31	E.	0	5	2	3	26	10	1	2	9	2	17	8	5	4	4	0	0	0	0	0	0	5	0	0
December	5.2	SE.	25	NW.	0	16	2	3	14	5	2	8	11	1	6	11	14	13	10	1	1	0	1	0	0	9	0	0
Year	5.7	SE.	40	E.	1	90	38	55	182	127	35	58	111	28	136	134	92	131	101	3	2	1	3	0	53	49	71	0

ASHVILLE, N. C.

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

January	10.8	SE.	39	SE.	0	4	0	1	25	11	4	2	15	0	9	11	11	10	10	2	0	0	3	0	0	17	0	0
February	10.9	NW.	35	S.	0	14	0	1	15	5	1	2	18	0	10	9	9	8	6	0	0	0	0	1	0	19	1	0
March	12.2	SE.	35	NW.	0	9	0	2	25	9	1	1	15	0	12	5	14	13	11	3	0	0	0	0	0	12	4	0
April	10.6	NW.	32	SE.	0	11	0	2	16	4	1	1	24	1	12	5	13	10	7	2	0	0	0	0	0	0	0	0
May	6.6	NW.	36	NW.	0	8	0	1	9	15	3	2	22	2	13	11	7	12	9	0	0	0	1	0	0	0	11	0
June	6.1	NW.	33	E.	0	7	0	6	13	8	2	5	19	0	11	14	5	13	9	0	0	0	1	3	0	0	17	0
July	5.3	NW.	30	N.	0	10	2	3	14	8	2	4	17	2	7	15	9	13	11	0	0	0	1	3	0	4	0	0
August	5.6	SE.	30	E.	0	3	2	6	20	13	1	2	15	0	9	15	7	13	11	0	0	0	0	10	0	0	0	0
September	6.5	SE.	27	E.	0	3	2	9	23	8	0	1	12	2	10	11	9	12	11	0	0	0	0	6	0	0	0	0
October	8.0	NW.	33	S.	0	6	0	4	9	9	1	1	32	0	19	6	6	8	8	2	0	0	0	2	0	0	5	1
November	6.9	NW.	27	N.	0	12	0	5	16	4	0	1	18	4	17	7	6	5	4	3	1	0	0	1	1	0	11	0
December	7.7	NW.	39	E.	0	8	0	4	10	9	0	3	27	1	14	8	9	10	9	3	0	0	1	1	1	0	18	0
Year	8.1	NW.	39	SE.	0	95	6	44	195	103	16	25	234	12	143	117	105	127	106	15	1	2	30	3	4	82	68	0

ATLANTA, GA.

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

January	12.7	SE.	58	SW.	3	0	11	13	15	0	9	12	2	0	6	5	20	15	11	1	0	1	12	0	0	4	1	0
February	13.6	W.	54	E.	1	0	8	9	1	1	9	25	3	0	10	8	10	9	8	1	0	0	3	0	0	12	2	0
March	14.1	W.	48	W.	2	0	7	12	13	3	7	15	5	0	7	7	17	14	12	0	0	1	3	0	0	7	5	0
April	13.6	W.	36	SE.	0	3	4	7	10	1	11	21	3	0	12	8	10	8	4	0	0	0	0	0	0	0	1	0
May	10.2	SE.	60	NW.	1	1	5	10	11	4	12	16	8	1	13	9	9	9	8	0	0	0	0	0	1	0	6	0
June	7.9	W.	64	SW.	1	4	7	10	7	1	6	15	8	2	16	7	7	14	9	0	0	0	0	0	14	0	15	0
July	8.8	SW.	42	W.	1	3	4	2	11	11	14	12	5	0	10	6	15	17	13	0	0	0	0	0	11	0	16	0
August	7.4	NE.	30	E.	0	4	10	12	12	1	12	9	2	0	12	10	9	11	8	0	0	0	0	0	11	0	10	0
September	9.2	NE.	36	SW.	0	5	23	10	9	2	6	4	1	0	11	6	13	13	9	0	0	0	3	0	3	0	3	0
October	12.0	W.	50	SW.	1	0	6	5	9	2	14	17	9	0	17	5	9	8	6	1	0	0	0	0	0	3	1	0
November	11.0	E.	42	NW.	2	0	9	14	7	7	6	9	8	0	14	10	6	3	3	1	0	0	1	0	0	3	0	0
December	10.2	W.	46	W.	2	3	14	6	4	4	4	17	9	1	6	3	22	13	10	1	0	0	1	0	0	4	0	0
Year	10.9	W.	64	SW.	14	23	108	110	109	37	110	166	63	4	134	84	147	134	101	5	0	2	23	0	40	33	60	0

ATLANTIC CITY, N. J.

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

January	8.7	SW.	39	S.	0	7	4	4	0	8	22	6	11	0	8	6	17	14	13	2	0	0	1	1	0	11	1	0
February	8.6	NW.	31	S.	0	3	3	0	3	3	10	12	21	1	14	5	9	8	6	4	3	0	0	6	0	21	0	0
March	9.8	SW.	38	S.	0	5	1	3	4	17	15	4	13	0	8	7	16	12	9	1	0	0	0	1	0	9	1	0
April	10.1	NW.	30	NE.	0	4	8	1	9	8	8	8	14	0	10	10	10	12	10	2	0	0	0	0	0	2	7	0
May	8.3	NW.	26	NE.	0	13	6	5	7	4	10	9	8	0	12	9	10	9	8	0	0	0	0	1	0	0	3	0
June	7.4	SW.	22	N.	0	4	10	3	9	15	12	4	3	0	12	9	9	8	7	0	0	0	4	0	2	0	7	0
July	7.4	SW.	30	N.	0	7	7	4	2	12	15	7	8	0	16	11	4	8	6	0	0	0	0	0	2	0	5	0
August	7.9	SW.	37	S.	0	6	9	7	6	12	14	5	3	0	15	10	6	11	8	0	0	0	1	0	0	0	9	0
September	7.4	E.	35	S.	0	9	6	12	4	7	10	6	6	0	7	14	9	9	7	0	0	0	1	0	0	0	3	0
October	8.8	NW.	34	S.	0	10	8	3	5	12	3	3	18	0	10	6	15	12	10	0	0	0	0	0	0	0	2	0
November	7.9	NW.	34	S.	0	8	2	5	8	3	9	13	15	0	12	8	10	7	5	0	0	0	2	0	0	3	0	0
December	7.8	NW.	29	NE.	0	9	6	2	2	2	5	14	21	1	14	4	13	5	5	1	0	0	0	0	0	13	2	0
Year	8.3	NW.	39	S.	0	85	70	49	54	103	133	93	141	2	138	99	128	115	94	10	3	0	10	8	4	59	40	0

Annual meteorological summary for the year ending December 31, 1913—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	29.997	30.458	29.351	49.1	56.9	64.3	46.3	55.3	76	31	46	47	89	72	0.336	0.351	1.59	0.43	7.1	6.5	6.7
February	29.898	30.293	29.598	43.1	54.2	59.9	41.6	50.8	72	27	38	41	81	63	.241	.270	2.97	1.08	6.3	4.9	5.6
March	29.981	30.539	29.506	51.7	60.2	67.1	48.5	57.8	83	31	47	47	84	64	.350	.353	8.46	2.46	6.8	4.8	5.9
April	29.882	30.274	29.518	56.3	65.5	73.4	51.4	62.4	88	42	47	46	72	53	.332	.331	1.92	1.13	2.8	4.1	3.6
May	29.841	30.094	29.572	66.9	75.9	84.3	61.0	72.6	97	50	58	56	75	53	.500	.463	.74	.26	5.1	4.1	4.8
June	29.855	30.103	29.674	71.3	77.3	87.3	66.4	76.8	98	48	65	64	82	67	.638	.616	5.10	1.38	4.3	6.0	4.9
July	29.852	29.993	29.611	77.6	82.5	91.8	73.1	82.4	102	68	70	69	80	66	.750	.710	5.48	1.35	5.6	7.2	6.1
August	29.850	30.038	29.707	74.8	79.9	89.1	70.6	79.8	95	64	70	70	86	73	.735	.731	3.53	1.64	4.8	6.3	5.7
September	29.899	30.134	29.576	67.6	73.8	82.1	63.3	72.7	92	47	63	63	86	71	.593	.598	2.60	1.19	5.3	5.3	5.5
October	29.836	30.251	29.495	55.8	63.8	73.9	51.8	62.8	88	36	50	52	82	68	.388	.420	2.23	1.34	2.6	2.6	3.5
November	30.025	30.368	29.405	44.0	56.0	67.1	41.8	54.4	76	28	41	44	88	64	.265	.298	1.95	1.90	4.0	3.0	4.9
December	29.925	30.301	29.406	42.3	49.6	57.4	40.4	48.9	69	25	40	42	91	75	.260	.274	2.36	1.02	6.7	5.3	7.1
Year	29.903	30.539	29.351	58.4	66.3	74.8	54.7	64.7	102	25	53	53	83	66	.449	.451	38.93	2.46	5.1	5.0	5.4

BAKER, OREG.

[ϕ=44° 46′ N.; λ=117° 50′ W.]

January	26.473	26.900	25.884	19.0	24.8	30.1	12.5	21.3	44	−10	14	18	78	73	0.083	0.098	1.55	0.33	5.5	6.5	6.5
February	26.480	26.876	26.052	18.0	28.5	32.0	14.1	23.0	45	1	13	20	80	68	.079	.106	.37	.19	4.0	5.2	5.0
March	26.470	26.805	26.096	27.7	37.6	40.6	24.9	32.8	53	6	23	28	81	67	.127	.157	1.60	.49	5.9	7.0	7.0
April	26.422	26.769	26.022	36.6	52.9	55.1	33.5	44.3	72	26	28	29	72	42	.153	.162	1.90	1.06	4.5	6.0	5.7
May	26.438	26.643	26.207	41.9	60.3	64.6	40.0	52.3	84	27	36	38	79	46	.215	.237	1.10	.22	4.0	6.2	5.5
June	26.381	26.685	26.138	48.8	66.1	69.8	46.6	58.2	84	38	43	44	80	49	.278	.292	2.76	1.51	5.4	5.9	5.3
July	26.502	26.725	26.236	51.7	74.7	77.0	50.0	63.5	91	36	44	44	76	36	.299	.299	.47	.21	3.0	3.7	3.2
August	26.517	26.686	26.174	52.1	76.6	79.8	50.4	65.1	93	37	41	45	68	35	.264	.305	1.07	.63	2.7	3.4	3.0
September	26.516	26.752	26.192	44.1	68.9	72.0	40.8	56.4	89	25	30	32	59	29	.173	.190	.55	.55	2.0	2.2	2.0
October	26.556	26.903	26.158	35.7	49.1	54.3	31.8	43.0	72	24	28	32	75	54	.156	.188	1.07	.93	2.5	4.9	4.6
November	26.447	26.807	26.063	35.1	39.8	43.9	31.2	37.6	56	22	29	30	79	69	.162	.170	.64	.22	5.4	7.1	7.0
December	26.547	26.811	25.870	23.8	29.6	34.9	19.3	27.1	45	8	20	22	84	72	.104	.115	1.10	.28	5.1	4.7	5.1
Year	26.479	26.903	25.870	36.2	50.7	54.5	32.9	43.7	93	−10	29	32	76	53	.174	.193	14.18	1.51	4.2	5.2	5.0

BALTIMORE, MD.

[ϕ=39° 17′ N.; λ=76° 37′ W.]

January	30.018	30.618	28.789	40.7	43.9	51.8	35.2	43.5	68	25	35	34	81	68	0.224	0.209	2.45	0.56	6.0	5.6	5.8
February	29.949	30.458	29.311	31.6	37.4	43.9	28.4	36.2	68	14	24	25	73	60	.141	.152	1.61	.74	5.0	3.5	4.6
March	30.015	30.783	29.339	45.1	49.8	57.9	39.6	48.8	78	18	37	38	73	64	.249	.257	3.89	1.17	5.7	3.7	5.7
April	29.910	30.423	29.493	52.0	57.7	63.7	47.6	55.6	84	35	40	42	65	58	.268	.284	5.15	2.26	4.6	5.3	5.3
May	29.892	30.233	29.638	60.9	67.3	74.4	55.4	64.9	91	40	47	50	63	57	.345	.380	3.12	1.86	4.9	5.6	4.5
June	29.906	30.368	29.685	70.7	75.6	82.6	64.8	73.7	97	46	57	60	63	59	.465	.534	1.47	.77	3.7	5.8	4.3
July	29.860	30.081	29.651	74.8	79.2	87.5	69.8	78.6	98	61	62	63	65	60	.567	.595	2.63	.76	3.4	5.2	4.3
August	29.917	30.252	29.623	71.7	76.4	83.5	66.8	75.2	98	59	63	64	74	67	.581	.607	6.38	2.75	4.4	4.2	4.4
September	30.013	30.426	29.602	64.0	69.3	76.5	60.4	68.4	92	47	55	57	74	67	.469	.499	1.51	1.16	5.7	4.6	5.6
October	29.863	30.351	29.223	57.2	59.5	66.5	52.7	59.6	77	37	50	51	77	74	.382	.394	3.50	1.05	5.7	4.1	6.4
November	30.045	30.400	29.042	44.5	49.2	56.7	41.3	49.0	76	29	37	37	74	66	.228	.237	1.82	.98	4.9	4.3	5.3
December	29.948	30.302	29.210	37.4	42.9	47.8	35.1	41.4	63	25	29	30	70	62	.163	.176	2.58	1.42	4.6	4.7	5.8
Year	29.945	30.783	28.789	54.2	59.0	66.1	49.8	57.9	98	14	45	46	71	64	.342	.360	36.11	2.75	4.9	4.7	5.2

BENTONVILLE, ARK.

[ϕ=36° 22′ N.; λ=94° 12′ W.]

January	28.666	29.091	28.084	32.5	.....	48.4	26.5	37.4	67	4	27	.....	79	.....	0.161	.....	3.42	1.19	5.6	.....	4.9
February	28.689	29.020	28.226	28.7	.....	43.5	24.5	34.0	72	9	24	.....	79	.....	.136	.....	3.00	2.01	6.0	.....	5.8
March	28.683	29.085	28.003	35.8	.....	54.6	32.6	43.6	72	10	28	.....	73	.....	.163	.....	4.92	1.71	5.7	.....	5.4
April	28.656	29.029	28.293	50.5	.....	69.4	47.5	58.4	87	33	40	.....	69	.....	.260	.....	2.99	1.74	4.1	.....	4.6
May	28.631	28.857	28.443	60.4	.....	77.9	55.9	66.9	91	41	54	.....	79	.....	.420	.....	2.86	1.45	4.9	.....	4.2
June	28.675	28.952	28.517	68.5	.....	86.9	61.7	74.3	95	45	59	.....	73	.....	.520	.....	.99	.84	3.6	.....	3.5
July	28.669	28.840	28.451	72.7	.....	90.6	68.2	79.4	100	60	66	.....	80	.....	.644	.....	4.84	2.54	4.3	.....	4.2
August	28.677	28.810	28.542	71.1	.....	94.3	66.9	80.6	99	54	62	.....	74	.....	.573	.....	.01	.01	1.4	.....	2.0
September	28.663	28.795	28.441	61.8	.....	78.0	59.7	68.8	99	43	56	.....	83	.....	.470	.....	3.96	.97	5.0	.....	5.7
October	28.659	29.146	28.428	47.5	.....	66.6	44.2	55.4	84	21	44	.....	86	.....	.321	.....	4.59	1.54	5.1	.....	5.1
November	28.735	29.148	28.410	50.0	.....	63.2	46.6	54.9	74	25	44	.....	79	.....	.315	.....	2.46	1.17	6.7	.....	6.6
December	28.742	29.116	28.342	35.7	.....	45.0	32.9	39.0	59	17	32	.....	86	.....	.193	.....	3.44	1.49	7.7	.....	7.9
Year	28.679	29.148	28.003	51.3	.....	68.2	47.3	57.7	100	4	45	.....	78	.....	.348	.....	37.28	2.54	5.0	.....	5.0

Annual meteorological summary for the year ending December 31, 1913—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	6.5	S.	42	W.	1	4	9	3	10	11	7	9	9	0	5	8	18	13	10	0	0	0	4	0	0	1	1	0
February	6.4	NW.	26	SW.	0	5	5	7	3	7	6	12	9	2	9	5	14	10	7	0	0	0	2	0	0	5	2	0
March	7.2	W.	33	W.	0	7	6	6	12	7	4	10	9	1	8	12	11	10	9	0	0	0	2	0	0	2	5	0
April	7.3	SE.	26	NW.	0	4	7	4	12	7	6	9	11	0	18	6	6	7	6	0	0	0	0	0	0	0	2	0
May	6.0	S.	33	NE.	0	2	10	4	10	16	6	4	7	3	10	14	7	9	5	0	0	0	0	0	5	0	6	0
June	5.9	SE.	30	NE.	0	5	5	3	18	11	2	2	11	3	11	10	9	11	10	0	0	0	0	0	16	0	11	0
July	5.4	S.	36	NE.	0	0	4	3	9	17	17	7	4	1	7	10	14	9	9	0	0	0	0	0	22	0	13	0
August	4.5	SE.	34	NE.	0	2	11	11	11	7	4	8	6	2	6	16	9	9	8	0	0	0	1	0	15	0	12	0
September	5.2	NE.	24	NE.	0	7	14	12	11	3	2	3	6	2	11	7	12	10	7	0	0	0	0	0	3	0	4	0
October	6.6	NW.	35	W.	0	9	2	3	2	4	7	15	20	0	17	7	7	6	4	0	0	0	1	0	0	0	0	0
November	5.0	NW.	32	W.	0	3	10	1	3	8	7	6	18	4	14	3	13	4	1	0	0	0	1	0	0	3	1	0
December	5.4	NW.	32	W.	0	10	10	4	4	1	5	9	17	2	5	6	20	12	8	0	0	0	5	0	0	8	1	0
Year	6.0	NW.	42	W.	1	58	93	61	105	99	73	94	127	20	121	104	140	110	84	0	0	0	16	0	61	19	58	0

BAKER, OREG.

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

January	7.1	SE.	36	SW.	0	3	4	4	24	9	5	5	8	0	8	6	17	14	10	20	12	0	0	19	0	30	0	0
February	5.4	SE.	16	NW.	0	4	2	4	9	12	0	11	14	0	7	15	6	7	2	10	7	0	0	16	0	28	0	0
March	5.7	NW.	20	N.	0	2	6	1	15	10	5	2	21	0	6	5	20	19	10	13	11	0	0	5	0	25	0	0
April	6.9	SE.	24	SE.	0	6	4	2	21	12	4	2	9	0	4	20	6	10	7	7	5	0	0	0	0	13	0	0
May	6.2	NW.	36	SW.	0	11	2	2	18	11	2	2	14	0	7	15	9	13	8	0	0	0	0	0	0	2	5	0
June	5.3	NW.	23	SW.	0	9	3	2	9	15	4	7	11	0	9	11	10	11	7	0	0	1	0	0	0	0	9	0
July	5.7	S.	20	SE.	0	7	3	3	13	17	3	1	15	0	18	10	3	5	3	0	0	0	0	0	2	0	4	0
August	5.8	NW.	31	SW.	0	6	2	1	13	18	1	1	20	0	18	11	2	6	4	0	0	1	0	0	3	0	6	0
September	6.8	NW.	21	S.	0	9	0	6	20	10	0	5	10	0	23	4	3	2	2	0	0	0	0	0	0	2	1	0
October	6.1	SE.	25	SW.	0	10	2	1	18	11	4	3	13	0	11	11	9	6	4	4	2	0	0	0	0	16	0	0
November	6.3	SE.	23	SE.	0	3	4	3	25	7	6	6	6	0	3	11	16	9	6	7	3	0	2	2	0	19	0	0
December	6.3	SE.	22	S.	0	2	0	4	34	16	2	2	1	1	13	6	12	10	8	14	10	0	0	12	0	31	0	0
Year	6.1	SE.	36	SW.	0	72	32	33	219	148	36	47	142	1	127	125	113	112	71	75	50	2	2	54	5	166	25	0

BALTIMORE, MD.

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

January	6.4	SW.	40	S.	1	11	7	5	9	9	12	3	4	2	11	4	16	18	12	2	1	1	3	0	0	10	0	0
February	6.9	SW.	26	W.	0	8	1	1	5	11	12	9	9	0	11	9	8	11	6	7	6	0	2	2	0	22	1	0
March	8.0	S.	40	W.	1	3	5	3	8	15	13	4	10	1	9	11	11	11	11	2	0	0	0	1	0	7	3	0
April	8.4	NW.	27	N.	0	10	6	7	8	6	3	7	12	1	10	10	10	12	10	1	0	0	0	0	0	6	0	0
May	7.3	N.	27	N.	0	16	7	5	7	5	6	5	11	0	14	8	9	11	8	0	0	0	0	0	1	0	3	0
June	6.7	S.	35	NW.	0	11	3	8	6	11	11	4	5	1	12	12	6	6	5	0	0	1	0	0	6	0	3	0
July	6.7	S.	31	N.	0	12	3	2	4	14	13	1	13	0	10	17	4	10	10	0	0	0	0	0	10	0	9	0
August	6.1	S.	34	SW.	0	9	8	5	7	15	11	3	4	0	14	9	8	12	10	0	0	0	0	0	5	0	7	0
September	6.0	S.	24	S.	0	6	12	11	3	10	4	5	7	2	9	13	8	7	3	0	0	0	0	0	2	0	3	0
October	6.9	NW.	32	SW.	0	9	8	5	6	6	5	6	16	1	5	11	15	12	9	0	0	0	0	0	0	0	2	0
November	6.1	SW.	26	S.	0	5	7	9	4	5	12	7	10	1	12	8	10	7	5	0	0	0	3	0	0	1	0	0
December	6.7	NW.	33	SW.	0	11	7	1	4	5	14	7	13	0	9	8	14	5	4	3	0	0	0	0	0	12	0	0
Year	6.8	SW.	40	S.	2	111	74	62	71	112	116	61	114	9	126	120	119	122	93	15	7	2	8	3	24	52	37	0

BENTONVILLE, ARK.

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

January	6.8	S.	28	S.	0	6	1	2	1	13	3	2	3	0	15	6	10	9	6	5	1	0	0	4	0	23	3	0
February	6.2	N.	25	S.	0	8	3	4	2	6	4	0	1	0	11	3	14	10	8	5	5	0	0	7	0	20	2	0
March	8.6	S.	32	S.	0	6	2	1	5	8	3	0	6	0	12	9	10	11	8	2	2	0	0	1	0	15	4	0
April	7.2	S.	30	S.	0	3	2	4	4	8	2	3	4	0	15	5	10	5	4	0	0	0	0	0	0	0	5	0
May	5.9	S.	26	S.	0	4	4	3	4	10	4	0	2	0	15	11	5	14	12	0	0	0	0	0	1	0	8	0
June	5.2	S.	22	SW.	0	1	2	3	6	13	3	2	0	0	18	9	3	6	3	0	0	0	0	0	13	0	9	0
July	5.1	S.	20	NW.	0	3	2	3	6	14	3	0	0	0	13	14	4	9	8	0	0	0	0	0	20	0	10	0
August	4.0	S.	18	S.	0	3	3	4	6	9	1	0	3	2	27	4	0	1	0	0	0	0	0	0	27	0	3	0
September	5.0	S.	24	S.	0	1	5	4	4	7	6	1	2	0	11	5	14	12	11	0	0	0	0	0	6	0	6	0
October	5.1	S.	20	NW.	0	3	4	0	3	9	1	2	9	0	13	9	9	9	7	3	2	1	0	0	0	8	3	0
November	7.0	S.	30	S.	0	2	2	4	3	15	0	0	4	0	6	8	16	9	6	0	0	0	0	0	0	5	1	0
December	4.4	E.	20	NW.	0	6	2	2	5	3	4	7	0	4	0	6	3	22	14	11	5	4	0	0	4	0	19	0	0
Year	5.9	S.	32	S.	0	46	32	37	47	116	37	10	38	2	162	86	117	109	84	20	14	1	0	16	67	90	54	0

Annual meteorological summary for the year ending December 31, 1913—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	29.119	29.720	27.476	33.4	.....	44.3	27.0	35.6	57	12	27	....	76	....	0.156	.....	2.89	0.75	7.6	.....	7.8
February	29.060	29.513	28.748	19.5	.....	30.8	14.6	22.7	56	− 1	14	....	76	....	.088	.....	1.73	.83	6.6	.....	6.6
March	29.109	29.803	28.454	37.4	.....	48.7	28.5	38.6	71	4	30	....	75	....	.197	.....	3.91	1.38	7.7	.....	7.8
April	29.085	29.547	28.709	44.3	.....	58.9	39.9	49.4	83	27	34	....	68	....	.214	.....	2.23	1.23	6.1	.....	6.7
May	29.095	29.385	28.851	50.6	.....	65.2	44.1	54.6	88	30	44	....	80	....	.301	.....	3.14	1.10	6.5	.....	6.7
June	29.122	29.574	28.955	60.8	.....	76.8	50.3	63.6	90	31	53	....	76	....	.421	.....	.81	.38	4.0	.....	5.0
July	29.054	29.302	28.821	66.1	.....	81.4	57.2	69.3	97	46	58	....	77	....	.501	.....	1.55	.73	5.7	.....	5.9
August	29.125	29.492	28.859	62.8	.....	80.8	57.3	69.0	95	47	57	....	81	....	.473	.....	1.43	.68	5.0	.....	6.3
September	29.219	29.630	28.878	53.3	.....	72.5	49.8	61.2	90	29	49	....	86	....	.369	.....	2.93	2.37	6.2	.....	6.3
October	29.051	29.429	28.435	49.8	.....	61.6	45.2	53.4	78	28	46	....	86	....	.323	.....	2.76	1.11	7.7	.....	7.7
November	29.172	29.580	28.432	40.2	.....	51.1	35.9	43.5	70	26	35	....	83	....	.220	.....	2.57	1.69	8.8	.....	8.3
December	29.086	29.445	28.470	28.7	.....	38.7	24.5	31.6	52	2	25	....	86	....	.144	.....	1.63	.63	8.0	.....	7.6
Year	29.108	29.803	27.476	45.6	.....	59.2	39.5	49.4	97	− 1	39	....	79	....	.284	.....	27.58	2.37	6.7	.....	6.9

BIRMINGHAM, ALA.

[ϕ=33° 32′ N.; λ=86° 50′ W.]

January	29.401	29.807	28.811	46.5	53.7	61.2	42.8	52.0	74	26	42	43	85	69	0.289	0.306	8.25	2.40	6.5	5.1	6.2
February	29.358	29.652	28.854	39.7	48.4	55.0	37.0	46.0	72	22	31	33	71	58	.189	.207	6.77	3.36	5.0	4.6	4.8
March	29.402	29.879	28.919	48.4	57.1	64.4	44.8	54.6	81	26	39	41	72	58	.277	.299	5.96	1.86	5.8	4.4	5.4
April	29.341	29.633	29.133	54.8	65.6	71.9	50.7	61.3	85	38	44	43	69	47	.300	.287	2.28	1.17	3.1	3.9	4.0
May	29.300	29.525	29.129	65.1	73.2	80.8	60.3	70.6	90	48	57	56	76	58	.470	.466	4.48	2.77	4.3	5.2	4.6
June	29.312	29.543	29.147	71.6	79.8	88.5	66.2	77.4	98	51	62	62	73	57	.576	.561	2.75	.97	2.0	4.3	3.5
July	29.328	29.491	29.123	75.2	81.5	90.1	71.0	80.6	99	68	69	68	92	67	.707	.694	4.72	1.21	3.7	5.3	4.9
August	29.303	29.457	29.133	73.5	82.1	90.8	69.7	80.2	96	60	67	66	81	60	.669	.652	1.01	.33	2.5	2.8	3.2
September	29.319	29.523	29.094	67.1	72.9	81.4	64.1	72.8	97	45	61	62	82	72	.558	.584	7.41	2.96	4.7	5.8	5.5
October	29.313	29.728	29.032	53.9	61.1	71.0	49.9	60.4	85	29	48	48	81	65	.358	.364	1.55	.80	4.8	2.7	4.2
November	29.450	29.762	29.130	49.3	59.0	68.1	47.4	57.8	76	26	40	42	72	55	.270	.295	3.24	2.35	2.9	2.8	3.9
December	29.371	29.761	28.798	42.6	48.0	54.5	39.8	47.2	69	23	37	39	82	72	.238	.249	2.99	.81	5.9	4.8	6.3
Year	29.350	29.879	28.798	57.3	65.2	73.1	53.6	63.4	99	22	50	50	77	62	.408	.414	51.41	3.36	4.3	4.3	4.7

BISMARCK, N. DAK.

[ϕ=46° 47′ N.; λ=100° 38′ W.]

January	28.208	28.760	27.653	1.7	7.3	16.7	−5.4	5.6	42	−37	−1	4	89	84	0.048	0.062	0.37	0.12	3.6	4.6	5.4
February	28.276	28.623	27.824	7.5	16.7	22.9	3.1	13.0	58	−24	5	12	89	80	.062	.084	.03	.02	5.2	5.6	5.0
March	28.239	28.619	27.679	14.1	24.7	32.4	9.1	20.8	53	−15	11	18	88	74	.081	.111	.49	.26	6.5	5.2	5.9
April	28.231	28.575	27.691	37.4	55.2	61.6	34.6	48.1	88	20	30	38	75	54	.168	.237	.55	.25	3.7	4.7	3.9
May	28.248	28.772	27.887	44.2	59.8	64.1	40.7	52.4	92	27	38	44	80	58	.248	.302	1.99	1.03	6.2	6.2	6.6
June	28.178	28.696	27.643	58.7	75.0	79.6	55.0	67.3	100	33	52	58	78	57	.395	.493	2.06	.45	4.8	3.9	3.8
July	28.222	28.589	27.834	58.6	77.2	80.7	54.4	67.6	98	46	52	59	80	56	.398	.515	2.72	1.39	4.0	2.8	3.9
August	28.248	28.554	27.788	59.1	80.6	85.7	56.8	71.2	99	44	55	53	87	41	.441	.420	.77	.37	4.3	3.2	3.8
September	28.270	28.642	27.776	47.4	64.3	73.3	44.7	59.0	100	32	44	43	87	49	.301	.299	2.29	1.11	3.8	4.1	4.5
October	28.254	28.713	27.816	32.7	43.5	53.0	29.2	41.1	84	6	28	28	83	56	.158	.161	1.13	.60	5.6	5.9	5.7
November	28.215	28.611	27.719	28.5	36.0	45.8	24.5	35.2	64	9	25	26	86	68	.133	.143	.16	.13	4.6	2.5	4.5
December	28.355	28.757	27.817	18.2	26.5	35.5	13.8	24.6	56	0	16	16	90	63	.091	.090	.28	.14	4.2	2.1	4.1
Year	28.245	28.772	27.643	34.0	47.2	54.3	30.0	42.2	100	−37	30	33	84	62	.210	.243	12.84	1.39	4.7	4.2	4.8

BLOCK ISLAND, R. I.

[ϕ=41° 10′ N.; λ=71° 36′ W.]

January	30.085	30.710	28.772	39.1	40.4	45.5	33.5	39.5	57	18	35	35	84	80	0.215	0.212	5.25	1.12	6.3	5.7	6.4
February	29.959	30.436	29.511	28.2	31.3	36.7	24.6	30.6	53	12	21	23	71	70	.120	.134	3.90	2.26	3.8	3.8	5.2
March	30.090	30.890	29.437	39.1	41.0	46.4	34.9	40.6	61	14	35	36	85	83	.220	.227	2.88	.57	4.8	3.8	6.1
April	29.977	30.546	29.556	44.2	45.9	50.7	41.6	46.2	65	32	38	39	78	78	.239	.246	4.91	2.06	5.0	3.8	5.3
May	29.954	30.398	29.525	52.9	53.0	59.3	48.2	53.8	80	39	46	46	78	80	.314	.322	1.65	.70	3.6	5.4	5.7
June	29.976	30.388	29.732	61.1	60.5	68.6	56.3	62.4	81	48	55	56	82	87	.443	.462	.73	.30	3.8	4.0	4.5
July	29.921	30.181	29.545	69.5	68.7	78.9	63.8	70.4	88	60	63	64	80	84	.578	.589	1.23	.47	3.5	4.1	4.5
August	30.019	30.393	29.739	68.1	68.2	74.5	63.6	69.0	86	58	62	63	81	85	.565	.592	2.36	1.05	4.3	3.4	5.0
September	30.110	30.541	29.789	61.4	62.3	66.7	57.8	62.2	77	48	55	56	81	81	.458	.466	3.09	1.00	5.2	3.2	5.7
October	29.914	30.480	29.279	56.8	57.2	61.2	53.1	57.2	69	37	52	53	86	86	.412	.417	4.06	.90	6.9	5.3	8.4
November	30.091	30.639	29.251	47.1	48.1	52.3	42.8	47.6	63	33	38	38	72	70	.246	.242	2.24	.99	5.3	3.5	5.7
December	29.947	30.378	29.220	38.3	40.4	45.2	34.3	39.8	58	22	31	32	75	73	.182	.192	3.50	.142	5.2	4.4	6.3
Year	30.004	30.890	28.772	50.5	51.4	57.0	46.2	51.6	88	12	44	45	79	80	.333	.342	35.80	2.26	4.8	4.2	5.7

Annual meteorological summary for the year ending December 31, 1913—Continued.

BINGHAMTON, N. Y.

[H=871 ft.; h_t=10 ft.; h_r=3 ft.; h_a=69 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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	7.2	E.	40	SW.	1	3	2	2	5	3	4	6	6	0	2	10	19	13	12	8	3	1	0	3	0	23	1	0
February	7.2	W.	28	W.	0	1	5	4	0	2	3	9	4	0	6	8	14	7	6	18	6	0	0	17	0	25	1	0
March	8.6	S.	32	SW.	0	3	6	2	5	5	4	1	0	3	5	23	15	13	10	3	0	0	5	0	20	3	0	
April	7.7	NW.	30	NW.	0	3	8	6	1	1	0	5	6	0	7	5	18	11	7	3	2	0	1	0	0	10	2	0
May	5.5	NW.	24	NW.	0	1	6	4	3	0	2	8	5	2	4	11	16	12	8	0	0	0	0	0	0	1	2	0
June	4.7	SW.	30	NW.	0	4	1	6	0	2	4	6	3	4	11	11	8	9	5	0	0	0	0	0	1	5	0	
July	5.0	SW.	28	S.	0	3	4	1	0	2	4	9	4	4	6	14	11	10	5	0	0	1	0	4	0	6	0	
August	4.3	W.	19	N.	0	2	9	1	5	2	3	4	5	0	3	17	11	9	5	0	0	0	1	0	3	0	5	0
September	4.1	NE.	20	NW.	0	4	8	7	1	1	4	4	1	0	9	7	14	7	4	0	0	0	3	0	1	1	2	0
October	5.4	NW.	27	NW.	0	3	4	3	3	4	1	1	12	0	4	5	22	13	8	1	0	0	3	0	0	2	2	0
November	5.6	NW.	26	S.	0	2	7	4	3	1	4	5	4	0	2	6	22	10	9	6	3	0	0	1	0	11	0	0
December	5.4	NW.	28	NW.	0	6	4	3	1	2	5	4	6	0	4	6	21	7	7	8	5	0	0	5	0	21	0	0
Year	5.9	W.	40	SW.	1	35	64	43	27	25	39	65	57	10	61	105	199	123	89	54	22	1	9	31	8	115	29	0

BIRMINGHAM, ALA.

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

January	9.7	S.	33	S.	0	7	4	4	18	16	3	2	8	0	10	6	15	15	11	2	0	0	0	0	0	7	1	0
February	7.3	N.	38	S.	0	18	6	3	9	4	4	4	8	0	13	4	11	9	9	1	0	1	0	0	0	14	4	0
March	9.7	SE.	40	W.	1	11	5	7	13	8	4	3	11	0	10	11	10	11	8	0	0	0	0	0	0	5	5	0
April	7.9	NW.	29	S.	0	15	3	1	10	11	4	1	15	0	12	11	7	7	6	0	0	0	0	0	0	0	3	0
May	5.5	S.	28	NE.	0	11	4	5	9	15	6	4	7	1	13	10	8	11	8	0	0	0	0	0	1	0	8	0
June	5.0	S.	27	SE.	0	11	9	6	5	11	9	5	4	0	17	10	3	9	6	0	0	0	0	0	17	0	11	0
July	5.3	S.	31	SE.	0	8	3	1	4	22	14	3	7	0	12	12	7	13	10	0	0	0	0	0	15	0	16	0
August	5.1	N.	25	NE.	0	11	3	9	13	7	8	5	6	0	14	17	0	7	7	0	0	0	0	0	20	0	10	0
September	6.4	SE.	24	SW.	0	0	1	20	21	6	8	2	2	0	9	11	10	13	12	0	0	0	0	0	3	0	7	0
October	6.1	N.	33	SE.	0	15	2	5	6	10	7	8	9	0	16	6	9	7	5	1	1	0	0	0	0	3	1	0
November	6.8	SE.	32	SE.	0	7	4	8	16	13	6	1	5	0	15	12	3	5	5	0	0	0	0	0	0	2	0	0
December	5.9	N.	30	S.	0	16	7	12	9	2	1	5	10	0	7	9	15	10	9	2	1	0	0	0	0	4	0	0
Year	6.7	SE.	40	W.	1	130	51	81	133	125	74	43	92	1	148	119	98	117	96	6	2	1	0	0	56	35	66	0

BISMARCK, N. DAK.

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

January	10.1	NW.	47	NW.	1	5	6	8	6	2	0	7	28	0	10	12	9	5	3	11	5	0	0	26	0	31	0	0
February	10.9	NW.	47	NW.	1	5	4	6	5	3	3	5	25	0	10	9	9	2	0	9	2	0	0	22	0	28	0	0
March	12.0	NW.	49	NW.	4	11	9	6	3	5	4	4	20	0	9	13	9	9	4	17	9	0	1	14	0	30	0	0
April	13.1	SE.	50	SW.	3	9	7	6	13	9	3	1	12	0	18	5	7	3	3	3	1	0	0	0	0	15	2	0
May	10.3	E.	40	NW.	1	10	5	12	7	7	3	4	14	0	7	9	15	9	5	2	1	1	0	1	1	5	2	0
June	12.5	S.	50	NW.	2	8	10	8	12	12	2	5	3	0	15	10	5	9	9	0	0	0	0	0	3	0	7	0
July	9.8	NW.	43	W.	2	7	9	10	8	4	2	6	16	0	15	13	3	7	6	0	0	0	0	0	3	0	8	0
August	9.7	E.	32	E.	0	5	7	23	9	5	1	3	9	0	17	10	4	8	6	0	0	0	0	2	0	8	0	0
September	10.0	E.	47	NW.	1	9	8	19	9	4	0	0	11	0	10	15	5	7	6	1	0	0	0	4	0	3	1	3
October	10.4	NW.	37	NW.	0	10	6	6	10	2	4	3	21	0	8	11	12	5	5	7	0	0	0	3	0	18	1	0
November	7.6	NW.	35	NW.	0	5	3	12	11	4	3	6	15	1	12	13	5	3	1	4	2	0	1	2	0	30	0	0
December	6.6	NW.	33	N.	0	6	3	13	5	4	6	3	20	2	16	8	7	2	2	4	1	0	1	13	0	31	0	0
Year	10.2	NW.	50	SW.	15	90	77	129	98	61	31	47	194	3	147	128	90	69	50	58	21	1	10	80	18	189	32	0

BLOCK ISLAND, R. I.

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

January	19.9	SW.	70	SW.	9	4	3	2	5	6	23	8	11	0	10	6	15	15	12	1	0	0	3	2	0	12	1	0
February	22.2	NW.	60	W.	12	2	1	1	0	6	12	14	20	0	10	10	8	10	8	5	3	0	2	11	0	22	2	0
March	20.5	SW.	58	S.	10	4	5	4	9	9	14	6	11	0	11	5	15	16	12	2	2	1	11	1	0	10	2	0
April	18.1	NE.	52	NW.	8	5	12	7	3	8	9	7	9	0	13	8	9	10	9	2	1	0	2	0	0	1	4	0
May	16.1	SW.	44	NW.	3	5	4	9	6	9	10	4	15	0	12	6	13	9	7	0	0	0	5	0	0	0	0	0
June	13.5	SW.	36	W.	0	7	4	4	6	9	20	5	5	0	17	6	7	6	4	0	0	0	7	0	0	0	2	0
July	14.1	SW.	48	NE.	1	3	2	1	2	11	27	10	6	0	13	15	3	9	7	0	0	0	1	0	0	0	3	0
August	12.8	SW.	38	NE.	0	3	8	4	5	20	18	2	2	0	11	13	7	8	6	0	0	0	3	0	0	0	5	0
September	14.2	SW.	38	SE.	0	7	8	9	7	7	9	6	7	0	12	5	13	9	7	0	0	0	4	0	0	0	2	0
October	18.6	NE.	56	NW.	12	12	13	11	2	6	7	2	9	0	3	3	25	17	11	0	0	0	7	0	0	0	2	0
November	20.4	SW.	49	NE.	9	6	6	3	5	3	12	11	14	0	8	13	9	5	4	0	0	0	0	0	0	0	0	0
December	20.8	NW.	62	W.	14	7	8	2	1	0	11	14	19	0	11	5	15	9	6	1	0	0	0	0	0	12	0	0
Year	17.6	SW.	70	SW.	78	65	74	57	51	94	172	89	128	0	131	95	139	123	93	11	6	1	45	14	0	57	23	0

Annual meteorological summary for the year ending December 31, 1915—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	27.255	27.690	26.640	25.6	30.3	34.7	21.3	28.0	50	2	20	22	80	70	0.110	0.117	1.34	0.46	7.0	6.9	7.6
February	27.219	27.667	26.786	25.5	36.2	38.8	23.8	31.3	54	16	20	23	79	56	.108	.122	.20	.12	5.8	5.9	6.1
March	27.209	27.586	26.803	32.8	44.7	47.0	30.8	38.9	64	18	27	28	78	52	.148	.156	1.75	.48	6.4	8.1	7.7
April	27.138	27.511	26.699	42.0	58.5	60.9	40.3	50.6	79	28	29	26	65	32	.164	.148	.95	.36	5.9	6.5	6.9
May	27.114	27.360	26.854	48.1	67.8	71.5	46.6	59.0	94	28	38	35	68	33	.235	.215	.58	.34	5.2	6.2	5.8
June	27.051	27.367	26.810	55.3	73.3	76.3	53.6	65.0	89	45	46	42	72	37	.309	.278	1.64	.45	5.8	7.2	6.3
July	27.165	27.385	26.814	59.1	80.0	82.9	57.5	70.2	98	42	47	43	65	32	.333	.297	2.01	.85	4.0	4.4	3.8
August	27.167	27.360	26.761	61.3	85.7	87.4	59.0	73.2	98	46	46	43	57	23	.313	.285	.03	.03	3.0	3.9	2.8
September	27.194	27.400	26.898	51.4	74.0	76.2	48.1	62.2	93	36	35	36	55	27	.209	.217	.65	.29	2.9	2.7	2.9
October	27.265	27.608	26.885	39.9	55.6	58.7	37.2	48.0	75	29	32	32	75	41	.185	.180	1.67	1.31	3.6	5.3	5.1
November	27.198	27.553	26.769	39.3	47.0	51.1	35.9	43.5	67	26	32	34	77	61	.186	.195	2.82	.88	6.9	6.7	7.0
December	27.309	27.588	26.830	25.1	32.3	36.7	21.1	28.9	50	3	22	26	88	76	.117	.138	2.40	.80	5.0	5.3	5.9
Year	27.190	27.690	26.640	42.1	57.1	60.2	39.6	49.9	98	2	33	32	72	45	.201	.196	16.04	1.31	5.1	5.8	5.7

BOSTON, MASS.

[ϕ=42° 21′ N.; λ=71° 4′ W.]

January	29.954	30.603	28.542	37.1	40.0	47.9	30.6	39.2	62	13	29	31	73	69	0.182	0.185	0.238	1.02	6.6	5.0	5.8
February	29.836	30.288	29.415	24.4	28.7	36.3	19.1	27.7	60	3	14	15	62	57	.093	.098	2.99	.97	3.9	3.3	4.0
March	29.966	30.765	29.230	38.7	42.5	51.9	32.9	42.4	73	10	32	34	77	74	.207	.223	4.81	1.33	6.5	5.9	6.0
April	29.879	30.431	29.393	45.2	48.0	54.6	41.3	48.0	76	29	37	40	76	76	.239	.259	4.77	1.42	5.8	4.3	5.5
May	29.851	30.313	29.379	53.9	54.7	62.8	47.5	55.2	78	37	42	44	67	70	.280	.303	3.22	1.32	5.3	6.0	5.6
June	29.858	30.282	29.576	65.8	67.4	77.3	57.7	67.5	91	47	54	55	67	66	.423	.440	.64	.34	3.4	4.3	3.4
July	29.794	30.051	29.444	71.7	73.6	83.0	64.6	73.8	96	60	59	60	66	64	.516	.523	2.69	.91	3.4	5.0	4.7
August	29.904	30.293	29.648	67.6	70.3	79.2	62.3	70.8	96	56	58	60	73	71	.502	.526	2.86	.92	4.9	4.1	4.8
September	30.009	30.454	29.621	59.4	61.5	69.9	54.1	62.0	86	41	51	52	75	72	.399	.402	2.51	.75	4.9	3.3	4.7
October	29.829	30.398	29.134	54.8	56.0	61.8	51.1	56.4	74	31	50	51	84	85	.380	.400	6.04	1.41	7.2	6.6	7.6
November	29.985	30.591	29.162	43.4	46.3	53.7	39.3	46.5	71	27	35	36	73	67	.218	.217	2.15	1.29	5.7	3.8	5.3
December	29.832	30.315	29.059	34.4	38.4	44.9	30.7	37.8	56	18	26	28	70	67	.147	.163	3.05	1.16	5.3	4.3	5.5
Year	29.891	30.765	28.542	49.7	52.3	60.3	44.3	52.3	96	3	41	42	72	70	.299	.312	38.11	1.42	5.2	4.7	5.2

BUFFALO, N. Y.

[ϕ=42° 53′ N.; λ=78° 53′ W.]

January	29.177	29.800	27.915	32.5	33.6	40.3	27.4	33.8	56	13	28	30	84	84	0.163	0.168	5.56	0.98	7.9	6.4	7.5
February	29.159	29.632	28.683	20.5	22.8	28.9	15.6	22.2	56	5	16	18	84	82	.097	.106	1.94	.44	8.5	5.7	7.2
March	29.180	29.845	28.573	32.8	34.6	43.4	26.2	34.8	70	− 1	27	28	79	80	.156	.170	3.60	1.21	7.2	5.2	6.0
April	29.209	29.695	28.895	41.3	46.0	53.5	36.6	45.0	81	26	34	36	76	70	.202	.220	3.78	1.23	5.7	4.6	5.2
May	29.207	29.506	28.959	50.9	54.1	60.8	46.6	53.7	76	32	44	47	78	78	.301	.331	2.48	1.24	5.3	4.8	5.7
June	29.222	29.709	28.907	61.6	64.4	70.1	56.7	63.4	83	41	52	56	73	75	.407	.455	1.69	.56	3.5	4.3	4.0
July	29.149	29.419	28.842	67.5	71.5	76.5	61.8	69.2	93	52	58	60	72	68	.493	.529	1.03	.38	4.5	4.2	4.1
August	29.208	29.521	28.888	65.6	70.7	75.6	61.7	68.6	90	48	58	60	77	69	.493	.520	3.26	1.03	3.9	4.3	5.1
September	29.295	29.716	28.869	57.4	61.9	69.0	52.7	60.8	87	39	51	51	80	69	.389	.387	1.35	.69	4.8	3.6	5.3
October	29.153	29.588	28.316	51.3	53.0	59.6	47.2	53.4	82	30	45	47	80	80	.313	.331	3.65	1.13	6.5	6.5	6.3
November	29.237	29.570	27.952	41.6	44.8	49.2	37.5	43.4	71	26	37	39	83	81	.229	.243	3.43	1.08	8.0	6.6	7.4
December	29.197	29.525	28.521	33.0	34.6	38.8	28.5	33.6	51	10	29	30	83	82	.151	.171	1.37	.51	8.3	7.5	7.5
Year	29.199	29.845	27.915	46.3	49.3	55.5	41.5	48.5	93	− 1	40	42	79	76	.284	.303	33.14	1.24	6.2	5.3	5.9

BURLINGTON, VT.

[ϕ=44° 29′ N.; λ=73° 12′ W.]

January	29.589	30.312	27.856	26.6	.....	36.9	18.6	27.8	52	− 6	20	....	75	.....	0.119	.....	2.38	0.76	7.2	.....	7.0
February	29.528	30.045	29.081	12.5	.....	24.2	7.6	15.9	48	−11	5	....	72	.....	.056	.....	.56	.20	6.6	.....	6.5
March	29.603	30.311	28.907	29.4	.....	41.1	23.0	32.0	67	−10	23	....	76	.....	.146	.....	4.53	1.62	7.6	.....	6.8
April	29.577	30.121	29.049	42.1	.....	54.1	35.7	44.9	84	21	32	....	67	.....	.198	.....	1.72	.77	5.8	.....	5.2
May	29.559	29.918	29.204	50.6	.....	61.6	43.3	52.4	84	28	40	....	68	.....	.264	.....	2.56	.90	6.0	.....	6.0
June	29.571	30.012	29.336	60.3	.....	73.6	50.7	62.2	87	35	50	....	69	.....	.371	.....	2.22	.75	5.0	.....	5.1
July	29.474	29.782	29.138	67.3	.....	79.3	57.7	68.5	94	46	56	....	69	.....	.466	.....	2.83	1.05	6.0	.....	6.0
August	29.582	30.038	29.223	63.8	.....	77.4	55.8	66.6	90	44	56	....	77	.....	.466	.....	1.10	.44	5.3	.....	5.3
September	29.702	30.157	29.320	53.8	.....	67.8	45.6	56.7	90	30	47	....	78	.....	.342	.....	2.66	2.03	4.4	.....	5.0
October	29.541	29.935	28.731	49.7	.....	58.6	44.4	51.5	78	24	44	....	83	.....	.312	.....	2.90	.87	7.5	.....	7.5
November	29.646	30.210	28.932	38.2	.....	47.7	32.6	40.2	65	20	28	....	67	.....	.165	.....	.68	.30	6.3	.....	6.4
December	29.538	29.944	28.743	25.2	.....	34.6	19.5	27.0	45	− 5	20	....	77	.....	.114	.....	1.61	.52	7.3	.....	7.7
Year	29.576	30.312	27.856	43.3	.....	54.7	36.2	45.5	94	−11	35	....	73	.....	.262	.....	25.75	2.03	6.2	.....	6.2

Annual meteorological summary for the year ending December 31, 1913—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.	Wind. By self-register. Prevailing direction.	Wind. By self-register. Maximum velocity.	Wind. By self-register. Direction at time of maximum velocity.	Wind. By self-register. Days with 40 miles and over.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	6.5	NW.	32	NW.	0	5	4	1	18	5	5	4	19	1	6	4	21	13	10	17	13	0	0	11	0	28	0	0
February	4.5	NW.	21	SE.	0	7	0	4	8	8	5	8	15	1	6	10	12	6	1	6	4	0	0	2	0	26	0	0
March	5.2	NW.	38	NW.	0	13	3	5	13	7	1	6	14	0	5	5	21	14	8	11	6	0	1	2	0	19	0	0
April	7.4	SE.	29	SE.	0	6	2	3	20	8	2	6	12	1	6	8	16	7	5	3	1	0	0	0	0	7	0	0
May	6.1	NW.	34	NW.	0	9	1	4	15	2	3	8	20	0	7	14	10	7	3	0	0	0	0	0	1	1	3	0
June	5.3	NW.	30	SE.	0	6	4	2	12	4	5	11	16	0	7	11	12	13	10	0	0	1	0	0	0	0	8	0
July	5.3	NW.	30	NW.	0	5	7	4	12	7	1	12	14	0	16	8	7	7	6	0	0	1	0	0	10	0	6	0
August	4.8	W.	27	W.	0	3	0	6	9	3	6	20	15	0	19	10	2	1	0	0	0	0	0	0	13	0	3	0
September	4.9	NW.	23	NW.	0	5	4	5	10	6	1	9	20	0	20	5	5	3	3	0	0	0	0	0	2	0	2	0
October	4.5	NW.	24	NW.	0	7	5	2	14	5	0	6	23	0	13	7	11	6	4	2	2	1	0	0	0	7	0	0
November	5.2	SE.	25	SE.	0	12	3	5	16	7	3	4	10	0	6	8	16	15	12	4	2	0	2	0	0	9	0	0
December	3.9	NW.	29	SE.	0	12	5	4	11	8	3	0	17	2	10	6	15	10	7	12	8	0	2	7	0	29	0	0
Year	5.3	NW.	38	NW.	0	90	38	45	158	70	35	94	195	5	121	96	148	102	69	55	36	3	5	22	26	126	22	0

BOSTON, MASS.

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

January	12.3	SW.	48	W.	2	4	2	1	5	3	21	17	9	0	11	6	14	11	10	2	1	0	0	2	0	16	0	0
February	11.5	W.	39	W.	0	2	1	0	2	13	21	15	0	0	16	4	8	7	7	8	4	0	0	11	0	25	1	0
March	12.8	SW.	46	SW.	3	4	3	6	3	9	18	18	1	0	10	6	15	13	12	3	2	0	1	1	0	14	2	0
April	10.8	W.	36	W.	0	11	9	5	4	3	10	9	9	0	13	3	14	14	11	2	2	0	2	0	0	3	1	0
May	9.8	NW.	34	NW.	0	7	9	10	4	4	8	6	14	0	10	12	9	8	7	0	0	0	0	0	0	0	2	0
June	10.1	SW.	40	NW.	1	8	4	6	3	2	21	19	6	0	17	9	4	5	5	0	0	0	0	0	1	0	1	0
July	10.1	SW.	39	N.	0	1	3	2	2	5	19	20	10	0	11	15	5	9	8	0	0	1	0	0	5	0	6	0
August	8.8	SW.	37	S.	0	2	2	3	5	6	24	13	6	0	10	13	8	8	8	0	0	0	1	0	2	0	6	0
September	9.3	SW.	35	S.	0	5	5	3	8	6	15	8	10	0	14	7	9	9	9	0	0	0	1	0	0	0	2	0
October	9.7	E.	42	S.	1	10	9	9	7	1	7	4	15	0	5	6	20	13	13	2	1	0	3	0	0	1	1	0
November	10.7	W.	31	W.	0	9	0	2	4	6	12	20	7	0	13	5	12	6	5	2	0	0	0	0	0	4	0	0
December	11.1	W.	40	W.	1	6	2	3	0	2	9	19	21	0	10	9	12	6	6	4	2	0	0	0	0	16	1	0
Year	10.6	SW.	48	W.	8	69	51	51	45	49	177	165	123	0	140	95	130	109	101	23	12	1	8	14	8	79	23	0

BUFFALO, N. Y.

[H=767 ft.; h_t=247 ft.; h_r=238 ft.; h_a=280 ft.]

January	21.7	SW.	70	W.	14	1	4	4	4	11	21	12	5	0	4	7	20	15	14	15	6	0	3	7	0	23	0	0
February	23.4	SW.	76	SW.	13	2	5	3	5	1	19	15	6	0	1	13	14	16	13	21	16	0	1	19	0	27	0	0
March	23.3	SW.	90	W.	14	1	6	4	4	12	20	13	2	0	8	12	11	18	13	12	9	0	2	11	0	25	2	0
April	17.8	SW.	57	W.	6	3	14	6	3	2	19	5	8	0	12	7	11	12	10	4	2	0	2	0	0	10	5	0
May	14.0	SW.	48	SW.	1	8	5	6	3	5	23	6	6	0	5	17	9	10	6	0	0	0	1	0	0	1	2	0
June	13.0	SW.	46	W.	2	6	8	4	1	5	26	7	3	0	12	15	3	10	6	0	0	0	0	0	0	0	8	0
July	14.7	SW.	66	SW.	6	3	4	4	4	5	18	16	8	0	14	12	5	10	7	0	0	1	0	0	1	0	5	0
August	14.0	SW.	50	SW.	7	1	9	8	3	8	18	12	3	0	11	12	8	8	7	0	0	1	0	0	0	0	5	0
September	13.7	SW.	50	W.	2	1	9	11	6	12	9	7	5	0	10	10	10	7	7	0	0	0	0	0	0	0	0	0
October	14.1	W.	58	SW.	5	4	7	8	5	14	6	9	9	0	8	7	16	15	14	3	2	0	0	0	0	1	1	0
November	22.4	SW.	80	SW.	14	2	3	5	4	9	14	20	3	0	3	11	16	16	11	8	4	0	3	1	0	8	0	0
December	20.5	SW.	58	SW.	12	5	5	2	3	2	18	16	11	0	4	9	18	8	6	15	6	0	0	5	0	22	0	0
Year	17.7	SW.	90	W.	96	37	79	65	45	86	211	138	69	0	92	132	141	145	114	78	45	2	12	43	1	117	28	0

BURLINGTON, VT.

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

January	16.9	S.	60	S.	7	3	0	4	1	13	4	2	4	0	7	7	17	13	8	14	7	0	2	9	0	28	1	0
February	13.2	N.	49	S.	2	5	4	3	1	4	4	2	5	0	7	5	16	7	5	16	6	0	0	23	0	28	0	0
March	17.4	S.	52	S.	8	2	2	0	0	20	0	1	6	0	6	8	17	13	13	12	5	0	2	9	0	22	3	0
April	12.8	N.	54	S.	3	10	0	0	1	10	1	3	5	0	11	8	11	8	6	7	1	0	0	0	0	14	1	0
May	9.8	S.	35	S.	0	7	3	2	2	8	2	4	3	0	8	11	12	11	8	1	0	0	0	0	0	2	2	0
June	9.4	S.	38	S.	0	9	0	0	1	10	7	0	3	0	7	17	6	10	8	0	0	0	1	0	0	0	6	0
July	9.9	S.	37	S.	0	1	3	1	1	11	6	4	4	0	5	13	13	14	10	0	0	0	0	0	2	0	9	0
August	10.3	S.	41	S.	1	7	0	1	2	15	5	0	1	0	10	14	7	8	6	0	0	0	0	0	0	0	4	0
September	9.9	S.	36	S.	0	6	1	5	1	11	2	1	3	0	10	12	8	6	6	0	0	0	0	0	0	2	2	0
October	11.4	N.	47	S.	3	8	2	1	2	12	2	0	4	0	4	8	19	18	13	3	0	0	2	1	0	3	1	0
November	14.7	S.	58	S.	4	3	1	1	3	11	3	4	4	0	5	11	14	6	5	6	2	0	0	1	0	17	0	0
December	12.5	S.	37	S.	0	4	2	4	3	11	1	3	3	0	4	8	19	11	7	16	7	0	0	13	0	26	0	0
Year	12.4	S.	60	S.	28	65	18	22	18	136	37	24	45	0	84	122	159	125	95	75	28	0	7	56	2	142	29	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

CAIRO, ILL.

[ϕ=37° 0′ N.; λ=89° 10′ W.]

Month	Pressure.			Temperature.							Moisture.								Cloudiness.		
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.				
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.714	30.237	29.202	37.2	42.1	48.5	31.8	40.2	64	17	32	33	82	72	0.189	0.203	11.65	3.53	6.9	5.5	6.8
February	29.734	30.142	29.163	31.3	39.0	43.8	29.4	35.6	68	11	26	30	78	70	.153	.184	2.08	.71	4.6	5.0	5.1
March	29.714	30.244	28.974	40.9	49.7	55.5	37.7	46.6	78	14	34	40	75	70	.213	.274	7.23	4.29	5.3	4.6	5.5
April	29.682	30.054	29.394	51.8	60.8	65.4	50.3	57.8	83	38	46	50	82	70	.320	.369	2.27	.80	5.1	5.0	5.0
May	29.638	29.913	29.398	62.4	73.0	77.4	59.5	68.4	96	49	53	54	72	52	.419	.428	.87	.03	5.2	5.2	5.5
June	29.648	30.002	29.466	71.8	82.6	89.2	67.4	78.3	102	52	62	58	72	45	.575	.494	1.07	.49	3.4	4.7	4.0
July	29.629	29.792	29.346	74.8	83.7	89.2	71.5	80.4	99	65	69	70	84	66	.726	.754	4.19	2.56	5.2	5.5	5.5
August	29.624	29.747	29.476	73.7	83.8	90.9	71.3	81.1	100	63	67	67	81	58	.676	.673	1.54	1.46	3.2	3.6	3.4
September	29.657	29.845	29.356	65.2	72.9	79.6	62.2	70.9	98	43	60	62	84	69	.540	.565	2.22	.78	6.5	4.8	5.8
October	29.644	30.223	29.277	51.6	59.1	65.4	49.1	57.2	85	32	48	50	88	74	.360	.396	5.50	1.59	6.1	4.7	5.7
November	29.761	30.223	29.443	48.3	56.7	62.3	45.9	54.1	77	27	41	44	76	64	.277	.320	3.14	.98	6.6	6.0	6.7
December	29.768	30.179	29.310	37.6	43.6	47.2	36.1	41.6	65	24	34	35	87	73	.205	.215	.84	.31	6.3	5.9	6.6
Year	29.684	30.244	28.974	53.9	62.2	67.9	51.0	59.4	102	11	48	49	80	65	.388	.406	42.60	4.29	5.4	5.0	5.5

CANTON, N. Y.

[ϕ=44° 36′ N.; λ=75° 10′ W.]

January	29.543	30.239	27.746	24.5	.....	36.4	17.2	26.8	54	−11	20	....	84	....	0.119	.....	4.93	1.18	7.1	.....	7.4
February	29.497	30.053	29.110	9.9	.....	22.7	3.5	13.1	54	−17	6	....	85	....	.060	.....	1.43	.67	6.3	.....	5.9
March	29.526	30.233	28.723	30.0	.....	41.1	22.5	31.8	71	− 8	25	....	82	....	.151	.....	5.24	1.18	7.8	.....	6.8
April	29.547	30.031	29.061	41.8	.....	55.6	35.2	45.4	85	22	34	....	75	....	.212	.....	3.35	1.58	5.1	.....	4.4
May	29.535	29.883	29.280	50.5	.....	62.7	42.8	52.8	87	25	41	....	72	....	.275	.....	2.64	1.20	6.4	.....	5.6
June	29.552	30.014	29.356	60.4	.....	74.1	49.8	62.0	87	35	50	....	69	....	.370	.....	1.15	.55	4.6	.....	4.6
July	29.448	29.748	29.115	67.0	.....	80.3	56.2	68.2	95	47	57	....	71	....	.473	.....	2.13	.46	4.9	.....	5.7
August	29.546	29.993	29.190	64.0	.....	77.8	53.8	65.8	94	39	55	....	74	....	.448	.....	2.91	.90	5.5	.....	5.4
September	29.660	30.125	29.301	54.6	.....	68.2	44.5	56.4	88	28	46	....	74	....	.326	.....	2.26	.84	5.7	.....	5.5
October	29.512	29.876	28.514	48.3	.....	59.6	42.1	50.8	81	22	44	....	84	....	.302	.....	5.87	2.27	7.9	.....	6.9
November	29.602	30.065	28.463	37.7	.....	47.6	32.5	40.0	66	18	32	....	82	....	.193	.....	2.72	1.08	7.2	.....	6.7
December	29.517	29.894	28.825	26.7	.....	34.3	19.6	27.0	52	− 6	23	....	86	....	.132	.....	2.38	.80	7.9	.....	7.3
Year	29.540	30.239	27.746	43.0	.....	55.0	35.0	45.0	95	−17	36	....	78	....	.255	.....	37.01	2.27	6.4	.....	6.0

CHARLES CITY, IOWA.

[ϕ=43° 04′ N.; λ=92° 38′ W.]

January	28.935	29.445	28.460	12.1	17.6	27.5	5.5	16.5	48	−14	10	14	92	84	0.078	0.090	0.27	0.12	5.9	5.0	6.9
February	28.971	29.393	28.526	8.8	20.0	26.5	4.9	15.7	59	−20	7	14	91	76	.069	.090	.91	.78	4.6	4.4	5.3
March	28.878	29.438	27.909	22.8	31.4	38.5	18.8	28.6	58	−16	21	26	91	79	.123	.150	3.91	2.21	7.0	7.2	7.8
April	28.962	29.370	28.357	40.4	54.0	60.1	37.1	48.6	85	27	36	40	83	61	.216	.260	2.00	.84	4.8	5.5	5.6
May	28.925	29.421	28.593	51.9	62.2	66.2	46.8	56.5	89	35	47	49	84	65	.334	.371	5.53	.97	7.1	6.6	7.2
June	28.956	29.483	28.610	64.4	77.2	82.6	58.0	70.3	96	39	57	59	79	55	.501	.534	2.21	1.30	5.6	4.1	5.1
July	28.912	29.131	28.496	65.9	80.6	85.0	60.0	72.5	100	50	60	62	82	55	.529	.580	2.82	1.04	5.1	2.3	5.2
August	28.941	29.156	28.632	65.0	77.5	84.5	61.5	73.0	96	49	60	64	85	64	.533	.602	3.07	1.20	5.9	5.1	5.9
September	28.992	29.248	28.635	54.1	65.5	73.3	50.9	62.1	98	27	50	53	86	65	.382	.426	3.48	.93	5.7	6.0	6.2
October	28.931	29.513	28.326	40.9	49.4	57.5	37.2	47.4	81	16	37	40	87	72	.246	.292	4.05	1.14	5.6	5.6	5.5
November	28.963	29.378	28.389	36.3	43.0	50.3	32.8	41.6	66	15	32	36	86	77	.201	.230	1.91	.40	6.0	5.0	6.0
December	29.062	29.375	28.797	24.6	31.6	38.8	22.2	30.5	51	9	23	28	91	86	.127	.158	.80	.24	4.9	4.3	5.6
Year	28.952	29.513	27.909	40.6	50.8	57.6	36.3	46.9	100	−20	37	40	86	70	.278	.314	30.16	2.21	5.7	5.1	6.0

CHARLESTON, S. C.

[ϕ=32° 47′ N.; λ=79° 56′ W.]

January	30.147	30.600	29.446	53.4	58.2	65.7	50.9	58.3	77	37	50	53	89	84	0.380	0.426	0.99	0.61	6.4	4.9	6.1
February	30.033	30.438	29.766	49.0	54.6	60.9	47.2	54.0	79	31	43	47	81	77	.295	.338	5.53	2.63	6.5	6.0	6.2
March	30.131	30.648	29.705	57.0	60.4	66.6	53.5	60.0	79	39	52	55	84	83	.419	.451	3.80	1.47	6.8	6.3	7.0
April	30.032	30.398	29.672	60.7	63.2	70.3	55.0	62.6	80	46	51	51	71	67	.389	.396	1.40	.98	3.0	2.8	3.4
May	30.000	30.223	29.714	70.7	71.8	80.3	64.9	72.6	98	55	61	62	72	73	.543	.570	.19	.15	3.4	3.8	3.8
June	29.998	30.150	29.826	74.5	75.5	83.1	69.2	76.2	95	49	66	68	76	78	.657	.666	2.88	.77	5.0	4.7	4.5
July	30.011	30.152	29.803	81.4	81.3	88.9	76.2	82.6	95	71	73	74	77	78	.815	.832	5.51	3.54	5.1	6.2	5.6
August	29.992	30.162	29.860	78.2	79.5	86.6	73.6	80.1	98	69	71	72	79	78	.761	.791	3.50	2.09	3.3	5.1	5.3
September	30.034	30.239	29.699	72.4	74.9	81.6	68.4	75.0	90	53	66	67	80	78	.649	.682	7.26	3.58	4.1	4.3	4.7
October	29.955	30.357	29.526	62.0	66.8	73.7	58.5	66.1	89	39	55	57	77	73	.554	.498	6.65	4.39	4.3	4.0	4.2
November	30.165	30.447	29.471	51.4	57.1	65.3	48.8	57.0	78	32	45	48	81	74	.370	.360	1.19	1.19	3.0	3.9	3.6
December	30.053	30.406	29.532	47.7	52.7	58.7	45.3	52.0	72	31	43	45	83	76	.293	.316	2.59	1.51	5.6	5.7	6.1
Year	30.046	30.648	29.446	63.2	66.3	73.5	59.3	66.4	98	31	56	58	79	77	.498	.530	41.49	4.39	4.7	4.8	5.0

Annual meteorological summary for the year ending December 31, 1913—Continued.

CAIRO, ILL.

[H=356 ft.; h_t=87 ft.; h_r=80 ft.; h_a=93 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	11.1	S.	38	NW.	0	9	3	3	7	23	4	6	7	0	8	4	19	11	10	3	1	0	0	2	0	21	5	0
February	9.3	S.	34	SW.	0	10	4	3	10	10	7	3	9	0	10	8	10	8	8	6	2	0	0	6	0	17	1	0
March	12.5	S.	48	SW.	2	4	3	3	11	21	6	5	8	1	11	7	13	11	8	5	3	1	0	1	0	12	7	0
April	10.3	S.	33	N.	0	11	7	5	5	15	6	6	5	0	12	7	11	11	7	0	0	0	0	0	0	0	4	0
May	8.7	S.	31	SW.	0	13	7	3	5	16	7	6	4	1	10	11	10	4	3	0	0	0	0	0	1	0	6	0
June	6.5	S.	39	W.	0	6	12	4	5	14	13	4	2	0	13	11	6	6	4	0	0	1	0	0	15	0	9	0
July	7.3	SW.	32	SW.	0	4	10	2	3	18	20	3	2	0	7	17	7	9	6	0	0	1	0	0	14	0	10	0
August	6.3	S.	35	NW.	0	7	9	3	5	21	9	3	5	0	15	15	1	3	3	0	0	0	0	0	19	0	5	0
September	7.3	S.	33	N.	0	6	13	5	10	15	3	5	3	0	10	7	13	9	8	0	0	0	1	0	5	0	3	0
October	7.8	S.	29	NW.	0	12	5	3	10	12	7	7	6	0	13	1	17	11	10	1	0	0	1	0	0	2	3	0
November	8.8	S.	35	SW.	0	9	3	5	11	18	5	2	7	0	8	5	17	10	8	0	0	0	0	0	0	4	2	0
December	6.9	NE.	37	N.	0	13	17	3	4	7	9	3	5	1	10	1	20	5	5	6	2	0	3	1	0	13	0	0
Year	8.6	S.	48	SW.	2	104	93	42	86	190	96	53	63	3	127	94	144	98	80	21	8	3	5	10	54	69	55	0

CANTON, N. Y.

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

January	13.5	SW.	50	E.	5	6	1	4	0	5	8	7	0	0	4	8	19	17	15	14	10	0	0	9	0	28	1	0
February	14.1	W.	42	SW.	4	6	4	3	0	2	7	6	0	0	6	12	10	15	7	19	14	0	0	25	0	28	0	0
March	16.2	SW.	68	SW.	7	0	4	3	0	7	10	6	1	0	6	8	17	14	13	10	7	0	0	12	0	22	2	0
April	12.0	NE.	46	SW.	2	1	10	2	0	6	6	2	3	0	14	8	8	13	10	6	5	0	0	0	0	16	4	0
May	9.5	SW.	32	SW.	0	3	7	1	1	1	11	1	6	0	10	10	11	12	6	1	0	0	0	0	0	5	1	0
June	9.7	SW.	39	SW.	0	1	6	3	1	1	14	1	3	0	10	14	6	8	7	0	0	0	0	0	0	0	3	0
July	10.0	SW.	42	SW.	2	0	2	1	0	5	12	7	4	0	8	12	11	15	9	0	0	0	0	2	0	8	0	0
August	9.7	SW.	44	SW.	1	2	4	0	2	4	15	2	2	0	8	16	7	11	5	0	0	1	0	2	0	6	0	0
September	8.9	SW.	42	W.	1	1	5	4	1	5	9	3	2	0	9	11	10	10	8	0	0	1	0	0	0	2	1	0
October	9.5	SW.	43	W.	1	5	6	3	1	5	6	2	2	1	4	13	14	14	10	3	0	0	1	1	0	6	1	0
November	13.5	SW.	48	SW.	5	2	1	6	1	2	11	3	4	0	7	8	15	14	10	4	2	0	2	2	0	17	0	0
December	10.6	SW.	40	E.	2	2	2	3	1	1	11	8	3	0	6	6	19	14	10	13	8	0	0	12	0	26	0	0
Year	11.4	SW.	68	SW.	30	29	52	33	8	44	120	48	30	1	92	126	147	157	110	70	46	2	3	61	4	150	27	0

CHARLES CITY, IOWA.

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

January	8.7	NW.	27	SW.	0	11	3	1	6	17	5	0	19	0	4	14	13	5	4	12	5	0	2	18	0	31	0	0
February	8.1	NW.	28	NE.	0	12	4	2	3	6	5	9	15	0	12	4	12	4	4	4	4	0	0	19	0	27	0	0
March	10.2	NW.	33	NW.	0	7	5	1	12	14	1	5	17	0	4	6	21	13	10	15	8	1	3	13	0	24	1	0
April	9.1	SE.	38	SW.	0	10	8	4	15	12	1	2	8	0	11	4	15	11	10	5	2	0	0	0	0	8	1	0
May	6.9	NW.	32	SW.	0	8	3	8	6	13	6	6	12	0	7	5	19	13	11	0	0	1	1	0	0	0	7	0
June	6.8	SW.	27	S.	0	5	3	7	10	22	10	2	1	0	9	12	9	6	5	0	0	1	0	0	8	0	5	0
July	6.3	SE.	30	W.	0	11	5	4	13	8	2	7	12	0	7	18	6	11	8	0	0	0	0	0	8	0	6	0
August	5.3	SE.	30	SW.	0	6	4	8	18	7	4	4	11	0	10	5	16	10	7	0	0	0	0	0	6	0	8	0
September	6.3	SE.	26	NE.	0	10	2	7	19	9	2	2	9	0	7	9	14	11	9	0	0	0	1	0	6	1	4	0
October	7.3	NW.	29	SW.	0	10	2	3	15	8	7	3	13	1	10	10	11	15	12	5	2	0	1	0	0	12	3	0
November	7.6	S.	30	SW.	0	5	3	3	8	17	9	3	12	0	8	10	12	9	8	1	1	0	2	1	0	14	1	0
December	5.0	NW.	26	N.	0	10	6	5	7	10	7	8	9	0	10	8	13	3	2	4	1	0	1	8	0	26	0	0
Year	7.3	S.	38	SW.	0	105	48	53	132	143	59	51	138	1	99	105	161	111	90	46	23	3	11	59	28	143	36	0

CHARLESTON, S. C.

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

January	10.2	SW.	39	SW.	0	9	10	4	4	7	19	5	4	0	7	10	14	10	6	0	0	0	6	0	0	0	0	0
February	11.1	NW.	37	S.	0	10	10	6	2	8	5	7	8	0	9	5	14	13	11	0	0	0	2	0	0	2	5	0
March	12.3	NE.	40	S.	1	7	12	8	6	8	12	4	5	0	5	12	14	13	11	0	0	0	1	0	0	0	4	0
April	11.2	S.	40	NE.	1	6	7	4	5	12	10	8	8	0	18	6	6	8	6	0	0	0	0	0	0	0	2	0
May	10.4	S.	29	NE.	0	6	3	4	8	14	16	7	4	0	13	14	4	3	1	0	0	0	2	0	2	0	5	0
June	10.6	S.	39	N.	0	8	5	3	4	18	14	3	5	0	13	11	6	10	8	0	0	0	0	0	4	0	12	0
July	10.1	S.	45	N.	1	0	3	4	3	23	20	7	2	0	7	15	9	8	6	0	0	0	0	0	15	0	16	0
August	9.1	S.	34	NW.	0	8	9	7	4	12	10	7	5	0	7	18	6	12	9	0	0	0	0	0	8	0	12	0
September	10.4	NE.	62	NE.	1	10	16	6	7	7	3	5	6	0	15	6	9	13	9	0	0	0	1	1	0	0	7	0
October	11.1	W.	38	SW.	0	11	5	1	1	8	13	14	9	0	16	5	10	3	3	0	0	0	0	0	0	0	0	0
November	9.3	N.	38	W.	0	13	12	6	4	6	6	6	7	0	16	11	3	1	1	0	0	0	2	0	0	0	2	0
December	9.8	N.	34	W.	0	19	11	3	1	4	4	7	12	1	7	9	15	10	7	0	0	0	2	0	0	2	0	0
Year	10.5	SW.	62	NE.	4	107	103	56	49	127	132	80	75	1	133	122	110	104	78	0	0	1	16	0	29	4	65	0

Annual meteorological summary for the year ending December 31, 1913—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	29.336	29.809	28.471	44.0	50.7	57.6	40.1	48.8	71	27	41	42	88	72	0.277	0.289	3.70	1.60	6.4	6.2	6.8
February	29.244	29.677	28.779	37.2	48.2	52.8	36.0	44.4	70	21	30	32	74	56	.178	.199	2.52	1.04	5.2	4.9	5.7
March	29.321	29.936	28.828	48.2	55.8	62.8	44.3	53.6	79	28	42	43	80	65	.304	.314	5.80	1.35	6.1	5.4	5.9
April	29.228	29.667	28.853	52.8	62.3	69.0	49.4	59.2	83	41	42	43	69	54	.284	.300	2.72	1.52	4.1	5.1	4.5
May	29.207	29.461	28.921	64.3	72.8	80.5	59.3	69.9	91	44	54	53	72	55	.440	.430	3.77	1.48	4.5	5.3	4.7
June	29.232	29.518	29.056	69.9	76.5	85.1	64.8	75.0	95	47	63	63	80	65	.595	.601	4.21	.91	4.9	6.2	5.2
July	29.222	29.381	29.040	74.6	80.7	90.5	70.3	80.4	102	61	69	68	83	68	.714	.700	4.42	2.36	5.3	5.9	6.0
August	29.234	29.466	29.071	71.3	78.1	86.5	67.8	77.2	98	62	67	66	87	74	.671	.704	4.48	1.34	5.0	5.9	5.3
September	29.293	29.549	28.931	64.0	69.4	77.0	60.1	68.6	90	46	60	60	88	74	.535	.536	2.45	.76	5.6	5.3	5.9
October	29.189	29.630	28.736	54.7	62.3	70.6	51.5	61.0	83	34	48	48	78	63	.358	.365	2.29	.96	3.7	3.2	3.8
November	29.362	29.726	28.627	43.2	54.6	62.4	41.2	51.8	77	24	36	37	77	54	.220	.238	3.22	2.80	3.9	3.5	3.9
December	29.264	29.600	28.638	38.6	46.8	52.4	36.7	44.6	67	23	34	36	83	67	.205	.219	4.57	1.39	5.3	5.2	5.6
Year	29.261	29.936	28.471	55.2	63.2	70.6	51.8	61.2	102	21	49	50	80	64	.398	.407	44.15	2.80	5.0	5.2	5.3

CHATTANOOGA, TENN.

[ϕ=35° 4′ N.; λ=85° 14′ W.]

January	29.356	29.784	28.786	43.3	51.4	57.5	40.2	48.8	73	27	39	42	86	71	0.257	0.287	7.13	1.60	7.2	5.2	6.5
February	29.309	29.675	28.718	36.9	47.2	51.8	34.9	43.4	70	18	29	30	72	53	.172	.188	5.29	2.51	5.4	4.8	5.1
March	29.357	29.872	28.852	45.0	55.6	61.0	41.7	51.4	77	23	37	40	75	58	.255	.289	6.74	2.19	6.1	5.3	5.6
April	29.287	29.608	28.981	51.9	64.2	69.5	49.5	59.5	83	42	41	44	67	51	.263	.298	1.58	.83	5.1	5.0	5.4
May	29.256	29.509	29.046	62.3	72.7	79.8	58.4	69.1	89	49	53	56	73	58	.417	.453	4.30	2.22	5.1	5.8	5.3
June	29.272	29.529	29.108	68.9	80.0	87.8	64.3	76.0	98	50	61	63	76	59	.552	.587	4.13	1.10	3.3	5.2	4.0
July	29.268	29.430	29.066	74.7	83.1	90.2	71.4	80.8	98	65	66	67	76	60	.654	.665	4.40	1.54	5.1	6.1	5.6
August	29.260	29.417	29.099	72.2	82.0	90.1	68.9	79.5	96	60	65	65	78	58	.619	.622	2.35	.80	3.9	4.9	4.0
September	29.299	29.537	29.041	64.1	73.8	80.4	61.9	71.2	95	41	57	60	80	64	.487	.526	3.74	1.69	5.5	5.5	5.8
October	29.263	29.691	28.850	50.8	61.1	69.5	48.1	58.8	85	31	45	47	81	61	.317	.342	2.59	1.35	4.7	3.4	4.1
November	29.418	29.755	28.978	43.2	56.5	64.0	41.5	52.8	75	22	36	41	77	58	.224	.278	2.41	2.04	3.8	3.7	4.5
December	29.332	29.744	28.716	39.0	46.6	51.6	36.8	44.2	65	23	34	37	82	69	.210	.227	3.43	1.35	6.0	5 1	5.8
Year	29.306	29.872	28.716	54.4	64.5	71.1	51.5	61.3	98	18	47	49	77	60	.369	.397	48.09	2.51	5.1	5.0	5.1

CHEYENNE, WYO.

[ϕ= 41° 8′ N.; λ=104° 48′ W.]

January	23.867	24.108	23.554	20.3	25.5	35.0	13.8	24.4	54	−26	9	11	62	54	0.069	0.072	0.55	0.30	2.8	3.9	4.5
February	23.876	24.147	23.528	14.0	19.6	29.4	7.7	18.6	58	−13	9	12	80	73	.066	.074	.74	.24	3.9	4.9	5.7
March	23.888	24.150	23.495	25.5	34.2	41.7	20.0	30.8	65	−8	15	18	66	55	.087	.102	.33	.10	5.9	5.5	5.4
April	23.986	24.200	23.667	34.8	49.5	55.6	30.6	43.1	73	19	25	25	70	46	.134	.139	1.35	.52	5.1	5.1	6.0
May	23.997	24.211	23.757	43.8	57.4	64.1	39.8	52.0	81	28	37	39	78	55	.224	.246	2.22	.55	4.6	6.6	6.3
June	24.030	24.258	23.789	52.0	67.7	74.4	47.3	60.8	88	40	44	44	77	46	.294	.287	1.18	.39	4.5	6.3	5.9
July	24.135	24.343	23.885	56.3	72.7	79.1	51.3	65.2	92	43	45	44	68	42	.307	.303	1.42	.90	3.6	4.7	4.5
August	24.152	24.390	23.873	57.2	75.5	82.5	54.3	68.4	90	46	46	47	69	40	.319	.325	1.43	.46	3.5	5.6	4.7
September	24.099	24.370	23.727	44.9	58.3	66.2	41.9	54.0	83	24	38	42	77	57	.239	.274	2.52	.97	4.3	6.3	5.9
October	24.021	24.284	23.681	35.9	43.4	52.2	30.8	41.5	72	14	28	30	73	61	.155	.169	1.43	.96	5.8	5.2	6.3
November	24.002	24.320	23.603	34.0	40.5	50.3	27.9	39.1	66	15	23	27	65	60	.127	.148	.37	.13	4.5	4.1	5.1
December	24.005	24.308	23.653	19.4	22.6	31.8	12.3	22.0	45	0	12	15	74	72	.078	.085	2.00	.94	4.3	3.3	5.2
Year	24.005	24.390	23.495	36.5	47.2	55.2	31.5	43.3	92	−26	28	30	71	55	.175	.185	15.84	.97	4.4	5.1	5.5

CHICAGO, ILL.

[ϕ=41° 53′ N.; λ=87° 37′ W.]

January	29.134	29.658	28.581	27.6	31.5	36.7	21.9	29.3	55	0	22	24	79	71	0.129	0.136	1.33	0.34	8.1	6.4	7.1
February	29.165	29.605	28.709	20.6	26.9	32.6	17.1	24.8	62	−2	13	16	71	63	.088	.106	1.97	1.25	5.2	4.6	5.0
March	29.114	29.723	28.420	31.5	36.9	43.7	26.6	35.2	65	−4	24	28	73	69	.144	.167	3.44	1.37	5.9	5.7	6.4
April	29.190	29.629	28.736	45.4	51.3	56.6	41.1	48.8	80	32	36	36	69	58	.217	.225	1.91	.53	5.3	5.2	5.0
May	29.153	29.636	28.866	54.9	58.8	65.2	50.1	57.6	85	38	45	46	72	65	.314	.325	4.38	1.83	6.2	5.0	5.7
June	29.189	29.703	28.951	68.0	72.9	79.0	62.0	70.5	99	44	55	57	65	60	.469	.503	1.08	.62	3.8	3.5	3.6
July	29.126	29.312	28.762	70.9	76.8	82.5	67.3	74.9	99	59	61	62	72	62	.554	.566	3.30	1.75	3.8	4.3	3.6
August	29.154	29.336	28.934	69.9	75.8	80.8	67.8	74.3	97	60	62	64	76	68	.561	.604	4.06	1.38	4.5	4.6	4.7
September	29.207	29.498	28.641	61.6	66.9	71.7	59.1	65.4	97	38	52	57	72	72	.414	.486	1.49	.93	4.8	4.9	4.6
October	29.129	29.695	28.704	49.4	54.8	59.9	46.7	53.3	83	27	43	46	80	73	.300	.332	2.23	.52	5.7	4.8	5.3
November	29.196	29.668	28.773	43.7	49.9	53.1	41.2	47.2	72	20	36	41	75	71	.238	.282	1.47	.58	5.8	5.7	6.4
December	29.241	29.548	28.846	34.9	38.5	42.4	32.5	37.4	57	18	29	31	79	73	.169	.179	.45	.29	6.3	5.5	6.6
Year	29.166	29.723	28.420	48.2	53.4	58.7	44.4	51.6	99	−4	40	42	74	67	.300	.326	27.11	1.83	5.4	4.9	5.3

Annual meteorological summary for the year ending December 31, 1913—Continued.

CHARLOTTE, N. C.

[H=773 ft.; h_1=68 ft.; h_r=60 ft.; h_a=76 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	8.1	SW.	47	SW.	1	2	16	4	6	12	18	3	0	1	7	7	17	13	7	1	0	0	10	0	0	8	1	0
February	7.2	NE.	28	W.	0	7	15	7	2	6	12	4	3	0	9	8	11	11	7	2	1	0	3	1	0	9	0	0
March	8.9	S.	42	W.	1	7	8	4	5	18	13	2	4	1	10	7	14	11	10	0	0	0	3	0	0	4	5	0
April	7.8	S.	27	SW.	0	8	5	5	4	14	13	3	8	0	15	4	11	11	7	0	0	0	0	0	0	0	3	0
May	6.5	SW.	33	SW.	0	2	8	4	7	12	19	3	7	0	13	9	9	11	9	0	0	0	0	0	3	0	11	0
June	5.7	NE.	26	SW.	0	10	11	8	7	4	11	8	0	1	8	15	7	16	14	0	0	0	0	0	13	0	17	0
July	5.7	SW.	35	W.	0	7	7	3	6	12	17	8	2	0	6	15	10	11	10	0	0	1	0	0	17	0	13	0
August	4.9	SE.	25	N.	0	4	12	5	14	8	11	7	1	0	9	14	8	11	7	0	0	0	1	0	8	0	9	0
September	5.5	NE.	24	W.	0	4	20	7	6	9	7	3	3	1	10	6	14	11	10	0	0	0	0	0	1	0	2	0
October	7.2	SW.	42	SW.	1	7	15	4	4	6	16	2	8	0	18	7	6	6	5	0	0	0	1	0	0	0	1	0
November	5.9	SW.	24	W.	0	5	17	2	4	7	20	3	2	0	15	9	6	4	3	2	0	0	1	0	0	6	1	0
December	6.4	NE.	28	NE.	0	10	18	5	3	7	15	3	0	1	10	10	11	9	7	1	0	0	0	0	0	8	0	0
Year	6.6	SW.	47	SW.	3	73	152	58	68	115	172	49	38	5	130	111	124	125	96	6	1	1	19	1	42	35	63	0

CHATTANOOGA, TENN.

[H=762 ft.; h_1=189 ft.; h_r=167 ft.; h_a=213 ft.]

January	10.1	S.	38	W.	0	7	8	2	10	18	5	8	4	0	5	12	14	18	15	1	1	0	3	0	0	7	1	0
February	8.1	NW.	33	S.	0	9	7	3	6	6	8	5	12	0	14	3	11	10	9	1	0	0	0	0	0	13	3	0
March	10.7	S.	54	S.	5	4	8	3	9	12	6	9	11	0	10	8	13	13	9	2	0	1	0	0	0	8	4	0
April	10.3	NW.	38	S.	0	8	7	2	5	11	5	6	16	0	11	7	12	7	6	0	0	0	0	0	0	0	0	0
May	7.3	SW.	36	S.	0	8	9	2	3	5	19	10	6	0	8	14	9	13	8	0	0	2	0	0	0	0	9	0
June	6.7	W.	46	NW.	2	7	11	3	6	5	7	13	8	0	12	16	2	11	11	0	0	1	2	0	15	0	14	0
July	7.2	SW.	28	SW.	0	3	6	2	2	9	17	17	6	0	7	14	10	9	7	0	0	0	0	0	19	0	14	0
August	6.1	W.	31	NW.	0	6	8	0	7	8	8	17	8	0	17	11	3	7	6	0	0	0	0	0	18	0	8	0
September	6.2	NE.	30	SE.	0	4	14	2	13	8	8	6	5	0	8	10	12	12	6	0	0	0	1	0	4	0	1	0
October	7.5	NW.	32	SW.	0	11	1	3	2	4	7	17	17	0	15	8	8	8	8	1	0	0	4	0	0	1	2	0
November	6.4	SW.	32	NW.	0	8	6	6	6	3	13	8	10	0	14	8	8	5	4	2	1	0	9	0	0	5	0	0
December	6.6	NE.	37	NW.	0	12	14	3	5	6	5	10	6	1	7	13	11	13	10	2	2	0	8	0	0	7	0	0
Year	7.8	W.	54	S.	7	87	99	31	74	95	108	126	109	1	128	124	113	126	99	9	4	4	27	0	56	41	56	0

CHEYENNE, WYO.

[H=6,088 ft.; h_1=84 ft.; h_r=75 ft.; h_a=101 ft.]

January	14.4	NW.	54	NW.	9	7	4	3	1	2	7	19	19	0	11	15	5	6	3	11	6	0	0	11	0	29	0	0
February	8.4	NW.	43	NW.	1	6	8	3	2	6	10	7	14	0	8	11	9	9	7	14	9	0	2	17	0	28	0	0
March	12.4	NW.	44	NW.	3	8	4	3	0	5	8	17	17	0	7	16	8	8	4	13	8	0	1	8	0	26	1	0
April	10.1	NW.	38	S.	0	14	6	1	3	10	0	11	15	0	7	12	11	10	7	9	6	1	2	3	0	18	0	0
May	8.6	NW.	34	S.	0	13	7	1	2	15	4	6	13	1	4	13	14	17	10	4	3	5	4	0	0	4	10	0
June	10.2	S.	38	SE.	0	5	2	5	7	14	2	7	17	1	6	17	7	9	7	0	0	1	1	0	0	0	10	0
July	8.5	NW.	40	NW.	1	7	2	3	3	12	13	5	17	0	10	14	7	12	6	0	0	0	1	0	4	0	12	0
August	6.9	NW.	28	S.	0	11	4	3	5	13	5	5	16	0	8	23	0	9	7	0	0	2	0	0	2	0	11	0
September	7.7	NW.	50	S.	1	9	4	2	5	7	4	5	24	0	7	13	10	14	10	2	2	3	0	0	0	7	7	0
October	13.6	NW.	50	W.	7	10	2	2	2	10	8	16	11	1	6	14	11	8	6	11	5	1	1	2	0	17	2	0
November	11.8	W.	50	NW.	2	8	1	0	2	5	10	24	10	0	11	8	11	6	5	4	4	0	1	1	0	21	0	0
December	11.7	NW.	56	W.	2	8	1	0	0	1	11	15	26	0	9	12	10	7	5	7	7	0	0	18	0	31	0	0
Year	10.4	NW.	56	W.	26	106	45	26	32	100	82	137	199	3	94	168	103	115	77	75	50	13	13	60	6	181	53	0

CHICAGO, ILL.

[H=823 ft.; h_1=140 ft.; h_r=133 ft.; h_a=310 ft.]

January	15.0	S.	37	NE.	0	1	7	1	3	13	16	12	9	0	4	10	17	14	9	15	8	0	1	12	0	27	0	0
February	14.6	W.	46	W.	1	3	6	3	4	2	13	21	4	0	10	9	9	7	5	12	6	0	0	15	0	26	0	0
March	17.7	S.	52	SW.	4	5	4	1	5	13	14	16	4	0	4	12	15	15	12	12	9	0	1	8	0	21	4	0
April	14.2	N.	37	SW.	0	14	11	4	4	9	7	8	3	0	13	5	12	9	6	1	0	0	1	0	0	1	1	0
May	13.4	NE.	44	NE.	2	9	12	5	6	9	7	7	7	0	11	9	11	11	7	0	0	0	0	0	0	0	4	0
June	12.0	SW.	38	N.	0	9	8	7	5	5	15	8	3	0	17	8	5	6	3	0	0	0	0	0	8	0	3	0
July	11.4	NE.	47	NE.	3	11	8	6	6	7	11	4	9	0	19	6	6	8	5	0	0	0	0	0	7	0	5	0
August	10.6	NE.	35	SE.	0	13	10	8	3	10	7	6	5	0	12	13	6	11	7	0	0	0	0	0	4	0	7	0
September	11.8	SE.	32	W.	0	5	8	7	11	9	7	12	1	0	12	10	8	9	6	0	0	0	2	0	3	0	2	0
October	12.2	W.	36	NE.	0	7	6	1	5	12	10	13	8	0	12	6	13	15	11	5	2	0	4	0	0	3	1	0
November	14.5	SW.	42	NW.	2	1	6	4	3	17	13	10	6	0	9	5	16	10	6	3	0	0	4	1	0	5	1	0
December	11.6	SW.	38	NW.	0	7	8	1	3	2	23	7	11	0	9	4	18	5	3	3	2	0	1	1	0	14	0	0
Year	13.2	SW.	52	SW.	12	85	94	48	58	108	143	124	70	0	132	97	136	120	80	51	27	0	14	37	22	97	28	0

Annual meteorological summary for the year ending December 31, 1913—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	29.412	29.992	28.730	37.4	42.4	49.6	31.6	40.6	64	12	33	35	82	74	0.199	0.214	9.02	1.79	7.7	5.5	7.9
February	29.425	29.883	28.850	27.0	35.4	40.3	23.6	32.0	67	6	22	25	82	66	.132	.148	1.86	.81	4.7	4.7	5.4
March	29.415	29.989	28.749	39.4	47.4	54.6	31.9	44.8	77	11	32	35	76	64	.206	.228	9.09	4.32	6.2	5.0	6.2
April	29.407	29.853	29.157	49.1	58.0	63.0	45.0	54.0	82	32	38	41	68	56	.242	.272	3.84	1.23	4.4	6.2	5.5
May	29.375	29.733	29.078	59.3	69.4	75.6	55.9	65.8	91	38	50	52	71	56	.374	.403	2.30	.71	5.6	5.4	5.6
June	29.397	29.845	29.189	70.1	80.4	86.0	63.6	74.8	98	43	58	58	67	50	.514	.521	2.29	.93	2.1	3.5	3.2
July	29.347	29.531	29.135	73.4	84.3	90.0	70.0	80.0	101	60	65	65	76	54	.633	.637	2.37	.66	4.6	4.8	4.6
August	29.363	29.499	29.178	72.0	82.5	87.7	68.5	78.1	98	59	65	65	78	57	.622	.633	1.27	.39	3.9	4.1	4.5
September	29.432	29.658	29.057	61.6	70.7	78.5	58.4	68.4	97	40	54	57	78	65	.443	.488	1.80	.99	5.9	5.0	6.1
October	29.355	29.907	28.752	50.8	59.8	66.6	47.7	57.2	89	32	45	47	80	65	.317	.337	2.71	.69	5.8	4.5	5.8
November	29.485	29.946	28.871	44.9	51.7	57.2	42.0	49.6	76	22	41	44	87	76	.269	.308	4.26	1.33	6.5	5.1	6.5
December	29.465	29.846	28.890	36.4	40.6	45.9	32.3	39.1	60	17	33	36	86	82	.196	.220	1.28	.30	7.5	5.0	7.0
Year	29.406	29.992	28.730	51.8	60.2	66.2	47.8	57.0	101	6	45	47	78	64	.346	.367	42.15	4.32	5.4	4.9	5.7

CLEVELAND, OHIO.

[ϕ=41° 30′ N.; λ=81° 42′ W.]

January	29.214	29.809	28.231	33.2	34.5	42.6	28.0	35.3	59	14	27	29	78	80	0.157	0.165	5.66	1.18	6.8	8.0	7.3
February	29.214	29.664	28.762	21.5	25.6	31.3	17.6	24.4	61	3	15	17	74	70	.097	.101	1.66	.74	5.9	6.5	5.6
March	29.212	29.823	28.562	33.7	38.6	47.2	28.8	38.0	73	6	26	29	72	69	.157	.173	8.31	3.17	5.8	6.3	5.4
April	29.245	29.739	28.914	41.8	49.4	54.0	40.9	47.4	81	29	36	37	72	66	.217	.231	2.47	.77	5.9	5.9	5.6
May	29.231	29.594	28.947	54.8	60.5	64.8	50.9	57.8	86	37	45	44	72	57	.312	.307	2.84	1.12	4.6	6.1	5.1
June	29.252	29.759	29.009	64.9	71.2	76.4	60.0	68.2	90	45	53	55	68	60	.428	.459	1.33	.47	3.1	3.8	3.5
July	29.185	29.422	28.811	69.7	74.5	79.4	64.3	71.8	90	50	60	60	73	62	.538	.536	4.85	2.65	4.1	3.9	4.9
August	29.222	29.443	28.982	67.3	74.1	78.9	63.4	71.2	90	52	58	58	73	58	.492	.490	2.26	2.03	3.9	4.2	4.1
September	29.303	29.624	28.827	58.4	64.5	70.1	55.1	62.6	92	39	51	52	77	66	.395	.413	2.10	1.19	5.6	5.1	5.1
October	29.176	29.683	28.507	50.8	55.3	60.3	47.5	53.9	81	28	44	45	79	71	.319	.320	3.96	.98	6.7	6.6	6.6
November	29.285	29.705	28.299	41.4	45.8	50.8	38.4	44.6	72	20	36	38	81	74	.226	.240	3.98	2.09	7.3	6.7	7.3
December	29.268	29.585	28.649	33.8	35.9	40.2	30.5	35.4	56	16	29	30	81	78	.165	.168	1.38	.42	7.5	6.6	7.8
Year	29.234	29.823	28.231	47.9	52.5	58.0	43.8	50.9	92	3	40	41	75	68	.292	.300	40.80	3.17	5.6	5.8	5.7

COLUMBIA, MO.

[ϕ=38° 57′ N.; λ=92° 20′ W.]

January	29.210	29.680	28.762	27.8	.....	40.8	21.4	31.1	64	2	22	....	80	....	0.130	.....	2.57	0.75	5.9	.....	6.2
February	29.263	29.621	28.811	22.6	.....	37.0	19.5	28.2	69	1	17	....	79	....	.106	.....	2.37	.99	5.3	.....	5.7
March	29.208	29.731	28.337	33.5	.....	50.2	30.2	40.2	75	2	26	....	74	....	.152	.....	4.95	1.85	6.5	.....	6.3
April	29.196	29.560	28.810	49.0	.....	65.9	44.6	55.2	84	33	40	....	72	....	.253	.....	3.39	1.47	4.8	.....	5.4
May	29.168	29.540	28.936	60.4	.....	76.4	55.0	65.7	96	39	52	....	74	....	.397	.....	1.43	.48	7.3	.....	6.2
June	29.206	29.621	28.986	69.8	.....	88.4	63.7	76.0	98	43	59	....	70	....	.534	.....	2.40	1.45	4.0	.....	4.6
July	29.179	29.357	28.972	73.3	.....	90.7	69.5	80.1	100	59	66	....	77	....	.638	.....	3.38	.98	5.4	.....	5.0
August	29.180	29.390	29.030	73.3	.....	96.9	69.0	83.0	105	53	62	....	68	....	.564	.....	.77	.50	2.7	.....	3.5
September	29.208	29.430	28.977	62.4	.....	79.4	59.7	69.6	103	37	55	....	78	....	.457	.....	4.40	1.48	5.6	.....	6.1
October	29.189	29.813	28.930	46.5	.....	63.6	44.1	53.8	85	24	42	....	86	....	.306	.....	2.40	.77	4.5	.....	5.0
November	29.261	29.740	28.956	46.9	.....	59.9	43.5	51.7	77	21	41	....	79	....	.283	.....	3.24	1.86	6.6	.....	6.9
December	29.319	29.682	28.852	34.4	.....	43.6	32.1	37.8	61	20	32	....	90	....	.193	.....	1.74	.72	6.6	.....	7.0
Year	29.216	29.813	28.337	50.0	.....	66.1	46.0	56.0	105	1	43	....	77	....	.334	.....	33.04	1.86	5.4	.....	5.7

COLUMBIA, S. C.

[ϕ=34° 0′ N.; λ=81° 3′ W.]

January	29.808	30.280	29.106	48.6	50.0	63.4	45.4	54.4	75	30	44	46	86	71	0.321	0.338	1.56	0.63	6.3	5.4	6.2
February	29.707	30.118	29.376	42.3	52.3	58.2	40.6	49.4	72	27	35	37	76	59	.223	.240	3.51	1.08	6.1	4.4	5.4
March	29.793	30.371	29.334	51.6	59.7	66.9	47.8	57.4	83	31	45	44	79	60	.337	.325	6.85	2.28	6.2	4.5	5.4
April	29.693	30.089	29.309	55.2	64.8	72.7	51.2	62.0	88	42	44	42	67	47	.300	.285	.83	.56	3.5	4.2	3.9
May	29.661	29.904	29.353	65.6	75.4	84.0	61.1	72.6	95	51	55	52	70	48	.453	.409	1.00	.70	3.4	4.1	3.8
June	29.678	29.921	29.489	70.2	78.3	87.0	65.8	76.4	98	47	64	62	80	61	.608	.576	3.54	.83	5.0	5.3	4.8
July	29.669	29.788	29.395	76.4	82.2	92.3	72.0	82.2	102	65	70	69	80	67	.728	.719	5.82	2.70	4.7	7.2	5.6
August	29.672	29.869	29.530	73.4	78.9	88.9	69.3	79.1	96	61	68	68	83	70	.684	.682	1.46	.83	4.5	5.5	5.1
September	29.728	29.956	29.383	66.2	73.6	81.3	62.6	72.0	92	48	62	59	86	63	.565	.524	4.77	1.67	4.5	4.1	5.1
October	29.637	30.070	29.260	55.5	64.8	73.1	51.9	62.5	86	35	50	51	81	63	.382	.399	1.96	.92	3.6	3.2	3.7
November	29.835	30.180	29.140	44.8	57.7	66.3	43.0	54.6	78	26	38	39	76	52	.240	.256	1.95	1.95	3.6	2.1	3.4
December	29.733	30.090	29.164	41.5	50.2	58.3	40.0	48.2	70	24	36	37	81	63	.229	.234	2.93	1.12	5.3	4.4	5.7
Year	29.718	30.371	29.106	57.6	66.2	74.2	54.2	64.2	102	24	51	50	79	60	.422	.416	36.18	2.70	4.7	4.5	4.8

Annual meteorological summary for the year ending December 31, 1913—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.	Wind. By self-register. Prevailing direction.	Wind. By self-register. Maximum velocity.	Wind. By self-register. Direction at time of maximum velocity.	Wind. By self-register. Days with 40 miles and over.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	7.1	SE.	29	SW.	0	4	3	3	19	3	15	8	7	0	3	8	20	18	16	8	6	0	1	0	0	17	0	0
February	7.3	SE.	33	SW.	0	1	0	2	19	1	10	12	11	0	10	6	12	11	6	7	5	0	0	9	0	21	0	0
March	8.6	SW.	35	SW.	0	1	2	1	13	3	19	13	10	0	5	14	12	15	11	10	6	0	1	2	0	15	5	0
April	8.1	NW.	29	W.	0	8	7	6	6	3	9	9	12	0	10	8	12	11	10	0	0	0	0	0	0	0	2	0
May	6.0	SW.	33	SW.	0	3	6	12	7	5	13	6	10	0	8	11	12	8	8	0	0	0	0	0	1	0	6	0
June	5.8	SW.	25	NW.	0	3	12	8	9	1	13	2	9	3	15	12	3	8	7	0	0	0	0	0	13	0	9	0
July	6.5	W.	33	NW.	0	4	8	9	9	2	10	10	9	1	10	17	4	11	7	0	0	1	0	0	17	0	12	0
August	5.1	NW.	24	SW.	0	11	3	10	9	3	6	8	12	0	14	10	7	7	5	0	0	0	0	0	16	0	8	0
September	5.6	SE.	26	SE.	0	5	11	9	13	4	6	5	6	1	9	7	14	11	7	0	0	0	2	0	7	0	3	0
October	6.1	SE.	26	NW.	0	5	3	9	19	0	7	12	7	0	9	9	13	9	8	2	0	0	2	0	0	0	1	0
November	6.5	SE.	27	W.	0	4	1	8	16	6	11	8	6	0	9	3	18	14	12	3	1	0	3	1	0	6	1	0
December	6.3	W.	26	W.	0	4	7	6	12	2	10	12	9	0	5	9	17	7	6	4	2	0	1	2	0	19	0	0
Year	6.6	SE.	35	SW.	0	53	63	83	151	33	129	105	108	5	107	114	144	130	103	34	20	1	10	14	54	78	47	0

CLEVELAND, OHIO.

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

January	16.7	S.	60	W.	5	2	2	2	17	15	7	12	5	0	5	6	20	19	16	12	10	0	0	5	0	23	1	0
February	15.9	SW.	50	W.	3	7	4	0	10	8	17	7	3	0	8	10	10	13	7	18	10	0	1	16	0	26	0	0
March	19.0	S.	64	SW.	9	1	5	2	14	17	9	9	5	0	10	10	11	19	15	14	10	0	0	8	0	21	2	0
April	16.0	N.	46	SE.	3	15	6	6	10	9	4	6	10	0	8	10	12	10	8	1	0	0	0	0	0	3	4	0
May	11.5	N.	36	NE.	0	14	8	3	11	11	3	4	8	0	7	14	10	10	7	0	0	0	0	0	0	3	3	0
June	11.9	N.	64	SW.	3	18	6	6	7	7	6	6	4	0	14	12	4	7	5	0	0	0	0	2	0	8	0	0
July	11.2	SE.	66	NW.	2	12	8	2	16	5	7	6	6	0	7	20	4	12	10	0	0	0	0	0	0	10	0	0
August	11.7	SE.	36	NE.	0	9	12	6	17	6	5	3	4	0	14	12	5	5	5	0	0	0	0	1	0	6	0	0
September	12.0	SE.	36	N.	0	8	12	2	21	9	2	1	4	1	10	11	9	9	8	0	0	0	1	0	1	2	0	0
October	13.6	SE.	54	W.	3	6	5	1	19	5	11	7	7	1	8	4	19	15	13	4	0	1	0	0	0	5	0	0
November	15.4	S.	62	NW.	3	2	4	1	20	16	8	3	6	0	5	6	19	16	9	3	3	0	0	2	0	7	0	0
December	13.7	S.	60	NW.	5	3	4	2	9	13	17	6	8	0	5	3	23	12	8	9	6	0	0	7	0	20	0	0
Year	14.0	SE.	66	NW.	36	97	76	27	171	121	96	70	70	2	101	118	146	147	111	61	39	1	2	38	4	101	41	0

COLUMBIA, MO.

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

January	10.2	S.	30	NW.	0	5	3	0	7	7	0	7	2	0	8	10	13	9	9	3	0	0	0	8	0	27	0	0
February	8.6	SW.	36	SW.	0	4	5	1	4	4	6	1	3	0	9	8	11	8	7	10	5	0	0	12	0	22	0	0
March	11.8	S.	43	W.	1	4	1	3	2	9	2	5	5	0	9	5	17	9	8	8	2	0	0	5	0	17	6	0
April	10.1	E.	36	S.	0	2	4	9	4	5	3	2	1	0	11	6	13	9	7	0	0	1	1	0	0	0	3	0
May	8.0	S.	27	S.	0	0	6	3	9	8	2	1	2	0	7	11	13	13	9	0	0	0	0	3	0	0	10	0
June	7.2	S.	30	S.	0	0	5	3	6	13	2	1	0	0	12	9	9	9	7	0	0	0	0	17	0	9	0	0
July	6.6	S.	37	NW.	0	0	3	6	5	10	4	1	2	0	11	14	6	10	4	0	0	0	1	0	0	10	0	0
August	6.2	S.	28	S.	0	2	3	7	5	9	1	1	1	2	14	14	3	4	4	0	0	0	0	0	0	7	0	0
September	7.0	SE.	29	S.	0	1	6	7	8	4	2	0	2	0	9	7	14	9	8	0	0	0	2	0	0	5	0	0
October	7.3	S.	33	S.	0	5	4	3	4	6	2	3	4	0	13	6	12	7	7	3	2	1	1	0	0	9	1	0
November	9.0	S.	33	NW.	0	1	3	4	3	12	2	1	4	0	6	7	17	10	9	0	0	0	1	0	0	5	4	0
December	6.0	E.	37	NW.	0	1	2	4	5	4	6	1	7	1	8	2	21	8	6	6	4	0	2	5	0	20	0	0
Year	8.2	S.	43	W.	1	25	45	50	62	91	32	24	33	3	117	99	149	105	85	30	13	2	8	30	72	100	55	0

COLUMBIA, S. C.

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

January	8.0	SW.	56	SW.	1	6	13	5	4	8	17	7	2	0	7	8	16	10	5	0	0	0	4	0	0	1	1	0
February	6.9	NE.	26	SW.	0	11	15	7	3	4	6	7	3	0	12	6	10	9	9	0	0	0	3	0	0	5	1	0
March	8.4	SW.	34	SW.	0	4	10	10	4	5	17	10	1	1	10	9	12	11	10	0	0	0	1	0	0	1	5	0
April	7.8	SW.	28	SW.	0	9	5	8	3	8	14	7	6	0	17	5	8	7	5	0	0	0	0	0	0	0	3	0
May	7.1	SW.	30	SW.	0	4	10	5	5	10	15	7	6	0	19	7	5	6	5	0	0	0	1	0	0	7	0	0
June	6.4	SW.	32	SW.	0	11	6	6	7	6	17	2	2	3	11	12	7	13	12	0	0	0	1	0	0	17	0	12
July	6.2	SW.	36	E.	0	2	6	3	6	9	27	6	3	0	7	14	10	12	10	0	0	0	1	0	0	20	0	15
August	5.2	E.	19	S.	0	2	10	15	5	8	15	2	5	0	7	18	6	8	6	0	0	0	1	0	0	15	0	7
September	6.0	E.	22	NE.	0	5	12	19	7	4	8	0	4	1	11	9	10	9	8	0	0	0	5	0	0	3	0	2
October	7.2	NE.	40	SW.	1	11	14	4	1	4	7	12	9	0	17	8	6	8	5	0	0	0	2	0	0	0	0	0
November	5.9	W.	31	W.	0	7	8	8	5	1	7	16	5	3	16	9	5	2	2	1	0	0	0	0	0	4	1	0
December	6.3	NE.	34	W.	0	12	15	9	4	2	9	5	6	0	9	8	14	11	7	1	0	1	4	0	0	6	1	0
Year	6.8	SW.	56	SW.	2	84	124	99	54	69	159	81	52	8	143	113	109	106	84	2	0	2	22	0	62	17	54	0

Annual meteorological summary for the year ending December 31, 1913—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	29.187	29.750	28.348	34.3	38.5	45.6	28.1	36.8	62	8	31	34	86	82	0.182	0.202	6.63	1.19	7.4	6.2	7.1
February	29.193	29.637	28.700	22.9	30.2	35.5	18.9	27.2	64	− 1	20	23	88	72	.122	.132	2.09	1.03	4.4	5.5	4.9
March	29.194	29.751	28.559	35.9	43.6	50.8	30.9	40.8	75	6	30	34	78	69	.186	.212	8.09	3.26	5.9	5.8	5.3
April	29.198	29.690	28.931	45.6	53.5	59.9	40.8	50.4	82	28	38	40	76	63	.240	.258	3.91	1.03	5.3	5.9	4.7
May	29.180	29.538	28.838	57.1	65.0	72.1	51.3	61.7	86	34	49	49	76	60	.367	.369	2.60	.88	5.5	5.7	4.7
June	29.205	29.661	29.006	66.7	75.7	83.8	59.8	71.8	98	39	56	57	70	56	.481	.497	1.56	.56	2.7	4.5	2.0
July	29.149	29.339	28.866	70.8	80.4	87.5	65.5	76.5	97	54	64	62	80	55	.611	.574	2.88	.70	4.0	4.6	2.9
August	29.177	29.350	28.983	69.0	78.9	86.2	64.6	75.4	96	54	62	58	78	51	.564	.502	2.10	1.61	3.5	4.8	3.7
September	29.253	29.507	28.870	59.2	67.6	75.8	55.0	65.4	94	36	53	54	82	63	.430	.433	3.28	1.58	5.4	5.0	5.6
October	29.147	29.676	28.507	49.0	57.1	63.0	45.8	54.4	85	29	44	45	84	66	.308	.315	2.05	.78	5.7	5.4	6.0
November	29.264	29.604	28.439	41.0	48.0	53.5	38.1	45.8	73	20	37	39	85	72	.232	.254	4.56	1.16	6.5	5.1	6.7
December	29.240	29.584	28.662	33.4	36.8	41.7	29.3	35.5	59	17	30	30	87	75	.176	.174	1.13	.29	7.3	5.7	6.9
Year	29.199	29.751	28.348	48.7	56.3	63.0	44.0	53.5	98	− 1	43	44	81	65	.325	.327	40.88	3.26	5.3	5.4	5.0

CONCORD, N. H.

[ϕ=43° 12′ N.; λ=71° 32′ W.]

January	29.750	30.395	28.607	27.4	.....	40.3	21.9	31.1	59	5	22	....	81	....	0.129	.....	1.81	0.40	5.1	.....	6.6
February	29.641	30.027	29.236	17.7	.....	30.8	12.5	21.6	51	− 7	10	....	70	....	.074	.....	2.25	.98	4.2	.....	4.6
March	29.785	30.536	29.312	31.7	.....	47.0	26.4	36.7	73	− 5	27	....	81	....	.162	.....	4.40	1.10	5.8	.....	6.5
April	29.691	30.238	29.153	43.0	.....	56.8	36.1	46.4	84	22	34	....	69	....	.207	.....	2.03	.60	4.5	.....	5.3
May	29.674	30.127	29.230	50.9	.....	64.8	41.6	53.2	88	29	41	....	69	....	.263	.....	3.17	1.46	5.4	.....	5.6
June	29.685	30.108	29.461	62.9	.....	77.2	49.0	63.1	91	37	50	....	63	....	.366	.....	.10	.07	3.6	.....	4.4
July	29.606	29.892	29.338	67.8	.....	82.9	57.2	70.0	99	45	56	....	67	....	.462	.....	1.25	.58	3.8	.....	4.7
August	29.721	30.142	29.426	63.4	.....	80.5	54.8	67.8	98	40	56	....	78	....	.465	.....	2.30	1.17	4.7	.....	4.5
September	29.837	30.303	29.416	53.6	.....	70.1	46.6	58.4	91	28	48	....	82	....	.353	.....	3.26	2.36	4.8	.....	4.7
October	29.669	30,231	29.130	51.1	.....	60.2	46.1	53.2	75	25	47	....	86	....	.341	.....	4.63	1.73	7.0	.....	7.3
November	29.796	30.450	29.226	36.9	.....	48.6	31.2	39.9	70	19	30	....	77	....	.178	.....	1.76	.74	5.7	.....	6.1
December	29.653	30.142	28.764	25.3	.....	37.7	20.9	29.3	53	− 1	20	....	79	....	.114	.....	2.08	1.03	6.1	.....	6.5
Year	29.709	30.536	28.607	44.3	.....	58.1	37.0	47.6	99	− 7	37	....	75	....	2.90	.....	29.04	2.36	5.1	.....	5.6

CONCORDIA, KANS.

[ϕ=39° 35′ N.; λ=97° 41′ W.]

January	28.568	29.060	28.108	21.8	28.6	37.6	16.4	27.0	68	−13	16	18	80	67	0.097	0.105	0.55	0.44	4.8	3.6	5.8
February	28.612	29.000	28.121	18.0	29.4	36.2	14.7	25.4	75	− 7	13	19	81	66	.082	.102	1.30	.68	5.0	5.4	6.6
March	28.526	28.917	27.752	30.1	42.4	50.8	26.4	38.6	78	− 4	24	28	77	60	.137	.156	.41	.18	4.9	4.9	6.1
April	28.502	28.840	27.977	46.0	62.7	69.9	42.4	56.2	86	30	37	38	72	46	.229	.238	2.46	.86	4.7	4.9	4.7
May	28.469	28.913	28.076	57.8	71.5	77.4	54.1	65.8	102	41	50	54	78	57	.373	.446	5.70	2.49	7.0	6.0	6.1
June	28.509	28.910	28.077	67.4	79.8	86.0	64.3	75.2	99	47	59	59	75	53	.517	.518	2.76	1.44	6.5	5.4	5.7
July	28.488	28.741	28.146	73.4	92.1	96.8	69.5	83.2	110	55	60	54	65	29	.532	.428	.15	.09	5.6	3.3	4.5
August	28.494	28.820	28.183	72.3	95.0	100.6	69.4	85.0	107	53	56	52	58	25	.465	.402	.30	.28	3.4	3.5	3.4
September	28.559	28.834	28.148	58.4	72.8	79.4	56.5	68.0	103	37	51	51	79	50	.401	.391	3.03	1.54	4.7	5.5	5.4
October	28.555	29.103	28.105	43.8	54.8	65.7	41.0	53.4	85	15	39	42	82	64	.259	.300	1.19	1.00	5.2	4.4	5.4
November	28.578	28.964	28.094	41.9	51.0	58.6	38.8	48.7	74	22	37	41	84	69	.236	.269	1.90	1.35	5.0	5.6	6.6
December	28.660	29.000	28.210	30.2	35.7	42.4	27.7	35.0	54	8	28	31	90	83	.167	.185	3.91	2.09	3.4	4.1	5.9
Year	28.543	29.103	27.752	46.8	59.6	66.8	43.4	55.1	110	−13	39	41	77	56	.291	.295	23.66	2.49	5.0	4.7	5.5

CORPUS CHRISTI, TEX.

[ϕ=27° 49′ N.; λ=97° 25′ W.]

January	30.106	30.547	29.653	50.4	55.8	61.9	46.9	54.4	76	27	46	48	85	78	0.339	0.367	0.92	0.57	5.6	5.3	6.4
February	30.032	30.369	29.466	51.8	57.1	61.9	49.6	55.8	76	35	49	52	91	83	.364	.398	2.23	1.09	6.3	6.7	6.6
March	30.054	30.529	29.529	58.3	64.4	69.4	55.8	62.6	82	37	54	55	85	76	.442	.472	2.01	1.15	7.1	4.9	5.3
April	30.035	30.313	29.702	64.1	70.1	74.5	62.3	68.4	84	48	59	60	85	71	.533	.534	1.26	.83	5.3	4.6	4.1
May	29.958	30.128	29.758	71.2	75.3	78.8	70.0	74.4	82	63	67	67	86	77	.658	.677	.76	.70	4.2	5.4	4.2
June	29.939	30.078	29.686	76.0	79.2	82.3	74.1	78.2	87	71	72	72	89	80	.798	.794	3.95	1.84	6.6	5.9	5.4
July	30.009	30.176	29.825	77.1	83.1	87.2	75.5	81.4	94	72	74	74	90	74	.832	.836	1.18	1.07	2.6	2.2	2.8
August	29.966	30.099	29.815	77.4	83.7	88.7	76.9	82.8	93	74	74	74	90	72	.836	.835	.60	.55	3.6	2.7	3.5
September	29.920	30.150	29.733	73.2	79.1	83.5	71.5	77.5	92	59	70	71	88	77	.733	.765	9.17	4.24	5.9	5.8	6.5
October	30.005	30.358	29.754	67.1	73.0	78.6	65.2	71.9	87	45	62	62	85	71	.617	.613	.43	.27	4.3	3.7	4.5
November	30.069	30.357	29.828	65.7	69.8	73.8	64.1	69.0	80	46	63	65	90	86	.594	.634	2.32	2.07	5.9	3.6	6.2
December	30.092	30.472	29.741	54.1	59.4	63.2	53.0	58.1	77	41	50	51	86	75	.384	.400	1.34	.49	6.5	5.7	6.9
Year	30.015	30.547	29.466	65.5	70.8	75.3	63.7	69.5	94	27	62	63	88	77	.594	.610	26.17	4.24	5.3	4.7	5.2

Annual meteorological summary for the year ending December 31, 1913—Continued.

COLUMBUS, OHIO.

[H=824 ft.; h_t=173 ft.; h_r=171 ft.; h_a=222 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	13.0	S.	58	NW.	3	2	1	1	13	17	9	7	12	0	7	5	19	19	18	8	5	0	2	2	0	21	2	0
February	12.2	SW.	54	W.	2	3	3	1	7	9	11	11	11	0	11	8	9	10	5	11	8	0	3	12	0	25	0	0
March	15.7	SW.	55	W.	8	0	5	0	13	10	11	12	11	0	10	12	9	16	10	10	6	0	0	3	0	16	5	0
April	13.9	NW.	42	W.	1	14	2	3	9	6	7	8	11	0	15	6	9	12	8	2	0	0	0	0	0	4	1	0
May	9.9	NW.	36	NW.	0	9	10	6	5	11	7	5	9	0	9	14	8	9	7	9	0	0	0	0	0	0	5	0
June	9.8	NE.	60	NW.	3	3	17	5	3	10	10	3	8	1	22	6	2	8	7	0	0	0	0	0	10	0	8	0
July	9.9	SW.	46	NW.	3	7	8	6	7	7	10	6	11	0	17	13	1	10	7	0	0	0	0	0	12	0	12	0
August	8.6	SE.	51	N.	1	8	7	14	12	2	6	4	9	0	17	8	6	7	5	0	0	0	0	0	8	0	5	0
September	9.3	SE.	34	W.	0	6	6	8	21	4	5	4	6	0	12	4	14	12	8	0	0	0	1	0	3	0	6	0
October	10.8	SE.	48	W.	2	3	7	6	13	3	9	5	16	0	8	7	16	12	9	3	0	0	1	0	0	4	1	0
November	11.7	SW.	48	NW.	1	5	2	4	14	15	7	7	6	0	8	4	18	15	13	3	2	0	5	1	0	9	1	0
December	10.0	SW.	47	W.	2	3	4	3	11	5	14	9	13	0	7	5	19	7	6	6	3	0	4	4	0	21	0	0
Year	11.2	SE.	60	NW.	26	63	72	57	128	99	106	81	123	1	143	92	130	137	103	43	24	0	16	22	35	100	46	0

CONCORD, N. H.

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

January	5.9	NW.	42	SW.	1	6	3	2	3	1	6	1	8	1	5	11	15	11	10	6	3	0	4	6	0	30	1	0
February	6.6	NW.	35	SW.	0	2	1	2	2	1	3	5	11	1	11	11	6	10	5	12	8	0	0	18	0	27	0	0
March	6.7	NW.	34	W.	0	6	3	2	6	4	2	3	5	0	10	4	17	14	12	5	3	1	5	2	0	21	2	0
April	6.6	NW.	30	NW.	0	8	2	3	3	2	0	4	8	0	12	6	12	12	10	5	2	0	0	0	0	7	1	0
May	5.8	NW.	25	NW.	0	4	4	4	3	2	1	2	11	0	11	10	10	11	7	1	0	0	0	0	0	1	1	0
June	5.7	NW.	23	SW.	0	7	1	3	4	1	2	3	9	0	14	10	6	3	1	0	0	0	0	0	1	0	1	0
July	5.3	NW.	28	W.	0	2	5	2	2	6	3	2	9	0	12	13	6	10	7	0	0	0	3	0	5	0	5	0
August	4.6	SE.	19	S.	0	4	6	3	3	1	6	1	15	5	8	10	10	9	6	0	0	0	7	0	3	0	7	0
September	4.8	NW.	34	S.	0	4	5	3	3	4	3	1	4	0	15	5	10	8	8	0	0	0	4	0	1	2	1	0
October	5.2	NW.	28	SW.	0	3	4	2	4	3	3	1	11	0	5	8	18	15	10	1	0	1	2	0	0	2	0	0
November	5.3	NW.	28	SE.	0	1	3	3	3	4	5	4	7	0	8	8	14	9	7	5	2	0	1	0	0	20	0	0
December	5.5	NW.	33	NW.	0	8	3	1	2	1	4	4	8	0	8	7	16	7	6	9	6	0	0	4	0	27	0	0
Year	5.7	NW.	42	SW.	1	55	43	30	38	30	38	31	97	3	126	101	138	120	93	44	24	2	26	30	10	137	19	0

CONCORDIA, KANS.

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

January	8.8	S.	30	SW.	0	14	3	0	1	18	6	6	10	4	7	14	10	3	3	5	3	0	0	11	0	27	0	0
February	6.5	N.	20	W.	0	16	3	1	3	8	8	7	7	3	5	12	11	6	5	6	6	0	0	17	0	25	0	0
March	10.6	S.	50	NW.	1	14	2	1	6	18	5	8	7	1	7	12	12	5	3	6	3	0	0	6	0	19	1	0
April	10.2	S.	33	S.	0	6	8	5	7	17	1	7	9	0	13	9	8	9	7	1	1	1	0	0	0	3	4	0
May	8.2	S.	31	SE.	0	8	7	11	7	17	2	3	5	2	4	17	10	10	7	0	0	3	0	0	5	0	10	0
June	8.5	S.	26	S.	0	4	8	8	10	28	1	1	0	0	6	15	9	6	6	0	0	0	0	0	12	0	4	0
July	8.1	S.	25	S.	0	10	7	7	5	29	2	0	2	0	9	21	1	4	2	0	0	0	0	0	26	0	5	0
August	6.9	S.	26	W.	0	8	5	7	7	25	2	1	2	5	14	17	0	3	1	0	0	0	0	0	29	0	5	0
September	6.3	S.	28	SE.	0	3	5	10	10	12	1	3	7	9	10	10	10	10	7	0	0	0	0	0	8	0	4	0
October	8.0	S.	29	N.	0	12	7	3	3	16	4	3	8	6	9	13	9	6	4	2	1	0	0	0	0	10	2	0
November	6.9	S.	30	NW.	0	9	8	1	7	16	8	5	4	2	7	9	14	8	3	0	0	0	2	0	0	7	1	0
December	5.0	S.	23	N.	0	10	9	6	6	11	8	4	7	1	9	8	14	10	9	3	2	0	9	6	0	21	0	0
Year	7.8	S.	50	NW.	1	114	72	60	72	215	48	48	68	33	100	157	108	80	57	23	16	4	11	40	80	112	36	0

CORPUS CHRISTI, TEX.

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

January	10.3	SE.	39	N.	0	17	6	3	18	4	3	0	11	0	9	4	18	12	2	0	0	0	8	0	0	3	1	0
February	10.7	N.	38	SE.	0	13	11	8	12	4	1	1	6	0	4	10	14	12	7	0	0	0	0	0	0	0	1	0
March	14.0	SE.	44	SE.	2	14	6	5	24	6	3	0	4	0	9	13	9	9	4	0	0	0	3	0	0	0	1	0
April	17.6	SE.	52	SE.	3	7	5	2	37	3	3	0	3	0	13	11	6	3	2	0	0	1	0	0	0	0	2	0
May	15.6	SE.	43	SE.	3	3	1	1	46	1	6	1	3	0	13	13	5	3	1	0	0	0	0	0	0	0	4	0
June	14.5	SE.	50	SE.	1	5	5	12	35	3	0	0	0	0	6	16	8	15	11	0	0	0	0	0	0	0	5	0
July	13.4	SE.	39	SE.	0	0	0	0	43	10	7	2	0	0	19	12	0	3	3	0	0	0	0	0	5	0	1	0
August	11.2	SE.	35	SE.	0	3	1	11	25	9	6	2	5	0	17	10	4	3	2	0	0	0	1	0	9	0	7	0
September	9.6	E.	33	SE.	0	12	1	15	11	7	3	1	10	0	2	18	10	10	8	0	0	0	0	0	3	0	6	0
October	11.7	SE.	35	N.	0	10	10	7	18	6	3	2	6	0	14	12	5	4	3	0	0	0	0	0	0	0	2	0
November	12.1	SE.	36	SE.	0	6	5	18	21	3	0	2	5	0	4	16	10	5	3	0	0	0	3	0	0	0	1	0
December	11.3	N.	40	SE.	1	26	8	5	8	0	0	3	12	0	4	11	16	7	7	0	0	0	0	0	0	0	1	0
Year	12.7	SE.	52	SE.	10	116	59	87	298	56	35	14	65	0	114	146	105	86	53	0	0	1	15	0	17	3	32	0

Annual meteorological summary for the year ending December 31, 1913—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	29.376	29.890	28.914	23.0	27.3	34.7	16.5	25.6	55	− 7	19	21	83	78	0.108	0.123	1.04	0.43	6.1	5.7	6.3
February	29.415	29.859	28.868	17.1	26.1	31.4	14.5	23.0	63	− 5	13	18	84	71	.087	.108	1.57	.86	4.3	4.4	5.2
March	29.338	29.981	28.479	28.0	36.9	44.6	24.9	34.8	69	− 9	23	29	82	73	.134	.170	1.99	.86	5.6	5.7	6.2
April	29.391	29.821	28.876	45.2	56.8	62.8	42.0	52.2	83	32	35	37	70	52	.216	.233	2.19	.73	5.0	4.1	5.0
May	29.347	29.862	28.043	56.0	64.9	70.4	51.4	60.9	88	35	48	50	76	63	.354	.386	4.89	1.34	6.2	6.1	6.1
June	29.378	29.922	29.115	66.7	79.0	83.4	62.2	72.8	97	39	57	60	72	54	.497	.557	6.09	1.59	4.3	3.4	4.0
July	29.316	29.543	28.835	71.6	84.4	88.9	67.3	78.1	102	54	62	62	73	48	.576	.571	.18	.10	3.6	3.1	3.5
August	29.341	29.578	29.065	69.3	82.6	88.5	66.5	77.5	101	56	61	63	76	54	.554	.601	2.06	1.07	4.4	4.6	4.8
September	29.402	29.668	28.978	58.3	68.9	76.0	55.9	66.0	99	38	52	54	80	62	.408	.446	1.80	.76	5.4	4.0	5.0
October	29.350	29.988	29.027	45.4	53.8	60.4	42.8	51.6	79	21	42	44	87	70	.290	.312	3.01	1.30	5.6	3.9	5.2
November	29.414	29.919	28.989	41.9	48.3	54.4	38.4	46.4	73	20	38	40	85	73	.249	.269	1.26	1.14	6.3	5.2	6.2
December	29.495	29.805	29.090	31.4	36.4	41.1	29.3	35.2	55	16	30	32	92	83	.171	.189	.54	.24	6.2	4.2	6.6
Year	29.380	29.988	28.479	46.2	55.4	61.4	42.6	52.0	102	− 9	40	42	80	65	.304	.330	26.62	1.59	5.2	4.5	5.3

DAYTON, OHIO.

[ϕ=39° 46′ N.; λ=84° 10′ W.]

January	29.092	29.663	28.350	33.9	38.3	45.7	28.1	36.9	60	8	30	33	84	82	0.177	0.200	6.66	1.03	7.8	5.5	7.8
February	29.102	29.540	28.629	22.7	30.7	35.8	19.3	27.6	63	0	18	22	81	69	.113	.130	1.32	.74	4.8	4.9	5.8
March	29.107	29.652	28.446	35.4	43.4	50.8	31.0	40.9	73	6	29	31	76	62	.180	.192	8.89	4.40	4.6	5.4	6.0
April	29.104	29.566	28.861	45.6	54.4	59.6	41.6	50.6	78	28	36	40	71	60	.222	.255	4.78	1.77	4.6	6.4	5.0
May	29.081	29.456	28.777	57.4	66.5	72.6	52.9	62.8	87	34	47	48	70	55	.341	.366	3.41	1.17	5.1	6.3	5.5
June	29.115	29.568	28.898	67.4	76.6	84.1	60.9	72.5	98	40	56	58	69	55	.482	.511	2.67	.85	2.3	4.0	3.1
July	29.057	29.241	28.809	70.8	81.1	87.4	65.8	76.6	99	55	63	63	76	56	.589	.596	2.90	1.00	4.1	4.5	3.8
August	29.070	29.219	28.881	68.7	79.1	86.1	65.3	75.7	95	54	62	61	79	58	.562	.560	1.81	1.16	4.2	4.9	4.8
September	29.149	29.379	28.769	59.0	68.3	76.5	55.0	65.8	98	34	52	55	80	66	.418	.451	2.31	.51	5.5	4.5	5.6
October	29.055	29.601	28.450	48.8	57.6	64.2	45.4	54.8	86	28	44	46	83	68	.300	.326	2.15	.71	5.1	5.5	5.5
November	29.175	29.623	28.470	42.2	49.0	54.2	39.3	46.8	72	20	37	41	84	75	.237	.277	3.98	1.02	7.0	5.9	6.3
December	29.153	29.512	28.616	33.9	37.4	42.5	29.9	36.2	60	14	31	32	89	82	.183	.192	0.72	.21	7.8	4.1	6.8
Year	29.106	29.663	28.350	48.8	56.9	63.3	44.5	53.9	99	0	42	44	78	66	.317	.338	41.60	4.40	5.2	5.2	5.5

DEL RIO, TEX.

[ϕ=29° 20′ N.; λ=100° 53′ W.]

January	29.111	29.518	28.571	40.9	.....	61.7	38.2	50.0	79	18	34	....	78	....	0.220	.....	0.45	0.33	4.9	.....	5.5
February	29.031	29.362	28.680	44.0	.....	62.8	41.2	52.0	80	29	39	....	82	....	.249	.....	.50	.29	5.8	.....	5.4
March	29.067	29.478	28.619	48.2	.....	73.8	47.0	60.4	100	28	37	....	68	....	.243	.....	.20	.13	4.4	.....	3.9
April	29.020	29.349	28.741	56.2	.....	82.1	55.4	68.8	96	38	46	....	70	....	.338	.....	.51	.38	3.4	.....	3.2
May	28.941	29.168	28.779	66.2	.....	89.7	64.7	77.2	97	55	58	....	75	....	.484	.....	.64	.39	3.3	.....	2.5
June	28.945	29.076	28.803	72.2	.....	87.7	71.0	79.4	98	65	66	....	82	....	.646	.....	5.44	2.75	7.1	.....	5.9
July	28.991	29.170	28.852	75.1	.....	95.1	73.9	84.5	99	66	67	....	76	....	.669	.....	1.52	1.52	4.2	.....	2.7
August	28.980	29.100	28.871	74.5	.....	96.6	73.8	85.2	102	68	66	....	75	....	.639	.....	.89	.83	3.0	.....	3.2
September	28.970	29.190	28.826	66.6	.....	87.8	65.4	76.6	100	50	60	....	81	....	.543	.....	1.59	.61	4.0	.....	4.4
October	28.018	29.355	28.773	58.9	.....	76.9	59.7	67.3	88	32	54	....	83	....	.460	.....	3.78	1.88	4.5	.....	4.1
November	29.075	29.421	28.831	56.4	.....	71.9	54.8	63.4	80	35	53	....	88	....	.424	.....	4.54	2.33	6.9	.....	6.7
December	29.112	29.485	28.857	45.5	.....	60.1	43.1	51.6	78	32	41	....	84	....	.275	.....	1.72	.96	5.5	.....	5.1
Year	29.022	29.518	28.571	58.7	.....	78.8	57.2	68.0	102	18	52	....	78	....	.432	.....	21.78	2.75	4.8	.....	4.4

DENVER, COLO.

[ϕ=39° 45′ N.; λ=105° 0′ W.]

January	24.625	24.879	24.299	25.6	33.3	42.1	18.6	30.4	59	−21	12	11	56	41	0.078	0.071	0.36	0.25	2.1	3.1	3.3
February	24.635	24.923	24.276	16.6	26.6	32.4	11.1	21.8	63	− 6	10	15	76	63	.071	.085	.96	.30	4.0	4.4	4.4
March	24.625	24.905	24.203	31.2	43.7	49.6	25.8	37.7	72	1	19	20	63	42	.105	.108	.59	.23	5.6	5.5	4.8
April	24.703	24.974	24.302	39.9	57.2	61.8	36.1	49.0	80	22	27	23	62	35	.147	.132	1.66	.79	5.4	5.8	5.1
May	24.705	24.902	24.458	47.7	65.7	70.1	44.9	57.5	91	34	37	37	68	39	.224	.225	1.68	.96	4.3	6.1	4.8
June	24.729	24.983	24.431	56.4	74.0	80.6	53.3	67.0	95	46	44	43	64	38	.287	.287	1.10	.76	4.3	7.1	4.9
July	24.827	25.045	24.539	60.7	77.8	84.9	58.2	71.6	99	50	47	46	63	40	.328	.330	1.76	.89	2.6	5.9	4.4
August	24.842	25.106	24.526	61.8	80.9	86.7	59.6	73.2	96	54	48	47	63	32	.343	.324	.85	.29	2.3	6.2	3.9
September	24.807	25.094	24.418	49.1	64.4	71.8	46.7	59.2	88	30	41	40	73	47	.262	.264	2.64	.90	2.7	6.0	4.2
October	24.750	25.081	24.342	38.5	51.9	59.1	33.8	46.4	77	13	28	29	66	45	.155	.166	1.17	.39	5.4	4.2	4.9
November	24.729	25.078	24.298	35.0	49.7	56.8	30.7	43.8	75	17	24	28	64	42	.126	.142	.38	.23	3.2	2.4	3.2
December	24.758	25.066	24.406	17.3	26.4	34.2	12.1	23.2	52	0	10	16	72	63	.073	.090	5.21	2.29	3.8	3.9	3.8
Year	24.728	25.106	24.203	40.0	54.3	60.8	35.9	48.4	99	−21	29	29	66	44	.183	.185	18.36	2.29	3.8	5.0	4.3

Annual meteorological summary for the year ending December 31, 1913—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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	Precipitation. 0.04 inch and over.	Snow. T. or more.	Snow. 0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	Maximum temp. 90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles		*Mi.*																									
January	8.9	SW.	27	W.	0	5	5	1	3	11	16	8	13	0	7	12	12	9	5	13	7	0	0	12	0	29	0	0
February	9.0	W.	31	W.	0	1	9	5	4	0	8	20	9	0	9	8	11	5	4	9	5	0	0	17	0	26	0	0
March	10.9	SW.	48	SW.	1	2	4	8	4	4	17	12	10	1	8	10	13	13	8	11	8	1	0	10	0	21	3	0
April	9.7	E.	30	E.	0	4	8	14	6	6	7	3	12	0	12	7	11	9	8	2	1	1	0	0	0	1	3	0
May	8.1	E.	30	SE.	0	3	6	15	5	5	11	7	10	0	7	11	13	16	14	0	0	0	0	0	0	0	7	0
June	7.0	SW.	28	W.	0	1	5	16	2	6	22	6	2	0	15	8	7	11	10	0	0	1	0	0	11	0	9	0
July	7.1	SW.	27	W.	0	4	4	11	9	4	17	7	6	0	19	9	3	4	1	0	0	0	0	0	14	0	5	0
August	6.4	E.	25	W.	0	4	6	21	3	5	9	7	7	0	10	13	8	8	8	0	0	0	0	0	12	0	11	0
September	6.8	E.	25	E.	0	3	3	25	6	2	5	6	7	3	12	7	11	9	9	0	0	0	0	0	6	0	3	0
October	7.2	NW.	25	W.	0	6	5	6	11	4	10	6	14	0	12	7	12	9	8	6	2	0	0	0	0	9	1	0
November	7.8	SW.	29	SW.	0	1	4	10	1	7	18	8	10	1	9	5	16	9	4	1	0	0	0	0	0	7	0	0
December	5.8	SW.	30	NW.	0	7	6	11	2	1	17	9	9	0	9	4	18	3	3	8	1	0	2	7	0	20	0	0
Year	7.9	SW.	48	SW.	1	41	65	143	56	55	157	99	109	5	129	101	135	105	82	50	24	3	2	46	43	113	42	0

DAYTON, OHIO.

[H=159 ft.; h_t=181 ft.; h_r=176 ft.; h_a=216 ft.]

January	13.7	S.	46	S.	3	7	3	1	4	19	13	5	10	0	4	6	21	19	18	8	7	0	1	2	0	21	0	0
February	11.8	SW.	44	SW.	1	8	2	3	2	12	11	10	8	0	9	7	12	10	5	11	8	0	3	12	0	25	0	0
March	16.0	SW.	58	SW.	6	3	2	1	6	11	11	10	5	0	9	11	11	17	12	11	5	0	4	5	0	16	5	0
April	13.6	N.	40	N.	1	12	10	5	3	9	6	6	9	0	10	11	9	9	8	0	0	1	2	0	0	3	2	0
May	9.4	S.	43	SW.	1	9	10	5	2	14	9	3	10	0	13	3	15	8	6	0	0	0	0	0	0	0	6	0
June	9.0	NE.	42	NW.	1	4	16	4	5	4	15	8	3	1	19	6	5	10	7	0	0	0	0	0	10	0	10	0
July	9.5	SW.	54	NW.	1	10	9	6	5	5	12	2	12	1	16	13	2	11	11	0	0	0	0	0	11	0	9	0
August	7.7	N.	36	N.	0	14	10	6	4	5	9	8	5	1	12	12	7	8	6	0	0	0	0	0	7	0	8	0
September	8.6	NE.	34	SW.	0	10	14	3	9	11	5	4	4	0	9	9	12	13	9	0	0	0	1	0	6	0	5	0
October	9.6	SE.	44	NW.	1	6	5	7	9	9	11	8	7	0	11	9	11	10	8	3	2	0	1	0	0	5	0	0
November	11.7	S.	36	NW.	0	4	7	0	6	18	10	7	7	1	10	4	16	13	12	2	1	0	1	2	0	9	2	0
December	9.5	SW.	41	W.	1	11	5	3	9	6	14	6	8	0	7	6	18	8	6	4	3	0	2	5	0	21	0	0
Year	10.8	SW.	58	SW	16	98	93	44	64	123	126	77	88	4	129	97	139	136	108	39	26	1	15	26	34	100	47	0

DEL RIO, TEX.

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

January	5.3	SE.	24	NW.	0	2	2	8	5	0	0	4	10	0	13	3	15	6	3	0	0	0	2	0	0	10	2	0
February	5.1	SE.	44	W.	1	4	2	9	6	0	0	2	5	0	10	8	10	7	3	0	0	0	1	0	0	3	1	0
March	8.5	SE.	42	NW.	1	3	3	7	10	0	1	4	3	0	18	5	8	5	2	0	0	0	0	0	2	2	0	0
April	9.9	SE.	42	SE.	1	6	3	14	5	0	0	0	2	0	20	5	5	4	3	0	0	0	0	0	4	0	2	0
May	9.4	SE.	33	E.	0	0	4	21	5	0	0	1	0	0	22	8	1	5	4	0	0	0	0	15	0	2	2	0
June	8.5	SE.	26	E.	0	0	1	16	11	0	1	1	0	0	3	20	7	10	8	0	0	0	0	11	0	4	0	0
July	8.8	SE.	26	NE.	0	0	3	19	9	0	0	0	0	0	22	6	3	1	1	0	0	0	0	30	0	1	0	0
August	6.8	E.	25	NE.	0	2	3	22	2	0	0	1	1	0	18	11	2	3	3	0	0	0	0	30	0	4	0	0
September	7.5	SE.	33	NE.	0	1	1	11	5	1	1	2	8	0	12	12	6	9	7	0	0	0	0	12	0	0	0	0
October	6.9	SE.	42	NW.	1	3	2	12	7	0	1	1	5	0	16	8	7	7	7	0	0	0	0	0	0	0	2	0
November	7.6	SE.	32	NW.	0	0	1	8	12	1	0	1	7	0	7	8	15	11	7	0	0	0	0	0	0	0	1	0
December	6.4	SE	42	NW.	1	3	1	9	5	0	1	2	10	0	13	7	11	9	4	0	0	0	2	0	0	0	2	0
Year	7.6	E.	44	W.	5	24	26	156	82	2	5	19	51	0	174	101	90	77	52	0	0	0	5	0	104	15	21	0

DENVER, COLO.

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

January	8.8	SW.	42	NW.	1	6	9	3	3	12	17	3	9	0	17	12	2	6	3	11	6	0	0	6	0	26	0	0
February	9.9	SW.	29	E.	0	7	16	1	3	12	10	2	5	0	12	10	6	13	7	15	13	0	0	17	0	26	0	0
March	9.4	SW.	51	NE.	2	11	10	3	4	4	23	3	4	0	11	14	6	6	6	8	4	0	0	7	0	24	0	0
April	8.6	SW.	46	NE.	1	12	6	3	4	11	18	2	4	0	9	13	8	12	7	7	7	0	2	1	0	11	4	0
May	7.8	SW.	32	NE.	0	7	14	2	3	9	21	1	5	0	15	9	7	8	5	1	0	1	0	0	1	0	7	0
June	8.3	SW.	44	SW.	1	8	4	4	5	12	17	5	5	0	9	18	3	7	5	0	0	1	0	0	4	0	11	0
July	7.8	SW.	41	NE.	1	12	5	1	6	7	22	3	6	0	12	13	6	11	6	0	0	0	1	0	10	0	12	0
August	7.2	SW.	38	NW.	0	2	7	5	5	15	16	4	8	0	14	15	2	11	5	0	0	1	0	0	8	0	14	0
September	7.0	S.	40	NW.	1	10	8	3	5	12	14	4	4	0	13	13	4	13	11	2	2	0	0	0	0	3	16	0
October	7.8	SW.	36	SW.	0	5	5	5	4	14	15	6	7	1	7	19	5	11	11	0	6	0	0	0	0	11	2	0
November	6.7	S.	32	NW.	0	13	3	3	1	16	13	4	6	1	20	8	2	3	3	2	2	0	0	1	0	19	0	0
December	8.6	S.	44	N.	2	13	1	1	2	30	9	3	3	0	17	8	6	7	6	7	7	0	0	10	0	31	0	0
Year	7.9	SW.	51	NE.	9	106	88	34	45	154	195	40	66	2	156	152	57	108	75	60	47	3	3	42	23	151	60	0

Annual meteorological summary for the year ending December 31, 1918—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.		
	Month,y 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.	Totals.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.122	29.655	28.680	18.5	25.4	33.4	13.6	23.5	55	− 9	12	16	74	68	0.085	0.101	1.10	0.41	4.1	4.8	5.0
February	29.165	29.627	28.693	16.1	26.9	31.7	13.1	22.4	65	− 7	12	15	80	59	.082	.094	.65	.52	4.4	3.3	5.5
March	29.064	29.627	28.093	27.8	37.7	44.4	24.4	34.4	68	−10	22	26	79	64	.132	.154	3.03	1.55	5.9	5.3	6.6
April	29.103	29.435	28.516	44.8	57.0	62.6	41.4	52.0	85	32	36	37	73	52	.218	.233	3.41	1.05	4.8	5.1	5.2
May	29.074	29.553	28.757	55.3	65.7	70.3	52.3	61.3	96	41	48	50	77	61	.345	.383	5.06	1.63	6.6	5.2	6.4
June	29.099	29.616	28.733	66.4	78.5	83.0	63.2	73.1	96	44	57	59	71	54	.487	.539	3.52	2.02	4.6	3.3	4.1
July	29.054	29.287	28.675	71.0	85.0	89.0	67.5	78.2	101	56	61	62	72	47	.555	.566	1.05	.80	3.9	2.8	3.3
August	29.068	29.332	28.746	69.7	84.5	90.6	66.8	78.7	103	53	60	62	74	50	.540	.581	3.44	2.49	4.8	4.1	4.2
September	29.130	29.371	28.819	58.2	69.4	76.0	55.8	65.9	99	32	51	53	77	58	.396	.425	2.65	1.10	5.4	4.7	5.0
October	29.093	29.728	28.682	44.3	54.1	60.9	41.5	51.2	84	20	38	40	79	59	.259	.287	2.67	.77	5.4	4.2	4.8
November	29.136	29.579	28.670	41.6	49.5	54.8	38.5	46.6	73	20	36	37	79	65	.229	.250	1.03	.45	5.2	5.1	6.3
December	29.232	29.567	28.853	29.1	36.4	41.6	26.5	34.0	56	6	26	30	87	79	.152	.179	1.05	.81	5.5	4.6	5.6
Year	29.112	29.728	28.093	45.2	55.8	61.5	42.0	51.8	103	−10	38	41	77	60	.290	.316	28.66	2.49	5.0	4.4	5.2

DETROIT, MICH.

[ϕ=42° 20′ N.; λ=83° 03′ W.]

January	29.227	29.830	28.394	28.2	30.8	36.7	23.9	30.3	54	12	25	26	86	80	0.141	0.143	3.95	0.86	7.2	7.0	7.7
February	29.226	29.627	28.733	18.9	23.2	28.7	14.1	21.4	58	−2	15	17	84	77	.094	.101	1.24	.41	7.3	4.6	6.5
March	29.216	29.829	28.455	29.8	34.7	42.9	24.6	33.8	68	2	25	27	81	74	.150	.165	5.63	1.37	6.4	6.4	5.6
April	29.281	29.750	28.921	42.9	48.9	56.6	38.1	47.4	78	28	35	36	75	63	.214	.222	2.87	1.20	4.7	5.2	5.3
May	29.262	29.672	28.992	53.2	59.5	67.2	47.5	57.4	84	33	44	46	73	63	.303	.333	4.57	1.47	5.5	5.2	5.7
June	29.286	29.817	29.050	64.2	72.4	79.8	58.1	69.0	95	39	53	55	69	56	.436	.468	1.42	.84	3.5	3.4	3.2
July	29.214	29.454	28.772	68.8	74.3	82.3	63.5	72.9	95	50	59	59	72	61	.527	.511	4.48	1.85	3.8	4.8	4.4
August	29.257	29.488	29.011	66.8	73.0	81.4	62.5	72.0	93	51	59	60	76	65	.503	.532	2.13	.97	4.2	4.3	4.5
September	29.335	29.673	28.800	57.9	63.5	70.9	53.7	62.3	95	37	51	50	80	63	.395	.374	1.18	.65	5.4	4.6	5.3
October	29.207	29.722	28.600	49.4	53.4	59.9	46.4	53.2	82	30	45	45	84	75	.311	.324	3.94	.83	7.3	5.6	6.8
November	29.294	29.685	28.325	39.9	44.2	50.2	37.0	43.6	69	19	35	38	84	79	.220	.243	1.76	.36	5.5	7.4	6.7
December	29.290	29.561	28.594	31.7	34.7	39.5	29.1	34.3	57	18	28	29	85	80	.158	.167	.99	.42	7.2	5.9	7.5
Year	29.258	29.830	28.325	46.0	51.0	58.0	41.5	49.8	95	−2	40	41	79	70	.288	.299	34.16	1.85	5.7	5.4	5.8

DEVILS LAKE, N. DAK.

[ϕ=48° 7′ N.; λ=98° 52′ W.]

January	28.365	28.955	27.771	−4.2	0.0	8.5	−11.2	−1.4	36	−32	−6	−2	92	88	0.036	0.43	0.38	0.16	3.9	5.0	5.2
February	28.419	28.782	28.053	.2	7.5	13.8	− 5.6	4.1	33	−24	−2	4	90	85	.047	.055	.02	.02	6.1	6.0	5.7
March	28.404	28.756	27.745	7.1	17.0	23.5	3.0	13.2	48	−19	4	12	86	81	.061	.086	.54	.12	6.1	5.5	5.8
April	28.415	28.766	27.860	37.0	50.4	56.9	34.4	45.6	84	25	31	32	78	54	.172	.185	.83	.39	4.0	4.3	4.4
May	28.420	28.993	28.040	43.8	57.3	61.8	38.6	50.2	92	26	37	37	78	49	.235	.231	.88	.29	6.2	5.7	6.1
June	28.360	28.896	27.876	58.8	73.0	78.1	52.5	65.3	96	34	50	50	73	47	.374	.381	1.28	.35	4.2	3.6	3.4
July	28.376	28.750	27.766	58.2	70.4	75.7	52.6	64.2	95	44	53	52	83	55	.405	.404	1.47	.37	4.8	4.7	5.1
August	28.416	28.707	28.053	59.0	74.0	80.3	54.8	67.6	95	46	54	54	83	53	.420	.430	3.93	1.10	4.0	3.9	4.2
September	28.438	28.868	27.912	46.5	60.2	69.0	43.7	56.4	88	25	42	44	84	57	.283	.310	2.17	1.11	3.7	4.4	4.1
October	28.403	28.875	27.908	30.7	39.4	48.0	27.8	37.9	78	8	27	30	85	69	.149	.172	1.40	.54	5.3	5.7	6.0
November	28.364	28.776	27.855	27.9	33.0	41.4	23.7	32.6	59	10	24	26	84	74	.127	.139	.17	.14	7.0	4.6	5.1
December	28.498	28.893	28.016	15.5	22.8	30.7	11.5	21.1	50	−13	12	17	87	76	.080	.096	.06	.06	3.9	2.1	4.1
Year	28.406	28.993	27.745	31.7	42.1	49.0	27.2	38.1	96	−32	27	30	84	66	.199	.211	13.13	1.11	4.9	4.6	4.9

DODGE CITY, KANS.

[ϕ=37° 45′ N.; λ=100° 00′ W.]

January	27.425	27.852	26.972	21.5	31.4	42.8	16.1	29.4	69	−14	14	16	73	54	0.086	0.094	0.28	0.21	3.4	3.4	4.0
February	27.417	27.805	26.984	16.2	28.2	36.3	13.4	24.8	69	− 6	11	15	78	60	.071	.088	.68	.28	5.2	4.2	4.9
March	27.380	27.710	26.738	29.2	45.5	54.2	25.7	40.0	84	2	22	26	75	50	.125	.140	.23	.19	4.8	4.1	4.2
April	27.376	27.724	26.840	43.2	62.8	70.7	41.0	55.8	87	28	33	35	69	42	.196	.210	2.12	1.68	3.6	4.6	4.2
May	27.340	27.806	26.994	57.1	74.7	80.5	54.1	67.3	98	39	49	49	75	43	.347	.349	.81	.57	4.2	4.2	4.3
June	27.398	27.697	26.994	64.6	77.0	83.3	61.7	72.5	97	48	59	58	84	55	.507	.496	2.02	1.19	5.4	5.6	5.4
July	27.400	27.647	27.083	69.8	88.7	93.8	67.6	80.7	105	61	60	54	72	33	.515	.431	.70	.26	3.8	3.0	3.4
August	27.400	27.735	27.094	69.4	90.2	97.0	67.7	82.4	102	55	55	51	62	28	.447	.382	.72	.36	2.0	2.2	2.7
September	27.447	27.710	26.913	55.2	69.1	76.1	53.6	64.8	97	38	50	52	86	60	.383	.406	5.40	1.90	4.2	5.0	4.6
October	27.435	27.878	27.004	42.8	54.6	66.2	39.4	52.8	88	14	39	41	86	62	.260	.276	.30	.19	4.2	3.3	3.9
November	27.421	27.801	26.914	39.6	49.2	58.7	37.3	48.0	79	26	36	39	87	70	.220	.245	2.14	1.51	4.6	3.8	4.8
December	27.476	27.809	26.969	28.4	34.8	41.3	25.9	33.6	57	11	25	28	84	76	.143	.163	1.88	.70	4.5	5.3	5.4
Year	27.410	27.878	26.738	44.8	58.8	66.7	42.0	54.3	105	−14	38	39	78	53	.275	.278	17.28	1.90	4.2	4.1	4.3

Annual meteorological summary for the year ending December 31, 1913—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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	SW.	37	SW.	0	10	2	0	3	9	15	6	17	0	11	11	9	7	7	10	6	0	2	12	0	29	0	0
February	8.1	NW.	30	SW.	0	13	2	1	2	8	10	8	12	0	10	6	12	7	3	9	7	0	0	17	0	27	0	0
March	11.0	SW.	45	SW.	2	10	0	5	5	7	16	4	15	0	5	10	16	11	7	10	6	2	0	8	0	22	2	0
April	9.7	S.	42	SW.	2	11	2	10	8	12	5	2	9	1	13	4	13	11	10	2	2	0	0	0	0	2	5	0
May	8.1	SW.	33	SW.	0	9	7	8	6	9	8	5	10	0	7	11	13	16	14	0	0	0	1	0	1	0	12	0
June	8.2	SW.	38	SW.	0	4	4	11	6	16	16	1	2	0	13	11	6	8	7	0	0	0	0	7	0	8	0	0
July	7.3	SW.	32	SW.	0	13	1	3	4	14	13	9	5	0	18	9	4	5	3	0	0	0	0	0	12	0	4	0
August	6.3	E.	33	N.	0	6	2	18	6	6	12	5	7	0	13	11	7	6	3	0	0	0	0	0	19	0	9	0
September	7.2	SE.	39	SW.	0	9	3	9	16	7	6	4	6	0	11	11	8	11	8	0	0	0	0	0	7	0	5	0
October	8.0	NW.	40	SW.	1	9	3	5	3	16	7	3	16	0	13	10	8	12	9	4	1	1	0	0	0	10	4	0
November	8.5	SW.	37	SW.	0	6	2	7	8	10	16	3	8	0	8	8	14	10	5	0	0	0	3	0	0	9	0	0
December	5.7	SW.	25	NW.	0	11	9	3	2	5	23	3	6	0	10	8	13	6	4	7	2	0	1	8	0	23	0	0
Year	8.1	SW.	45	SW.	5	111	37	80	69	119	147	53	113	1	132	110	123	110	80	42	24	3	7	45	46	122	49	0

DETROIT, MICH.

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

January	12.8	SW.	43	NW.	2	4	6	3	3	7	16	11	12	0	5	5	21	16	13	13	7	0	2	11	0	27	0	0
February	16.0	W.	48	W.	3	7	4	1	6	2	7	24	5	0	4	11	13	13	5	17	12	0	1	19	0	28	0	0
March	15.2	SW.	86	W.	8	4	6	2	4	8	16	12	10	0	10	11	10	18	15	12	9	0	0	7	0	21	1	0
April	14.9	NE.	62	W.	5	14	13	6	1	6	7	8	5	0	12	6	12	10	9	1	0	1	0	0	0	7	3	0
May	10.5	SW.	37	E.	0	5	11	10	8	5	11	9	3	0	7	14	10	9	7	0	0	0	0	0	0	0	4	0
June	10.9	NE.	69	NW.	1	7	10	10	0	9	11	8	5	0	17	9	4	8	6	0	0	1	0	0	4	0	7	0
July	10.6	N.	48	W.	3	18	1	6	8	10	6	7	6	0	12	17	2	12	9	0	0	0	0	0	6	0	9	0
August	10.6	E.	40	NE.	1	6	10	17	2	9	8	7	3	0	11	16	4	6	4	0	0	0	0	0	3	0	7	0
September	11.0	E.	35	S.	0	5	7	11	8	10	9	6	4	0	10	10	10	8	6	0	0	0	1	0	1	0	3	0
October	10.8	S.	34	W.	0	12	5	3	7	10	8	7	10	0	5	13	13	14	13	2	1	0	0	0	0	2	1	0
November	13.4	SW.	52	NW.	4	2	3	8	1	6	20	9	11	0	8	6	16	13	10	4	3	0	3	2	0	10	0	0
December	13.2	W.	38	NW.	0	11	5	4	2	2	12	21	5	0	4	8	19	6	4	8	3	0	3	7	0	22	0	0
Year	12.5	SW.	86	W.	27	95	81	81	50	84	131	129	79	0	105	126	134	133	101	57	35	2	10	46	14	117	35	0

DEVILS LAKE, N. DAK.

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

January	11.1	NW.	35	NW.	0	6	5	4	10	7	2	11	17	0	12	8	11	9	3	14	9	0	0	29	0	31	0	0
February	12.7	W.	44	NW.	1	4	9	4	2	3	7	18	9	0	9	8	11	1	0	11	1	0	1	23	0	28	0	0
March	12.7	W.	43	NE.	2	13	9	5	3	4	6	15	7	0	9	9	13	9	7	13	8	0	0	21	0	30	0	0
April	12.5	SE.	36	W.	0	11	2	6	18	7	5	1	10	0	14	8	8	8	5	4	3	0	0	0	0	15	1	0
May	10.8	NE.	33	NW.	0	5	14	7	9	3	4	10	10	0	8	8	15	10	5	0	0	1	1	0	1	9	6	0
June	12.8	S.	36	W.	0	2	11	8	8	13	5	9	4	0	17	9	4	11	6	0	0	0	0	0	3	0	9	0
July	10.5	W.	40	W.	1	5	6	4	14	6	5	7	15	0	13	9	9	12	8	0	0	0	2	0	0	1	11	0
August	10.3	SE.	38	NE.	0	5	9	6	16	4	7	8	7	0	17	7	7	10	7	0	0	0	1	0	3	0	9	0
September	10.2	SE.	40	W.	1	7	4	6	11	8	7	9	8	0	15	9	6	9	4	0	0	0	2	0	0	3	3	1
October	11.8	W.	46	N.	2	10	8	1	5	13	4	10	11	0	8	10	13	9	5	8	3	1	0	5	0	22	1	0
November	10.3	S.	30	N.	0	5	3	2	12	12	9	11	6	0	10	12	8	4	1	0	0	0	1	4	0	29	0	0
December	9.3	W.	36	NW.	0	7	0	2	10	6	12	15	10	0	16	8	7	1	1	4	1	0	1	18	0	31	0	0
Year	11.2	W.	46	N.	7	80	80	55	118	86	73	124	114	0	148	105	112	93	52	54	25	4	7	103	8	198	40	1

DODGE CITY, KANS.

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

January	12.1	S.	36	NW.	0	8	5	1	10	10	5	12	11	0	16	9	6	3	2	5	3	0	0	8	0	30	0	0
February	8.8	N.	30	N.	0	10	7	4	7	6	7	7	8	0	10	11	7	9	7	11	9	0	0	16	0	27	0	0
March	14.2	NW.	52	SW.	3	9	6	2	16	5	5	8	10	1	16	10	5	2	2	5	1	0	0	4	0	22	0	0
April	14.6	NW.	48	S.	4	2	4	4	13	11	5	8	13	0	15	9	6	7	4	3	2	1	0	0	0	6	1	0
May	12.3	SE.	42	SE.	3	6	6	5	24	8	6	1	6	0	14	12	5	11	3	0	0	1	2	0	0	6	0	0
June	12.4	SE.	36	SE.	0	5	8	4	26	13	3	0	1	0	10	15	5	12	7	0	0	2	0	0	8	0	7	0
July	12.4	S.	42	S.	2	6	6	2	12	31	3	2	0	0	19	11	1	8	5	0	0	1	0	0	22	0	9	0
August	9.5	S.	36	N.	0	3	4	4	23	16	3	4	5	0	21	8	2	5	4	0	0	0	0	0	29	0	4	0
September	9.3	SE.	42	NE.	1	7	3	5	19	5	6	8	7	0	12	10	8	10	8	0	0	0	0	0	0	8	4	0
October	10.0	NW.	47	N.	1	9	3	3	16	8	3	7	13	0	16	11	4	4	3	2	1	1	0	0	0	8	2	0
November	10.2	S.	38	N.	0	10	4	5	12	12	2	8	7	0	14	5	11	6	5	0	0	0	4	0	0	7	1	0
December	8.3	NW.	38	NW.	0	8	1	6	8	9	7	7	16	0	13	3	15	13	9	9	7	0	3	8	0	23	0	0
Year	11.2	SE.	52	SW.	14	83	57	45	186	134	55	72	97	1	176	114	75	90	59	35	23	6	9	36	74	123	34	0

Annual meteorological summary for the year ending December 31, 1913—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	29.295	29.795	28.828	19.4	23.5	32.3	13.1	22.7	53	−7	15	17	83	75	0.092	0.103	1.11	0.43	6.8	4.7	6.5
February	29.322	29.754	28.766	15.1	24.0	28.8	12.0	20.4	60	−7	10	17	79	73	.075	.103	.82	.62	3.8	4.4	4.9
March	29.245	29.866	28.338	26.6	34.2	42.5	23.2	32.8	61	−10	22	27	82	74	.126	.155	2.81	1.10	7.0	6.3	7.3
April	29.319	29.764	28.787	43.6	56.0	61.0	40.9	51.0	80	31	35	36	71	50	.209	.229	1.70	.83	5.4	4.9	5.2
May	29.275	29.805	28.964	54.4	63.3	67.9	50.5	59.2	88	37	46	49	74	62	.327	.361	8.20	2.13	6.5	6.5	6.9
June	29.306	29.847	28.996	65.7	77.2	81.8	60.9	71.4	96	40	57	59	73	54	.493	.531	1.92	.70	4.2	3.9	4.4
July	29.240	29.448	28.788	69.2	80.9	85.5	64.6	75.0	100	55	61	62	75	55	.545	.573	2.31	1.09	4.1	3.8	4.4
August	29.272	29.475	29.022	67.3	77.9	84.5	63.8	74.2	98	52	60	63	79	63	.536	.603	3.60	2.28	5.7	5.2	5.7
September	29.331	29.618	28.894	56.3	67.0	73.3	53.8	63.6	97	36	50	53	81	62	.384	.429	3.59	1.01	5.2	4.4	5.3
October	29.273	29.881	28.922	44.1	51.9	58.3	41.3	49.8	78	22	39	41	83	68	.263	.290	2.92	.83	6.0	3.4	5.8
November	29.324	29.787	28.842	39.8	46.3	51.9	36.5	44.2	70	19	34	36	78	68	.212	.231	1.23	.56	6.4	5.3	6.5
December	29.409	29.693	29.053	29.4	35.3	40.9	27.4	34.2	58	15	27	29	89	76	.151	.164	.34	.33	5.5	4.2	5.8
Year	29.301	29.881	28.338	44.2	53.1	59.1	40.7	49.9	100	−10	38	41	79	65	.284	.314	30.55	2.28	5.6	4.8	5.7

DULUTH, MINN.

[ϕ=46° 47′ N.; λ=92° 6′ W.]

January	28.729	29.352	28.253	3.5	7.5	16.3	−3.7	6.3	38	−28	1	3	89	80	0.049	0.053	0.75	0.26	6.5	4.6	6.2
February	28.770	29.165	28.477	1.1	9.0	14.2	−3.0	5.6	31	−25	−2	4	86	78	.045	.055	1.09	.30	5.8	4.4	5.6
March	28.720	29.163	28.222	12.8	20.0	25.3	8.6	17.0	48	−25	11	14	90	80	.080	.091	3.25	.79	5.7	6.6	6.2
April	28.846	29.287	28.335	36.4	42.7	48.7	32.0	40.4	79	23	29	29	75	61	.164	.167	1.75	.67	4.3	3.9	4.1
May	28.802	29.310	28.438	42.7	47.9	55.2	37.1	46.2	81	29	37	34	82	63	.228	.206	4.82	1.16	6.3	6.5	6.8
June	28.807	29.381	28.413	57.3	62.0	69.8	48.8	59.3	88	37	49	47	75	62	.366	.342	2.03	.75	4.3	3.1	4.1
July	28.756	29.012	28.182	58.1	62.9	69.1	51.7	60.4	82	43	53	52	84	71	.406	.397	6.18	2.33	5.0	5.4	6.2
August	28.815	29.084	28.507	58.6	62.9	70.4	53.9	62.2	84	48	54	56	87	80	.430	.454	1.26	.29	5.8	5.4	7.0
September	28.863	29.249	28.404	49.6	54.1	61.8	46.0	53.9	80	28	44	46	83	74	.308	.316	3.32	1.22	5.3	5.2	5.3
October	28.757	29.280	28.302	36.6	41.7	49.0	32.4	40.7	77	14	31	33	81	72	.193	.201	3.33	1.44	6.0	5.6	6.3
November	28.779	29.142	28.152	31.0	36.0	43.4	27.7	35.6	62	6	27	30	84	77	.153	.171	.74	.38	6.7	5.3	6.0
December	28.861	29.213	28.616	22.4	27.8	34.1	19.3	26.7	53	3	20	21	88	75	.108	.115	.17	.16	5.3	4.3	5.2
Year	28.792	29.381	28.152	34.2	39.5	46.4	29.2	37.9	88	−28	30	31	84	73	.211	.214	28.69	2.33	5.6	5.0	5.8

DURANGO, COLO.

[ϕ=37° 16′ N.; λ=107° 52′ W.]

January	23.611	23.922	22.923	11.7	28.5	36.5	6.9	21.7	48	−13	6	14	77	52	0.057	0.060	0.78	0.40	2.9	3.6	4.1
February	23.516	23.826	23.152	18.4	33.8	39.5	15.7	27.6	55	0	14	20	82	57	.083	.106	2.75	.72	4.4	4.6	5.5
March	23.595	23.846	23.181	21.1	40.3	44.9	18.7	31.8	69	−4	15	20	75	45	.088	.109	2.45	1.30	3.5	5.4	4.9
April	23.628	23.881	23.337	31.7	55.7	60.3	30.7	45.5	70	18	21	18	64	27	.115	.103	.77	.29	3.5	4.9	4.4
May	23.633	23.828	23.314	39.1	68.3	72.5	37.9	55.2	83	28	24	22	53	18	.130	.121	.74	.67	3.4	4.9	4.1
June	23.675	23.823	23.435	45.7	72.1	77.9	44.2	61.0	85	37	36	36	68	31	.212	.218	1.69	.96	3.4	6.2	4.9
July	23.782	23.950	23.573	50.7	77.0	84.0	49.8	66.9	94	39	41	39	71	32	.270	.254	2.47	.69	4.5	5.5	4.5
August	23.804	24.023	23.557	52.5	74.6	84.2	51.8	68.0	89	43	44	46	74	40	.296	.317	1.07	.44	4.2	7.0	5.3
September	23.728	23.933	23.393	42.9	62.8	70.8	41.6	56.2	81	29	37	38	80	45	.232	.241	2.40	.76	3.5	6.2	5.1
October	23.681	23.962	23.413	32.8	52.5	61.2	30.6	45.9	70	19	23	24	65	36	.126	.137	1.59	.86	3.4	3.7	3.3
November	23.690	24.080	23.358	32.0	42.5	50.6	29.5	40.0	85	20	28	32	83	67	.153	.178	3.36	1.11	4.5	5.4	6.0
December	23.642	23.923	23.308	13.8	26.0	34.1	10.2	22.2	46	−8	8	17	77	66	.065	.093	2.67	.82	3.5	6.0	5.8
Year	23.665	24.080	22.923	32.7	52.8	59.7	30.6	45.2	94	−13	25	27	72	43	.152	.163	22.74	1.30	3.7	5.3	4.8

DUTCH HARBOR, ALASKA.

[ϕ=53° 54′ N.; λ=166° 32′ W.]

January	29.78	30.66	28.72	.....	.....	36.8	28.3	32.6	44	16	.....	.....	.....	.....	.....	.....	4.16	0.92	.....	.....	.....
February	29.58	30.04	28.80	.....	.....	39.3	32.1	35.7	44	26	.....	.....	.....	.....	.....	.....	9.82	2.54	.....	.....	.....
March	29.56	30.30	28.70	.....	.....	41.8	32.2	37.0	46	24	.....	.....	.....	.....	.....	.....	11.84	3.20	.....	.....	.....
April	29.82	30.62	29.12	.....	.....	39.7	31.7	35.7	50	24	.....	.....	.....	.....	.....	.....	2.48	.82	.....	.....	.....
May	29.80	30.58	29.12	.....	.....	44.9	34.9	39.9	52	28	.....	.....	.....	.....	.....	.....	4.00	.60	.....	.....	.....
June	29.77	30.36	29.12	.....	.....	51.9	42.1	47.0	62	32	.....	.....	.....	.....	.....	.....	3.50	1.20	.....	.....	.....
July	29.98	30.36	29.60	.....	.....	55.2	44.7	50.0	62	40	.....	.....	.....	.....	.....	.....	2.80	.96	.....	.....	.....
August	30.01	30.56	29.54	.....	.....	56.1	45.4	50.8	66	34	.....	.....	.....	.....	.....	.....	2.94	.74	.....	.....	.....
September	29.80	30.24	29.14	.....	.....	51.7	41.3	46.5	60	30	.....	.....	.....	.....	.....	.....	8.46	1.84	.....	.....	.....
October	29.76	30.28	28.92	.....	.....	46.5	35.1	40.8	56	24	.....	.....	.....	.....	.....	.....	7.28	1.96	.....	.....	.....
November	29.68	30.54	28.86	.....	.....	40.7	31.6	36.2	52	24	.....	.....	.....	.....	.....	.....	5.00	.70	.....	.....	.....
December	29.35	30.12	28.72	.....	.....	33.6	25.6	29.6	40	12	.....	.....	.....	.....	.....	.....	9.82	3.00	.....	.....	.....
Year	29.74	30.66	28.70	.....	.....	44.8	35.4	40.2	66	12	.....	.....	.....	.....	.....	.....	72.10	3.20	.....	.....	.....

Annual meteorological summary for the year ending December 31, 1913—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.	Wind. By self-register. Prevailing direction.	Wind. By self-register. Maximum velocity.	Wind. By self-register. Direction at time of maximum velocity.	Wind. By self-register. Days with 40 miles and over.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	Precipitation. 0.04 inch and over.	Snow. T. or more.	Snow. 0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	Maximum temp. 90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Electricity. Auroras.
	Miles		*Mi.*																									
January	7.7	S.	23	NW.	0	9	0	0	4	22	1	2	24	0	6	10	15	9	6	16	8	0	2	13	0	29	0	0
February	7.3	NW.	20	S.	0	7	2	1	5	10	7	6	18	0	10	9	9	4	4	4	4	0	1	17	0	26	0	0
March	8.2	S.	23	NW.	0	6	4	1	8	18	4	7	14	0	2	13	16	10	6	14	6	0	1	10	0	22	2	0
April	6.8	S.	24	SE.	0	9	6	5	8	12	6	1	12	1	13	5	12	7	6	2	1	0	0	0	0	1	2	0
May	6.8	S.	22	SE.	0	3	8	6	7	16	6	3	13	0	5	12	14	13	12	0	0	0	0	0	0	0	5	0
June	5.8	S.	18	SW.	0	3	5	5	13	18	9	2	5	0	12	14	4	8	7	0	0	1	0	0	8	0	5	0
July	6.3	S.	24	SE.	0	5	7	2	14	14	4	3	13	0	14	12	5	7	5	0	0	0	0	0	8	0	7	0
August	5.4	S.	25	NW.	0	13	10	5	12	10	1	1	10	0	10	10	11	10	7	0	0	0	1	0	8	0	8	0
September	5.6	S.	22	NW.	0	3	4	3	10	20	4	2	14	0	13	5	12	11	8	0	0	0	2	0	5	0	6	0
October	6.4	S.	24	SW.	0	8	2	2	8	17	2	5	18	0	12	5	14	13	9	5	3	1	2	0	0	9	2	0
November	6.6	S.	30	N.	0	5	4	5	1	29	9	5	11	0	8	7	15	8	4	1	0	0	2	1	0	11	1	0
December	4.8	NW.	29	N.	0	10	6	2	3	15	6	5	15	0	12	6	13	2	1	3	0	0	3	3	0	21	0	0
Year	6.5	S.	30	N.	0	81	58	37	93	192	59	42	107	1	117	108	140	102	75	45	22	2	14	44	29	119	38	0

DULUTH, MINN.

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

January	13.1	NW.	56	SW.	7	4	3	5	2	2	10	17	19	0	8	9	14	12	7	16	11	0	2	28	0	31	0	0
February	15.3	SW.	44	NE.	2	2	10	4	1	0	19	11	9	0	9	8	11	11	9	19	11	0	1	28	0	28	0	0
March	16.1	NE.	54	NW.	3	7	16	0	0	3	10	12	14	0	8	8	15	18	15	20	15	0	5	23	0	30	0	0
April	14.6	NE.	49	NE.	2	6	26	5	1	2	5	8	7	0	15	6	9	8	7	4	4	0	0	2	0	19	2	0
May	13.3	NE.	45	W.	2	9	26	0	1	1	5	8	12	0	4	12	15	14	11	1	0	0	7	0	0	7	5	0
June	12.0	NE.	46	NW.	1	3	31	0	0	1	14	6	5	0	15	9	6	13	9	0	0	0	8	0	0	0	6	0
July	12.0	NE.	36	W.	0	6	22	1	0	1	7	17	8	0	5	12	14	16	13	0	0	0	8	0	0	0	12	0
August	12.6	NE.	40	NW.	0	3	26	0	1	1	9	13	8	1	2	14	15	15	7	0	0	0	9	0	0	0	7	0
September	12.0	NE.	48	NW.	1	7	18	6	1	4	5	10	9	0	12	5	13	9	8	1	0	0	4	0	0	2	3	2
October	14.1	W.	48	W.	3	2	15	1	2	1	9	18	14	0	6	12	13	10	7	7	2	0	4	5	0	14	6	0
November	14.7	SW.	62	NW.	2	2	9	3	1	2	17	14	12	0	9	7	14	6	4	4	0	0	3	3	0	20	1	0
December	12.1	W.	52	NW.	1	2	5	1	2	3	13	19	17	0	10	13	8	3	2	9	3	0	0	15	0	29	0	0
Year	13.5	NE.	62	NW.	25	53	207	26	12	21	123	153	134	1	103	115	147	135	99	81	46	0	51	104	0	180	42	2

DURANGO, COLO.

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

January	5.4	NW.	28	NW.	0	6	2	0	1	14	7	11	21	0	16	6	9	6	4	7	6	0	0	8	0	31	0	0
February	5.1	NW.	24	SW.	0	4	5	0	2	17	6	4	17	1	8	10	10	11	9	13	11	0	0	6	0	28	0	0
March	5.6	NW.	28	NW.	0	7	2	1	0	9	6	12	24	1	12	10	9	9	9	10	9	0	0	3	0	30	0	0
April	6.6	NW.	28	NW.	0	6	4	0	0	11	4	5	30	0	10	13	7	7	7	4	2	0	0	0	0	19	2	0
May	6.9	NW.	34	S.	0	2	5	0	2	4	1	14	34	0	11	18	2	2	2	0	0	1	0	0	0	4	2	0
June	5.9	NW.	36	W.	0	3	7	0	3	4	3	9	31	0	9	17	4	7	6	0	0	1	0	0	0	0	7	0
July	5.6	NW.	28	SE.	0	12	2	0	1	1	3	7	36	0	10	18	3	14	9	0	0	0	0	0	4	0	12	0
August	5.5	NW.	32	NE.	0	11	10	1	2	2	1	3	32	0	6	22	3	10	7	0	0	0	0	0	0	0	7	0
September	5.2	NW.	24	W.	0	9	6	0	3	6	2	6	28	0	8	16	6	13	11	1	1	1	0	0	0	4	6	0
October	6.2	NW.	30	N.	0	21	6	2	1	7	3	8	14	0	18	8	5	6	4	0	0	0	0	0	0	20	2	0
November	4.5	NE.	27	N.	0	8	19	8	8	3	0	10	3	1	10	6	14	13	12	7	5	0	0	0	0	20	1	0
December	4.7	NE.	18	NE.	0	3	24	10	4	3	0	16	2	0	11	6	14	12	10	13	12	0	0	11	0	31	0	0
Year	5.6	NW.	36	W.	0	92	92	22	27	81	36	105	272	3	129	150	86	110	90	55	46	3	0	28	4	187	39	0

DUTCH HARBOR, ALASKA.

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

January		SE.				3	0	2	8	7	5	0	1	5	8	7	16	11	11										
February		SE.				3	6	0	11	4	2	0	1	1	7	3	18	17	17										
March		SE.				2	1	1	13	3	6	2	1	2	7	9	15	20	20										
April		N.				9	0	0	3	5	7	2	4	0	2	7	21	10	10										
May		NE.				4	9	1	6	2	1	0	8	0	1	11	19	17	17										
June		SE.				2	10	3	12	0	2	0	0	1	4	8	18	13	13										
July		NE.				0	11	2	6	5	3	1	1	2	6	10	15	12	12										
August		NE.				2	14	2	4	2	0	0	2	5	5	3	23	10	10										
September		NW.				4	7	1	4	0	0	2	10	2	3	9	18	15	15										
October		SW.				3	4	1	1	2	15	0	3	2	4	13	14	12	12										
November		SW.				2	0	0	3	13	2	6	4	0	6	24	16	15											
December		SW.				4	1	2	5	5	6	2	2	4	6	7	18	17	17										
Year		SE.				38	63	15	73	38	60	11	39	28	53	93	219	170	169										

Annual meteorological summary for the year ending December 31, 1913—Continued.

EAGLE, ALASKA.

[ϕ=64° 46′ N.; λ=141° 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	29.16	29.64	28.45	.....	.....	-18.4	-34.3	-26.4	8	-60	.....	.....	.....	.....	.....	.....	0.62	0.21	.....	.....	.....
February	29.12	30.01	28.38	.....	.....	14.0	- 2.8	5.6	37	-29	.....	.....	.....	.....	.....	.....	.41	.10	.....	.....	.....
March	29.05	29.72	28.40	.....	.....	22.2	- 8.0	7.1	39	-38	.....	.....	.....	.....	.....	.....	.65	.21	.....	.....	.....
April	28.80	29.24	28.32	.....	.....	39.9	8.7	24.3	53	-19	.....	.....	.....	.....	.....	.....	.04	.04	.....	.....	.....
May	28.87	29.45	28.54	.....	.....	60.9	28.3	44.6	71	16	.....	.....	.....	.....	.....	.....	.39	.20	.....	.....	.....
June	28.87	29.26	28.60	.....	.....	76.1	36.1	56.1	88	25	.....	.....	.....	.....	.....	.....	.37	.30	.....	.....	.....
July	28.92	29.33	28.58	.....	.....	73.0	38.2	55.6	82	27	.....	.....	.....	.....	.....	.....	1.06	.40	.....	.....	.....
August	28.93	29.23	28.41	.....	.....	63.3	36.9	50.1	80	18	.....	.....	.....	.....	.....	.....	2.74	.65	.....	.....	.....
September	28.81	29.12	28.38	.....	.....	50.6	27.0	38.8	64	8	.....	.....	.....	.....	.....	.....	.56	.17	.....	.....	.....
October	28.94	29.35	28.29	.....	.....	29.5	10.6	20.0	49	-10	.....	.....	.....	.....	.....	.....	.78	.24	.....	.....	.....
November	28.63	29.27	28.13	.....	.....	15.8	- 1.1	7.4	48	-28	.....	.....	.....	.....	.....	.....	.26	.10	.....	.....	.....
December	28.72	29.13	27.90	.....	.....	3.8	-13.7	- 5.0	35	-44	.....	.....	.....	.....	.....	.....	.46	.23	.....	.....	.....
Year	28.90	30.01	27.90	.....	.....	35.9	10.5	23.2	88	-60	.....	.....	.....	.....	.....	.....	8.34	.65	.....	.....	.....

EASTPORT, ME.

[ϕ=44° 54′ N.; λ=66° 59′ W.]

29.965
799
974
896
864
860
801
937
30041
29.894
999
833
29.905

January	30.051	30.706	28.549	27.5	29.0	36.9	18.8	27.8	52	— 2	22	24	80	79	0.136	0.138	0.401	1.18	6.5	4.9	6.8
February	29.899	30.208	29.219	14.2	19.4	25.8	8.5	17.2	47	— 9	9	14	77	78	.069	.089	2.56	.66	5.4	3.7	5.0
March	30.061	30.773	29.194	30.2	32.9	39.1	24.9	32.0	51	— 6	25	29	80	83	.147	.168	6.43	1.24	6.0	6.3	6.4
April	29.992	30.381	29.190	38.5	39.8	47.8	33.8	40.8	76	21	33	34	79	81	.190	.202	2.23	.59	6.3	6.5	6.3
May	29.946	30.389	28.981	44.2	45.0	52.5	39.0	45.8	70	30	38	39	79	81	.231	.242	4.02	1.92	5.4	4.5	6.2
June	29.941	30.218	29.411	54.8	54.6	65.3	47.4	56.4	80	43	47	47	75	77	.322	.328	.71	.21	4.9	5.2	4.7
July	29.881	30.136	29.430	61.0	60.4	71.0	53.0	62.0	87	48	54	54	78	79	.417	.414	2.68	.86	4.9	5.2	6.1
August	30.017	30.342	29.644	58.2	58.3	67.5	52.0	59.8	85	46	53	53	83	83	.404	.404	2.21	.86	3.8	4.1	5.4
September	30.122	30.473	29.645	53.2	53.6	61.8	47.5	54.6	81	37	47	47	80	80	.329	.331	1.69	.73	5.2	4.5	5.5
October	29.974	30.472	29.301	52.1	53.2	57.7	48.7	53.2	67	24	48	49	88	86	.348	.357	5.70	1.70	8.1	7.1	8.6
November	30.085	30.752	29.567	39.2	40.7	46.8	34.1	40.4	67	18	32	34	75	77	.194	.205	.90	.53	5.6	5.7	6.4
December	29.920	30.474	28.877	28.0	30.8	36.2	22.9	29.6	52	7	22	25	76	77	.127	.138	3.14	1.61	6.3	6.9	6.6
Year	29.989	30.773	28.549	41.8	43.1	50.7	35.9	43.3	87	— 9	36	37	79	80	.243	.251	36.31	1.92	5.7	5.4	6.2

ELKINS, W. VA.

[ϕ=38° 53′ N.; λ=79° 49′ W.]

January	28.025	28.508	26.677	36.5	39.0	53.5	29.0	41.2	65	17	33	32	86	77	0.199	0.193	5.30	0.94	7.4	5.4	6.6
February	27.976	28.374	27.509	25.1	31.6	41.0	21.3	31.2	66	4	21	24	82	72	.126	.137	2.24	.78	7.4	4.3	5.7
March	28.042	28.643	27.521	39.3	43.8	55.3	32.0	43.6	78	5	32	33	76	67	.199	.208	3.11	1.06	7.2	5.5	6.6
April	28.007	28.451	27.653	43.2	51.5	61.2	37.0	49.1	85	20	35	36	75	58	.215	.222	3.75	1.14	6.0	5.1	5.7
May	28.018	28.299	27.765	53.3	61.5	71.7	45.4	58.6	86	25	46	48	79	64	.333	.352	5.63	1.56	5.8	6.3	5.6
June	28.063	28.413	27.871	62.0	70.1	81.0	53.8	67.4	92	34	55	58	80	68	.460	.512	2.83	1.22	5.4	4.6	4.7
July	28.038	28.183	27.871	65.9	71.1	83.3	59.4	71.4	94	46	61	64	85	79	.549	.601	8.67	2.63	6.0	5.5	5.6
August	28.058	28.265	27.864	62.3	69.2	82.1	58.0	70.0	91	48	59	64	91	82	.511	.590	4.56	2.23	4.6	4.6	4.4
September	28.117	28.374	27.747	53.1	60.5	74.7	48.8	61.8	90	31	50	55	91	83	.382	.448	5.09	1.91	5.0	4.3	5.5
October	27.987	28.404	27.362	46.2	50.9	63.1	42.1	52.6	83	20	43	44	90	79	.295	.311	6.23	1.41	5.5	5.3	6.0
November	28.108	28.453	27.239	37.4	42.6	54.6	31.3	43.0	73	6	32	36	84	78	.194	.223	5.47	*1.85	6.2	5.0	6.0
December	28.024	28.370	27.352	29.6	34.9	43.7	24.9	34.3	60	12	26	30	86	82	.149	.168	3.45	*1.26	7.2	5.1	6.5
Year	28.039	28.643	26.877	46.2	52.2	63.8	40.2	52.0	94	4	41	44	84	74	.301	.330	56.33	2.63	6.1	5.1	5.7

EL PASO, TEX.

[ϕ=31° 47′ N.; λ=106° 30′ W.]

January	26.232	26.523	25.660	31.8	48.1	52.8	27.8	40.3	70	2	21	19	64	35	0.115	0.108	0.49	0.26	2.2	2.7	2.8
February	26.139	26.454	25.851	37.2	52.3	56.7	34.7	45.7	67	27	26	23	65	37	.143	.129	1.26	.41	3.6	3.8	4.2
March	26.178	26.441	25.861	41.2	62.3	64.9	39.1	52.0	84	24	22	16	47	20	.121	.099	.29	.24	1.1	2.4	2.5
April	26.159	26.426	25.883	48.5	72.1	74.6	46.7	60.6	85	34	24	16	39	13	.135	.098	.14	.05	1.4	1.5	1.7
May	26.121	26.342	25.864	59.8	83.2	85.5	58.2	71.8	95	47	26	17	28	10	.152	.106	T.	T.	.9	2.7	1.9
June	26.128	26.255	25.948	66.3	85.3	89.4	64.3	76.8	96	55	50	39	59	23	.378	.256	.91	.37	2.1	3.7	2.7
July	26.191	26.327	25.900	71.1	89.6	94.0	69.0	81.5	104	61	51	44	51	23	.379	.293	1.13	.60	2.8	3.8	3.2
August	26.220	26.393	26.022	68.4	84.1	90.1	67.0	78.6	95	60	55	51	63	34	.431	.378	.54	.19	2.0	5.3	4.0
September	26.203	26.399	25.932	59.3	76.5	80.8	57.7	69.2	94	44	46	41	64	33	.332	.281	.60	.37	2.3	3.7	3.7
October	26.202	26.422	25.931	52.6	72.1	76.6	50.6	63.6	87	34	33	30	49	24	.204	.177	T.	T.	2.4	2.7	3.0
November	26.228	26.542	25.949	45.7	61.9	66.1	43.6	54.8	77	32	37	37	72	42	.224	.225	.97	.80	2.7	3.3	3.4
December	26.233	26.509	25.969	34.0	48.4	52.0	31.6	41.8	63	25	25	25	69	42	.135	.141	.76	.69	2.0	2.4	3.5
Year	26.186	26.542	25.660	51.3	69.7	73.6	49.2	61.4	104	2	35	30	56	28	.229	.191	7.09	.80	2.1	3.2	3.0

Annual meteorological summary for the year ending December 31, 1913—Continued.

EAGLE, ALASKA.

[H=821 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.	Aurora.
	Miles.		*Mi.*																									
January		NE.				5	8	2	8	0	0	0	1	7	13	1	17	7	5	13	7	0	0	31	0	31	0	10
February		SE.				2	5	4	12	0	1	0	3	1	8	3	17	7	4	10	7	0	0	27	0	28	0	10
March		SE.				3	4	4	9	1	0	0	6	4	13	5	13	8	6	11	8	0	0	26	0	31	0	13
April		SE.				0	5	4	9	7	1	1	2	1	10	12	8	1	1	1	1	0	0	5	0	28	0	9
May		SE.				4	2	1	11	7	2	2	2	0	11	11	9	6	4	2	2	1	0	0	0	22	0	0
June		NE.				4	12	0	4	2	0	1	5	2	14	9	7	4	2	0	0	0	0	0	0	8	0	0
July		NE.				3	8	0	2	0	4	5	4	5	5	9	17	10	6	0	0	1	2	0	0	7	3	0
August		NW.				1	4	0	3	1	4	3	6	9	2	8	21	13	11	3	3	1	0	0	0	9	0	0
September		NE.				5	6	3	3	5	2	2	1	3	2	7	21	8	5	4	0	0	0	0	0	23	0	0
October		SW.				1	5	2	6	0	7	6	3	1	5	8	18	9	4	.....	.....	0	0	19	0	30	0	5
November		E.				1	0	9	7	2	1	4	6	0	5	7	18	6	2	7	6	0	0	27	0	29	0	2
December		E.				1	2	13	1	2	2	5	5	0	5	3	23	6	5	9	6	0	0	30	0	31	0	8
Year		SE.				30	61	42	75	27	24	29	44	33	93	83	189	85	55	.....	.....	3	2	165	0	277	3	57

EASTPORT, ME.

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

January	14.4	W.	50	S.	7	3	2	1	6	14	15	11	9	1	6	10	15	14	12	11	7	0	3	9	0	27	0	0
February	14.9	W.	40	S.	2	9	2	6	1	2	9	22	5	0	13	7	8	11	10	10	0	0	0	21	0	28	0	0
March	14.0	S.	48	E.	2	2	3	5	2	19	14	14	3	0	10	5	16	18	17	5	5	0	3	7	0	22	1	1
April	10.9	S.	36	S.	0	11	7	3	0	15	8	6	10	0	5	16	9	12	9	5	4	0	1	0	0	12	0	0
May	10.1	S.	36	NW.	0	4	9	3	3	15	7	6	14	1	8	12	11	13	10	1	1	0	7	0	0	1	3	0
June	9.9	S.	36	NW.	0	1	4	2	2	19	11	6	15	0	10	15	5	12	7	0	0	0	1	0	0	0	1	0
July	7.9	S.	29	S.	0	7	0	0	2	23	21	5	2	2	7	16	8	13	9	0	0	0	9	0	0	0	4	0
August	9.0	S.	31	S.	0	6	0	1	2	33	8	4	8	0	9	15	7	10	8	0	0	0	11	0	0	0	3	0
September	9.5	SW.	36	SE.	0	7	5	5	1	10	15	3	13	1	12	11	7	10	8	0	0	0	4	0	0	0	3	1
October	11.9	S.	51	SE.	6	13	10	3	2	16	6	1	11	0	2	6	23	17	13	0	0	0	5	0	0	1	0	0
November	11.8	SW.	42	E.	1	6	4	3	2	10	15	11	9	0	8	7	15	7	5	3	1	0	0	1	0	12	0	0
December	10.7	W.	44	E.	4	10	4	2	2	6	7	18	13	0	6	11	14	16	13	11	11	0	0	9	0	26	0	0
Year	11.2	S.	51	SE.	22	79	50	34	25	182	136	107	112	5	96	131	138	153	121	46	39	0	44	47	0	129	15	2

ELKINS, W. VA.

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

January	3.9	S.	24	W.	0	1	1	1	9	18	10	9	11	2	7	9	15	20	17	10	8	0	1	0	0	23	0	0
February	5.2	W.	22	W.	0	4	0	1	5	5	9	18	11	3	8	11	9	13	8	15	9	0	0	10	0	23	0	0
March	6.4	W.	30	W.	0	6	6	1	15	16	3	15	5	1	6	11	14	20	12	8	7	0	2	2	0	16	1	0
April	4.9	W.	25	W.	0	21	3	2	2	8	3	13	8	0	7	13	10	16	13	2	0	0	0	0	0	10	3	0
May	3.2	N.	30	NW.	0	17	3	3	4	4	6	8	14	3	9	10	12	17	13	0	0	1	0	0	0	4	5	0
June	3.0	NW.	26	NW.	0	12	5	3	14	4	4	5	12	1	10	17	3	9	8	0	0	0	6	0	1	0	7	0
July	3.1	W.	19	NE.	0	7	6	2	4	9	7	12	8	7	7	16	8	18	15	0	6	0	8	0	3	0	19	0
August	2.6	NW.	12	N.	0	14	3	2	4	13	6	4	15	1	13	13	5	8	7	0	0	0	14	0	2	0	7	0
September	2.5	W.	17	SW.	0	8	4	4	12	9	6	8	6	3	10	10	10	9	6	0	0	0	15	0	0	1	5	0
October	4.1	W.	26	W.	0	1	3	0	8	6	4	18	18	4	13	2	16	15	14	4	4	0	7	0	0	5	1	0
November	3.0	W.	20	W.	0	7	0	1	8	6	6	16	6	10	10	5	15	14	12	3	3	0	7	2	0	15	0	0
December	3.5	W.	26	SW.	0	9	0	2	3	4	8	14	10	12	8	6	17	11	11	10	5	0	2	3	0	24	0	0
Year	3.8	W.	30	NW.	0	107	28	22	88	102	72	140	124	47	108	123	134	170	136	52	36	1	62	17	6	121	48	0

EL PASO, TEX.

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

January	11.0	NW.	50	SW.	3	3	7	5	6	0	6	8	27	0	19	8	4	4	2	5	2	0	0	3	0	22	0	0
February	11.6	NW.	42	SW.	4	0	6	3	8	1	5	15	18	0	13	10	5	8	5	2	1	0	0	0	0	9	1	0
March	12.9	NW.	53	SW.	6	1	5	8	7	0	3	17	21	0	21	8	2	2	2	0	0	0	0	0	0	7	0	0
April	12.1	W.	56	W.	4	1	6	7	12	1	5	18	10	0	22	7	1	3	3	0	0	0	0	0	0	0	3	0
May	11.7	W.	37	W.	0	1	9	5	7	1	3	26	0	0	22	8	1	0	0	0	0	0	0	0	0	6	1	0
June	11.0	SE.	50	SE.	4	1	5	16	18	2	6	8	4	0	13	10	1	9	6	0	0	0	0	0	14	0	8	0
July	10.0	E.	46	NE.	2	0	12	15	14	1	3	9	8	0	13	10	2	5	4	0	0	0	0	0	25	0	8	0
August	9.3	E.	45	NE.	2	1	14	14	17	5	2	6	3	0	13	17	1	11	5	0	0	0	0	0	16	0	9	0
September	10.4	E.	56	SW.	2	2	11	20	11	2	4	7	3	0	16	9	5	4	3	0	0	0	0	0	2	0	6	0
October	10.6	W.	34	SE.	0	0	6	14	8	1	4	15	14	0	19	9	3	0	0	0	0	0	0	0	0	0	0	0
November	9.9	NW.	50	NW.	1	1	14	11	4	2	1	13	13	1	18	8	4	4	4	0	0	0	1	0	0	1	0	0
December	10.6	NW.	45	W.	1	0	14	5	6	0	1	16	20	0	16	11	4	3	3	0	0	0	2	0	0	18	0	0
Year	10.9	W.	56	W.	29	11	109	123	118	16	43	158	151	1	217	115	33	53	37	7	3	0	3	3	63	57	36	0

Annual meteorological summary for the year ending December 31, 1913—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	29.251	29.880	28.024	34.3	35.1	42.8	29.0	35.9	59	20	28	29	77	80	0.161	0.169	5.60	1.13	8.0	8.0	7.9
February	29.245	29.674	28.805	21.4	24.4	31.4	17.3	24.4	61	4	17	20	83	80	.107	.112	2.01	.64	7.6	7.5	7.2
March	29.255	29.905	28.687	34.6	36.7	47.0	28.5	37.8	73	5	30	32	84	85	.189	.204	7.36	3.06	7.5	6.0	6.6
April	29.278	29.777	28.942	44.6	47.6	53.2	39.3	46.2	78	29	35	38	71	72	.213	.235	2.03	.76	5.9	5.3	5.2
May	29.271	29.618	29.021	54.6	56.7	63.1	48.4	55.8	83	36	45	45	72	68	.313	.312	2.68	.91	5.3	4.8	4.8
June	29.292	29.795	29.016	64.6	67.6	74.0	57.8	65.9	90	42	55	58	73	73	.464	.494	2.79	.98	3.7	3.5	3.3
July	29.226	29.473	28.909	70.0	71.9	77.4	63.5	70.4	87	51	61	60	75	67	.557	.532	1.36	.36	4.7	3.8	4.1
August	29.268	29.529	28.995	67.9	71.8	77.1	62.5	69.8	87	51	56	60	66	68	.451	.537	2.66	1.16	4.1	4.4	4.8
September	29.354	29.747	28.917	59.2	62.5	70.3	54.8	62.6	91	39	50	51	73	67	.381	.389	1.69	1.35	5.8	4.3	5.6
October	29.216	29.692	28.439	51.7	53.8	60.9	48.0	54.4	82	33	46	48	82	81	.323	.350	4.84	1.21	6.8	6.1	6.3
November	29.316	29.680	27.874	42.6	46.3	51.4	40.0	45.7	73	25	36	39	77	76	.223	.248	4.18	1.72	7.5	7.8	7.7
December	29.290	29.591	28.722	33.9	35.8	40.0	30.1	35.0	53	15	28	29	79	75	.160	.166	1.07	.39	8.0	6.6	7.7
Year	29.272	29.905	27.874	48.3	50.8	57.4	43.3	50.3	91	4	41	42	76	74	.294	.312	38.27	3.06	6.2	5.7	5.9

ESCANABA, MICH.

[ϕ=45° 48′ N.; λ=87° 05′ W.]

January	29.302	29.860	28.653	16.4	19.1	25.5	9.5	17.5	40	−6	13	14	83	78	0.083	0.088	0.82	0.22	7.4	5.1	7.6
February	29.336	29.683	28.981	5.2	11.5	17.8	1.0	9.4	34	−16	2	6	87	79	.050	.061	1.60	1.02	5.1	4.5	4.3
March	29.274	29.833	28.621	16.9	23.3	29.0	12.8	20.9	45	−11	13	17	83	77	.089	.107	3.39	1.06	5.8	6.6	6.7
April	29.422	29.923	29.016	34.9	38.7	44.9	30.7	37.8	62	20	28	29	75	69	.155	.164	1.45	.76	4.4	4.5	4.4
May	29.366	29.878	29.003	44.7	49.4	55.1	39.8	47.4	67	29	38	38	77	68	.234	.241	3.28	.95	5.8	5.8	6.1
June	29.373	29.952	29.040	59.9	64.0	69.9	53.1	61.5	87	36	51	52	74	67	.402	.419	2.51	.72	4.0	3.2	3.4
July	29.303	29.566	28.720	62.0	67.3	73.0	55.6	64.3	88	44	54	55	76	69	.430	.464	4.87	1.77	3.9	4.9	4.8
August	29.358	29.674	28.951	61.5	66.9	72.7	56.1	64.4	86	45	55	58	81	73	.452	.484	1.46	.43	4.8	5.1	5.0
September	29.418	29.822	28.730	53.6	57.2	63.4	48.6	56.0	85	30	49	50	84	77	.362	.371	3.54	1.72	4.9	3.7	5.0
October	29.320	29.810	28.871	41.8	46.6	51.9	38.7	45.3	65	21	36	38	81	72	.233	.251	1.83	.41	5.4	5.7	6.0
November	29.349	29.724	28.822	34.5	39.8	44.0	32.4	38.2	62	19	28	32	78	73	.161	.184	1.54	.45	6.5	7.1	6.8
December	29.401	29.748	29.064	26.5	31.4	36.5	23.5	30.0	56	8	21	25	79	77	.119	.136	.31	.14	5.4	6.1	5.5
Year	29.352	29.952	28.621	38.2	42.9	48.6	33.5	41.1	88	−16	32	35	80	73	.231	.248	26.60	1.77	5.3	5.2	5.5

EUREKA, CAL.

[ϕ=40° 48′ N.; λ=124° 11′ W.]

January	30.118	30.566	29.475	39.7	45.7	48.5	36.9	42.7	57	28	38	40	92	83	0.230	0.255	8.10	2.62	4.5	5.9	5.9
February	30.031	30.487	29.651	41.3	48.6	50.9	38.3	44.6	63	30	39	43	91	81	.239	.275	.87	.49	2.4	4.4	4.2
March	30.129	30.480	29.681	42.9	48.0	50.6	40.6	45.6	58	32	41	44	93	87	.259	.291	3.61	.89	5.1	7.0	7.0
April	30.039	30.278	29.765	44.7	52.0	55.4	43.2	49.3	68	37	43	46	94	82	.277	.319	3.41	1.43	5.4	5.7	4.8
May	30.025	30.190	29.790	48.8	54.6	57.0	47.8	52.4	64	39	46	49	91	81	.312	.346	1.67	.71	7.0	4.5	4.3
June	29.978	30.192	29.733	51.8	57.5	59.9	50.7	55.3	65	45	50	52	93	81	.357	.384	1.60	.57	8.0	5.8	5.7
July	30.012	30.214	29.836	54.1	59.4	61.2	53.2	57.2	69	49	52	54	93	82	.389	.416	.28	.14	6.4	4.9	5.6
August	29.987	30.117	29.717	54.4	59.7	62.3	53.4	57.8	71	48	52	54	94	83	.395	.424	.03	.01	6.7	5.6	5.5
September	29.965	30.191	29.778	52.2	58.9	62.8	49.7	56.2	73	42	49	53	90	82	.352	.405	.48	.37	2.7	2.8	4.1
October	30.047	30.276	29.776	48.7	54.9	60.1	46.3	53.2	79	40	46	50	93	83	.318	.358	.88	.59	2.2	3.3	3.5
November	29.978	30.336	29.656	48.6	52.7	56.2	45.4	50.8	68	38	46	48	91	86	.313	.344	5.29	1.15	5.5	6.9	8.0
December	29.994	30.344	29.469	46.3	50.1	54.4	42.5	48.4	66	36	42	46	87	85	.272	.307	7.58	1.67	5.3	7.8	7.8
Year	30.025	30.566	29.469	47.8	53.5	56.6	45.7	51.1	78	28	45	48	92	83	.309	.344	33.80	2.62	5.1	5.4	5.5

EVANSVILLE, IND.

[ϕ=37° 58′ N.; λ=87° 33′ W.]

January	29.630	30.161	29.150	37.9	41.3	47.3	31.4	39.4	61	14	32	34	80	75	0.195	0.205	10.27	2.70	7.3	5.8	6.7
February	29.656	30.084	29.056	29.0	36.9	41.0	26.2	33.6	67	9	24	26	80	66	.141	.158	2.15	.97	4.3	5.3	4.9
March	29.631	30.197	28.853	39.5	48.6	53.6	35.3	44.4	75	10	32	37	74	65	.196	.242	8.71	4.01	5.2	5.7	5.5
April	29.605	29.943	29.336	50.7	59.7	63.6	47.8	55.7	83	40	41	44	70	60	.259	.301	3.19	1.02	5.6	5.9	5.2
May	29.504	29.861	29.282	60.9	73.0	77.4	57.7	67.6	94	42	50	54	67	53	.372	.434	.59	.17	4.5	5.3	5.1
June	29.579	29.979	29.403	70.7	82.8	89.0	67.2	78.1	100	48	60	61	69	50	.543	.550	1.55	.74	3.3	4.6	3.8
July	29.543	29.713	29.233	74.4	83.3	91.0	71.9	81.4	102	62	66	68	77	55	.662	.684	1.35	.78	4.0	4.1	3.9
August	29.549	29.679	29.384	73.4	84.5	93.7	70.8	80.8	100	61	64	67	73	59	.613	.676	1.74	1.36	3.2	4.1	3.7
September	29.599	29.788	29.219	64.2	73.3	79.1	61.7	70.4	99	43	57	61	79	66	.482	.549	4.31	1.35	5.5	5.6	5.8
October	29.562	30.148	29.081	52.3	59.7	65.9	49.2	57.6	87	30	46	49	79	69	.327	.369	2.69	.85	5.8	5.2	5.9
November	29.684	30.157	29.364	47.6	54.6	59.4	44.7	52.0	75	26	40	45	76	71	.268	.324	4.87	1.48	6.6	5.1	6.6
December	29.690	30.092	29.286	36.9	41.9	46.1	34.6	40.4	63	22	33	36	85	80	.195	.222	1.62	.74	6.2	5.6	6.6
Year	29.608	30.197	28.853	53.1	61.9	67.0	49.9	58.4	102	9	45	48	76	64	.354	.393	43.04	4.01	5.1	5.2	5.3

Annual meteorological summary for the year ending December 31, 1913—Continued.

ERIE, PA.

[H=714 ft.; h_1=92 ft.; h_2=82 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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	13.8	S.	41	W.	3	0	2	4	2	21	16	12	5	0	4	6	21	17	15	12	6	0	0	5	0	22	0	0
February	13.4	SW.	34	W.	0	2	4	3	0	14	14	17	2	0	3	10	15	15	9	20	12	0	0	17	0	26	0	0
March	13.6	S.	46	SW.	1	4	5	3	2	19	12	16	1	0	6	10	15	17	13	11	8	0	0	7	0	22	1	0
April	11.8	W.	41	SE.	1	3	13	4	1	10	6	17	6	0	11	10	9	12	9	2	1	0	0	0	0	7	3	0
May	8.3	W.	25	NE.	0	8	12	2	2	11	6	18	3	0	9	16	6	14	7	0	0	0	0	0	0	0	3	0
June	8.5	W.	35	NW.	0	4	9	6	0	13	14	8	6	0	17	11	2	9	7	0	0	1	0	0	0	0	12	0
July	8.8	W.	35	NW.	0	3	3	8	1	14	8	17	8	0	11	17	3	12	8	0	0	1	0	0	0	0	5	0
August	9.3	S.	31	NW.	0	4	5	8	1	21	7	10	5	1	14	11	6	9	7	0	0	0	0	0	0	0	7	0
September	9.8	S.	26.	S.	0	2	6	12	3	18	10	0	7	2	8	12	10	6	4	0	0	0	0	0	2	0	3	0
October	11.2	S.	37	NW.	0	4	2	8	2	21	11	3	11	0	9	6	16	15	13	4	3	1	0	0	0	0	3	0
November	13.3	S.	36	NW.	0	4	2	5	3	14	19	7	6	0	3	9	18	15	8	4	3	0	0	0	0	3	0	0
December	11.6	SW.	40	NW.	1	4	0	6	2	10	22	9	9	0	3	5	23	9	9	11	6	0	0	6	0	20	0	0
Year	11.1	S.	46	SW.	6	42	63	69	19	186	145	134	69	3	98	123	144	150	109	64	39	3	0	35	2	100	37	0

ESCANABA, MICH.

[H=612 ft.; h_1=54 ft.; h_2=44 ft.; h_3=60 ft.]

January	9.7	NW.	37	SW.	0	8	2	2	0	8	13	11	18	0	4	5	22	12	10	17	10	0	1	23	0	31	0	0
February	10.9	W.	32	NE.	0	10	10	0	3	1	11	14	7	0	14	6	8	11	8	12	10	0	0	25	0	28	1	0
March	11.3	S.	38	N.	0	15	6	1	2	13	9	4	12	0	9	4	18	15	10	19	12	0	1	16	0	28	2	0
April	10.9	S.	30	N.	0	19	10	5	2	15	4	1	4	0	14	5	11	7	6	5	4	0	0	1	0	18	1	0
May	10.2	S.	31	NE.	0	10	13	5	6	18	3	0	7	0	7	10	14	12	10	0	0	0	2	0	0	4	0	0
June	9.5	S.	43	N.	1	6	9	2	3	22	11	4	3	0	16	9	5	9	7	0	0	1	2	0	0	0	9	0
July	8.6	S.	33	NW.	0	13	4	5	5	10	10	4	11	0	12	11	8	15	12	0	0	1	0	0	0	0	11	0
August	9.3	S.	34	NW.	0	15	5	3	5	12	12	6	4	0	11	12	8	10	7	0	0	0	0	0	0	0	7	0
September	9.8	S.	30	N.	0	11	6	5	6	15	7	4	6	0	10	12	8	8	6	0	0	0	2	0	0	2	4	2
October	10.4	S.	36	NE.	0	12	6	3	3	12	9	2	15	0	9	9	13	11	9	5	1	0	3	0	0	8	4	0
November	10.6	SW.	37	N.	0	7	3	5	4	4	24	5	8	0	8	4	18	10	6	3	2	0	1	2	0	13	0	0
December	8.8	SW.	37	NE.	0	10	8	0	1	4	18	8	13	0	12	5	14	5	2	8	4	0	1	11	0	27	0	0
Year	10.0	N.	43	N.	1	136	82	36	40	134	131	63	108	0	126	92	147	125	93	69	43	2	13	79	0	159	39	2

EUREKA, CAL.

[H=62 ft.; h_1=73 ft.; h_2=65 ft.; h_3=89 ft.]

January	8.0	SE.	43	SW.	2	14	6	4	19	9	6	2	2	0	6	13	12	15	14	0	0	1	11	0	0	4	0	0
February	6.2	N.	36	N.	0	16	10	3	11	2	7	3	3	1	16	4	8	6	3	1	1	0	7	0	0	4	0	0
March	7.1	N.	40	N.	1	16	2	2	14	5	10	5	8	0	2	15	14	17	13	1	0	0	9	0	0	0	0	0
April	8.3	SE.	38	N.	0	13	3	1	14	7	8	7	6	1	14	10	6	12	10	0	0	0	1	0	0	0	0	0
May	8.4	N.	35	N.	0	21	4	3	7	6	6	7	8	0	15	12	4	9	6	0	0	0	1	0	0	0	0	0
June	6.8	N.	29	N.	0	21	4	0	6	5	7	8	9	0	7	16	7	15	12	0	0	0	3	0	0	0	0	0
July	7.1	N.	30	N.	0	19	3	1	3	6	12	7	10	1	6	17	8	9	2	0	0	0	8	0	0	0	1	0
August	5.6	N.	31	N.	0	24	3	0	5	2	7	4	16	1	10	9	12	3	0	0	0	0	3	0	0	0	0	0
September	6.5	N.	36	N.	0	17	6	1	8	10	3	8	5	2	13	10	7	2	2	0	0	0	9	0	0	0	1	0
October	6.0	N.	31	N.	0	15	8	3	14	2	8	3	8	1	18	7	6	6	3	0	0	0	13	0	0	0	0	0
November	6.3	SW.	34	SE.	0	6	5	2	14	13	15	2	1	2	2	8	20	15	13	0	0	0	10	0	0	0	0	0
December	7.1	SE.	43	SW.	2	2	2	6	21	13	11	4	3	0	4	7	20	19	18	0	0	0	5	0	0	0	0	0
Year	7.0	N.	43	SW.	5	184	56	26	136	80	100	60	79	9	113	128	124	128	96	2	1	1	80	0	0	8	2	0

EVANSVILLE, IND.

[H=431 ft.; h_1=72 ft.; h_2=66 ft.; h_3=82 ft.]

January	9.9	S.	36	S.	0	10	3	3	6	21	5	9	5	0	5	11	15	17	13	4	3	0	2	2	0	19	2	0
February	6.9	S.	24	S.	0	7	2	3	6	13	2	10	13	0	9	10	9	9	6	5	5	0	0	8	0	18	0	0
March	11.1	S.	54	S.	3	6	5	1	7	23	5	8	7	0	8	13	10	12	11	6	3	0	0	4	0	15	7	0
April	8.9	S.	30	S.	0	10	10	6	2	11	6	7	8	0	10	8	12	9	7	0	0	0	0	0	0	0	2	0
May	7.7	S.	39	SW.	0	10	13	3	4	15	7	2	7	1	12	10	9	6	4	0	0	0	0	0	0	2	4	0
June	6.0	NE.	33	N.	0	3	16	4	7	16	10	2	1	1	15	10	5	7	5	0	0	0	0	0	0	15	10	0
July	7.4	SW.	38	SW.	0	4	10	1	3	11	23	9	1	0	14	15	2	6	6	0	0	0	0	0	0	19	6	0
August	5.5	S.	28	W.	0	8	10	3	7	21	9	0	4	0	18	10	3	7	5	0	0	0	0	0	0	20	12	0
September	6.3	S.	24	NE.	0	5	18	3	13	11	1	6	3	0	13	10	10	10	9	0	0	0	1	0	0	7	4	0
October	6.1	S.	28	S.	0	6	8	7	7	9	5	10	10	0	10	6	15	12	9	3	0	0	0	0	0	2	0	0
November	7.7	S.	29	S.	0	9	4	4	10	21	2	3	7	0	6	11	13	14	9	3	1	0	0	0	0	4	3	0
December	5.6	NE.	24	NW.	0	9	18	1	2	11	6	3	10	2	8	7	16	7	6	3	2	0	5	2	0	14	0	0
Year	7.4	S.	54	S.	3	87	117	39	74	183	81	69	76	4	125	121	119	116	90	24	14	0	8	16	63	72	50	0

Annual meteorological summary for the year ending December 31, 1913—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	23.305	23.491	22.659	12.8	29.1	36.0	6.4	21.2	59	−23							0.76	0.41	2.7	3.5	
February	23.204	23.553	22.847	20.7	33.6	37.9	15.4	26.6	55	− 7							2.78	.79	4.4	5.2	
March	23.296	23.524	22.932	19.4	40.2	43.8	16.2	30.0	68	− 7							1.08	.49	3.1	3.7	
April	23.317	23.505	23.091	30.2	52.1	57.1	27.7	42.4	67	17							.19	.15	2.6	2.4	
May	23.333	23.476	23.051	33.9	62.5	67.3	31.8	49.6	78	18							T.	T.	1.2	2.5	
June	23.355	23.475	23.170	40.6	68.9	73.8	38.8	56.3	82	28							.04	.04	1.3	3.4	
July	23.473	23.591	23.308	50.6	72.3	77.5	48.0	62.8	90	36							2.35	.75	3.1	5.0	
August	23.495	23.641	23.311	51.5	69.7	77.1	49.6	63.4	82	38							2.20	.85	4.6	6.5	
September	23.422	23.557	23.144	42.7	61.7	68.8	40.8	54.8	80	27							1.89	.49	2.9	4.5	
October	23.389	23.595	23.141	33.2	53.9	60.7	28.6	44.6	70	20							1.40	1.24	1.7	2.6	
November	23.351	23.604	23.053	31.4	41.7	47.5	27.4	37.4	63	16							2.11	.40	4.7	4.5	
December	23.311	23.553	23.072	20.8	29.8	36.9	15.0	26.0	49	− 5							.90	.35	4.1	5.3	
Year	23.354	23.641	22.659	32.3	51.3	57.0	28.8	42.9	90	−23							15.70	1.24	3.0	4.1	

FORT SMITH, ARK.

[ϕ=35° 22′ N.; λ= 94° 24′ W.]

January	29.602	30.053	28.992	36.5	44.0	50.5	31.6	41.0	69	10	31	33	80	66	0.188	0.201	5.29	2.38	5.6	5.6	5.6
February	29.609	29.983	29.035	33.7	42.6	47.3	30.9	39.1	75	21	28	31	80	66	.164	.184	2.64	.66	5.7	6.2	6.2
March	29.594	30.057	28.908	40.4	53.9	59.2	37.8	48.5	78	20	33	38	74	58	.200	.249	2.43	1.07	6.4	4.5	5.3
April	29.544	29.934	29.195	53.8	68.3	73.1	51.1	62.1	91	38	44	47	69	50	.297	.334	2.70	1.25	3.5	4.4	3.9
May	29.499	29.724	29.282	62.7	76.0	80.8	60.0	70.4	95	49	56	57	79	55	.457	.481	2.99	.78	5.6	4.2	4.5
June	29.524	29.798	29.295	70.5	84.1	90.1	67.3	78.7	98	54	62	62	75	49	.572	.563	.64	.41	5.2	4.8	4.7
July	29.512	29.689	29.215	75.3	87.2	94.1	71.9	83.0	101	66	69	68	80	56	.703	.696	3.69	.96	5.0	5.9	5.0
August	29.503	29.648	29.301	74.5	90.7	98.1	72.3	85.2	103	60	64	61	70	40	.611	.561	.84	.82	2.2	2.8	2.0
September	29.513	29.658	29.203	65.3	74.6	81.3	63.4	72.4	102	45	60	60	83	65	.526	.537	4.99	1.30	5.4	6.1	6.0
October	29.555	30.065	29.304	52.6	62.5	70.8	49.6	60.2	88	28	49	50	87	65	.380	.389	3.71	1.13	5.4	4.8	5.1
November	29.628	30.062	29.286	52.9	60.4	65.7	50.8	58.2	79	32	46	48	78	66	.337	.361	2.15	.77	7.2	6.1	7.0
December	29.660	30.060	29.218	39.7	44.5	47.5	37.4	42.4	65	25	36	36	85	74	.221	.228	4.79	1.80	7.4	7.3	7.6
Year	29.562	30.065	28.968	54.8	65.7	71.5	52.0	61.8	103	10	48	49	78	59	.388	.400	36.66	2.38	5.4	5.2	5.2

FORT WAYNE, IND.

[ϕ=41° 5′ N.; λ=85° 10′ W.]

January	29.107	29.682	28.413	29.6	32.7	39.3	24.2	31.8	56	3	24	29	80	84	0.141	0.167	5.54	1.50	8.0	6.5	7.2
February	29.127	29.547	28.724	19.2	25.3	30.6	16.0	23.3	64	− 4	14	20	78	80	.095	.120	1.37	.56	4.7	3.7	5.1
March	29.099	29.704	28.262	32.0	37.7	46.1	26.4	36.2	70	0	27	32	80	80	.171	.204	7.10	2.76	5.4	5.3	4.9
April	29.155	29.581	28.793	44.4	52.1	59.0	40.1	49.6	78	27	38	45	79	78	.211	.307	2.54	1.29	4.2	5.1	4.4
May	29.121	29.544	28.810	54.1	63.5	70.4	49.4	59.9	84	33	46	52	76	69	.322	.400	3.77	1.98	5.7	5.1	4.4
June	29.150	29.650	28.948	66.2	76.0	82.4	59.0	70.7	98	39	55	57	68	51	.463	.494	.69	.21	2.3	3.1	1.9
July	29.087	29.201	28.760	69.5	79.0	85.9	64.3	75.1	95	53	61	63	76	59	.557	.595	3.65	2.12	3.2	3.4	2.2
August	29.116	29.287	28.933	67.2	76.8	83.0	62.9	73.0	94	51	60	63	79	64	.534	.600	3.06	1.43	5.0	4.5	3.1
September	29.183	29.461	28.724	57.3	65.6	73.8	52.4	63.1	96	34	52	55	83	70	.410	.451	3.01	1.22	5.6	3.3	4.9
October	29.082	29.646	28.533	47.4	54.7	62.1	44.6	53.4	86	29	44	47	87	78	.303	.347	2.33	1.03	6.2	4.9	5.7
November	29.182	29.633	28.517	41.1	46.7	52.1	38.4	45.2	70	23	37	40	85	80	.238	.276	2.44	.71	6.8	5.3	6.7
December	29.187	29.493	28.616	31.8	35.8	40.8	28.8	34.8	59	14	27	31	82	82	.156	.180	.68	.31	7.0	5.2	6.6
Year	29.133	29.704	28.262	46.6	53.8	60.5	42.2	51.3	98	− 4	40	44	79	73	.303	.345	36.16	2.76	5.3	4.6	4.8

FORT WORTH, TEX.

[ϕ=32° 43′ N.; λ=97° 15′ W.]

January	29.367	29.782	28.781	41.0	49.0	56.4	35.8	46.1	78	13	32	33	70	59	0.209	0.216	2.30	1.34	5.1	6.0	5.5
February	29.350	29.671	28.801	36.9	48.5	53.6	31.0	43.8	74	25	27	32	67	59	.158	.198	.87	.36	6.3	5.8	6.1
March	29.347	29.802	28.809	44.7	60.0	64.9	41.6	53.2	89	22	34	38	66	48	.220	.257	1.04	.46	5.1	5.1	4.7
April	29.304	29.710	28.921	53.8	73.5	77.6	51.9	64.8	94	36	40	45	62	40	.275	.323	2.47	1.24	3.6	2.7	2.2
May	29.221	29.490	29.001	64.0	81.0	84.9	62.4	73.6	97	52	51	60	64	51	.383	.517	2.74	1.87	4.8	4.2	4.1
June	29.202	29.480	29.052	71.2	84.3	88.8	69.9	79.4	100	59	61	62	71	53	.547	.581	3.03	.97	6.7	6.5	5.7
July	29.275	29.460	29.000	76.1	91.1	96.5	73.7	85.1	106	65	65	64	71	45	.631	.605	4.36	2.50	3.4	4.5	4.0
August	29.264	29.463	29.051	75.0	92.5	97.3	74.5	85.9	102	65	64	60	70	35	.610	.523	T.	T.	3.7	4.9	2.6
September	29.257	29.460	28.912	65.4	77.1	81.6	64.2	72.9	104	49	60	61	84	64	.529	.563	7.29	2.52	5.8	6.2	5.6
October	29.326	29.772	29.022	55.3	65.1	72.4	52.7	62.6	90	31	49	50	79	60	.392	.419	2.28	.85	4.8	4.8	4.9
November	29.370	29.769	29.042	57.3	63.5	69.1	55.6	62.4	82	38	54	54	88	73	.435	.442	5.90	3.44	7.0	5.1	6.3
December	29.407	29.803	29.019	41.9	47.6	52.4	38.7	45.6	68	26	38	39	86	74	.245	.257	5.42	2.53	8.5	5.1	6.3
Year	29.313	29.803	28.781	56.9	69.4	74.6	54.6	64.6	106	13	48	50	73	55	.386	.408	37.70	3.44	5.0	5.1	5.0

Annual meteorological summary for the year ending December 31, 1913—Continued.

FLAGSTAFF, ARIZ.

[H=6,907 ft.; h_t=8 ft.; h_r=3 ft.; h_a=57 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Wind. By self-register. Prevailing direction.	Wind. By self-register. Maximum velocity.	Wind. By self-register. Direction at time of maximum velocity.	Wind. By self-register. Days with 40 miles and over.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. T. or more.	Snow. 0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	Maximum temp. 90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Aurora.
	Miles.		*Mi.*																									
January	.....	W.	.....	.....	1	6	4	11	6	2	9	18	6	0	16	8	7	5	4	6	4	0	0	11	0	31	0	0
February	.....	W.	.....	.....	0	3	3	5	2	0	12	21	7	3	8	7	13	11	11	11	9	0	0	7	0	28	0	0
March	.....	W.	.....	.....	0	5	4	7	3	2	16	17	8	0	16	8	7	7	5	8	7	0	0	5	0	31	0	0
April	.....	SW.	.....	.....	1	7	4	6	3	1	18	9	11	1	17	10	3	3	1	0	0	0	0	0	0	24	2	0
May	.....	SW.	.....	.....	2	7	3	0	2	0	25	13	9	3	24	5	2	0	0	0	0	0	0	0	0	19	1	0
June	.....	SW.	.....	.....	1	5	3	2	2	1	22	11	11	3	15	12	3	1	1	0	0	0	0	0	0	6	3	0
July	.....	SW.	.....	.....	0	6	3	2	3	1	19	12	14	2	14	14	3	9	7	0	0	2	0	0	1	0	7	0
August	.....	NW.	.....	.....	0	15	4	1	2	0	13	12	15	0	5	20	6	14	10	0	0	1	0	0	0	0	9	0
September	.....	NW.	.....	.....	0	6	11	9	3	2	8	9	12	0	10	17	3	13	9	0	0	1	0	0	0	7	6	0
October	.....	W.	.....	.....	0	8	3	5	11	1	8	14	8	4	20	4	7	3	3	0	0	1	0	0	0	23	2	0
November	.....	W.	.....	.....	0	6	2	12	2	2	11	12	11	2	10	7	13	14	11	7	4	0	0	0	0	24	0	0
December	.....	W.	.....	.....	1	6	1	11	12	2	6	19	4	1	12	12	7	10	9	15	10	0	0	9	0	31	0	0
Year	.....	W.	.....	.....	6	80	45	71	51	14	167	167	116	19	167	124	74	90	71	47	34	5	0	32	1	224	30	0

FORT SMITH, ARK.

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

January	9.7	E.	37	NW.	0	2	1	21	1	5	10	5	14	0	13	4	14	9	8	1	1	0	3	4	0	18	2	0
February	8.1	E.	46	W.	1	9	5	18	2	2	4	5	11	0	10	1	17	12	10	7	5	0	0	5	0	19	1	0
March	10.7	E.	45	SW.	3	4	3	17	7	6	10	3	11	1	11	10	10	9	8	2	1	2	0	0	0	11	5	0
April	9.5	E.	36	NW.	0	3	2	21	9	4	5	6	9	1	19	1	10	6	6	0	0	0	0	0	1	0	5	0
May	7.7	E.	50	SW.	1	6	6	25	11	10	1	0	2	1	14	8	9	11	10	0	0	0	0	0	4	0	8	0
June	6.7	E.	25	SE.	0	0	4	32	9	8	2	3	1	1	10	11	9	4	3	0	0	0	0	0	21	0	9	0
July	6.3	E.	31	N.	0	2	7	25	7	14	7	0	0	0	11	12	8	10	9	0	0	0	0	0	27	0	7	0
August	5.6	E.	47	SE.	1	2	11	30	8	2	3	1	3	2	24	6	1	2	1	0	0	0	0	0	31	0	5	0
September	6.8	E.	44	NW.	1	3	8	24	7	6	3	1	6	2	8	8	14	14	14	0	0	0	0	2	0	7	7	0
October	7.6	E.	44	NW.	1	4	2	17	10	5	8	3	13	0	14	4	13	8	7	2	0	0	3	0	0	2	3	0
November	8.6	E.	33	NW.	0	1	4	28	13	4	2	4	4	0	7	3	20	9	8	0	0	0	0	0	0	1	1	0
December	7.0	E.	31	W.	0	1	7	23	4	3	8	0	15	1	6	3	22	13	10	4	2	0	1	1	0	10	0	0
Year	7.9	E.	50	SW.	8	37	60	284	88	69	63	31	89	9	147	71	147	107	94	16	9	2	9	10	91	61	53	0

FORT WAYNE, IND.

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

January	11.0	SW.	39	SW.	0	2	6	2	6	12	17	9	8	0	6	6	19	19	14	12	8	0	1	9	0	27	1	0
February	11.6	SW.	42	SW.	1	5	6	2	2	6	23	6	6	0	11	8	9	10	8	14	8	0	0	15	0	26	0	0
March	14.0	SW.	64	SW.	4	1	3	4	10	10	20	4	10	0	13	9	9	13	13	11	6	0	0	6	0	21	5	0
April	11.3	N.	36	SW.	0	12	6	8	5	6	9	5	9	0	16	3	11	11	8	9	0	0	0	0	0	4	1	0
May	8.9	SW.	37	SW.	0	8	10	7	1	10	11	4	10	1	12	11	8	9	7	0	0	0	0	0	6	0	4	0
June	8.6	SW.	36	W.	0	2	15	6	2	5	17	7	6	0	25	3	2	7	5	0	0	0	0	0	9	0	5	0
July	8.3	NW.	37	S.	0	5	1	4	8	3	16	7	13	0	23	7	1	11	7	0	0	0	0	0	11	0	11	0
August	7.2	SW.	27	S.	0	5	11	4	4	9	14	6	9	0	19	9	3	7	7	0	0	0	0	0	2	0	6	0
September	7.6	NE.	26	SW.	0	2	11	13	7	11	6	3	7	0	11	9	10	10	8	0	0	1	1	0	4	0	3	0
October	8.6	SW.	35	NW.	0	7	9	4	8	7	10	11	6	0	11	9	11	13	7	3	2	0	1	0	0	6	0	0
November	10.9	SW.	40	NW.	1	4	7	4	5	10	21	6	3	0	9	3	18	15	9	2	2	0	0	2	0	9	0	0
December	8.9	SW.	34	NW.	0	10	6	4	3	2	22	9	8	0	9	5	17	7	4	8	4	0	2	6	0	20	0	0
Year	9.7	SW.	64	SW.	6	63	91	62	61	91	186	77	98	1	165	82	118	132	97	50	30	1	5	38	26	113	36	0

FORT WORTH, TEX.

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

January	11.6	NW.	39	NW.	0	3	3	5	9	13	6	4	17	2	12	2	17	6	4	2	1	0	1	2	0	11	2	0
February	10.9	NW.	37	NW.	0	11	6	5	7	9	6	1	10	1	8	8	12	10	5	3	1	0	0	1	0	16	3	0
March	12.5	S.	50	S.	1	4	6	5	9	16	4	2	14	2	14	8	9	8	5	2	0	0	0	0	0	7	5	0
April	12.2	S.	45	SE.	1	4	1	3	8	19	8	4	10	3	17	7	6	4	4	0	0	0	0	0	2	0	4	0
May	11.7	S.	38	SE.	0	7	3	5	19	17	5	1	2	3	15	11	5	6	6	0	0	0	1	0	8	0	6	0
June	10.5	S.	32	E.	0	2	8	7	12	24	5	0	1	1	5	16	9	8	5	0	0	0	0	0	17	0	10	0
July	10.6	S.	48	SW.	1	0	4	4	11	24	15	2	1	1	16	12	3	6	6	0	0	1	0	0	28	0	10	0
August	8.3	S.	35	E.	0	2	6	4	22	18	7	0	0	3	15	14	2	0	0	0	0	0	0	0	31	0	3	0
September	9.9	S.	38	S.	0	9	7	6	17	7	2	2	19	0	11	6	13	11	11	0	0	0	0	0	7	0	7	0
October	10.1	S.	40	NW.	1	3	6	8	12	14	4	2	12	1	13	8	10	7	5	0	0	0	0	1	0	0	1	0
November	10.4	S.	36	S.	0	3	5	6	11	20	6	3	5	1	6	8	16	13	9	0	0	0	0	1	0	0	0	0
December	8.5	NW.	39	SE.	0	3	3	10	11	3	6	5	21	0	5	11	15	11	7	1	1	0	2	0	0	9	1	0
Year	10 5	S.	50	S.	4	51	58	68	148	184	74	26	103	18	137	111	117	90	67	8	3	1	6	3	93	44	58	0

Annual meteorological summary for the year ending December 31, 1913—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	29.813	30.198	29.362	38.4	51.0	53.8	35.2	44.5	67	17	33	35	82	56	0.200	0.216	1.22	0.62	3.9	4.0	4.6
February	29.640	30.037	29.186	42.1	58.8	61.5	39.6	50.6	74	28	38	37	85	46	.232	.228	1.71	.79	2.6	4.1	4.0
March	29.764	30.047	29.375	44.8	64.6	66.9	42.8	54.8	83	34	38	34	76	33	.230	.200	.63	.36	2.3	3.5	3.5
April	29.658	29.892	29.441	48.9	72.2	74.2	47.2	60.7	94	38	40	31	72	25	.247	.183	1.01	.96	2.4	3.7	3.4
May	29.578	29.804	29.350	55.3	80.7	82.7	54.2	68.4	98	40	44	39	66	24	.294	.247	.30	.28	2.5	2.9	2.6
June	29.534	29.704	29.378	58.8	84.3	86.0	58.1	72.0	97	50	47	43	65	25	.322	.285	.10	.06	2.5	3.9	3.2
July	29.541	29.658	29.223	66.6	94.4	96.0	65.8	80.9	109	58	47	46	53	21	.337	.319	.33	.33	2.8	2.3	2.1
August	29.536	29.700	29.376	70.0	95.8	97.7	68.2	83.0	108	54	48	48	49	21	.348	.345	T.	T.	2.7	2.2	2.2
September	29.532	29.702	29.335	62.9	90.4	92.5	60.8	76.6	107	48	45	41	55	20	.312	.270	T.	T.	.3	.5	.6
October	29.637	29.839	29.329	54.2	79.2	81.8	51.6	66.7	92	43	36	35	51	22	.214	.209	T.	T.	.9	1.6	1.5
November	29.695	29.931	29.363	49.5	59.5	63.7	46.6	55.2	79	34	46	48	89	68	.317	.347	1.86	.68	4.6	4.6	6.1
December	29.781	29.958	29.537	41.7	51.0	54.4	39.4	46.9	66	29	39	42	90	72	.238	.265	1.53	.67	4.7	5.5	6.8
Year	29.642	30.198	29.186	52.8	73.5	75.9	50.8	63.4	109	17	42	40	69	36	.274	.266	8.69	.96	2.7	3.2	3.4

GALVESTON, TEX.

[ϕ=29° 18′ N.; λ=94° 50′ W.]

January	30.067	30.444	29.701	53.0	55.9	60.1	49.1	54.6	70	27	49	51	87	85	0.380	0.399	2.92	2.24	4.8	5.3	5.3
February	30.019	30.302	29.540	52.6	55.9	59.5	50.4	55.0	70	36	48	50	85	82	.348	.375	3.27	1.32	5.8	5.9	5.0
March	30.053	30.534	29.602	56.9	60.5	64.6	54.2	59.4	79	37	52	52	85	77	.416	.427	1.43	1.18	6.3	5.3	3.9
April	30.028	30.312	29.728	64.0	68.0	72.1	62.4	67.2	78	49	58	58	82	72	.498	.506	2.46	1.32	3.5	3.3	2.1
May	29.959	30.123	29.800	71.3	74.6	78.1	69.8	74.0	83	60	65	65	82	74	.626	.631	3.87	2.57	4.3	3.7	2.7
June	29.947	30.079	29.806	76.2	78.6	82.2	74.8	78.5	91	68	70	71	83	77	.748	.751	2.51	.94	5.4	5.6	3.8
July	29.995	30.154	29.817	80.0	83.1	87.8	78.5	83.2	99	75	74	74	80	73	.825	.825	1.48	1.17	3.7	3.8	2.2
August	29.949	30.093	29.813	80.4	83.4	87.8	78.0	82.9	96	67	74	73	80	72	.828	.822	3.88	1.24	4.6	5.3	4.2
September	29.898	30.075	29.678	75.0	77.9	81.5	72.2	76.8	91	62	70	69	83	76	.738	.724	18.68	7.36	6.8	6.8	6.4
October	29.992	30.376	29.747	66.9	70.6	75.4	63.9	69.6	85	43	62	62	86	76	.610	.602	15.37	12.19	4.7	4.1	4.0
November	30.080	30.369	29.806	63.9	66.4	70.2	62.5	66.4	76	47	61	62	92	88	.555	.576	2.49	1.64	3.9	3.3	4.2
December	30.073	30.439	29.075	53.5	56.8	60.3	50.8	55.6	72	38	49	50	86	79	.374	.382	2.11	1.05	5.8	5.1	5.6
Year	30.005	30.534	29.540	66.1	69.3	73.3	63.9	68.6	99	27	61	61	84	78	.579	.585	60.47	12.19	5.0	4.8	4.1

GRAND HAVEN, MICH.

[ϕ=43° 5′ N.; λ=86° 13′ W.]

January	29.315	29.859	28.649	26.8	29.1	34.4	21.6	28.0	49	12	23	24	85	81	0.129	0.134	1.72	0.52	9.3	7.5	8.0
February	29.334	29.740	28.835	19.4	22.6	28.1	14.7	21.4	52	4	15	17	82	77	.090	.098	1.59	.79	8.1	7.2	6.8
March	29.284	29.885	28.468	29.1	31.7	39.0	23.7	31.4	63	5	24	26	82	79	.141	.151	3.12	1.25	6.7	6.7	6.2
April	29.381	29.863	28.919	41.3	47.5	52.9	35.9	44.4	73	24	33	36	74	65	.195	.216	2.08	.77	3.7	4.6	4.0
May	29.347	29.845	29.041	50.5	54.1	60.5	44.5	52.5	76	29	42	43	75	69	.281	.287	2.13	.57	5.6	5.6	5.0
June	29.371	29.906	29.144	62.8	69.5	74.9	55.4	65.2	90	36	54	53	72	58	.438	.435	1.56	.72	3.9	3.3	2.9
July	29.297	29.511	28.877	66.9	72.2	77.6	60.6	69.1	94	49	58	58	75	64	.501	.506	1.57	.60	3.1	4.0	3.2
August	29.338	29.556	29.108	65.8	71.8	77.5	60.2	68.8	88	45	60	60	81	66	.525	.523	1.18	.31	4.4	4.2	3.8
September	29.401	29.741	28.766	56.6	62.9	70.5	51.2	60.8	90	40	51	53	83	72	.391	.418	3.03	1.31	3.9	3.4	4.1
October	29.365	29.840	28.806	46.4	50.5	57.0	43.3	50.2	78	30	42	45	87	82	.293	.324	3.09	1.05	5.5	5.0	5.8
November	29.368	29.789	28.813	41.0	44.7	48.7	37.1	42.9	65	23	36	38	84	79	.228	.246	2.76	1.48	6.5	5.9	6.9
December	29.411	29.712	28.936	34.3	36.1	40.2	29.8	35.0	62	10	30	30	84	79	.175	.175	.51	.35	5.5	5.1	6.3
Year	29.346	29.906	28.468	45.1	49.4	55.1	39.8	47.5	94	4	39	40	80	73	.282	.293	24.34	1.48	5.5	5.2	5.2

GRAND JUNCTION, COLO

[ϕ=39° 04′ N.; λ=103° 34′ W.]

January	25.456	25.893	24.792	8.3	21.8	28.4	3.4	15.9	46	−19	4	13	82	66	0.054	0.077	0.62	0.31	3.7	4.6	4.2
February	25.307	25.690	24.811	24.1	34.6	39.7	21.7	30.7	57	10	20	24	83	64	.107	.128	1.22	.56	6.1	5.6	5.7
March	25.352	25.660	24.889	32.2	46.9	51.5	29.9	40.7	76	18	21	21	64	37	.115	.117	.37	.20	5.2	5.2	4.8
April	25.338	25.697	24.986	43.4	63.3	67.3	40.6	54.0	79	29	23	21	45	22	.123	.116	.23	.21	4.1	4.5	4.4
May	25.297	25.536	24.963	52.5	74.0	78.2	49.7	64.0	90	34	31	30	46	22	.182	.184	.12	.06	3.5	5.5	4.2
June	25.306	25.480	24.999	60.4	79.2	84.7	57.2	71.0	92	47	41	43	51	31	.261	.280	.37	.24	2.9	5.7	4.6
July	25.419	25.619	25.148	64.6	85.3	90.3	62.5	76.4	100	56	44	41	50	25	.306	.274	.31	.17	3.1	4.8	3.8
August	25.429	25.667	25.143	65.1	86.5	90.9	63.9	77.4	96	57	47	45	54	26	.334	.312	.22	.10	3.4	5.2	3.9
September	25.416	25.632	25.093	52.4	70.4	76.2	50.8	63.5	86	37	41	40	67	37	.273	.268	1.70	.95	3.7	5.2	4.2
October	25.418	25.765	25.016	39.9	56.3	63.2	37.1	50.2	75	25	30	32	67	41	.170	.192	.22	.07	4.1	3.8	3.8
November	25.431	25.805	25.064	36.6	47.6	53.2	34.1	43.6	67	24	31	34	80	61	.178	.198	1.15	.42	5.3	6.4	5.8
December	25.479	25.768	25.165	19.2	27.7	33.7	16.3	25.0	51	− 8	15	21	84	74	.090	.113	.75	.16	5.1	4.3	4.7
Year	25.387	25.893	24.792	41.6	57.8	63.1	38.9	51.0	100	−19	29	30	64	42	.183	.188	7.28	.95	4.2	5.1	4.5

Annual meteorological summary for the year ending December 31, 1913—Continued.

FRESNO, CAL.

[H=330 ft.; h_t=89 ft.; h_r=82 ft.; h_a=98 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	4.6	E.	36	W.	0	3	5	14	10	1	2	11	12	4	13	7	11	6	4	1	0	0	5	0	0	9	0	0
February	3.8	NW.	21	NW.	0	3	6	7	4	2	5	5	22	2	12	12	4	6	6	0	0	1	2	0	0	2	0	0
March	4.8	NW.	20	SW.	0	3	5	10	2	2	3	11	22	4	15	12	4	4	3	1	0	1	0	0	0	0	0	0
April	5.9	NW.	29	SW.	0	2	3	6	2	2	6	11	28	0	17	8	5	4	3	0	0	1	0	0	2	0	2	0
May	9.3	NW.	32	NW.	0	3	1	5	2	0	3	2	46	0	20	10	1	3	2	0	0	0	0	0	7	0	1	0
June	10.3	NW.	30	NW.	0	3	2	0	0	0	0	8	47	0	17	9	4	2	2	0	0	0	0	0	7	0	1	0
July	8.8	NW.	29	NW.	0	3	0	2	4	2	4	11	36	0	24	5	2	1	1	0	0	0	0	0	26	0	0	0
August	8.3	NW.	30	SE.	0	4	2	1	3	1	2	11	38	0	21	10	0	0	0	0	0	0	0	0	26	0	0	0
September	7.1	NW.	31	NW.	0	4	0	4	5	1	1	13	32	0	28	1	1	0	0	0	0	0	0	0	17	0	2	0
October	5.6	NW.	20	NW.	0	3	2	17	0	1	3	7	28	1	26	5	0	0	0	0	0	0	0	0	3	0	0	0
November	5.4	NW.	29	NW.	0	4	1	20	3	4	1	4	21	2	5	16	9	8	6	0	0	0	5	0	0	0	0	0
December	5.4	E.	23	SE.	0	6	4	25	9	0	1	4	12	1	6	9	16	9	8	0	0	0	11	0	0	2	0	0
Year	6.6	NW.	36	W.	0	41	31	111	44	16	31	98	344	14	204	104	57	43	35	2	0	3	23	0	88	13	6	0

GALVESTON, TEX.

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

January	12.9	N.	46	NW.	1	9	8	6	12	11	7	1	8	0	13	6	12	9	7	0	0	0	11	0	0	2	1	0
February	12.3	E.	40	NW.	1	9	10	12	9	6	5	2	2	1	12	8	8	11	9	0	0	0	4	0	0	0	1	0
March	14.5	SE.	48	N.	3	8	9	7	17	12	2	1	6	0	12	15	4	9	4	0	0	0	12	0	0	0	0	0
April	13.6	SE.	40	S.	1	11	3	1	20	11	8	3	8	0	23	5	2	2	2	0	0	0	3	0	0	0	2	0
May	12.3	S.	33	NE.	0	3	7	2	17	26	2	2	3	0	22	5	4	5	3	0	0	0	0	0	0	0	3	0
June	11.8	S.	39	NE.	0	2	10	7	12	25	1	1	2	0	15	10	5	5	4	0	0	0	0	0	1	0	3	0
July	10.8	S.	36	E.	0	2	2	0	3	34	9	4	8	0	25	5	1	6	2	0	0	0	0	0	4	0	8	0
August	9.2	S.	30	E.	0	2	5	4	12	22	5	6	5	1	15	10	6	9	8	0	0	0	0	0	6	0	13	0
September	10.2	SE.	37	E.	0	7	6	9	14	7	5	5	7	0	5	11	14	15	13	0	0	0	0	0	1	0	11	0
October	12.1	S.	42	N.	1	7	11	7	9	13	1	4	9	1	18	6	7	11	9	0	0	1	0	0	0	0	5	0
November	10.4	SE.	36	N.	0	3	6	16	22	9	2	1	1	0	13	12	5	5	4	0	0	1	5	0	0	0	3	0
December	12.2	N.	40	SE.	1	19	11	10	12	2	0	2	6	0	10	9	12	7	6	0	0	0	3	0	0	0	2	0
Year	11.9	S.	48	N.	8	82	88	81	159	178	47	32	60	3	183	102	80	94	71	0	0	2	38	0	12	2	52	0

GRAND HAVEN, MICH.

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

January	14.0	S.	39	W.	0	8	5	3	9	11	13	8	5	0	3	6	22	17	11	17	13	0	1	12	0	29	1	0
February	16.0	W.	48	W.	1	9	4	3	4	4	8	17	7	0	2	13	13	13	11	19	13	0	0	17	0	27	0	0
March	16.4	S.	50	SW.	5	6	5	4	9	13	9	6	10	0	8	10	13	19	15	17	11	0	0	11	0	24	5	0
April	13.1	W.	36	NW.	0	8	5	9	2	13	4	8	11	0	16	6	8	9	6	1	0	1	1	0	0	9	2	0
May	11.7	W.	33	S.	0	8	5	11	1	10	10	10	7	0	13	7	11	9	6	0	0	0	1	0	0	2	4	0
June	9.8	SW.	41	NW.	1	5	4	3	5	14	11	11	7	0	19	8	3	6	5	0	0	0	0	0	0	0	8	0
July	10.5	NW.	36	S.	0	12	1	6	4	9	9	7	14	0	18	10	3	9	6	0	0	0	0	0	2	0	10	0
August	9.4	E.	32	W.	0	6	6	12	7	8	6	9	8	0	15	12	4	11	8	0	0	0	0	0	0	0	10	0
September	9.9	E.	30	SW.	0	7	6	15	8	9	2	7	6	0	14	9	7	11	6	0	0	0	1	0	1	0	2	0
October	11.1	SE.	38	SW.	0	9	8	5	16	5	3	5	11	0	9	9	13	17	13	4	2	0	3	0	0	2	3	0
November	15.0	S.	54	NW.	3	3	0	11	4	10	16	3	13	0	6	6	18	14	8	3	3	0	3	2	0	12	1	0
December	12.1	SW.	47	NW.	1	9	6	5	6	1	14	11	10	0	10	5	16	7	2	5	4	0	1	3	0	22	0	0
Year	12.4	NW.	54	NW.	11	90	55	87	75	107	105	102	109	0	133	101	131	142	97	60	46	1	11	45	3	127	46	0

GRAND JUNCTION, COLO.

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

January	3.7	NW.	31	S.	0	7	5	2	6	3	2	11	26	0	14	9	8	8	4	11	8	0	0	19	0	31	0	0
February	3.7	NW.	32	SW.	0	7	6	4	6	4	1	8	20	0	8	10	10	10	6	15	10	0	1	2	0	27	0	0
March	5.6	SE.	28	W.	0	7	5	5	14	4	5	5	16	1	12	10	9	5	4	9	4	0	0	0	0	22	0	0
April	6.9	SE.	29	W.	0	5	3	5	19	7	5	1	14	1	12	12	6	3	1	3	0	0	0	0	0	4	2	0
May	6.3	SE.	30	SW.	0	9	2	7	15	5	3	6	15	0	15	10	6	4	2	0	0	0	0	0	1	0	3	0
June	6.8	SE.	31	SW.	0	4	3	6	27	3	5	2	10	0	11	14	5	3	2	0	0	0	0	0	7	0	12	0
July	5.7	SE.	29	SW.	0	3	0	11	21	5	7	3	12	0	15	12	4	6	3	0	0	0	0	0	16	0	16	0
August	5.1	SE.	22	SE.	0	6	3	6	24	2	3	4	14	0	16	12	3	5	2	0	0	0	0	0	25	0	11	0
September	4.2	SE.	56	NW.	1	9	4	8	19	2	1	6	9	2	13	10	7	9	6	0	0	1	0	0	0	9	0	0
October	4.1	NW.	25	NW.	0	9	3	8	10	3	3	6	19	1	15	14	2	6	3	0	0	0	0	0	0	5	0	0
November	3.4	SE.	16	NW.	0	1	5	4	20	3	3	10	13	1	9	6	15	9	6	1	1	0	0	0	0	10	0	0
December	3.4	SE.	19	W.	0	3	7	9	17	3	0	4	19	0	14	7	10	12	8	14	12	0	1	13	0	30	0	0
Year	4.9	SE.	56	NW.	1	70	46	75	198	44	38	66	187	6	154	126	85	80	47	53	35	1	2	34	49	129	53	0

Annual meteorological summary for the year ending December 31, 1913—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	29.238	29.787	28.560	26.4	28.7	34.8	21.5	28.2	54	13	24	25	92	84	0.135	0.136	1.86	0.47	8.9	6.8	8.3
February	29.253	29.663	28.768	18.5	22.2	28.1	14.0	21.0	59	0	17	18	93	83	.098	.103	1.27	.54	7.8	6.5	7.2
March	29.212	29.807	28.333	29.7	33.6	41.9	23.6	32.8	67	4	29	28	91	81	.163	.169	3.57	.90	6.4	6.7	6.3
April	29.306	29.787	28.865	43.3	51.1	58.5	38.1	48.3	81	25	36	39	78	66	.220	.257	2.45	.78	3.9	5.1	4.4
May	29.272	29.757	28.962	52.8	60.2	67.7	47.1	57.4	83	30	44	46	72	61	.293	.324	1.76	.45	5.5	5.2	5.4
June	29.298	29.840	29.052	65.6	75.5	81.9	57.8	69.8	97	39	54	55	67	51	.442	.468	1.50	.54	3.7	3.4	3.6
July	29.224	29.440	28.800	68.7	77.1	83.4	62.3	72.8	96	50	57	58	68	53	.487	.498	1.96	.54	4.3	4.4	4.1
August	29.261	29.489	29.029	66.7	75.3	83.2	61.8	72.5	99	47	58	59	75	58	.502	.519	.97	.51	5.5	4.4	4.6
September	29.328	29.666	28.822	57.7	64.8	73.8	52.6	63.2	98	40	51	50	79	62	.388	.381	2.25	1.04	5.0	3.8	4.9
October	29.228	29.763	28.714	46.9	52.4	59.4	44.3	51.8	84	32	42	44	83	73	.280	.307	2.92	.92	7.4	5.6	6.3
November	29.292	29.646	28.717	40.8	45.0	50.1	37.6	43.8	70	22	36	39	83	79	.228	.256	2.86	1.85	6.5	6.2	7.1
December	29.328	29.631	28.803	33.1	35.6	40.7	29.5	35.1	61	11	30	30	87	81	.174	.177	.31	.15	5.9	4.7	6.9
Year	29.270	29.840	28.333	45.8	51.8	58.6	40.8	49.7	99	0	40	41	81	69	.284	.300	23.68	1.85	5.9	5.2	5.8

GREEN BAY, WIS.

[ϕ=44° 31′ N.; λ=88° 0′ W.]

January	29.315	29.844	28.723	17.1	19.8	26.6	10.2	18.4	47	− 7	13	13	81	73	0.085	0.084	1.17	0.30	7.9	4.5	7.6
February	29.346	29.728	28.868	8.1	15.7	20.4	4.1	12.2	39	−15	4	8	80	70	.056	.070	1.67	1.37	5.4	4.9	5.8
March	29.272	29.860	28.623	21.2	28.7	35.3	17.2	26.2	59	−10	16	22	80	73	.108	.128	3.03	.88	6.8	7.5	7.1
April	29.393	29.890	28.880	39.4	47.7	53.4	36.4	44.9	78	26	32	36	76	66	.190	.224	2.37	.78	4.9	6.0	5.7
May	29.342	29.885	29.026	48.8	56.9	61.8	45.0	53.4	82	31	43	47	80	71	.288	.335	5.49	1.22	6.7	7.2	7.5
June	29.361	29.923	29.024	62.1	71.0	77.3	56.7	67.0	94	37	55	59	78	67	.463	.538	2.70	1.36	5.6	4.8	5.4
July	29.290	29.506	28.788	64.5	72.4	77.9	59.6	68.8	90	50	58	61	81	68	.497	.548	4.91	1.14	5.3	6.6	7.0
August	29.342	29.589	29.050	62.9	71.3	77.5	59.3	68.4	90	51	58	60	84	68	.491	.527	1.01	.85	6.3	7.4	6.4
September	29.397	29.763	28.741	54.3	61.2	68.9	50.8	59.8	94	36	50	51	85	72	.375	.401	3.56	1.85	6.0	7.1	6.8
October	29.310	29.862	28.911	42.8	49.1	55.9	40.5	48.2	80	21	37	40	81	72	.245	.274	2.55	.84	6.0	6.4	6.8
November	29.355	29.757	28.827	35.3	40.4	46.0	33.5	39.8	66	18	31	33	82	76	.182	.197	1.91	1.06	6.5	6.6	7.5
December	29.419	29.748	29.075	27.8	31.8	37.4	25.3	31.4	52	11	24	26	83	76	.129	.142	.46	.38	5.9	5.4	6.2
Year	29.345	29.923	28.623	40.4	47.2	53.2	36.6	44.9	94	−15	35	38	81	71	.259	.289	30.83	1.85	6.1	6.2	6.6

HANNIBAL, MO.

[ϕ=39° 41′ N.; λ=91° 20′ W.]

January	29.474	29.986	29.127	27.1	.....	39.5	20.5	30.0	59	− 1	22	....	81	....	0.126	.....	1.66	0.44	7.0	.....	5.9
February	29.531	29.901	29.118	21.4	.....	35.6	18.1	26.8	68	− 1	16	....	78	....	.101	.....	2.98	1.59	5.4	.....	5.3
March	29.463	30.043	28.573	32.1	.....	48.9	28.7	38.8	74	− 1	25	....	75	....	.145	.....	4.07	1.31	5.4	.....	5.8
April	29.464	29.836	29.012	47.1	.....	64.4	43.0	53.7	85	34	38	....	73	....	.238	.....	4.53	2.99	4.2	.....	4.5
May	29.424	29.861	29.184	59.4	.....	75.7	54.0	64.8	93	40	51	....	74	....	.389	.....	1.16	.49	5.8	.....	5.0
June	29.463	29.931	29.236	69.0	.....	87.5	62.9	75.2	99	43	57	....	67	....	.496	.....	2.31	1.78	3.5	.....	3.3
July	29.413	29.617	29.249	73.8	.....	91.0	70.3	80.6	102	58	64	....	72	....	.608	.....	.27	.12	4.2	.....	4.2
August	29.423	29.657	29.240	72.2	.....	94.0	69.0	81.5	103	54	62	....	70	....	.568	.....	1.35	.69	3.4	.....	3.4
September	29.471	29.710	29.183	61.3	.....	78.3	59.3	68.8	101	33	54	....	78	....	.442	.....	3.91	1.44	4.0	.....	4.5
October	29.440	30.090	29.180	46.1	.....	62.3	43.8	53.0	82	24	42	....	87	....	.303	.....	2.77	1.01	4.3	.....	4.7
November	29.525	30.032	29.190	45.4	.....	58.7	42.5	50.6	76	21	39	....	80	....	.269	.....	3.24	1.94	6.1	.....	5.9
December	29.584	29.926	29.133	34.5	.....	44.3	32.8	38.6	61	18	32	....	89	....	.192	.....	1.11	.41	6.4	.....	6.4
Year	29.473	30.090	28.573	49.1	.....	65.0	45.4	55.2	103	− 1	42	....	77	....	.323	.....	29.36	2.99	5.0	.....	4.9

HARRISBURG, PA.

[ϕ=40° 16′ N.; λ=76° 52′ W.]

January	29.726	30.322	28.215	34.9	38.7	46.1	31.0	38.6	58	20	29	30	79	71	0.168	0.175	2.58	0.93	5.7	5.7	6.7
February	29.657	30.143	29.022	26.0	32.8	38.7	23.5	31.1	60	11	19	22	72	63	.110	.127	1.72	.67	4.9	4.1	4.8
March	29.718	30.466	29.043	41.2	46.6	53.9	35.7	44.8	75	12	33	34	72	63	.221	.231	5.03	2.35	6.8	4.7	6.3
April	29.636	30.137	29.227	48.6	56.0	61.8	45.1	53.4	82	33	36	39	64	57	.233	.264	3.89	1.32	5.4	5.6	5.8
May	29.628	29.952	29.380	56.0	64.7	71.5	51.5	61.5	88	38	45	47	68	56	.311	.343	2.73	1.32	5.8	5.5	5.5
June	29.640	30.118	29.400	67.3	74.5	81.7	61.2	71.4	96	44	53	56	63	54	.434	.470	1.07	.49	5.3	5.0	5.0
July	29.593	29.817	29.369	71.3	77.5	85.3	65.8	75.6	98	57	60	60	67	57	.519	.530	2.92	1.08	4.2	5.2	5.3
August	29.652	29.986	29.344	67.9	75.1	82.8	64.1	73.4	96	54	59	60	74	60	.514	.524	4.35	2.77	3.7	5.1	4.8
September	29.751	30.162	29.332	59.2	66.1	73.4	55.7	64.6	92	42	52	54	79	68	.423	.454	3.51	1.87	6.1	5.5	6.0
October	29.603	30.066	28.888	54.4	57.7	63.5	51.1	57.3	78	34	46	48	76	72	.341	.362	6.20	3.35	6.1	5.5	6.1
November	29.765	30.115	28.764	42.3	46.9	53.6	39.2	45.4	72	30	36	36	77	66	.218	.223	1.68	.73	6.6	5.7	6.4
December	29.672	30.006	28.945	34.6	39.3	44.1	31.9	38.0	58	18	26	29	69	66	.144	.162	2.74	1.06	6.5	5.5	6.2
Year	29.670	30.466	28.215	50.3	56.3	63.0	46.3	54.7	98	11	41	43	72	63	.303	.322	32.42	3.35	5.6	5.3	5.7

Annual meteorological summary for the year ending December 31, 1913—Continued.

GRAND RAPIDS, MICH.

[H=707 ft.; h_t=70 ft.; h_r=70 ft.; h_a=87 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.	Aurora.
	Miles.		*Mi.*																								
January	7.2	S.	24	NE.	0	1	4	1	9	19	6	11	11	0	3	5	23	16	8	13	9	0	0	12	0	29	0	0
February	8.0	W.	28	W.	0	4	6	2	2	13	4	19	6	0	3	11	14	14	6	19	12	0	0	20	0	27	1	0
March	9.3	W.	44	W.	1	2	5	3	11	13	8	8	12	0	5	14	12	16	15	15	9	0	0	10	0	23	6	0
April	7.6	NE.	29	W.	0	1	10	7	13	6	7	5	11	0	14	6	10	11	7	1	0	0	0	0	0	7	3	0
May	5.3	W.	24	SW.	0	0	6	13	5	11	5	12	10	0	10	8	13	9	7	0	0	0	0	0	0	1	4	0
June	4.9	W.	24	SW.	0	0	7	11	8	5	12	10	7	0	15	13	2	7	5	0	0	0	0	0	6	0	5	0
July	6.2	W.	30	W.	0	1	6	5	9	9	5	14	13	0	13	14	4	9	6	0	0	0	0	0	6	0	4	0
August	5.6	E.	24	W.	0	3	7	16	3	7	5	10	9	2	11	15	5	9	4	0	0	0	0	0	6	0	9	0
September	5.8	SE.	20	W.	0	3	5	13	14	8	3	9	5	0	11	10	9	9	5	0	0	0	1	0	4	0	2	0
October	5.3	S.	24	W.	0	1	10	7	10	12	3	8	11	0	6	12	13	19	13	4	3	0	0	0	0	0	5	0
November	7.5	S.	40	NW.	1	2	1	10	4	22	3	9	9	0	7	4	19	13	8	3	2	0	2	2	0	10	1	0
December	5.8	W.	26	NW.	0	3	9	6	3	15	8	9	9	0	6	8	17	7	2	10	4	0	2	2	0	22	0	0
Year	6.5	W.	44	W.	2	21	76	94	91	140	69	124	113	2	104	120	141	139	86	65	39	0	5	46	22	119	40	0

GREEN BAY, WIS.

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

January	12.8	S.	44	SW.	1	6	3	0	5	13	18	9	8	0	5	9	17	10	8	14	9	0	0	21	0	30	0	0
February	14.0	SW.	50	N.	3	9	7	3	4	4	15	11	3	0	9	7	12	7	7	10	7	0	1	24	0	27	0	0
March	15.0	S.	48	W.	4	12	5	1	3	16	17	5	3	0	4	9	18	13	9	12	10	0	1	15	0	25	3	0
April	13.8	NE.	38	SE.	0	10	14	7	5	9	7	6	2	0	14	4	12	8	7	4	3	0	1	0	0	11	2	0
May	11.3	S.	43	S.	3	8	8	5	9	13	7	8	4	0	4	10	17	16	12	0	0	0	1	0	0	1	4	0
June	10.4	SW.	48	N.	2	4	9	3	12	12	20	0	0	0	10	13	7	7	5	0	0	1	0	0	5	0	8	0
July	10.2	SW.	50	NW.	2	3	9	2	10	12	13	7	6	0	4	12	15	14	14	0	0	0	0	0	1	0	10	0
August	10.2	NE.	37	NE.	0	9	9	2	10	14	8	5	5	0	5	17	9	8	3	0	0	0	0	0	1	0	6	0
September	10.2	SE.	32	W.	0	7	7	4	14	11	6	6	5	0	7	11	12	9	6	0	0	0	0	0	3	0	6	0
October	11.9	S.	43	SW.	1	8	6	2	5	17	10	5	9	0	8	10	13	11	9	3	1	1	4	0	0	9	2	0
November	13.0	S.	54	N.	3	4	6	5	3	19	11	6	6	0	6	6	18	11	6	2	1	0	4	2	0	13	0	0
December	11.2	SW.	44	NW.	1	11	7	0	2	9	20	3	10	0	11	7	13	5	2	5	2	0	2	8	0	24	0	0
Year	12.0	SW.	54	N.	20	91	90	34	82	149	152	71	61	0	87	115	163	119	88	50	33	2	14	70	10	140	41	0

HANNIBAL, MO.

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

January	11.0	SW.	30	S.	0	4	2	0	1	6	8	4	6	0	10	9	12	9	8	9	4	0	0	9	0	29	0	0
February	9.9	SW.	40	SW.	1	4	3	2	1	2	9	2	5	0	10	8	10	10	7	11	7	0	0	12	0	23	0	0
March	13.5	SW.	50	SW.	3	0	3	2	1	3	10	6	6	0	7	13	11	11	10	8	5	1	0	6	0	19	6	0
April	11.2	SW.	36	SW.	0	4	1	5	2	2	13	0	3	0	14	6	10	8	5	0	0	1	0	0	0	0	1	0
May	9.6	SW.	34	S.	0	5	4	3	0	4	9	3	3	0	13	7	11	11	6	0	0	0	0	0	4	0	8	0
June	9.1	SW.	34	S.	0	1	3	4	1	2	17	2	0	0	19	8	3	6	4	0	0	0	0	0	16	0	11	0
July	8.7	SW.	29	SW.	0	1	3	2	1	2	16	4	2	0	16	11	4	5	4	0	0	0	0	0	18	0	6	0
August	7.6	SW.	37	NW.	0	4	5	4	0	1	12	4	1	0	14	14	3	7	4	0	0	0	0	0	24	0	9	0
September	8.0	E.	28	E.	0	2	3	9	2	2	8	0	4	0	16	6	8	10	7	0	0	0	2	0	7	0	4	0
October	8.5	NW.	39	SW.	0	3	3	1	2	3	8	5	6	0	15	6	10	11	9	5	4	0	2	0	0	8	1	0
November	9.8	SW.	37	SW.	0	1	2	4	0	3	13	3	4	0	9	8	13	9	7	1	0	0	0	0	0	6	3	0
December	6.7	SW.	34	NW.	0	2	4	4	2	0	9	3	6	1	8	7	16	9	5	6	4	0	1	2	0	20	0	0
Year	9.5	SW.	50	SW.	4	31	36	40	13	30	132	36	46	1	151	103	111	106	76	40	24	2	5	29	69	105	49	0

HARRISBURG, PA.

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

January	6.5	W.	46	SW.	1	3	0	19	9	7	10	6	8	0	7	6	18	16	13	2	1	0	4	2	0	19	1	0
February	7.7	W.	32	W.	0	5	1	10	6	1	3	18	12	0	12	6	10	8	6	5	5	0	0	8	0	23	1	0
March	9.3	NW.	37	SW.	0	3	0	11	10	9	8	13	8	0	9	5	17	12	9	5	5	0	0	1	0	13	2	0
April	8.7	NW.	36	W.	0	8	7	12	10	2	3	4	14	0	10	6	14	12	11	2	0	1	0	0	0	0	5	0
May	6.0	NW.	22	NW.	0	8	9	5	7	3	4	11	15	0	10	6	15	12	8	0	0	0	0	0	0	0	1	0
June	5.5	NW.	24	NW.	0	9	7	5	5	9	8	10	7	0	13	8	9	12	4	0	0	0	0	0	0	5	0	4
July	5.6	NW.	33	W.	0	4	6	7	6	5	7	15	12	0	9	14	8	9	7	0	0	0	0	0	0	8	0	9
August	4.9	SW.	24	NW.	0	5	9	6	14	6	5	11	6	0	12	11	8	7	5	0	0	0	0	0	0	3	0	7
September	5.0	E.	26	SE.	0	4	14	11	5	8	2	11	5	0	8	9	13	12	10	0	0	0	1	0	1	0	4	0
October	6.9	NW.	27	SW.	0	12	3	14	5	1	4	9	14	0	8	9	14	13	10	0	0	0	0	0	0	0	3	0
November	6.6	W.	32	SW.	0	3	1	10	6	10	5	19	6	0	8	6	16	7	5	3	2	0	3	0	0	5	0	0
December	6.9	W.	30	NW.	0	7	3	7	2	2	7	14	20	0	9	7	15	6	6	7	2	0	0	2	0	14	1	0
Year	6.6	W.	46	SW.	1	71	60	117	85	63	66	141	127	0	115	93	157	126	94	24	10	1	8	13	17	74	38	0

Annual meteorological summary for the year ending December 31, 1913—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	29.931	30.543	28.502	34.2	33.2	45.7	28.4	37.0	60	12	28	28	77	67	0.168	0.172	2.82	1.02	7.0	5.6	6.7	
February	29.827	30.262	29.366	21.6	27.8	34.9	18.2	26.6	54	3	13	17	68	62	.066	.107	2.33	.71	4.3	3.5	4.5	
March	29.938	30.730	29.256	37.7	41.7	50.8	31.8	41.3	70	8	31	33	77	70	.203	.214	4.86	1.59	5.7	4.8	6.8	
April	29.840	30.394	29.442	45.3	51.2	59.3	40.7	50.0	86	27	35	36	70	59	.228	.239	4.62	1.52	6.8	4.8	6.4	
May	29.822	30.228	29.407	53.9	59.6	67.1	48.2	57.6	90	34	41	43	64	59	.274	.302	3.99	1.86	5.1	5.8	6.2	
June	29.827	30.267	29.588	64.9	68.9	78.9	56.4	67.6	90	42	53	54	66	61	.419	.432	2.07	1.54	4.2	3.9	4.6	
July	29.768	30.030	29.456	69.5	74.1	84.2	62.3	73.2	95	53	59	60	70	62	.512	.532	1.83	.61	4.5	4.6	5.2	
August	29.862	30.240	29.582	66.4	71.8	81.5	59.9	70.7	96	49	59	60	78	68	.512	.529	3.89	2.25	4.4	4.8	5.7	
September	29.966	30.408	29.629	57.1	62.2	70.7	52.2	61.4	87	38	52	56	85	81	.420	.469	3.56	.77	4.9	4.4	5.9	
October	29.780	30.334	29.032	53.8	56.8	63.4	50.1	56.8	77	32	49	50	85	80	.372	.392	9.25	3.52	7.7	5.5	7.5	
November	29.952	30.493	29.018	41.1	45.0	52.0	37.0	44.5	70	26	35	35	78	68	.213	.216	2.12	.82	6.5	4.0	6.2	
December	29.820	30.261	29.140	31.7	36.5	42.9	28.2	35.6	55	12	25	28	75	69	.141	.157	3.59	1.05	5.3	4.6	6.1	
Year	29.861	30.730	28.502	48.1	52.8	61.0	42.8	51.9	96	3	40	42	74	67	.296	.313	44.93	3.52	5.5	4.7	6.0	

HATTERAS, N. C.

[ϕ=35° 15′ N.; λ=75° 40′ W.]

January	30.180	30.656	29.227	55.7	55.3	62.7	49.6	56.2	71	38	51	52	85	88	0.396	0.396	3.62	1.75	6.5	4.5	6.3	
February	30.073	30.547	29.739	46.2	49.1	54.8	42.7	48.8	70	30	38	42	75	77	.250	.290	2.54	.87	5.8	4.1	5.2	
March	30.147	30.740	29.668	56.9	58.1	64.1	51.8	58.0	73	34	50	51	78	79	.391	.408	3.83	1.26	6.2	4.9	6.2	
April	30.015	30.405	29.517	60.1	59.5	66.5	55.1	60.8	76	44	49	49	67	71	.384	.375	2.28	1.90	3.3	3.0	3.9	
May	29.981	30.242	29.624	69.1	67.0	75.3	62.6	69.0	82	46	61	61	76	81	.552	.550	3.08	1.51	3.8	4.7	3.9	
June	29.981	30.238	29.769	73.6	72.0	79.0	68.2	73.6	89	56	68	68	82	88	.696	.698	1.62	.90	4.4	5.7	4.8	
July	29.991	30.114	29.794	79.1	77.1	84.1	73.6	78.8	89	65	73	72	82	86	.814	.806	3.78	2.62	4.6	5.5	5.3	
August	30.037	30.229	29.902	77.9	76.2	82.5	72.7	77.6	88	68	71	70	79	82	.757	.739	4.97	2.54	4.8	4.3	4.5	
September	30.096	30.321	29.718	72.7	71.8	77.9	68.2	73.0	86	62	65	65	78	80	.642	.631	7.28	3.33	4.8	3.9	4.4	
October	29.969	30.408	29.528	64.5	64.7	70.8	60.3	65.6	80	45	59	58	82	79	.518	.509	6.93	3.49	4.5	4.4	4.5	
November	30.170	30.486	29.276	52.3	53.2	60.6	48.3	54.4	69	37	46	48	80	82	.322	.344	.53	.28	3.2	1.9	2.7	
December	30.058	30.384	29.403	46.9	49.2	55.1	44.4	49.8	67	33	42	44	83	83	.278	.302	2.94	1.24	4.9	4.7	4.9	
Year	30.058	30.740	29.227	62.9	62.8	69.4	58.1	63.8	89	30	56	57	79	81	.498	.504	43.40	3.49	4.7	4.3	4.7	

HAVRE, MONT.

[ϕ=48° 34′ N.; λ=109° 40′ W.]

January	27.294	27.722	26.773	4.3	9.5	18.2	−4.4	6.9	44	−36	1	6	85	84	0.071	0.074	1.46	0.61	7.7	5.5	8.1	
February	27.412	27.848	26.943	8.8	19.2	23.8	3.6	13.7	48	−19	6	16	89	88	.072	.102	.06	.04	3.5	5.1	6.8	
March	27.359	27.697	26.835	15.7	27.9	32.0	11.3	21.6	54	−22	13	22	88	80	.097	.126	.65	.24	6.5	5.6	5.9	
April	27.312	27.616	26.883	33.9	56.8	60.0	32.2	46.1	83	20	30	35	85	52	.167	.213	1.35	.77	3.8	4.2	5.1	
May	27.330	27.662	26.982	42.6	60.3	63.2	40.1	51.6	85	22	38	44	85	57	.242	.295	1.81	.87	5.4	6.1	6.2	
June	27.252	27.545	26.963	55.7	74.3	77.3	52.9	65.1	88	44	51	54	85	51	.381	.427	1.48	.63	4.4	5.4	5.3	
July	27.361	27.687	27.013	55.0	76.9	79.1	51.5	65.3	94	40	49	51	82	44	.356	.391	1.28	.51	3.4	3.3	3.7	
August	27.372	27.753	26.889	53.5	78.9	82.2	51.6	66.9	95	40	49	50	85	38	.354	.373	.74	.35	3.1	4.1	4.2	
September	27.358	27.723	26.912	43.8	69.1	73.4	40.6	57.0	92	25	40	43	85	43	.251	.290	.82	.72	3.2	2.7	4.1	
October	27.370	27.796	26.973	34.8	45.4	52.1	29.5	40.8	83	12	31	33	85	65	.176	.194	.88	.54	5.9	6.2	6.4	
November	27.247	27.739	26.809	30.6	37.9	45.0	24.4	34.7	59	8	27	30	86	76	.148	.170	.83	.23	4.0	4.8	7.4	
December	27.398	27.892	26.632	15.7	28.2	36.2	11.1	23.6	52	−6	14	21	91	75	.083	.111	.02	.02	1.2	2.5	3.8	
Year	27.339	27.892	26.632	32.9	48.7	53.5	28.7	41.1	95	−36	29	34	86	63	.200	.230	11.38	.87	4.3	4.6	5.6	

HELENA, MONT.

[ϕ=46° 34′ N.; λ=112° 4′ W.]

January	25.688	26.050	25.076	18.1	21.5	29.2	9.9	19.6	50	−17	9	14	69	73	0.073	0.089	0.79	0.20	8.0	7.3	7.8	
February	25.802	26.142	25.462	13.7	20.1	25.2	8.3	16.8	52	−15	7	11	76	66	.069	.077	.41	.19	7.0	6.5	7.0	
March	25.756	26.026	25.421	22.4	30.5	35.1	17.4	26.2	54	−11	13	17	67	59	.088	.100	.64	.17	7.2	6.6	7.1	
April	25.761	26.017	25.402	35.2	51.5	56.2	33.9	45.0	76	22	25	26	66	43	.133	.146	1.07	.45	5.6	6.8	6.0	
May	25.779	26.033	25.537	43.4	58.0	61.5	41.2	51.4	87	24	36	38	75	50	.213	.234	2.00	.56	6.8	7.2	7.3	
June	25.737	25.986	25.494	52.1	67.2	73.1	49.8	61.4	85	42	44	46	74	51	.289	.316	2.64	.98	5.0	7.7	6.5	
July	25.855	26.107	25.480	54.2	73.7	76.8	51.9	64.6	92	43	42	43	64	35	.274	.284	1.47	.54	3.9	4.1	4.3	
August	25.866	26.149	25.390	56.0	76.8	81.2	54.6	67.9	91	43	44	45	66	34	.292	.299	.00	.28	4.5	5.2	4.6	
September	25.851	26.131	25.454	46.4	67.0	71.2	44.4	57.8	86	31	33	36	61	35	.192	.223	.36	.27	3.9	3.4	3.6	
October	25.837	26.227	25.511	36.7	43.9	50.4	33.1	41.8	79	20	28	29	70	59	.151	.160	1.39	.43	5.9	6.8	6.6	
November	25.742	26.172	25.279	32.7	39.5	46.4	29.5	38.0	59	20	24	26	69	58	.129	.139	.52	.38	4.7	5.3	6.2	
December	25.863	26.220	25.152	19.0	26.0	32.6	15.9	24.2	46	5	14	20	82	75	.081	.102	.11	.11	2.3	3.8	4.3	
Year	25.795	26.227	25.076	35.8	48.0	53.2	32.5	42.9	92	−17	27	29	70	53	.165	.181	12.00	.98	5.4	5.9	5.9	

Annual meteorological summary for the year ending December 31, 1913—Continued.

HARTFORD, CONN.

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

Month.	Wind.					Number of winds, 8 a. m. and 8 p. m.									Number of days.												
	By self-register.																	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	9.1	S.	58	SW.	5	7	4	0	0	17	17	1	16	0	6	11	14	14	14	5	1	0	2	2	0	21	1	0
February	8.1	NW.	36	SW.	0	9	0	1	1	9	15	6	15	0	11	11	6	8	7	9	5	0	0	14	0	25	2	0
March	10.4	S.	49	SW.	1	4	6	0	0	18	15	3	15	1	7	6	18	15	13	6	2	0	4	2	0	15	3	0
April	8.6	NW.	37	NW.	0	12	6	1	3	13	4	3	18	0	8	7	15	10	7	2	0	0	0	0	0	4	3	0
May	7.0	NW.	30	NW.	0	9	12	1	1	13	1	2	23	0	8	9	14	11	8	0	0	0	1	0	1	0	2	0
June	7.7	S.	37	SW.	0	12	3	3	0	25	7	3	7	0	14	9	7	7	5	0	0	1	0	0	1	0	4	0
July	7.9	S.	32	S.	0	8	1	4	1	24	11	1	12	0	6	20	5	8	7	0	0	0	1	0	6	0	6	0
August	6.9	S.	26	S.	0	8	7	1	3	30	7	1	5	0	9	13	9	10	8	0	0	0	0	0	3	0	6	0
September	6.4	S.	24	S.	0	12	6	2	2	22	4	2	10	0	8	10	12	10	9	0	0	0	1	0	0	0	3	0
October	7.0	N.	37	SW.	0	19	11	1	4	9	7	1	10	0	2	12	17	15	10	1	0	0	0	0	0	1	3	0
November	8.3	NW.	38	SE.	0	9	3	0	6	16	9	6	11	0	3	8	14	8	6	2	1	1	1	0	0	8	0	0
December	7.4	NW.	35	NW.	0	12	1	2	1	8	13	3	22	0	9	11	11	7	7	5	2	0	1	3	0	21	0	0
Year	7.9	S.	58	SW.	6	121	60	16	22	204	110	32	164	1	96	127	142	123	101	30	11	2	11	21	11	95	33	0

HATTERAS, N. C.

[H=11 ft.; h_t= 12 ft.; h_r= 37 ft.; h_a=50 ft.]

January	17.0	SW.	63	W.	8	12	10	1	1	6	24	6	2	0	5	12	14	15	11	0	0	0	1	0	0	0	1	0
February	16.5	N.	48	SW.	4	13	10	1	4	1	11	3	13	0	11	4	13	9	8	0	0	0	0	0	0	1	1	0
March	16.3	SW.	53	S.	1	4	9	6	5	13	13	6	6	0	9	7	15	14	9	0	0	0	1	0	0	0	2	0
April	15.6	SW.	40	N.	1	7	13	0	3	6	17	6	8	0	15	9	6	6	4	0	0	0	0	0	0	0	1	0
May	13.4	SW.	38	N.	0	9	8	3	5	11	17	4	5	0	15	2	4	9	6	0	0	0	0	0	0	0	4	0
June	14.1	SW.	38	N.	0	5	15	3	3	5	22	4	3	0	14	6	10	7	5	0	0	0	0	0	0	0	4	0
July	13.2	SW.	54	NW.	3	2	7	1	3	7	30	10	2	0	5	21	5	10	9	0	0	0	0	0	0	0	8	0
August	10.4	NE.	38	NW.	0	4	19	8	5	4	16	4	2	0	12	14	5	9	8	0	0	0	0	0	0	0	7	0
September	13.4	NE.	74	SE.	3	2	27	1	8	5	7	7	3	0	12	13	5	13	11	0	0	0	0	0	0	0	3	0
October	16.1	NW.	56	NW.	3	10	5	5	9	4	10	7	12	0	13	9	9	10	9	0	0	0	0	0	0	0	2	0
November	12.9	N.	48	W.	2	18	8	1	0	0	15	10	8	0	20	7	3	3	3	0	0	0	3	0	0	0	0	0
December	14.9	N.	51	W.	4	18	11	0	2	1	10	11	9	0	14	7	10	9	7	0	0	1	2	0	0	0	2	0
Year	14.5	SW.	74	SE.	29	104	142	30	48	63	192	78	73	0	145	121	99	114	90	0	0	1	7	0	0	1	35	0

HAVRE, MONT.

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

January	8.8	SW.	37	W.	0	2	11	2	0	0	15	16	14	2	1	10	20	11	7	15	10	0	1	21	0	30	0	0
February	9.2	SW.	36	NW.	0	0	4	7	0	0	19	13	10	3	4	11	13	2	1	10	2	0	0	21	0	26	0	0
March	8.4	E.	33	SW.	0	5	7	14	0	1	10	12	13	0	7	13	11	7	6	12	7	0	0	15	0	30	0	0
April	7.8	SW.	40	SW.	1	5	6	5	5	4	15	6	13	1	13	8	9	7	7	4	4	0	0	0	0	13	0	0
May	8.1	E.	32	NW.	0	2	3	17	4	1	10	10	14	1	9	12	10	9	5	1	0	2	1	0	0	6	4	0
June	8.0	E.	35	W.	0	2	7	14	7	3	7	8	11	1	11	12	7	14	8	0	0	0	0	0	0	0	9	0
July	7.8	SW.	32	SW.	0	4	6	10	4	2	15	12	9	0	18	10	3	9	7	0	0	0	0	0	4	0	5	0
August	6.6	E.	38	SW.	0	5	5	13	3	1	5	11	15	4	17	7	7	8	7	0	0	0	0	0	7	0	6	1
September	7.1	NW.	37	W.	0	5	4	7	2	1	10	10	20	1	14	12	4	4	2	0	0	0	0	0	2	5	2	0
October	8.3	SW.	40	SW.	1	5	7	11	0	2	18	7	12	0	8	10	13	3	3	4	2	0	0	0	0	21	0	0
November	7.4	SW.	48	W.	1	2	4	15	0	0	16	12	6	5	5	7	18	9	8	5	4	0	4	3	0	25	0	0
December	6.5	W.	40	SW.	1	3	9	10	1	0	11	13	13	2	20	4	7	1	0	2	1	0	1	9	0	30	0	0
Year	7.8	SW.	48	W.	4	40	73	125	26	15	151	130	150	20	127	116	122	84	61	53	30	2	7	69	13	186	26	1

HELENA, MONT.

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

January	9.0	SW.	70	SW.	2	1	0	2	2	15	21	13	8	0	3	6	22	12	7	18	12	0	0	18	0	28	0	0
February	7.3	NW.	48	SW.	1	4	1	0	0	5	19	10	16	1	3	12	13	8	3	14	8	0	0	22	0	26	0	0
March	9.1	SW.	52	SW.	2	4	1	1	1	6	27	15	7	0	7	6	18	11	7	18	9	0	0	10	0	24	0	0
April	9.4	SW.	42	S.	2	4	2	0	3	15	20	12	4	0	7	10	13	7	5	8	4	0	0	0	0	12	1	0
May	8.3	SW.	43	SW.	1	3	3	1	0	11	20	16	8	0	2	13	16	12	9	4	2	1	0	0	0	2	6	0
June	8.2	S.	52	S.	2	2	2	2	4	18	19	6	7	0	6	9	15	20	13	0	0	2	0	0	0	0	14	0
July	8.7	SW.	40	W.	1	5	3	1	1	10	16	13	7	0	13	12	6	11	8	0	0	2	0	0	3	0	6	0
August	7.8	SW.	35	SW.	0	5	4	3	1	13	18	8	4	1	10	15	6	6	4	0	0	0	0	0	3	0	9	0
September	8.6	SW.	48	S.	1	2	2	3	2	16	16	11	8	0	15	10	5	4	3	2	2	0	0	0	0	1	0	0
October	8.5	SW.	33	SW.	0	0	0	0	0	12	33	7	10	0	6	10	15	9	6	12	6	0	0	0	0	16	0	0
November	7.0	SW.	53	SW.	1	2	0	0	2	20	29	4	3	0	7	10	13	4	3	5	0	0	0	0	0	20	0	0
December	5.4	S.	38	SW.	0	1	2	0	0	22	25	8	3	1	15	7	9	2	1	6	2	0	0	16	0	31	0	0
Year	8.1	SW.	70	SW.	13	33	20	13	16	174	263	123	85	3	94	120	151	106	69	87	45	5	0	66	6	160	36	0

Annual meteorological summary for the year ending December 31, 1913—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	29.978	30.067	29.863	71.9	71.1	77.2	66.3	71.8	81	61	62	62	71	73	0.555	0.552	1.35	0.89	3.8	4.9	5.9
February	29.992	30.167	29.820	70.6	70.0	76.0	64.8	70.4	79	58	59	59	68	68	.507	.501	.87	.35	3.6	4.0	5.9
March	30.044	30.151	29.888	72.5	71.4	77.8	66.5	72.2	80	61	60	60	65	68	.520	.540	1.32	.34	3.8	4.7	6.3
April	30.065	30.180	29.959	73.1	71.9	77.9	67.7	72.8	80	63	59	60	62	67	.505	.520	1.91	.43	5.3	6.6	6.0
May	29.986	30.060	29.898	75.4	73.3	80.0	69.5	74.8	84	66	64	64	68	73	.595	.600	2.95	1.44	5.1	6.3	6.2
June	30.007	30.077	29.890	76.8	75.0	80.8	71.5	76.2	84	67	65	65	68	71	.622	.612	4.26	3.01	5.6	6.9	6.8
July	29.991	30.068	29.892	78.4	76.7	83.1	73.2	78.2	86	70	65	65	64	67	.618	.610	.18	.06	4.3	5.4	5.3
August	29.936	30.016	29.817	79.4	77.6	84.1	74.2	79.2	86	72	67	67	67	71	.671	.664	1.14	.54	5.7	3.6	4.3
September	29.959	30.020	29.875	79.1	77.3	83.7	73.5	78.6	86	70	66	66	65	69	.644	.645	.81	.28	4.8	3.4	5.2
October	29.940	30.034	29.857	79.1	76.8	83.0	72.5	77.8	87	70	68	68	68	74	.675	.675	.26	.12	3.3	2.5	4.2
November	30.001	30.113	29.891	75.4	74.5	79.6	70.5	75.0	85	67	65	65	72	73	.628	.617	2.96	.58	6.5	5.8	6.7
December	29.994	30.071	29.913	72.6	71.6	77.5	67.3	72.4	81	63	61	61	68	70	.544	.541	.52	.19	4.4	3.3	4.4
Year	29.991	30.180	29.817	75.4	73.9	80.1	69.8	75.0	87	58	63	64	67	70	.590	.590	18.53	3.01	4.7	4.8	5.6

HOUGHTON, MICH.

[ϕ=47° 7′ N.; λ=88° 34′ W.]

January	29.198	29.799	28.566	13.6	.....	23.6	7.4	15.5	41	− 8	9	....	79	....	0.068	.....	1.62	0.84	8.2	.....	8.5
February	29.241	29.628	28.952	7.0	.....	17.3	.0	8.6	32	−17	3	....	80	....	.052	.....	1.29	.40	8.4	.....	6.9
March	29.195	29.673	28.830	14.5	.....	27.0	9.8	18.4	51	−19	10	....	82	....	.080	.....	3.39	1.53	7.0	.....	5.7
April	29.348	29.821	28.973	36.9	.....	49.9	30.6	40.2	86	20	32	....	81	....	.188	.....	1.30	.56	5.3	.....	4.1
May	29.290	29.794	28.831	43.3	.....	55.7	37.3	46.5	81	28	38	....	82	....	.234	.....	2.88	.82	6.1	.....	6.3
June	29.284	29.879	28.916	59.2	.....	73.1	50.3	61.7	91	34	52	....	79	....	.418	.....	2.54	.97	3.3	.....	4.0
July	29.213	29.522	28.601	59.0	.....	71.2	53.0	62.1	84	46	55	....	86	....	.432	.....	3.23	1.02	4.8	.....	5.3
August	29.278	29.601	28.896	60.1	.....	72.8	55.8	64.3	95	46	56	....	86	....	.448	.....	2.53	1.36	5.9	.....	5.6
September	29.341	29.749	28.829	51.2	.....	64.2	47.0	55.6	94	33	49	....	91	....	.356	.....	4.01	1.42	5.6	.....	5.7
October	29.232	29.709	28.899	41.0	.....	51.7	37.2	44.4	79	24	38	....	89	....	.245	.....	3.12	.73	7.1	.....	7.8
November	29.262	29.593	28.733	35.1	.....	43.8	31.0	37.4	63	16	31	....	85	....	.179	.....	2.90	1.38	7.4	.....	6.9
December	29.334	29.667	29.062	27.2	.....	35.6	23.6	29.6	57	8	24	....	86	....	.131	.....	.36	.23	6.2	.....	6.6
Year	29.268	29.879	28.566	37.3	.....	48.8	31.9	40.4	95	−19	33	....	84	....	.236	.....	29.17	1.53	6.3	.....	6.1

HOUSTON, TEX.

[ϕ=29° 47′ N.; λ=95° 24′ W.]

January	29.961	30.332	29.602	49.7	.....	63.8	45.7	54.8	79	24	46	....	87	....	0.346	.....	3.34	1.73	5.3	.....	6.4
February	29.924	30.211	29.555	48.1	.....	62.9	45.6	54.2	76	34	44	....	88	....	.311	.....	3.16	1.23	4.6	.....	5.8
March	29.950	30.433	29.525	53.6	.....	68.6	50.9	59.8	84	32	49	....	84	....	.385	.....	3.31	1.58	6.5	.....	5.8
April	29.925	30.232	29.647	59.8	.....	77.1	57.4	67.2	84	42	55	....	85	....	.457	.....	4.49	2.72	4.0	.....	3.3
May	29.855	30.023	29.729	67.5	.....	83.0	64.6	73.8	91	56	64	....	89	....	.604	.....	3.56	1.89	2.9	.....	4.2
June	29.852	29.980	29.734	73.5	.....	87.3	70.5	78.9	94	64	69	....	87	....	.723	.....	2.63	1.97	4.0	.....	5.4
July	29.895	30.047	29.759	77.1	.....	93.5	74.6	84.0	101	72	73	....	87	....	.805	.....	1.37	.97	1.9	.....	3.3
August	29.858	29.992	29.764	76.0	.....	92.5	74.5	83.5	99	69	72	....	87	....	.781	.....	.88	.51	3.1	.....	4.6
September	29.799	29.973	29.574	70.5	.....	83.2	68.7	76.0	97	54	68	....	91	....	.690	.....	13.37	4.55	6.2	.....	6.9
October	29.889	30.297	29.667	61.1	.....	76.6	58.8	67.7	91	40	57	....	86	....	.521	.....	9.86	4.62	2.9	.....	4.7
November	29.970	30.281	29.705	60.8	.....	75.3	59.2	67.2	82	43	57	....	88	....	.493	.....	2.31	1.40	4.0	.....	5.1
December	29.967	30.360	29.656	48.6	.....	60.1	46.6	53.4	76	32	45	....	87	....	.320	.....	6.22	1.52	6.4	.....	6.5
Year	29.904	30.433	29.525	62.2	.....	77.0	59.8	68.4	101	24	58	....	87	....	.536	.....	54.50	4.62	4.3	.....	5.2

HURON, S. DAK.

[ϕ=44° 21′ N.; λ=98° 14′ W.]

January	28.631	29.233	28.081	7.5	17.6	28.0	2.5	15.2	56	−20	3	8	82	66	0.053	0.071	0.03	0.01	3.7	5.2	5.0
February	28.697	29.127	28.196	6.1	19.9	27.1	1.5	14.3	67	−19	3	10	86	64	.053	.071	.23	.14	5.0	3.7	3.9
March	28.604	29.001	28.131	18.4	30.4	37.6	13.5	25.6	65	−20	16	21	88	69	.098	.120	1.24	.83	6.8	6.2	5.8
April	28.621	28.953	28.050	37.4	56.0	61.9	35.4	48.6	85	23	32	32	82	44	.185	.185	1.81	.63	3.7	4.9	4.0
May	28.613	29.117	28.254	47.7	61.4	65.5	44.9	55.2	92	32	42	44	82	58	.285	.316	4.53	1.99	7.4	7.2	6.5
June	28.572	29.030	28.095	62.0	78.5	83.9	57.4	70.6	98	36	54	56	74	47	.426	.467	1.06	.76	3.7	4.1	2.8
July	28.590	28.926	28.232	62.5	78.9	83.7	58.4	71.0	99	50	57	59	84	53	.483	.513	3.82	1.51	4.0	3.9	3.3
August	28.607	28.948	28.297	63.7	81.6	87.2	61.6	74.4	98	49	56	58	79	48	.476	.510	2.35	1.05	4.7	5.2	4.3
September	28.646	28.995	28.217	51.3	68.2	75.8	48.6	62.2	102	25	46	46	82	48	.329	.335	.63	.35	4.5	5.2	5.3
October	28.626	29.184	28.082	35.2	49.6	57.1	31.2	44.2	90	23	29	30	79	50	.174	.184	1.98	1.00	5.0	5.0	5.8
November	28.629	29.031	28.087	31.0	42.0	51.3	27.9	39.6	68	14	27	29	85	62	.150	.166	.14	.09	4.8	5.1	5.2
December	28.768	29.094	28.399	17.2	29.9	38.2	15.1	26.6	57	−10	15	20	90	67	.092	.114	.05	.05	.26	3.6	4.1
Year	28.634	29.233	28.050	36.7	51.1	58.1	33.2	45.6	102	−20	32	34	83	56	.234	.254	17.87	1.99	4.7	4.9	4.7

Annual meteorological summary for the year ending December 31, 1913—Continued.

HONOLULU, HAWAII.

[H=38 ft.; h_1=111 ft.; h_2=99 ft.; h_3=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.	0.01 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	NE.	26	W.	0	9	31	16	2	0	1	0	2	1	7	13	11	9	4	0	0	0	0	0	0	0	1	0
February	8.1	NE.	32	SW.	0	10	24	9	1	3	3	4	2	0	5	16	7	9	6	0	0	0	0	0	0	0	0	0
March	8.0	NE.	29	E.	0	11	33	17	0	0	0	0	1	0	4	16	11	13	9	0	0	0	0	0	0	0	0	0
April	11.5	E.	29	NE.	0	0	22	36	1	1	0	0	0	0	5	17	8	21	12	0	0	0	0	0	0	0	0	0
May	6.9	E.	26	SW.	0	1	28	25	3	3	1	0	1	0	5	17	9	14	9	0	0	0	0	0	0	0	0	0
June	8.1	E.	30	E.	0	0	24	31	2	1	1	0	1	0	1	19	10	16	8	0	0	0	0	0	0	0	1	0
July	8.0	E.	24	NE.	0	1	19	40	2	0	0	0	0	0	5	24	2	8	2	0	0	0	0	0	0	0	0	0
August	8.0	NE.	26	NE.	0	1	27	24	2	2	2	1	2	1	16	10	5	12	7	0	0	0	0	0	0	0	0	0
September	7.4	NE.	25	NE.	0	1	30	24	3	0	0	1	1	0	7	18	5	11	4	0	0	0	0	0	0	0	1	0
October	5.7	NE.	23	E.	0	3	32	13	7	0	0	3	3	1	14	16	1	8	3	0	0	0	0	0	0	0	3	0
November	10.1	E.	32	NE.	0	1	19	30	4	1	1	0	3	1	2	14	14	22	13	0	0	0	0	0	0	0	1	0
December	7.2	NE.	32	NE.	0	5	35	14	1	0	3	2	2	0	16	9	6	7	5	0	0	0	0	0	0	0	0	0
Year	8.0	NE.	32	NE.	0	43	324	279	28	11	12	11	18	4	87	189	80	150	82	0	0	0	0	0	0	0	7	0

HOUGHTON, MICH.

[H=668 ft.; h_1=82 ft.; h_2=57 ft.; h_3=72 ft.]

January	8.6	NW.	36	W.	0	6	0	4	7	1	3	5	4	1	2	4	25	18	7	26	18	0	0	26	0	31	0	0
February	11.7	W.	40	NW.	1	3	0	8	0	0	0	12	5	0	5	8	15	18	13	23	18	0	0	28	0	28	0	0
March	9.2	W.	38	N.	0	5	3	5	6	0	2	4	6	0	11	8	12	15	13	19	13	0	1	19	0	29	2	0
April	9.2	E.	39	E.	0	3	1	10	5	0	2	4	5	0	14	10	6	10	9	7	4	0	0	1	0	19	1	0
May	9.0	E.	32	NW.	0	5	2	10	2	0	2	6	3	1	6	12	13	12	11	1	0	0	2	0	0	7	1	0
June	8.1	W.	31	N.	0	1	0	6	6	0	2	11	3	1	16	9	5	10	8	0	0	0	4	0	1	0	7	0
July	9.0	W.	48	W.	1	0	1	6	4	0	1	13	5	1	8	15	8	12	11	0	0	0	3	0	0	0	7	0
August	8.2	E.	31	W.	0	2	1	12	1	2	0	8	4	1	6	16	9	11	8	0	0	0	2	0	1	0	5	1
September	8.6	E.	37	N.	0	6	0	6	7	1	0	2	7	1	9	10	11	12	11	2	2	0	5	0	1	0	1	1
October	9.1	W.	37	W.	0	3	4	3	6	1	0	7	6	1	4	7	20	16	10	10	4	0	2	3	0	11	3	1
November	10.2	W.	38	N.	0	3	2	5	3	4	0	8	4	1	6	7	17	10	8	8	5	0	0	4	0	19	0	0
December	9.4	W.	39	N.	0	4	3	5	0	0	1	12	6	0	8	6	17	4	3	10	4	0	0	14	0	26	0	0
Year	9.2	W.	48	W.	2	41	17	80	47	9	13	92	58	8	95	112	158	148	112	106	68	0	19	95	3	170	27	3

HOUSTON, TEX.

[H=138 ft.; h_1=111 ft.; h_2=104 ft.; h_3=121 ft.]

January	9.0	NW.	29	NW.	0	5	4	2	1	5	3	1	7	0	9	5	17	10	7	1	0	0	4	0	6	5	1	0
February	8.7	SE.	30	SE.	0	8	5	5	3	2	0	3	2	0	9	8	11	9	8	0	0	1	2	0	0	0	2	0
March	10.7	SE.	40	S.	1	3	6	4	6	5	1	0	6	0	8	9	14	9	6	0	0	1	1	0	0	0	3	0
April	9.7	SE.	34	S.	0	7	2	3	10	1	3	2	2	0	19	5	6	5	5	0	0	0	2	0	0	0	3	0
May	8.9	SE.	33	SE.	0	3	5	2	12	3	2	2	2	0	17	8	6	6	5	0	0	0	2	0	1	0	4	0
June	8.1	SE.	38	SE.	0	2	9	5	5	4	3	2	0	0	8	14	8	9	6	0	0	0	0	0	12	0	0	0
July	7.5	S.	31	NE.	0	0	3	0	4	9	5	5	5	0	20	9	2	5	4	0	0	0	0	0	27	0	7	0
August	6.3	SE.	31	SE.	0	2	11	2	2	4	2	5	3	0	13	13	5	10	6	0	0	0	0	0	25	0	15	0
September	6.7	SE.	38	SE.	0	5	13	2	3	0	1	1	4	1	4	10	16	17	12	0	0	0	2	0	5	0	7	0
October	7.8	SE.	29	SE.	0	2	10	4	5	1	0	2	7	0	11	11	9	12	9	0	0	0	4	0	1	0	6	0
November	8.4	SE.	31	SE.	0	0	7	5	14	0	1	1	2	0	10	13	7	5	5	0	0	0	5	0	0	0	4	0
December	7.9	NW.	24	SE.	0	8	7	5	4	0	1	0	6	0	7	10	14	9	8	0	0	0	1	0	0	1	1	0
Year	8.3	NE.	40	S.	1	45	82	39	72	34	22	24	46	1	135	115	115	106	81	1	0	2	23	0	71	6	53	0

HURON, S. DAK.

[H=1,306 ft.; h_1=56 ft.; h_2=52 ft.; h_3=67 ft.]

January	11.1	N.W	37	NW.	0	17	3	0	8	14	1	4	15	0	11	10	10	3	0	7	3	0	0	18	0	31	0	0
February	10.2	NW.	37	NW.	0	17	1	0	2	10	7	6	13	0	14	9	5	4	3	7	4	0	0	19	0	28	0	0
March	12.9	N.	48	N.	3	19	2	3	2	9	6	7	14	0	7	13	11	10	7	13	7	0	0	10	0	28	0	0
April	13.5	S.	40	SE.	1	13	4	3	13	16	1	4	6	0	15	7	8	8	6	4	3	0	0	0	0	12	3	0
May	10.3	NW.	36	NE.	0	11	9	10	5	13	0	1	13	0	7	11	13	12	12	0	0	1	0	0	3	0	6	0
June	12.0	S.	34	S.	0	3	8	10	9	22	0	5	3	0	16	14	0	4	2	0	0	0	0	0	10	0	4	0
July	9.1	N.	44	NW.	1	11	11	5	10	8	5	5	7	0	16	13	2	11	9	0	0	0	0	0	4	0	9	0
August	8.3	SE.	32	S.	0	6	6	9	15	17	3	1	5	0	13	12	6	7	5	0	0	0	0	0	10	0	10	0
September	10.9	S.	39	S.	0	9	8	3	7	20	0	3	9	1	8	11	11	6	4	0	0	0	0	0	5	2	3	0
October	9.9	NW.	42	NW.	1	11	2	2	6	12	4	6	18	1	8	11	12	5	4	5	2	1	0	3	1	15	2	0
November	9.3	S.	34	N.	0	10	2	2	6	22	0	4	14	0	10	12	8	2	2	2	1	0	3	0	0	24	0	0
December	7.5	S.	37	N.	0	15	3	1	7	14	5	6	11	0	18	3	10	1	1	3	0	0	1	8	0	27	0	0
Year	10.4	S.	48	N.	6	142	59	48	90	177	32	52	128	2	143	126	96	73	55	41	20	2	4	58	33	167	37	0

Annual meteorological summary for the year ending December 31, 1913—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	26.081	26.506	25.610	25.2	38.9	46.4	20.4	33.4	65	4	22	30	89	75	0.120	0.168	0.34	0.22	2.7	3.8	3.5
February	25.959	26.403	25.532	29.7	45.1	49.2	26.6	37.9	67	16	28	31	92	61	.151	.176	2.70	1.02	3.2	5.6	4.3
March	26.036	26.370	25.566	32.8	54.8	57.9	29.4	43.6	78	14	27	27	80	38	.149	.146	.06	.04	2.0	4.4	2.9
April	25.963	26.280	25.648	42.5	62.5	68.6	38.3	54.0	84	27	28	26	57	24	.151	.141	.00	.00	2.9	4.2	2.7
May	25.947	26.129	25.673	48.4	74.2	77.6	46.4	62.0	89	29	36	33	63	25	.217	.200	.32	.31	3.4	5.2	3.5
June	25.907	26.127	25.611	53.7	78.2	81.9	51.6	66.8	92	42	39	38	60	26	.246	.234	.07	.05	3.6	5.5	3.7
July	25.999	26.112	25.735	62.5	86.4	89.5	61.1	75.3	103	51	46	44	58	28	.317	.309	1.56	1.33	3.9	5.0	3.5
August	26.030	26.257	25.828	61.4	84.6	87.9	59.1	73.5	96	50	45	44	58	26	.308	.295	.96	.67	4.5	5.3	4.5
September	26.001	26.134	25.755	55.4	79.8	83.5	53.0	68.2	94	39	43	45	64	30	.286	.313	.00	.00	1.2	2.0	1.5
October	26.056	26.321	25.661	45.7	65.4	72.7	41.8	57.2	82	29	34	38	65	40	.197	.238	T.	T.	1.5	3.6	2.5
November	26.036	26.312	25.747	37.0	49.8	57.3	33.7	45.5	76	24	34	36	90	62	.191	.216	.95	.90	4.1	4.6	5.4
December	26.085	26.301	25.828	27.7	38.9	46.5	24.5	35.5	61	18	26	31	95	76	.142	.176	.38	.14	4.6	5.5	5.4
Year	26.008	26.506	25.532	43.5	63.2	68.2	40.6	54.4	103	4	34	35	73	43	.206	.218	7.34	1.33	3.1	4.6	3.6

INDIANAPOLIS, IND.

[ϕ=39° 46′ N.; λ=86° 10′ W.]

January	29.172	29.732	28.576	33.4	35.4	43.6	26.6	35.1	59	5	30	30	86	80	0.179	0.173	7.63	1.58	7.4	7.2	7.3
February	29.199	29.618	28.677	22.2	29.9	35.4	19.4	27.4	65	− 1	18	20	82	67	.111	.123	1.85	.94	4.9	4.1	5.4
March	29.182	29.782	28.400	33.9	42.1	49.7	29.1	39.4	71	4	28	31	77	67	.166	.193	7.76	3.70	5.6	5.1	5.8
April	29.195	29.610	28.879	45.9	55.5	61.2	42.7	52.0	78	31	36	39	69	59	.220	.254	3.01	.83	4.7	6.2	5.5
May	29.163	29.547	28.815	57.6	67.9	74.0	53.4	63.7	87	38	46	48	67	51	.329	.355	1.49	.74	5.3	5.2	5.9
June	29.183	29.627	29.001	68.7	77.9	85.0	63.4	74.2	97	42	56	57	66	53	.483	.503	2.35	.77	3.5	4.7	4.7
July	29.128	29.295	28.876	71.6	81.3	88.3	67.5	77.9	102	54	63	64	74	57	.588	.609	3.88	1.94	3.9	4.5	5.1
August	29.146	29.286	28.973	69.7	79.5	85.9	66.7	76.3	96	57	62	64	77	60	.570	.609	4.98	3.08	3.9	4.4	4.8
September	29.217	29.442	28.797	59.7	68.8	75.6	56.3	66.0	96	37	53	54	79	61	.420	.443	3.03	1.12	5.6	4.9	6.4
October	29.140	29.697	28.637	49.0	56.9	63.5	46.5	55.0	85	29	44	45	83	67	.301	.314	2.73	.96	5.5	3.8	5.8
November	29.250	29.742	28.732	42.9	49.4	54.5	40.8	47.6	73	20	36	40	78	71	.235	.275	6.20	1.90	6.4	6.1	7.2
December	29.251	29.610	28.744	34.3	37.9	42.5	31.8	37.2	58	16	30	32	84	79	.176	.192	.49	.17	6.2	6.2	7.2
Year	29.186	29.782	28.400	49.1	56.9	63.3	45.4	54.3	102	− 1	42	44	77	64	.315	.337	45.40	3.70	5.2	5.2	5.9

IOLA, KANS.

[ϕ=37° 55′ N.; λ=95° 25′ W.]

January	30.095	29.423	28.443	26.4	.....	40.9	20.4	30.6	63	− 3	23	....	87	....	0.138	.....	0.85	0.32	4.3	.....	4.8
February	30.147	29.420	28.502	22.1	.....	38.0	17.7	27.8	72	− 3	17	....	81	....	.107	.....	2.93	1.41	6.1	.....	5.5
March	30.092	29.424	28.252	32.5	.....	51.1	28.6	39.8	72	5	26	....	78	....	.154	.....	2.13	.82	4.9	.....	4.5
April	29.998	29.336	28.480	50.6	.....	71.2	45.6	58.4	87	33	42	....	72	....	.273	.....	1.30	.78	4.2	.....	4.1
May	29.954	29.280	28.699	60.5	.....	78.2	55.9	67.0	98	44	53	....	78	....	.416	.....	3.35	1.65	4.8	.....	3.7
June	29.992	29.332	28.716	68.8	.....	86.9	63.1	75.0	97	44	60	....	74	....	.530	.....	4.26	3.22	5.0	.....	3.8
July	29.965	29.129	28.688	73.7	.....	93.8	69.3	81.6	102	57	65	....	76	....	.626	.....	2.30	.52	3.8	.....	3.0
August	29.969	29.201	28.814	72.2	.....	99.7	69.1	84.4	105	56	59	....	64	....	.512	.....	.15	.11	1.7	.....	1.5
September	30.009	29.196	28.716	60.7	.....	79.7	58.1	68.9	104	39	55	....	82	....	.453	.....	3.12	2.07	4.8	.....	4.9
October	30.031	29.538	28.642	46.7	.....	65.5	43.6	54.6	84	21	44	....	89	....	.317	.....	3.70	1.22	4.3	.....	4.1
November	30.095	29.450	28.731	47.6	.....	60.7	44.1	52.4	77	25	43	....	86	....	.305	.....	1.67	.72	6.0	.....	6.2
December	30.183	29.482	28.660	33.8	.....	43.8	31.5	37.6	58	10	32	....	94	....	.196	.....	3.98	1.83	6.8	.....	7.3
Year	30.044	29.538	28.443	49.6	.....	67.5	45.6	56.5	105	− 3	43	....	80	....	.336	.....	29.74	3.22	4.7	.....	4.5

JACKSONVILLE, FLA.

[ϕ=30° 20′ N.; λ=81° 39′ W.]

January	30.142	30.489	29.536	57.4	62.4	71.5	55.7	63.6	80	43	55	58	93	86	0.453	0.495	1.53	1.02	5.3	3.9	4.9
February	30.045	30.355	29.796	52.5	59.4	66.4	50.4	58.4	80	35	48	51	87	75	.360	.389	4.87	1.90	5.1	5.1	5.8
March	30.119	30.573	29.704	60.7	65.1	72.8	56.9	64.8	84	41	56	57	86	78	.479	.498	5.87	1.34	6.5	4.4	6.4
April	30.040	30.339	29.746	62.8	67.3	76.3	58.3	67.3	85	48	54	54	75	63	.438	.427	1.32	.87	3.0	2.5	2.9
May	30.000	30.219	29.742	70.5	73.9	83.5	65.1	74.3	94	58	64	63	79	69	.589	.578	1.06	.53	2.8	4.5	3.5
June	29.997	30.122	29.839	74.4	77.0	87.0	69.6	78.3	97	54	68	67	81	72	.697	.668	4.55	2.43	3.4	4.7	4.6
July	30.034	30.199	29.853	78.8	80.1	91.4	73.2	82.3	97	69	73	72	82	76	.806	.777	6.28	2.28	2.3	5.2	4.5
August	29.994	30.155	29.851	77.1	78.2	88.6	72.9	80.8	94	70	73	72	87	83	.809	.795	3.32	.89	4.1	4.9	5.5
September	30.007	30.148	29.815	73.6	76.1	85.0	69.6	77.3	92	55	68	69	84	80	.701	.721	3.74	1.13	3.7	3.7	5.0
October	29.985	30.296	29.721	62.7	69.9	78.6	59.7	69.2	90	42	56	58	81	67	.479	.502	1.35	1.20	3.4	2.2	3.3
November	30.144	30.351	29.635	57.0	62.6	71.7	54.7	63.2	80	35	53	56	85	78	.422	.462	.32	.26	4.2	3.1	4.1
December	30.047	30.371	29.583	52.8	58.0	65.9	50.6	58.2	79	32	49	51	88	79	.375	.396	4.49	2.48	5.5	4.3	5.3
Year	30.046	30.573	29.536	65.0	69.2	78.2	61.4	69.8	97	32	60	61	84	76	.551	.559	38.70	2.48	4.1	4.0	4.6

Annual meteorological summary for the year ending December 31, 1913—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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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.	42	SE.	1	20	1	0	5	7	5	3	21	0	16	11	4	2	2	3	0	0	0	2	0	27	0	0
February	6.9	N.	34	N.	0	22	2	0	12	5	1	3	11	0	12	9	7	6	5	4	3	0	0	0	0	20	0	0
March	6.4	N.	40	NE.	1	29	0	0	1	16	1	4	9	2	20	11	0	2	1	1	0	0	0	0	0	21	0	0
April	7.1	N.	47	SE.	1	13	2	0	4	12	4	10	11	4	18	12	0	0	0	0	0	0	0	0	0	3	0	0
May	7.8	N.	30	NW.	0	16	2	0	6	15	4	8	11	0	18	9	4	2	1	0	0	0	0	0	0	1	3	0
June	7.8	NW.	32	SE.	0	15	1	1	12	4	8	2	17	0	14	10	6	3	1	0	0	0	0	0	3	0	2	0
July	5.3	NW.	26	S.	0	14	4	3	7	7	5	6	15	1	16	11	4	6	4	0	0	0	0	0	18	0	5	0
August	3.7	S.	24	S.	0	8	1	3	5	18	5	8	14	0	14	11	6	7	4	0	0	0	0	0	13	0	6	0
September	3.7	NW.	25	N.	0	6	0	5	6	14	1	7	18	3	26	4	0	0	0	0	0	0	0	0	6	0	0	0
October	5.0	NW.	34	N.	0	7	0	0	11	13	2	3	24	2	22	9	0	0	0	0	0	0	0	0	0	2	1	0
November	4.6	S.	34	SE.	0	11	0	1	5	19	7	7	10	0	8	11	11	6	2	0	0	0	0	0	0	12	0	0
December	5.0	NW.	35	NW.	0	16	1	0	3	11	4	7	20	0	11	8	12	3	3	1	0	0	0	0	0	29	0	0
Year	5.9	NW.	47	SE.	3	177	14	13	77	141	47	68	181	12	195	116	54	37	23	9	3	0	0	2	40	115	17	0

INDIANAPOLIS, IND.

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

January	12.4	S.	36	NW.	0	3	8	2	8	18	10	5	8	0	3	9	19	17	15	10	5	0	2	4	0	23	1	0
February	10.9	SW.	44	SW.	1	5	5	2	6	8	13	6	11	0	12	5	11	11	6	10	5	0	0	11	0	24	0	0
March	14.7	SW.	60	SW.	5	6	5	2	6	11	21	3	8	0	8	12	11	19	12	11	10	0	1	5	0	16	6	0
April	12.0	N.	44	SW.	1	16	7	4	8	4	10	3	8	0	11	7	12	13	11	1	0	0	0	0	0	2	2	0
May	9.6	SW.	42	SW.	1	7	9	5	10	11	9	1	10	0	8	11	12	9	7	0	0	0	0	0	0	0	6	0
June	8.9	NE.	38	SW.	0	6	17	3	6	10	13	1	4	0	12	12	6	9	6	0	0	0	1	0	0	13	0	11
July	9.0	SW.	49	SE.	1	12	6	8	7	1	22	0	6	0	8	21	2	12	10	0	0	0	1	0	0	14	0	12
August	7.2	NE.	30	S.	0	10	17	9	7	5	9	2	3	0	12	14	5	9	5	0	0	0	0	0	8	0	7	0
September	8.4	NE.	29	W.	0	2	20	4	14	6	6	2	5	1	7	8	15	12	10	0	0	1	1	0	4	0	4	0
October	9.1	SE.	34	NW.	0	6	8	1	16	9	7	3	12	0	9	8	14	10	7	3	1	0	0	0	0	6	1	0
November	10.8	SW.	38	NW.	0	2	3	2	16	13	10	7	7	0	7	3	20	15	11	3	1	0	2	2	0	7	3	0
December	8.2	SW.	33	E.	0	9	7	4	6	5	17	5	9	0	6	6	19	7	4	3	2	0	3	5	0	19	0	0
Year	10.1	SW.	60	SW.	9	84	112	46	110	101	147	38	91	1	103	116	146	143	104	41	24	3	9	27	39	97	53	0

IOLA, KANS.

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

January	9.7	S.	33	NE.	0	6	3	0	3	6	4	2	7	0	13	9	9	7	5	7	1	0	0	9	0	28	0	0
February	7.5	N.	30	S.	0	4	7	2	2	3	3	3	4	0	12	4	12	9	7	8	6	0	1	12	0	23	0	0
March	10.9	S.	37	SW.	0	9	0	1	3	9	4	2	3	0	15	8	8	12	8	7	3	2	0	5	0	18	5	0
April	9.7	S.	35	S.	0	1	2	3	6	7	2	3	5	1	16	8	6	4	4	0	0	1	0	0	0	0	3	0
May	8.5	S.	28	S.	0	3	2	3	6	11	2	1	3	0	14	14	3	9	5	0	0	0	0	0	3	0	6	0
June	7.3	S.	25	S.	0	2	3	4	3	15	2	1	0	0	15	10	5	7	7	0	0	0	0	0	16	0	7	0
July	6.5	S.	22	NW.	0	2	7	2	4	14	2	0	0	0	18	12	1	8	4	0	0	0	0	0	23	0	8	0
August	6.0	S.	24	N.	0	7	0	3	6	14	1	0	0	0	26	5	0	3	2	0	0	0	0	0	30	0	4	0
September	6.6	S.	26	NW.	0	2	7	4	5	8	1	1	2	0	12	8	10	12	8	0	0	0	0	0	8	0	3	0
October	7.2	S.	25	S.	0	4	5	1	2	10	1	2	6	0	13	10	8	8	7	3	2	0	0	0	9	0	2	0
November	8.0	S.	29	SW.	0	2	3	2	2	12	3	1	5	0	7	8	15	10	7	0	0	0	2	0	0	5	1	0
December	5.5	SW.	28	N.	0	6	4	5	3	5	5	2	1	0	7	3	21	10	9	6	3	0	3	5	0	19	0	0
Year	7.8	S.	37	SW.	0	48	43	30	45	114	30	18	36	1	168	99	98	99	73	31	15	3	6	31	80	102	39	0

JACKSONVILLE, FLA.

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

January	9.4	NE.	46	SW.	2	13	11	3	11	6	8	8	2	0	11	13	7	7	4	0	0	0	5	0	0	0	2	0
February	8.5	NW.	59	SW.	1	13	3	5	3	3	8	6	15	0	9	7	12	11	11	0	0	0	1	0	0	0	3	0
March	10.8	NE.	52	SW.	1	9	15	7	7	10	4	2	8	0	6	12	13	17	13	0	0	0	0	0	0	0	5	0
April	9.9	SE.	34	NE.	0	1	9	8	14	3	7	6	12	0	20	6	4	4	4	0	0	0	0	0	0	0	2	0
May	8.7	S.	33	N.	0	4	12	6	11	11	9	4	5	0	18	7	6	5	5	0	0	1	0	0	2	0	7	0
June	8.1	SE.	36	SW.	0	6	2	5	18	12	11	5	1	0	11	15	4	10	9	0	0	1	0	0	9	0	11	0
July	7.5	SW.	50	SW.	1	0	1	4	12	14	20	9	2	0	11	19	1	15	11	0	0	0	0	0	24	0	24	0
August	7.4	NE.	30	S.	0	5	12	4	9	12	11	6	3	0	9	15	7	16	11	0	0	0	0	0	11	0	19	0
September	8.5	NE.	30	NE.	0	11	14	17	5	8	1	0	4	0	10	13	7	9	8	0	0	0	0	0	2	0	8	0
October	8.5	W.	39	W.	0	7	7	3	3	6	9	13	14	0	17	7	7	3	3	0	0	0	0	0	1	0	1	0
November	9.2	NE.	36	SW.	0	18	20	9	3	0	4	1	5	0	15	8	7	4	1	0	0	0	2	0	0	0	0	0
December	7.9	NE.	48	W.	1	16	18	2	4	5	4	2	11	0	10	12	9	11	10	0	0	0	4	0	0	1	2	0
Year	8.7	NE.	59	SW.	6	103	124	73	100	90	96	62	82	0	147	134	84	112	90	0	0	2	12	0	49	1	84	0

Annual meteorological summary for the year ending December 31, 1913—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	26.863	27.308	26.238	15.8	20.4	26.1	10.3	18.2	45	−12	13	16	86	80	0.081	0.091	2.69	0.80	7.5	7.0	7.1
February	26.990	27.320	26.614	10.9	21.9	26.3	7.7	17.0	48	−16	8	14	86	69	.069	.086	.33	.14	6.1	6.9	5.9
March	26.919	27.220	26.511	20.4	31.9	35.5	17.7	26.6	49	−12	17	21	86	63	.104	.117	1.73	.64	7.3	6.9	6.5
April	26.902	27.148	26.460	31.9	51.3	55.3	30.5	42.9	75	24	26	30	79	47	.142	.166	.86	.30	6.2	5.3	5.0
May	26.910	27.168	26.664	40.4	58.2	62.9	38.9	50.9	81	25	35	38	81	50	.205	.235	.92	.28	6.0	6.8	5.5
June	26.839	27.130	26.592	50.3	67.8	73.7	47.7	60.7	86	34	44	46	81	51	.298	.325	3.21	1.56	5.1	6.6	4.8
July	26.965	27.193	26.615	49.1	72.6	76.5	47.1	61.8	91	36	43	46	80	40	.278	.312	.38	.14	4.5	4.6	3.9
August	26.974	27.252	26.524	50.0	73.9	78.6	48.0	63.3	90	36	44	46	80	40	.294	.317	.61	.23	3.7	5.1	3.9
September	26.977	27.312	26.658	41.2	61.9	68.6	38.3	53.4	80	27	34	39	78	41	.201	.243	.31	.27	4.0	3.4	3.5
October	26.993	27.372	26.494	32.2	43.9	49.5	29.2	39.4	78	19	29	32	86	66	.159	.185	1.29	.65	5.7	6.5	7.0
November	26.879	27.333	26.430	32.0	37.2	42.5	28.3	35.4	58	15	28	31	86	79	.157	.174	1.16	.27	7.3	6.6	7.6
December	27.055	27.422	26.282	22.0	26.2	30.5	19.0	24.8	44	11	19	22	87	82	.099	.115	.48	.24	7.9	6.9	7.6
Year	26.939	27.422	26.238	33.0	47.4	52.2	30.2	41.2	91	−16	28	32	83	59	.174	.197	13.97	1.56	5.9	6.0	5.7

KANSAS CITY, MO.

[ϕ=39° 5′ N.; λ=94° 37′ W.]

January	29.016	29.558	28.603	26.6	32.1	39.3	20.9	30.1	60	− 2	19	21	73	64	0.116	0.126	0.65	0.32	4.9	3.9	5.2
February	29.049	29.467	28.600	22.5	31.5	36.2	20.1	28.2	68	1	16	22	76	68	.098	.122	3.07	1.17	5.1	5.4	5.4
March	28.983	29.474	28.106	32.7	43.5	49.3	29.5	39.4	77	4	26	32	74	66	.150	.194	2.24	.72	5.3	5.9	5.3
April	28.969	29.315	28.468	50.3	61.3	66.8	47.6	57.2	85	36	40	43	69	55	.254	.290	2.05	.96	4.5	4.3	4.6
May	28.940	29.316	28.623	59.5	71.0	74.7	57.2	66.0	96	40	53	59	81	68	.417	.517	4.45	1.90	6.0	4.2	5.1
June	28.976	29.389	28.629	69.4	80.9	85.3	66.2	75.8	95	48	59	61	71	56	.517	.557	2.81	1.85	4.7	3.8	4.6
July	28.945	29.152	28.627	73.9	87.0	91.5	71.8	81.6	103	62	62	61	69	45	.576	.557	3.86	1.21	3.9	2.8	3.4
August	28.940	29.227	28.708	76.0	91.7	96.5	74.4	85.4	103	63	58	55	54	32	.490	.467	.93	.85	2.8	2.7	2.4
September	28.998	29.238	28.729	62.6	72.4	77.0	61.2	69.1	101	42	54	54	76	57	.441	.438	4.14	1.87	5.3	5.3	5.3
October	28.991	29.586	28.621	48.2	57.6	63.5	45.8	54.6	85	23	42	44	81	61	.307	.318	5.64	1.94	4.4	3.9	4.9
November	29.038	29.467	28.693	47.4	53.9	58.2	44.8	51.5	74	28	41	44	79	71	.284	.312	1.80	.81	6.2	5.4	6.3
December	29.112	29.493	28.633	34.8	39.2	43.3	32.4	37.8	57	15	32	35	89	83	.194	.214	3.35	1.72	6.7	6.4	6.9
Year	28.996	29.586	28.106	50.3	60.2	65.1	47.7	56.4	103	− 2	42	44	74	60	.320	.343	34.99	1.94	5.0	4.5	5.0

KEOKUK, IOWA.

[ϕ=40° 22′ N.; λ=91° 26′ W.]

January	29.384	29.930	28.976	25.3	29.2	38.2	18.6	28.4	60	− 5	20	24	80	79	0.120	0.138	1.04	0.50	7.6	4.5	5.2
February	29.424	29.893	28.841	19.9	28.7	34.2	16.5	25.4	68	− 4	15	22	81	75	.096	.130	2.39	1.29	5.3	4.6	5.0
March	29.355	29.940	28.460	30.0	40.4	47.2	26.7	37.0	71	− 7	25	31	83	70	.147	.186	2.82	1.14	4.5	4.9	5.0
April	29.374	29.763	28.900	46.9	57.7	63.0	43.0	53.0	84	32	40	42	78	58	.258	.275	2.62	1.37	4.3	4.7	4.7
May	29.335	29.800	29.043	58.0	67.8	73.2	53.7	63.4	90	36	52	54	80	63	.397	.436	3.87	1.46	5.5	4.3	5.2
June	29.370	29.883	29.122	68.1	80.0	85.7	64.0	74.8	98	40	60	62	76	56	.543	.582	4.15	1.98	2.8	2.8	2.8
July	29.321	29.529	28.846	73.6	86.1	89.6	69.7	79.6	102	58	64	63	74	48	.613	.596	.09	.04	3.7	1.7	3.0
August	29.332	29.591	29.077	72.3	86.0	91.5	68.7	80.1	102	57	63	63	74	50	.585	.600	1.63	1.21	3.5	3.6	3.4
September	29.384	29.612	28.997	60.7	71.4	77.5	58.1	67.8	101	33	53	54	78	57	.430	.440	1.42	.80	4.6	4.1	4.7
October	29.353	29.979	29.065	46.2	55.4	62.0	43.5	52.8	83	20	41	43	83	65	.295	.308	1.43	.51	5.2	4.2	5.3
November	29.418	29.919	29.036	44.6	51.4	57.8	40.9	49.4	74	20	39	40	80	66	.263	.274	2.22	.76	5.9	5.7	6.2
December	29.495	29.834	29.060	33.6	38.1	43.0	30.9	37.0	58	15	31	33	88	82	.184	.199	1.35	.55	5.5	5.3	6.5
Year	29.379	29.979	28.460	48.3	57.7	63.6	44.5	54.1	102	− 7	42	44	80	64	.328	.347	25.03	1.98	4.9	4.2	4.8

KEY WEST, FLA.

[ϕ=24° 33′ N.; λ=81° 48′ W.]

January	30.106	30.250	29.827	71.9	73.1	78.6	69.7	74.2	82	60	68	67	86	83	0.678	0.675	1.62	0.86	3.5	2.2	3.4
February	30.030	30.219	29.854	70.9	72.7	79.1	68.0	73.6	83	55	66	67	86	82	.655	.669	1.57	1.38	4.0	2.0	3.5
March	30.066	30.234	29.882	75.5	75.6	82.2	72.6	77.4	85	69	69	69	81	80	.714	.705	.34	.11	4.8	2.8	4.2
April	30.026	30.170	29.862	74.1	73.4	80.5	70.9	75.2	84	63	63	61	68	66	.576	.549	.56	.26	3.2	3.9	4.2
May	29.994	30.122	29.903	77.2	76.4	83.5	72.2	77.8	86	67	68	67	73	72	.681	.659	3.46	1.48	3.7	3.4	4.0
June	29.995	30.095	29.928	80.4	79.2	85.3	75.0	80.2	88	70	72	71	77	77	.796	.769	3.13	1.25	6.0	5.4	5.8
July	30.044	30.135	29.940	82.4	81.5	87.7	77.8	82.8	90	73	73	73	74	74	.820	.804	1.00	.26	4.0	3.3	4.0
August	29.984	30.113	29.857	81.9	81.2	87.4	76.7	82.0	90	68	73	73	75	76	.813	.811	5.18	1.24	5.2	5.1	5.2
September	29.942	30.057	29.864	81.0	80.2	86.4	76.6	81.5	89	71	74	73	79	78	.831	.808	6.22	3.71	5.7	4.1	6.0
October	29.970	30.121	29.867	77.6	77.1	82.9	73.8	78.4	87	67	68	68	74	73	.701	.684	5.23	2.52	5.1	3.3	4.3
November	30.050	30.205	29.773	71.7	72.5	78.0	68.9	73.4	83	57	66	65	82	79	.641	.632	1.36	1.06	5.3	3.7	5.3
December	30.032	30.201	29.872	69.4	70.0	76.1	66.4	71.2	82	58	64	64	83	81	.605	.604	.29	.13	4.7	3.3	4.5
Year	30.020	30.250	29.773	76.2	76.1	82.3	72.3	77.3	90	55	69	68	78	77	.709	.697	29.96	3.71	4.6	3.5	4.5

Annual meteorological summary for the year ending December 31, 1913—Continued.

KALISPELL, MONT.

[H=2,962 ft.; h_t=11 ft.; h_r=4 ft.; h_a=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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	NW.	24	NW.	0	2	1	4	2	6	11	14	21	1	7	5	19	16	13	18	15	0	0	22	0	31	0	0
February	4.0	W.	24	SW.	0	5	0	0	3	4	5	21	14	4	7	13	8	5	3	7	5	0	0	21	0	26	0	0
March	5.0	W.	26	N.	0	10	1	0	8	3	14	20	4	2	7	10	14	12	8	13	9	0	1	12	0	30	0	0
April	5.3	W.	34	SW.	0	2	1	2	9	10	7	25	4	0	11	11	8	8	6	5	3	0	0	0	0	20	1	0
May	5.1	W.	26	SW.	0	5	2	2	9	4	8	18	8	6	10	11	10	12	10	1	0	1	0	0	0	5	2	0
June	4.4	W.	37	SW.	0	6	0	3	13	0	6	25	7	0	9	16	5	16	12	0	0	0	0	0	0	0	6	0
July	4.8	W.	22	SW.	0	9	2	3	6	5	6	23	8	0	15	12	4	5	3	0	0	0	0	2	0	0	5	0
August	4.5	NW.	22	W.	0	6	1	3	14	3	5	17	10	3	14	15	2	9	7	0	0	2	0	0	1	0	6	0
September	4.6	W.	28	SW.	0	3	0	1	11	3	12	18	12	0	16	8	6	2	2	0	0	0	0	0	0	4	1	0
October	3.6	SE.	30	SW.	0	9	0	6	12	10	3	10	8	4	6	8	17	10	6	5	4	0	0	0	0	21	2	0
November	3.5	NW.	19	SW.	0	1	0	0	11	8	11	13	15	2	4	6	20	13	10	5	2	0	0	1	0	24	0	0
December	2.7	NW.	23	SW.	0	7	0	0	0	7	2	42	4	5	7	19	7	3	7	7	0	1	20	0	31	0	0
Year	4.3	W.	37	SW.	0	65	8	24	97	56	95	206	153	26	111	122	132	115	83	61	45	3	2	76	3	192	23	0

KANSAS CITY, MO.

[H=963 ft.; h_t=161 ft.; h_r=141 ft.; h_a=181 ft.]

January	15.2	S.	42	NW.	2	16	1	1	2	15	12	6	9	0	11	11	9	9	6	6	4	0	0	9	0	27	0	0
February	12.0	N.	34	N.	0	10	6	2	3	9	8	6	12	0	11	5	12	7	7	9	7	0	0	12	0	22	0	0
March	16.0	S.	58	SW.	4	10	3	1	5	14	14	5	10	0	13	6	12	13	10	9	7	1	3	4	0	19	4	0
April	13.6	S.	43	S.	2	8	4	9	10	12	4	6	7	0	11	11	8	7	5	0	0	0	1	0	0	0	4	0
May	12.1	S.	49	W.	1	11	6	6	8	22	2	4	3	0	9	16	6	11	9	0	0	0	0	0	0	9	0	0
June	11.7	S.	39	SW.	0	7	7	6	6	26	7	0	1	0	11	15	4	6	4	0	0	1	1	0	10	0	8	0
July	10.8	S.	57	NW.	2	9	5	4	7	22	11	2	2	0	18	12	1	7	6	0	0	1	0	0	20	0	6	0
August	9.8	S.	44	NE.	1	8	7	7	7	23	7	3	0	0	21	10	0	4	2	0	0	0	0	0	27	0	4	0
September	10.7	S.	47	N.	1	8	6	15	7	12	3	2	7	0	11	7	12	9	7	0	0	1	0	0	7	0	5	0
October	12.0	S.	39	NW.	0	14	5	2	7	16	3	4	11	0	13	8	10	7	7	3	2	1	2	0	0	7	4	0
November	12.3	S.	50	NW.	2	6	6	4	8	18	10	1	7	0	7	9	14	7	6	0	0	0	0	0	0	4	2	0
December	8.7	SW.	42	NE.	2	7	7	11	5	10	10	5	7	0	8	2	21	12	9	6	3	0	10	7	0	17	0	0
Year	12.1	S.	58	SW.	17	114	63	68	75	199	91	44	76	0	144	112	109	99	78	33	23	5	17	32	67	96	46	0

KEOKUK, IOWA.

[H=614 ft.; h_t=64 ft.; h_r=56 ft.; h_a=78 ft.]

January	9.7	S.	33	W.	0	8	2	0	7	15	7	11	12	0	7	19	5	8	7	8	3	0	0	10	0	27	0	0
February	8.8	NW.	35	SW.	0	3	3	1	5	7	13	8	16	0	11	7	10	7	5	9	4	0	2	13	0	26	0	0
March	11.6	S.	42	SW.	2	6	1	5	4	12	10	12	12	0	10	11	10	11	7	9	7	1	1	7	0	20	4	0
April	9.3	S.	34	SW.	0	10	5	9	5	13	3	7	6	2	12	10	8	6	5	1	0	0	1	0	0	1	3	0
May	7.8	S.	40	SW.	1	4	9	7	9	11	9	6	7	0	11	9	11	13	11	0	0	0	0	0	1	0	12	0
June	7.0	SW.	25	S.	0	4	9	6	4	16	15	2	4	0	21	7	2	8	5	0	0	0	0	0	12	0	8	0
July	7.2	S.	27	SW.	0	4	2	3	6	23	13	2	9	0	19	10	2	4	1	0	0	1	0	0	15	0	5	0
August	6.0	S.	36	E.	0	11	9	9	4	14	4	2	7	2	17	12	2	4	3	0	0	1	0	0	20	0	9	0
September	7.0	E.	25	NW.	0	7	12	12	1	11	2	8	6	1	15	7	8	10	6	0	0	0	1	0	7	0	2	0
October	7.8	NW.	28	S.	0	8	3	1	10	10	6	7	15	2	12	7	12	11	7	4	2	0	1	0	0	8	2	0
November	8.5	S.	36	SW.	0	6	2	6	8	19	3	5	9	2	8	8	14	11	9	0	0	0	5	0	0	7	1	0
December	5.8	NW.	28	NW.	0	7	4	4	6	8	11	8	13	1	8	7	16	5	5	6	2	0	7	7	0	21	0	0
Year	8.0	S.	42	SW.	3	78	61	63	69	159	96	78	116	10	151	114	100	98	71	37	18	3	18	37	55	110	46	0

KEY WEST, FLA.

[H=22 ft.; h_t=10 ft.; h_r=3 ft.; h_a=64 ft.]

January	10.2	NE.	38	S.	0	2	27	17	8	1	0	1	6	0	18	11	2	13	7	0	0	0	0	0	0	0	0	0
February	10.3	SE.	30	N.	0	6	14	7	16	5	3	3	1	1	16	8	4	6	4	0	0	0	1	0	0	0	1	0
March	12.3	SE.	33	S.	0	8	7	20	17	5	2	0	3	0	14	13	4	8	4	0	0	0	0	0	0	0	0	0
April	13.4	E.	32	NE.	0	9	14	15	9	1	1	2	9	0	16	9	5	4	2	0	0	0	0	0	0	0	4	0
May	9.5	SE.	33	S.	0	5	8	20	16	5	2	2	4	0	18	9	4	8	7	0	0	0	0	0	0	0	3	0
June	8.6	SE.	32	SW.	0	2	5	9	32	7	2	1	2	0	9	12	9	11	9	0	0	0	0	0	0	0	7	0
July	9.6	SE.	31	SW.	0	1	3	24	22	6	4	1	1	0	15	15	1	9	6	0	0	0	0	0	1	0	14	0
August	9.6	E.	50	SW.	1	4	2	20	18	5	6	4	3	0	12	12	7	13	9	0	0	0	0	0	1	0	12	0
September	9.4	E.	26	E.	0	0	13	30	10	3	1	0	2	1	8	13	9	15	12	0	0	0	0	0	0	0	7	0
October	9.4	NE.	30	SW.	0	3	25	12	9	2	4	2	5	0	15	10	6	10	8	0	0	0	0	0	0	0	2	0
November	12.7	NE.	44	NW.	1	1	35	18	1	0	2	0	3	0	9	11	10	8	5	0	0	0	0	0	0	0	0	0
December	9.0	NE.	46	W.	1	10	19	11	11	7	0	2	2	0	9	18	4	7	3	0	0	0	0	0	0	0	0	0
Year	10.3	E.	50	SW.	3	51	172	203	169	47	27	18	41	2	159	141	65	112	76	0	0	0	1	0	2	0	50	0

Annual meteorological summary for the year ending December 31, 1913—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	29.083	29.524	28.535	39.7	48.7	57.1	35.8	46.4	73	25	37	40	90	74	0.234	0.270	8.93	1.91	6.6	5.2	6.5
February	29.038	29.434	28.460	34.3	44.9	50.0	31.8	40.9	69	16	28	31	78	57	.167	.186	4.51	2.33	4.9	4.3	4.6
March	29.085	29.622	28.585	44.0	54.2	60.4	40.0	50.2	79	21	37	36	75	53	.239	.236	6.43	2.34	5.7	4.9	5.0
April	29.017	29.373	28.695	50.7	62.1	68.3	46.6	57.4	84	38	41	40	70	49	.262	.254	2.00	.94	6.4	5.4	5.8
May	28.997	29.264	28.740	62.3	72.1	78.9	56.8	67.8	89	44	54	55	75	57	.427	.446	4.86	2.35	5.5	5.5	5.4
June	29.021	29.281	28.867	69.3	78.4	86.7	63.5	75.1	95	48	62	61	77	57	.566	.551	1.56	.44	4.6	5.5	4.3
July	29.009	29.174	28.841	74.7	82.4	89.9	70.3	80.1	100	62	67	66	77	61	.664	.661	3.77	1.07	5.3	7.0	5.7
August	29.003	29.161	28.816	72.2	80.9	89.9	67.7	78.8	96	58	66	63	80	58	.634	.592	1.44	.65	4.0	4.6	3.9
September	29.051	29.288	28.767	64.0	72.9	79.8	60.5	70.2	94	43	57	58	80	63	.480	.501	3.34	1.45	5.9	5.0	5.5
October	28.994	29.450	28.502	50.3	59.9	68.1	46.5	57.3	86	32	46	46	84	62	.327	.330	2.45	.83	4.1	3.4	4.2
November	29.149	29.500	28.625	41.5	53.8	61.9	38.7	50.3	72	22	37	40	83	59	.225	.256	1.11	.98	5.1	4.0	4.5
December	29.061	29.456	28.433	37.4	44.7	51.0	34.4	42.7	63	21	34	35	88	69	.206	.211	3.59	1.44	5.2	4.8	5.6
Year	29.042	29.622	28.433	53.4	62.9	70.2	49.4	59.8	100	16	47	48	80	60	.369	.374	43.99	2.35	5.3	5.0	5.1

LA CROSSE, WIS.

[ϕ=43° 49′ N.; λ=91° 15′ W.]

January	29.236	29.680	28.829	14.7	19.1	28.1	8.3	18.2	51	−10	10	....	78	....	0.077	.....	0.89	0.28	7.6	5.2	6.7
February	29.283	29.714	28.789	9.5	19.5	25.5	6.2	15.8	57	−14	4	....	78	....	.063	.....	1.04	.83	4.4	4.4	5.4
March	29.171	29.760	28.275	24.2	32.3	38.9	20.4	29.6	60	−14	18	....	78	....	.115	.....	3.93	2.07	7.3	7.1	7.6
April	29.284	29.726	28.790	41.8	51.9	60.1	39.0	49.6	83	26	36	....	79	....	.216	.....	1.57	.65	4.6	5.4	5.3
May	29.231	29.764	28.891	51.7	61.5	67.4	47.9	57.6	88	33	47	....	83	....	.330	.....	5.60	1.76	6.8	7.6	7.2
June	29.264	29.837	28.910	64.6	75.8	82.8	59.5	71.2	97	40	58	....	79	....	.510	.....	2.90	1.49	4.6	3.5	4.2
July	29.193	29.403	28.838	65.4	76.0	82.8	60.9	71.8	95	53	60	....	84	....	.529	.....	5.71	2.41	4.7	3.9	5.0
August	29.234	29.424	28.968	65.3	75.4	82.0	62.1	72.0	95	52	61	....	86	....	.542	.....	2.53	1.24	6.0	5.6	5.8
September	29.293	29.608	28.900	54.7	63.9	72.5	51.9	62.2	98	32	50	....	85	....	.384	.....	3.16	1.13	5.8	5.0	5.6
October	29.230	29.814	28.875	41.6	49.2	57.8	38.2	48.0	77	21	37	....	84	....	.240	.....	2.87	.79	5.5	4.8	5.3
November	29.274	29.704	28.720	37.3	43.8	49.5	33.7	41.6	65	16	32	....	81	....	.199	.....	1.93	.59	6.7	4.7	6.6
December	29.374	29.665	29.152	25.9	32.4	39.2	23.5	31.4	54	11	22	....	86	....	.126	.....	.13	.11	5.8	3.9	6.0
Year	29.256	29.814	28.275	41.4	50.3	57.2	37.6	47.4	98	−14	36	....	82	....	.278	.....	32.26	2.41	5.8	5.1	5.9

LANDER, WYO.

[ϕ=42° 50′ N.; λ=108° 45′ W.]

January	24.531	24.796	24.103	13.7	25.2	33.9	7.3	20.6	57	−26	6	10	68	52	0.057	0.076	0.49	0.42	4.7	5.3	4.5
February	24.569	24.874	24.222	2.1	16.8	23.8	−3.5	10.2	57	−20	−4	4	74	56	.039	.055	1.49	.80	4.4	5.4	4.4
March	24.548	24.824	24.079	23.2	34.8	40.6	14.6	27.6	64	− 9	12	19	68	55	.078	.108	1.24	1.00	5.5	5.6	5.3
April	24.617	24.886	24.275	35.8	53.0	58.1	31.0	44.6	73	17	24	22	64	36	.134	.118	2.23	.80	3.7	5.0	4.6
May	24.620	24.849	24.358	42.6	62.0	66.5	40.2	53.4	83	26	33	31	68	36	.190	.185	1.20	.62	6.0	8.5	5.5
June	24.621	24.886	24.348	51.0	70.8	77.3	46.9	62.1	88	40	40	42	68	41	.255	.286	1.00	.42	4.7	7.1	5.2
July	24.733	24.973	24.416	53.9	76.1	81.7	51.0	66.4	94	40	43	43	67	36	.279	.296	1.03	.67	3.8	5.7	4.9
August	24.758	25.042	24.425	54.5	80.9	86.3	52.0	69.2	94	45	41	40	61	26	.259	.254	.10	.04	2.9	4.7	4.1
September	24.731	24.990	24.318	43.6	64.1	70.5	39.8	55.2	88	17	34	35	69	40	.205	.215	1.43	1.04	3.6	4.4	4.7
October	24.674	25.056	24.229	31.9	46.1	54.5	26.3	40.4	76	2	23	26	70	47	.126	.140	1.71	.76	5.6	5.8	5.4
November	24.639	25.036	24.209	25.8	37.9	46.6	21.2	33.9	62	10	16	22	65	51	.090	.115	.51	.30	3.0	4.7	5.1
December	24.717	25.022	24.283	4.8	12.2	21.9	− .7	10.6	46	−21	0	1	79	59	.045	.046	1.05	.46	4.8	4.2	4.8
Year	24.646	25.056	24.079	31.7	48.3	55.1	27.2	41.2	94	−26	22	25	68	45	.146	.158	13.48	1.04	4.4	5.4	4.9

LANSING, MICH.

[ϕ=42° 44′ N.; λ=84° 26′ W.]

January	29.053	29.615	28.333	24.3	27.0	34.2	18.2	26.2	52	1	22	23	90	85	0.123	0.131	3.10	0.95	7.5	6.6	7.8
February	29.058	29.445	28.614	16.8	23.2	27.9	12.1	20.0	57	− 4	13	15	84	79	.085	.090	1.65	.73	7.2	5.8	5.9
March	29.032	29.642	28.135	27.3	32.0	41.6	20.5	31.0	67	−10	23	26	83	78	.139	.157	3.76	1.42	6.8	5.3	6.0
April	29.121	29.572	28.715	41.7	47.8	56.6	35.2	45.9	79	22	34	37	74	68	.203	.232	3.10	1.15	4.9	4.6	4.9
May	29.094	29.538	28.802	51.7	58.8	67.2	45.1	56.2	83	27	44	47	76	67	.295	.339	2.22	.57	5.9	5.1	5.4
June	29.122	29.645	29.008	63.9	71.6	81.5	53.7	67.6	98	34	55	57	73	60	.456	.488	1.01	.53	3.4	3.6	3.1
July	29.052	29.278	28.634	66.7	73.3	83.1	58.5	70.8	94	44	58	60	76	64	.502	.527	2.85	1.28	3.8	5.0	4.3
August	29.092	29.288	28.861	63.4	70.6	81.1	57.6	69.4	96	44	58	62	83	74	.498	.563	5.60	1.82	5.2	4.8	4.9
September	29.160	29.490	28.679	54.7	60.3	73.3	48.7	61.0	97	35	51	53	87	77	.384	.415	1.53	.54	5.7	3.7	5.2
October	29.047	29.585	28.493	44.8	49.7	59.6	41.5	50.2	84	27	41	44	88	82	.276	.310	3.30	.97	7.3	5.0	6.8
November	29.119	29.510	28.896	38.4	42.4	49.0	34.4	41.7	69	20	35	38	87	83	.220	.244	2.38	.69	7.4	6.1	6.9
December	29.135	29.408	28.557	29.3	31.5	39.1	24.6	31.8	55	− 5	27	28	90	86	.154	.159	.55	.35	7.1	4.3	7.2
Year	29.090	29.645	28.135	43.6	48.8	57.8	37.5	47.6	98	−10	38	41	83	75	.278	.305	31.05	1.82	6.0	5.0	5.7

Annual meteorological summary for the year ending December 31, 1913—Continued.

KNOXVILLE, TENN.

[H=996 ft.; h_1=93 ft.; h_t=84 ft.; h_a=100 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	5.4	E.	29	SW.	0	7	13	15	1	2	14	7	1	2	8	6	17	18	17	1	1	0	0	0	0	14	0	0
February	5.0	NE.	25	W.	0	13	15	4	2	3	13	3	2	1	13	8	7	9	6	1	0	0	0	0	0	13	2	0
March	6.6	SW.	47	S.	1	3	11	8	2	11	15	5	7	0	13	7	11	13	11	2	0	1	0	0	0	10	3	0
April	6.0	SW.	30	SW.	0	6	16	3	0	1	20	4	10	0	10	7	13	8	7	0	0	1	0	0	0	0	1	0
May	4.8	SW.	21	SE.	0	8	11	11	3	2	17	7	3	0	10	12	9	10	9	0	0	0	0	0	0	0	8	0
June	4.3	NE.	30	NE.	0	4	23	7	1	8	7	4	4	2	13	12	5	10	7	0	0	1	0	0	14	0	11	0
July	4.7	SW.	24	N.	0	2	11	7	3	3	25	9	2	0	5	19	7	12	11	0	0	1	0	0	14	0	13	0
August	4.0	SW.	28	N.	0	8	13	7	0	5	17	4	7	1	16	9	6	7	5	0	0	1	0	0	19	0	6	0
September	4.1	NE.	24	N.	0	5	26	10	2	2	7	1	4	3	10	10	10	10	5	0	0	0	1	0	5	0	1	0
October	4.5	NE.	24	SW.	0	6	19	5	1	3	15	5	3	5	16	6	9	8	7	1	0	0	2	0	0	9	1	0
November	3.8	NE.	18	W.	0	6	15	10	6	4	9	3	1	6	14	5	11	5	3	2	1	0	0	0	0	6	0	0
December	4.2	NE.	25	W.	0	10	21	10	3	1	8	3	2	4	9	10	12	11	9	3	1	0	1	1	0	13	0	0
Year	4.8	NE.	47	S.	1	78	194	97	24	45	167	55	46	24	137	111	117	121	97	10	3	5	4	1	52	56	46	0

LA CROSSE, WIS.

[H=714 ft.; h_1=11 ft.; h_r=3 ft.; h_a=48 ft.]

January	6.4	NW.	24	SW.	0	3	0	0	6	7	2	3	10	0	7	9	15	9	7	14	8	0	0	18	0	30	0	0
February	6.2	NW.	21	W.	0	5	1	0	6	3	2	3	8	0	11	5	12	3	3	9	3	0	0	20	0	26	0	0
March	7.9	S.	30	SW.	0	3	1	0	6	8	2	4	6	1	2	10	19	12	8	15	6	2	1	12	0	25	2	0
April	7.4	S.	32	SW.	0	4	1	3	4	6	4	5	3	0	11	7	12	8	8	2	2	0	0	0	0	6	1	0
May	5.1	S.	24	S.	0	1	4	1	6	9	0	5	5	0	2	14	15	14	12	0	0	2	1	0	0	0	10	0
June	5.0	S.	24	S.	0	2	4	1	8	13	0	1	1	0	12	13	5	7	6	0	0	0	0	0	6	0	6	0
July	4.6	S.	30	NW.	0	4	1	1	5	9	3	6	2	0	9	15	7	14	12	0	0	2	0	0	6	0	14	0
August	3.9	S.	22	NW.	0	3	3	3	1	16	1	2	2	0	7	13	11	10	6	0	0	0	0	0	4	0	6	0
September	4.5	SE.	19	NW.	0	3	3	1	8	6	3	0	6	0	10	8	12	9	8	0	0	0	1	0	5	1	5	0
October	5.4	S.	29	SW.	0	5	0	0	5	9	2	5	5	0	11	8	12	15	13	5	3	0	1	0	0	10	5	0
November	5.9	S.	27	SW.	0	4	2	2	4	9	4	2	3	0	6	8	16	9	7	2	0	0	1	1	0	14	1	0
December	4.4	NW.	26	NW.	0	6	1	0	6	7	2	1	8	0	9	8	14	3	1	9	1	0	0	10	0	26	0	0
Year	5.6	S.	32	SW.	0	43	21	12	65	102	25	37	59	1	97	118	150	113	91	56	23	6	5	61	21	138	50	0

LANDER, WYO.

[H=5,372 ft.; h_1=60 ft.; h_t=54 ft.; h_a=68 ft.]

January	7.6	SW.	64	W.	5	1	5	5	5	2	22	13	9	0	11	12	8	4	2	7	4	0	0	11	0	31	0	0
February	3.4	SW.	33	NW.	0	6	2	6	3	5	18	8	7	1	14	7	7	7	4	9	7	0	0	21	0	28	0	0
March	5.6	SW.	40	W.	2	6	6	6	6	3	16	12	7	0	10	11	10	7	5	8	7	0	0	8	0	28	0	0
April	7.1	SW.	39	W.	0	4	10	5	7	3	9	16	6	0	11	14	5	6	5	8	4	0	0	0	0	19	1	0
May	5.8	W.	48	NW.	2	8	5	9	4	5	7	14	9	1	7	16	8	11	5	2	2	0	0	0	0	3	9	0
June	5.7	SW.	48	SW.	1	7	7	2	2	4	16	15	7	0	8	16	6	9	7	0	0	0	0	0	0	0	9	0
July	6.0	SW.	52	SW.	1	12	5	1	4	6	14	11	9	0	11	15	5	7	5	0	0	0	0	0	4	0	6	0
August	4.7	SW.	29	SW.	0	3	6	3	2	3	17	20	7	1	14	12	5	4	1	0	0	0	0	0	8	0	2	0
September	4.4	SW.	46	W.	1	5	2	5	5	6	15	14	6	2	13	8	9	8	7	3	3	0	0	0	0	8	2	0
October	5.1	SW.	40	SW.	1	3	3	8	3	13	15	9	0	0	10	10	11	5	4	2	2	0	0	0	0	23	0	0
November	4.4	SW.	35	SW.	0	5	1	5	6	7	15	16	4	1	11	10	9	4	4	4	4	0	1	1	0	29	0	0
December	2.2	SW.	48	SW.	1	2	2	6	2	2	24	17	3	4	13	10	8	4	4	4	4	0	1	28	0	31	0	0
Year	5.2	SW.	64	W.	14	62	54	61	54	49	186	171	83	10	133	141	91	76	53	49	37	0	2	69	12	200	29	0

LANSING, MICH.

[H=878 ft.; h_1=11 ft.; h_r=3 ft.; h_a=62 ft.]

January	7.4	SW.	23	W.	0	3	6	1	6	12	17	8	9	0	5	4	22	17	12	13	9	0	0	14	0	29	0	0
February	8.9	SW.	23	SW.	0	6	7	2	4	5	14	11	6	1	8	8	12	15	5	18	14	0	0	20	0	27	0	0
March	9.8	SW.	37	SW.	0	1	6	2	6	13	16	10	8	0	6	15	10	20	15	18	11	2	0	10	0	23	4	0
April	8.6	NE.	29	NE.	0	5	13	5	5	10	8	3	11	0	13	6	11	11	9	2	0	1	1	0	0	11	5	0
May	6.0	SW.	24	SW.	0	5	7	9	8	8	7	6	9	3	11	7	13	14	10	0	0	0	1	0	0	2	7	0
June	4.9	SW.	22	NW.	0	3	9	4	7	9	15	8	5	0	18	6	6	6	6	0	0	0	0	0	7	0	6	0
July	5.0	NW.	25	NW.	0	8	2	10	6	8	9	6	13	0	11	15	5	10	8	0	0	0	2	0	6	0	9	0
August	4.5	NE.	19	SW.	0	4	15	6	9	6	7	3	11	1	12	11	8	14	8	0	0	1	2	0	2	0	10	0
September	4.9	SE.	17	SW.	0	2	9	14	7	12	9	3	4	0	11	9	10	9	7	0	0	0	1	0	3	0	5	0
October	4.9	NW.	25	NW.	0	8	9	3	6	8	7	8	11	2	5	12	14	16	12	4	4	0	0	3	0	8	0	0
November	7.0	SW.	31	NW.	0	2	4	5	5	14	14	9	7	0	6	7	17	16	11	5	4	0	0	2	0	16	0	0
December	6.0	SW.	26	NW.	0	7	9	1	2	6	21	10	6	0	5	7	19	7	3	8	4	0	0	7	0	26	0	0
Year	6.5	SW.	37	SW.	0	54	96	62	71	111	144	85	100	7	111	107	147	155	106	68	46	4	10	53	18	142	46	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

LA SALLE, ILL.[1]

[ϕ=41° 20′ N.; λ=89° 05′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.				Extremes.			Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*				
January	29.485	30.030	28.986	24.8	.....	35.5	19.0	27.2	57	− 3	21	....	85	....	0.121	.....	1.29	0.77	7.3	.....	7.0
February	29.535	29.898	29.074	18.1	.....	31.9	15.3	23.6	61	− 4	14	....	82	....	.091	.....	2.50	1.80	4.8	.....	5.0
March	29.463	30.103	28.672	28.7	.....	43.9	25.4	34.6	67	− 7	24	....	82	....	.141	.....	3.03	1.12	5.4	.....	6.5
April	29.518	29.950	29.050	43.9	.....	61.9	40.2	51.0	80	32	37	....	76	....	.226	.....	1.53	.74	5.4	.....	5.2
May	29.472	29.967	29.166	55.1	.....	71.2	50.2	60.7	90	32	47	....	75	....	.341	.....	4.45	1.16	5.8	.....	5.8
June	29.502	30.032	29.232	65.9	.....	83.7	59.7	71.7	99	39	57	....	74	....	.494	.....	3.32	1.57	4.3	.....	4.2
July	29.437	29.646	29.003	70.1	.....	88.6	65.1	76.8	103	49	62	....	77	....	.577	.....	1.42	.91	3.5	.....	4.0
August	29.462	29.679	29.221	68.2	.....	86.8	64.5	75.6	100	54	61	....	79	....	.548	.....	3.71	1.89	4.1	.....	5.0
September	29.524	29.796	29.016	56.9	.....	75.9	54.0	65.0	99	36	52	....	84	....	.409	.....	1.92	.97	4.9	.....	4.9

LEWISTON, IDAHO.

[ϕ=46° 25′ N.; λ=117° 2′ W.]

January	29.270	29.795	28.634	27.1	.....	37.0	20.8	28.9	57	2	21	....	77	....	0.117	.....	2.33	1.00	7.6	.....	7.7
February	29.377	29.781	28.896	22.4	.....	34.3	20.0	27.2	49	− 1	19	....	86	....	.107	.....	1.33	.58	6.4	.....	6.2
March	29.288	29.658	28.855	34.0	.....	48.6	32.8	40.7	60	19	30	....	85	....	.172	.....	1.79	.34	6.6	.....	7.5
April	29.195	29.587	28.740	41.7	.....	63.9	39.8	51.8	83	31	36	....	82	....	.218	.....	1.39	.58	5.3	.....	5.9
May	29.186	29.422	28.876	48.5	.....	71.7	47.3	59.5	91	35	44	....	86	....	.296	.....	1.60	.65	5.8	.....	6.3
June	29.070	29.432	28.834	56.0	.....	78.7	54.6	66.6	95	47	52	....	87	....	.392	.....	3.78	1.01	6.0	.....	5.7
July	29.173	29.440	28.977	59.4	.....	87.4	58.4	72.9	105	47	50	....	72	....	.371	.....	.10	.08	3.3	.....	3.0
August	29.182	29.388	28.858	60.2	.....	88.9	59.4	74.2	103	48	50	....	70	....	.367	.....	.47	.40	4.8	.....	4.4
September	29.235	29.521	28.994	50.1	.....	79.9	47.9	63.9	96	36	41	....	72	....	.262	.....	.60	.37	2.9	.....	2.8
October	29.314	29.743	28.832	40.9	.....	58.6	38.5	48.6	79	30	38	....	88	....	.227	.....	2.18	.70	4.5	.....	6.4
November	29.201	29.577	28.820	40.4	.....	50.3	36.8	43.6	60	29	36	....	85	....	.215	.....	1.50	.36	7.2	.....	8.0
December	29.379	29.670	28.745	30.0	.....	39.7	27.0	33.4	50	15	27	....	87	....	.144	.....	.75	.48	6.3	.....	6.0
Year	29.239	29.795	28.634	42.6	.....	61.6	40.3	50.9	105	− 1	37	....	81	....	.241	.....	17.82	1.01	5.6	.....	5.8

LEXINGTON, KY.

[ϕ=38° 2′ N.; λ=84° 33′ W.]

January	29.036	29.567	28.408	37.4	.....	50.8	32.3	41.6	66	19	34	....	87	....	0.211	.....	10.35	3.50	7.7	.....	7.4
February	29.053	29.457	28.519	28.5	.....	40.8	24.9	32.8	68	6	23	....	81	....	.141	.....	2.61	.70	4.8	.....	5.0
March	29.033	29.583	28.529	40.0	.....	54.1	34.8	44.4	75	13	33	....	74	....	.207	.....	6.04	3.61	6.7	.....	5.7
April	29.016	29.434	28.735	48.1	.....	62.5	43.9	53.2	81	35	39	....	73	....	.249	.....	2.41	.68	4.8	.....	5.6
May	28.996	29.256	28.723	59.7	.....	74.8	55.0	64.9	87	35	50	....	70	....	.371	.....	4.32	1.97	4.5	.....	5.0
June	29.028	29.398	28.885	69.5	.....	83.8	63.0	73.4	95	45	60	....	72	....	.536	.....	3.29	1.18	3.1	.....	3.6
July	28.987	29.138	28.829	74.0	.....	88.3	68.2	78.2	99	58	66	....	76	....	.644	.....	2.43	1.09	3.3	.....	4.4
August	28.999	29.117	28.907	71.5	.....	86.6	66.8	76.7	94	56	63	....	75	....	.583	.....	1.00	.29	3.6	.....	4.9
September	29.047	29.270	28.727	62.7	.....	78.8	59.0	68.9	96	40	54	....	75	....	.442	.....	1.76	.45	6.3	.....	6.1
October	28.959	29.452	28.358	51.0	.....	66.0	47.0	56.5	88	31	44	....	79	....	.309	.....	3.40	1.04	5.1	.....	5.5
November	29.112	29.535	28.625	45.1	.....	57.3	41.6	49.4	72	19	38	....	76	....	.245	.....	4.00	1.26	5.9	.....	5.9
December	29.062	29.465	28.627	35.2	.....	43.9	32.0	38.0	60	16	32	....	86	....	.186	.....	2.74	.98	7.2	.....	7.2
Year	29.026	29.583	28.358	51.9	.....	65.6	47.4	56.5	99	6	45	....	77	....	.344	.....	44.35	3.61	5.2	.....	5.5

LINCOLN, NEBR.

[ϕ=40° 49′ N.; λ=96° 45′ W.]

January	28.766	29.271	28.320	18.5	25.9	34.4	13.6	24.0	63	−11	12	16	73	68	0.084	0.101	0.31	0.17	4.2	4.6	4.8
February	28.811	29.249	28.351	16.4	27.5	33.4	12.5	23.0	72	− 6	11	15	78	62	.077	.090	.90	.55	4.4	5.0	4.7
March	28.716	29.167	27.843	28.9	39.3	46.9	24.3	35.6	72	− 7	23	27	78	64	.136	.159	1.55	.91	6.4	6.2	5.7
April	28.713	29.053	28.208	45.1	58.5	65.8	41.6	53.7	87	30	38	41	76	58	.230	.269	2.46	1.34	4.3	4.9	4.5
May	28.691	29.123	28.321	55.0	67.3	73.6	52.3	63.9	98	40	49	53	81	63	.354	.418	6.02	2.20	6.8	6.1	6.4
June	28.711	29.158	28.264	65.4	80.4	85.4	62.5	74.0	99	43	57	58	76	50	.485	.509	2.27	1.07	4.9	3.9	4.9
July	28.690	28.956	28.318	70.5	87.5	94.1	68.0	81.0	109	54	60	58	70	38	.522	.493	1.95	.99	4.2	3.5	2.9
August	28.701	29.024	28.326	70.2	90.7	97.6	67.6	82.6	107	54	57	54	65	31	.483	.439	.31	.16	4.3	3.5	3.4
September	28.764	29.053	28.383	58.1	71.2	78.4	56.5	67.4	103	34	50	49	76	51	.379	.372	3.30	1.82	4.1	5.2	4.6
October	28.750	29.339	28.300	41.8	53.2	62.5	39.3	50.9	84	15	36	38	81	58	.242	.265	.70	.30	3.5	4.6	4.3
November	28.776	29.167	28.303	40.3	48.9	55.6	37.2	46.4	72	19	36	37	86	65	.230	.235	2.43	1.37	5.4	5.4	5.6
December	28.873	29.192	28.484	28.2	34.6	40.8	26.2	33.5	54	6	27	31	94	86	.159	.184	4.08	1.84	4.6	4.6	4.7
Year	28.747	29.339	27.843	44.9	57.1	64.0	41.8	52.9	109	−11	38	40	78	58	.282	.294	26.23	2.20	4.8	4.8	4.6

[1] Station discontinued Sept. 30, 1913.

Annual meteorological summary for the year ending December 31, 1913—Continued.

LA SALLE, ILL.

[H=536 ft.; h_1=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	9.5	SW.	29	NW.	0	2	3	1	4	3	8	5	5	0	4	10	17	11	7	12	7	0	0	11	0	28	0	0
February	9.8	W.	36	SW.	0	2	4	3	0	0	4	12	3	0	10	8	10	8	7	12	5	0	0	15	0	25	0	0
March	12.1	SW.	50	SW.	3	2	1	2	2	3	8	9	4	0	5	13	13	13	8	11	6	1	1	8	0	19	2	0
April	10.4	E.	33	E.	0	4	4	7	0	4	3	5	3	0	11	7	12	9	6	1	0	0	0	0	0	2	3	0
May	8.6	SW.	33	W.	0	3	6	6	2	6	2	3	3	0	10	8	13	12	12	0	0	1	0	0	0	1	7	0
June	7.2	SW.	31	SW.	0	1	8	4	2	2	10	2	0	1	15	6	9	8	8	0	0	0	0	0	11	0	8	0
July	6.9	SW.	42	NE.	1	4	4	5	3	2	6	3	3	1	13	16	2	7	5	0	0	0	0	0	15	0	6	0
August	6.2	E.	30	NW.	0	2	6	9	2	0	4	3	5	0	13	11	7	10	8	0	0	0	0	0	8	0	12	0
September	6.4	E.	23	NW.	0	1	5	10	0	3	3	3	4	1	11	8	11	8	6	0	0	0	1	0	5	0	2	0

LEWISTON, IDAHO.

[H=757 ft.; h_1=40 ft.; h_r=32 ft.; h_a=48 ft.]

January	3.7	NE.	27	S.	0	2	6	5	0	2	5	5	0	6	4	7	20	15	10	15	14	0	0	8	0	29	0	0
February	2.6	NE.	20	W.	0	0	10	11	0	1	1	1	0	4	8	6	14	10	7	8	7	0	0	10	0	26	0	0
March	4.1	E.	25	W.	0	1	5	18	2	1	0	1	1	2	6	1	24	14	12	7	3	0	0	1	0	17	0	0
April	3.9	NE.	27	W.	0	2	7	10	3	0	0	2	0	6	9	10	11	10	7	0	0	0	0	0	0	2	0	0
May	3.1	NE.	36	S.	0	4	5	5	5	4	1	3	1	2	6	14	11	10	8	0	0	0	0	0	1	0	3	0
June	2.9	NE.	29	NE.	0	2	4	8	4	1	3	0	1	7	10	8	12	13	12	0	0	0	0	0	4	0	6	0
July	3.8	E.	27	W.	0	0	5	16	2	0	2	1	0	5	19	10	2	2	1	0	0	1	0	0	12	0	2	0
August	3.3	E.	29	W.	0	0	6	11	4	4	0	0	2	4	13	11	7	5	3	0	0	0	0	0	16	0	5	0
September	3.2	E.	30	NW.	0	1	3	8	5	5	2	3	0	3	20	6	4	6	4	0	0	0	0	0	5	0	1	0
October	2.7	W.	28	W.	0	2	2	9	9	2	1	3	1	2	9	8	16	9	9	0	0	0	0	0	0	0	3	0
November	3.4	E.	25	W.	0	3	3	9	4	0	5	4	1	1	3	6	21	13	11	1	1	0	0	0	0	0	6	0
December	2.7	E.	17	NE.	0	3	4	10	5	2	3	1	0	3	11	7	13	7	5	5	4	0	2	1	0	28	0	0
Year	3.3	E.	36	S.	0	20	60	120	43	22	23	24	7	46	118	92	155	114	89	36	29	1	2	20	38	111	17	0

LEXINGTON, KY.

[H=989 ft.; h_1=75 ft.; h_r=68 ft.; h_a=102 ft.]

January	13.2	S.	44	NW.	1	3	1	2	2	12	3	4	4	0	5	8	18	20	13	9	6	0	2	2	0	18	1	0
February	10.6	W.	37	W.	0	0	1	2	4	4	2	11	4	0	11	7	10	9	7	4	3	0	0	8	0	19	0	0
March	14.7	S.	52	W.	7	2	1	2	6	8	2	8	2	0	9	11	11	13	7	4	2	1	0	3	0	16	5	0
April	12.1	NW.	40	S.	2	1	7	1	4	5	2	1	9	0	8	10	12	15	10	0	0	1	0	0	0	0	4	0
May	8.8	SW.	37	SW.	0	3	5	3	6	3	4	3	4	0	10	12	9	9	7	0	0	0	0	0	0	0	8	0
June	8.0	SW.	40	W.	1	6	6	1	4	7	4	2	0	0	18	8	4	8	6	0	0	0	1	0	0	11	12	0
July	8.4	SW.	51	W.	2	3	4	0	3	6	9	4	2	0	12	16	3	10	8	0	0	0	0	0	0	12	16	0
August	7.4	SW.	28	NW.	0	1	3	3	6	4	8	1	5	0	13	11	7	8	8	0	0	0	0	0	0	9	12	0
September	8.6	NE.	33	SW.	0	2	5	6	8	5	4	0	0	0	6	13	11	12	9	0	0	0	0	0	6	0	3	0
October	9.4	SE.	45	W.	1	2	2	1	11	2	5	4	4	0	12	5	14	10	7	3	0	0	0	0	0	5	1	0
November	10.1	S.	37	W.	0	1	1	1	11	6	3	6	1	0	10	4	16	10	9	3	1	0	1	2	0	6	1	0
December	8.7	W.	41	NW.	1	4	7	3	2	6	3	5	1	0	6	6	19	6	6	5	2	0	1	6	0	16	0	0
Year	10.0	S.	52	W.	15	28	43	25	87	68	49	49	36	0	120	111	134	130	97	28	14	3	4	21	38	80	63	0

LINCOLN, NEBR.

[H=1,189 ft.; h_1=11 ft.; h_r=4 ft.; h_a=84 ft.]

January	13.6	S.	42	N.	1	17	3	2	3	18	5	4	10	0	14	6	11	5	3	8	4	0	1	12	0	31	0	0
February	10.8	N.	29	W.	0	15	7	1	2	9	7	8	7	0	14	4	10	6	5	7	6	0	0	18	0	26	0	0
March	14.9	S.	48	NW.	5	15	4	3	5	16	5	7	7	0	10	9	12	10	5	10	6	1	0	7	0	20	3	0
April	14.0	SE.	42	SW.	1	10	9	6	13	11	4	0	6	1	14	7	9	9	7	3	2	0	0	0	0	3	2	0
May	10.8	SE.	42	W.	1	6	12	7	14	13	4	1	5	0	5	13	13	12	10	0	0	2	0	0	3	0	11	0
June	11.6	S.	56	NW.	2	3	7	7	12	28	1	0	2	0	13	12	5	10	8	0	0	0	0	0	12	0	9	0
July	10.6	S.	39	W.	0	8	14	5	5	22	2	2	4	0	22	6	3	10	5	0	0	0	0	0	21	0	10	0
August	8.8	S.	48	SW.	1	14	3	11	13	16	3	0	2	0	15	12	4	4	3	0	0	0	0	0	26	0	7	0
September	9.7	S.	37	NW.	0	7	8	5	12	17	0	4	6	1	14	7	9	9	8	0	0	0	0	0	7	0	5	0
October	10.8	N.	41	NW.	1	16	8	2	6	13	4	5	8	0	13	10	8	7	5	3	0	1	0	0	0	9	3	0
November	10.2	S.	45	NW.	1	10	7	3	5	19	6	2	8	0	11	8	11	7	6	0	0	0	2	0	0	11	1	0
December	7.6	S.	41	NE.	1	8	6	8	9	14	5	3	7	2	16	4	11	9	8	5	2	0	4	7	0	23	0	0
Year	11.1	S.	56	NW.	14	129	88	60	99	196	46	36	72	4	161	98	106	98	73	36	21	3	7	44	69	123	51	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

LITTLE ROCK, ARK.

[ϕ=34° 45′ N.; λ=92° 6′ W.]

Month.	Pressure.			Temperature.							Moisture.									Cloudiness.		
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.					
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.		8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*				
January	29.725	30.185	29.212	40.5	47.9	53.8	36.4	45.1	69	15	36	40	85	76	0.236	0.268	11.29	3.32		5.7	4.5	5.5
February	29.735	30.085	29.172	37.2	45.1	50.6	34.1	42.4	76	23	31	35	79	70	.189	.212	3.78	1.40		6.2	5.4	5.6
March	29.729	30.200	29.122	44.5	55.6	61.1	41.7	51.4	81	24	36	38	72	64	.240	.251	4.47	1.93		5.2	4.5	4.4
April	29.684	30.057	29.410	54.6	67.2	71.6	52.0	61.8	87	38	47	52	77	61	.339	.402	11.46	9.58		3.0	4.1	3.7
May	29.635	29.830	29.444	63.1	75.5	79.3	60.7	70.0	91	52	58	64	84	68	.487	.596	2.34	.81		3.7	3.6	3.6
June	29.648	29.926	29.481	71.8	83.1	88.5	67.9	78.2	96	56	65	70	80	67	.634	.749	2.05	1.61		3.3	4.1	3.5
July	29.648	29.821	29.387	76.0	85.1	90.4	72.7	81.6	98	67	70	73	83	67	.744	.803	3.74	1.53		4.6	4.3	4.3
August	29.633	29.767	29.460	74.8	86.2	92.2	72.0	82.1	100	65	68	70	81	60	.698	.739	2.40	.67		3.4	3.1	2.9
September	29.632	29.775	29.360	65.8	73.8	79.8	63.6	71.7	101	46	62	63	88	72	.569	.592	9.25	1.92		6.5	5.6	5.9
October	29.665	30.192	29.426	54.9	63.1	69.2	52.1	60.6	85	32	52	52	89	70	.422	.438	4.78	1.63		6.4	4.5	4.9
November	29.775	30.236	29.477	52.2	61.4	66.1	50.2	58.2	77	34	46	47	80	62	.338	.356	3.05	1.68		6.6	4.4	5.6
December	29.775	30.191	29.358	41.0	46.9	50.5	39.1	44.8	68	27	37	38	86	73	.229	.238	2.96	.68		7.0	6.3	7.0
Year	29.690	30.236	29.122	56.4	65.9	71.1	53.5	62.3	101	15	51	54	82	67	.427	.470	61.57	9.58		5.1	4.5	4.7

LOS ANGELES, CAL.

[ϕ=34° 3′ N.; λ=118° 15′ W.]

January	29.748	30.121	29.343	47.0	54.6	61.5	42.7	52.1	83	28	34	35	65	54	0.211	0.229	2.01	1.03		2.4	3.0	3.4
February	29.617	29.944	29.062	48.6	56.7	61.8	45.8	53.8	76	39	42	44	79	64	.271	.292	9.16	5.12		4.4	4.0	5.5
March	29.710	29.949	29.364	50.7	60.9	67.3	48.2	57.8	84	39	38	40	65	49	.234	.253	.33	.28		1.6	3.2	3.3
April	29.647	29.786	29.494	52.4	62.2	69.4	50.2	59.8	88	45	46	47	81	60	.314	.326	.35	.33		4.1	2.4	3.6
May	29.618	29.761	29.500	54.0	63.5	69.2	52.6	60.9	76	47	50	52	89	66	.370	.387	.05	.05		8.1	2.7	4.4
June	29.561	29.675	29.451	58.1	67.4	72.3	56.4	64.4	90	52	54	54	88	64	.423	.423	.58	.58		6.5	4.0	5.1
July	29.596	29.703	29.458	63.1	73.9	79.2	61.8	70.5	89	58	60	59	89	60	.511	.495	T.	T.		7.5	2.3	4.0
August	29.572	29.667	29.425	63.7	75.4	82.2	61.6	71.9	92	55	58	57	82	54	.481	.468	T.	T.		3.7	2.8	2.7
September	29.527	29.661	29.335	65.4	76.3	84.2	62.9	73.6	108	58	54	55	72	52	.431	.444	.03	.02		4.4	1.2	2.1
October	29.617	29.746	29.428	60.9	69.7	77.7	58.1	67.9	93	50	49	52	69	59	.360	.405	T.	T.		3.7	3.0	2.9
November	29.648	29.768	29.406	55.9	63.0	70.3	53.3	61.8	92	45	46	50	74	66	.325	.370	3.00	1.59		2.9	4.6	3.9
December	29.732	29.856	29.550	50.1	57.8	63.7	47.2	55.4	78	42	39	44	68	63	.243	.292	1.66	.74		3.2	5.2	5.3
Year	29.633	30.121	29.062	55.8	65.1	71.6	53.4	62.5	108	28	48	49	77	59	.348	.365	17.17	5.12		4.4	3.2	3.8

LOUISVILLE, KY.

[ϕ=38° 15′ N.; λ=85° 45′ W.]

January	29.534	30.062	28.959	38.7	43.4	50.4	32.4	41.4	66	15	34	34	84	71	0.215	0.213	9.91	2.51		7.4	5.9	7.4
February	29.549	29.989	28.966	29.2	37.2	41.9	26.2	34.0	69	7	22	25	77	62	.132	.148	2.09	.70		5.0	3.7	5.1
March	29.536	30.104	28.816	40.1	48.7	54.8	36.0	45.4	76	12	31	32	71	55	.197	.203	7.70	5.13		6.3	5.8	6.0
April	29.509	29.916	29.230	50.3	59.0	64.1	46.8	55.4	82	39	39	40	65	52	.244	.255	2.11	.73		5.0	5.5	5.4
May	29.471	29.783	29.166	60.5	71.7	77.2	57.2	67.2	93	40	49	49	67	48	.363	.367	1.07	.37		4.8	4.8	5.0
June	29.491	29.901	29.272	70.6	79.9	87.1	65.4	76.2	100	47	59	61	69	55	.536	.561	4.55	1.70		4.1	4.1	3.8
July	29.451	29.612	29.224	74.9	86.1	91.4	71.4	81.4	104	59	65	63	72	47	.636	.584	1.48	.49		3.6	4.5	4.1
August	29.464	29.596	29.308	72.1	82.5	89.3	69.2	79.2	98	59	63	60	74	50	.585	.539	2.09	.52		4.0	3.7	4.6
September	29.522	29.737	29.138	63.4	72.7	79.4	60.7	70.0	98	43	55	55	75	57	.452	.458	1.85	.54		5.9	5.2	6.2
October	29.462	30.037	28.891	51.3	60.4	66.4	48.4	57.4	87	32	45	44	81	58	.316	.304	3.84	1.70		5.5	4.4	5.6
November	29.596	30.064	29.153	46.4	54.1	59.1	43.8	51.4	74	23	38	40	74	62	.247	.274	4.32	1.39		6.4	4.9	6.5
December	29.586	29.985	29.050	36.3	41.9	46.0	33.6	39.8	61	19	32	32	84	70	.188	.195	1.21	.44		6.3	5.1	6.7
Year	29.514	30.104	28.816	52.8	61.5	67.3	49.3	58.2	104	7	44	45	74	57	.343	.342	42.22	5.13		5.4	4.8	5.5

LUDINGTON, MICH.

[ϕ=43° 57′ N.; λ=86° 27′ W.]

January	29.286	29.811	28.634	25.8	27.7	32.9	20.3	26.6	47	9	22	21	84	76	0.122	0.118	1.81	0.66		9.5	7.5	8.7
February	29.304	29.683	28.815	17.0	20.2	25.8	12.1	19.0	46	0	13	14	82	74	.081	.085	1.54	.80		8.3	8.2	7.8
March	29.253	29.861	28.562	27.5	29.2	37.1	22.0	29.6	59	3	23	24	83	79	.136	.136	3.47	.99		7.6	7.0	7.3
April	29.370	29.865	28.878	40.3	44.3	50.6	34.5	42.6	72	24	32	34	74	69	.185	.201	2.24	1.00		4.0	4.7	4.4
May	29.334	29.843	29.010	48.2	50.6	58.2	41.7	50.0	73	30	42	42	78	75	.268	.278	2.93	.82		5.1	5.8	5.4
June	29.359	29.895	29.106	60.3	65.1	70.7	52.3	61.5	86	34	51	51	73	62	.400	.402	2.93	1.15		4.5	3.4	3.6
July	29.280	29.494	28.807	64.0	68.5	74.7	57.8	66.2	90	47	57	57	79	67	.477	.472	4.32	1.23		3.6	4.8	4.1
August	29.324	29.564	29.063	64.0	68.3	74.9	58.7	66.8	86	41	58	59	80	73	.486	.509	2.86	2.35		4.9	5.6	4.8
September	29.388	29.740	28.787	56.2	61.1	68.0	50.5	59.2	86	37	50	51	81	71	.377	.389	2.28	1.29		4.5	5.0	4.5
October	29.286	29.791	28.775	47.2	49.8	55.7	42.6	49.2	78	32	41	41	81	75	.281	.285	2.82	1.31		6.9	5.6	6.7
November	29.338	29.742	28.780	39.8	42.9	47.0	36.6	41.8	63	24	35	36	82	78	.210	.224	1.68	.85		6.2	7.4	6.9
December	29.386	29.704	28.962	33.4	34.8	39.5	29.2	34.4	57	11	28	28	80	76	.160	.161	.54	.31		6.4	4.6	6.4
Year	29.326	29.895	28.562	43.6	46.9	52.9	38.2	45.6	90	0	38	38	80	73	.265	.272	29.42	2.35		6.0	5.8	5.9

Annual meteorological summary for the year ending December 31, 1913—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	9.9	S.	36	NW.	0	8	2	10	6	14	6	4	12	0	13	5	13	10	10	1	0	0	1	1	0	9	3	0
February	8.8	NE.	30	W.	0	10	8	8	8	4	9	3	5	1	10	7	11	12	8	6	3	0	0	0	0	14	2	0
March	11.3	S.	44	SW.	4	6	7	5	7	15	10	2	10	0	14	9	8	6	6	2	0	0	0	0	0	6	5	0
April	10.1	NW.	39	S.	0	3	3	10	9	8	10	4	13	0	18	6	6	7	5	0	0	0	0	0	0	0	4	0
May	8.3	S.	38	NW.	0	6	3	9	5	20	10	3	5	1	18	7	6	10	7	0	0	0	0	0	2	0	4	0
June	7.1	SW.	31	NW.	0	0	6	7	4	14	21	4	4	0	17	10	3	5	2	0	0	0	0	0	17	0	7	0
July	7.9	SW.	33	NE.	0	1	3	7	3	24	19	3	1	1	13	13	5	11	8	0	0	0	0	0	19	0	13	0
August	6.7	SW.	42	N.	1	1	4	14	7	14	14	2	5	1	20	7	4	6	5	0	0	0	0	0	23	0	5	0
September	7.9	E.	36	NW.	0	1	10	14	7	12	2	7	7	0	12	2	16	17	15	0	0	0	0	0	5	0	8	0
October	8.7	NW.	37	NW.	0	7	4	6	8	11	5	6	15	0	11	11	9	12	10	0	0	0	0	0	0	1	5	0
November	8.0	S.	37	NW.	0	5	6	8	13	15	3	2	6	2	9	9	12	6	5	0	0	0	1	0	0	0	1	0
December	7.1	E.	29	NW.	0	7	12	18	1	3	3	5	13	0	7	5	19	12	11	3	2	0	1	0	0	5	0	0
Year	8.5	S.	44	SW.	5	55	68	116	78	154	112	45	96	6	162	91	112	114	92	12	5	0	3	1	66	35	57	0

LOS ANGELES, CAL.

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

January	6.1	NE.	40	NW.	1	2	27	1	2	8	9	8	5	0	19	5	7	5	3	0	0	1	4	0	0	2	2	0
February	6.1	NE.	25	NE.	0	4	18	4	3	10	11	0	6	0	9	8	11	10	7	1	0	1	5	0	0	0	1	0
March	6.3	SW.	38	SW.	0	2	25	0	2	3	26	3	1	0	19	8	4	3	2	0	0	0	0	0	0	0	0	0
April	6.1	SW.	32	NW.	0	4	15	5	3	3	21	5	4	0	14	12	4	3	2	0	0	0	3	0	0	0	1	0
May	5.8	SW.	24	SW.	0	0	14	3	6	8	25	2	4	0	16	9	6	1	1	0	0	0	2	0	0	0	0	0
June	5.6	SW.	18	SW.	0	0	14	4	6	2	31	2	1	0	12	8	10	2	2	0	0	0	1	0	1	0	0	0
July	5.3	SW.	17	SW.	0	0	3	2	12	5	34	1	5	0	13	15	3	0	0	0	0	0	1	0	0	0	0	0
August	4.8	SW.	15	SW.	0	1	10	3	3	6	23	9	6	1	22	6	3	0	0	0	0	0	0	0	4	0	0	0
September	5.4	SW.	22	S.	0	1	16	1	4	7	25	3	3	0	24	4	2	2	0	0	0	0	0	0	7	0	0	0
October	5.4	NE.	19	SW.	0	5	19	0	4	6	18	7	3	0	20	6	5	0	0	0	0	0	1	0	4	0	0	0
November	6.0	NE.	24	NW.	0	7	16	3	1	3	15	11	4	0	15	6	9	7	5	0	0	0	0	0	2	0	0	0
December	5.9	NE.	20	NE.	0	5	24	1	1	7	9	8	7	0	10	11	10	6	5	0	0	0	0	0	0	0	0	0
Year	5.7	SW.	40	NW.	1	31	201	27	47	68	247	59	49	1	193	98	74	39	27	1	0	2	17	0	18	2	4	0

LOUISVILLE, KY.

[H=525 ft.; h_t=219 ft.; h_r=214 ft.; h_a=255 ft.]

January	11.4	S.	40	S.	1	11	2	4	6	22	7	7	3	0	5	8	18	15	12	6	1	0	1	1	0	18	2	0
February	11.2	W.	48	W.	1	4	3	4	6	10	10	11	8	0	11	8	9	10	7	5	4	0	1	8	0	18	0	0
March	15.5	S.	66	S.	7	3	2	2	9	16	13	11	6	0	10	6	15	12	6	8	0	1	1	3	0	16	5	0
April	12.2	S.	54	SW.	2	10	6	6	3	12	4	9	10	0	12	4	14	13	10	0	0	0	0	0	0	0	4	0
May	11.1	N.	48	W.	1	12	4	5	10	10	8	3	10	0	11	12	8	9	8	0	0	0	0	0	1	0	7	0
June	9.4	S.	56	NW.	3	11	10	4	3	13	9	9	1	0	19	3	8	10	9	0	0	0	0	0	14	0	13	0
July	10.5	SW.	54	NW.	1	11	10	1	2	13	18	2	5	0	16	12	3	7	4	0	0	0	0	0	19	0	7	0
August	8.7	S.	50	N.	1	13	7	4	5	13	9	4	6	1	13	11	7	10	9	0	0	0	0	0	17	0	12	0
September	9.3	N.	30	N.	0	11	9	6	11	8	5	3	6	1	7	10	13	9	7	0	0	0	0	0	6	0	3	0
October	9.9	SW.	46	NW.	1	10	4	4	10	3	11	8	8	4	12	6	13	10	7	2	1	0	3	0	0	1	1	0
November	11.7	S.	44	W.	1	6	3	3	10	20	6	6	6	0	6	9	15	13	8	3	0	0	2	1	0	5	2	0
December	8.9	SW.	42	W.	1	9	5	5	2	8	12	11	7	3	8	7	16	8	4	4	2	0	5	4	0	17	0	0
Year	10.8	S.	66	S.	20	111	65	48	77	148	112	84	76	9	130	96	139	126	91	28	8	1	13	17	57	75	56	0

LUDINGTON, MICH.

[H=637 ft.; h_t=60 ft.; h_r=53 ft.; h_a=66 ft.]

January	13.3	S.	48	SW.	1	9	5	4	7	9	8	13	7	0	1	5	25	15	10	19	10	0	1	12	0	29	0	0
February	14.7	W.	40	W.	1	6	4	8	6	4	5	18	5	0	1	8	19	17	11	22	15	0	0	21	0	27	0	0
March	15.0	S.	38	S.	0	10	6	3	5	15	10	5	8	0	5	8	18	16	14	17	10	0	0	12	0	23	3	0
April	12.3	S.	35	S.	0	10	7	7	6	14	4	2	10	0	16	4	10	7	5	2	0	0	2	0	0	11	3	0
May	10.4	S.	34	S.	0	12	7	6	5	15	7	5	4	1	10	10	11	13	10	0	0	0	2	0	0	2	4	0
June	9.6	S.	41	W.	1	10	6	5	6	22	5	3	2	1	17	9	4	8	8	0	0	0	0	0	0	0	7	0
July	9.4	S.	40	S.	1	13	3	4	10	14	5	6	7	0	13	13	5	14	12	0	0	0	0	0	1	0	11	0
August	8.7	S.	27	S.	0	6	11	8	9	17	2	7	2	0	8	19	4	10	6	0	0	0	0	0	0	0	8	0
September	10.2	SE.	33	W.	0	7	5	12	11	13	1	7	4	0	14	6	10	11	8	0	0	0	0	0	0	0	5	0
October	11.0	S.	39	S.	0	5	13	7	11	11	2	5	8	0	4	12	15	15	10	3	2	0	3	0	0	1	2	0
November	14.7	S.	50	NW.	3	9	3	8	5	15	9	6	5	0	6	7	17	9	8	4	3	0	3	2	0	8	0	0
December	11.3	SW.	42	N.	2	8	8	6	7	3	12	10	8	0	10	5	16	6	5	6	4	0	2	4	0	21	0	0
Year	11.7	S.	50	NW.	9	105	78	78	88	152	70	87	70	2	105	106	154	141	107	73	44	0	13	51	1	122	43	0

Annual meteorological summary for the year ending Dec. 31, 1913—Continued.

LYNCHBURG, VA.

[ϕ=37° 25′ N.; λ=79° 9′ 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	29.392	29.933	28.167	39.7	46.6	55.5	34.9	45.2	73	20	34	37	81	71	0.216	0.237	1.91	0.68	6.1	4.6	6.5
February	29.316	29.780	28.653	33.3	43.1	49.5	31.0	40.2	72	15	25	29	72	58	.149	.173	1.99	1.11	4.7	2.5	4.5
March	29.395	30.088	28.783	44.4	52.7	60.8	39.7	50.2	76	20	38	41	77	65	.251	.281	5.50	2.56	5.9	3.9	5.3
April	29.297	29.605	28.942	50.7	61.5	68.8	45.9	57.4	87	35	41	44	70	54	.267	.303	3.60	1.90	4.2	4.0	4.7
May	29.285	29.591	28.991	60.1	69.5	78.9	53.1	66.0	92	37	53	58	78	67	.416	.487	4.76	2.27	4.3	4.2	4.6
June	29.318	29.708	29.131	68.8	74.6	84.0	62.6	73.3	97	43	60	63	75	68	.538	.582	2.88	1.59	4.6	5.0	5.0
July	29.286	29.467	29.080	74.8	79.8	88.5	68.8	78.6	99	57	66	67	74	66	.637	.667	1.53	.68	3.3	4.7	4.7
August	29.321	29.614	29.136	69.7	74.6	84.5	65.7	75.1	96	60	64	65	82	73	.594	.623	2.40	1.20	4.2	5.2	4.9
September	29.396	29.745	29.000	62.2	68.3	77.0	58.0	67.5	89	39	57	59	83	74	.482	.517	2.44	.72	5.6	3.3	4.9
October	29.273	29.742	28.669	53.8	59.2	69.6	49.8	59.7	85	30	48	48	81	69	.355	.371	3.30	1.27	4.6	3.3	4.8
November	29.437	29.826	28.486	41.0	50.8	61.9	37.9	49.9	80	23	34	40	76	67	.202	.257	3.32	2.87	3.9	3.8	4.6
December	29.340	29.681	28.624	36.4	44.2	53.0	34.0	43.5	70	23	30	33	77	66	.171	.195	2.56	.82	4.8	3.5	5.2
Year	29.338	30.088	28.167	52.9	60.4	69.3	48.4	58.9	99	15	46	49	77	66	.356	.391	36.19	2.87	4.7	4.0	5.0

MACON, GA.

[ϕ=32° 50′ N.; λ=83° 38′ W.]

January	29.781	30.219	29.106	48.2	55.9	63.8	43.9	53.8	75	32	45	48	88	75	0.320	0.355	1.87	0.55	5.4	5.5	6.6
February	29.692	30.026	29.303	42.3	53.5	59.6	40.4	50.0	72	29	37	42	83	66	.238	.292	4.41	.99	5.6	4.8	5.2
March	29.766	30.278	29.320	50.7	60.3	66.6	46.9	56.8	83	30	47	50	86	70	.347	.381	11.58	3.87	6.5	4.5	6.0
April	29.676	30.039	29.351	56.1	67.2	73.3	51.8	62.6	88	42	48	48	75	52	.349	.344	2.49	2.13	2.7	3.6	3.6
May	29.633	29.882	29.414	66.6	76.0	83.8	60.1	72.0	98	53	58	57	76	54	.495	.476	.67	.26	4.0	4.5	4.1
June	29.653	29.881	29.483	71.5	78.4	88.0	65.5	76.8	97	46	65	65	80	65	.625	.626	3.54	1.88	3.4	5.2	4.1
July	29.661	29.830	29.459	77.0	82.1	91.2	72.2	81.7	104	67	71	69	81	68	.750	.720	6.56	2.17	5.6	7.2	5.9
August	29.644	29.795	29.499	74.4	81.1	89.2	70.1	79.6	95	62	70	70	87	71	.736	.747	2.89	1.01	4.5	5.7	4.8
September	29.681	29.895	29.412	66.7	73.8	81.8	63.4	72.6	91	45	63	64	88	72	.589	.603	2.78	1.00	6.1	4.5	5.5
October	29.639	30.017	29.340	54.1	64.3	74.0	50.0	62.0	88	35	49	53	85	68	.376	.424	1.82	1.11	2.8	2.2	3.5
November	29.813	30.128	29.324	44.5	57.6	66.9	41.6	54.2	76	26	40	46	86	66	.267	.330	1.14	1.04	4.1	3.7	4.0
December	29.711	30.083	29.168	43.5	50.2	57.1	39.7	48.4	68	22	40	42	87	76	.263	.289	2.08	.61	6.5	5.5	6.9
Year	29.696	30.278	29.106	58.0	66.7	74.6	53.8	64.2	104	22	53	54	84	67	.446	.466	41.83	3.87	4.8	4.7	5.0

MADISON, WIS.

[ϕ=43° 05′ N.; λ=89° 23′ W.]

January	28.952	29.449	28.438	17.0	21.3	28.6	10.2	19.4	49	− 9	13	17	84	83	0.086	0.102	1.64	0.68	6.0	4.6	6.6
February	28.978	29.397	28.425	11.1	19.2	24.5	6.6	15.6	54	−12	7	13	82	76	.069	.088	1.12	.69	3.3	4.1	4.5
March	28.910	29.513	28.069	23.9	30.8	39.1	20.0	29.6	60	−13	19	24	81	75	.118	.144	2.41	.84	6.9	6.5	7.1
April	29.013	29.474	28.494	41.6	52.2	56.4	38.0	47.2	79	28	33	37	72	59	.195	.232	1.54	.71	5.1	6.0	6.0
May	28.977	29.494	28.666	51.7	59.8	65.5	47.6	56.6	82	33	44	46	76	64	.303	.330	6.63	1.94	7.5	7.1	7.1
June	29.020	29.554	28.720	65.0	73.3	78.8	59.3	69.0	95	38	56	60	72	64	.480	.544	3.73	1.59	4.2	3.9	4.3
July	28.949	29.147	28.475	66.2	75.6	80.9	62.0	71.4	94	50	60	64	80	68	.523	.605	8.47	2.47	4.3	4.2	4.2
August	28.996	29.190	28.742	65.6	73.2	78.7	62.4	70.6	93	51	59	63	81	72	.519	.592	1.59	.65	5.9	4.9	4.7
September	29.042	29.348	28.499	56.1	63.8	70.2	52.2	61.2	94	34	50	53	82	70	.386	.431	4.32	2.10	4.9	3.9	4.8
October	28.909	29.526	28.586	43.7	49.9	55.9	40.7	48.3	76	22	39	42	83	75	.257	.299	2.53	.66	5.5	5.0	5.8
November	29.007	29.451	28.543	38.0	43.1	48.9	34.9	41.9	67	18	33	35	81	74	.204	.221	1.73	.99	5.8	5.2	6.6
December	29.076	29.348	28.740	29.0	33.0	38.1	25.9	32.0	53	13	25	27	85	77	.142	.153	.33	.55	5.3	4.4	5.6
Year	28.990	29.554	28.069	42.4	49.6	55.5	38.3	46.9	95	−13	36	40	80	71	.274	.312	36.04	2.47	5.4	5.0	5.7

MANTEO, N. C.

[ϕ=35° 54′ N.; λ=75° 40′ W.]

January						63.1	43.4	53.2	74	30							1.56	0.44			
February						53.7	36.4	45.0	76	26							4.20	1.42			
March						64.7	47.1	55.9	78	27							4.85	1.30			
April						67.1	50.0	58.6	82	31							4.41	4.18			
May						76.1	57.8	67.0	88	34							3.22	1.04			
June						81.3	65.6	73.4	95	51							3.52	1.54			
July						88.9	70.5	79.7	97	53							3.22	1.10			
August						83.9	68.8	76.4	93	53							2.82	1.36			
September						78.8	63.9	71.4	91	49							8.93	2.56			
October						70.8	53.7	62.2	83	37							3.96	2.80			
November						63.8	42.0	52.9	76	31							1.20	.60			
December						58.5	39.2	48.8	72	23							2.14	.82			
Year						70.9	53.2	62.0	97	23							44.03	4.18			

Annual meteorological summary for the year ending December 31, 1913—Continued.

LYNCHBURG, VA.

[H=681 ft.; h_t=153 ft.; h_r=146 ft.; h_a=188 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of winds, 8 a. m. and 8 p. m. Days with 40 miles and over.	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	3.8	SW.	25	SW.	0	10	9	4	5	7	12	3	9	3	7	10	14	12	8	1	1	0	3	0	0	11	0	0
February	4.4	NW.	26	S.	0	5	5	3	3	6	11	8	15	0	13	9	6	8	8	1	1	0	0	1	0	17	0	0
March	5.4	SW.	24	NW.	0	11	4	3	6	5	13	7	13	0	12	10	9	11	10	0	0	0	0	0	0	11	1	0
April	4.7	NW.	27	NW.	0	7	12	2	3	8	4	1	22	1	15	10	5	8	7	0	0	0	1	0	0	0	1	0
May	3.0	N.	19	SW.	0	14	9	2	6	8	8	4	10	1	12	15	4	12	10	0	0	0	0	0	4	0	5	0
June	2.8	N.	15	NE.	0	17	8	2	2	2	8	4	15	2	6	18	6	12	10	0	0	0	1	0	8	0	9	0
July	2.6	SW.	14	SW.	0	7	6	4	1	5	16	6	15	2	11	20	0	6	5	0	0	1	0	0	12	0	8	0
August	2.4	SW.	24	SE.	0	12	5	6	5	3	12	2	13	4	15	11	5	11	9	0	0	0	3	0	6	0	9	0
September	6.0	NE.	43	SW.	2	7	15	4	1	5	9	4	11	4	11	15	4	9	7	0	0	0	2	0	0	0	1	0
October	7.3	NW.	42	NW.	1	15	7	3	3	3	7	7	14	3	16	6	9	11	10	0	0	0	5	0	0	1	0	0
November	6.3	W.	36	N.	0	6	9	2	0	5	13	16	6	3	18	4	8	7	5	1	0	0	2	0	0	9	0	0
December	6.8	W.	42	NE.	1	7	7	8	1	3	6	13	17	0	12	9	10	6	4	0	0	0	1	0	0	12	0	0
Year	4.6	NW.	43	SW.	4	118	96	43	36	60	119	75	160	23	148	137	80	113	93	3	2	1	18	1	30	61	34	0

MACON, GA.

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

January	6.5	S.	36	SW.	0	7	8	6	9	13	6	5	8	0	7	8	16	12	8	1	0	0	9	0	0	0	1	0
February	6.3	NW.	30	S.	0	6	7	1	4	6	4	9	17	2	10	7	11	10	8	0	0	0	1	0	0	6	3	0
March	7.7	NW.	34	S.	0	6	10	6	5	9	5	2	19	0	10	6	15	11	10	0	0	0	1	0	0	3	6	0
April	6.8	NW.	26	NW.	0	0	6	4	5	12	5	9	17	2	17	6	7	6	5	0	0	0	0	0	0	0	1	0
May	5.6	S.	38	N.	0	7	6	7	8	16	3	5	8	2	15	10	6	6	4	0	0	0	0	0	4	0	6	0
June	5.3	S.	32	N.	0	9	5	4	10	12	10	2	6	2	15	9	6	11	9	0	0	0	0	0	18	0	10	0
July	4.9	S.	26	S.	0	7	5	2	6	11	11	6	11	3	8	10	13	13	10	0	0	0	0	0	16	0	14	0
August	4.4	S.	54	N.	1	6	9	8	6	13	6	4	6	4	11	15	5	7	7	0	0	0	0	0	12	0	10	0
September	4.8	NE.	20	NE.	0	19	19	11	3	9	2	1	4	1	19	9	11	10	7	0	0	0	0	0	4	0	4	0
October	5.9	NW.	28	S.	0	7	1	5	3	5	7	8	18	8	18	8	5	6	5	0	0	0	2	0	0	0	0	0
November	4.8	NW.	25	W.	0	10	7	4	2	5	4	3	21	4	16	7	7	3	2	0	0	0	0	0	0	5	1	0
December	5.4	N.	25	NW.	0	17	9	4	4	1	2	5	17	3	7	6	18	12	11	0	0	0	4	0	0	7	0	0
Year	5.7	NW.	54	N.	1	92	92	62	65	112	65	59	152	31	144	101	120	107	86	1	0	0	17	0	54	21	56	0

MADISON, WIS.

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

January	11.6	NW.	37	NE.	0	7	3	0	7	13	10	3	19	0	6	12	13	9	7	16	9	0	2	19	0	30	0	0
February	10.9	NW.	35	NE.	0	1	9	0	3	5	14	8	16	0	12	9	7	3	3	7	3	0	0	21	0	27	0	0
March	13.7	SW.	39	SW.	0	6	4	2	4	9	17	8	12	0	4	13	14	12	7	14	5	0	2	11	0	23	4	0
April	12.0	SE.	36	SW.	0	8	10	3	9	9	6	5	10	0	9	7	14	6	6	3	1	0	1	0	0	6	2	0
May	9.8	SW.	48	NE.	1	6	8	6	7	10	11	3	11	0	4	12	15	15	13	0	0	0	0	0	0	0	6	0
June	8.5	SW.	40	NE.	1	2	3	8	10	4	26	3	3	1	13	12	5	7	6	0	0	1	0	0	5	0	5	0
July	8.3	SW.	41	NE.	1	8	5	1	11	9	12	5	11	0	15	11	5	14	11	0	0	1	0	0	5	0	12	0
August	7.6	SE.	26	NE.	0	5	9	6	16	6	5	10	5	0	7	14	10	8	7	0	0	0	0	0	1	0	8	0
September	8.3	S.	27	NW.	0	2	5	8	12	12	5	3	10	3	14	7	9	10	8	0	0	0	3	0	3	0	2	0
October	10.2	NW.	42	SW.	1	8	7	2	7	12	10	2	14	0	10	8	13	12	8	5	0	0	4	0	0	8	2	0
November	11.2	SW.	43	SW.	1	5	5	3	4	12	18	6	6	1	8	8	14	8	4	3	0	0	8	1	0	10	0	0
December	9.0	SW.	44	NW.	1	8	9	2	2	1	20	4	15	1	10	8	13	2	2	7	0	0	3	10	0	22	0	0
Year	10.1	SW.	48	NE.	6	66	77	41	92	102	154	60	132	6	112	121	132	106	82	55	18	2	23	62	14	126	40	0

MANTEO, N. C.

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

January	.....	SW.	.....	.....	.....	0	4	1	3	0	13	0	4	0	16	8	7	6	6	0	0	.....	.....	0	0	1	0	.....
February	.....	SW.	.....	.....	.....	6	5	1	1	0	7	1	7	0	15	3	10	7	7	0	0	.....	.....	0	0	12	0	.....
March	.....	SW.	.....	.....	.....	3	4	2	4	1	11	4	2	0	11	10	10	10	10	0	0	.....	.....	0	0	2	3	.....
April	.....	SW.	.....	.....	.....	3	6	2	2	2	10	0	5	0	19	8	3	5	5	0	0	.....	.....	0	0	1	0	.....
May	.....	SW.	.....	.....	.....	1	7	3	6	1	11	1	1	0	15	10	6	9	9	0	0	.....	.....	0	0	0	1	.....
June	.....	NE.	.....	.....	.....	0	11	2	4	1	8	3	1	0	15	7	8	11	9	0	0	.....	.....	0	4	0	3	.....
July	.....	SW.	.....	.....	.....	1	3	2	3	1	17	3	1	0	19	11	1	9	8	0	0	.....	.....	0	15	0	6	.....
August	.....	NE.	.....	.....	.....	1	10	4	5	2	9	0	0	0	18	7	6	9	8	0	0	.....	.....	0	3	0	2	.....
September	.....	NE.	.....	.....	.....	0	13	1	1	7	7	1	0	0	13	10	7	7	7	0	0	.....	.....	0	1	0	0	.....
October	.....	NW.	.....	.....	.....	6	3	3	2	2	5	3	7	0	18	7	6	5	5	0	0	.....	.....	0	0	0	0	.....
November	.....	NE.	.....	.....	.....	2	10	1	1	2	9	1	4	0	21	7	2	2	2	0	0	.....	.....	0	0	3	0	.....
December	.....	NE.	.....	.....	.....	6	9	1	0	1	2	6	6	0	16	7	8	6	6	0	0	.....	.....	0	0	8	0	.....
Year	.....	SW.	.....	.....	.....	35	85	23	32	20	109	23	38	0	196	95	74	86	82	0	0	.....	.....	0	23	27	15	.....

Annual meteorological summary for the year ending Dec. 31, 1913—Continued.

MARQUETTE, MICH.

[ϕ=46° 34′ N.; λ=87° 24′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.162	29.758	28.538	16.8	18.6	25.4	10.0	17.7	43	−8	12	13	81	75	0.079	0.082	2.03	0.64	8.4	6.6	8.4
February	29.201	29.611	28.829	8.3	12.1	18.7	3.5	11.1	36	−14	3	5	78	70	.052	.057	2.28	1.08	7.6	4.6	6.2
March	29.159	29.658	28.494	17.4	23.3	30.2	13.6	21.9	53	−6	13	16	81	74	.086	.100	4.46	.95	7.2	6.1	7.1
April	29.301	29.782	28.850	38.1	41.1	49.1	33.2	41.2	84	18	28	30	66	65	.157	.173	3.00	1.39	4.6	4.3	4.6
May	29.249	29.739	28.855	45.6	47.9	56.3	38.9	47.6	87	29	36	36	71	66	.222	.220	2.04	.66	6.1	6.7	6.1
June	29.241	29.828	28.887	61.5	63.3	72.9	50.2	61.6	95	35	49	47	66	59	.371	.359	2.76	1.05	4.1	3.1	3.6
July	29.175	29.486	28.576	62.3	64.7	71.9	54.3	63.1	91	46	52	52	70	65	.394	.396	3.71	.99	4.5	4.3	4.7
August	29.237	29.568	28.807	62.1	64.5	71.8	56.5	64.2	95	45	54	55	76	72	.432	.441	.73	.18	5.6	4.8	5.0
September	29.295	29.723	28.576	53.0	55.9	63.7	48.6	56.2	92	34	47	47	81	75	.335	.344	3.76	1.38	5.4	4.5	5.8
October	29.197	29.675	28.666	43.5	45.7	52.7	40.0	46.4	75	24	36	37	76	72	.233	.242	3.20	1.02	7.0	6.1	7.1
November	29.214	29.604	28.688	35.8	39.2	45.1	32.3	38.7	64	18	28	31	74	72	.161	.177	1.33	.42	7.0	6.5	7.2
December	29.274	29.621	28.939	28.2	31.9	37.6	25.5	31.6	57	11	22	23	75	69	.119	.123	.94	.46	5.9	5.8	6.1
Year	29.225	29.828	28.494	39.4	42.4	49.6	33.9	41.8	95	−14	32	33	75	70	.220	.226	30.24	1.39	6.1	5.3	6.0

MEMPHIS, TENN.

[ϕ=35° 9′ N.; λ=90° 3′ W.]

January	29.712	30.193	29.264	43.2	48.0	54.2	37.8	46.0	70	21	38	39	81	72	0.253	0.259	7.71	2.20	6.3	6.2	6.6
February	29.719	30.078	29.128	37.4	45.0	48.9	35.0	42.0	71	20	29	31	71	60	.170	.194	5.23	3.00	4.8	5.4	5.4
March	29.721	30.199	29.134	45.8	54.5	59.4	42.5	51.0	81	24	36	41	69	63	.240	.294	4.78	1.90	5.8	4.7	4.8
April	29.679	30.020	29.398	55.1	64.6	68.7	53.6	61.2	82	40	45	55	71	72	.309	.441	5.40	3.42	4.3	4.1	4.0
May	29.634	29.822	29.396	64.3	74.3	78.3	61.8	70.0	91	51	56	63	76	70	.463	.604	2.97	2.51	4.1	5.0	4.6
June	29.640	29.920	29.485	72.8	82.3	87.1	69.0	78.0	96	56	64	70	74	67	.604	.737	.97	.52	2.2	4.2	3.1
July	29.642	29.818	29.401	76.0	83.9	88.2	73.7	81.0	95	69	69	70	79	66	.715	.755	5.91	2.09	4.1	4.7	4.4
August	29.626	29.760	29.480	74.7	84.2	89.3	72.6	81.0	97	64	67	70	78	66	.675	.765	3.09	1.38	2.6	2.9	2.6
September	29.631	29.826	29.371	67.1	74.0	80.6	65.0	72.8	94	47	61	63	83	70	.559	.599	6.01	2.07	5.7	5.8	6.0
October	29.645	30.165	29.378	54.5	62.8	68.6	52.7	60.6	86	30	48	50	80	65	.362	.401	3.53	1.17	6.4	3.0	5.6
November	29.767	30.173	29.475	51.6	60.9	66.1	49.2	57.6	78	34	43	46	73	62	.304	.344	1.64	.91	6.2	3.3	5.6
December	29.751	30.185	29.296	40.7	47.5	50.6	39.4	45.0	68	28	37	42	86	81	.229	.276	1.69	.48	5.5	6.3	6.6
Year	29.681	30.199	29.128	56.9	65.2	70.0	54.4	62.2	97	20	49	53	77	68	.407	.472	48.93	3.42	4.8	4.6	4.9

MERIDIAN, MISS.

[ϕ=32° 21′ N.; λ=88° 40′ W.]

January	29.747	30.157	29.283	48.2	55.7	62.9	43.5	53.2	75	28	44	48	87	78	0.323	0.369	8.89	2.03	7.2	5.7	6.6
February	29.708	29.972	29.224	40.3	50.5	57.1	38.2	47.6	73	23	36	40	83	69	.224	.268	4.23	1.67	6.1	4.8	5.2
March	29.743	30.240	29.276	49.2	58.8	65.4	45.2	55.3	82	29	44	45	81	62	.319	.333	5.75	1.96	5.9	6.1	5.7
April	29.692	30.000	29.497	54.8	66.9	74.3	50.2	62.2	85	38	48	48	80	54	.354	.351	1.83	1.25	4.1	3.4	4.1
May	29.637	29.853	29.423	64.4	74.1	82.2	58.7	70.4	91	50	59	59	82	61	.501	.500	7.24	2.63	4.6	5.7	5.2
June	29.643	29.860	29.487	71.5	81.0	88.2	65.6	76.9	96	50	65	63	80	57	.622	.591	3.20	2.34	4.1	5.2	4.8
July	29.668	29.840	29.485	75.1	81.3	90.1	71.1	80.6	97	68	70	70	85	70	.742	.728	4.77	1.79	6.4	7.9	6.7
August	29.634	29.793	29.476	73.9	83.4	91.0	69.7	80.4	96	60	69	69	85	62	.708	.703	2.31	1.69	3.0	4.5	4.1
September	29.634	29.842	29.408	67.7	73.4	81.0	64.8	72.9	96	46	64	66	89	78	.618	.643	8.52	2.68	6.3	6.9	7.3
October	29.663	30.080	29.432	54.2	62.2	71.7	51.0	61.4	86	32	51	54	88	74	.400	.447	2.14	.93	5.0	5.4	5.6
November	29.789	30.107	29.540	48.2	59.4	69.6	45.8	57.7	78	28	45	49	88	69	.312	.370	3.41	3.24	4.8	3.7	5.1
December	29.730	30.142	29.273	42.7	49.7	55.6	39.8	47.7	73	27	40	43	91	78	.262	.288	3.80	1.31	7.0	6.5	7.8
Year	29.691	30.240	29.224	57.5	66.4	74.1	53.6	63.9	97	23	53	54	85	68	.449	.466	56.09	3.24	5.4	5.5	5.7

MIAMI, FLA.

[ϕ=25° 48′ N.; λ=80° 12′ W.]

January	30.136	30.290	29.784	70.3	71.9	77.9	66.9	72.4	82	47	64	65	80	79	0.597	0.626	4.42	1.93	4.7	2.5	4.6
February	30.045	30.234	29.865	66.5	71.7	78.4	63.1	70.8	85	48	62	64	87	77	.572	.600	1.86	.92	4.8	2.6	4.8
March	30.098	30.275	29.910	73.8	74.7	80.6	70.3	75.4	84	61	68	68	82	79	.676	.677	4.39	2.08	6.2	3.6	6.4
April	30.046	30.215	29.809	71.0	72.3	78.7	64.6	71.6	83	54	59	60	67	67	.517	.535	3.78	1.89	3.5	3.6	4.6
May	30.015	30.103	29.895	75.8	75.6	82.3	69.8	76.0	86	60	66	66	72	72	.635	.637	8.42	3.69	5.2	5.2	6.0
June	30.018	30.116	29.937	79.7	78.6	84.8	72.9	78.8	87	67	70	70	74	76	.742	.739	4.07	1.41	7.1	6.8	7.3
July	30.066	30.159	29.942	82.4	80.6	88.0	74.6	81.3	91	70	73	72	73	74	.800	.773	2.98	.56	5.2	5.4	5.6
August	30.000	30.136	29.840	81.4	80.3	87.5	75.8	81.6	91	70	73	73	76	78	.808	.800	5.67	1.73	6.8	6.5	7.5
September	29.970	30.093	29.876	80.4	79.8	85.5	75.1	80.3	88	70	72	72	77	78	.791	.789	6.46	2.62	6.3	4.2	7.3
October	29.984	30.155	29.834	73.9	76.3	82.4	68.1	75.2	91	57	66	66	78	72	.656	.647	4.51	2.39	5.8	3.7	6.5
November	30.075	30.228	29.764	69.9	71.5	76.4	66.5	71.4	82	48	62	63	77	76	.575	.595	4.39	1.35	6.9	4.8	6.6
December	30.046	30.234	29.876	64.0	69.1	76.1	59.7	67.9	80	47	60	61	87	77	.527	.556	.32	.24	6.5	3.0	6.3
Year	30.042	30.290	29.764	74.1	75.2	81.6	69.0	75.2	91	47	66	67	78	75	.658	.664	51.27	3.69	5.8	4.3	6.1

Annual meteorological summary for the year ending December 31, 1913—Continued.

MARQUETTE, MICH.

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

Month.	Wind.														Number of days.											
	By self-register.					Number of winds, 8 a. m. and 8 p. m.												Precipitation.		Snow.				Maximum temp.		Minimum temperature 32° or below.	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.		Thunderstorms.	Auroras.
	Miles		*Mi.*																									
January	12.2	NW.	48	SW.	3	0	1	0	8	11	15	11	16	0	2	6	23	18	9	22	18	0	0	23	0	31	0	0
February	10.7	SW.	33	NW.	0	2	5	2	5	9	15	10	8	0	6	12	10	16	8	19	16	0	0	26	0	28	0	0
March	12.0	NW.	39	NW.	0	3	0	1	11	8	8	7	23	1	4	11	16	18	12	21	16	6	1	17	0	29	1	0
April	11.5	NW.	39	SE.	0	1	5	4	11	8	4	5	22	0	13	7	10	7	5	8	6	0	0	1	0	17	2	1
May	9.5	NW.	39	SW.	0	3	6	10	11	4	6	4	18	0	8	7	16	13	11	1	0	1	3	0	0	6	1	0
June	9.6	SW.	40	SW.	1	1	2	8	11	4	15	4	14	1	17	8	5	9	7	0	0	0	4	0	2	0	8	0
July	9.9	NW.	42	SW.	1	1	3	4	5	5	15	7	20	2	15	7	9	16	9	0	0	0	1	0	1	0	8	0
August	9.1	SW.	35	S.	0	2	5	5	6	8	6	12	16	2	10	11	10	10	8	0	0	0	1	0	1	0	4	0
September	11.0	NW.	39	NW.	0	2	2	4	21	3	6	8	14	0	9	9	12	13	9	2	2	0	4	0	1	0	2	2
October	11.3	NW.	38	S.	0	1	4	1	9	9	14	10	14	0	4	10	17	13	8	6	4	0	1	1	0	9	3	0
November	13.1	SW.	46	SW.	5	3	2	1	11	6	16	11	10	0	6	5	19	9	8	5	4	0	1	2	0	13	0	0
December	10.4	NW.	42	NW.	2	2	1	0	3	10	19	8	19	0	11	5	15	6	4	12	5	0	0	12	0	24	0	0
Year	10.9	NW.	49	SW.	12	21	36	40	112	85	139	97	194	6	105	98	162	148	98	96	71	2	16	82	5	157	29	3

MEMPHIS, TENN.

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

January	10.4	S.	54	NW.	1	7	7	2	11	19	3	2	11	0	9	5	17	13	13	0	0	1	0	1	0	8	2	0
February	7.8	N.	33	SW.	0	12	9	3	8	9	9	3	3	0	10	5	13	9	7	3	0	0	1	2	0	13	2	0
March	11.3	S.	64	SW.	3	4	8	2	13	17	5	6	7	0	13	6	12	7	7	2	0	0	1	0	0	6	3	0
April	9.4	S.	38	NW.	0	14	6	4	6	12	8	4	6	0	15	6	9	8	6	0	0	1	0	0	0	0	1	0
May	7.6	SW.	26	SW.	0	14	12	2	10	10	13	1	0	0	15	5	11	5	3	0	0	0	0	0	1	0	2	0
June	6.0	SW.	52	NW.	1	9	7	4	3	10	13	3	8	3	18	7	5	6	4	0	0	1	0	0	14	0	8	0
July	7.5	SW.	38	NW.	0	7	5	1	4	11	21	11	1	1	17	4	10	9	8	0	0	0	0	0	10	0	10	0
August	5.8	SW.	33	NE.	0	7	6	0	5	13	19	4	6	2	23	2	6	8	5	0	0	0	0	0	16	0	5	0
September	6.9	S.	34	NW.	0	3	13	7	13	11	7	3	3	0	9	7	14	15	12	0	0	0	1	0	6	0	6	0
October	8.1	S.	36	NW.	0	10	5	2	15	12	6	4	7	1	11	7	13	11	9	0	0	0	1	0	0	1	1	0
November	8.4	S.	38	NW.	0	5	5	2	15	18	6	1	7	1	10	7	13	4	4	0	0	0	1	0	0	0	0	0
December	6.9	NE.	36	NW.	0	11	15	11	4	5	5	5	5	1	9	5	17	9	7	1	1	0	0	0	0	5	0	0
Year	8.0	S.	64	SW.	5	103	98	40	107	147	115	47	64	9	159	66	140	104	85	6	1	3	5	3	47	33	40	0

MERIDIAN, MISS.

[H=375 ft.; h_t=85 ft.; h_r=62 ft.; h_a=93 ft.]

January	6.6	S.	33	W.	0	7	7	6	10	14	9	2	4	3	8	8	15	14	13	0	0	0	2	0	0	6	3	0
February	5.7	N.	23	SW.	0	15	13	8	5	1	4	4	5	1	11	6	11	9	7	0	0	0	3	0	0	9	4	0
March	6.6	NE.	29	NW.	0	8	13	12	4	7	6	5	5	2	7	11	13	10	8	0	0	0	2	0	0	4	6	0
April	5.7	NW.	26	SW.	0	3	4	3	6	10	2	5	17	10	16	5	9	6	5	0	0	0	0	0	0	0	2	0
May	4.1	SW.	25	SW.	0	6	4	3	7	7	8	7	4	16	12	10	9	8	8	0	0	0	0	0	1	0	9	0
June	4.2	SW.	21	E.	0	3	9	8	8	5	12	7	2	6	15	4	11	8	6	0	0	0	0	0	19	0	9	0
July	4.1	SW.	23	SW.	0	2	2	3	4	10	25	4	10	2	4	13	14	11	10	0	0	0	0	0	18	0	13	0
August	3.5	S.	25	NE.	0	5	5	2	3	11	8	6	4	18	15	11	5	3	3	0	0	0	0	0	23	0	7	0
September	5.2	E.	29	NE.	0	0	3	28	9	6	9	2	1	2	6	4	20	16	13	0	0	0	1	0	2	0	8	0
October	4.7	N.	26	W.	0	10	5	6	9	6	7	8	3	8	12	5	14	8	4	0	0	0	0	0	0	2	1	0
November	4.3	E.	24	W.	0	4	10	13	13	2	5	2	5	6	12	7	11	2	2	0	0	0	3	0	0	2	0	0
December	4.5	NE.	24	W.	0	12	16	7	2	1	2	4	12	6	4	6	21	8	6	1	0	0	3	0	0	5	0	0
Year	4.9	E.	33	W.	0	75	91	99	80	80	97	56	72	80	122	90	153	103	85	1	0	0	14	0	63	28	62	0

MIAMI, FLA.

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

January	9.8	SE.	26	NE.	0	3	9	19	18	3	3	0	7	0	12	14	5	11	10	0	0	0	0	0	0	0	1	0
February	8.8	SE.	31	SW.	0	5	2	4	9	11	6	3	15	1	11	9	8	7	6	0	0	0	1	0	0	0	2	0
March	11.4	SE.	34	NE.	0	5	11	11	21	5	4	2	3	0	3	16	12	14	12	0	0	0	0	0	0	0	3	0
April	10.1	SE.	36	NE.	0	6	9	16	10	0	6	2	11	0	8	17	5	5	4	0	0	0	0	0	0	0	4	0
May	8.5	SE.	26	N.	0	1	10	13	22	3	4	1	8	0	7	14	10	6	6	0	0	0	0	0	0	0	6	0
June	7.8	SE.	22	E.	0	3	12	6	25	8	2	0	4	0	2	10	18	11	8	0	0	0	0	0	0	0	8	0
July	7.0	SE.	22	SW.	0	2	8	19	16	4	6	2	5	0	2	26	3	11	9	0	0	0	0	0	1	0	10	0
August	7.6	SE.	28	NE.	0	1	8	14	15	4	10	2	7	1	1	16	14	17	15	0	0	0	0	0	1	0	9	0
September	8.2	E.	25	E.	0	5	14	25	11	3	0	0	2	0	0	16	14	15	14	0	0	0	0	0	0	0	7	0
October	7.8	NE.	27	NE.	0	6	14	5	13	5	3	1	15	0	4	17	10	7	6	0	0	0	0	0	1	0	2	0
November	12.0	NE.	32	NE.	0	6	20	23	2	1	1	1	5	1	6	7	17	17	14	0	0	0	0	0	0	0	2	0
December	6.8	NW.	22	S.	0	16	2	6	9	9	4	5	11	0	3	16	12	4	2	0	0	0	2	0	0	0	0	0
Year	8.8	SE.	36	NE.	0	59	119	161	171	56	49	19	93	3	59	178	128	125	106	0	0	0	3	0	3	0	54	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

MILES CITY, MONT.

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

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of winds, 8 a. m. and 8 p. m. Days with 40 miles and over.	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	5.6	W.	36	W.	0	4	7	1	2	11	11	15	11	0	5	14	12	15	7	13	12	0	0	21	0	30	0	0
February	5.9	W.	30	W.	0	4	6	5	8	7	10	12	4	0	7	17	4	5	3	7	4	0	0	20	0	25	0	0
March	6.2	NE.	32	NW.	0	7	11	3	12	1	6	10	9	0	10	9	12	12	7	12	10	0	1	15	0	27	0	0
April	6.8	NE.	40	W.	1	9	11	9	7	4	10	3	7	0	10	16	4	4	3	2	1	0	0	0	0	8	0	0
May	5.8	NE.	27	W.	0	10	17	5	9	4	6	6	5	0	10	17	4	11	9	1	0	1	0	0	1	1	3	0
June	5.8	NE.	28	N.	0	8	23	3	14	2	4	4	2	0	7	22	1	15	12	0	0	2	0	0	3	0	11	0
July	5.8	NE.	40	W.	1	5	21	8	12	0	5	7	4	0	19	12	0	9	6	0	0	0	0	0	10	0	7	0
August	4.2	NE.	27	NE.	0	7	24	4	11	1	6	4	5	0	20	10	1	9	7	0	0	1	0	0	16	0	6	0
September	4.9	NE.	27	SE.	0	10	10	8	6	7	5	6	8	0	17	8	5	7	5	2	2	0	0	0	5	1	0	0
October	5.8	NW.	24	N.	0	3	11	2	16	7	5	3	15	0	14	8	9	9	8	1	1	0	0	0	0	9	0	0
November	4.0	SE.	32	NW.	0	1	10	6	23	6	5	3	6	0	12	16	2	2	0	0	0	0	0	0	0	21	0	0
December	3.7	S.	17	W.	0	5	5	2	14	28	0	6	2	0	25	6	0	2	0	2	1	0	0	6	0	31	0	0
Year	5.4	NE.	40	W.	2	73	159	56	134	78	73	79	78	0	156	155	54	100	67	40	31	4	1	62	35	153	27	0

MILWAUKEE, WIS.

[H=681 ft.; h_t=125 ft.; h_r=117 ft.; h_a=139 ft.]

January	11.5	SW.	33	NE.	0	6	4	0	3	6	18	14	11	0	5	11	15	11	6	15	8	0	2	15	0	29	0	0
February	12.0	W.	32	SW.	0	6	3	0	3	3	12	15	14	0	13	6	9	8	2	11	6	0	0	17	0	27	0	0
March	13.3	SW.	39	W.	0	4	7	0	9	5	18	14	5	0	8	13	10	14	10	13	8	0	1	10	0	22	2	0
April	11.8	NE.	45	SE.	1	11	11	3	10	5	5	9	6	0	15	6	9	11	7	4	2	1	1	0	0	3	2	0
May	10.3	NE.	40	NE.	1	9	16	3	10	2	9	6	7	0	13	6	12	12	9	0	0	0	2	0	0	0	6	0
June	9.1	SW.	38	NW.	0	5	17	2	7	3	17	8	1	0	18	8	4	9	8	0	0	0	0	0	5	0	8	0
July	8.8	NE.	39	E.	0	3	13	3	12	4	12	7	8	0	16	11	4	11	10	0	0	0	0	0	2	0	11	0
August	8.9	NE.	34	E.	0	6	17	7	4	3	9	9	7	0	6	18	7	10	6	0	0	0	0	0	2	0	9	0
September	10.6	SE.	34	SE.	0	2	8	7	14	5	10	5	9	0	11	10	9	8	7	0	0	0	2	0	2	0	3	0
October	10.1	SW.	33	S.	0	7	5	5	4	7	10	11	13	0	12	5	14	11	9	4	2	0	3	0	0	6	2	0
November	11.4	SW.	38	N.	0	5	6	5	3	4	24	5	8	0	9	5	16	8	5	3	1	0	3	2	0	8	1	0
December	10.1	W.	33	N.	0	8	6	3	0	2	18	14	11	0	12	4	15	4	0	3	2	0	2	4	0	19	0	0
Year	10.7	SW.	45	SE.	2	72	113	38	79	49	162	117	100	0	138	103	124	117	79	53	29	1	16	48	11	114	44	0

MINNEAPOLIS, MINN.

[H=— ft.; h_t=102 ft.; h_r=92 ft.; h_a=208 ft.]

January	12.7	NW.	38	W.	0	4	1	1	3	7	1	5	9	0	8	18	5	9	4	11	9	0	1	20	0	31	0	0
February	13.0	W.	36	NE.	0	3	2	1	2	3	2	9	6	0	10	12	6	4	4	8	4	0	0	21	0	28	0	0
March	14.3	NW.	60	NE.	3	3	4	0	4	6	2	6	6	0	4	12	15	15	9	18	13	0	2	17	0	27	2	0
April	14.4	S.	36	S.	0	4	4	6	3	8	0	2	3	0	11	9	10	10	7	6	4	0	0	0	0	9	2	0
May	11.1	W.	38	NW.	0	2	3	4	2	5	1	8	6	0	9	9	13	14	8	0	0	0	0	0	0	0	4	0
June	11.8	S.	61	NW.	1	4	2	4	2	8	3	5	2	0	15	12	3	7	5	0	0	0	0	0	0	5	5	1
July	11.1	W.	50	W.	1	6	0	2	6	1	2	8	6	0	11	12	8	15	10	0	0	0	0	0	3	0	12	0
August	10.4	S.	43	NW.	1	3	2	5	5	6	2	3	5	0	11	10	10	8	5	0	0	0	0	0	3	0	3	0
September	11.9	S.	40	NW.	1	7	1	4	3	8	0	3	4	0	15	4	11	10	8	0	0	0	1	0	3	1	3	0
October	11.8	S.	36	NW.	0	6	1	0	3	7	5	3	6	0	9	11	11	8	5	5	3	0	1	3	0	11	2	0
November	12.2	S.	50	NW.	2	1	1	1	6	8	2	5	6	0	10	9	11	9	6	3	1	0	3	2	0	12	1	0
December	9.8	W.	48	NW.	2	5	1	0	3	5	5	7	5	0	14	4	13	1	1	6	0	0	2	9	0	26	0	0
Year	12.0	S.	61	NW.	11	48	22	28	42	72	25	64	64	0	127	122	116	110	72	57	34	0	10	72	14	145	34	1

MOBILE, ALA.

[H=57 ft.; h_t=125 ft.; h_r=119 ft.; h_a=161 ft.]

January	8.6	SE.	36	W.	0	11	5	4	20	10	4	1	7	0	6	11	14	12	10	0	0	0	3	0	0	0	3	0
February	8.3	N.	31	SE.	0	20	7	3	7	5	5	1	8	0	9	10	9	12	10	0	0	0	0	0	0	1	5	0
March	9.2	N.	33	SE.	0	16	7	6	12	9	4	1	7	0	5	13	13	12	10	0	0	0	1	0	0	0	7	0
April	8.5	NW.	32	NW.	0	9	1	7	14	6	5	3	15	0	19	7	4	6	6	0	0	0	1	0	0	0	3	0
May	7.7	SE.	24	W.	0	8	3	5	13	10	10	3	10	0	14	14	3	7	5	0	0	0	0	0	1	0	6	0
June	6.6	N.	25	SE.	0	15	6	7	6	13	5	2	6	0	13	13	4	12	9	0	0	0	1	0	10	0	12	0
July	6.2	SW.	35	NE.	0	7	2	2	10	9	14	4	14	0	5	18	8	18	11	0	0	0	0	0	13	0	19	0
August	6.4	S.	33	E.	0	7	9	5	11	12	4	4	10	0	12	17	2	12	11	0	0	0	0	0	20	0	9	0
September	6.2	E.	28	SE.	0	4	11	18	15	5	2	3	2	0	8	14	8	13	13	0	0	0	0	0	3	0	8	0
October	7.4	N.	29	N.	0	19	6	4	9	7	5	2	10	0	17	10	4	4	4	0	0	0	0	0	0	0	1	0
November	8.3	N.	33	SE.	0	19	6	7	12	7	2	2	5	0	15	11	4	2	2	0	0	0	3	0	0	0	0	0
December	8.6	NW.	34	N.	0	15	16	1	5	4	1	1	19	0	5	12	14	8	5	0	0	0	1	0	0	1	2	0
Year	7.7	N.	36	W.	0	150	79	69	134	97	61	27	113	0	128	150	87	118	96	0	0	0	10	0	47	2	75	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

MILES CITY, MONT.

[ϕ=46° 25′ N.; λ=105° 49′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	27.436	27.876	27.015	7.0	13.0	21.2	1.4	11.3	47	−34	3	8	84	78	0.066	0.079	1.80	1.27	6.7	6.7	6.1
February	27.536	27.915	27.166	11.1	21.6	27.1	9.2	18.2	58	−15	6	14	77	70	.068	.094	.25	.12	5.0	6.2	5.1
March	27.483	27.806	27.087	18.2	29.1	34.2	16.4	25.3	57	−21	15	22	86	73	.101	.133	1.88	.67	6.9	6.5	5.5
April	27.446	27.837	27.037	40.1	59.8	63.7	38.4	51.0	86	26	34	40	80	51	.197	.251	.40	.27	3.9	4.5	4.2
May	27.459	27.796	27.179	48.5	63.2	66.7	46.1	56.4	92	31	44	45	84	56	.295	.314	2.52	.73	6.5	4.8	4.7
June	27.382	27.739	26.979	60.7	75.4	81.2	57.3	69.2	90	47	54	57	80	58	.426	.477	3.32	.95	4.4	5.4	4.3
July	27.476	27.775	27.057	63.5	81.5	85.6	58.4	72.0	102	49	52	56	71	45	.405	.449	.71	.26	3.5	3.6	2.8
August	27.489	27.857	27.064	62.9	84.2	89.3	59.6	74.4	100	51	51	60	68	46	.384	.515	2.24	1.00	4.2	3.5	2.8
September	27.495	27.853	27.043	50.1	70.0	77.2	48.0	62.6	98	28	42	52	74	59	.276	.727	2.97	1.53	3.5	3.6	3.2
October	27.503	27.958	27.084	35.7	46.9	53.8	34.8	44.3	83	14	32	37	84	70	.182	.233	1.83	.71	6.6	4.7	4.8
November	27.425	27.879	26.918	30.0	42.7	51.7	28.8	40.2	64	20	26	34	82	73	.138	.201	.04	.02	4.8	3.7	3.7
December	27.568	28.031	26.889	17.6	30.0	39.7	15.7	27.7	55	2	12	22	78	70	.074	.120	.02	.01	.7	1.5	1.7
Year	27.475	28.031	26.889	37.1	51.4	57.6	34.5	46.0	102	−34	31	37	79	72	.218	.299	17.98	1.53	4.7	4.6	4.1

MILWAUKEE, WIS.

[ϕ=43° 2′ N.; γ=87° 54′ W.]

January	29.262	29.786	28.683	22.2	25.5	32.0	15.7	23.8	51	− 5	17	19	78	73	0.102	0.108	1.07	0.46	6.4	5.6	6.6
February	29.291	29.715	28.748	15.9	21.9	27.4	12.1	19.8	59	− 8	9	13	74	68	.078	.089	2.05	1.81	3.8	5.5	4.6
March	29.227	29.838	28.518	27.4	32.5	40.5	21.3	31.9	61	− 6	22	25	78	73	.130	.147	3.09	1.11	5.5	6.2	5.9
April	29.328	29.803	28.809	43.0	46.0	53.5	37.9	45.7	80	30	34	35	70	67	.197	.211	3.00	1.59	4.2	5.6	4.5
May	29.292	29.811	28.993	51.4	54.1	62.3	46.0	54.2	83	34	42	43	72	68	.280	.291	5.65	1.12	4.9	6.3	5.3
June	29.323	29.855	29.054	64.7	68.4	76.7	56.9	66.8	95	39	53	55	67	64	.437	.465	2.43	1.09	3.4	3.7	3.3
July	29.249	29.446	28.819	67.1	71.3	78.6	61.3	70.0	93	54	57	59	72	67	.482	.508	3.59	1.29	2.8	4.5	3.6
August	29.291	29.498	29.025	67.2	71.6	78.2	63.9	71.0	92	56	59	60	76	68	.512	.525	1.64	.76	5.6	6.1	5.2
September	29.343	29.667	28.745	59.7	63.4	69.1	56.4	62.8	96	37	51	53	74	70	.399	.420	2.05	.77	5.1	4.9	4.7
October	29.260	29.809	28.842	46.4	51.1	57.2	43.6	50.4	77	25	40	42	80	71	.273	.287	3.56	1.40	4.8	4.5	5.5
November	29.315	29.758	28.844	39.7	44.8	50.3	36.6	43.4	70	19	33	35	77	69	.205	.213	2.17	1.32	6.3	4.4	6.0
December	29.367	29.657	28.997	31.9	35.6	40.6	29.7	35.2	56	17	27	28	79	73	.150	.160	.08	.05	4.5	4.3	5.5
Year	29.296	29.855	28.518	44.7	48.8	55.5	40.3	47.9	96	− 8	37	39	75	69	.270	.285	30.38	1.81	4.8	5.1	5.1

MINNEAPOLIS, MINN.

[ϕ=44° 59′ N.; λ=93° 18′ W.]

January					15.1	23.1	3.0	13.0	43	−19		10		78		0.073	0.42	0.21			5.1
February					16.5	21.5	3.9	12.7	53	−16		11		77		.078	.74	.53			4.8
March					29.3	35.6	15.8	25.7	58	−17		20		69		.121	1.65	.55			6.3
April					54.2	58.8	39.2	49.0	86	29		34		51		.210	1.86	.79			4.9
May					61.3	65.1	46.6	55.8	89	34		42		53		.285	2.86	1.07			6.3
June					76.3	80.9	60.1	70.5	95	43		53		47		.446	2.21	.89			3.8
July					75.1	79.5	61.4	70.4	97	53		60		61		.533	7.75	2.11			5.1
August					76.7	81.7	64.0	72.8	100	55		61		60		.557	1.40	.81			5.4
September					64.4	70.4	52.4	61.4	97	31		50		61		.391	4.12	2.52			4.8
October					49.0	55.5	37.2	46.4	84	16		37		64		.240	2.55	1.77			6.0
November					41.9	47.4	33.0	40.2	64	13		33		71		.197	.48	.14			5.5
December					32.8	37.2	23.7	30.4	56	10		25		71		.137	.05	.05			4.8
Year					49.4	54.7	36.7	45.7	100	−19		36		64		.272	26.09	2.52			5.2

MOBILE, ALA.

[ϕ=30° 41′ N.; λ=88° 02′ W.]

January	30.091	30.471	29.566	53.2	58.5	65.1	49.7	57.4	74	36	49	52	86	80	0.369	0.413	4.29	1.50	7.0	5.5	6.1
February	30.032	30.304	29.591	48.3	55.7	62.8	45.2	54.0	77	30	41	44	75	67	.274	.309	3.40	1.13	6.1	5.3	5.1
March	30.075	30.549	29.627	55.7	62.3	67.5	52.8	60.2	79	37	48	53	77	73	.381	.443	10.58	4.12	6.9	6.1	6.2
April	30.031	30.273	29.823	59.9	68.1	74.7	56.5	65.6	87	42	52	53	76	61	.408	.421	4.16	1.88	3.2	2.6	2.7
May	29.972	30.186	29.777	68.9	75.0	82.4	65.0	73.7	94	55	62	63	80	67	.567	.574	1.59	.89	3.1	4.5	3.6
June	29.972	30.165	29.827	74.2	79.4	87.3	69.8	78.6	100	56	67	68	78	69	.672	.692	3.88	1.65	3.7	5.3	4.2
July	30.010	30.171	29.838	78.1	79.9	89.1	73.8	81.4	98	70	72	72	81	76	.771	.770	4.41	1.22	5.8	7.0	5.7
August	29.959	30.105	29.803	77.2	81.8	90.4	74.5	82.4	97	70	72	71	84	71	.786	.762	5.61	2.21	3.0	5.7	3.9
September	29.948	30.139	29.746	72.1	77.0	83.1	70.1	76.6	94	53	67	69	84	77	.679	.729	15.50	7.40	4.9	6.2	5.5
October	29.990	30.342	29.725	59.4	67.0	74.1	56.9	65.5	85	38	54	56	83	70	.456	.489	1.70	1.40	4.0	3.5	3.6
November	30.121	30.398	29.859	53.6	63.7	70.8	52.1	61.4	80	38	49	54	85	72	.371	.449	3.75	3.75	3.4	2.6	3.5
December	30.051	30.433	29.596	48.8	55.5	61.3	46.4	53.8	78	32	44	47	84	75	.311	.344	2.55	.92	7.0	5.3	6.2
Year	30.021	30.549	29.566	62.4	68.7	75.7	59.4	67.6	100	30	56	58	81	72	.504	.533	61.42	7.40	4.8	5.0	4.7

Annual meteorological summary for the year ending December 31, 1913—Continued.

MODENA, UTAH.

[H=5,479 ft.; h_t=10 ft.; h_r=2 ft.; h_a=43 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of winds, 8 a. m. and 8 p. m. Days with 40 miles and over.	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	10.6	W.	41	SW.	1	2	4	12	4	2	9	26	3	0	22	4	5	3	3	4	3	0	0	8	0	31	0	0
February	8.1	W.	38	N.	0	2	5	10	6	4	8	16	4	1	16	1	11	8	7	11	8	0	0	7	0	28	0	0
March	11.2	W.	52	SW.	4	4	4	6	2	2	15	20	9	0	17	10	4	3	1	8	3	0	0	2	0	29	0	0
April	12.2	SW.	50	SW.	9	5	3	7	3	4	16	20	2	0	18	8	4	3	1	2	1	0	0	0	0	20	0	0
May	11.7	SW.	49	SW.	3	5	1	3	0	4	18	26	5	0	14	12	5	4	4	1	1	0	0	0	0	5	3	0
June	13.9	SW.	54	SW.	10	2	0	1	1	5	26	25	0	0	15	11	4	7	4	1	1	0	0	0	0	0	6	0
July	11.7	SW.	45	SW.	3	2	1	4	1	5	18	23	8	0	14	13	4	4	3	0	0	0	0	0	6	0	9	0
August	9.7	SW.	52	SW.	3	7	2	5	1	3	24	18	2	0	8	16	7	8	4	0	0	0	0	0	0	0	0	0
September	9.6	W.	52	NW.	2	4	3	10	1	5	11	23	3	0	18	8	4	6	2	0	0	0	0	0	0	4	9	0
October	10.0	W.	48	N.	1	6	5	14	1	2	11	20	3	0	18	13	0	3	2	0	0	0	0	0	0	20	3	0
November	8.5	SW.	45	W.	1	1	7	8	3	6	18	15	1	1	10	10	10	10	6	8	0	0	0	0	0	21	3	0
December	7.5	W.	29	W.	0	4	10	11	0	1	12	18	3	3	13	10	8	4	3	9	4	0	0	10	0	31	0	0
Year	10.4	W.	54	SW.	37	44	45	91	23	43	186	250	43	5	183	116	66	63	40	44	21	0	0	27	6	189	54	0

MONTGOMERY, ALA.

[H=223 ft.; h_t=100 ft.; h_r=71 ft.; h_a=112 ft.]

January	7.6	SE.	36	W.	0	7	3	7	19	10	7	4	5	0	9	9	13	13	11	0	0	0	3	0	0	1	3	0
February	7.3	N.	28	SW.	0	17	6	10	3	3	7	3	7	0	10	8	10	10	6	2	0	0	0	0	0	3	5	0
March	8.3	S.	35	SW.	0	9	8	11	8	12	5	1	8	0	9	9	13	12	10	0	0	0	0	0	0	2	8	0
April	7.2	NW.	24	SW.	0	10	3	2	11	10	3	9	12	0	17	7	6	7	4	0	0	0	0	0	0	1	1	0
May	5.7	SW.	35	NE.	0	11	2	4	11	9	11	6	8	0	13	15	3	5	4	0	0	0	0	0	3	0	8	0
June	5.9	SW.	26	E.	0	6	5	9	5	10	11	8	6	0	16	10	4	10	8	0	0	0	0	0	21	0	13	0
July	5.9	SW.	33	SE.	0	7	3	5	9	11	13	11	3	0	9	11	11	12	10	0	0	0	0	0	20	0	16	0
August	5.4	SE.	26	N.	0	6	3	9	14	12	7	7	4	0	18	13	0	7	5	0	0	0	0	0	23	0	10	0
September	6.1	E.	26	SE.	0	1	4	26	12	4	7	2	4	0	9	9	12	15	12	0	0	0	0	0	3	0	6	0
October	5.8	NW.	24	SE.	0	13	3	3	6	6	7	10	13	1	17	9	5	5	5	0	0	0	1	0	0	0	0	0
November	5.8	SE.	39	NW.	0	10	6	12	18	6	4	1	3	0	18	8	4	3	3	0	0	0	0	0	0	1	0	0
December	6.0	NE.	27	W.	0	11	13	10	6	3	2	8	9	0	6	12	13	13	9	0	0	0	0	0	0	3	3	0
Year	6.4	SE.	39	NW.	0	108	59	108	122	96	84	70	82	1	151	120	94	112	87	2	0	0	4	0	70	10	70	0

MOORHEAD, MINN.

[H=940 ft.; h_t=8 ft.; h_r=3 ft.; h_a=57 ft.]

January	9.1	NW.	28	NW.	0	8	3	1	4	16	4	3	23	0	15	8	8	11	6	15	11	0	0	27	0	31	0	0
February	9.7	NW.	32	NW.	0	10	2	1	2	6	6	11	17	1	13	3	12	4	0	11	4	0	0	26	0	28	0	0
March	11.0	NW.	37	N.	0	16	4	1	5	11	2	6	17	0	14	5	12	17	10	21	16	0	0	19	0	29	0	0
April	10.6	SE.	29	SE.	0	8	8	4	14	10	4	3	9	0	17	5	8	9	7	3	2	0	0	0	0	13	2	0
May	8.2	N.	26	NW.	0	13	12	4	9	7	3	2	12	0	15	9	7	10	10	0	0	0	0	0	2	5	3	0
June	8.8	SE.	30	NW.	0	11	8	2	19	9	5	1	4	1	23	7	0	10	8	0	0	1	0	0	4	0	7	0
July	6.9	NW.	42	NW.	1	13	4	5	10	5	2	5	18	0	20	9	2	12	9	0	0	0	0	0	1	0	10	0
August	6.8	SE.	30	NW.	0	6	6	3	17	9	4	4	13	0	22	6	3	10	7	0	0	0	0	0	2	0	7	0
September	7.2	S.	36	NW.	0	8	5	8	12	13	3	3	8	0	18	8	4	9	5	0	0	0	0	0	2	3	3	0
October	8.2	N.	32	N.	0	15	3	1	8	10	5	8	12	0	14	7	10	9	5	4	2	0	0	5	0	20	3	0
November	7.9	SE.	34	NW.	0	4	4	0	15	13	8	6	10	0	12	8	10	5	3	4	3	0	0	1	0	24	0	0
December	7.4	S.	31	NW.	0	11	2	0	9	12	10	8	10	0	19	7	5	1	0	2	0	0	0	0	14	31	0	0
Year	8.5	NW.	42	NW.	1	123	61	30	124	121	56	60	153	2	202	82	81	107	70	60	34	1	0	92	11	184	35	0

MOUNT TAMALPAIS, CAL.

[H=2,375 ft.; h_t=11 ft.; h_r=5 ft.; h_a=18 ft.]

January	21.5	NE.	67	NW.	15	12	19	3	7	6	5	3	7	0	18	3	10	11	11	6	1	1	12	2	0	10	2	0
February	18.7	NW.	71	NW.	10	10	9	5	7	0	4	1	20	0	16	5	7	5	4	3	2	1	5	0	0	4	1	0
March	17.0	NW.	66	NW.	13	2	4	2	5	2	7	6	34	0	21	4	6	9	6	2	1	1	10	0	0	6	0	0
April	20.4	NW.	74	NW.	15	3	3	0	6	1	13	9	25	0	17	8	5	10	5	1	0	0	10	0	0	0	0	0
May	18.2	NW.	64	NW.	12	6	4	0	0	1	11	8	32	0	20	7	4	9	5	0	0	0	10	0	0	0	0	0
June	19.1	NW.	74	NW.	18	7	1	0	0	0	5	3	44	0	16	10	4	3	0	0	0	0	8	0	0	0	0	0
July	15.1	NW.	72	NW.	9	4	4	0	1	1	12	9	30	1	24	5	2	2	1	0	0	0	6	0	0	1	0	0
August	15.8	NW.	62	NW.	17	3	2	1	2	1	14	4	35	0	21	7	3	2	0	0	0	0	8	0	1	4	0	0
September	16.3	NW.	69	NW.	10	5	10	2	0	0	15	3	25	0	24	5	1	1	0	0	0	0	7	0	4	0	0	0
October	16.4	NW.	58	SW.	10	9	13	2	2	2	8	2	24	0	23	5	3	3	1	0	0	0	5	0	0	0	0	0
November	19.3	NW.	66	N.	12	5	7	2	13	5	9	0	19	0	9	3	18	17	13	0	0	0	19	0	0	0	0	0
December	19.9	SE.	70	NW.	12	10	11	7	19	1	4	3	7	0	7	11	13	14	13	1	1	1	17	0	0	2	0	0
Year	18.1	NW.	74	NW.	153	76	87	24	62	20	107	51	302	1	216	73	76	86	59	13	5	4	117	2	9	22	3	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

MODENA, UTAH.

[ϕ=37° 48′ N.; λ=113° 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	24.632	25.055	24.120	15.0	31.9	37.4	10.4	23.9	60	−14	10	19	90	62	0.071	0.101	0.32	0.18	1.9	3.5	2.4
February	24.527	24.926	24.139	19.4	37.9	40.9	14.2	27.6	57	−13	14	21	75	56	.082	.114	1.20	.38	4.8	4.0	4.8
March	24.600	24.857	24.125	25.7	45.6	48.0	22.5	35.2	72	8	18	22	72	42	.097	.117	.15	.10	1.6	4.2	3.5
April	24.583	24.828	24.334	31.8	57.7	60.8	29.8	45.3	72	19	22	17	65	22	.114	.097	.37	.36	1.9	4.8	3.5
May	24.567	24.756	24.321	40.4	67.5	70.2	38.5	54.4	82	28	27	22	60	21	.148	.120	.84	.36	2.5	4.1	4.1
June	24.557	24.711	24.322	47.8	74.2	77.2	46.3	61.8	87	39	33	31	58	23	.191	.183	.44	.13	2.6	4.7	3.9
July	24.676	24.836	24.456	56.8	80.7	84.5	55.1	69.8	95	44	39	35	54	24	.252	.218	.81	.48	2.6	4.9	4.0
August	24.712	24.879	24.512	56.2	77.8	83.6	54.0	68.8	89	41	42	40	62	30	.285	.265	1.07	.38	3.8	6.9	5.0
September	24.673	24.814	24.463	47.6	70.9	74.7	44.7	59.7	86	27	35	32	64	27	.223	.190	.98	.52	2.2	3.5	3.3
October	24.670	24.930	24.251	33.7	57.8	63.3	29.7	46.5	77	18	20	18	56	23	.110	.109	.25	.15	1.7	3.8	3.0
November	24.630	24.966	24.329	32.2	43.8	49.4	29.1	39.2	66	15	28	30	84	61	.156	.171	1.54	.51	3.6	5.9	5.2
December	24.647	24.878	24.364	19.0	29.3	35.9	13.9	24.9	49	2	15	19	85	65	.087	.102	.54	.32	4.7	5.1	4.9
Year	24.623	25.055	24.120	35.5	56.2	60.5	32.4	46.4	95	−14	25	26	68	38	.151	.149	8.51	.52	2.8	4.6	4.0

MONTGOMERY, ALA.

[ϕ=32° 23′ N.; λ=86° 18′ W.]

January	29.931	30.333	29.291	48.5	57.1	64.5	44.9	54.7	77	32	46	48	90	74	0.327	0.362	4.33	1.90	6.0	4.3	6.0
February	29.868	30.158	29.376	44.0	54.0	59.1	41.3	50.2	73	29	38	40	80	62	.247	.264	6.06	2.40	5.8	4.4	5.1
March	29.918	30.408	29.447	51.3	61.0	66.8	47.9	57.4	82	32	46	48	82	64	.338	.369	11.45	3.15	7.0	5.3	5.8
April	29.853	30.163	29.628	56.9	67.9	74.2	53.5	63.8	87	40	49	48	75	51	.353	.342	2.02	1.07	3.0	3.7	3.5
May	29.797	30.032	29.589	66.2	77.0	84.3	62.4	73.4	94	54	60	57	79	52	.514	.473	2.38	.95	4.2	5.1	3.9
June	29.804	30.015	29.642	72.7	82.3	89.6	67.9	78.8	98	52	64	62	75	52	.610	.559	1.71	.94	3.4	5.0	4.0
July	29.831	30.003	29.682	76.6	81.4	91.5	72.6	82.0	101	69	70	69	82	69	.744	.712	2.30	.71	5.0	6.7	5.7
August	29.794	29.980	29.645	75.2	84.9	92.0	72.0	82.0	98	65	69	67	81	56	.709	.658	.63	.20	2.3	4.3	3.2
September	29.818	30.024	29.594	68.5	75.1	81.7	65.5	73.6	96	47	64	63	85	70	.609	.604	7.97	3.11	5.6	6.0	5.8
October	29.821	30.209	29.572	55.0	65.8	74.1	52.1	63.1	88	34	50	51	84	61	.391	.402	2.20	1.02	3.8	2.7	3.5
November	29.968	30.269	29.622	48.8	62.3	70.1	46.0	58.0	80	32	43	44	81	54	.297	.319	.87	.83	3.9	3.5	3.3
December	29.886	30.278	29.373	45.1	52.4	58.0	42.5	50.2	75	28	41	43	86	71	.276	.293	3.17	1.39	7.3	5.6	6.5
Year	29.857	30.408	29.291	59.1	68.4	75.5	55.7	65.6	101	28	53	53	82	61	.451	.446	45.09	3.15	4.8	4.7	4.7

MOORHEAD, MINN.

[ϕ=46° 52′ N.; λ=96° 44′ W.]

January	29.026	29.665	28.423	−1.0	1.9	11.8	−9.9	1.0	36	−37	−4	−2	83	83	0.041	0.044	0.45	0.08	5.1	4.3	4.2
February	29.077	29.520	28.646	3.2	11.9	17.7	−2.7	7.5	36	−26	0	8	85	83	.051	.068	.06	.03	5.4	5.6	5.0
March	29.017	29.381	28.420	12.6	22.9	29.5	8.4	19.0	55	−21	10	18	90	81	.080	.108	.93	.20	6.0	6.3	5.3
April	29.038	29.379	28.429	38.2	53.5	60.3	35.3	47.8	90	22	33	33	82	51	.193	.193	1.23	.32	3.9	3.7	3.8
May	29.016	29.585	28.672	44.8	59.3	63.7	40.6	52.2	95	30	40	41	85	54	.261	.278	1.68	.40	5.6	4.8	4.5
June	28.968	29.502	28.519	60.1	76.0	81.1	54.6	67.8	96	35	54	56	79	52	.431	.476	3.07	.89	3.1	2.1	1.9
July	28.964	29.301	28.427	59.8	73.8	78.8	55.2	67.0	94	46	56	58	88	60	.455	.487	3.26	1.06	4.9	3.3	2.8
August	29.003	29.299	28.649	60.4	75.8	81.9	57.9	69.9	100	50	57	59	89	59	.471	.517	2.70	1.08	3.0	3.5	2.7
September	29.040	29.458	28.593	48.0	62.3	70.9	46.6	58.8	96	24	45	50	90	67	.323	.396	2.27	1.34	2.8	3.8	3.0
October	28.998	29.554	28.487	32.9	42.7	51.5	29.7	40.6	74	8	31	36	92	78	.181	.219	3.19	1.85	5.0	3.9	4.8
November	28.991	29.395	28.395	29.5	35.8	44.0	25.3	34.6	60	7	27	32	90	86	.152	.183	.18	.08	5.4	3.6	4.6
December	29.138	29.485	28.765	16.7	25.3	32.4	12.5	22.4	50	−12	14	20	88	80	.085	.116	.02	.02	2.9	2.3	2.9
Year	29.023	29.665	28.395	33.8	45.1	52.0	29.5	40.7	100	−37	30	34	87	70	.228	.257	19.04	1.85	4.4	3.9	3.8

MOUNT TAMALPAIS, CAL.

[ϕ=37° 56′ N.; λ=122° 35′ W.]

January	27.632	27.957	27.157	40.2	42.5	45.9	36.6	41.2	61	22	33	35	77	77	0.192	0.209	4.57	0.93	2.8	1.6	3.8
February	27.522	27.928	27.090	42.9	46.7	51.2	40.3	45.8	65	30	33	38	70	74	.197	.234	.96	.60	2.2	3.1	3.5
March	27.638	27.871	27.290	43.6	48.8	53.3	40.6	47.0	70	28	30	36	64	65	.174	.214	2.08	.96	2.2	2.7	3.1
April	27.566	27.736	27.327	44.7	50.1	55.1	41.7	48.4	77	34	34	37	71	66	.195	.225	1.38	.64	3.1	2.7	3.5
May	27.541	27.722	27.433	52.8	58.1	62.9	49.1	56.0	78	39	38	42	61	60	.220	.276	1.08	.66	1.6	1.8	2.6
June	27.502	27.687	27.268	53.3	58.7	63.8	49.6	56.7	78	41	43	46	72	65	.284	.311	.04	.02	2.4	2.7	3.0
July	27.550	27.643	27.326	63.0	71.2	75.2	59.1	67.2	96	49	41	42	51	39	.274	.277	.09	.09	1.1	1.3	1.8
August	27.549	27.668	27.345	67.6	71.7	78.2	62.8	70.5	97	48	40	44	46	43	.267	.301	.04	.03	1.8	1.6	2.5
September	27.529	27.644	27.346	63.6	70.5	75.0	60.1	67.6	95	45	41	42	51	43	.270	.285	.01	.01	1.1	0.7	1.5
October	27.590	27.760	27.336	59.7	63.9	68.8	56.7	62.8	82	45	34	35	44	39	.202	.210	.18	1.04	0.3	1.7	2.1
November	27.557	27.764	27.217	46.1	47.7	51.7	43.7	47.7	70	36	41	42	85	83	.265	.273	6.57	2.09	2.9	4.1	6.3
December	27.582	27.775	27.243	42.2	43.8	47.9	38.7	43.3	60	31	36	38	81	83	.215	.234	6.35	1.32	3.1	5.1	6.0
Year	27.563	27.957	27.090	51.6	56.1	60.8	48.2	54.5	97	22	37	40	64	61	.230	.254	23.35	2.09	2.0	2.4	3.3

Annual meteorological summary for the year ending December 31, 1913—Continued.

MOUNT WEATHER, VA.

[ϕ=39° 4′ N.; λ=77° 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	28.239	28.779	27.067	36.9	38.4	48.1	29.6	38.8	63	17	31	30	79	71	0.189	0.178	2.20	0.54	6.0	4.5	6.5
February	28.150	28.579	27.629	26.5	31.4	38.6	22.9	30.8	60	4	20	21	74	64	.118	.128	.74	.36	4.6	2.9	4.9
March	28.242	28.905	27.621	39.8	43.6	52.1	34.1	43.1	71	8	32	33	74	67	.213	.216	4.18	1.52	5.6	3.4	5.9
April	28.188	28.637	27.814	46.0	51.9	58.5	42.3	50.4	80	26	37	39	72	64	.235	.250	4.11	1.74	4.3	4.1	5.1
May	28.206	28.497	27.971	55.7	61.4	68.3	51.2	59.8	83	31	44	46	68	61	.303	.325	4.62	1.86	4.6	5.6	5.5
June	28.248	28.633	28.028	64.2	68.8	75.4	60.0	67.7	89	36	54	56	71	66	.437	.472	1.90	.59	5.2	5.3	4.6
July	28.217	28.401	28.036	68.8	71.7	79.6	63.7	71.6	90	51	60	61	75	69	.539	.543	2.24	.81	3.9	7.3	5.4
August	28.258	28.527	28.014	65.9	69.9	77.4	61.7	69.6	91	53	58	60	79	73	.498	.536	4.03	1.81	3.5	4.5	5.7
September	28.323	28.669	27.938	59.4	63.1	70.1	55.7	62.9	85	41	54	53	82	72	.438	.435	2.80	1.35	4.6	4.9	5.4
October	28.160	28.567	27.549	50.4	53.0	59.4	45.8	52.6	70	28	46	45	85	76	.332	.328	4.52	1.22	4.4	4.4	6.6
November	28.290	28.590	27.326	42.2	44.1	51.1	37.0	44.0	69	20	32	32	70	66	.193	.195	2.25	1.39	4.8	3.7	6.6
December	28.179	28.480	27.531	33.1	36.4	42.0	29.8	35.9	58	17	26	27	76	70	.143	.147	1.73	.75	5.0	4.3	6.0
Year	28.225	28.905	27.067	49.1	52.8	60.0	44.5	52.3	91	4	41	42	75	68	.303	.313	35.32	1.86	4.7	4.6	5.7

NANTUCKET, MASS.

[ϕ=41° 17′ N.; λ=70° 06′ W.]

January	30.099	30.740	28.833	39.5	40.2	46.1	33.8	40.0	55	19	35	34	84	80	0.218	0.211	5.57	1.20	7.1	6.4	6.9
February	29.958	30.439	29.553	28.4	30.1	37.5	23.5	30.5	52	11	21	22	73	70	.123	.131	4.44	2.40	5.3	3.6	5.1
March	30.117	30.906	29.408	39.6	40.7	47.2	34.3	40.8	60	13	35	36	84	83	.224	.226	3.17	.65	4.6	3.5	6.0
April	29.988	30.532	29.545	46.4	44.2	52.3	40.6	46.4	67	29	39	38	78	81	.253	.240	2.19	.63	5.9	4.3	6.0
May	29.968	30.416	29.461	52.9	49.7	59.3	46.2	52.8	74	39	45	44	76	84	.307	.301	1.71	.87	4.8	4.9	5.4
June	29.994	30.383	29.739	62.3	57.5	68.1	53.3	60.7	78	47	56	54	80	89	.449	.425	1.59	.62	3.4	4.5	4.4
July	29.939	30.183	29.567	70.4	66.8	76.9	62.6	69.8	87	58	64	62	80	87	.595	.571	.58	.37	4.0	4.8	3.8
August	30.044	30.388	29.800	68.1	64.7	74.2	61.3	67.8	85	54	62	61	82	89	.570	.549	3.26	1.49	4.0	2.5	4.3
September	30.132	30.508	29.788	61.6	59.7	67.2	55.9	61.6	79	47	55	55	82	85	.456	.448	7.76	3.15	5.7	3.8	5.4
October	29.923	30.509	29.346	56.6	55.7	61.0	52.6	56.8	70	35	54	53	92	91	.433	.416	6.49	1.21	5.5	5.1	8.1
November	30.106	30.677	29.336	46.4	46.3	52.0	41.1	46.6	64	32	40	40	80	79	.264	.260	1.91	.76	5.9	4.2	6.3
December	29.949	30.393	29.254	37.8	39.3	45.1	33.5	39.3	58	22	33	33	82	78	.194	.197	3.21	1.18	5.4	4.1	6.3
Year	30.018	30.906	28.833	50.8	49.6	57.2	44.9	51.1	87	11	45	44	81	83	.340	.331	41.88	3.15	5.1	4.3	5.7

NARRAGANSETT PIER, R. I.

[ϕ=41° 19′ N.; λ=71° 17′ W.]

January						46.1	30.2	38.2	56	14							4.65	1.01			
February						37.2	19.3	28.2	59	5							4.42	1.32			
March						47.0	32.2	39.6	58	6							3.89	.82			
April						52.6	39.2	45.9	69	24							6.66	2.23			
May						61.7	45.5	53.6	80	31							2.75	1.07			
June						71.2	54.3	62.8	86	43							1.27	.60			
July						78.5	60.3	69.4	94	51							2.29	.71			
August						75.4	60.2	67.8	88	47							3.05	.65			
September						68.7	52.5	60.6	79	36							3.08	.92			
October						62.4	49.9	56.2	71	30							7.18	1.49			
November						53.8	37.2	45.5	70	24							2.99	1.25			
December						45.4	29.3	37.4	57	16							4.52	1.55			
Year						58.3	42.5	50.4	94	5							46.75	2.23			

NASHVILLE, TENN.

[ϕ=36° 10′ N.; λ=86° 47′ W.]

January	29.558	30.053	29.039	42.0	47.9	54.4	36.4	45.4	69	26	38	40	84	75	0.246	0.267	12.30	3.51	6.6	6.4	6.6
February	29.559	29.935	28.954	33.6	42.7	48.2	31.0	39.6	70	14	28	30	79	62	.167	.185	4.71	2.55	4.7	4.4	4.8
March	29.563	30.083	28.990	43.7	52.6	58.8	38.9	48.8	78	21	36	37	75	57	.237	.245	4.54	2.96	4.9	4.9	5.1
April	29.510	29.859	29.293	52.2	62.5	68.5	48.7	58.6	85	39	42	42	69	51	.273	.278	1.65	.63	4.5	5.2	4.9
May	29.477	29.690	29.260	63.0	72.3	79.3	58.4	68.8	92	48	53	54	71	57	.419	.440	2.66	.96	4.6	4.7	5.2
June	29.494	29.792	29.321	70.3	81.3	89.1	65.5	77.3	100	50	62	61	76	53	.573	.557	.90	.36	3.2	3.8	3.8
July	29.481	29.638	29.284	75.7	83.8	90.9	72.1	81.5	98	63	68	67	76	59	.679	.668	4.09	2.49	5.4	3.9	5.2
August	29.472	29.609	29.308	72.5	84.1	92.2	69.1	80.6	100	58	65	62	78	51	.627	.576	.85	.67	2.8	3.4	3.5
September	29.505	29.740	29.209	65.0	75.4	81.8	62.7	72.2	99	43	58	58	79	58	.498	.497	1.79	1.06	6.1	3.6	6.0
October	29.479	29.995	29.042	51.8	62.2	69.1	48.4	58.8	88	28	47	46	85	57	.344	.322	2.93	1.22	5.4	3.7	5.0
November	29.617	30.032	29.284	47.2	57.3	63.5	44.1	53.8	74	23	38	41	73	55	.249	.274	1.84	.92	6.1	3.1	5.6
December	29.577	30.015	28.978	37.8	45.3	50.0	35.1	42.6	67	21	35	35	88	68	.209	.211	2.45	.88	6.0	4.5	6.1
Year	29.524	30.083	28.954	54.6	64.0	70.5	50.9	60.7	100	14	48	48	78	59	.377	.377	40.71	3.51	5.0	4.3	5.2

Annual meteorological summary for the year ending December 31, 1913—Continued.

MOUNT WEATHER, VA.

[H=1,725 ft.; h_t=10 ft.; h_r=3 ft.; h_a=75 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.	Wind. Number of winds. 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	18.7	S.	74	NW.	10	2	1	3	12	16	10	4	14	0	8	6	17	15	13	2	2	0	9	3	0	20	0	0
February	19.3	NW.	58	NW.	12	1	0	0	8	10	4	9	24	0	9	11	8	9	5	4	3	0	6	10	0	22	1	0
March	20.8	NW.	73	NW.	13	2	1	1	15	15	8	4	16	0	8	10	13	10	9	2	0	0	9	1	0	14	2	0
April	19.0	NW.	68	NW.	8	3	1	4	8	12	2	3	27	0	11	9	10	11	11	1	0	0	7	0	0	5	3	0
May	14.3	NW.	39	NW.	0	4	5	5	13	2	1	9	23	0	10	11	10	12	9	0	0	0	11	0	0	1	3	0
June	12.8	NW.	43	NW.	1	4	4	4	6	10	2	11	19	0	11	14	5	10	8	0	0	1	2	0	0	0	11	0
July	13.4	NW.	56	W.	3	4	3	1	6	10	6	13	19	0	8	18	5	11	10	0	0	0	0	0	0	0	10	0
August	12.1	SE.	54	NW.	1	5	1	3	19	6	5	9	14	0	8	13	10	7	7	0	0	1	10	0	1	0	6	0
September	12.0	SE.	38	NW.	0	3	0	11	15	5	1	9	16	0	11	7	12	9	6	0	0	1	9	0	0	0	5	0
October	19.2	NW.	56	NW.	11	3	4	5	14	4	2	2	28	0	8	7	16	15	13	1	0	1	14	0	0	4	2	0
November	17.7	NW.	57	NW.	8	0	0	6	11	6	4	14	19	0	8	8	14	8	6	2	0	0	9	1	0	12	0	0
December	21.0	NW.	84	NW.	16	3	1	4	4	5	4	7	34	0	8	10	13	5	4	6	2	0	6	6	0	19	0	0
Year	16.7	NW.	84	NW.	83	34	21	47	131	101	49	94	253	0	108	124	133	122	101	18	7	4	92	21	1	97	43	0

NANTUCKET, MASS.

[H=12 ft.; h_t=14 ft.; h_r=4 ft.; h_a=90 ft.]

January	18.0	SW.	69	SW.	8	4	6	4	5	8	21	9	5	0	7	9	15	18	13	1	0	0	10	2	0	13	0	0
February	16.3	W.	49	W.	2	2	2	0	2	7	8	15	20	0	13	7	8	11	8	9	5	0	4	10	0	25	2	0
March	19.5	SW.	52	S.	6	4	3	1	10	8	18	8	10	0	10	9	12	13	11	2	0	0	14	1	0	12	1	0
April	17.0	NE.	46	N.	5	10	11	0	6	8	9	10	6	0	11	8	11	13	7	3	3	0	4	0	0	2	1	0
May	14.2	SW.	43	SW.	1	8	9	8	4	13	8	5	7	0	11	11	9	7	5	0	0	0	7	0	0	0	2	0
June	14.4	SW.	36	SW.	0	5	5	7	2	10	22	7	2	0	17	8	5	6	5	0	0	0	9	0	0	0	1	0
July	14.2	SW.	37	SE.	0	0	6	3	1	13	26	16	3	0	15	15	1	4	2	0	0	0	8	0	0	0	1	0
August	14.0	SW.	41	NE.	1	4	14	0	4	17	20	2	1	0	16	12	3	8	7	0	0	0	6	0	0	0	5	0
September	13.5	SW.	42	N.	1	5	12	6	10	7	10	8	2	0	12	11	7	10	9	0	0	0	9	0	0	0	3	0
October	16.5	NE.	60	SW.	5	9	15	6	8	7	7	2	8	0	3	7	21	15	12	0	0	0	11	0	0	0	4	0
November	16.9	W.	47	NE.	4	5	5	5	8	3	12	12	10	0	6	11	13	10	8	1	0	0	2	0	0	1	0	0
December	15.1	NW.	55	SW.	6	4	7	4	2	1	8	20	16	0	9	8	14	9	7	1	0	0	1	1	0	14	0	0
Year	15.8	SW.	69	SW.	39	60	95	44	62	102	169	108	90	0	130	116	119	124	95	17	8	0	85	14	0	67	20	0

NARRAGANSETT PIER, R. I.

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

January	.....	SW.	....	.....	....	0	4	0	2	3	11	6	5	0	14	6	11	14	13	2	0	0	2	1	0	18	0	0
February	.....	W.	....	.....	....	0	1	1	3	0	8	11	4	0	21	2	5	9	9	5	1	0	0	10	0	25	2	0
March	.....	SW.	....	.....	....	0	3	1	8	2	9	5	3	0	14	5	12	14	13	5	0	0	9	2	0	13	0	0
April	.....	NE.	....	.....	....	2	7	1	5	5	6	1	3	0	19	4	7	13	11	2	1	1	2	0	0	7	3	0
May	.....	SE.	....	.....	....	1	4	4	8	1	6	2	5	0	20	1	10	10	8	0	0	0	0	0	0	1	1	0
June	.....	SW.	....	.....	....	0	3	3	4	4	15	1	0	0	22	3	5	6	4	0	0	0	4	0	0	0	1	0
July	.....	SW.	....	.....	....	0	1	1	3	6	13	7	0	0	28	2	1	7	6	0	0	1	3	0	1	0	3	0
August	.....	SW.	....	.....	....	0	2	3	6	7	12	1	0	0	22	6	3	10	10	0	0	0	2	0	0	0	6	0
September	.....	SW.	....	.....	....	1	7	2	2	4	8	5	1	0	18	5	7	10	9	0	0	0	4	0	0	0	2	0
October	.....	NE.	....	.....	....	5	8	2	3	4	1	2	6	0	10	4	17	18	13	0	0	0	4	0	0	2	1	0
November	.....	NW.	....	.....	....	1	5	2	1	6	4	5	6	0	14	9	7	9	6	0	0	0	2	0	0	6	0	0
December	.....	W.	....	.....	....	4	3	1	0	2	5	11	5	0	15	6	10	9	8	2	0	2	0	0	0	18	0	0
Year	.....	SW.	....	.....	....	14	48	21	45	44	98	57	38	0	217	53	95	129	110	16	2	4	32	13	1	90	19	0

NASHVILLE, TENN.

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

January	12.4	SE.	46	NW.	2	4	7	3	18	12	4	6	8	0	8	6	17	16	13	3	2	0	0	0	0	14	2	0
February	9.4	NW.	37	SE.	0	5	10	3	9	5	4	10	10	0	13	7	8	6	6	4	0	0	0	4	0	16	2	0
March	13.3	SE.	56	W.	5	1	10	3	17	11	4	3	13	0	13	6	12	12	7	3	0	1	0	0	0	13	6	0
April	11.7	NW.	48	NW.	1	5	6	4	6	9	2	8	20	0	14	2	14	9	7	0	0	0	0	0	0	0	1	0
May	8.4	NE.	40	S.	1	7	12	6	6	8	10	6	7	0	11	13	7	9	8	0	0	1	0	0	1	0	8	0
June	7.3	W.	46	N.	1	6	12	6	8	3	8	14	3	0	13	14	3	6	4	0	0	1	0	0	17	0	12	0
July	7.3	W.	35	SW.	0	1	3	2	4	9	13	21	9	0	11	8	12	6	5	0	0	0	0	0	21	0	7	0
August	6.7	W.	42	NW.	4	7	4	6	6	5	12	14	8	0	17	10	4	5	3	0	0	0	0	0	23	0	7	0
September	8.2	NE.	44	NE.	1	5	12	11	9	9	3	9	2	0	9	9	12	10	7	0	0	0	1	0	8	0	1	0
October	7.9	W.	37	W.	0	2	4	7	9	7	11	14	7	1	15	4	12	9	8	2	0	0	2	0	0	2	0	0
November	8.6	SE.	39	W.	0	5	5	5	15	13	5	8	4	0	10	8	12	5	4	2	0	0	1	0	0	5	2	0
December	7.2	NE.	40	NW.	1	11	12	5	3	5	6	10	9	1	10	3	18	11	7	2	0	0	5	0	0	11	0	0
Year	9.0	W.	56	W.	16	59	97	61	110	96	82	123	100	2	144	90	131	104	79	16	2	3	9	4	70	61	48	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

NEW HAVEN, CONN.

[ϕ=41° 18′ N.; λ=72° 56′ W.]

Month.	Pressure.			Temperature.							Moisture.								Cloudiness.		
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.				
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.999	30.630	28.664	25.9	29.1	46.4	29.9	38.2	58	14	30	30	78	70	0.181	0.179	3.64	0.68	6.1	5.8	6.6
February	29.894	30.360	29.388	23.9	29.5	36.6	20.1	28.4	57	7	14	18	63	60	.091	.114	3.77	1.39	3.2	3.8	3.5
March	30.006	30.806	29.367	39.0	42.1	50.0	32.7	41.4	65	10	31	32	74	70	.200	.211	5.33	1.09	6.0	3.8	6.4
April	29.897	30.448	29.496	46.6	51.1	58.6	42.0	50.3	75	29	39	39	77	65	.256	.254	5.39	1.59	5.5	4.9	5.3
May	29.881	30.285	29.474	56.0	58.4	67.0	48.6	57.8	90	35	41	43	60	59	.277	.280	2.30	1.14	4.5	5.3	5.1
June	29.896	30.331	29.605	65.4	68.1	77.8	57.3	67.6	92	44	52	54	64	62	.411	.425	1.09	.36	4.0	3.0	3.5
July	29.838	30.091	29.517	71.4	73.5	83.5	63.5	73.5	95	54	58	60	64	65	.498	.537	1.69	.48	3.9	4.3	4.5
August	29.933	30.302	29.657	68.7	71.9	80.1	62.2	71.2	94	53	60	62	74	71	.529	.558	3.40	1.28	5.4	4.0	4.4
September	30.033	30.479	29.719	59.3	63.3	71.0	54.1	62.6	86	40	52	54	79	73	.425	.442	2.52	.63	5.3	4.1	5.3
October	29.844	30.390	29.127	55.1	57.4	64.2	51.2	57.7	79	32	48	49	80	76	.364	.379	10.64	3.25	6.9	5.4	6.7
November	30.018	30.537	29.105	41.9	45.9	53.0	37.7	45.4	72	27	33	35	69	67	.199	.220	2.74	.87	6.1	3.5	5.8
December	29.885	30.325	29.139	33.3	37.8	45.0	30.2	37.6	56	17	24	28	69	65	.140	.158	4.28	1.59	4.5	4.5	5.0
Year	29.927	30.806	28.664	49.7	53.2	61.1	44.1	52.6	95	7	40	42	71	67	.298	.314	46.79	3.25	5.1	4.4	5.2

NEW ORLEANS, LA.

[ϕ=29° 58′ N.; λ=90° 04′ W.]

January	30.084	30.436	29.593	55.4	61.1	67.9	51.9	59.9	79	40	53	55	90	80	0.422	0.457	5.71	1.61	4.9	5.1	6.8
February	30.029	30.292	29.562	49.9	57.0	62.7	46.5	54.6	77	34	44	46	82	69	.315	.331	2.19	.72	5.0	5.9	6.1
March	30.066	30.533	29.637	56.6	63.2	69.2	53.4	61.3	84	39	51	54	84	74	.417	.457	4.84	1.01	6.3	6.1	5.4
April	30.034	30.293	29.801	62.4	69.7	75.7	59.3	67.5	86	49	56	55	86	62	.458	.448	4.90	2.21	2.8	1.9	2.1
May	29.970	30.165	29.716	69.8	75.8	83.1	66.5	74.8	89	57	64	64	82	67	.604	.595	7.94	3.78	2.9	4.1	4.3
June	29.965	30.120	29.859	75.7	80.1	86.4	71.3	78.8	97	59	69	68	81	69	.721	.707	5.58	2.99	3.9	6.2	5.7
July	30.007	30.184	29.831	78.9	82.0	89.2	74.1	81.6	96	68	74	73	84	75	.829	.808	5.37	1.27	5.2	5.9	5.7
August	29.952	30.096	29.828	78.4	82.2	89.9	75.8	82.8	94	70	73	72	85	72	.821	.786	5.29	1.91	3.5	6.0	4.9
September	29.926	30.092	29.674	74.0	76.9	84.2	71.7	78.0	93	59	70	70	87	81	.738	.742	11.84	5.04	5.6	6.2	6.7
October	29.993	30.357	29.756	62.7	68.1	75.8	60.2	68.0	88	42	58	59	87	74	.532	.537	5.53	1.08	3.3	3.2	3.4
November	30.108	30.384	29.883	58.9	64.6	72.5	57.0	64.8	81	42	55	57	88	78	.454	.488	2.67	1.39	4.7	3.0	4.6
December	30.059	30.446	29.574	50.5	55.9	61.4	48.7	55.0	74	36	46	48	87	77	.332	.356	1.78	.92	6.8	5.7	6.6
Year	30.016	30.533	29.562	64.4	69.7	76.5	61.4	68.9	97	34	59	60	85	73	.554	.559	63.64	5.04	4.6	5.0	5.2

NEW YORK, N. Y.

[ϕ=40° 43′ N.; λ=74° 0′ W.]

January	29.780	30.380	28.411	38.0	40.9	47.8	32.3	40.0	61	18	31	30	76	66	0.191	0.182	2.77	0.48	6.2	5.5	6.0
February	29.683	30.164	29.112	28.1	32.4	39.3	22.5	30.9	60	10	16	19	64	56	.100	.119	2.18	1.02	3.1	3.1	4.3
March	29.783	30.561	29.188	41.4	45.0	52.5	35.4	44.0	73	12	33	34	72	65	.220	.231	5.17	1.63	6.8	5.2	6.4
April	29.672	30.208	29.252	48.0	52.4	58.4	43.5	51.0	79	32	36	36	64	57	.228	.236	5.32	1.78	5.3	6.0	5.6
May	29.662	30.068	29.285	59.8	61.0	68.4	51.9	60.2	88	36	42	43	62	56	.288	.297	2.51	1.31	5.2	5.6	5.6
June	29.683	30.123	29.474	65.8	69.0	77.9	60.4	69.2	91	47	53	54	66	62	.420	.441	1.43	.77	4.2	3.7	4.5
July	29.692	29.873	29.325	71.7	75.0	83.3	66.6	75.0	95	57	60	60	68	62	.536	.535	3.02	1.06	3.7	3.9	4.6
August	29.709	30.056	29.416	69.8	72.6	79.9	65.5	72.7	92	60	61	62	74	70	.542	.568	1.84	.61	4.0	4.6	5.2
September	29.804	30.231	29.460	61.5	65.0	71.2	57.9	64.6	85	47	54	54	76	69	.435	.442	5.28	3.44	5.5	4.7	6.1
October	29.621	30.129	28.955	56.1	58.2	64.1	52.2	58.2	75	35	49	49	77	74	.366	.380	10.56	5.18	6.6	4.6	6.6
November	29.802	30.243	28.781	43.8	47.7	53.8	40.0	46.9	70	28	36	36	74	65	.227	.225	1.91	.70	6.2	3.5	6.2
December	29.671	30.090	28.857	35.1	39.3	45.6	32.0	38.8	58	19	26	28	70	62	.151	.158	2.40	1.09	5.1	5.4	5.8
Year	29.708	30.561	28.411	51.2	54.9	61.8	46.7	54.3	95	10	41	42	70	64	.309	.318	44.39	5.18	5.2	4.6	5.6

NOME, ALASKA.

[ϕ= ° —′ N.; λ=—° —′ W.]

January	29.92	30.36	29.52	.....	.....	5.0	−7.4	−1.2	32	−31	.....	.....	.....	.....	.....	.....	0.36	0.14	.....	.....	.....
February	29.85	30.62	29.35	.....	.....	21.0	9.2	15.1	38	−23	.....	.....	.....	.....	.....	.....	.48	.28	.....	.....	.....
March	29.84	30.41	29.12	.....	.....	25.1	14.1	19.6	35	− 6	.....	.....	.....	.....	.....	.....	.31	.12	.....	.....	.....
April	29.74	30.30	29.17	.....	.....	27.7	11.9	19.8	39	− 7	.....	.....	.....	.....	.....	.....	.18	.12	.....	.....	.....
May	29.78	30.28	29.37	.....	.....	44.0	31.8	37.9	62	18	.....	.....	.....	.....	.....	.....	.27	.08	.....	.....	.....
June	29.86	30.36	29.55	.....	.....	61.5	44.8	53.1	78	31	.....	.....	.....	.....	.....	.....	.32	.08	.....	.....	.....
July	29.88	30.14	29.46	.....	.....	59.4	45.1	52.2	70	34	.....	.....	.....	.....	.....	.....	1.40	.50	.....	.....	.....
August	29.92	30.31	29.55	.....	.....	54.3	40.9	47.6	62	23	.....	.....	.....	.....	.....	.....	1.93	.50	.....	.....	.....
September	29.76	30.10	29.44	.....	.....	46.8	32.2	39.5	57	23	.....	.....	.....	.....	.....	.....	.64	.20	.....	.....	.....
October	29.70	30.21	28.72	.....	.....	35.2	24.3	29.8	44	12	.....	.....	.....	.....	.....	.....	2.30	.74	.....	.....	.....
November	29.45	30.21	28.56	.....	.....	22.8	11.7	17.2	37	−10	.....	.....	.....	.....	.....	.....	1.85	1.30	.....	.....	.....
December	29.52	30.11	29.03	.....	.....	12.2	−0.4	5.9	36	−28	.....	.....	.....	.....	.....	.....	.01	.24	.....	.....	.....
Year	29.77	30.62	28.56	.....	.....	34.6	21.5	28.0	78	−31	.....	.....	.....	.....	.....	.....	10.65	1.30	.....	.....	.....

Annual meteorological summary for the year ending December 31, 1913—Continued.

NEW HAVEN, CONN.

[H=106 ft.; h_t=117 ft.; h_r=111 ft.; h_a=155 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	8.2	S.	53	SW.	1	6	11	0	2	11	17	3	12	0	6	9	16	17	15	3	1	0	3	2	0	20	1	0
February	9.8	NW.	35	SW.	0	8	2	0	3	8	12	12	11	0	16	7	5	8	7	8	5	1	1	11	0	23	1	0
March	10.9	S.	48	S.	1	9	5	4	8	15	7	7	7	0	9	6	16	14	12	5	3	1	4	1	0	13	4	0
April	9.6	N.	33	N.	0	13	10	3	6	9	3	4	12	0	12	7	11	10	8	2	0	0	0	0	0	3	0	0
May	8.1	NW.	35	NW.	0	12	5	6	7	8	4	4	16	0	14	7	10	8	5	0	0	0	1	0	0	0	0	0
June	8.5	S.	32	W.	0	12	4	4	7	17	6	2	8	0	15	10	5	5	5	0	0	0	1	0	0	1	0	0
July	8.6	S.	35	SW.	0	9	2	1	11	14	7	6	12	0	9	18	4	9	6	0	0	0	0	0	0	5	0	0
August	8.3	S.	36	S.	0	11	6	4	6	21	10	0	4	0	11	15	5	12	9	0	0	1	1	0	1	0	9	0
September	8.0	N.	30	SE.	0	16	9	4	5	10	5	2	9	0	12	8	10	8	8	0	0	0	0	0	0	0	2	0
October	8.8	N.	40	S.	1	18	7	6	5	5	4	2	15	0	5	11	15	14	12	1	0	0	0	0	0	1	2	0
November	8.8	N.	46	SE.	1	11	4	2	3	9	13	7	11	0	8	10	12	7	7	2	1	0	0	0	0	6	0	0
December	9.7	NW.	41	N.	2	12	3	0	1	4	16	6	20	0	12	9	10	8	7	4	1	0	0	1	0	16	0	0
Year	8.9	NW.	53	SW.	6	137	68	34	64	131	104	55	137	0	129	117	119	120	101	25	11	3	11	15	7	82	29	0

NEW ORLEANS, LA.

[H=51 ft.; h_t=90 ft.; h_r=78 ft.; h_a=121 ft.]

January	9.8	SE.	33	NW.	0	8	9	8	11	14	4	1	7	0	5	9	17	11	8	0	0	0	9	0	0	0	3	0
February	9.2	NE.	34	SW.	0	9	18	6	7	1	9	1	3	2	8	6	14	11	7	0	0	0	3	0	0	0	3	0
March	10.3	NE.	39	S.	0	7	14	6	12	11	4	2	6	0	12	10	9	11	8	0	0	1	8	0	0	0	7	0
April	9.8	SE.	34	S.	0	7	7	1	17	5	5	4	14	0	22	7	1	6	5	0	0	0	1	0	0	0	5	0
May	7.3	SE.	32	S.	0	4	6	3	18	7	6	8	10	0	13	12	6	9	7	0	0	1	0	0	0	0	10	0
June	7.4	NE.	33	SE.	0	1	18	2	17	4	7	8	3	0	7	14	9	14	12	0	0	0	0	0	0	7	8	0
July	6.3	S.	42	S.	1	0	3	6	8	12	14	11	7	1	8	12	11	16	15	0	0	0	0	0	14	0	15	0
August	6.3	SE.	33	S.	0	8	11	2	17	8	6	6	2	2	10	17	4	13	8	0	0	0	0	0	19	0	15	0
September	7.4	SE.	31	S.	0	3	14	9	16	9	4	1	4	0	5	9	16	16	15	0	0	0	0	0	2	0	9	0
October	8.1	S.	35	SW.	0	2	9	9	14	11	3	3	10	1	19	7	5	10	6	0	0	0	1	0	0	0	2	0
November	7.0	E.	26	N.	0	3	6	16	22	6	1	0	4	2	14	8	8	5	4	0	0	0	5	0	0	0	0	0
December	7.8	E.	30	NE.	0	13	18	14	5	3	2	0	7	0	7	6	18	7	6	0	0	0	2	0	0	0	2	0
Year	8.1	SE.	42	S.	1	65	133	82	164	91	65	45	77	8	130	117	118	129	101	0	0	2	29	0	42	0	79	0

NEW YORK, N. Y.

[H=314 ft.; h_t=414 ft.; h_r=407 ft.; h_a=454 ft.]

January	18.6	SW.	86	SW.	10	5	2	5	3	7	16	12	12	0	11	4	16	16	13	2	2	0	4	2	0	16	1	0
February	20.0	NW.	63	NW.	10	5	3	1	1	5	9	15	18	0	13	10	5	8	5	8	4	1	1	7	0	22	1	0
March	22.1	SW.	78	SW.	17	5	2	6	13	9	11	4	12	0	7	8	16	15	9	2	1	0	5	1	0	12	1	0
April	19.0	NW.	64	NW.	10	6	12	7	4	8	1	7	15	0	9	11	10	12	9	2	0	0	0	0	0	1	2	0
May	16.2	NW.	54	NW.	3	8	3	12	3	7	4	3	21	1	11	7	13	9	7	0	0	0	0	0	0	0	1	0
June	14.2	SW.	49	NW.	3	11	4	3	6	14	7	7	7	1	13	11	6	4	3	0	0	0	1	0	1	0	2	0
July	14.9	NW.	50	W.	5	9	2	1	6	13	13	2	16	0	15	9	7	7	7	0	0	0	1	0	0	3	6	0
August	13.1	SW.	52	SE.	3	8	6	5	6	17	13	5	2	0	7	17	7	11	7	0	0	0	0	0	0	3	9	0
September	12.8	SW.	54	SE.	2	6	9	10	5	11	6	5	8	0	9	7	14	11	8	0	0	0	2	0	0	0	3	0
October	17.1	N.	63	SW.	11	12	9	10	3	11	3	3	11	0	7	10	14	10	10	0	0	0	1	0	0	0	2	0
November	18.4	SW.	64	SE.	9	3	7	4	5	2	13	15	11	0	8	8	14	6	6	0	0	0	1	0	0	4	0	0
December	18.7	NW.	85	NW.	12	9	4	5	2	1	13	12	16	0	11	9	11	8	5	3	2	0	0	1	0	14	0	0
Year	17.1	NW.	86	SW.	95	87	62	69	57	105	109	90	149	2	121	111	133	117	89	17	9	2	15	11	7	69	28	0

NOME, ALASKA.

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

January	.....	NE.	....	.....	....	10	20	0	0	0	1	0	0	0	16	2	13	4	4	9	4	.....	.....	.....	.....	.....	.....	.....
February	.....	NE.	....	.....	....	7	18	0	2	0	0	1	0	0	11	3	14	4	4	5	4	.....	.....	.....	.....	.....	.....	.....
March	.....	NE.	....	.....	....	9	19	1	0	1	0	1	0	0	14	4	13	3	3	4	3	.....	.....	.....	.....	.....	.....	.....
April	.....	NE.	....	.....	....	6	15	1	1	0	1	1	5	0	22	3	5	2	2	2	2	.....	.....	.....	.....	.....	.....	.....
May	.....	SW.	....	.....	....	2	8	2	2	4	10	2	0	1	9	8	14	5	4	2	0	.....	.....	.....	.....	.....	.....	.....
June	.....	SW.	....	.....	....	1	0	3	4	4	12	6	0	0	16	3	11	6	4	0	0	.....	.....	.....	.....	.....	.....	.....
July	.....	SW.	....	.....	....	2	0	3	0	7	14	5	0	0	9	4	18	9	6	0	0	.....	.....	.....	.....	.....	.....	.....
August	.....	SW.	....	.....	....	2	1	0	3	10	11	2	2	0	6	6	19	12	10	0	0	.....	.....	.....	.....	.....	.....	.....
September	.....	N.	....	.....	....	9	1	1	3	1	7	4	4	0	.....	.....	.....	11	6	0	0	.....	.....	.....	.....	.....	.....	.....
October	.....	N.	....	.....	....	20	0	2	4	3	0	1	1	0	10	1	20	8	8	13	0	.....	.....	.....	.....	.....	.....	.....
November	.....	N.	....	.....	....	16	5	1	3	1	2	0	2	0	9	7	14	7	5	11	6	.....	.....	.....	.....	.....	.....	.....
December	.....	N.	....	.....	....	16	10	2	0	0	0	0	3	0	13	5	13	7	4	7	6	.....	.....	.....	.....	.....	.....	.....
Year	.....	N.	....	.....	....	100	97	16	22	31	58	23	17	1	.....	.....	.....	78	60	53	25	.....	.....	.....	.....	.....	.....	.....

Annual meteorological summary for the year ending December 31, 1913—Continued.

NORFOLK, VA.

[ϕ=36° 51′ N.; λ=76° 17′ 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	30.084	30.625	28.902	48.7	51.1	59.7	42.8	51.2	77	31	42	42	80	73	0.296	0.293	3.39	1.26	5.0	4.9	6.0
February	29.999	30.501	29.470	38.8	43.7	50.6	35.4	43.0	74	20	30	32	71	65	.184	.200	1.97	1.18	5.1	3.9	4.8
March	30.080	30.803	29.453	51.8	55.1	63.2	46.2	54.7	78	26	43	42	71	64	.312	.302	1.99	.62	6.3	3.4	5.4
April	29.956	30.420	29.464	55.0	59.0	66.4	50.7	58.6	82	40	43	46	65	64	.297	.328	.79	.26	2.7	3.9	3.7
May	29.928	30.230	29.593	64.6	67.4	77.0	58.3	67.6	92	44	53	54	68	65	.425	.440	4.31	1.16	3.9	2.9	3.6
June	29.942	30.204	29.730	70.7	72.6	80.9	65.6	73.2	95	53	63	63	76	73	.584	.587	5.70	3.17	4.9	4.3	4.7
July	29.923	30.093	29.675	75.9	77.8	86.5	70.0	78.2	97	61	69	68	78	73	.708	.689	10.24	2.55	4.5	4.6	4.7
August	29.959	30.215	29.770	73.8	75.2	82.5	69.3	75.9	93	63	67	67	80	77	.668	.673	4.14	1.27	3.7	3.6	4.1
September	30.033	30.343	29.671	68.0	69.4	77.2	64.5	70.8	89	54	61	62	78	77	.551	.567	5.23	2.11	5.2	3.0	5.3
October	29.899	30.371	29.267	58.9	61.8	69.3	55.2	62.2	79	40	52	52	86	72	.421	.419	2.63	1.34	4.6	2.9	4.9
November	30.093	30.451	29.052	47.1	53.3	60.6	44.4	52.5	76	30	38	40	73	63	.248	.264	1.30	.60	3.4	2.8	3.5
December	29.990	30.320	29.220	41.3	46.6	52.2	38.8	45.5	68	27	34	35	77	66	.211	.220	1.68	.71	5.0	3.7	5.3
Year	29.990	30.803	28.902	57.9	61.1	68.8	53.4	61.1	97	20	50	50	75	69	.409	.415	43.37	3.17	4.5	3.7	4.7

NORTHFIELD, VT.

[ϕ=44° 10′ N.; λ=72° 41′ W.]

January	29.074	29.719	27.429	24.2	27.8	38.1	15.9	27.0	54	−4	20	22	81	79	0.114	0.131	2.84	0.51	7.5	6.1	7.2
February	28.984	29.435	28.562	12.5	16.4	25.9	6.4	16.2	52	−10	8	11	81	78	.067	.076	.92	.36	7.0	4.8	6.2
March	29.080	29.765	28.328	28.2	33.9	42.8	21.3	32.0	64	−20	23	26	82	75	.149	.158	6.30	1.77	7.4	6.2	7.6
April	29.066	29.585	28.525	39.7	45.2	53.7	31.6	42.6	84	18	31	34	70	67	.189	.211	1.61	.94	5.9	5.5	6.1
May	29.049	29.404	28.661	48.8	52.1	60.7	38.1	49.4	85	21	38	42	67	69	.240	.278	3.01	.89	6.6	6.7	7.0
June	29.055	29.492	28.732	60.1	63.3	73.4	44.7	59.0	87	30	48	51	65	67	.340	.391	1.29	.64	4.8	4.9	5.2
July	28.993	29.280	28.659	65.6	66.8	78.5	52.1	65.3	95	42	56	56	70	70	.451	.461	3.37	1.41	5.5	5.1	5.9
August	29.106	29.539	28.779	61.2	62.5	76.4	48.7	62.6	92	32	53	54	74	76	.407	.431	1.02	.26	4.9	3.6	5.3
September	29.206	29.667	28.799	50.4	53.5	68.6	40.0	54.3	92	22	45	47	81	79	.310	.338	1.84	1.13	4.4	4.1	4.8
October	29.047	29.493	28.138	47.7	49.9	58.4	41.4	49.9	77	20	44	46	89	88	.307	.330	4.97	1.16	8.3	6.7	8.1
November	29.140	29.744	28.256	34.8	37.8	47.6	28.5	38.0	66	15	30	33	82	83	.176	.198	1.77	.72	6.5	6.5	6.7
December	29.023	29.496	28.191	21.8	25.0	34.2	15.0	24.6	49	−16	19	21	89	85	.114	.120	2.41	.85	7.1	6.1	7.1
Year	29.069	29.765	27.429	41.2	44.5	54.9	32.0	43.4	95	−20	35	37	78	76	.239	.260	31.35	1.77	6.3	5.5	6.4

NORTH HEAD, WASH.

[ϕ=46° 16′ N.; λ=124° 4′ W.]

January	29.845	30.408	29.084	39.1	40.4	43.8	36.4	40.1	50	28	36	38	90	91	0.214	0.230	9.27	1.70	7.2	7.3	8.2
February	29.881	30.161	29.552	39.9	43.5	45.6	38.3	42.0	53	34	37	39	90	84	.223	.238	1.96	.82	5.5	5.7	6.0
March	29.891	30.332	29.459	41.3	43.8	46.3	38.7	42.5	63	29	39	39	91	84	.238	.241	3.35	.82	7.0	6.9	7.2
April	29.829	30.236	29.378	45.0	48.5	51.3	43.5	47.4	64	38	42	43	90	82	.271	.279	2.33	.56	7.5	6.4	6.1
May	29.871	30.152	29.587	49.4	51.8	53.6	48.5	51.0	60	40	47	47	91	86	.321	.327	2.85	1.09	8.4	6.2	6.5
June	29.783	30.013	29.543	53.6	57.1	58.6	52.4	55.5	64	48	51	52	92	83	.376	.388	5.14	.80	7.4	6.0	6.2
July	29.879	30.165	29.584	56.2	60.0	62.2	54.8	58.5	80	51	53	53	90	79	.403	.407	1.03	.43	6.5	4.6	5.3
August	29.877	30.121	29.676	58.0	59.8	63.3	55.4	59.4	76	51	55	55	90	84	.430	.429	.97	.51	7.5	5.1	5.9
September	29.831	30.124	29.347	55.2	58.8	61.7	53.2	57.4	84	50	50	52	86	80	.369	.390	2.40	.73	4.0	3.6	3.4
October	29.917	30.335	29.430	50.1	53.6	55.7	48.4	52.0	68	43	47	48	92	82	.328	.333	4.25	1.31	5.6	6.1	6.7
November	29.686	30.205	29.196	46.4	48.8	51.3	43.8	47.6	62	36	44	45	91	88	.290	.302	3.09	1.06	6.4	7.7	7.8
December	29.776	30.234	29.127	44.0	45.4	48.5	41.7	45.1	56	36	42	42	91	87	.263	.264	6.25	1.12	6.2	7.5	7.7
Year	29.839	30.408	29.084	48.2	51.0	53.5	46.3	49.9	84	28	45	46	90	84	.310	.319	47.89	1.70	6.6	6.1	6.4

NORTH PLATTE, NEBR.

[ϕ=41° 8′ N.; λ=100° 45′ W.]

January	27.058	27.462	26.568	14.2	27.4	36.7	10.7	23.7	65	−14	10	14	80	59	0.072	0.087	0.16	0.16	3.3	3.4	4.2
February	27.104	27.448	26.757	10.8	26.2	33.8	7.4	20.6	68	−18	7	14	84	60	.063	.080	.94	.35	4.8	4.5	4.5
March	27.040	27.318	26.514	22.7	38.8	46.3	19.3	32.8	75	−10	18	24	83	58	.105	.135	1.68	1.18	4.4	5.6	4.6
April	27.060	27.382	26.614	38.5	58.9	65.2	36.8	51.0	99	22	33	35	82	46	.193	.205	2.07	.85	3.6	5.7	4.1
May	27.052	27.447	26.755	49.7	67.1	73.0	47.0	60.0	96	31	45	46	84	51	.309	.331	3.50	2.11	6.5	5.5	4.7
June	27.070	27.380	26.671	62.2	77.8	82.3	58.9	70.6	99	43	55	56	77	48	.425	.453	2.13	1.06	3.6	4.8	3.4
July	27.104	27.390	26.748	63.7	83.6	88.3	60.4	74.4	100	47	56	57	78	42	.462	.483	3.37	1.15	2.4	3.4	2.2
August	27.112	27.461	26.795	63.2	86.3	93.0	61.6	77.3	103	49	55	56	76	38	.442	.453	.98	.61	3.6	2.8	2.5
September	27.143	27.451	26.709	50.6	68.7	76.6	48.9	62.8	97	27	44	45	81	45	.318	.318	.90	.64	3.4	3.8	3.6
October	27.118	27.529	26.565	35.1	51.4	61.8	32.0	46.9	89	4	30	31	80	46	.173	.188	.14	.06	4.8	3.7	4.8
November	27.112	27.470	26.579	30.8	46.4	57.3	28.0	42.6	75	14	26	29	82	52	.143	.163	.14	.11	4.4	4.8	5.1
December	27.187	27.517	26.847	21.1	29.4	38.9	18.4	28.6	51	5	18	25	88	82	.110	.139	3.09	1.49	3.7	3.6	5.0
Year	27.097	27.529	26.514	38.6	55.2	62.8	35.8	49.3	103	−18	33	36	81	52	.235	.253	19.10	2.11	4.0	4.3	4.1

Annual meteorological summary for the year ending December 31, 1913—Continued.

NORFOLK, VA.

[H=91 ft.; h_t=170 ft.; h_r=163 ft.; h_s=205 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	14.8	SW.	64	SW.	5	10	8	4	7	9	18	4	2	0	10	8	13	10	8	1	0	0	3	0	0	1	1	0
February	13.2	W.	55	SW.	2	9	9	4	8	6	8	10	2	0	11	8	9	7	6	3	1	0	0	1	0	13	0	0
March	16.5	SW.	58	SW.	8	6	4	9	5	13	17	5	3	0	12	7	12	11	9	0	0	0	0	0	0	3	2	0
April	14.0	S.	42	W.	1	10	5	7	5	13	9	6	5	0	17	5	8	7	5	0	0	0	1	0	0	0	0	0
May	12.3	SW.	62	N.	4	14	6	7	6	12	11	4	2	0	15	13	3	8	8	0	0	1	1	0	1	0	6	0
June	11.2	NE.	37	N.	0	2	14	8	9	6	11	5	5	0	14	7	9	12	9	0	0	0	0	0	7	0	9	0
July	10.0	SW.	60	N.	2	6	2	5	12	6	19	7	5	0	13	11	7	12	11	0	0	0	1	0	9	0	14	0
August	10.3	SW.	44	NW.	1	4	7	12	9	10	13	5	2	0	15	12	4	9	6	0	0	0	0	0	3	0	6	0
September	11.7	NE.	50	E.	1	4	18	3	7	12	4	11	1	0	11	11	8	11	7	0	0	0	0	0	0	0	4	0
October	14.1	N.	60	SW.	2	13	9	9	2	9	7	7	6	0	13	8	10	12	7	0	0	0	2	0	0	0	1	0
November	11.7	SW.	42	SW.	2	11	10	4	2	3	18	7	5	0	19	3	8	6	5	0	0	0	3	0	0	2	0	0
December	12.6	N.	58	NW.	3	10	14	3	1	3	14	11	6	0	13	3	15	8	5	0	0	0	2	0	0	5	1	0
Year	12.7	SW.	64	SW.	31	99	106	75	73	102	149	82	44	0	163	96	106	113	86	4	1	1	13	1	20	24	44	0

NORTHFIELD, VT.

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

January	9.4	S.	42	S.	2	12	2	0	0	32	9	3	4	0	6	6	19	16	14	16	11	0	3	9	0	29	0	0
February	9.0	N.	32	SW.	0	22	5	0	0	11	10	2	5	1	6	9	13	9	5	16	8	0	0	19	0	28	0	0
March	9.8	S.	47	SW.	2	11	4	0	5	19	16	2	5	0	4	7	20	17	15	12	7	1	2	7	0	23	2	0
April	8.8	S.	31	NE.	0	19	5	0	1	17	8	1	8	1	7	10	13	11	6	7	2	0	1	0	0	19	0	1
May	7.8	S.	26	N.	0	16	6	0	0	19	11	3	6	1	5	8	18	12	9	1	0	0	0	0	0	8	2	1
June	7.7	S.	35	N.	0	20	5	1	1	18	13	1	1	0	8	16	6	10	8	0	0	0	1	0	0	1	2	0
July	6.9	S.	29	SW.	0	11	3	0	2	22	17	2	5	0	5	17	9	13	10	0	0	0	3	0	2	0	10	0
August	6.8	S.	26	S.	0	9	7	0	0	32	10	2	2	0	9	14	8	9	6	0	0	0	2	0	2	0	4	0
September	6.7	S.	31	SW.	0	14	7	1	0	27	6	2	3	0	13	7	10	9	7	0	0	0	1	0	1	8	2	0
October	7.7	N.	42	SW.	1	24	3	0	0	23	10	0	2	0	2	8	21	14	13	4	2	0	3	1	0	5	1	0
November	8.5	S.	44	S.	1	11	0	0	1	29	11	2	4	2	5	8	17	11	8	7	5	0	1	2	0	24	0	0
December	7.2	N.	30	NW.	0	13	5	0	2	21	12	2	7	0	6	7	18	12	6	13	9	0	0	11	0	29	0	0
Year	8.0	S.	47	SW.	6	182	52	2	12	270	133	22	52	5	76	117	172	143	107	76	44	1	17	49	5	174	23	2

NORTH HEAD, WASH.

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

January	17.9	E.	76	S.	16	2	2	15	12	8	4	7	12	0	4	4	23	22	19	3	3	1	5	0	0	3	0	0
February	13.1	E.	48	SE.	4	6	4	15	10	4	3	1	13	0	11	3	14	14	12	0	0	1	4	0	0	0	0	0
March	17.3	NW.	60	SE.	14	2	1	10	18	2	3	6	20	0	6	5	20	20	13	2	0	1	5	0	0	2	0	0
April	14.9	SE.	64	SE.	8	2	1	8	13	15	5	5	11	0	6	12	12	16	12	0	0	0	1	0	0	0	0	0
May	15.3	NW.	56	SE.	4	3	2	5	6	9	5	4	28	0	5	12	14	12	7	0	0	0	2	0	0	0	0	0
June	14.7	NW.	45	SE.	2	6	0	2	10	9	5	7	21	0	7	10	13	17	15	0	0	0	0	0	0	0	0	0
July	13.5	NW.	54	S.	1	9	1	4	4	5	3	7	29	0	10	14	7	8	8	0	0	0	1	0	0	0	0	0
August	12.4	NW.	42	SE.	1	8	1	2	7	8	4	3	29	0	6	14	11	10	7	0	0	0	2	0	0	0	0	0
September	14.8	NW.	68	SE.	6	10	2	4	16	4	4	2	18	0	18	8	4	10	9	0	0	0	7	0	0	0	0	0
October	14.2	NW.	66	SE.	11	7	1	10	10	6	1	3	24	0	6	10	15	16	15	0	0	0	4	0	0	0	1	0
November	22.5	SE.	84	S.	20	3	3	14	19	7	2	4	9	0	6	2	22	23	22	0	0	1	0	0	0	0	0	0
December	18.2	E.	68	SE.	7	3	0	44	9	4	1	0	1	0	4	4	23	20	18	0	0	0	0	0	0	0	0	0
Year	15.7	NW.	84	S.	94	61	17	133	134	81	40	49	215	0	89	98	178	188	157	5	3	4	31	0	0	5	1	0

NORTH PLATTE, NEBR.

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

January	7.9	W.	34	NW.	0	11	5	1	10	6	7	15	7	0	12	16	3	2	1	4	2	0	0	13	0	31	0	0
February	7.3	W.	30	NW.	0	11	7	3	3	4	3	18	7	0	11	10	7	7	6	10	7	0	0	14	0	28	0	0
March	9.6	W.	54	NW.	2	13	8	1	5	5	8	16	5	1	14	8	9	7	3	8	5	0	0	8	0	29	0	0
April	10.5	N.	36	SW.	0	12	4	7	8	10	3	9	7	0	12	13	5	9	6	5	4	0	0	1	0	12	4	0
May	8.5	NE.	40	N.	1	11	12	6	12	4	5	9	3	0	13	10	8	11	6	0	0	1	0	0	3	1	8	0
June	8.1	S.	27	S.	0	4	5	7	21	15	3	2	3	0	15	11	4	8	6	0	0	0	0	0	6	0	9	0
July	6.8	SE.	37	NW.	0	3	9	7	17	9	6	6	5	0	26	2	3	9	9	0	0	0	1	0	13	0	11	0
August	6.0	SE.	29	NE.	0	8	11	11	13	8	3	4	4	0	23	6	2	6	4	0	0	0	0	0	21	0	6	0
September	6.8	S.	28	N.	0	9	5	6	9	13	4	7	6	1	17	8	5	8	3	0	0	0	1	0	7	2	3	0
October	7.3	W.	40	N.	1	12	7	5	4	9	3	12	10	0	11	14	6	4	2	1	0	0	2	0	0	13	1	0
November	6.0	W.	34	N.	0	4	4	8	6	7	9	15	6	1	12	7	11	4	1	1	0	0	0	6	0	22	1	0
December	6.5	W.	35	N.	0	8	4	8	3	3	3	25	8	0	14	7	10	8	6	4	3	0	0	8	0	26	0	0
Year	7.6	W.	54	NW.	4	106	81	70	111	93	57	138	71	3	180	112	73	83	53	33	21	1	4	44	50	164	43	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

OKLAHOMA, OKLA.

[ϕ=35° 26′ N.; λ=97° 33′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.				Extremes.			Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.	
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	28.785	29.232	28.185	30.4	39.1	47.8	26.3	37.0	71	2	24	26	77	62	0.142	0.153	0.56	0.34	4.2	3.9	4.8
February	28.793	29.160	28.268	28.0	34.3	40.8	23.9	32.4	72	12	24	25	84	73	.136	.138	2.72	1.38	6.2	6.0	6.2
March	28.768	29.160	28.087	35.1	49.6	55.8	32.7	44.2	77	4	30	32	82	54	.186	.195	3.11	.88	4.6	3.5	4.5
April	28.721	29.104	28.278	51.2	67.1	73.0	48.1	60.6	89	34	41	39	70	39	.276	.251	1.88	1.20	3.7	3.5	3.5
May	28.678	29.011	28.403	60.9	74.5	80.4	58.3	69.4	95	47	55	55	80	53	.434	.444	3.88	2.20	4.4	3.8	3.9
June	28.720	28.983	28.425	68.4	79.3	85.2	65.9	75.6	99	53	62	61	79	57	.555	.546	3.82	1.54	6.3	5.4	5.5
July	28.712	28.914	28.392	73.1	85.1	92.6	70.8	81.7	103	60	65	64	77	48	.624	.616	5.06	5.06	4.5	3.8	4.0
August	28.714	28.935	28.491	74.0	91.2	97.9	71.7	84.8	103	63	59	55	61	31	.520	.442	.57	.50	2.0	1.6	2.1
September	28.728	28.902	28.431	62.3	71.8	79.2	61.0	70.1	101	45	56	56	83	64	.476	.473	4.80	2.04	5.5	6.0	5.7
October	28.762	29.221	28.437	50.2	58.4	67.6	47.3	57.4	84	22	46	46	87	65	.357	.351	2.52	1.20	4.7	3.5	5.2
November	28.791	29.172	28.366	51.1	57.0	62.9	48.7	55.8	76	32	47	49	87	75	.348	.362	3.71	1.78	6.7	5.2	6.7
December	28.836	29.215	28.362	35.1	40.4	45.4	33.3	39.4	59	17	33	35	91	82	.200	.218	3.38	1.15	5.7	6.2	6.8
Year	28.751	29.232	28.087	51.6	62.6	69.0	49.0	59.0	103	2	45	45	80	59	.354	.349	36.01	5.06	4.9	4.4	4.9

OMAHA, NEBR.

[ϕ=41° 16′ N.; λ=95° 56′ W.]

January	28.855	29.341	28.385	18.6	25.5	32.6	14.9	23.8	59	− 6	13	15	77	64	0.085	0.099	0.69	0.32	4.9	3.8	4.5
February	28.902	29.352	28.441	17.3	28.0	32.6	14.7	23.6	66	− 6	11	15	76	58	.077	.090	.64	.54	4.6	3.9	4.5
March	28.804	29.281	27.894	28.8	38.9	45.0	25.1	35.0	68	− 4	23	26	77	63	.131	.154	3.03	1.67	5.8	6.2	6.2
April	28.813	29.137	28.303	46.3	57.5	63.6	43.3	53.4	86	32	36	37	68	52	.212	.224	3.00	1.12	4.5	4.6	4.6
May	28.789	29.214	28.358	55.7	67.0	72.0	53.8	62.9	99	42	49	52	79	62	.350	.409	5.27	1.96	7.9	6.0	7.0
June	28.811	29.271	28.389	67.2	80.2	84.3	64.4	74.4	96	46	57	58	70	49	.479	.515	2.28	1.08	5.1	3.3	4.2
July	28.785	29.054	28.414	71.1	85.6	90.8	68.8	79.8	104	61	61	61	70	45	.548	.552	1.92	.67	4.4	3.1	3.3
August	28.796	29.103	28.427	72.5	88.9	94.8	70.0	82.4	105	58	58	58	63	37	.507	.505	.18	.12	4.3	3.4	3.8
September	28.859	29.143	28.500	59.7	71.0	76.7	58.3	67.5	100	36	50	50	73	53	.385	.394	3.62	1.94	4.4	4.7	5.1
October	28.842	29.444	28.407	43.0	53.7	61.2	40.6	50.9	84	17	37	38	80	56	.251	.258	1.06	.56	3.6	4.6	4.8
November	28.872	29.257	28.378	41.4	49.3	54.3	38.4	46.4	72	22	36	36	82	62	.226	.226	1.15	.55	5.7	5.8	6.7
December	28.974	29.302	28.597	29.5	35.8	40.9	27.5	34.2	55	8	26	29	85	75	.151	.168	2.19	1.11	4.6	3.9	5.0
Year	28.842	29.444	27.894	46.0	56.8	62.4	43.3	52.9	105	− 6	38	40	75	56	.284	.300	25.03	1.96	5.0	4.4	5.0

OSWEGO, N. Y.

[ϕ=43° 29′ N.; λ=76° 35′ W.]

January	29.654	30.320	27.905	31.2	33.1	39.0	25.1	32.0	56	5	26	28	82	82	0.148	0.161	4.45	1.45	8.8	7.5	8.7
February	29.623	30.147	29.211	18.7	21.1	26.9	13.1	20.0	58	− 6	15	15	83	77	.087	.090	2.22	.46	9.6	7.2	8.8
March	29.658	30.362	28.987	33.5	35.5	44.4	26.6	35.5	70	2	29	29	83	78	.173	.172	4.47	1.07	8.4	5.4	7.6
April	29.656	30.115	29.305	41.7	47.1	52.5	38.2	45.4	85	27	34	37	76	70	.211	.233	2.23	.69	5.4	4.7	4.5
May	29.645	29.973	29.378	50.6	53.0	59.5	44.3	51.9	82	33	42	42	73	67	.275	.272	3.37	1.58	5.9	5.3	4.8
June	29.651	30.138	29.301	59.8	64.0	70.5	53.6	62.0	89	44	51	52	73	67	.388	.411	1.91	.69	4.0	4.0	3.6
July	29.573	29.838	29.257	66.5	69.3	76.8	60.8	68.8	95	51	58	58	76	67	.500	.485	2.33	1.02	5.6	4.5	4.1
August	29.648	30.041	29.317	65.5	69.1	74.9	59.9	67.4	90	50	56	56	72	64	.480	.458	1.12	.48	6.0	3.7	4.5
September	29.754	30.201	29.389	56.5	60.8	67.6	51.5	59.6	87	35	49	48	76	65	.359	.353	3.19	2.13	5.2	4.4	4.6
October	29.606	30.010	28.694	51.5	53.9	59.4	48.3	53.8	76	32	46	46	80	75	.322	.323	4.98	1.45	6.9	6.8	6.5
November	29.705	30.117	28.518	41.1	43.9	50.6	37.6	44.1	69	27	35	35	78	71	.209	.212	2.49	1.09	8.8	6.4	7.6
December	29.651	30.040	28.974	32.0	33.8	38.7	27.0	32.8	55	9	28	28	84	80	.156	.159	1.88	.60	7.5	6.5	8.1
Year	29.652	30.362	27.905	45.7	48.7	55.1	40.5	47.8	95	− 6	39	40	78	72	.274	.277	34.64	2.13	6.8	5.5	6.1

PALESTINE, TEX.

[ϕ=31° 45′ N.; λ=95° 40′ W.]

January	29.590	30.003	29.116	43.3	50.6	57.0	39.5	48.2	71	15	40	42	88	76	0.272	0.299	3.45	1.24	5.5	5.7	4.8
February	29.555	29.882	28.925	41.4	51.0	57.3	39.0	48.2	76	29	37	40	83	68	.235	.258	3.57	1.53	5.4	5.6	4.5
March	29.573	30.023	28.995	47.5	59.5	64.8	44.9	54.8	85	28	41	43	79	57	.292	.314	2.69	1.23	5.9	4.9	4.2
April	29.535	29.896	29.213	56.6	69.7	75.0	53.8	64.4	86	40	48	48	74	50	.364	.363	3.30	1.42	2.6	2.9	2.4
May	29.472	29.653	29.288	64.8	77.1	82.2	62.0	72.1	89	54	61	61	89	59	.551	.540	2.83	1.14	5.2	2.9	2.6
June	29.486	29.672	29.313	70.0	80.9	86.9	67.8	77.4	93	56	67	69	91	69	.673	.711	1.51	.80	5.9	5.8	3.5
July	29.497	29.678	29.271	74.8	88.4	94.1	73.3	83.7	99	67	69	68	84	53	.725	.696	.71	.68	2.5	4.1	2.0
August	29.471	29.627	29.297	74.1	88.6	94.5	72.6	83.6	100	67	68	64	82	46	.692	.610	.23	.18	2.9	4.3	2.8
September	29.445	29.624	29.195	66.4	73.8	81.3	65.2	73.2	101	50	62	64	87	76	.568	.617	6.64	3.17	6.6	6.3	6.1
October	29.520	29.947	29.278	56.1	64.5	72.1	54.2	63.2	89	32	53	55	89	72	.445	.470	4.09	2.25	4.1	4.5	4.5
November	29.586	29.941	29.295	57.4	65.8	72.4	56.3	64.4	81	41	54	54	88	67	.435	.440	1.23	.69	6.5	4.0	5.5
December	29.594	29.990	29.255	43.3	49.0	53.9	41.8	47.8	71	28	40	41	89	75	.263	.272	10.88	5.37	5.5	4.9	6.7
Year	29.527	30.023	28.925	58.0	68.2	74.3	55.9	65.1	101	15	53	54	85	64	.460	.466	41.13	5.37	4.9	4.7	4.1

Annual meteorological summary for the year ending December 31, 1913—Continued.

OKLAHOMA, OKLA.

[H=1,214 ft.; h_t=10 ft.; h_r=3 ft.; h_s=47 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.	Thunderstorm.	Aurora.
	Miles		*Mi.*																								
January	17.7	S.	48	N.	3	16	1	1	3	25	3	2	11	0	14	7	10	5	4	3	2	0	0	5	0	21	0	0
February	14.1	NW.	37	S.	0	19	5	1	2	14	4	1	10	0	8	6	14	10	8	10	6	0	1	9	0	22	2	0
March	18.8	S.	52	S.	8	10	7	5	3	26	0	1	10	0	14	10	7	9	7	2	2	1	2	0	0	13	4	0
April	16.6	S.	48	NW.	4	3	2	4	8	24	4	3	12	0	17	6	7	3	3	0	0	0	0	0	0	0	2	0
May	16.2	S.	46	S.	2	3	7	6	8	32	1	1	4	0	16	10	5	8	7	0	0	2	0	0	3	0	7	0
June	13.2	S.	37	S.	0	5	4	4	8	36	1	0	2	0	11	6	13	8	7	0	0	0	1	0	19	0	9	0
July	12.4	S.	33	S.	0	6	6	3	11	31	3	1	1	0	15	9	7	1	1	0	0	0	1	0	22	0	4	0
August	11.7	S.	32	SE.	0	5	6	3	13	35	0	0	0	0	26	5	0	2	2	0	0	0	0	0	30	0	3	0
September	12.5	S.	44	S.	1	12	7	4	11	14	3	1	8	0	9	10	11	13	12	0	0	0	1	0	7	0	7	0
October	13.8	S.	50	N.	3	9	3	4	9	23	1	0	13	0	9	14	8	7	6	2	2	1	1	0	0	5	2	0
November	14.6	S.	46	S.	2	10	2	3	8	29	2	2	4	0	6	7	17	14	10	0	0	0	2	0	0	1	1	0
December	10.3	S.	46	N.	2	11	5	5	12	11	6	1	11	0	8	5	18	12	10	3	2	0	3	2	0	18	2	0
Year	14.3	S.	52	S.	25	109	55	43	96	300	28	13	86	0	153	95	117	92	77	20	14	4	12	16	72	80	43	0

OMAHA, NEBR.

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

January	11.5	S.	40	N.	1	15	1	0	5	17	6	4	13	1	15	8	8	6	6	8	6	0	1	12	0	28	0	0
February	9.8	N.	30	N.	0	10	3	2	1	11	6	6	17	0	15	7	6	6	2	8	6	0	0	18	0	25	0	0
March	12.1	N.	40	N.	1	15	0	1	2	17	10	5	12	0	5	14	12	7	6	10	3	1	0	7	0	18	3	0
April	10.4	S.	31	N.	0	11	6	8	11	13	0	1	7	3	14	7	9	9	7	2	2	0	0	0	0	1	2	0
May	8.3	S.	33	NW.	0	10	12	7	5	14	6	1	7	0	4	10	17	12	12	0	0	1	0	0	2	0	11	0
June	8.2	S.	42	N.	1	5	6	5	7	32	3	0	2	0	15	9	6	12	5	0	0	1	0	0	10	0	9	0
July	7.8	S.	31	NW.	0	16	4	2	14	18	1	3	4	0	20	9	2	8	8	0	0	0	0	0	16	0	9	0
August	6.3	S.	28	NW.	0	7	7	5	11	21	4	2	4	1	13	15	3	5	1	0	0	0	0	0	24	0	4	0
September	7.5	S.	34	N.	0	9	6	3	11	20	2	1	7	1	12	8	10	11	10	0	0	0	0	0	7	0	5	0
October	8.6	S.	36	N.	0	10	4	0	8	12	5	3	19	1	11	8	12	7	5	2	1	0	0	1	0	9	3	0
November	8.0	S.	42	N.	1	13	5	0	7	19	7	1	8	0	4	14	12	8	6	0	0	0	5	0	0	7	1	0
December	6.7	S.	43	NW.	1	8	11	3	2	19	6	3	9	1	14	6	11	9	6	4	3	0	4	9	0	20	0	0
Year	8.8	S.	43	NW.	5	129	65	36	84	213	56	30	109	8	142	115	108	100	74	34	21	3	10	47	59	108	47	0

OSWEGO, N. Y.

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

January	13.0	S.	44	NW.	1	2	2	3	7	24	5	4	15	0	2	3	26	16	14	14	8	0	6	9	0	27	1	0
February	14.2	NW.	39	NW.	0	3	7	1	7	19	10	6	12	0	1	3	24	17	13	24	16	0	0	20	0	27	0	0
March	14.7	S.	43	SW.	3	4	5	1	6	24	7	6	9	0	4	4	23	19	16	12	9	0	0	9	0	21	3	0
April	11.8	W.	36	W.	0	6	12	1	5	9	4	12	10	1	15	3	12	11	9	4	0	0	2	0	0	5	2	0
May	9.0	W.	25	W.	0	8	2	2	12	6	7	18	7	0	12	9	10	10	8	0	0	0	4	0	0	0	2	0
June	7.6	SW.	26	NE.	0	4	6	2	4	12	13	13	6	0	15	9	6	9	7	0	0	0	1	0	0	0	3	0
July	8.5	NW.	28	W.	0	4	1	0	7	12	12	11	14	1	15	10	6	11	7	0	0	0	0	0	2	0	7	0
August	8.9	SW.	31	NE.	0	4	10	4	5	14	16	4	4	1	13	9	9	8	7	0	0	0	0	0	0	0	3	0
September	9.0	NE.	32	NE.	0	2	14	4	12	12	5	4	7	0	12	8	10	9	7	0	0	0	1	0	0	0	1	0
October	11.0	S.	33	SW.	0	7	9	3	10	17	3	2	11	0	9	5	17	15	12	4	3	0	0	0	0	1	2	0
November	12.7	S.	39	SW.	0	1	3	3	7	22	9	3	12	0	2	11	17	14	12	6	3	1	0	0	0	7	0	0
December	12.4	S.	43	NE.	1	3	6	1	7	16	9	8	12	0	2	7	22	11	7	13	8	0	0	6	0	20	0	0
Year	11.1	S.	44	NW.	5	48	77	25	89	178	100	91	119	3	102	81	182	150	119	77	47	1	14	44	2	108	24	0

PALESTINE, TEX.

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

January	8.5	S.	28	NW.	0	10	8	3	6	14	9	0	12	0	12	8	11	8	6	1	0	0	5	2	0	6	0	....
February	7.9	NE.	30	NW.	0	8	16	2	7	7	6	2	8	0	13	9	6	8	8	1	0	0	1	0	0	6	3	....
March	9.7	S.	32	W.	0	7	12	4	9	16	3	3	8	0	16	10	5	8	6	0	0	0	0	0	0	6	4	....
April	8.5	S.	29	S.	0	7	1	2	11	21	5	0	13	0	21	6	3	6	4	0	0	0	0	0	0	0	3	....
May	7.6	S.	27	S.	0	4	9	5	11	29	3	0	1	0	22	7	2	6	5	0	0	1	0	0	0	0	3	....
June	7.0	S.	23	SE.	0	0	10	11	10	25	4	0	0	0	17	11	2	7	4	0	0	0	0	0	11	0	8	....
July	7.2	S.	32	N.	0	3	4	4	6	34	10	0	1	0	24	7	0	2	1	0	0	0	0	0	28	0	3	....
August	5.8	S.	24	S.	0	1	8	5	17	20	8	0	2	1	19	12	0	4	1	0	0	0	0	0	30	0	3	....
September	6.5	E.	28	SE.	0	9	10	13	9	6	4	2	7	0	9	8	13	16	12	0	0	0	1	0	6	0	9	....
October	7.0	S.	24	N.	0	5	11	5	10	12	7	1	11	0	18	3	10	9	7	0	0	0	0	0	0	1	3	....
November	7.5	S.	24	SW.	0	2	9	6	11	22	6	0	4	0	10	7	13	7	5	0	0	0	0	0	0	0	2	....
December	5.9	NW.	24	W.	0	13	8	7	10	1	7	2	14	0	6	10	15	10	10	0	0	0	1	0	0	5	1	....
Year	7.4	S.	32	N.	0	69	106	67	117	207	72	10	81	1	187	98	80	91	69	2	0	1	8	2	75	24	42	....

Annual meteorological summary for the year ending December 31, 1913—Continued.

PARKERSBURG, W. VA.

[ϕ=39° 16′ N.; λ=81° 36′ W.]

Month.	Pressure.			Temperature.							Moisture.									
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.448	30.018	28.450	38.6	42.2	51.6	32.7	42.2	68	23	34	36	83	79	0.202	0.223	8.22	2.97	7.1	6.6	7.5
February	29.448	29.927	28.799	26.8	34.6	41.0	23.5	32.2	69	7	23	27	84	74	.133	.157	1.76	.62	5.5	5.4	5.9
March	29.457	30.050	28.869	40.7	47.8	56.2	35.8	46.0	77	9	32	36	74	68	.200	.236	4.13	1.93	6.4	4.9	5.7
April	29.427	29.930	29.095	47.5	56.1	63.2	42.9	53.0	86	29	38	42	71	63	.243	.286	1.81	.53	5.2	4.7	5.0
May	29.405	29.728	29.095	57.0	66.3	74.6	52.3	63.4	90	33	49	52	76	64	.369	.405	4.80	1.19	4.6	5.1	5.1
June	29.424	29.869	29.230	65.8	75.9	84.3	60.5	72.4	97	44	58	61	76	61	.508	.567	2.96	.91	3.7	2.9	3.2
July	29.378	29.556	29.151	71.1	78.9	87.5	66.5	77.0	99	57	64	69	80	73	.616	.729	4.64	1.95	3.8	4.0	2.6
August	29.397	29.592	29.195	68.3	78.2	86.5	64.6	75.6	97	54	62	67	80	69	.560	.672	2.53	1.53	3.8	3.5	3.5
September	29.484	29.767	29.099	59.0	67.5	76.5	56.2	66.4	94	37	54	59	83	76	.433	.521	2.96	1.09	4.6	4.7	4.9
October	29.382	29.906	28.737	49.2	56.8	65.8	45.8	55.8	85	28	45	48	86	76	.318	.359	2.55	.88	5.3	5.1	6.2
November	29.524	29.957	28.690	40.8	47.7	55.6	37.4	46.5	74	16	36	41	84	78	.221	.264	4.62	1.65	5.9	5.6	6.1
December	29.489	29.873	28.789	32.6	37.5	43.5	28.7	36.1	56	10	29	32	86	82	.167	.189	2.75	.90	6.2	5.9	6.9
Year	29.439	30.050	28.450	49.8	57.5	65.5	45.6	55.6	99	7	44	48	80	72	.331	.384	43.73	2.97	5.2	4.9	5.2

PENSACOLA, FLA.

[ϕ=30° 25′ N.; λ=87° 13′ W.]

January	30.102	30.453	29.545	55.0	59.4	64.7	51.4	58.0	72	36	52	53	89	82	0.409	0.433	2.17	0.56	6.2	4.8	6.4
February	30.037	30.307	29.570	48.9	55.6	61.5	46.4	54.0	71	31	42	45	78	69	.291	.322	5.85	2.86	6.4	5.1	5.9
March	30.064	30.526	29.677	56.0	61.4	67.2	53.4	60.3	77	36	49	53	79	76	.394	.445	11.09	8.32	6.8	7.1	7.0
April	30.035	30.282	29.819	61.0	66.7	72.7	58.4	65.6	83	44	54	52	78	63	.436	.418	4.55	1.95	3.9	3.5	3.5
May	29.977	30.179	29.748	69.9	73.6	79.1	66.4	72.8	87	55	63	64	80	74	.586	.612	2.08	.74	3.8	4.0	3.7
June	29.978	30.159	29.845	75.0	77.8	83.7	71.2	77.4	96	55	67	67	78	72	.683	.683	3.77	2.48	4.2	4.9	4.3
July	30.015	30.186	29.803	78.8	80.2	87.4	74.6	81.0	97	69	72	71	80	75	.785	.764	7.96	3.33	6.5	6.5	5.9
August	29.964	30.123	29.812	78.2	80.8	87.4	75.2	81.3	94	70	72	72	80	75	.772	.785	5.02	1.19	3.8	5.3	4.2
September	29.958	30.148	29.754	73.1	76.9	81.2	70.6	75.9	93	58	68	69	84	77	.702	.725	13.71	3.99	5.2	6.2	5.7
October	29.992	30.321	29.731	62.3	68.0	74.5	58.7	66.6	85	39	55	56	77	66	.473	.480	.99	.53	4.1	3.2	3.8
November	30.125	30.378	29.847	56.2	63.7	68.4	54.8	61.6	77	38	50	55	81	75	.387	.461	2.19	1.96	3.9	2.9	3.9
December	30.048	30.424	29.495	50.8	56.1	61.6	47.9	54.8	76	33	46	48	84	76	.335	.362	2.22	.94	7.2	6.4	7.0
Year	30.026	30.526	29.495	63.8	68.4	74.1	60.8	67.4	97	31	58	59	81	73	.521	.541	61.60	8.32	5.2	5.0	5.1

PEORIA, ILL.

[ϕ=40° 43′ N.; λ=89° 36′ W.]

January	29.390	29.919	28.922	25.4	29.3	36.4	19.1	27.8	54	− 3	23	24	90	81	0.130	0.142	2.18	0.62	7.5	6.1	6.6
February	29.430	29.881	28.885	18.1	26.9	33.3	15.5	24.4	63	− 4	15	21	88	78	.094	.126	3.00	2.00	5.4	4.8	4.9
March	29.370	29.991	28.577	28.9	37.6	45.3	25.5	35.4	66	− 6	25	29	85	72	.143	.177	3.46	1.33	5.4	5.4	5.9
April	29.408	29.809	28.941	44.2	56.0	62.5	40.9	51.7	80	32	38	38	78	56	.236	.241	3.54	1.60	5.4	4.9	4.9
May	29.361	29.831	29.039	56.9	66.4	74.0	50.8	62.4	90	35	49	50	78	59	.370	.388	1.85	.53	6.1	4.7	5.2
June	29.394	29.898	29.151	66.2	79.1	85.7	60.7	73.2	99	40	58	60	76	54	.519	.556	2.50	.93	4.6	3.5	3.3
July	29.338	29.539	28.917	71.2	83.8	90.5	66.5	78.5	103	52	63	62	77	50	.597	.577	.46	.28	3.9	3.1	3.3
August	29.357	29.580	29.136	69.0	81.3	90.1	65.6	77.8	101	54	62	63	79	56	.569	.594	2.87	1.41	4.2	4.6	4.1
September	29.416	29.655	28.991	58.9	67.1	78.4	55.3	66.8	101	37	52	54	81	65	.423	.444	2.58	1.66	5.3	4.2	5.1
October	29.362	29.967	29.022	45.2	52.8	61.7	42.4	52.0	82	21	43	44	91	74	.301	.323	3.11	.83	5.8	4.4	6.2
November	29.438	29.947	29.051	41.7	48.7	55.4	38.9	47.2	74	16	38	41	86	75	.251	.283	2.77	.81	6.0	5.1	5.5
December	29.488	29.822	29.095	31.9	36.0	41.7	29.7	35.7	58	16	30	33	93	88	.177	.198	.74	.29	6.5	5.5	6.5
Year	29.396	29.991	28.577	46.5	55.4	62.9	42.6	52.7	103	− 6	41	43	84	67	.318	.337	29.06	2.00	5.5	4.7	5.1

PHILADELPHIA, PA.

[ϕ=39° 57′ N.; λ=75° 09′ W.]

January	30.015	30.615	28.548	39.9	43.9	50.6	33.9	42.2	63	22	34	35	80	70	0.213	0.218	2.99	0.68	6.0	5.9	6.3
February	29.940	30.434	29.297	30.0	36.5	42.5	26.4	34.4	65	14	21	24	67	58	.123	.146	1.90	.78	4.2	3.5	4.4
March	30.015	30.797	29.376	44.4	48.3	56.9	38.4	47.6	75	17	36	37	73	67	.248	.256	4.66	1.20	6.9	4.2	6.1
April	29.905	30.444	29.442	50.4	55.5	62.8	46.2	54.5	79	34	40	41	69	61	.264	.278	6.87	2.18	4.9	5.7	5.7
May	29.893	30.240	29.582	59.0	64.9	73.1	54.2	63.6	90	39	46	49	66	59	.330	.366	4.63	1.66	5.3	5.3	5.3
June	29.906	30.366	29.690	68.6	74.2	82.0	63.0	72.5	96	47	55	58	64	58	.462	.502	2.15	1.64	5.7	5.2	4.9
July	29.856	30.085	29.605	74.2	77.8	87.1	68.8	78.0	97	61	62	62	67	61	.572	.578	4.29	1.40	4.0	4.9	4.3
August	29.926	30.208	29.631	70.9	74.7	82.7	66.4	74.6	96	60	61	62	71	66	.544	.566	4.61	1.72	4.3	4.5	4.7
September	30.023	30.447	29.594	62.9	67.3	74.4	59.5	67.0	89	48	55	57	78	71	.464	.492	4.24	1.75	6.6	5.8	5.3
October	29.852	30.340	29.168	57.1	59.4	66.3	53.7	60.0	76	40	50	50	77	72	.378	.385	5.66	2.23	5.9	5.0	5.7
November	30.039	30.412	29.094	45.3	49.6	56.1	41.7	48.9	74	30	37	38	74	66	.235	.235	2.85	1.24	5.5	4.7	5.2
December	29.928	30.315	29.055	37.2	41.9	46.7	33.9	40.3	58	28	29	32	73	69	.168	.191	2.56	1.16	4.8	5.4	5.4
Year	29.942	30.797	28.548	53.3	57.8	65.1	48.8	57.0	97	14	44	45	72	65	.333	.351	47.41	2.23	5.3	5.0	5.3

Annual meteorological summary for the year ending December 31, 1913—Continued.

PARKERSBURG, W. VA.

[H=638 ft.; h_t=77 ft.; h_r=70 ft.; h_a=84 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	6.9	S.	37	NW.	0	6	1	3	8	23	9	2	9	1	6	5	20	20	18	9	6	0	0	0	0	18	0.		0		
February	6.7	SW.	30	NW.	0	4	3	2	6	9	12	9	11	0	15	3	10	9	7	9	4	1	0	9	0	22	0		0		
March	9.3	S.	46	S.	2	1	3	1	9	20	5	14	9	0	12	6	13	16	12	7	3	0	1	1	0	14	4		0		
April	7.4	N.	30	NW.	0	14	6	2	4	10	4	10	10	0	14	6	10	13	7	0	0	0	0	0	0	2	3		0		
May	4.6	N.	30	NW.	0	15	6	3	4	4	11	6	13	0	10	10	11	15	12	0	0	0	1	0	0	0	9		0		
June	4.6	N.	34	W.	0	19	12	1	7	5	7	5	4	0	20	6	4	10	8	0	0	0	0	0	10	0	8		0		
July	4.7	S.	35	NW.	0	11	9	3	4	17	8	4	6	0	19	8	4	12	10	0	0	0	0	0	11	0	14		0		
August	3.9	N.	18	NW.	0	13	9	7	3	7	2	7	12	2	21	6	4	6	4	0	0	0	0	0	9	0	4		0		
September	3.9	SE.	26	W.	0	10	8	10	11	9	4	3	4	1	16	5	9	10	8	0	0	0	1	0	3	0	3		0		
October	5.3	W.	39	NW.	0	5	2	2	8	11	9	13	12	0	11	5	15	13	11	2	1	1	3	0	0	2	3		0		
November	5.4	S.	28	NW.	0	4	3	0	1	20	16	5	11	0	10	5	15	11	9	3	2	0	1	1	0	10	1		0		
December	5.1	NW.	36	NW.	0	9	5	2	4	9	9	10	14	0	9	1	21	9	8	6	4	1	1	4	0	19	1		0		
Year	5.6	S.	46	S.	2	111	67	36	69	141	96	88	115	4	163	66	136	144	114	36	20	3	8	15	33	87	50		0		

PENSACOLA, FLA.

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

January	13.9	SE.	60	S.	2	10	8	12	14	5	6	0	7	0	5	11	15	13	9	0	0	0	8	0	0	0	1	0			
February	14.1	N.	56	SW.	2	18	9	4	5	1	6	2	11	0	9	6	13	12	11	0	0	0	3	0	0	1	6	0			
March	15.5	SE.	54	S.	3	11	13	7	12	4	7	1	7	0	6	8	17	12	8	0	0	0	4	0	0	0	9	0			
April	14.3	NW.	44	SE.	2	4	4	5	15	1	7	3	21	0	18	5	7	5	5	0	0	1	2	0	0	0	3	0			
May	12.2	SE.	37	SW.	0	10	3	3	15	7	13	5	6	0	17	7	7	6	6	0	0	0	2	0	0	0	6	0			
June	11.6	SE.	40	NE.	1	8	8	6	14	3	11	1	9	0	15	6	9	9	7	0	0	0	1	0	3	0	9	0			
July	10.9	S.	49	S.	2	8	3	1	3	11	15	9	12	0	7	16	8	16	14	0	0	0	0	0	6	0	18	0			
August	10.4	SE.	39	NE.	0	11	6	2	16	9	8	3	7	0	12	16	3	14	10	0	0	0	0	0	4	0	13	0			
September	13.3	E.	52	S.	2	5	15	12	13	7	2	1	5	0	8	11	11	13	11	0	0	0	0	0	1	0	8	0			
October	12.3	NW.	44	SE.	1	13	6	4	6	9	6	5	13	0	17	7	7	5	3	0	0	0	0	0	0	0	1	0			
November	12.2	NE.	37	NW.	0	7	25	12	7	0	2	3	4	6	14	8	8	3	3	0	0	0	4	0	0	0	0	0			
December	11.4	NE.	43	W.	1	19	14	3	4	2	2	5	13	0	4	11	16	8	6	0	0	0	0	0	0	0	2	0			
Year	12.7	N.	60	S.	16	124	114	71	124	59	85	38	115	0	132	112	121	116	93	0	0	1	28	0	14	1	76	0			

PEORIA, ILL.

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

January	9.0	S.	28	W.	0	10	2	1	6	21	4	4	14	0	8	7	16	13	11	9	6	0	0	11	0	28	1	0			
February	8.9	S.	36	W.	0	8	3	0	7	10	9	8	11	0	13	5	10	9	7	11	6	0	0	15	0	24	0	0			
March	11.1	S.	48	SW.	1	8	2	1	8	20	1	11	9	2	8	12	11	13	9	11	6	2	0	6	0	22	6	0			
April	9.1	E.	28	NE.	0	7	5	11	4	13	3	6	11	0	13	8	9	9	8	2	0	0	0	0	0	2	1	0			
May	7.0	S.	29	SW.	0	10	9	3	5	17	4	7	5	2	11	8	12	12	8	0	0	1	0	0	0	0	5	0			
June	5.6	S.	22	NE.	0	1	11	9	5	10	7	6	4	7	18	4	8	8	6	0	0	0	0	0	12	0	6	0			
July	6.1	S.	28	W.	0	7	6	5	6	14	11	4	7	2	18	11	2	6	3	0	0	0	0	0	19	0	3	0			
August	5.2	S.	24	SW.	0	5	10	12	7	15	0	4	5	4	15	11	5	10	7	0	0	0	0	0	18	0	13	0			
September	5.7	E.	19	W.	0	7	6	13	10	11	0	4	6	3	12	9	9	8	5	0	0	0	0	0	7	0	3	0			
October	6.1	S.	21	W.	0	13	3	6	7	15	1	5	11	1	7	9	15	10	8	4	1	0	2	0	0	8	2	0			
November	7.8	S.	29	SW.	0	7	5	6	5	21	6	5	5	0	12	5	13	14	12	1	1	0	2	0	0	10	2	0			
December	5.3	S.	28	NW.	0	10	8	4	4	10	5	8	11	2	11	0	20	6	4	6	3	0	2	6	0	22	0	0			
Year	7.2	S.	48	SW.	1	93	70	71	74	177	51	72	99	23	146	89	130	118	88	44	23	3	6	38	56	116	42	0			

PHILADELPHIA, PA.

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

January	10.1	S.	52	S.	2	4	6	1	9	18	6	3	15	0	8	7	16	18	12	3	0	0	2	2	0	13	0	0			
February	10.9	NW.	30	W.	0	3	1	0	6	8	11	14	13	0	13	8	7	9	6	8	5	0	0	7	0	23	1	0			
March	12.0	S.	40	S.	1	6	4	1	16	11	9	6	9	0	8	10	13	14	9	2	0	0	1	1	0	8	0	0			
April	12.0	NW.	31	NW.	0	6	10	3	7	9	5	4	16	0	9	10	11	15	10	2	1	0	0	0	0	3	0	0			
May	10.3	NW.	33	N.	0	7	9	2	3	6	7	4	23	1	11	8	12	9	8	0	0	0	0	0	1	0	2	0			
June	9.1	S.	42	NW.	1	8	3	3	16	10	7	4	9	0	10	12	8	8	6	0	0	0	0	0	4	0	4	0			
July	9.0	NW.	35	NW.	0	6	5	3	6	11	9	6	16	0	13	14	4	9	7	0	0	1	0	0	0	7	0	0			
August	8.3	SE.	51	W.	1	8	6	5	16	8	12	1	6	0	9	13	4	13	9	0	0	0	0	0	3	0	6	0			
September	8.4	NE.	26	NE.	0	7	9	8	10	9	7	4	6	0	7	13	10	11	7	0	0	0	0	0	0	0	3	0			
October	10.4	NW.	40	S.	1	5	10	5	12	0	3	3	24	0	8	11	12	10	9	0	0	0	0	0	0	0	2	0			
November	9.5	SW.	29	NW.	0	7	8	0	7	7	17	8	6	0	12	7	11	8	5	1	0	0	3	0	0	1	0	0			
December	10.5	NW.	37	NE.	0	4	4	1	2	10	13	5	22	1	8	13	10	8	5	3	2	0	1	0	0	14	0	0			
Year	10.0	NW.	52	S.	6	71	75	32	110	107	106	62	165	2	116	131	118	132	93	19	8	1	7	10	15	59	28	0			

Annual meteorological summary for the year ending December 31, 1913—Continued.

PHOENIX, ARIZ.

[ϕ=33° 28′ N.; λ=112° 00′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	28.906	29.246	28.204	37.1	56.2	60.4	34.1	47.2	71	16	29	38	74	53	0.171	0.250	0.38	0.26	3.0	3.2	3.5
February	28.784	29.106	28.321	44.9	61.5	64.6	41.6	53.1	78	34	36	38	73	47	.222	.245	1.93	.94	3.8	5.3	5.0
March	28.846	29.142	28.430	45.4	68.1	70.6	42.8	56.7	86	34	32	34	61	30	.186	.197	.07	.07	2.4	3.3	3.4
April	28.748	28.997	28.559	55.6	79.0	81.3	53.2	67.2	93	43	35	38	48	25	.210	.236	.51	.51	2.2	2.5	2.7
May	28.683	28.876	28.507	59.7	87.7	89.4	58.1	73.8	99	46	34	32	37	14	.197	.185	.00	.00	2.3	1.7	1.9
June	28.628	28.780	28.401	68.7	95.0	96.6	67.2	81.9	105	55	41	38	37	14	.268	.234	.00	.00	1.5	2.0	1.7
July	28.705	28.836	28.416	75.2	97.0	99.5	73.1	86.3	110	65	54	51	52	24	.449	.395	.94	.82	4.8	4.6	4.3
August	28.710	28.860	28.527	76.8	96.4	98.9	74.5	86.7	105	68	60	57	59	29	.541	.478	.32	.14	5.7	5.4	4.9
September	28.674	28.806	28.399	71.3	92.0	95.6	67.8	81.7	104	49	49	47	48	23	.380	.342	.13	.10	1.8	2.0	1.7
October	28.754	28.941	28.532	57.3	80.8	85.3	53.9	69.6	96	44	32	37	40	21	.192	.227	.01	.01	1.3	1.9	2.4
November	28.805	28.930	28.608	54.1	67.4	72.2	50.9	61.6	86	41	46	45	75	49	.314	.313	.83	.53	3.9	4.5	5.0
December	28.888	29.060	28.713	43.5	57.7	61.8	39.6	50.7	71	30	36	37	76	48	.211	.223	.27	.18	3.0	3.8	4.0
Year	28.760	29.246	28.204	57.5	78.2	81.4	54.7	68.0	110	16	40	41	57	31	.278	.277	5.39	.94	3.0	3.4	3.4

PIERRE, S. DAK.

[ϕ=44° 22′ N.; λ=100° 21′ W.]

January	28.371	28.951	27.875	12.4	20.7	30.1	7.0	18.6	57	−16	4	9	67	59	0.060	0.071	T.	T.	3.7	5.4	4.8
February	28.447	28.813	27.949	11.6	23.5	29.4	7.7	18.6	67	−11	5	11	72	58	.061	.074	0.25	0.15	5.0	3.5	3.8
March	28.363	28.773	27.974	20.2	32.6	38.0	16.0	27.0	64	− 7	14	18	76	58	.090	.106	.84	.60	6.5	5.3	5.7
April	28.350	28.675	27.854	41.0	59.2	62.6	39.0	50.8	86	25	31	30	67	38	.172	.168	1.17	.58	4.5	4.7	4.1
May	28.354	28.826	27.997	48.3	62.7	65.8	46.4	56.1	96	31	41	41	76	49	.269	.271	3.75	1.92	6.1	6.9	6.8
June	28.285	28.762	27.857	63.9	82.1	85.3	61.6	73.4	104	46	52	50	66	35	.403	.381	.32	.29	4.5	4.3	4.1
July	28.333	28.680	27.985	64.8	83.3	86.8	62.8	74.8	102	56	54	51	69	36	.421	.392	2.12	1.02	4.2	3.5	3.9
August	28.340	28.716	27.976	66.4	86.5	89.6	64.0	76.8	103	51	54	58	67	40	.433	.510	1.37	.44	4.0	4.7	3.7
September	28.372	28.756	27.901	54.3	72.0	77.2	52.7	65.0	104	33	44	43	70	40	.313	.300	.56	.28	4.2	4.2	4.5
October	28.384	28.886	27.871	37.3	50.7	57.6	34.5	46.0	86	8	27	29	68	46	.157	.167	.53	.18	5.3	4.9	5.8
November	28.361	28.754	27.813	32.1	43.8	51.5	29.6	40.6	71	16	24	27	72	54	.130	.146	.11	.07	3.6	4.2	4.2
December	28.504	28.904	28.009	20.9	31.5	38.4	18.9	28.6	55	− 1	16	22	80	65	.093	.116	.43	.25	1.3	3.5	3.2
Year	28.372	28.951	27.813	39.4	54.0	59.4	36.7	48.0	104	−16	30	32	71	48	.217	.225	11.45	1.92	4.4	4.6	4.6

PITTSBURGH, PA.

[ϕ=40° 32′ N.; λ=80° 02′ W.]

January	29.164	29.763	27.976	37.7	41.4	48.6	31.8	40.2	63	19	31	33	77	72	0.181	0.202	5.28	0.86	7.4	6.4	6.9
February	29.149	29.621	28.633	25.2	30.8	36.2	21.3	28.8	62	3	19	21	76	67	.118	.125	2.11	.78	6.4	4.9	5.9
March	29.164	29.780	28.608	39.8	44.8	53.3	33.4	43.4	75	6	29	33	67	65	.182	.209	4.37	1.83	7.2	5.0	6.4
April	29.147	29.658	28.803	46.5	54.8	60.9	42.3	51.6	84	29	36	35	67	51	.221	.215	2.53	.68	5.8	5.9	5.4
May	29.136	29.450	28.851	55.5	64.6	70.6	50.6	60.6	88	33	46	45	71	53	.321	.321	3.11	.84	6.1	5.0	5.1
June	29.159	29.639	28.958	65.8	74.8	81.6	59.4	70.5	93	43	56	54	70	50	.408	.441	1.04	.59	4.0	3.4	3.2
July	29.108	29.323	28.888	69.5	75.8	82.9	64.3	73.6	93	54	62	61	77	62	.565	.545	4.86	1.14	4.3	4.1	4.3
August	29.143	29.400	28.916	66.9	76.1	83.1	63.3	73.2	92	52	59	58	77	55	.513	.493	2.81	1.06	4.1	3.7	3.4
September	29.228	29.549	28.833	60.1	67.7	74.5	55.4	65.0	92	38	52	51	77	57	.404	.394	2.86	1.48	4.6	4.2	4.6
October	29.108	29.607	28.454	50.8	55.6	63.4	47.4	55.4	84	32	45	46	82	72	.318	.326	4.26	1.00	5.8	5.3	6.5
November	29.234	29.630	28.159	41.6	47.1	52.1	38.1	45.1	72	21	34	35	76	66	.207	.216	2.66	1.72	6.8	6.1	7.1
December	29.186	29.546	28.552	33.9	36.6	41.3	30.2	35.8	54	16	29	30	81	78	.165	.172	2.60	1.22	8.0	5.1	7.6
Year	29.160	29.780	27.976	49.4	55.8	62.4	44.8	53.6	93	3	42	42	75	62	.305	.305	38.49	1.83	5.9	4.9	5.5

POCATELLO, IDAHO.

[ϕ=42° 52′ N.; λ=112° 29′ W.]

January	25.489	25.930	25.048	20.5	26.9	30.9	15.7	23.3	47	−13	15	21	80	76	0.090	0.114	0.81	0.26	6.8	7.8	7.6
February	25.444	25.874	25.039	17.1	29.9	33.6	13.7	23.6	49	− 1	14	22	87	72	.085	.119	.59	.18	6.1	6.2	6.1
March	25.450	25.773	25.022	30.0	39.5	43.5	26.5	35.0	66	2	25	28	80	65	.136	.156	1.28	.25	7.0	7.3	7.4
April	25.438	25.701	25.130	37.9	55.3	59.7	34.9	47.3	74	21	28	27	67	37	.150	.147	.78	.39	4.8	6.2	5.2
May	25.419	25.654	25.179	46.7	64.6	68.6	44.6	56.6	85	32	37	36	71	38	.227	.221	2.44	1.64	6.1	6.5	5.8
June	25.403	25.629	25.199	52.9	70.0	74.7	51.2	63.0	86	42	46	48	79	50	.311	.336	1.96	.65	5.6	7.2	6.4
July	25.527	25.745	25.224	56.4	75.4	80.4	54.2	67.3	91	42	45	46	68	40	.313	.323	2.23	.71	4.9	4.8	4.9
August	25.536	25.756	25.212	58.5	82.2	85.6	56.8	71.2	94	45	44	41	61	26	.305	.271	.36	.15	4.0	3.8	4.0
September	25.529	25.738	25.289	48.5	68.9	72.7	45.8	59.2	86	25	36	36	64	34	.228	.225	.88	.34	4.1	3.3	3.6
October	25.537	25.835	25.174	38.3	51.0	56.6	34.9	45.8	77	20	28	29	67	44	.155	.161	.99	.37	4.5	5.8	5.4
November	25.495	25.907	25.033	36.8	42.0	49.1	32.3	40.7	64	21	30	31	76	65	.168	.173	2.01	.63	6.2	5.6	6.4
December	25.567	25.820	25.139	19.5	27.7	32.6	14.8	23.7	45	− 8	17	22	89	76	.092	.113	.84	.48	5.1	5.6	6.6
Year	25.486	25.930	25.022	38.6	52.8	57.3	35.4	46.4	94	−13	30	32	74	52	.188	.197	15.17	1.64	5.4	5.8	5.8

Annual meteorological summary for the year ending December 31, 1913—Continued.

PHOENIX, ARIZ.

[H=1,108 ft.; h_t=76 ft.; h_r=68 ft.; h_a=81 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	W.	20	W.	0	2	5	13	8	5	6	13	7	3	18	5	8	2	2	0	0	0	0	0	0	9	0	0
February	4.4	E.	28	NW.	0	2	4	16	8	3	9	11	3	0	10	8	10	9	6	0	0	1	0	0	0	0	0	0
March	4.8	W.	26	NW.	0	7	2	17	3	0	8	17	8	0	20	5	6	1	1	0	0	0	0	0	0	0	0	0
April	6.6	E.	23	E.	0	2	8	15	7	0	4	7	15	2	21	5	4	2	2	0	0	0	0	0	3	0	1	0
May	5.7	E.	26	W.	0	4	6	22	2	1	2	15	10	0	24	4	3	0	0	0	0	0	0	0	16	0	0	0
June	6.3	E.	25	SW.	0	1	2	25	2	0	2	16	11	1	23	6	1	0	0	0	0	0	0	0	27	0	1	0
July	5.9	E.	34	NE.	0	7	9	15	5	2	3	11	9	1	15	8	8	6	2	0	0	0	0	0	29	0	10	0
August	5.3	E.	37	SE.	0	9	6	18	4	0	4	9	12	0	12	10	9	11	3	0	0	0	0	0	29	0	12	0
September	5.5	E.	37	NE.	0	5	3	18	7	2	6	16	3	0	23	7	0	2	1	0	0	0	0	0	23	0	4	0
October	4.9	E.	20	W.	0	3	5	23	5	1	4	13	7	1	20	8	3	1	0	0	0	0	0	0	4	0	2	0
November	4.4	E.	26	W.	0	9	3	20	4	3	4	9	8	0	15	3	12	8	5	0	0	0	2	0	0	0	0	0
December	4.5	E.	20	E.	0	1	2	21	8	3	5	14	8	0	15	8	8	6	3	0	0	0	2	0	0	3	1	0
Year	5.1	E.	37	SE.	0	52	55	223	63	20	57	151	101	8	216	77	72	48	25	0	0	1	4	0	131	12	31	0

PIERRE, S. DAK.

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

January	10.4	NW.	39	W.	0	6	4	10	6	3	3	7	23	0	10	15	6	0	0	7	0	0	0	14	0	30	0	0
February	10.4	NW.	38	W.	0	11	4	4	9	4	5	10	9	0	15	6	7	5	2	8	5	0	0	18	0	27	0	0
March	12.9	NW.	55	NW.	5	12	5	10	9	0	4	7	15	0	8	14	9	7	4	10	7	0	0	11	0	26	0	0
April	13.4	SE.	40	NW.	1	12	5	11	19	2	2	2	7	0	17	5	8	7	6	3	3	0	0	1	0	8	2	0
May	10.9	E.	46	NE.	3	11	12	11	11	0	3	3	11	0	7	8	16	10	8	0	0	1	1	0	3	1	6	0
June	12.0	SE.	46	N.	1	7	9	8	22	6	2	2	4	0	16	10	4	2	1	0	0	0	0	0	11	0	6	0
July	10.6	E.	44	SW.	3	8	7	16	8	2	5	3	13	0	17	9	5	6	5	0	0	0	0	0	9	0	9	0
August	9.7	E.	50	W.	2	8	12	16	14	3	3	1	5	0	18	7	6	10	6	0	0	0	1	0	16	0	7	0
September	10.5	E.	38	NW.	0	10	8	17	9	3	4	1	8	0	12	12	6	4	4	0	0	0	0	0	7	0	2	0
October	9.4	NW.	40	NW.	2	7	2	9	10	3	3	4	23	1	7	12	12	4	4	3	0	0	0	2	0	13	1	0
November	7.2	E.	39	NW.	0	9	6	16	6	3	4	4	12	0	13	10	7	3	2	1	1	0	0	0	0	22	0	0
December	5.8	SW.	37	NW.	0	8	5	10	5	5	10	6	13	0	20	3	8	3	3	4	1	0	2	8	0	28	0	0
Year	10.3	NW.	55	NW.	17	109	79	138	128	34	48	50	143	1	160	111	94	61	45	36	17	1	4	54	46	155	33	0

PITTSBURGH, PA.

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

January	13.1	SW.	58	SW.	4	1	1	3	6	10	21	6	14	0	7	5	19	20	16	9	5	0	1	2	0	18	2	0
February	13.5	W.	52	W.	3	1	1	3	5	1	18	14	13	0	9	8	11	13	8	14	10	0	0	12	0	23	0	0
March	15.5	SW.	57	NW.	8	0	1	1	10	8	16	14	12	0	5	13	13	17	12	11	6	1	1	3	0	14	5	0
April	13.0	NW.	50	W.	3	7	6	3	6	1	9	7	21	0	12	6	12	11	10	2	0	0	1	0	0	5	2	0
May	9.6	NW.	36	NW.	0	9	7	2	4	3	7	4	26	0	9	14	8	13	10	0	0	0	1	0	0	0	6	0
June	9.8	NW.	52	NW.	2	9	13	3	4	0	14	4	12	1	17	9	4	5	5	0	0	0	0	0	3	0	6	0
July	9.4	SW.	44	NW.	3	7	2	8	5	3	18	5	14	0	14	10	7	12	11	0	0	0	0	0	6	0	13	0
August	9.1	NW.	53	NW.	1	11	5	7	10	3	10	6	10	0	17	10	4	7	6	0	0	1	0	0	3	0	5	0
September	8.3	SW.	33	NW.	0	7	5	10	12	1	13	6	5	1	12	10	8	11	10	0	0	0	2	0	2	0	3	0
October	11.0	NW.	60	NW.	2	5	3	3	13	3	7	12	16	0	9	8	14	12	10	3	0	0	7	0	0	2	2	0
November	11.2	SW.	40	NW.	1	1	2	6	9	6	17	9	10	0	6	6	18	11	9	3	2	0	2	2	0	7	0	0
December	11.0	W.	47	NW.	3	1	8	5	2	3	14	13	16	0	4	6	21	9	7	8	5	1	2	7	0	19	0	0
Year	11.2	NW.	60	NW.	30	59	54	54	86	42	164	100	169	2	121	105	139	141	114	50	28	3	17	26	14	88	44	0

POCATELLO, IDAHO.

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

January	11.8	SE.	40	SW.	1	0	0	0	31	4	18	8	1	0	3	8	20	11	8	16	11	0	0	16	0	28	0	0
February	6.4	W.	33	SW.	0	1	1	1	13	1	8	15	15	1	7	9	12	12	6	14	12	0	0	16	0	28	0	0
March	9.0	SE.	36	SW.	0	1	3	3	20	8	17	8	2	0	4	8	19	15	11	15	10	0	0	4	0	23	0	0
April	9.4	SE.	42	SW.	1	0	2	6	16	8	14	8	5	1	10	11	9	8	4	5	2	1	0	0	0	9	2	0
May	7.9	SW.	30	S.	0	1	2	3	21	4	19	10	2	0	4	18	9	9	7	1	0	0	0	0	0	1	8	0
June	7.2	SE.	32	SW.	0	1	1	5	25	7	10	6	5	0	4	14	12	11	9	0	0	2	0	0	0	0	8	0
July	7.3	SE.	30	SW.	0	0	2	4	28	5	10	6	6	1	10	13	8	10	7	0	0	1	0	0	3	0	12	0
August	6.8	SE.	26	SW.	0	2	1	3	24	8	9	11	3	1	13	15	3	6	4	0	0	0	0	0	7	0	8	0
September	7.9	SE.	36	SW.	0	3	0	5	21	5	11	10	5	0	15	8	7	7	4	2	0	1	0	0	0	3	4	0
October	9.0	SE.	36	SW.	0	1	0	3	22	7	22	7	0	0	11	9	11	8	6	4	4	0	0	0	0	9	1	0
November	8.6	SE.	36	SW.	0	1	0	3	23	7	15	6	3	2	6	10	14	12	8	8	4	0	0	0	0	12	0	0
December	5.6	SE.	28	S.	0	2	0	2	23	4	8	15	6	2	7	8	16	8	6	13	8	0	7	17	0	31	0	0
Year	8.1	SE.	42	SW.	2	13	12	38	267	68	161	110	53	8	94	131	140	117	80	78	51	5	7	53	10	144	43	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

POINT REYES LIGHT, CAL.

[ϕ=38° 11′ N.; λ=122° 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	29.591	29.887	29.158	.....	47.4	50.5	42.2	46.4	63	33	....	44	....	88	.....	0.289	2.79	0.65	.....	3.3	5.0
February	29.449	29.858	28.991	.....	50.6	53.8	46.2	50.0	65	40	....	46	....	85	.....	.313	.14	.10	.....	4.5	5.0
March	29.571	29.828	29.225	.....	48.9	51.9	44.1	48.0	67	40	....	46	....	91	.....	.314	1.40	.75	.....	3.3	5.7
April	29.513	29.841	29.359	.....	52.2	55.2	46.5	50.8	72	43	....	48	....	87	.....	.338	1.39	.55	.....	3.5	4.8
May	29.456	29.653	29.306	.....	52.9	55.0	47.9	51.4	73	45	....	50	....	91	.....	.362	.83	.52	.....	4.1	6.1
June	29.424	29.620	29.256	.....	55.8	57.1	50.5	53.8	63	47	....	53	....	91	.....	.461	.04	.03	.....	2.7	5.5
July	29.441	29.554	29.171	.....	57.5	58.9	51.4	55.2	68	48	....	54	....	88	.....	.414	.16	.13	.....	3.4	5.7
August	29.430	29.551	29.244	.....	58.4	61.0	53.2	57.1	82	50	....	55	....	89	.....	.437	.03	.02	.....	3.3	6.0
September	29.400	29.544	29.195	.....	60.3	64.1	53.4	58.8	91	50	....	54	....	83	.....	.424	.09	.07	.....	1.6	4.3
October	29.472	29.601	29.234	.....	55.9	60.9	49.8	55.4	78	44	....	50	....	82	.....	.361	.21	.21	.....	1.7	4.4
November	29.485	29.700	29.134	.....	53.2	55.8	49.7	52.8	70	45	....	50	....	90	.....	.365	4.59	1.20	.....	6.3	6.6
December	29.516	29.701	29.116	.....	50.6	53.8	46.7	50.2	65	40	....	46	....	86	.....	.313	5.07	1.07	.....	6.7	6.5
Year	29.479	29.887	28.991	.....	53.6	56.5	48.5	52.5	91	33	....	50	....	88	.....	.361	16.74	1.20	.....	3.7	5.5

PORT CRESCENT, WASH.

[ϕ=48° 8′ N.; λ=123° 41′ W.]

January	29.759	30.317	28.918	.....	36.1	39.3	29.5	34.4	48	22	....	34	....	91	.....	0.197	5.95	1.04	.....	8.0	8.5
February	29.834	30.130	29.397	.....	41.0	42.8	29.9	36.4	50	24	....	32	....	72	.....	.189	1.76	.60	.....	6.9	6.7
March	29.831	30.252	29.349	.....	42.8	44.5	30.5	37.5	52	22	....	35	....	74	.....	.208	1.46	.46	.....	6.3	6.9
April	29.762	30.106	29.290	.....	48.2	51.7	35.9	43.8	63	27	....	41	....	76	.....	.256	.98	.30	.....	7.9	6.8
May	29.817	30.086	29.556	.....	52.8	55.9	40.4	48.2	66	30	....	45	....	76	.....	.303	1.32	.47	.....	6.7	6.5
June	29.722	29.904	29.476	.....	56.7	60.9	45.4	53.2	74	34	....	50	....	79	.....	.362	2.41	.60	.....	7.1	6.6
July	29.827	30.075	29.593	.....	60.7	65.7	46.7	56.2	86	38	....	53	....	76	.....	.401	.85	.24	.....	4.1	4.6
August	29.834	30.052	29.603	.....	60.6	65.7	47.5	56.6	79	39	....	53	....	77	.....	.397	.66	.61	.....	4.8	5.2
September	29.793	30.053	29.266	.....	56.8	60.1	44.0	52.0	68	35	....	49	....	77	.....	.350	3.29	1.40	.....	4.6	5.4
October	29.861	30.312	29.278	.....	49.4	52.3	39.5	45.9	59	30	....	45	....	85	.....	.301	3.00	.86	.....	6.3	7.1
November	29.605	30.024	29.032	.....	43.5	48.0	35.4	41.7	59	28	....	40	....	89	.....	.252	9.05	2.62	.....	7.4	8.3
December	29.712	30.154	29.029	.....	42.3	45.0	34.6	39.8	50	28	....	39	....	87	.....	.236	1.77	.67	.....	8.0	8.5
Year	29.780	30.317	28.918	.....	49.2	52.7	38.3	45.5	86	22	....	43	....	80	.....	.288	32.50	2.62	.....	6.5	6.8

PORT HURON, MICH.

[ϕ=43° 0′ N.; λ=82° 26′ W.]

January	29.311	29.916	28.427	26.5	29.3	34.9	21.3	28.1	52	5	23	25	86	83	0.132	0.139	3.08	0.68	7.6	7.2	7.7
February	29.310	29.724	28.830	17.6	21.7	27.4	13.6	20.5	54	0	14	15	84	74	.087	.091	1.33	.59	8.0	5.8	6.6
March	29.299	29.929	28.610	28.3	33.1	41.4	22.1	31.8	67	− 4	23	26	80	75	.139	.152	4.05	1.10	6.3	4.7	6.0
April	29.372	29.837	29.008	41.8	44.6	52.3	37.0	44.6	79	27	35	34	75	68	.209	.207	2.79	1.11	5.4	5.0	5.1
May	29.350	29.754	29.056	51.3	54.9	63.1	45.2	54.2	82	31	43	44	74	70	.284	.306	2.89	1.22	5.7	5.0	5.4
June	29.366	29.891	29.112	63.2	66.4	76.4	54.5	65.4	95	38	52	54	69	66	.414	.446	2.76	.97	3.3	3.0	3.3
July	29.293	29.529	28.831	67.3	69.9	78.6	59.4	69.0	91	48	59	58	75	67	.510	.493	4.30	2.10	3.7	4.2	4.2
August	29.341	29.602	29.062	65.9	70.0	78.0	60.4	69.2	91	47	57	60	74	70	.483	.519	3.93	2.31	4.5	4.7	4.7
September	29.419	29.783	28.897	56.2	61.7	69.7	51.0	60.4	91	36	50	52	80	71	.372	.402	.69	.48	5.1	4.2	4.8
October	29.290	29.792	28.618	48.3	51.7	59.4	44.2	51.8	82	25	44	44	85	76	.306	.311	4.27	1.02	6.3	5.3	6.9
November	29.370	29.741	28.307	38.5	42.3	48.1	34.9	41.5	65	20	34	36	85	79	.208	.227	1.88	.64	6.4	6.1	7.0
December	29.367	29.646	28.653	31.1	33.0	38.8	27.3	33.0	55	16	27	29	84	84	.152	.163	.64	.37	7.1	5.4	7.0
Year	29.341	29.929	28.307	44.7	48.2	55.7	39.2	47.5	95	− 4	38	40	79	74	.275	.288	32.61	2.31	5.8	5.0	5.7

PORTLAND, ME.

[ϕ=43° 39′ N.; λ=70° 15′ W.]

January	29.953	30.652	28.521	28.4	33.3	39.7	23.4	31.6	53	6	21	23	72	64	0.128	0.133	2.47	0.63	5.3	4.4	6.0
February	29.834	30.280	29.362	16.9	22.4	29.5	12.6	21.0	49	− 2	6	10	60	58	.062	.077	2.70	.76	4.4	3.3	4.0
March	29.964	30.703	29.146	32.4	35.8	42.5	27.9	35.2	67	0	26	28	76	75	.156	.170	5.35	1.24	5.6	4.9	6.2
April	29.899	30.450	29.280	41.9	43.2	50.3	36.4	43.4	69	24	35	35	77	74	.214	.211	2.02	.54	4.3	5.0	5.9
May	29.877	30.386	29.274	49.2	49.4	57.0	43.0	50.0	72	37	37	39	66	69	.233	.243	2.92	.78	5.6	5.3	5.8
June	29.866	30.285	29.518	61.5	61.8	71.3	53.1	62.2	91	46	48	49	63	65	.345	.355	.59	.39	4.2	5.1	4.6
July	29.796	30.118	29.363	67.9	67.9	77.8	59.5	68.6	101	52	56	56	66	68	.448	.453	2.27	1.11	3.5	4.2	5.3
August	29.919	30.338	29.643	63.7	65.5	74.0	57.4	65.7	86	49	55	57	75	75	.441	.472	2.99	1.75	4.1	4.2	4.6
September	30.027	30.490	29.631	55.4	58.0	66.1	50.5	58.3	84	39	48	50	77	77	.345	.370	3.46	1.69	4.3	2.7	4.3
October	29.866	30.456	29.183	51.6	52.9	58.3	48.3	53.3	71	27	48	49	87	88	.344	.363	5.72	1.45	7.4	6.0	7.8
November	29.996	30.699	29.263	38.1	41.5	48.3	34.5	41.4	70	20	29	30	69	65	.175	.181	1.20	.45	4.5	3.9	5.3
December	29.841	30.407	28.831	28.2	32.1	38.7	25.1	31.9	52	13	20	22	70	64	.114	.123	4.29	1.70	5.5	4.4	5.7
Year	29.903	30.763	28.521	44.6	47.0	54.5	39.3	46.9	101	− 2	36	37	72	70	.250	.263	35.98	1.75	4.9	4.4	5.5

Annual meteorological summary for the year ending December 31, 1913—Continued.

POINT REYES LIGHT, CAL.

[H=490 ft.; h_t=7 ft.; h_r=3 ft.; h_a=18 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.	32° or Minimum temp ratur below.	Electricity. Thunderstorms.	Auroras.
	Miles		*Mi*																									
January	20.6	NW.	86	NW.	13	4	3	1	0	7	0	1	15	0	13	6	12	11	11	0	0	0	11	0	0	0	1	0
February	21.1	NW.	79	NW.	9	5	0	1	1	5	1	1	14	0	14	3	11	4	1	0	0	0	6	0	0	0	0	0
March	23.8	NW.	78	NW.	13	6	0	0	1	4	0	0	20	0	10	8	13	10	6	0	0	0	14	0	0	0	0	0
April	21.6	NW.	68	NW.	13	1	0	0	0	10	0	2	17	0	12	12	6	11	7	0	0	0	9	0	0	0	0	0
May	25.5	NW.	72	NW.	14	5	0	0	0	7	1	0	18	0	10	5	16	5	4	0	0	0	15	0	0	0	0	0
June	27.4	NW.	74	NW.	23	2	0	0	0	2	0	2	24	0	12	3	15	2	0	0	0	0	14	0	0	0	0	0
July	22.5	NW.	75	NW.	11	7	0	0	0	6	1	4	13	0	10	7	14	4	2	0	0	0	21	0	0	0	0	0
August	22.7	NW.	55	NW.	8	4	0	0	0	5	3	1	18	0	11	4	16	2	0	0	0	0	18	0	0	0	0	0
September	18.4	NW.	62	NW.	7	7	0	0	1	3	1	2	16	0	14	7	9	3	1	0	0	0	18	0	1	0	0	0
October	17.9	NW.	75	NW.	6	8	0	0	0	7	1	0	15	0	13	10	8	1	1	0	0	0	18	0	0	0	0	0
November	20.0	NW.	70	NW.	11	0	1	1	1	8	1	0	17	1	7	7	16	18	14	0	0	0	11	0	0	0	0	0
December	20.6	S.	70	S.	13	2	0	1	2	12	1	2	10	1	8	6	17	12	10	0	0	0	9	0	0	0	0	0
Year	21.8	NW.	86	NW.	141	51	4	4	6	76	10	15	197	2	134	78	153	83	57	0	0	0	164	0	1	0	1	0

PORT CRESCENT, WASH.

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

January	5.8	S.	31	NE.	0	0	1	4	8	9	5	3	1	0	0	10	21	21	19	16	15	0	0	2	0	25	0	0
February	6.7	E.	29	NE.	0	2	4	13	3	1	0	3	2	0	6	11	11	7	7	3	1	0	1	0	0	24	0	0
March	5.8	S.	34	NE.	0	0	6	7	1	1	4	11	1	0	2	16	13	19	10	5	5	0	0	1	0	21	0	0
April	5.3	S.	22	NW.	0	2	6	1	0	1	0	12	7	1	2	17	11	14	7	0	0	0	0	0	0	8	0	0
May	5.1	NW.	15	NW.	0	5	1	1	0	0	0	10	14	0	4	13	14	9	7	0	0	0	0	0	0	1	0	0
June	5.1	W.	15	NE.	0	1	0	2	1	0	2	13	10	1	3	15	12	14	11	0	0	0	1	0	0	0	0	0
July	4.6	W.	14	E.	0	3	0	3	0	0	1	8	16	0	11	17	3	6	5	0	0	0	2	0	0	0	0	0
August	5.1	NW.	18	NW.	0	0	1	3	1	0	1	10	15	0	6	20	5	5	1	0	0	0	2	0	0	0	0	0
September	4.9	S.	16	SE.	0	2	3	2	5	0	3	4	10	1	10	10	10	13	9	0	0	0	3	0	0	0	0	0
October	4.3	SE.	16	SW.	0	2	2	4	7	0	4	4	3	5	3	11	17	17	12	0	0	0	6	0	0	4	0	0
November	5.7	SE.	23	NE.	0	1	0	6	8	7	4	0	4	0	0	9	21	23	20	0	0	0	0	0	0	8	0	0
December	5.3	SE.	20	NE.	0	0	3	4	16	1	7	0	0	0	0	10	21	18	13	0	0	0	0	0	0	8	0	0
Year	5.3	NW.	34	NE.	0	18	27	50	50	20	31	78	83	8	47	159	159	166	121	24	21	0	15	3	0	99	0	0

PORT HURON, MICH.

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

January	12.6	SW.	38	W.	0	2	3	4	3	10	17	13	10	0	3	7	21	17	12	12	8	0	0	12	0	28	0	0
February	13.7	SW.	37	W.	0	5	5	3	7	3	12	11	10	0	4	12	12	13	7	20	13	0	0	20	0	28	1	0
March	14.9	SW.	62	SW.	2	5	7	1	3	15	17	5	9	0	6	13	12	17	15	12	9	0	0	9	0	25	2	0
April	14.8	N.	40	W.	1	18	10	2	4	8	9	3	6	0	13	4	13	8	8	2	0	0	0	0	0	8	5	0
May	10.0	NE.	29	SE.	0	11	17	2	5	8	11	5	3	0	8	16	7	12	9	0	0	0	0	0	0	1	4	0
June	9.6	N.	34	N.	0	13	12	2	3	7	9	9	5	0	16	10	4	7	6	0	0	0	0	0	0	3	7	0
July	9.2	NE.	39	NW.	0	13	14	1	6	10	4	6	8	0	11	18	2	10	8	0	0	0	0	0	0	3	8	0
August	9.1	S.	38	NW.	0	7	13	6	6	14	7	3	6	0	10	15	6	10	6	0	0	0	0	0	0	1	8	0
September	10.1	SW.	30	SW.	0	6	11	6	6	14	11	2	4	0	12	9	9	6	4	0	0	0	0	0	0	1	2	0
October	9.9	S.	30	NW.	0	4	6	3	7	14	8	4	16	0	4	12	15	12	8	1	0	0	3	0	0	2	0	0
November	12.5	SW.	58	N.	2	3	3	7	4	10	20	6	7	0	5	9	16	15	9	5	3	0	3	2	0	14	1	0
December	11.9	SW.	39	NW.	0	4	3	1	5	1	23	10	15	0	5	10	16	6	3	10	3	0	0	6	0	23	0	0
Year	11.5	SW.	62	SW.	5	91	104	38	59	114	148	77	99	0	97	135	133	133	95	62	36	0	6	49	8	129	38	0

PORTLAND, ME.

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

January	10.8	SW.	48	S.	1	10	4	1	3	8	15	10	10	1	12	4	15	12	10	6	5	0	6	5	0	25	0	0
February	10.6	SW.	36	W.	0	10	1	0	2	1	18	13	11	0	17	2	9	9	8	11	7	0	0	18	0	27	0	0
March	10.3	S.	36	W.	0	6	5	2	2	16	13	12	6	0	11	3	17	17	15	7	4	0	6	4	0	19	0	0
April	9.7	N.	42	NW.	1	10	8	6	3	9	8	5	10	1	11	5	14	12	9	4	3	0	2	0	0	7	0	0
May	9.0	NW.	34	NW.	0	9	4	6	8	13	3	5	13	1	11	7	13	10	7	0	0	0	2	0	0	0	0	0
June	10.0	S.	36	NW.	0	5	4	3	4	14	14	4	12	0	14	10	6	7	3	0	0	0	0	0	1	0	2	0
July	9.5	S.	31	S.	0	9	4	2	1	11	12	16	7	0	13	8	10	10	5	0	0	0	3	0	1	0	4	0
August	9.2	S.	32	S.	0	7	1	3	6	19	14	3	9	0	13	11	7	7	5	0	0	0	3	0	0	0	4	0
September	9.4	S.	37	NW.	0	6	6	4	4	9	18	3	10	0	16	6	8	10	7	0	0	0	4	0	0	0	1	0
October	9.5	N.	48	SE.	1	18	2	7	6	5	5	6	12	1	5	5	21	16	12	1	1	0	9	2	0	1	0	0
November	9.6	SW.	38	SE.	0	11	3	1	3	5	15	11	11	0	15	4	11	8	8	2	2	0	2	2	0	14	0	0
December	10.2	N.	42	NW.	2	15	5	0	1	2	11	14	14	0	12	4	15	10	7	6	5	0	6	5	0	25	1	0
Year	9.8	SW.	48	S.	5	116	47	35	43	112	146	102	125	4	150	69	146	128	96	37	27	0	37	34	2	118	12	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

PORTLAND, OREG.

[ϕ=45° 32′ N.; λ=122° 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	29.957	30.459	29.206	36.8	39.9	42.8	33.5	38.2	54	22	34	36	88	86	0.196	0.215	6.25	1.29	7.8	8.5	8.5
February	29.980	30.300	29.634	35.6	44.1	46.1	33.3	39.7	63	26	31	32	84	64	.179	.190	1.13	.43	3.7	6.5	5.7
March	29.972	30.406	29.566	40.2	49.2	50.9	38.3	44.6	67	29	36	38	87	67	.220	.241	4.04	1.04	6.7	7.3	7.3
April	29.893	30.345	29.525	44.4	57.6	59.4	42.7	51.0	76	36	41	42	88	58	.258	.269	2.94	.66	6.9	7.2	6.2
May	29.908	30.202	29.652	49.6	64.8	66.4	48.7	57.6	84	41	44	47	83	54	.295	.321	1.63	.54	7.0	5.0	5.0
June	29.808	30.084	29.572	54.7	69.7	72.1	53.7	62.9	87	47	50	51	83	54	.357	.380	4.24	1.09	6.8	6.0	5.9
July	29.898	30.213	29.662	58.4	76.9	78.2	57.5	67.8	98	51	53	57	82	52	.401	.483	.24	.17	5.1	4.4	4.6
August	29.894	30.146	29.672	59.6	76.6	78.8	58.5	68.6	93	50	54	59	83	57	.423	.513	.76	.42	6.5	3.8	3.9
September	29.889	30.172	29.516	54.0	70.9	72.7	51.9	62.3	87	44	49	51	84	53	.351	.382	2.58	1.02	3.3	2.8	4.0
October	29.980	30.359	29.487	47.8	57.6	60.4	46.0	53.2	75	38	44	45	86	65	.286	.308	3.62	1.18	5.6	5.4	6.3
November	29.812	30.271	29.341	45.1	49.2	52.1	42.9	47.5	60	34	41	42	86	77	.258	.270	5.39	1.02	6.7	6.7	8.1
December	29.899	30.306	29.127	38.8	41.7	44.3	37.1	40.7	55	30	34	36	81	80	.193	.210	3.48	1.07	7.1	7.1	7.2
Year	29.908	30.459	29.127	47.1	58.2	60.4	45.3	52.8	98	22	43	45	85	64	.285	.315	36.30	1.29	6.1	5.9	6.1

PROVIDENCE, R. I.

[ϕ=41° 50′ N.; λ=71° 25′ W.]

January	29.937	30.570	28.576	36.2	39.1	46.7	29.3	38.0	61	13	30	32	79	75	0.184	0.193	2.90	0.70	6.0	5.4	5.9
February	29.816	30.275	29.366	23.9	28.9	35.9	18.2	27.0	58	1	17	20	73	69	.103	.121	2.97	1.10	3.0	3.2	3.6
March	29.947	30.740	29.255	38.5	42.2	49.7	31.6	40.6	66	8	34	37	84	82	.215	.244	4.30	.83	5.7	4.8	6.0
April	29.842	30.408	29.396	44.8	47.7	55.4	40.1	47.8	73	28	38	42	79	80	.247	.270	5.32	1.78	5.6	3.7	5.5
May	29.817	30.264	29.359	54.0	56.0	63.8	46.5	55.2	86	34	42	43	66	66	.278	.294	1.84	.57	4.6	6.2	5.6
June	29.832	30.251	29.575	66.0	66.2	76.0	55.7	65.8	89	46	52	55	63	70	.403	.453	1.19	.41	3.0	3.8	3.6
July	29.774	30.026	29.418	72.1	72.6	82.9	63.8	73.4	93	57	60	61	66	69	.523	.553	2.29	.64	3.2	4.1	4.2
August	29.880	30.251	29.617	67.8	69.5	79.0	60.5	69.8	92	49	59	61	74	75	.512	.543	2.36	1.17	4.5	3.7	4.5
September	29.974	30.417	29.615	58.8	60.9	68.9	52.0	60.4	84	39	54	55	84	81	.436	.447	2.90	1.06	5.7	4.2	5.1
October	29.787	30.359	29.104	54.7	56.2	62.2	49.9	56.0	72	32	50	51	85	84	.380	.398	5.45	1.58	7.0	6.5	7.5
November	29.953	30.542	29.108	43.9	46.1	52.9	38.7	45.8	70	26	35	36	71	70	.215	.226	1.96	1.03	5.3	3.0	5.6
December	29.808	30.271	29.148	34.2	38.1	44.5	30.0	37.2	56	18	27	30	74	70	.152	.170	3.46	1.56	5.2	4.9	5.2
Year	29.864	30.740	28.576	49.6	52.0	59.8	43.0	51.4	93	1	42	44	75	74	.304	.326	36.94	1.78	4.9	4.5	5.2

PUEBLO, COLO.

[ϕ=38° 18′ N.; λ=104° 36′ W.]

January	25.223	25.479	24.840	20.2	34.5	43.6	14.3	29.0	63	−25	9	15	62	49	0.066	0.086	0.31	0.21	2.0	2.3	2.6
February	25.213	25.516	24.784	16.1	30.6	36.7	12.4	24.6	67	− 9	10	19	76	66	.068	.102	1.09	.69	4.4	4.6	4.4
March	25.207	25.500	24.743	29.0	47.7	53.1	26.3	39.7	78	10	16	23	59	41	.090	.121	.21	.12	3.8	4.1	3.7
April	25.255	25.567	24.804	37.1	62.0	66.0	35.7	50.8	82	21	23	25	56	28	.122	.137	.47	.45	3.2	4.7	4.2
May	25.244	25.541	24.882	49.4	71.3	77.1	47.7	62.4	91	30	34	34	56	30	.194	.210	1.43	1.23	2.4	5.4	3.9
June	25.285	25.506	24.943	56.7	75.3	82.0	55.7	68.8	96	49	43	42	61	35	.275	.276	.66	.38	3.8	6.5	4.8
July	25.357	25.625	25.051	61.6	82.0	88.7	60.7	74.7	101	51	46	48	60	36	.322	.347	3.12	1.28	2.8	5.5	3.7
August	25.374	25.755	25.039	60.6	82.5	90.1	60.4	75.2	97	54	47	53	62	39	.325	.405	.87	.49	1.7	5.0	3.2
September	25.352	25.642	24.897	48.7	67.8	74.5	47.6	61.0	89	34	40	41	74	42	.258	.264	.79	.34	3.0	5.3	3.7
October	25.316	25.670	24.931	38.4	55.1	63.6	35.0	49.3	81	17	26	30	62	40	.145	.166	.17	.07	3.5	2.9	3.5
November	25.299	25.687	24.805	31.0	49.1	57.8	27.9	42.8	76	13	20	29	62	48	.108	.161	.11	.11	3.1	2.8	4.0
December	25.327	25.640	24.920	13.8	25.6	34.6	9.6	22.1	47	− 5	8	20	77	76	.067	.105	1.35	.91	3.4	3.9	4.5
Year	25.288	25.687	24.743	38.6	57.0	64.0	36.1	50.0	101	−25	27	32	64	44	.170	.198	10.58	1.28	3.1	4.4	3.8

RALEIGH, N. C.

[ϕ=35° 45′ N.; λ=78° 37′ W.]

January	29.777	30.280	28.741	45.9	51.0	59.3	41.0	50.2	73	30	41	41	82	70	0.280	0.281	5.95	2.15	6.3	5.2	6.4
February	29.682	30.151	29.245	37.8	47.6	53.0	35.8	44.4	74	20	29	31	70	54	.177	.195	2.17	.69	4.3	3.6	4.5
March	29.763	30.420	29.240	49.3	57.2	63.9	44.8	54.4	78	26	42	41	75	59	.304	.304	3.63	1.15	6.2	3.8	5.4
April	29.651	30.113	29.259	53.1	63.4	69.5	49.1	59.3	86	36	40	38	63	42	.269	.252	2.70	1.46	3.9	3.7	3.9
May	29.625	29.896	29.355	64.4	72.6	80.5	59.1	69.8	94	41	54	52	70	53	.428	.418	2.86	1.13	4.3	5.0	4.4
June	29.644	29.960	29.455	70.2	75.5	84.1	65.4	74.8	95	51	62	62	78	65	.581	.570	5.13	1.64	5.4	6.6	5.1
July	29.626	29.781	29.407	75.1	80.0	89.6	70.5	80.0	99	64	69	68	82	69	.708	.696	5.51	1.49	5.3	5.4	5.1
August	29.647	29.889	29.465	71.6	76.6	85.4	67.7	76.6	93	60	67	67	85	74	.658	.671	3.82	1.39	4.9	5.2	5.1
September	29.712	29.906	29.039	64.4	70.2	78.1	60.9	69.5	90	46	59	60	83	73	.526	.547	6.03	2.79	5.3	3.6	5.2
October	29.599	30.051	29.121	56.4	62.3	70.1	52.9	61.5	82	34	49	49	77	64	.375	.379	4.11	1.93	4.0	2.9	4.3
November	29.792	30.160	28.918	43.9	54.4	62.3	41.5	51.9	76	25	35	36	72	53	.216	.229	1.39	1.04	3.4	2.5	3.5
December	29.691	30.020	29.033	39.1	46.7	52.9	37.1	45.0	68	25	33	34	78	64	.201	.207	3.80	1.25	4.5	4.1	5.0
Year	29.684	30.420	28.741	55.9	63.1	70.7	52.2	61.4	99	20	48	48	76	62	.394	.396	47.10	2.79	4.8	4.3	4.8

Annual meteorological summary for the year ending December 31, 1913—Continued.

PORTLAND, OREG.

[H=153 ft.; h_t=68 ft.; h_r=63 ft.; h_a=106 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	8.0	SW.	29	S.	0	5	2	2	13	6	17	8	9	0	2	4	25	20	17	10	8	0	3	1	0	12	0	0
February	6.8	E.	29	NE.	0	5	4	16	7	5	7	2	9	1	8	11	9	10	7	1	0	0	3	0	0	17	0	0
March	6.3	N.	27	E.	0	11	3	5	10	7	8	7	10	1	5	6	20	18	16	6	5	1	2	0	0	4	0	0
April	5.8	NW.	28	SW.	0	9	3	2	8	9	9	7	13	0	7	12	11	16	11	0	0	1	1	0	0	0	1	0
May	5.5	NW.	20	SW.	0	9	2	2	5	9	8	4	23	0	12	7	12	12	7	0	0	0	0	0	0	0	1	0
June	5.8	NW.	24	SW.	0	4	1	4	6	10	8	9	18	0	8	8	14	16	13	0	0	0	0	0	0	0	2	0
July	5.6	NW.	23	W.	0	12	2	0	6	5	6	5	26	0	11	13	7	2	2	0	0	0	0	0	4	0	0	0
August	6.0	NW.	23	NW.	0	17	1	0	4	7	6	2	25	0	13	14	4	5	4	0	0	0	1	0	1	0	1	0
September	5.7	NW.	24	S.	0	4	3	5	10	11	4	4	19	0	14	10	6	7	6	0	0	0	1	0	0	0	0	0
October	5.2	NW.	32	SW.	0	10	2	5	8	10	3	4	20	0	7	9	15	11	10	0	0	1	5	0	0	0	0	0
November	7.1	S.	30	SW.	0	2	0	9	12	17	8	2	10	0	3	7	20	20	18	0	0	0	3	0	0	0	0	0
December	6.1	E.	29	E.	0	5	4	20	16	5	6	0	6	0	6	6	19	17	13	4	1	0	5	0	0	4	0	0
Year	6.2	NW.	32	SW.	0	93	27	70	105	101	90	54	188	2	96	107	162	154	124	21	14	3	24	1	5	37	5	0

PROVIDENCE, R. I.

[H=160 ft.; h_t=215 ft.; h_r=211 ft.; h_a=251 ft.]

January	8.1	W.	42	SW.	1	6	1	2	8	8	15	7	15	0	10	8	13	16	15	2	2	0	5	2	0	22	0	0
February	7.3	W.	35	NW.	0	3	2	1	5	9	7	15	14	0	16	5	7	10	7	9	6	0	0	12	0	26	1	0
March	9.6	S.	48	SW.	1	9	4	0	7	16	9	9	8	0	9	9	13	14	12	3	2	0	2	2	0	14	3	0
April	9.7	N.	38	N.	0	15	8	2	5	15	1	3	11	0	10	9	11	11	8	2	2	0	1	0	0	4	1	0
May	9.0	NW.	48	NW.	1	8	7	3	13	5	3	4	19	0	9	11	11	9	7	0	0	0	0	0	0	0	2	0
June	9.5	S.	32	NW.	0	7	7	2	3	17	12	5	7	0	16	11	3	5	4	0	0	0	0	0	0	0	2	0
July	11.9	SW.	48	NW.	3	5	1	2	2	9	17	11	15	0	11	18	2	9	8	0	0	0	0	0	5	0	6	0
August	10.2	SW.	48	W.	1	6	5	3	5	10	24	4	5	0	11	16	4	9	7	0	0	0	1	0	2	0	5	0
September	10.5	SW.	48	S.	1	8	3	6	4	8	13	7	11	0	13	7	10	9	8	0	0	0	0	0	0	0	1	0
October	12.3	N.	50	N.	3	14	12	6	3	9	4	2	12	0	4	7	20	14	13	0	0	0	1	0	0	1	1	0
November	13.1	NW.	56	SE.	3	11	4	1	4	4	11	14	11	0	8	11	11	7	5	2	1	0	1	0	0	5	0	0
December	11.9	NW.	64	W.	3	6	4	0	4	3	11	8	26	0	13	6	12	7	5	2	2	0	0	1	0	17	0	0
Year	10.3	NW.	64	W.	17	98	58	28	63	113	127	89	154	0	130	118	117	120	99	20	15	0	11	17	7	89	22	0

PUEBLO, COLO.

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

January	8.1	NW.	48	W.	2	7	7	7	9	1	2	18	10	1	22	6	3	4	2	7	4	0	0	6	0	29	0	0
February	5.6	SE.	33	NW.	0	3	5	12	17	1	2	3	12	1	10	13	5	13	6	16	13	0	0	12	0	27	0	0
March	8.2	NW.	52	NW.	2	7	6	6	8	2	5	12	15	1	16	12	3	6	2	7	6	0	0	5	0	22	1	0
April	6.2	NW.	28	W.	0	6	9	2	15	1	7	4	15	1	14	10	6	3	1	3	1	0	0	0	0	12	0	0
May	6.9	NW.	37	W.	0	3	6	5	11	0	8	10	17	2	12	18	1	5	3	0	0	0	1	0	1	1	7	0
June	7.0	SE.	41	NW.	1	6	1	11	10	0	5	6	20	1	8	18	4	7	4	0	0	0	0	0	5	0	8	0
July	6.3	NW.	48	NW.	1	8	5	10	10	0	5	4	18	2	17	10	4	9	8	0	0	1	0	0	15	0	8	0
August	5.7	NW.	33	NW.	0	9	3	6	13	1	1	5	23	1	17	13	1	5	4	0	0	0	0	0	21	0	8	0
Septeber	5.5	E.	39	NW.	0	11	7	10	12	1	3	1	15	0	16	9	5	8	4	0	0	0	0	0	0	0	4	0
October	5.8	NW.	31	W.	0	9	6	9	13	0	7	9	8	1	15	15	1	5	2	3	2	0	0	0	0	12	0	0
November	4.6	NW.	31	NW.	0	6	5	12	12	1	2	11	11	0	16	18	6	1	1	1	1	0	1	0	0	22	0	0
December	4.7	NW.	27	NW.	0	8	9	5	1	0	1	9	29	0	11	13	7	8	6	9	8	0	0	10	0	31	1	0
Year	6.2	NW.	52	NW.	6	83	69	95	131	8	48	92	193	11	174	145	46	74	43	46	35	1	2	33	42	156	37	0

RALEIGH, N. C.

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

January	9.2	SW.	50	SW.	1	2	14	5	6	4	20	5	6	0	8	8	15	13	10	1	0	0	0	0	0	6	1	0
February	8.3	NW.	50	SW.	1	6	13	2	7	3	10	7	8	0	12	10	6	9	7	2	2	0	2	1	0	12	0	0
March	10.2	SW.	44	W.	3	3	9	5	7	10	17	4	7	0	13	5	13	13	10	0	0	0	1	0	0	5	3	0
April	8.9	SW.	30	NW.	0	10	4	4	2	5	15	8	12	0	16	4	10	8	6	0	0	0	0	0	0	0	2	0
May	7.7	SW.	38	NW.	0	3	14	8	1	7	11	13	5	0	14	10	7	11	7	0	0	1	0	0	3	0	5	0
June	7.4	SW.	33	W.	0	11	12	6	3	6	8	11	3	0	12	11	7	12	12	0	0	0	0	0	10	0	10	0
July	6.9	SW.	40	S.	1	3	5	2	5	10	11	19	7	0	8	18	5	12	11	0	0	0	0	0	15	0	12	0
August	5.9	SW.	30	S.	0	2	15	8	9	7	12	8	1	0	10	15	6	13	10	0	0	0	0	0	6	0	9	0
September	6.9	NE.	37	NE.	0	2	18	4	7	4	16	5	4	0	9	12	9	8	7	0	0	0	1	0	0	0	1	0
October	8.7	NW.	45	SW.	1	15	10	5	4	2	9	8	9	0	15	8	8	9	9	0	0	0	0	0	0	0	2	0
November	6.9	NE.	28	W.	0	7	15	2	4	2	13	11	6	0	18	6	6	5	4	0	0	0	1	0	0	4	0	0
December	7.8	NE.	35	SW.	0	9	17	2	1	1	10	12	10	0	13	7	11	10	8	1	1	0	2	0	0	8	0	0
Year	7.9	SW.	50	SW.	7	73	146	53	56	61	152	111	78	0	148	114	103	123	101	4	3	1	7	1	34	35	45	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

RAPID CITY, S. DAK.

[ϕ=44° 4′ N.; λ=103° 12′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	26.521	26.933	26.100	16.0	20.9	32.5	6.9	19.7	56	−22	6	10	67	64	0.064	0.077	0.62	0.24	3.8	3.8	5.7
February	26.607	26.893	26.241	12.2	20.2	27.1	6.2	16.6	63	−14	6	10	75	64	.060	.071	.41	.15	5.0	4.4	4.4
March	26.563	26.858	26.156	21.3	29.7	36.6	14.7	25.6	59	−15	15	17	78	62	.094	.103	1.37	.88	7.2	5.7	6.0
April	26.592	26.888	26.217	39.3	54.7	61.0	36.3	48.6	85	24	27	27	62	42	.148	.149	.39	.24	5.0	5.4	4.9
May	26.612	26.983	26.311	46.9	58.3	62.6	42.6	52.6	91	30	38	40	75	56	.243	.257	3.24	.82	6.5	7.2	6.4
June	26.573	26.947	26.195	59.4	72.3	77.8	55.4	66.6	94	46	51	54	75	56	.381	.440	3.50	2.05	4.9	6.2	5.0
July	26.651	26.936	26.258	61.5	77.1	81.3	56.2	68.8	97	46	49	51	65	43	.358	.379	.62	.21	4.1	5.8	4.8
August	26.659	26.986	26.262	63.3	82.8	87.0	59.4	73.2	99	48	49	50	61	35	.356	.367	1.12	.41	4.2	5.0	4.4
September	26.653	27.005	26.203	52.0	65.8	72.2	48.0	60.1	94	30	41	42	70	47	.278	.281	5.07	4.80	4.9	4.2	4.6
October	26.632	26.993	26.239	39.1	45.9	54.3	33.4	43.8	83	14	28	31	66	60	.153	.179	1.56	.99	6.5	5.0	6.1
November	26.580	26.976	26.075	33.7	42.2	53.9	29.1	41.5	69	17	24	28	68	58	.128	.151	.13	.10	2.4	3.9	4.2
December	26.684	27.047	26.142	25.5	29.7	42.5	20.1	31.3	59	4	16	20	67	67	.089	.108	.20	.20	2.8	3.4	3.9
Year	26.611	27.047	26.075	39.2	50.0	57.4	34.0	45.7	99	−22	29	32	69	54	.196	.214	18.32	4.80	4.8	5.0	5.0

READING, PA.

[ϕ=40° 20′ N.; λ=75° 58′ W.]

January	29.780	30.379	28.279	36.5	39.6	47.5	31.0	39.2	61	19	32	34	83	80	0.190	0.204	3.81	0.77	6.3	4.8	6.4
February	29.701	30.187	29.077	26.8	32.4	38.5	23.1	30.8	59	10	19	24	71	79	.114	.137	2.07	.75	4.9	3.0	4.9
March	29.765	30.533	29.090	42.0	46.4	54.9	35.7	45.3	77	13	35	36	76	67	.238	.244	7.19	2.38	6.8	4.5	6.7
April	29.674	30.181	29.226	48.9	55.1	61.7	44.3	53.0	81	32	39	39	69	59	.252	.263	5.86	2.43	5.7	5.6	5.9
May	29.669	30.010	29.386	56.4	63.6	71.5	50.5	61.0	90	37	47	47	71	59	.334	.350	2.85	1.68	5.8	4.6	5.7
June	29.680	30.153	29.450	67.5	73.7	82.2	60.2	71.2	95	43	57	57	69	58	.479	.489	1.21	.84	4.9	3.9	4.6
July	29.632	29.871	29.384	71.8	77.1	86.0	65.1	75.6	97	56	61	60	70	58	.547	.540	2.35	1.21	4.1	4.4	5.4
August	29.701	30.040	29.381	68.7	73.9	82.8	63.7	73.2	96	53	60	60	74	64	.523	.536	2.79	1.50	4.2	4.3	5.0
September	29.799	30.232	29.387	59.6	64.9	73.6	55.6	64.6	91	42	53	54	80	71	.435	.453	5.37	2.13	5.8	5.2	5.9
October	29.635	30.093	28.770	54.8	57.3	64.7	50.2	57.4	77	34	48	49	80	75	.362	.369	6.79	2.82	6.8	4.5	6.5
November	29.804	30.178	28.820	42.7	47.3	54.1	39.0	46.6	70	28	36	36	76	66	.220	.226	2.20	.95	7.2	4.8	6.4
December	29.698	30.062	28.916	34.3	39.4	44.4	31.2	37.8	56	16	27	30	74	70	.153	.174	3.44	1.48	6.3	4.7	6.6
Year	29.712	30.533	28.279	50.8	55.9	63.5	45.8	54.6	97	10	43	44	74	66	.321	.332	45.93	2.82	5.7	4.5	5.8

RED BLUFF, CAL.

[ϕ=40° 10′ N.; λ=122° 15′ W.]

January	29.802	30.171	29.230	38.2	49.6	51.5	35.7	43.6	72	25	31	32	77	55	0.181	0.190	5.00	1.54	4.0	4.2	4.3
February	29.661	30.088	29.216	42.3	59.2	61.0	39.8	50.4	75	30	31	32	65	37	.175	.186	.41	.39	1.7	2.6	2.2
March	29.754	30.045	29.401	43.2	60.8	62.9	41.4	52.2	82	32	34	35	72	42	.203	.212	1.94	1.27	3.8	3.9	3.9
April	29.654	29.852	29.389	49.3	66.1	67.7	48.0	57.8	86	39	38	37	68	39	.238	.232	1.86	.66	4.7	5.6	4.6
May	29.581	29.787	29.260	56.9	78.6	80.3	56.0	68.2	96	46	45	44	66	33	.304	.293	.95	.34	3.9	3.5	3.5
June	29.519	29.768	29.300	61.1	81.8	83.3	60.4	71.8	95	50	50	47	68	32	.365	.329	.54	.24	3.7	4.4	3.9
July	29.544	29.682	29.207	69.2	92.3	94.0	67.7	80.8	105	61	48	44	49	21	.343	.301	T.	T.	2.7	2.9	2.8
August	29.532	29.696	29.235	70.8	95.2	96.6	69.4	83.0	110	56	49	47	48	21	.360	.328	T.	T.	1.6	1.7	1.7
September	29.547	29.745	29.354	64.9	88.7	90.2	63.2	76.7	105	53	40	39	42	19	.253	.244	.00	.00	.6	2.0	1.7
October	29.649	29.882	29.287	58.4	78.6	80.5	55.8	68.2	98	44	32	34	38	21	.183	.199	T.	T.	1.3	2.0	2.0
November	29.685	29.932	29.432	47.4	56.4	59.0	45.8	52.4	78	33	44	46	89	69	.298	.315	5.34	2.34	5.0	6.2	6.5
December	29.749	29.971	29.262	40.1	48.7	52.1	38.5	45.3	63	31	37	40	91	75	.227	.252	9.73	2.39	4.7	6.2	6.2
Year	29.640	30.171	29.207	53.5	71.3	73.3	51.8	62.5	110	25	40	40	64	39	.261	.257	25.77	2.39	3.1	3.8	3.6

RENO, NEV.

[ϕ=39° 32′ N.; λ=119° 49′ W.]

January	25.510	25.968	25.034	22.8	36.4	41.1	18.7	29.9	60	− 1	18	22	82	57	0.103	0.122	1.46	0.85	3.8	4.5	4.3
February	25.421	25.851	25.018	23.2	43.4	46.7	22.8	34.8	61	10	22	25	82	51	.113	.137	.34	.15	2.6	4.0	3.7
March	25.484	25.807	25.089	30.1	49.7	53.5	27.8	40.6	73	16	22	24	71	38	.116	.128	.05	.05	3.6	4.6	4.0
April	25.425	25.738	25.129	36.4	55.3	59.7	33.5	46.6	77	23	26	25	66	32	.141	.136	.47	.47	3.4	5.1	4.5
May	25.435	25.574	25.197	44.1	65.9	70.5	42.5	56.5	86	27	36	36	74	35	.216	.216	1.00	.55	3.2	4.3	4.1
June	25.405	25.621	25.170	48.9	68.6	73.3	47.7	60.5	83	37	40	36	73	33	.252	.222	.74	.56	4.7	5.0	4.8
July	25.508	25.658	25.254	54.1	77.3	84.1	53.1	68.6	98	43	43	42	69	34	.292	.284	1.75	1.11	2.1	4.4	3.8
August	25.529	25.681	25.268	54.9	79.8	86.2	53.7	70.0	93	44	46	44	73	31	.318	.302	1.08	.68	1.6	4.8	3.3
September	25.505	25.653	25.344	49.2	75.9	79.9	47.2	63.6	91	32	36	36	61	24	.221	.213	.08	.08	1.3	1.2	1.1
October	25.552	25.856	25.234	38.3	63.1	67.4	35.5	51.4	80	25	27	28	65	27	.149	.156	T.	T.	1.5	2.5	2.2
November	25.465	25.712	25.170	35.6	46.5	52.6	31.4	42.0	73	20	30	31	79	57	.166	.179	1.51	.51	4.7	5.7	5.8
December	25.497	25.718	25.049	27.5	36.9	43.3	24.4	33.8	55	17	23	26	83	65	.123	.140	3.09	1.83	5.4	5.2	5.5
Year	25.478	25.968	25.018	39.0	58.2	63.2	36.5	49.9	98	− 1	31	31	73	40	.184	.186	11.57	1.83	3.2	4.3	3.9

Annual meteorological summary for the year ending December 31, 1913—Continued.

RAPID CITY, S. DAK.

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

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of winds, 8 a. m. and 8 p. m. Days with 40 miles and over.	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	7.3	W.	51	W.	1	12	3	6	7	3	4	17	10	0	8	14	9	6	4	10	6	0	2	12	0	31	0	0
February	6.4	W.	27	NW.	0	7	7	7	2	2	0	21	9	1	14	5	9	9	4	12	9	0	0	19	0	26	0	0
March	7.7	N.	37	NW.	0	16	7	3	3	2	2	11	17	1	10	10	11	11	6	13	10	0	2	13	0	28	0	0
April	9.2	N.	40	W.	1	17	3	3	9	5	2	10	9	2	11	11	8	8	3	4	4	0	2	1	0	9	0	0
May	7.0	N.	29	SE.	0	10	8	11	7	2	3	16	5	0	8	8	15	17	11	2	0	1	1	0	2	1	7	0
June	7.8	SE.	34	W.	0	12	2	5	12	10	2	12	5	0	11	11	8	12	9	0	0	2	1	0	2	0	12	0
July	7.2	W.	30	SW.	0	5	3	7	8	4	3	23	9	0	13	11	7	7	6	0	0	0	0	0	5	0	9	0
August	7.0	W.	33	NW.	0	11	1	10	5	6	3	17	9	0	15	9	7	6	5	0	0	0	0	0	14	0	8	0
September	7.4	W.	28	NW.	0	5	5	2	9	4	5	17	12	1	14	5	11	7	5	1	0	0	0	0	4	1	2	0
October	7.8	W.	31	NW.	0	7	2	2	7	2	7	17	18	0	7	13	11	9	5	6	4	0	1	1	0	15	0	0
November	5.9	W.	26	N.	0	4	0	0	7	6	2	29	9	3	14	9	7	2	1	1	1	0	2	0	0	23	0	0
December	6.0	W.	30	N.	0	8	0	2	7	4	2	31	8	0	18	5	8	4	2	5	4	0	1	4	0	30	0	0
Year	7.2	W.	51	W.	2	114	41	58	83	50	35	221	120	8	143	111	111	98	61	54	38	3	12	50	27	164	38	0

READING, PA.

[H=325 ft.; h_t=81 ft.; h_r=73 ft.; h_a=98 ft.]

January	7.1	SE.	42	NW.	1	4	1	0	24	6	9	7	10	1	9	5	17	16	14	2	2	0	1	2	0	19	0	0
February	8.6	NW.	36	NW.	0	7	1	0	9	4	7	10	18	0	13	4	11	8	5	8	3	1	0	8	0	24	1	0
March	10.0	SE.	42	NW.	2	3	1	1	14	7	13	9	14	0	8	6	17	13	9	6	1	0	1	1	0	13	3	0
April	9.1	NW.	40	NW.	1	10	7	4	11	6	3	7	12	0	8	8	14	14	10	2	0	0	0	0	0	1	5	0
May	7.2	NW.	29	N.	0	13	3	3	13	3	6	6	15	0	11	6	14	9	6	0	0	0	0	0	0	0	1	0
June	5.9	N.	40	N.	1	8	9	2	9	11	7	6	8	0	15	7	8	7	5	0	0	0	1	0	4	0	6	0
July	6.4	NW.	33	NW.	0	7	2	2	9	10	5	10	16	1	11	11	9	9	4	0	0	0	0	0	8	0	12	0
August	5.6	SE.	25	W.	0	10	4	2	20	10	6	4	5	1	10	11	10	8	5	0	0	0	0	0	3	0	8	0
September	5.2	SE.	30	SE.	0	14	4	4	15	7	4	4	7	1	9	7	14	11	9	0	0	0	2	0	1	0	5	0
October	7.6	NW.	33	SW.	0	13	2	1	21	2	3	5	14	1	8	7	16	11	9	0	0	1	2	0	0	0	3	0
November	6.7	NW.	34	NW.	0	10	3	7	5	4	10	10	7	4	10	6	14	7	7	2	1	0	2	0	0	4	0	0
December	7.4	NW.	39	NW.	0	8	4	0	4	3	8	6	27	2	4	10	17	7	5	6	2	0	0	2	0	15	0	0
Year	7.2	SE.	42	NW.	5	107	41	26	154	73	81	84	153	11	116	88	161	120	88	26	9	2	9	13	16	76	44	0

RED BLUFF, CAL.

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

January	8.1	NW.	36	N.	0	12	5	0	15	3	0	0	26	1	17	1	13	11	11	3	3	1	0	0	0	8	1	0
February	7.1	NW.	31	NW.	0	12	1	0	4	7	3	1	28	0	21	4	3	3	2	0	0	0	0	0	0	2	0	0
March	6.0	NW.	33	W.	0	8	2	0	11	12	1	2	25	1	17	6	8	6	5	0	0	0	0	0	0	0	0	0
April	6.4	SE.	24	NW.	0	5	1	2	20	6	3	3	19	1	13	10	7	6	5	0	0	0	0	0	0	0	0	0
May	6.0	SE.	31	N.	0	11	2	0	22	7	3	2	15	0	19	6	6	5	4	0	0	0	0	0	6	0	1	0
June	5.4	SE.	19	SE.	0	14	3	1	24	13	0	1	3	1	15	8	7	5	4	0	0	0	0	0	8	0	0	0
July	5.7	SE.	27	N.	0	11	1	5	24	5	2	2	11	1	20	7	4	0	0	0	0	0	0	0	22	0	0	0
August	4.8	SE.	19	N.	0	2	0	1	25	9	2	4	19	0	23	6	2	0	0	0	0	0	0	0	23	0	1	0
September	6.6	N.	32	N.	0	15	0	1	14	10	1	6	13	0	24	3	3	0	0	0	0	0	0	0	15	0	0	0
October	6.7	N.	29	N.	0	28	0	1	9	7	1	3	12	1	25	2	4	0	0	0	0	0	0	0	5	0	0	0
November	5.1	SE.	31	N.	0	12	2	1	14	13	1	2	13	2	8	5	17	13	12	0	0	0	0	0	0	0	0	0
December	4.7	NW.	32	SE.	0	14	1	1	5	14	2	5	17	3	11	3	17	15	14	0	0	0	4	0	0	4	0	0
Year	6.0	NW.	36	N.	0	144	18	13	187	106	19	31	201	11	213	61	91	64	57	3	3	1	4	0	79	14	3	0

RENO, NEV.

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

January	6.5	W.	48	W.	2	5	1	3	8	12	9	18	6	0	15	6	10	4	4	8	4	0	1	5	0	28	0	0
February	4.6	W.	26	N.	0	7	2	1	9	8	6	15	8	0	16	7	5	4	4	8	4	0	0	3	0	28	0	0
March	7.9	W.	40	W.	1	6	1	4	2	7	7	31	4	0	15	11	5	1	1	10	1	0	0	0	0	22	0	0
April	9.3	W.	46	SW.	2	2	2	4	2	6	7	36	1	0	13	8	9	1	1	5	0	0	0	0	0	10	0	0
May	7.8	W.	39	S.	0	6	1	1	6	3	12	29	2	2	14	12	5	7	5	1	0	0	0	0	0	4	3	0
June	8.2	W.	33	W.	0	3	0	2	1	3	9	39	2	1	11	12	7	7	5	0	0	0	0	0	0	0	5	0
July	7.1	W.	42	W.	1	4	0	2	4	5	13	31	2	1	16	10	5	10	7	0	0	0	0	0	7	0	11	0
August	5.8	W.	33	W.	0	0	2	0	6	3	17	31	3	0	17	11	3	5	3	0	0	0	1	0	11	0	8	0
September	6.1	W.	33	W.	0	2	5	4	4	6	6	29	4	0	23	2	0	1	1	0	0	0	0	0	2	0	2	0
October	5.7	W.	32	W.	0	2	7	10	3	1	8	28	2	1	22	7	2	0	0	0	0	0	0	0	0	9	0	0
November	5.4	W.	36	W.	0	5	6	1	10	5	7	20	6	0	10	6	14	10	7	5	3	0	1	0	0	13	0	0
December	4.1	W.	42	SW.	1	4	10	7	4	7	11	13	6	0	11	8	12	13	8	12	10	0	0	4	0	27	0	0
Year	6.5	W.	48	W.	7	46	37	39	59	66	112	320	46	5	188	100	77	63	46	49	22	0	3	12	20	141	29	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

RICHMOND, VA.

[ϕ=37° 32′ N.; λ=77° 27′ 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	30.018	30.591	28.790	41.9	47.7	57.1	36.3	46.7	75	25	38	39	85	71	0.250	0.254	2.53	1.00	6.3	4.1	6.4
February	29.937	30.455	29.358	33.4	42.3	49.7	30.4	40.0	71	14	26	28	74	57	.154	.172	1.51	.71	4.9	3.8	4.8
March	30.007	30.743	29.344	47.5	53.4	62.0	41.9	52.0	80	21	40	40	75	62	.285	.284	3.53	1.04	6.4	3.0	6.0
April	29.894	30.407	29.437	52.6	59.7	68.6	47.0	57.8	87	34	43	42	71	54	.300	.287	2.54	.88	3.6	2.9	4.3
May	29.873	30.179	29.595	62.0	67.9	78.5	54.6	66.6	92	38	51	52	70	59	.396	.405	4.80	1.78	4.8	3.9	4.1
June	29.891	30.298	29.676	70.2	75.1	84.0	63.5	73.8	97	46	61	62	73	64	.552	.572	3.78	1.72	4.5	4.5	4.4
July	29.864	30.054	29.644	74.7	79.0	89.2	68.7	79.0	97	60	66	66	76	67	.658	.658	3.65	1.42	4.1	4.4	4.4
August	29.905	30.200	29.711	71.1	74.9	84.5	66.0	75.2	94	58	65	66	82	75	.626	.647	4.59	1.84	3.3	4.3	4.2
September	29.985	30.339	29.608	64.2	69.1	78.1	59.8	69.0	89	43	59	60	82	73	.517	.542	3.20	1.32	5.7	4.2	4.8
October	29.852	30.353	29.177	55.7	60.6	69.4	51.1	60.2	81	29	50	50	81	70	.387	.397	3.95	2.66	5.1	3.5	5.1
November	30.036	30.421	28.972	42.9	50.7	61.0	39.4	50.2	80	25	35	38	76	65	.214	.251	1.49	.60	3.4	3.1	4.0
December	29.939	30.277	29.208	35.7	43.3	51.4	33.0	42.2	68	23	32	33	84	68	.183	.199	2.17	.95	4.7	3.2	4.9
Year	29.933	30.743	28.790	54.3	60.3	69.5	49.3	59.4	97	14	47	48	77	65	.377	.389	37.74	2.66	4.7	3.7	4.8

ROCHESTER, N. Y.

[ϕ=43° 8′ N.; λ=77° 42′ W.]

January	29.460	30.104	27.917	32.1	33.9	40.2	26.9	33.6	56	13	25	27	74	74	0.140	0.153	4.86	1.80	8.5	7.3	7.9
February	29.434	29.932	29.036	19.7	21.8	28.1	15.1	21.6	62	4	14	14	76	71	.085	.088	1.43	.30	8.0	6.9	7.2
March	29.462	30.163	28.850	34.3	35.5	45.5	27.0	36.2	72	1	28	26	77	67	.165	.154	5.15	1.23	8.4	5.2	7.1
April	29.479	29.953	29.162	43.0	48.2	55.7	38.9	47.3	84	27	33	34	68	60	.195	.207	2.58	.95	5.4	4.7	5.0
May	29.471	29.770	29.194	52.9	57.4	65.1	46.8	56.0	86	34	41	42	66	58	.270	.276	2.60	1.55	5.5	5.1	5.2
June	29.477	29.969	29.136	62.4	68.1	76.0	55.0	65.5	91	40	51	51	67	56	.389	.401	2.11	.87	4.4	4.2	3.7
July	29.495	29.674	29.079	67.8	72.0	81.4	60.6	71.0	95	50	57	55	69	57	.471	.456	2.08	.76	4.5	3.3	3.9
August	29.473	29.844	29.133	65.7	70.0	78.1	59.7	68.9	94	49	55	54	69	58	.443	.422	3.37	2.00	3.6	3.2	4.3
September	29.576	30.005	29.188	56.2	60.8	70.0	50.9	60.4	92	37	47	49	73	66	.341	.358	1.80	.87	5.1	3.4	4.8
October	29.429	29.852	28.531	50.7	53.6	61.6	46.6	54.1	83	30	44	45	79	75	.306	.315	2.93	.77	6.6	6.5	6.6
November	29.518	29.896	28.244	40.7	44.9	51.3	37.4	44.4	72	27	34	34	77	68	.204	.209	1.95	.95	8.1	6.3	7.6
December	29.468	29.822	28.875	31.7	33.4	39.2	26.7	33.0	56	6	26	27	80	75	.147	.149	2.49	1.12	7.2	6.5	7.7
Year	29.471	30.163	27.917	46.4	50.0	57.7	41.0	49.3	95	1	38	38	73	65	.263	.266	33.20	2.00	6.3	5.2	5.9

ROSEBURG, OREG.

[ϕ=43° 13′ N.; λ=123° 20′ W.]

January	29.612	30.096	28.905	35.6	42.3	44.1	32.7	38.4	58	17	34	35	92	76	0.194	0.208	5.76	2.28	8.4	7.2	7.0
February	29.571	29.930	29.246	34.1	47.7	48.3	32.4	40.4	65	22	33	37	94	68	.187	.227	.57	.19	5.6	4.8	6.4
March	29.597	29.983	29.128	39.6	52.0	53.6	37.6	45.6	69	26	37	38	90	62	.222	.240	2.23	.41	8.0	6.2	7.0
April	29.519	29.919	29.191	40.9	59.0	61.5	39.1	50.3	79	31	39	41	92	54	.238	.257	2.05	.56	6.4	6.2	5.1
May	29.513	29.798	29.230	46.1	67.9	69.8	45.0	57.4	88	33	44	45	91	46	.284	.300	1.50	.50	6.3	4.5	4.5
June	29.438	29.675	29.222	51.7	69.8	72.7	50.7	61.7	93	42	49	51	91	55	.354	.376	3.27	.98	5.9	6.8	5.8
July	29.510	29.756	29.249	55.7	78.4	80.0	55.0	67.5	99	47	52	54	89	46	.397	.435	.61	.52	6.1	4.1	4.2
August	29.501	29.705	29.206	56.1	80.6	82.6	54.7	68.6	97	43	52	53	88	42	.401	.418	.19	.10	3.9	2.8	2.8
September	29.498	29.758	29.250	48.6	75.3	77.4	46.5	62.0	93	38	46	48	91	40	.316	.335	1.44	.93	2.6	2.0	3.1
October	29.604	29.964	29.274	46.9	60.3	62.2	44.7	53.4	75	38	45	48	94	64	.302	.332	1.76	.87	5.4	4.2	5.5
November	29.457	29.930	29.064	44.6	50.4	52.4	42.4	47.4	62	36	42	44	91	79	.270	.287	4.79	1.05	7.7	8.5	8.0
December	29.496	29.905	28.696	38.6	43.9	46.8	36.2	41.5	59	30	37	39	93	84	.218	.239	2.36	.85	7.0	7.1	6.8
Year	29.526	30.096	28.696	44.9	60.6	62.6	43.1	52.8	99	17	42	44	91	60	.282	.304	26.53	2.28	6.1	5.4	5.5

ROSWELL, N. MEX.

[ϕ=33° 24′ N.; λ=104° 27′ W.]

January	26.398	26.668	25.810	23.3	42.9	50.4	19.2	34.8	74	−19	17	23	78	49	0.101	0.130	0.60	0.54	3.5	3.3	3.7
February	26.323	26.625	25.958	30.0	50.5	54.9	26.4	40.6	72	10	24	26	79	42	.130	.142	.55	.46	4.6	4.1	4.6
March	26.356	26.636	26.002	34.1	60.4	64.0	31.6	47.8	87	19	25	25	70	30	.137	.144	.74	.51	2.8	3.7	4.0
April	26.352	26.664	26.096	41.4	71.4	76.2	39.8	58.0	88	27	32	32	71	27	.195	.189	1.21	.88	2.4	3.1	3.1
May	26.301	26.582	26.040	52.0	82.5	86.2	50.9	68.6	97	38	41	40	67	23	.269	.256	.03	.02	2.4	4.7	3.5
June	26.344	26.487	26.098	60.5	80.7	85.0	59.7	72.4	94	55	57	57	90	49	.472	.478	4.17	1.09	5.1	5.3	4.9
July	26.394	26.591	26.077	65.2	89.4	92.7	64.2	78.4	103	58	55	49	70	26	.434	.352	.82	.41	3.1	4.5	3.3
August	26.416	26.646	26.156	65.4	86.8	91.0	64.3	77.6	97	57	55	51	70	30	.441	.381	.28	.16	3.0	5.0	4.2
September	26.404	26.646	26.127	54.6	73.8	78.9	52.5	65.7	95	38	48	46	79	42	.350	.329	2.67	.88	4.5	5.0	4.6
October	26.395	26.730	26.116	47.7	65.7	70.0	44.0	57.0	84	23	39	39	74	40	.257	.255	.85	.94	4.3	4.3	4.2
November	26.414	26.746	26.083	42.3	57.4	62.9	38.8	50.8	78	26	37	40	83	55	.228	.249	.97	.78	5.5	4.7	5.1
December	26.423	26.754	26.110	29.3	43.5	47.9	26.1	37.0	60	15	24	28	80	54	.129	.143	.88	.67	3.5	4.0	5.2
Year	26.377	26.754	25.810	45.5	67.1	71.7	43.1	57.4	103	−19	38	38	76	39	.262	.254	13.77	1.09	3.7	4.3	4.2

Annual meteorological summary for the year ending December 31, 1913—Continued.

RICHMOND, VA.

[H=144 ft.; h_t=11 ft.; h_r=3 ft.; h_a=52 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	9.6	S.	61	SW.	1	5	9	6	6	23	9	0	4	0	9	3	19	13	8	1	1	0	3	0	0	13	0	0
February	8.0	S.	52	S.	1	2	11	3	9	15	11	0	5	0	10	10	8	6	5	2	2	0	1	2	0	19	0	0
March	10.5	S.	54	S.	1	4	7	10	6	20	4	2	9	0	9	8	14	11	8	0	0	0	1	0	0	7	3	0
April	8.1	S.	32	SW.	0	10	11	7	8	12	4	2	6	0	14	5	11	7	7	0	0	0	1	0	0	0	2	0
May	7.1	S.	37	SW.	0	4	14	3	11	14	4	1	11	0	15	9	7	11	9	0	0	0	0	0	3	0	6	0
June	6.1	NE.	29	NW.	0	5	11	9	7	9	9	2	7	1	12	11	7	9	8	0	0	0	0	0	8	0	9	0
July	6.3	S.	36	SW.	0	5	10	2	11	17	11	1	5	0	12	14	5	12	9	0	0	1	0	0	15	0	15	0
August	5.7	S.	29	NE.	0	2	14	8	6	19	8	1	2	2	15	10	6	10	7	0	0	0	1	0	6	0	7	0
September	6.2	NE.	31	S.	0	6	19	4	9	13	4	3	2	0	13	9	8	9	5	0	0	0	0	0	0	0	3	0
October	8.4	NE.	49	SW.	1	4	18	3	6	6	7	3	14	1	11	10	10	13	10	0	0	0	2	0	0	2	1	0
November	6.9	S.	38	SW.	0	7	12	2	2	19	10	2	5	1	18	4	8	5	4	0	0	0	3	0	0	6	0	0
December	6.7	NE.	37	W.	0	7	14	2	5	11	10	6	5	2	14	4	13	7	4	1	1	0	3	0	0	15	0	0
Year	7.5	S.	61	SW.	4	61	150	59	86	178	91	23	75	7	152	97	116	113	84	4	4	1	15	2	32	62	46	0

ROCHESTER, N. Y.

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

January	9.7	W.	42	SW.	1	0	1	0	10	11	15	17	8	0	3	5	23	15	14	12	10	0	0	6	0	23	0	0
February	12.4	W.	41	W.	2	2	4	3	3	3	12	23	6	0	5	7	16	17	10	21	16	0	0	20	0	27	0	0
March	10.8	W.	42	W.	3	4	4	2	4	15	12	20	1	0	5	9	17	18	16	12	9	0	0	7	0	22	1	0
April	10.1	W.	37	W.	0	8	9	5	1	3	9	18	7	0	13	6	11	10	9	3	2	0	0	0	0	9	1	0
May	8.6	W.	25	NW.	0	4	2	4	6	3	8	21	14	0	10	11	10	8	6	0	0	0	0	0	0	0	1	1
June	7.8	W.	24	W.	0	10	3	7	0	2	17	14	7	0	18	6	6	8	5	0	0	0	0	1	0	7	0	0
July	8.2	W.	39	W.	0	1	4	3	0	5	17	23	8	1	16	11	4	10	8	0	0	0	0	4	0	4	0	0
August	7.7	SW.	30	W.	0	3	9	6	3	6	17	12	6	0	16	9	6	9	8	0	0	0	0	2	0	7	0	0
September	6.9	SW.	28	W.	0	2	15	6	6	4	16	9	2	0	12	9	9	8	6	0	0	2	0	0	1	3	0	0
October	7.5	S.	30	SW.	0	3	5	3	4	15	6	15	11	0	9	4	18	13	7	3	1	0	0	0	0	1	1	0
November	9.9	W.	37	W.	0	2	1	4	4	14	17	14	4	0	6	4	20	13	7	6	2	0	0	0	0	6	0	0
December	10.1	SW.	30	W.	0	1	4	0	3	4	23	18	9	0	3	9	19	11	8	12	8	0	0	6	0	20	0	0
Year	9.1	W.	42	SW.	6	40	61	43	44	85	169	204	83	1	116	90	159	140	104	69	48	2	0	39	8	108	25	0

ROSEBURG, OREG.

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

January	2.7	S.	18	SW.	0	5	5	5	13	17	7	4	4	2	1	16	14	17	14	5	4	0	0	1	0	13	0	0
February	2.0	NW.	15	N.	0	6	6	4	1	9	5	12	9	4	1	18	9	8	4	6	0	0	9	0	0	13	0	0
March	2.9	S.	20	SW.	0	7	3	5	8	12	7	7	11	2	3	11	17	18	15	3	1	1	3	0	0	7	0	0
April	3.2	S.	21	SW.	0	6	2	5	4	11	6	6	14	6	7	14	9	17	13	0	0	2	1	0	0	2	0	0
May	3.3	N.	22	SW.	0	15	5	4	1	5	3	2	19	8	10	16	5	8	7	0	0	0	0	0	0	0	0	0
June	3.1	N.	17	W.	0	17	7	7	2	4	4	4	10	5	7	13	10	16	13	0	0	0	0	0	1	0	1	0
July	3.1	N.	16	N.	0	16	13	2	3	1	3	2	17	5	10	18	3	5	3	0	0	0	0	0	5	0	0	0
August	3.4	N.	19	NW.	0	15	12	1	1	1	0	3	20	9	18	9	4	4	2	0	0	0	0	0	6	0	1	0
September	2.7	N.	23	SW.	0	10	4	2	4	7	0	2	17	11	17	8	5	6	5	0	0	0	3	0	3	0	1	0
October	2.2	S.	21	W.	0	11	6	5	5	7	6	6	13	3	4	20	7	10	6	0	0	0	8	0	0	0	1	0
November	2.9	S.	21	SE.	0	4	3	8	10	16	1	6	10	2	0	12	18	17	15	0	0	0	5	0	0	0	0	0
December	2.4	S.	20	S.	0	4	10	10	12	7	7	4	8	0	0	20	11	13	10	0	0	0	14	0	0	1	0	0
Year	2.8	NW.	23	SW.	0	116	76	58	64	97	49	53	152	60	78	175	112	139	107	8	5	3	43	1	15	36	4	0

ROSWELL, N. MEX.

[H=3,566 ft.; h_t=75 ft.; h_r=69 ft.; h_a=85 ft.]

January	5.8	N.	37	N.	0	13	13	4	3	10	6	6	7	0	17	9	5	2	2	3	2	0	0	5	0	28	0	0
February	7.1	S.	31	SW.	0	8	5	3	5	16	7	6	6	0	11	11	6	3	2	3	2	0	0	2	0	22	0	0
March	8.7	S.	38	NW.	0	9	6	0	4	19	10	5	9	0	14	13	4	3	3	0	0	0	1	0	0	13	0	0
April	6.8	S.	36	N.	0	8	8	1	6	11	11	8	7	0	17	11	2	6	4	0	0	0	0	0	0	7	4	0
May	6.3	S.	27	W.	0	8	5	2	7	14	12	7	7	0	15	16	0	2	0	0	0	0	0	0	10	0	4	0
June	5.8	S.	27	E.	0	3	2	5	10	27	9	2	2	0	11	15	4	11	10	0	0	0	0	0	9	0	7	0
July	7.5	S.	64	W.	1	6	1	9	16	13	4	6	7	0	16	14	1	4	2	0	0	0	0	24	0	3	0	0
August	6.8	S.	33	E.	0	9	4	1	16	14	6	9	3	0	10	19	2	5	2	0	0	0	0	21	0	5	0	0
September	7.3	S.	37	W.	0	13	5	4	9	9	6	7	7	0	11	12	7	8	6	0	0	0	0	2	0	3	0	0
October	6.7	S.	40	NE.	1	12	6	5	7	14	7	5	6	0	13	12	6	3	2	0	0	0	1	0	0	2	0	0
November	6.5	S.	36	W.	0	8	4	7	6	16	4	4	11	0	11	9	10	7	3	0	0	0	1	0	0	6	0	0
December	6.5	N.	40	NE.	1	19	10	4	5	5	3	5	11	0	9	13	9	6	5	3	3	0	4	0	0	25	0	0
Year	6.8	S.	64	W.	3	116	69	45	94	168	85	70	83	0	155	154	56	60	41	9	7	0	7	7	66	103	26	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

SACRAMENTO, CAL.

[ϕ=38° 35′ N.; λ=121° 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	30.098	30.481	29.621	38.9	50.7	51.9	36.4	44.2	66	26	36	40	88	67	0.212	0.248	2.52	1.06	3.6	4.0	4.0
February	29.935	30.352	29.470	43.2	58.7	59.4	40.7	50.0	70	33	38	45	84	60	.235	.302	.16	.08	1.2	2.7	2.0
March	30.051	30.317	29.680	44.4	62.0	63.5	41.8	52.6	80	33	39	44	82	52	.242	.290	1.34	.62	1.8	3.3	2.3
April	29.953	30.137	29.687	49.0	67.3	68.9	47.2	58.0	86	39	43	44	82	45	.281	.293	.53	.30	3.9	3.8	2.9
May	29.879	30.100	29.686	52.7	75.8	78.0	51.6	64.8	92	47	47	46	82	38	.327	.322	.51	.34	2.5	2.3	2.2
June	29.826	30.028	29.651	55.0	76.5	78.9	54.1	66.5	93	48	48	52	78	44	.336	.386	.11	.11	2.2	2.4	2.4
July	29.833	29.940	29.523	61.2	87.2	88.6	60.1	74.4	104	54	51	50	71	30	.372	.368	T.	T.	1.5	1.7	1.3
August	29.824	29.986	29.613	63.3	89.6	91.8	62.0	76.9	109	54	53	54	70	32	.401	.427	.01	.01	2.3	1.5	1.3
September	29.819	30.051	29.633	60.2	85.7	87.6	58.4	73.0	104	52	47	44	64	26	.325	.304	T.	T.	.3	1.1	.5
October	29.921	30.129	29.617	54.9	77.2	78.9	51.6	65.2	94	44	39	38	57	26	.241	.237	.13	.13	.3	1.9	.8
November	29.976	30.229	29.645	49.4	58.2	60.0	47.1	53.6	72	36	46	47	88	68	.312	.333	4.58	1.61	4.7	5.3	5.0
December	30.045	30.266	29.629	42.3	49.2	51.6	39.8	45.7	60	30	39	42	89	78	.244	.271	4.40	1.56	4.9	5.6	6.3
Year	29.930	30.481	29.470	51.2	69.8	71.6	49.2	60.4	109	26	44	46	78	47	.294	.315	14.29	1.61	2.4	3.0	2.6

SAGINAW, MICH.

[ϕ=43° 26′ N.; λ=83° 57′ W.]

January	29.298	29.878	28.505	24.9	27.9	33.9	19.6	26.8	53	6	22	23	90	82	0.127	0.128	1.85	0.59	8.2	7.5	7.9
February	29.308	29.693	28.852	16.2	19.9	26.7	11.2	19.0	54	—4	13	14	86	75	.083	.086	.77	.51	7.7	4.9	6.3
March	29.274	29.900	28.297	27.4	32.8	40.9	21.6	31.2	66	—4	23	26	82	75	.135	.150	2.46	.71	6.7	5.9	6.2
April	29.373	29.825	28.949	41.1	47.8	54.6	37.0	45.8	80	24	36	39	82	72	.218	.245	3.45	1.23	4.9	5.7	5.3
May	29.339	29.794	28.999	51.3	60.1	66.7	46.0	56.4	85	29	42	45	72	60	.277	.319	1.48	.83	5.9	5.5	5.2
June	29.360	29.894	29.092	63.2	72.7	80.3	55.8	68.0	98	39	53	54	71	54	.433	.461	2.56	1.11	3.2	3.5	3.8
July	29.283	29.536	28.865	66.6	73.4	81.4	58.9	70.2	94	46	58	57	74	59	.495	.483	4.75	2.34	4.8	4.4	4.7
August	29.337	29.597	29.062	64.8	71.6	79.5	59.7	69.6	95	48	58	60	80	68	.494	.535	5.96	3.97	5.5	5.0	4.7
September	29.414	29.784	28.894	55.0	61.6	71.2	49.8	60.5	95	38	50	52	83	71	.373	.401	1.73	.49	6.0	3.6	5.1
October	29.298	29.811	28.701	45.7	50.4	58.0	42.4	50.2	84	27	42	44	87	80	.285	.313	2.61	.70	6.5	5.0	6.7
November	29.362	29.739	28.599	38.2	43.4	48.7	34.5	41.6	69	20	34	37	86	79	.213	.239	2.69	1.27	5.8	6.2	7.1
December	29.384	29.683	28.759	30.1	33.2	38.9	25.5	32.2	52	1	27	29	89	85	.157	.168	.69	.33	8.0	4.8	7.2
Year	29.336	29.900	28.297	43.7	49.6	56.7	38.5	47.6	98	—4	38	40	82	72	.274	.294	31.00	3.97	6.1	5.2	5.8

ST. JOSEPH, MO.

[ϕ=39° 49′ N.; λ=94° 51′ W.]

January	29.008	29.526	28.630	23.6	29.3	37.2	18.2	27.7	60	—4	18	19	80	66	0.108	0.112	0.55	0.27	4.8	4.1	4.8
Feburary	29.048	29.457	28.580	19.5	29.2	34 9	16.8	25.8	70	—2	15	19	81	68	.091	.112	1.71	.77	5.7	4.3	5.4
March	28.976	29.467	28.036	30.5	41.1	47.7	27.3	37.5	77	—4	24	29	79	64	.141	.169	1.63	.89	6.3	4.3	5.3
April	28.960	29.286	28.472	48.0	59.9	66.5	45.0	55.8	87	34	39	39	72	51	.242	.251	4.41	2.24	4.5	4.3	4.5
May	28.932	29.327	28.610	57.9	70.3	74.8	55.0	64.9	96	38	50	53	78	56	.380	.417	4.73	1.40	6.2	4.1	5.1
June	28.966	29.398	28.617	67.5	79.9	85.6	64.8	75.2	96	46	58	59	72	52	.505	.519	1.24	.41	4.2	3.9	3.9
July	28.940	29.174	28.646	72.8	88.1	92.5	70.8	81.6	104	61	64	61	73	42	.594	.543	1.61	1.44	4.0	1.6	3.3
August	28.944	29.241	28.667	73.0	90.6	98.2	70.6	84.4	105	56	59	56	64	34	.517	.475	.47	.26	2.0	2.7	2.5
September	29.004	29.247	28.717	60.5	70.8	78.6	58.9	68.8	102	38	53	53	78	59	.420	.431	4.06	2.11	4.7	4.5	5.1
October	28.985	29.600	28.586	45.9	55.7	62.9	43.0	53.0	84	22	41	42	84	61	.292	.308	4.23	1.20	4.2	3.8	4.8
November	29.024	29.443	28.636	45.3	51.5	57.8	42.1	50.0	74	26	40	42	80	71	.265	.286	1.46	1.03	5.4	5.1	6.1
December	29.104	29.463	28.597	32.6	37.5	41.9	29.8	35.8	55	11	31	32	93	82	.187	.196	2.80	1.36	6.5	5.5	6.3
Year	28.991	29.600	28.036	48.1	58.7	64.9	45.2	55.0	105	—4	41	42	78	59	.312	.318	28.90	2.24	4.9	4.0	4.8

ST. LOUIS, MO.

[ϕ=38° 38′ N.; λ=90° 12′ W.]

January	29.460	29.971	29.027	31.7	36.5	43.7	26.0	34.8	64	7	26	29	79	74	0.151	0.173	4.34	1.34	6.1	6.0	6.6
February	29.492	29.935	28.936	26.6	35.0	39.5	24.3	31.9	69	4	20	25	74	67	.120	.146	1.20	.39	5.5	5.2	5.2
March	29.452	30.017	28.690	35.7	45.1	51.9	32.3	42.1	74	5	28	32	73	63	.163	.201	7.97	3.88	4.8	5.3	5.5
April	29.444	29.812	29.037	49.7	59.7	64.5	47.7	56.1	84	38	41	44	73	58	.264	.293	3.57	2.45	4.4	4.0	4.5
May	29.406	29.772	29.161	60.7	72.1	77.0	57.6	67.3	93	41	50	51	69	49	.377	.389	1.53	.89	5.5	4.1	4.9
June	29.433	29.849	29.219	71.8	82.5	88.7	68.2	78.4	99	47	58	56	63	44	.511	.481	1.55	.90	2.9	3.6	3.9
July	29.397	29.559	29.022	74.6	85.1	89.7	72.0	80.8	102	64	65	66	73	54	.629	.643	3.61	2.12	3.7	4.2	4.5
August	29.402	29.577	29.234	74.9	86.4	92.7	73.3	83.0	101	64	62	62	66	47	.581	.586	1.59	1.21	2.2	4.3	3.9
September	29.444	29.658	29.103	63.0	72.7	78.3	61.5	69.9	99	42	56	56	78	60	.466	.470	4.50	1.81	5.1	4.2	5.2
October	29.418	30.016	29.133	50.2	57.7	63.8	48.5	56.2	82	28	46	46	84	68	.334	.353	4.08	1.81	4.5	4.3	5.4
November	29.504	29.999	29.187	47.8	54.2	59.8	45.0	52.4	75	28	41	43	78	67	.283	.308	3.12	1.64	5.8	4.0	6.4
December	29.548	29.908	29.132	37.9	42.3	46.7	35.6	41.2	63	22	33	34	83	73	.201	.207	1.62	.94	6.5	5.8	7.1
Year	29.450	30.017	28.690	52.0	60.8	66.4	49.3	57.8	102	4	44	45	74	60	.340	.354	38.68	3.88	4.8	4.6	5.3

Annual meteorological summary for the year ending December 31, 1913—Continued.

SACRAMENTO, CAL.

[H=69 ft.; h_t=106 ft.; h_r=100 ft.; h_a=117 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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	Precipitation. 0.04 inch and over.	Snow. T. or more.	Snow. 0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	Maximum temp. 90° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Electricity. Auroras.
	Miles.		*Mi.*																									
January	9.3	SE.	38	SE.	0	18	2	4	18	5	2	0	13	0	19	1	11	10	8	2	2	2	2	0	0	7	1	0
February	7.3	N.	33	N.	0	17	8	2	14	3	1	1	10	0	22	5	1	3	2	0	0	0	2	0	0	0	0	0
March	7.3	SE.	30	S.	0	14	6	2	16	8	6	1	9	0	22	7	2	6	6	0	0	0	0	0	0	0	0	0
April	8.4	S.	31	NW.	0	6	3	4	15	15	6	1	10	0	17	9	4	4	2	0	0	0	0	0	0	0	0	0
May	8.4	S.	30	SW.	0	7	2	2	17	18	8	1	7	0	24	3	4	5	4	0	0	0	0	0	0	2	0	0
June	9.6	S.	26	S.	0	3	2	1	16	31	2	1	3	1	22	7	1	1	1	0	0	0	0	0	0	3	0	1
July	9.6	S.	27	SW.	0	0	3	1	15	31	2	1	9	0	27	3	1	0	0	0	0	0	0	0	0	13	0	0
August	8.4	S.	29	S.	0	1	2	3	21	27	1	1	6	0	26	4	1	1	0	0	0	0	0	0	0	17	0	0
September	8.0	S.	33	NW.	0	5	4	2	18	15	3	2	11	0	29	1	0	0	0	0	0	0	0	0	0	10	0	0
October	7.2	NW.	31	NW.	0	13	7	3	11	12	2	1	8	5	28	2	1	1	1	0	0	0	0	0	0	2	0	0
November	6.6	SE.	32	NW.	0	16	5	2	20	7	4	0	6	0	11	9	10	12	12	0	0	0	2	0	0	0	0	0
December	8.3	SE.	43	S.	2	10	3	7	21	5	2	1	12	1	9	5	17	11	11	0	0	0	13	0	0	2	0	0
Year	8.2	SE.	43	S.	2	110	47	33	202	177	39	11	104	7	256	56	53	54	47	2	2	2	19	0	47	9	2	0

SAGINAW, MICH.

[H=641 ft.; h_t=48 ft.; h_r=43 ft.; h_a=82 ft.]

January	7.8	S.	25	.....	0	6	3	1	8	15	12	8	9	0	2	7	22	11	9	12	6	0	0	13	0	29	0	0
February	9.4	W.	26	.....	0	7	4	3	3	8	11	13	7	0	4	13	11	6	4	17	6	0	0	21	0	28	0	0
March	10.0	SW.	42	.....	1	5	4	1	7	14	15	10	6	0	5	13	13	15	10	13	7	0	1	13	0	26	3	0
April	8.8	NW.	31	.....	0	11	8	5	4	9	6	5	12	0	9	9	12	9	8	2	0	0	1	0	0	10	4	0
May	6.4	SW.	26	.....	0	9	6	8	3	10	12	6	8	0	10	10	11	10	7	0	0	0	0	0	0	1	3	0
June	6.0	W.	24	.....	0	9	8	6	8	4	10	10	5	0	15	12	3	5	5	0	0	0	1	0	3	0	5	0
July	5.9	SW.	29	.....	0	10	2	7	5	6	13	7	11	1	11	15	5	8	7	0	0	0	0	0	5	0	4	0
August	5.6	SE.	32	.....	0	6	8	7	10	9	5	9	6	2	13	12	6	10	7	0	0	0	0	0	2	0	10	0
September	5.7	S.	20	.....	0	7	9	8	8	10	8	6	3	1	12	8	10	8	6	0	0	0	1	0	2	0	3	0
October	7.0	NW.	24	S.	0	5	8	3	6	8	8	11	13	0	3	16	12	15	10	4	3	0	3	0	0	3	2	0
November	11.1	SW.	43	NW.	1	3	5	5	3	19	13	6	6	0	6	6	18	12	10	3	2	0	2	2	0	16	0	0
December	9.6	SW.	33	NW.	0	2	3	3	2	11	15	11	15	0	5	8	18	5	3	8	4	0	2	5	0	22	0	0
Year	7.8	SW.	43	NW.	2	80	68	57	67	123	128	102	101	4	95	129	141	114	86	59	28	0	11	54	12	135	34	0

ST. JOSEPH, MO.

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

January	10.6	NW.	33	NW.	0	8	4	2	7	12	10	3	16	0	11	12	8	6	4	6	3	0	1	10	0	27	0	0
February	8.2	NW.	27	NW.	0	8	6	6	2	10	2	11	11	0	12	4	12	7	5	9	7	0	0	13	0	25	0	0
March	11.8	NW.	44	S.	2	9	1	2	5	16	8	5	16	0	14	4	13	10	6	9	3	0	1	5	0	21	4	0
April	10.8	E.	31	S.	0	6	4	16	11	10	3	2	8	0	14	5	11	8	7	1	0	1	0	0	0	0	5	0
May	8.3	S.	38	W.	0	2	10	11	12	14	3	2	6	2	11	10	10	11	11	0	0	1	0	0	3	0	7	0
June	8.0	S.	34	NW.	0	5	8	12	7	19	4	2	2	1	15	10	5	10	7	0	0	0	0	0	11	0	8	0
July	7.7	S.	39	N.	0	11	6	3	10	22	4	2	4	0	19	9	3	4	3	0	0	0	0	0	19	0	6	0
August	6.3	S.	21	SW.	0	7	7	9	12	19	4	1	0	3	21	10	0	3	2	0	0	0	0	0	29	0	6	0
September	7.2	SE.	34	NW.	0	4	5	12	19	7	2	2	8	1	12	7	11	10	8	0	0	0	2	0	8	0	5	0
October	8.1	S.	32	NW.	0	7	7	5	12	14	4	3	10	0	13	8	10	11	9	3	0	0	1	0	0	9	3	0
November	8.9	S.	35	NW.	0	5	5	9	9	14	10	1	7	0	7	10	13	7	5	1	0	0	2	0	0	6	0	0
December	6.3	E.	34	NW.	0	7	8	11	6	9	2	9	9	1	11	2	18	9	8	10	3	0	2	10	0	20	0	0
Year	8.5	S.	44	S.	2	79	71	98	112	166	56	43	97	8	160	91	114	96	75	39	16	2	9	38	70	108	44	0

ST. LOUIS, MO.

[H=568 ft.; h_t=265 ft.; h_r=258 ft.; h_a=303 ft.]

January	13.0	S.	32	W.	0	3	7	1	14	13	3	8	13	0	9	7	15	12	11	4	0	0	2	6	0	23	1	0
February	11.3	SE.	34	SW.	0	7	4	2	16	4	6	5	12	0	12	4	12	11	8	6	4	0	1	12	0	19	1	0
March	14.0	SE.	40	SW.	1	6	6	0	20	8	6	4	12	0	11	9	11	11	9	8	4	1	0	3	0	15	5	0
April	10.9	NE.	36	SE.	0	7	14	5	13	7	7	1	6	0	17	2	11	10	7	0	0	0	1	0	0	0	2	0
May	10.9	SE.	33	NW.	0	5	8	5	16	13	3	3	8	1	12	11	8	6	6	0	0	0	0	0	3	0	3	0
June	8.8	S.	35	W.	0	1	10	9	8	14	6	9	3	0	14	12	4	5	4	0	0	0	0	0	14	0	9	0
July	9.2	S.	44	S.	2	5	8	5	8	22	8	2	3	1	12	14	5	8	7	0	0	1	1	0	14	0	8	0
August	8.2	S.	30	N.	0	5	8	8	14	18	3	1	5	0	15	12	4	4	3	0	0	0	0	0	22	0	8	0
September	8.3	SE.	28	S.	0	4	11	10	17	6	3	3	5	1	13	8	9	12	11	0	0	0	0	0	7	0	5	0
October	12.4	NW.	52	S.	1	6	5	2	7	15	5	6	16	0	11	7	13	13	12	3	1	0	2	0	0	4	3	0
November	15.0	S.	42	S.	4	2	2	2	10	24	7	3	10	0	9	5	16	10	9	0	0	0	3	0	0	4	3	0
December	9.0	NW.	44	NW.	1	0	8	5	10	3	13	6	17	0	8	3	20	7	5	5	2	0	2	0	0	14	0	0
Year	10.9	SE.	52	S.	9	51	91	54	153	147	70	51	110	3	143	94	128	109	92	26	11	2	12	21	60	79	48	0

Annual meteorological summary for the year ending December 31, 1918—Continued.

ST. PAUL, MINN.

[ϕ=44° 58′ N.; λ=93° 03′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.088	29.707	28.554	11.4	15.4	23.8	3.7	13.8	45	−18	4	6	71	65	0.062	0.066	0.33	0.15	7.2	3.9	5.0
February	29.135	29.588	28.723	7.2	17.4	22.0	3.8	12.9	55	−17	2	10	76	70	.055	.077	.71	.60	3.1	3.4	4.6
March	29.031	29.541	28.382	21.3	29.7	35.9	16.2	26.0	59	−18	17	21	82	68	.105	.120	1.74	.54	6.5	6.4	5.4
April	29.122	29.514	28.635	41.1	54.5	59.2	39.1	49.2	86	30	33	35	72	50	.193	.211	1.62	.56	4.8	4.7	4.6
May	29.082	29.602	28.747	50.2	61.4	65.2	46.6	55.9	89	37	43	42	76	53	.286	.290	2.95	1.20	5.5	6.1	5.8
June	29.006	29.647	28.700	63.8	76.5	80.4	59.6	70.0	95	43	55	54	73	47	.457	.450	3.05	1.38	3.7	2.9	3.3
July	29.057	29.296	28.612	63.5	75.3	79.5	60.3	69.9	96	53	57	59	80	59	.471	.511	6.11	1.98	4.1	4.1	4.4
August	29.097	29.297	28.815	65.0	77.0	81.3	63.2	72.2	98	52	59	60	82	58	.510	.533	1.59	.95	5.0	5.0	5.1
September	29.141	29.484	28.765	53.3	64.8	69.9	51.6	60.8	96	32	48	50	82	59	.355	.379	3.34	1.64	5.7	4.4	5.2
October	29.075	29.665	28.659	39.6	49.4	55.3	36.2	45.8	84	15	35	36	83	62	.221	.238	2.03	.68	5.6	6.0	6.3
November	29.108	29.500	28.463	36.0	41.9	47.9	32.2	40.0	64	14	31	32	81	66	.184	.185	.56	.20	4.7	5.5	6.1
December	29.219	29.524	28.976	24.9	33.0	37.6	22.7	30.2	56	7	21	23	84	66	.117	.126	.02	.02	4.6	4.2	5.4
Year	29.104	29.707	28.382	39.8	49.7	54.8	36.3	45.6	98	−18	34	36	78	60	.251	.266	24.05	1.98	5.0	4.7	5.1

SALT LAKE CITY, UTAH.

[ϕ=40° 46′ N.; λ=111° 54′ W.]

January	25.661	26.147	25.230	22.9	30.3	34.2	19.6	26.9	49	−2	16	19	72	62	0.088	0.106	0.81	0.29	4.3	5.6	7.0
February	25.571	25.995	25.161	27.7	34.8	38.8	24.9	31.8	57	12	20	22	70	60	.106	.118	1.67	.60	4.3	3.9	5.2
March	25.612	25.941	25.145	32.8	43.5	46.6	29.8	38.2	73	15	24	27	69	54	.126	.149	2.50	.77	4.1	6.3	5.5
April	25.579	25.856	25.237	43.9	58.4	61.5	40.5	51.0	76	30	27	29	53	36	.149	.161	1.95	1.20	3.4	3.4	3.4
May	25.544	25.788	25.285	52.1	68.4	71.4	50.3	60.8	89	34	35	34	53	31	.209	.201	.57	.47	3.8	4.2	3.5
June	25.525	25.716	25.303	59.4	73.4	78.2	56.8	67.5	90	47	44	43	59	38	.288	.278	3.37	.88	3.7	5.2	4.1
July	25.640	25.839	25.350	64.5	80.9	84.6	62.4	73.5	97	54	49	47	58	33	.349	.335	.55	.17	3.8	4.6	3.6
August	25.663	25.839	25.374	66.9	83.5	87.1	64.6	75.8	95	58	48	46	53	30	.347	.328	.47	.21	3.5	3.8	2.9
September	25.656	25.831	25.409	55.8	69.6	73.8	53.2	63.5	87	37	43	42	63	39	.285	.284	.93	.35	4.2	3.9	3.6
October	25.690	25.959	25.313	44.1	54.3	60.0	40.7	50.4	77	31	32	33	62	46	.181	.193	1.31	.64	3.9	3.9	4.0
November	25.650	26.047	25.233	40.6	45.8	52.2	35.7	44.0	68	21	32	34	73	66	.185	.202	1.21	.33	4.6	5.4	4.9
December	25.700	25.977	25.371	27.4	32.6	37.0	24.1	30.6	48	10	22	27	78	78	.116	.144	1.35	.63	4.5	6.1	4.5
Year	25.624	26.147	25.145	44.8	56.3	60.4	41.9	51.2	97	−2	33	34	64	48	.202	.208	16.69	1.20	4.0	4.6	4.4

SAN ANTONIO, TEX.

[ϕ=29° 27′ N.; λ=98° 28′ W.]

January	29.376	29.804	28.879	45.2	56.8	62.1	42.7	52.4	77	20	39	41	79	58	0.265	0.280	0.90	0.50	5.7	5.8	5.8
February	29.315	29.647	28.749	44.6	57.6	62.1	42.0	52.0	85	30	40	43	86	63	.269	.294	1.91	.72	5.4	4.7	5.4
March	29.338	29.807	28.825	49.7	66.2	70.8	47.9	59.4	91	31	43	44	80	50	.312	.323	1.36	1.13	5.3	3.5	3.4
April	29.308	29.642	28.951	56.7	74.6	79.1	54.7	66.9	90	41	51	47	82	41	.398	.347	1.32	.79	4.4	2.7	3.3
May	29.229	29.444	29.004	66.1	82.4	87.1	64.1	75.6	95	56	62	58	87	46	.561	.498	2.88	1.90	5.5	3.1	2.9
June	29.240	29.403	29.059	71.6	82.7	88.3	70.2	79.2	95	64	68	64	89	58	.694	.617	2.90	.88	7.3	5.6	4.7
July	29.287	29.469	29.146	74.5	90.7	95.4	73.6	84.5	101	71	70	64	86	43	.734	.608	.03	.03	3.5	2.5	1.8
August	29.263	29.424	29.057	74.0	87.6	95.2	72.7	84.0	100	67	69	65	86	50	.722	.621	1.29	.92	3.9	3.6	2.7
September	29.233	29.362	28.994	67.7	77.9	85.0	66.1	75.6	99	53	64	64	89	65	.613	.613	7.21	2.48	5.5	5.3	4.4
October	29.308	29.687	29.050	59.0	70.5	77.0	56.9	67.0	91	36	55	55	87	60	.486	.487	8.86	7.08	5.1	4.0	3.6
November	29.362	29.691	29.122	59.3	68.4	74.6	57.8	66.2	81	43	56	57	91	68	.483	.484	4.55	2.95	6.8	4.6	5.5
December	29.387	29.747	29.051	46.6	55.1	59.5	45.3	52.4	78	32	43	45	87	70	.298	.326	4.47	2.20	4.8	5.3	5.9
Year	29.304	29.807	28.749	59.6	72.5	78.0	57.8	67.9	101	20	55	54	86	56	.486	.458	37.68	7.08	5.3	4.2	4.1

SAN DIEGO, CAL.

[ϕ=32° 43′ N.; λ=117° 10′ W.]

January	30.028	30.377	29.590	44.9	54.2	58.6	42.5	50.6	78	25	34	42	70	66	0.216	0.279	1.19	0.80	4.4	2.6	3.0
February	29.924	30.241	29.388	49.5	56.2	59.8	47.1	53.4	73	40	45	48	85	74	.301	.338	2.40	1.09	5.8	5.0	4.8
March	30.014	30.213	29.772	49.3	59.0	62.8	47.4	55.1	76	42	40	45	73	63	.256	.308	.42	.20	3.6	3.8	3.4
April	29.934	30.061	29.734	52.7	61.1	64.5	51.5	58.0	81	44	46	49	81	67	.319	.353	.08	.04	5.5	2.3	2.7
May	29.890	30.031	29.778	56.2	61.1	64.3	55.1	59.7	68	47	52	54	84	78	.383	.418	.07	.07	8.3	4.8	4.4
June	29.833	29.940	29.710	59.2	63.9	67.3	58.3	62.8	79	56	55	55	86	74	.432	.441	.09	.03	8.8	5.4	4.5
July	29.861	29.954	29.713	64.3	69.3	72.8	63.5	68.2	78	60	60	60	88	73	.530	.521	.06	.05	7.5	3.7	3.1
August	29.832	29.906	29.721	64.4	70.6	74.3	63.5	68.9	85	59	62	62	91	75	.551	.558	.02	.02	6.5	3.3	2.9
September	29.780	29.913	29.547	65.5	72.9	76.7	63.9	70.3	110	57	57	59	78	67	.486	.513	.02	.02	5.3	1.7	1.9
October	29.870	30.000	29.690	60.4	67.5	72.1	58.9	65.5	86	53	52	57	75	70	.394	.463	T.	T.	6.0	1.9	2.0
November	29.902	30.019	29.678	55.9	62.8	67.7	54.0	60.8	82	48	50	54	81	74	.363	.422	2.23	1.19	2.7	2.8	3.2
December	29.988	30.130	29.815	49.9	58.1	62.5	48.3	55.4	72	43	42	48	77	70	.274	.337	.72	.34	4.4	3.9	3.9
Year	29.905	30.377	29.388	56.0	63.1	67.0	54.5	60.7	110	25	50	53	81	71	.375	.413	7.30	1.19	5.7	3.4	3.3

Annual meteorological summary for the year ending December 31, 1913—Continued.

ST. PAUL, MINN.

[H=837 ft.; h_1=201 ft.; h_r=196 ft.; h_a=236 ft.]

Month.	Wind.					Number of winds, 8 a. m. and 8 p. m.									Number of days.														
	By self-register.																	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	14.0	NW.	48	W.	2	13	0	1	10	9	3	5	21	0	10	13	8	8	4	9	8	0	1	29	0	31	0	0
February	13.9	NW.	40	NW.	1	12	3	2	4	5	5	11	14	0	9	14	5	4	4	6	4	0	0	21	0	27	0	0
March	15.8	NW.	51	NW.	5	11	6	1	7	16	2	3	16	0	5	16	10	12	9	16	10	0	0	16	0	26	2	0
April	15.5	N.	46	S.	3	16	8	7	11	9	4	5	6	0	12	9	9	8	7	6	4	0	0	6	0	8	2	0
May	11.8	NW.	52	SW.	1	11	4	7	9	7	4	7	13	0	8	12	11	15	11	0	0	0	0	0	0	0	4	0
June	12.3	SW.	64	NW.	2	7	5	2	11	16	10	6	3	0	19	9	2	7	5	0	0	0	0	0	5	0	7	0
July	12.2	NW.	58	W.	6	13	4	6	8	6	8	6	11	0	14	12	5	15	11	0	0	1	0	0	3	0	13	0
August	10.9	SE.	48	N.	2	4	4	8	21	7	5	2	11	0	8	16	7	9	5	0	0	0	0	0	3	0	6	0
September	12.1	SE.	43	N.	2	11	7	9	12	11	2	1	7	0	11	8	11	11	8	0	0	0	2	0	3	1	4	0
October	13.0	N.	39	S.	0	12	1	2	11	8	10	8	10	0	7	11	13	6	6	5	1	0	1	3	0	11	2	0
November	12.8	S.	52	N.	3	8	4	2	13	12	9	3	9	0	7	9	14	8	5	2	1	0	5	1	0	15	1	0
December	9.9	N.	48	N.	2	15	1	3	9	7	10	7	10	0	11	6	14	1	0	5	0	0	0	9	0	26	0	0
Year	12.8	NW.	64	NW.	29	127	47	50	126	113	72	64	131	0	121	135	109	104	75	49	28	1	9	70	14	145	41	0

SALT LAKE CITY, UTAH.

[H=4,360 ft.; h_1=147 ft.; h_r=141 ft.; h_a=189 ft.]

January	7.8	SE.	38	SE.	0	3	2	9	19	8	5	2	14	0	5	10	16	8	7	10	8	0	3	11	0	29	1	0
February	5.0	NW.	38	N.	0	4	2	5	8	7	7	1	21	1	13	3	12	9	7	12	9	0	2	8	0	27	0	0
March	6.7	SE.	40	W.	1	2	3	4	21	12	6	2	12	0	10	12	9	8	8	11	7	0	0	3	0	18	0	0
April	9.7	NW.	44	SW.	2	6	3	1	13	13	3	3	18	0	15	11	4	6	5	4	3	0	0	0	0	3	1	0
May	7.8	NW.	31	NW.	0	5	5	2	19	6	5	1	19	0	17	10	4	4	3	1	0	1	0	0	0	0	3	0
June	8.5	S.	48	NW.	2	4	7	4	15	10	4	1	11	1	16	5	9	13	12	0	0	0	0	0	1	0	11	0
July	7.6	S.	44	NW.	3	4	2	7	17	11	4	1	16	0	15	14	2	8	4	0	0	0	0	0	0	0	12	0
August	7.0	SE.	35	E.	0	4	6	3	15	8	5	2	19	0	19	12	0	3	3	0	0	0	0	0	5	0	7	0
September	6.6	NW.	42	NW.	1	3	6	2	15	5	5	3	21	0	16	8	6	10	7	1	0	0	0	0	0	0	6	0
October	6.4	NW.	38	NW.	0	9	6	5	15	4	1	3	19	0	16	9	6	5	3	4	2	0	0	0	0	3	2	0
November	6.4	SE.	30	SW.	0	5	6	6	16	8	3	4	12	0	11	9	10	13	8	2	2	1	0	0	0	7	0	0
December	5.2	NW.	42	S.	1	6	11	8	13	4	2	4	14	0	14	9	8	11	7	10	8	0	0	7	0	28	0	0
Year	7.1	NW.	48	NW.	10	55	59	56	186	96	50	30	196	2	167	112	86	98	74	55	39	2	5	29	12	115	43	0

SAN ANTONIO, TEX.

[H=701 ft.; h_1=80 ft.; h_r=72 ft.; h_a=91 ft.]

January	6.5	N.	27	N.	0	19	6	12	5	11	0	3	6	0	9	9	13	8	4	0	0	0	2	0	0	4	0	0
February	7.1	N.	36	NW.	0	16	11	5	10	8	4	1	1	0	11	6	11	10	7	0	0	1	3	0	0	2	1	0
March	7.9	N.	32	N.	0	18	12	2	18	4	3	3	2	0	18	9	4	4	4	0	0	0	1	0	1	1	1	0
April	7.6	SE.	30	N.	0	9	8	1	26	13	1	1	0	1	16	9	5	6	5	0	0	0	3	0	0	0	3	0
May	6.4	SE.	37	N.	0	6	7	7	34	7	1	0	0	0	20	9	2	4	4	0	0	1	0	0	8	0	4	0
June	5.6	SE.	18	S.	0	0	6	15	32	4	2	0	1	0	13	10	7	12	10	0	0	0	0	0	14	0	5	0
July	6.3	S.	24	NE.	0	0	2	3	29	24	2	0	1	1	28	3	0	1	0	0	0	0	0	0	30	0	0	0
August	4.6	SE.	27	N.	0	7	8	15	24	4	2	0	1	1	23	8	0	8	5	0	0	0	0	0	30	0	9	0
September	5.7	N.	31	N.	0	17	7	12	14	5	0	2	0	3	12	11	7	13	12	0	0	0	0	0	9	0	8	0
October	6.1	SE.	36	N.	0	10	13	11	15	9	1	2	1	0	18	9	4	7	6	0	0	0	0	0	2	0	4	0
November	5.9	SE.	26	N.	0	11	5	3	30	4	4	0	2	1	11	7	12	8	6	0	0	0	1	0	0	0	2	0
December	6.0	NE.	28	NW.	0	10	22	8	8	3	0	2	9	0	12	4	15	10	9	0	0	0	1	0	0	0	1	0
Year	6.3	SE.	37	N.	0	123	107	94	245	96	20	14	24	7	191	94	80	91	72	0	0	2	10	0	94	7	38	0

SAN DIEGO, CAL.

[H=87 ft.; h_1=62 ft.; h_r=55 ft.; h_a=70 ft.]

January	5.7	NW.	32	W.	0	1	18	9	1	2	1	1	29	0	17	11	3	5	4	0	0	0	4	0	0	2	0	0
February	6.7	E.	31	S.	0	1	7	12	5	3	7	6	15	0	12	9	7	11	8	0	0	1	5	0	0	0	0	0
March	6.0	NW.	24	NW.	0	1	13	8	2	0	2	11	25	0	16	10	5	5	2	0	0	0	5	0	0	0	0	0
April	7.0	NW.	23	NW.	0	3	7	5	2	5	8	15	15	0	21	7	2	4	0	0	0	0	4	0	0	0	0	0
May	7.0	W.	25	W.	0	5	4	5	4	7	9	19	9	0	15	10	6	1	1	0	0	0	0	0	0	0	0	0
June	6.7	S.	24	NW.	0	3	3	1	5	11	14	12	10	1	11	14	5	4	0	0	0	0	1	0	0	0	0	0
July	6.6	W.	20	W.	0	8	7	1	3	5	11	17	10	0	20	11	0	2	1	0	0	0	1	0	0	0	0	0
August	6.3	NW.	23	NW.	0	6	3	2	0	4	9	14	24	0	22	7	2	1	0	0	0	0	1	0	0	0	3	0
September	6.7	NW.	24	NW.	0	7	3	5	1	7	5	10	22	0	24	6	0	1	0	0	0	0	1	0	1	0	0	0
October	5.7	NW.	22	NW.	0	5	8	5	3	4	6	8	22	1	23	8	0	0	0	0	0	0	1	0	0	0	0	0
November	5.8	NW.	30	S.	0	2	15	7	2	4	6	3	21	0	20	5	5	8	6	0	0	0	1	0	0	0	0	0
December	4.8	NW.	20	SE.	0	5	12	5	5	1	4	5	24	1	18	7	6	6	3	0	0	0	2	0	0	0	0	0
Year	6.2	NW.	32	W.	0	47	100	65	33	53	82	121	226	3	219	105	41	48	25	0	0	1	26	0	1	2	3	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

SAND KEY, FLA.

[ϕ=24° 27′ N.; λ=81° 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	30.089	30.238	29.803	73.2	73.9	75.5	70.7	73.1	78	61	67	66	80	78	0.665	0.657	1.12	0.62	3.2	3.0	3.5
February	30.010	30.194	29.831	72.3	73.6	75.2	69.8	72.5	80	61	66	66	82	79	.649	.659	2.29	2.03	4.6	1.9	3.6
March	30.041	30.197	29.867	75.1	75.6	77.2	73.0	75.1	82	67	69	69	82	82	.712	.721	.48	.17	5.0	2.8	3.9
April	29.995	30.131	29.810	73.6	73.8	75.4	71.4	73.4	81	68	62	63	69	70	.572	.585	.25	.17	4.1	4.2	4.4
May	29.973	30.099	29.878	76.0	76.8	78.9	74.4	76.6	84	68	68	68	76	75	.686	.690	2.47	1.44	4.4	4.1	4.2
June	29.972	30.074	29.899	79.6	79.8	82.0	76.3	79.2	87	68	72	72	77	76	.774	.774	3.43	1.84	5.1	5.9	4.9
July	30.023	30.110	29.914	81.1	81.5	83.1	78.3	80.7	88	69	74	73	78	76	.825	.821	1.95	1.23	5.1	3.5	4.1
August	29.963	30.082	29.845	81.4	81.4	83.5	78.0	80.8	88	70	74	75	77	75	.824	.805	3.56	.88	6.5	5.1	5.4
September	29.918	30.041	29.837	80.8	81.3	82.7	77.1	79.9	86	72	73	73	78	77	.816	.822	4.41	1.93	5.3	4.1	5.0
October	29.944	30.099	29.845	77.7	78.3	80.2	75.2	77.7	86	68	69	69	75	73	.711	.709	4.88	2.69	5.5	3.5	3.9
November	30.018	30.180	29.747	72.9	73.9	75.4	70.3	72.8	79	61	66	66	78	77	.643	.650	1.34	.93	5.6	5.2	5.1
December	30.006	30.184	29.843	71.1	71.9	73.9	68.6	71.2	77	62	64	64	79	76	.605	.596	1.58	1.21	5.7	3.4	5.1
Year	29.996	30.238	29.747	76.2	76.8	78.6	73.6	76.1	88	61	69	68	78	76	.707	.707	27.76	2.69	5.0	3 9	4 4

SANDUSKY, OHIO.

[ϕ=41° 25′ N.; λ=82° 40′ W.]

January	29.357	29.984	28.494	32.2	34.2	41.8	26.8	34.3	58	11	28	29	83	81	0.161	0.166	6.10	1.03	7.5	8.0	8.3
February	29.364	29.808	28.841	20.9	25.3	31.2	17.3	24.2	62	2	17	18	83	71	.105	.105	2.07	.82	7.2	4.9	6.5
March	29.351	29.961	28.622	33.3	38.3	46.7	27.8	37.2	72	3	27	30	78	72	.166	.184	8.69	2.96	6.4	6.6	6.4
April	29.384	29.870	29.092	46.4	49.7	55.8	41.3	48.6	81	33	36	38	69	66	.223	.239	2.10	.50	5.3	5.7	5.6
May	29.368	29.762	29.082	56.0	60.2	67.1	50.2	58.6	86	37	46	47	72	64	.327	.331	4.69	1.94	5.5	6.0	5.9
June	29.394	29.901	29.152	66.6	71.8	78.8	60.2	69.5	97	46	54	56	66	59	.446	.479	1.54	.33	3.6	4.3	3.8
July	29.318	29.542	28.919	71.6	75.1	82.0	65.6	73.8	95	54	62	61	72	62	.569	.546	2.19	.84	4.6	4.2	4.9
August	29.357	29.573	29.122	69.5	74.8	81.3	64.7	73.0	93	55	60	61	72	63	.521	.548	5.42	2.27	4.9	5.4	4.8
September	29.439	29.751	29.003	59.7	64.8	71.8	55.2	63.5	94	36	51	53	74	67	.401	.423	2.18	.66	6.0	4.4	5.8
October	29.322	29.848	28.668	50.5	54.5	60.6	47.0	53.8	84	29	45	46	81	76	.311	.335	2.37	.70	7.6	6.6	7.4
November	29.425	29.866	28.447	41.2	45.9	51.5	38.5	45.0	73	21	36	39	82	78	.225	.254	2.25	.82	7.5	5.9	7.1
December	29.421	29.743	28.784	33.1	35.6	40.8	29.6	35.2	57	16	29	29	85	77	.168	.169	0.83	.33	6.9	5.9	7.7
Year	29.375	29.984	28.447	48.4	52.5	59.1	43.7	51.4	97	2	41	42	76	70	.302	.315	40.43	2.96	6.1	5.7	6.2

SAN FRANCISCO, CAL.

[ϕ=37° 48′ N.; λ=122° 26′ W.]

January	29.990	30.343	29.469	43.9	50.9	53.6	41.3	47.4	68	33	38	38	81	63	0.238	0.237	3.84	1.13	4.2	3.8	4.2
February	29.842	30.251	29.392	47.6	55.6	58.5	46.2	52.4	70	41	40	40	78	58	.258	.253	.43	.29	3.7	3.3	3.6
March	29.700	30.228	29.633	46.9	55.0	59 9	45 4	52.6	77	40	41	41	80	62	.260	.265	1.47	.67	2.7	3.8	3.4
April	29.889	30.034	29.647	50.2	57.1	62.0	48.9	55.4	85	45	43	43	78	61	.295	.279	.60	.22	4.2	3.6	2.9
May	29.835	30.031	29.658	51.9	57.7	62.6	50.5	56.6	78	48	46	48	83	70	.318	.331	.63	.26	5.9	3.3	4.0
June	29.797	29.981	29.600	53.5	60.3	63.8	52.5	58.2	73	50	50	51	88	71	.360	.371	.02	.01	6.0	3.9	4.1
July	29.808	29.916	29.552	55.4	62.7	66.9	54.2	60.6	90	50	52	51	87	69	.382	.382	.07	.06	5.8	2.5	3.6
August	29.791	29.939	29.606	57.3	63.6	68.5	55.7	62.1	86	52	53	54	87	72	.407	.417	.01	.01	5.0	2.8	3.4
September	29.768	29.946	29.562	59.4	66.3	72.8	56.3	64.6	101	52	54	55	85	69	.423	.436	0	0	2.6	1.4	1.8
October	29.853	30.043	29.608	55.5	63.4	70.0	53.0	61.5	90	48	49	49	82	64	.355	.353	.35	.35	1.8	2.6	1.8
November	29.876	30.121	29.511	52.5	56.8	59.9	50.6	55.2	72	46	50	50	90	78	.358	.360	6.22	2.21	6.3	6.0	5.8
December	29.928	30.141	29.598	48.0	52.7	55.3	45.8	50.6	66	41	44	46	88	80	.294	.317	5.41	1.14	5.5	6.2	6.0
Year	29.840	30.343	29.392	51.8	58.5	62.8	50.0	56.4	101	33	47	47	84	68	.328	.333	19.05	2.21	4.5	3.6	3.7

SAN JOSE, CAL.

[ϕ=37° 20′ N.; λ=121° 54′ W.]

January	30.013	30.394	29.546	.....	52.3	54.8	35.6	45.2	70	25	....	38	....	62	.....	0.244	2.29	0.95	.....	3.9	4.1
February	29.861	30.288	29.442	.....	58.5	60.7	39.6	50.2	71	31	....	40	....	54	.....	.262	.09	.04	.....	3.1	4.0
March	29.975	30.271	29.670	.....	60.6	64.5	39.5	52.0	80	31	....	42	....	52	.....	.273	1.17	.55	.....	3.2	3.6
April	29.905	30.077	29.717	.....	64.0	68.3	43.4	55.8	87	34	....	44	....	51	.....	.294	.38	.18	.....	3.3	3.5
May	29.851	30.056	29.701	.....	67.5	72.8	47.3	60.0	89	36	....	51	....	56	.....	.373	.77	.67	.....	2.3	3.0
June	29.822	29.988	29.672	.....	70.2	74.5	51.0	62.8	87	42	....	52	....	52	.....	.386	.01	.01	.....	2.2	3.3
July	29.826	29.921	29.578	.....	76.9	81.5	54.7	68.1	103	46	....	55	....	49	.....	.437	.09	.08	.....	1.2	1.8
August	29.817	29.992	29.643	.....	77.0	82.5	55.0	68.8	102	46	....	56	....	51	.....	.461	.08	.08	.....	1.5	2.3
September	29.791	29.969	29.616	.....	77.9	82.9	52.7	67.8	103	45	....	54	....	46	.....	.419	T.	T.	.....	.7	1.4
October	29.869	30.054	29.644	.....	71.1	78.1	45.6	61.8	93	36	....	45	....	43	.....	.311	.02	.02	.....	1.6	1.6
November	29.907	30.148	29.542	.....	58.4	62.2	46.3	54.2	78	32	....	49	....	71	.....	.350	4.10	1.73	.....	5.8	6.2
December	29.955	30.114	29.714	.....	53.6	57.5	39.8	48.6	67	31	....	44	....	71	.....	.289	3.00	.81	.....	6.1	5.6
Year	29.883	30.394	29.442	.....	65.7	70.0	45.9	57.9	103	25	....	48	....	55	.....	.342	12.00	1.73	.....	2.9	3.4

Annual meteorological summary for the year ending December 31, 1913—Continued.

SAND KEY, FLA.

[H=23 ft.; hJ=39 ft.; h_t=6 ft.; h_a=72 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	18.6	E.	44	NW.	2	1	18	28	8	1	0	1	5	0	19	12	0	10	6	0	0	0	0	0	0	0	3	0
February	14.3	SE.	42	N.	1	6	16	11	12	7	1	1	1	1	17	7	4	6	5	0	0	0	0	0	0	0	2	0
March	16.5	E.	42	SE.	1	9	11	20	15	2	1	1	3	0	15	12	4	7	6	0	0	0	0	0	0	0	1	0
April	17.9	E.	47	NE.	2	7	15	18	5	0	2	3	10	0	12	15	3	5	2	0	0	0	0	0	0	0	5	0
May	12.3	E.	30	NE.	0	4	10	25	9	3	3	2	6	0	15	11	5	4	4	0	0	0	0	0	0	0	5	0
June	11.0	SE.	44	SE.	1	2	4	24	24	5	0	0	1	0	14	8	8	6	5	0	0	0	0	0	0	0	6	0
July	11.9	E.	37	NE.	0	1	3	36	11	4	5	0	1	1	15	15	1	9	5	0	0	0	0	0	0	0	11	0
August	12.5	E.	43	SW.	3	5	2	26	12	4	6	6	1	0	12	11	8	14	10	0	0	0	0	0	0	0	13	0
September	13.5	E.	34	NE.	0	2	6	37	10	3	1	0	1	0	11	13	6	18	12	0	0	0	0	0	0	0	7	0
October	11.4	NE.	38	SE.	0	5	25	13	7	3	2	3	4	0	20	5	6	11	9	0	0	0	0	0	0	0	3	0
November	19.5	NE.	47	NW.	1	2	33	19	3	0	0	0	3	0	12	10	8	8	5	0	0	0	0	0	0	0	0	0
December	13.6	NE.	42	NW.	1	10	15	11	11	6	3	0	4	2	4	24	3	6	6	0	0	0	0	0	0	0	0	0
Year	14.4	E.	47	NW.	12	54	158	268	127	38	24	17	40	4	166	143	56	104	75	0	0	0	0	0	0	0	56	0

SANDUSKY, OHIO.

[H=629 ft.; hJ=62 ft.; h_r=54 ft.; H_a=70 ft.]

January	9.4	SW.	37	W.	0	3	3	1	7	6	25	8	9	0	3	4	24	16	16	11	7	0	1	5	0	24	2	0
February	9.7	SW.	35	W.	0	7	3	2	6	2	19	14	3	0	8	6	14	8	6	14	6	0	0	16	0	26	0	0
March	10.9	SW.	39	SW.	0	2	4	3	8	10	15	14	6	0	8	7	16	16	11	13	8	0	0	7	0	21	2	0
April	10.3	NE.	32	N.	0	12	12	7	4	3	13	4	5	0	9	9	12	10	8	0	0	0	0	0	0	0	2	0
May	7.4	SW.	25	NW.	0	3	9	12	7	5	10	12	4	0	6	12	13	11	8	0	0	0	0	0	0	0	5	0
June	7.2	NE.	34	NW.	0	5	10	12	4	5	11	11	2	0	16	8	6	11	7	0	0	0	0	0	0	8	0	0
July	7.4	SW.	36	NW.	0	7	0	13	3	8	19	6	5	1	8	18	5	14	11	0	0	1	0	0	0	5	0	0
August	7.4	NE.	33	NW.	0	0	9	16	5	7	14	7	3	1	11	11	9	8	8	0	0	0	0	0	0	1	0	0
September	7.7	S.	27	NW.	0	5	11	13	5	13	10	2	1	0	9	6	15	10	6	0	0	0	0	0	0	3	0	0
October	7.9	SW.	40	NW.	1	8	1	3	9	13	16	7	5	0	4	8	19	14	11	4	3	0	0	0	0	2	3	0
November	9.3	SW.	53	NW.	2	2	2	8	5	10	18	10	5	0	7	3	20	16	14	3	2	0	1	2	0	9	0	0
December	8.4	SW.	40	NW.	1	5	5	3	3	2	25	13	6	0	5	4	22	7	6	7	4	0	1	5	0	20	0	0
Year	8.6	SW.	53	NW.	4	59	69	93	66	84	195	108	54	2	94	96	175	141	112	52	30	1	3	35	17	102	47	0

SAN FRANCISCO, CAL.

[H=155 ft.; h_t=200 ft.; H_r=191 ft.; h_a=204 ft.]

January	7.3	NE.	41	NE.	1	11	11	2	5	7	4	14	7	1	14	7	10	10	10	1	1	1	3	0	0	0	1	0
February	5.2	NW.	40	NE.	1	12	3	1	3	6	3	18	9	1	14	9	5	4	4	0	0	0	2	0	0	0	0	0
March	6.7	W.	30	W.	0	2	1	2	2	1	5	32	17	0	18	7	6	8	5	0	0	1	1	0	0	0	0	0
April	8.1	W.	27	W.	0	3	1	1	1	7	6	33	8	0	17	10	3	6	3	0	0	0	1	0	0	0	0	0
May	10.4	W.	33	SW.	0	0	0	1	1	6	16	31	6	1	15	10	6	4	4	0	0	0	0	0	0	0	0	0
June	11.2	W.	31	W.	0	0	1	0	0	1	14	34	7	3	14	10	6	2	0	0	0	0	0	0	0	0	0	0
July	11.0	W.	35	SW.	0	0	0	0	0	0	17	42	3	0	16	9	6	2	1	0	0	0	0	0	1	0	0	0
August	11.5	W.	37	SW.	0	0	0	0	0	0	13	45	4	0	18	9	4	1	0	0	0	0	1	0	0	0	0	0
September	8.7	W.	31	W.	0	1	1	0	1	0	11	41	2	3	24	5	1	0	0	0	0	0	2	0	3	0	0	0
October	6.7	W.	32	W.	0	0	2	0	1	2	6	46	5	0	25	5	1	1	1	0	0	0	3	0	1	0	0	0
November	6.4	W.	28	SE.	0	10	5	2	3	8	5	16	10	1	9	6	15	15	12	0	0	0	1	0	0	0	0	0
December	6.8	N.	42	SW.	2	12	9	2	2	10	5	14	8	0	10	6	15	12	11	0	0	0	2	0	0	0	0	0
Year	8.3	W.	42	SW.	4	51	34	11	19	48	105	366	86	10	194	93	78	65	51	1	1	2	16	0	5	0	1	0

SAN JOSE, CAL.

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

January	5.4	SE.	31	NW.	0	2	0	0	7	0	0	7	15	0	17	3	11	8	6	0	0	0	3	0	0	16	0	0
February	4.7	NW.	24	N.	0	0	2	0	0	1	2	3	20	0	11	14	3	4	1	0	0	0	6	0	0	3	0	0
March	3.9	NW.	19	NW.	0	0	0	0	0	2	2	1	3	23	0	17	8	6	7	5	0	0	0	2	0	0	2	0
April	7.2	NW.	25	S.	0	0	0	0	0	3	2	3	22	0	17	9	4	5	2	0	0	0	2	0	0	0	0	0
May	6.8	NW.	25	SW.	0	0	0	0	0	1	2	1	27	0	22	6	3	4	3	0	0	0	0	0	0	0	0	0
June	7.0	NW.	26	NW.	0	0	0	0	0	0	1	2	27	0	14	13	3	1	0	0	0	0	0	0	0	0	1	0
July	6.6	NW.	24	NW.	0	0	0	0	0	0	0	1	30	0	24	6	1	2	1	0	0	0	0	0	0	3	0	0
August	5.9	NW.	23	SW.	0	0	0	0	0	2	1	0	4	24	0	26	3	2	1	1	0	0	0	0	5	0	0	0
September	5.9	NW.	27	SW.	0	0	0	0	0	0	1	2	1	26	0	27	3	0	0	0	0	0	1	0	6	0	0	0
October	5.0	NW.	32	SW.	0	0	0	0	0	1	0	3	5	22	0	24	6	1	1	0	0	0	0	4	0	2	0	0
November	5.6	SE.	30	W.	0	2	0	0	0	5	2	4	3	14	0	6	10	14	15	12	0	0	0	6	0	0	2	0
December	6.6	SE.	36	SE.	0	1	1	0	9	0	0	10	10	0	9	9	13	13	10	0	0	0	1	3	0	0	3	0
Year	5.9	NW.	36	SE.	0	5	3	0	26	11	17	43	260	0	214	90	61	61	41	0	0	1	27	0	16	20	1	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

SAN JUAN, P. R.

[ϕ=18° 29′ N.; λ=66° 7′ 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	29.979	30.092	29.926	75.1	.....	79.3	69.8	74.6	81	67	68	....	80	....	0.688	.....	4.13	0.53	5.0	.....	6.2
February	29.974	30.105	29.899	73.5	.....	79.3	68.2	73.8	82	65	68	....	82	....	.675	.....	2.16	.86	3.6	.....	4.1
March	30.011	30.126	29.983	74.5	.....	79.2	69.1	74.2	83	67	69	....	84	....	.712	.....	7.18	2.04	6.4	.....	5.6
April	29.909	30.018	29.841	76.1	.....	80.5	69.9	75.2	86	66	69	....	80	....	.713	.....	6.02	3.28	4.6	.....	5.0
May	29.905	30.027	29.844	77.7	.....	80.7	71.6	76.2	86	69	72	....	83	....	.782	.....	7.26	2.69	5.7	.....	6.2
June	29.959	30.032	29.919	80.1	.....	82.4	73.1	77.8	85	70	74	....	83	....	.847	.....	4.80	1.31	4.4	.....	5.4
July	29.973	30.035	29.941	80.5	.....	83.8	73.9	78.8	90	71	74	....	82	....	.845	.....	2.64	.63	4.6	.....	5.7
August	29.935	30.045	29.867	81.6	.....	84.3	73.8	79.0	89	69	74	....	78	....	.835	.....	5.11	1.43	3.1	.....	4.7
September	29.871	29.974	29.780	81.0	.....	84.9	74.6	79.8	91	72	74	....	78	....	.824	.....	5.91	1.48	3.3	.....	5.2
October	29.874	29.993	29.815	79.4	.....	83.9	72.8	78.4	90	69	72	....	80	....	.798	.....	7.17	1.65	3.5	.....	5.7
November	29.872	29.959	29.830	78.9	.....	82.0	72.6	77.3	87	66	71	....	77	....	.760	.....	3.51	.90	3.5	.....	4.6
December	29.909	30.025	29.811	74.4	.....	80.2	69.7	75.0	82	66	70	....	85	....	.721	.....	4.00	1.21	4.3	.....	4.7
Year	29.931	30.126	29.780	77.7	.....	81.7	71.6	76.7	91	65	71	....	81	....	.767	.....	59.89	3.28	4.3	.....	5.3

SAN LUIS OBISPO, CAL.

[ϕ=35° 18′ N; λ=120°39′ W.]

January	29.943	30.322	29.605	42.3	55.2	58.8	38.5	48.6	77	20	34	36	74	54	0.205	0.234	3.48	1.76	3.4	3.7	4.3
February	29.794	30.152	29.346	44.4	57.6	60.9	41.0	51.0	79	32	38	43	80	61	.233	.281	1.66	.99	3.7	5.2	5.6
March	29.925	30.153	29.587	45.6	59.0	64.9	41.7	53.3	82	35	39	42	78	56	.240	.272	.96	.38	2.9	3.2	3.8
April	29.849	30.022	29.635	45.9	59.9	65.4	42.9	54.2	84	32	41	45	82	61	.256	.306	.52	.33	2.5	3.6	4.1
May	29.812	29.987	29.654	49.5	61.5	68.3	47.1	57.7	85	34	45	49	85	64	.303	.347	.30	.24	5.3	2.6	3.7
June	29.759	29.876	29.607	54.5	64.9	71.7	51.5	61.6	91	44	48	50	81	60	.334	.363	.59	.59	4.6	2.9	4.3
July	29.777	29.886	29.587	57.4	71.9	77.7	54.7	66.2	96	49	52	53	84	53	.395	.406	T.	T.	5.5	1.9	3.3
August	29.760	29.900	29.607	55.1	73.3	79.0	53.6	66.3	91	44	52	55	87	54	.384	.434	.91	.85	3.3	2.2	3.4
September	29.723	29.873	29.520	56.0	72.8	81.1	53.0	67.0	109	45	50	52	81	52	.360	.392	.07	.05	3.1	1.5	2.6
October	29.807	29.931	29.571	52.1	68.1	76.0	48.6	62.3	95	40	42	46	74	50	.279	.318	0	0	2.6	2.0	3.3
November	29.835	30.020	29.542	50.9	61.2	65.3	48.1	56.7	86	36	45	48	82	65	.309	.345	3.97	1.39	3.8	4.2	5.4
December	29.913	30.060	29.691	44.0	56.1	59.6	40.8	50.2	76	31	39	45	83	70	.244	.305	5 73	1.57	2.7	5.4	6.1
Year	29.825	30.322	29.346	49.8	63.5	69.1	46.8	57.9	109	20	44	47	81	58	.295	.334	18.19	1.76	3.6	3.2	4.2

SANTA FE, N. MEX.

[ϕ=35° 41′ N.; λ=105° 57′ W.]

January	23.185	23.457	22.593	18.8	26.7	35.5	14.1	24.8	49	−12	10	15	66	60	0.067	0.083	0.57	0.30	3.2	3.5	3.8
February	23.109	23.397	22.803	22.7	32.4	38.9	19.5	29.2	50	5	15	20	71	61	.085	.109	1.15	.38	4.6	6.1	5.2
March	23.176	23.394	22.828	28.1	41.8	46.5	25.6	36.0	69	10	17	17	62	39	.094	.095	.87	.47	4.7	4.5	4.7
April	23.231	23.461	22.938	38.3	54.4	59.3	35.1	47.2	69	20	22	18	53	28	.121	.102	1.32	.71	2.9	4.4	3.9
May	23.249	23.462	22.966	49.7	66.3	70.8	46.4	58.6	79	36	28	23	43	20	.158	.128	.17	.12	2.6	4.7	3.7
June	23.300	23.420	23.115	55.4	67.7	74.2	51.4	62.8	82	40	42	38	63	40	.274	.242	4.26	1.24	2.9	6.5	4.5
July	23.390	23.539	23.175	60.9	74.9	81.6	57.7	69.6	90	52	44	42	57	37	.299	.288	1.12	.51	2.4	6.7	4.3
August	23.413	23.620	23.206	59.1	71.9	79.8	57.3	68.6	87	54	48	47	66	44	.331	.330	1.07	.41	2.4	6.6	4.9
September	23.335	23.536	23.049	47.2	62.2	68.8	45.7	57.2	81	32	38	38	72	45	.238	.239	1.54	.68	3.3	5.3	4.4
October	23.285	23.544	23.037	39.3	52.0	59.4	36.2	47.8	70	19	26	28	58	40	.144	.155	.42	.20	2.6	3.5	2.9
November	23.276	23.570	22.929	35.7	43.2	52.1	32.8	42.4	63	26	28	32	74	67	.154	.185	1.75	.58	3.1	4.8	4.7
December	23.211	23.497	22.916	20.9	26.4	35.3	17.5	26.4	47	6	14	20	71	74	.080	.104	.77	.24	2.8	4.5	4.4
Year	23.263	23.620	22.593	39.7	51.7	58.5	36.6	47.6	90	−12	28	28	63	46	.170	.172	15.01	1.24	3.1	5.1	4.3

SAULT STE. MARIE, MICH.

[ϕ=46° 30′ N.; λ=84° 21′ W.]

January	29.272	29.837	28.533	16.1	19.5	25.5	9.9	17.7	44	− 9	13	17	85	88	0.083	0.097	1.31	0.26	8.0	8.4	8.6
Febrtiary	29.288	29.754	28.895	1.5	10.4	17.1	−3.8	6.6	34	−20	−1	7	87	86	.044	.059	1.23	.26	6.7	5.4	6.6
March	29.249	29.868	28.335	15.7	22.5	29.9	9.9	19.9	52	−20	13	18	87	81	.092	.105	3.51	.71	7.6	6.3	7.2
April	29.404	29.880	29.019	35.7	41.1	49.0	29.8	39.4	76	21	30	30	78	64	.169	.171	1.67	.48	4.4	5.1	4.9
May	29.358	29.806	28.989	44.2	49.4	57.6	37.2	47.4	82	28	38	36	79	64	.234	.224	1.85	.57	6.5	6.6	6.2
June	29.360	29.906	29.003	55.5	62.5	70.7	46.6	58.6	91	35	49	49	81	64	.363	.372	3.16	.91	5.4	3.5	5.1
July	29.270	29.568	28.735	58.3	63.0	71.6	51.3	61.4	86	44	54	52	84	69	.417	.398	5.04	1.88	6.6	5.0	5.5
August	29.338	29.719	28.787	59.1	64.4	72.5	53.8	63.2	89	41	55	55	86	73	.439	.443	5.24	1.06	5.9	6.1	5.9
September	29.417	29.877	28.762	50.9	54.8	64.2	46.1	55.2	82	32	47	48	87	80	.334	.351	2.36	1.23	5.2	4.5	5.8
October	29.297	29.718	28.762	41.9	45.7	52.0	38.7	45.4	76	18	38	39	86	77	.248	.254	2.51	.58	7.1	7.2	7.8
November	29.320	29.798	28.727	34.4	37.0	42.4	30.7	36.6	63	16	31	31	86	80	.179	.184	2.16	.26	8.9	7.6	9.0
December	29.354	29.708	28.830	26.2	28.4	33.8	21.0	27.4	44	− 2	23	23	85	80	.128	.131	.45	.17	6.6	6.9	7.4
Year	29.327	29.906	28.335	36.6	41.6	48.9	30.9	39.9	91	−20	32	34	84	76	.228	.232	30.49	1.88	6.6	6.0	6.7

Annual meteorological summary for the year ending December 31, 1913—Continued.

SAN JUAN, P. R.

[H=82 ft.; h_1=9 ft.; h_2=4 ft.; h_3=54 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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	18.6	E.	44	E.	5	0	7	15	8	0	1	0	0	0	3	19	9	28	19	0	0	0	0	0	0	0	0	0
February	11.5	E.	35	E.	0	0	1	6	14	5	2	0	0	0	11	14	3	15	11	0	0	0	0	0	0	0	0	0
March	17.8	E.	40	E.	1	0	2	24	5	0	0	0	0	0	4	22	5	29	24	0	0	0	0	0	0	0	1	0
April	13.0	NE.	36	E.	0	0	8	12	7	2	1	0	0	0	10	14	6	18	14	0	0	0	0	0	0	0	0	0
May	12.7	NE.	33	NE.	0	3	7	13	2	2	3	0	1	0	8	8	15	21	17	0	0	0	0	0	0	0	4	0
June	14.1	E.	36	E.	0	0	7	23	0	0	0	0	0	0	6	20	4	19	17	0	0	0	0	0	0	0	7	0
July	14.0	E.	34	E.	0	0	1	26	4	0	0	0	0	0	6	15	10	18	10	0	0	0	0	0	0	0	6	0
August	13.2	E.	38	NE.	0	0	1	26	4	0	0	0	0	0	9	18	4	17	10	0	0	0	0	0	0	0	7	0
September	9.0	SE.	34	E.	0	0	2	14	10	3	0	1	0	0	7	17	6	17	13	0	0	0	0	0	2	0	10	0
October	7.6	SE.	34	E.	0	0	2	9	8	8	4	0	0	0	9	13	9	19	18	0	0	0	0	0	0	0	16	0
November	13.6	NE.	40	NE.	1	0	9	6	10	3	2	0	0	0	7	18	5	23	16	0	0	0	0	0	0	0	2	0
December	9.8	E.	35	NE.	0	0	3	2	11	12	3	0	0	0	11	15	5	21	15	0	0	0	0	0	0	0	0	0
Year	12.9	E.	44	E.	7	3	50	176	83	35	16	1	1	0	91	193	81	245	184	0	0	0	0	0	2	0	53	0

SAN LUIS OBISPO, CAL.

[H=201 ft.; h_1=47 ft.; h_2=40 ft.; h_3=54 ft.]

January	5.3	N.	33	SE.	0	15	10	1	4	6	4	8	13	1	16	4	11	7	7	0	0	0	2	0	0	5	0	0
February	4.5	N.	24	W.	0	18	1	1	4	4	2	10	13	3	9	8	11	7	5	0	0	0	4	0	0	0	0	0
March	5.7	N.	23	W.	0	15	2	1	2	4	2	19	14	3	18	4	9	6	4	0	0	0	2	0	0	0	0	0
April	6.1	NW.	25	W.	0	13	3	0	5	3	4	17	15	0	15	7	8	5	4	0	0	0	5	0	0	0	0	0
May	6.3	NW.	25	W.	0	8	1	0	4	9	5	17	16	2	14	13	4	3	2	0	0	0	4	0	0	0	0	0
June	6.7	NW.	25	NW.	0	9	2	0	2	2	3	23	18	1	12	10	8	1	1	0	0	0	5	0	1	0	0	0
July	4.9	NW.	20	NW.	0	12	1	0	1	7	9	7	24	1	18	10	3	0	0	0	0	0	2	0	3	0	0	0
August	4.5	NW.	22	NW.	0	11	0	0	5	7	6	17	11	5	20	7	4	2	2	0	0	0	4	0	3	0	1	0
September	4.7	N.	25	NW.	0	13	1	1	1	7	3	11	22	1	21	5	4	2	1	0	0	0	4	0	4	0	1	0
October	4.5	N.	20	NW.	0	14	5	1	4	7	3	6	21	1	16	10	5	0	0	0	0	0	6	0	4	0	0	0
November	5.4	N.	25	NE.	0	14	7	1	3	11	2	6	11	5	9	9	12	10	10	0	0	0	5	0	0	0	0	0
December	4.7	N.	22	N.	0	18	5	0	7	8	2	7	11	4	10	5	16	11	10	0	0	0	2	0	0	2	0	0
Year	5.3	NW.	33	SE.	0	160	38	6	42	75	45	148	189	27	178	92	95	54	46	0	0	0	45	0	15	7	2	0

SANTA FE, N. MEX.

[H=7,013 ft.; h_1=57 ft.; h_2=49 ft.; h_3=62 ft.]

January	7.9	N.	42	SE.	1	10	16	4	13	4	8	2	5	0	17	10	4	5	4	7	5	0	1	8	0	31	0	0
February	7.7	SW.	30	SW.	0	4	13	1	4	12	15	3	4	0	8	14	6	6	5	13	6	0	3	5	0	28	0	0
March	9.3	N.	46	SW.	1	17	8	2	3	5	13	5	9	0	12	15	4	8	5	10	8	0	0	3	0	27	1	0
April	7.6	SW.	29	SW.	0	6	4	13	7	5	15	3	7	0	15	13	2	8	6	7	3	1	0	0	0	9	4	0
May	9.7	SW.	36	SW.	0	5	6	7	14	5	15	5	5	0	16	15	0	3	2	1	0	0	0	0	0	0	7	0
June	9.0	SE.	42	SE.	1	4	6	10	21	7	7	2	3	0	8	21	1	10	10	0	0	2	0	0	0	0	19	0
July	7.0	SE.	33	S.	0	7	10	16	16	0	10	2	1	0	9	21	1	9	6	0	0	2	0	0	1	0	14	0
August	6.5	E.	34	E.	0	5	7	19	19	5	5	2	0	0	5	24	2	13	5	0	0	1	0	0	0	0	19	0
September	6.5	SE.	32	N.	0	5	10	11	14	3	15	1	1	0	11	13	6	9	8	1	1	0	0	0	0	0	8	0
October	7.5	SE.	34	SE.	0	7	10	9	14	5	7	4	5	1	22	7	2	4	3	0	0	1	0	0	0	6	1	0
November	6.3	N.	32	SE.	0	15	11	6	10	2	7	5	4	0	11	14	5	7	6	3	3	0	5	0	0	14	1	0
December	8.0	NE.	43	SE.	1	17	22	4	7	2	4	2	4	0	10	17	4	12	6	14	12	0	2	10	0	31	0	0
Year	7.8	SE.	46	SW.	4	102	123	102	142	55	121	36	48	1	144	184	37	94	66	56	38	7	11	26	1	146	74	0

SAULT STE. MARIE, MICH.

[H=614 ft.; h_1=11 ft.; h_2=3 ft.; h_3=61 ft.]

January	10.0	SE.	36	W.	0	4	8	4	19	2	9	7	9	0	2	6	23	19	12	21	19	0	0	22	0	30	0	0
February	10.7	SW.	39	W.	0	3	7	8	5	1	15	10	7	0	6	7	15	17	9	19	16	0	2	26	0	28	0	0
March	10.6	NW.	44	W.	2	2	6	8	11	1	7	10	16	1	6	7	18	17	15	14	11	0	1	18	0	29	1	0
April	9.6	W.	36	NW.	0	7	5	16	5	1	2	16	8	0	12	8	10	13	11	5	5	0	0	2	0	18	2	0
May	9.0	W.	33	SW.	0	1	7	12	7	3	9	17	6	0	8	11	12	11	8	0	0	1	0	0	0	8	2	0
June	7.7	W.	37	NW.	0	2	2	9	13	1	12	14	6	1	9	14	7	9	6	0	0	0	0	0	1	0	4	0
July	8.9	W.	39	NW.	0	2	3	10	5	0	8	24	10	0	9	14	8	11	9	0	0	1	0	0	0	0	7	0
August	7.4	W.	28	NW.	0	3	5	16	8	2	6	16	6	0	6	14	11	11	10	0	0	0	2	0	0	0	6	0
September	7.7	E.	32	NW.	0	2	4	19	15	0	6	5	9	0	12	5	13	11	9	0	0	0	0	0	0	1	2	0
October	9.0	SE.	36	W.	0	6	10	9	15	4	5	6	7	0	3	9	19	15	12	7	4	0	2	1	0	9	3	0
November	10.9	SE.	48	W.	2	5	3	8	16	4	9	10	5	0	1	4	25	14	11	10	4	0	1	3	0	17	0	0
December	10.4	NW.	38	NW.	0	5	5	10	7	0	10	12	13	0	6	6	19	7	5	9	5	0	2	15	0	25	0	0
Year	9.3	W.	48	W.	4	42	65	129	126	19	98	147	102	2	80	105	180	155	117	85	64	2	10	87	1	165	27	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

SAVANNAH, GA.

[ϕ=32° 5′ N.; λ=81° 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	30.128	30.542	29.436	54.4	59.5	67.4	52.0	59.7	78	39	51	54	89	82	0.393	0.435	1.24	0.56	6.3	5.2	6.6
February	30.023	30.408	29.772	49.1	56.0	63.6	47.1	55.4	79	31	44	46	83	72	.304	.334	5.02	1.86	6.9	4.9	5.6
March	30.110	30.607	29.706	56.8	60.2	68.3	53.3	60.8	81	38	53	54	88	80	.432	.436	5.25	2.56	6.8	5.3	6.8
April	30.019	30.369	29.692	59.9	63.7	72.6	55.7	64.2	83	44	52	52	74	68	.396	.404	1.44	.93	3.2	3.5	3.7
May	29.981	30.215	29.652	69.0	71.8	82.6	64.4	73.5	98	56	61	62	78	72	.552	.559	1.28	.56	4.1	5.2	4.5
June	29.982	30.124	29.819	73.4	75.3	86.0	68.1	77.0	98	49	67	67	80	78	.671	.684	4.28	1.80	5.0	5.6	4.9
July	29.994	30.159	29.797	78.8	79.7	91.2	73.5	82.4	97	69	72	73	80	80	.782	.804	6.53	1.96	5.0	7.3	5.9
August	29.974	30.137	29.819	76.3	78.6	88.5	71.9	80.2	95	69	71	71	85	78	.766	.763	5.12	1.94	5.7	6.1	6.2
September	30.011	30.196	29.730	70.8	73.7	82.2	66.9	74.6	90	52	67	67	88	79	.677	.666	4.63	1.64	5.2	4.0	5.6
October	29.957	30.322	29.657	60.2	67.2	75.5	57.0	66.2	88	36	53	55	77	66	.426	.457	1.04	.97	3.7	3.3	3.7
November	30.146	30.414	29.562	52.2	58.4	68.1	49.6	58.8	78	32	46	49	81	71	.337	.364	1.80	1.80	3.5	3.6	3.5
December	30.036	30.392	29.561	48.2	54.0	61.0	45.9	53.4	74	30	43	46	83	76	.302	.330	2.37	1.30	6.6	5.8	6.8
Year	30.030	30.607	29.436	62.4	66.5	75.6	58.8	67.2	98	30	57	58	82	75	.503	.520	40.00	2.56	5.2	5.0	5.3

SCRANTON, PA.

[ϕ=41° 24′ N.; λ=75° 42′ W.]

January	29.224	29.802	27.884	35.0	37.1	45.8	28.6	37.2	59	15	30	31	81	77	0.177	0.181	2.50	0.64	6.6	6.5	7.2
February	29.145	29.586	28.619	21.8	28.2	34.6	18.2	26.4	56	5	15	21	74	73	.097	.126	1.60	.67	5.8	5.6	6.1
March	29.222	29.953	28.521	39.5	43.5	52.0	32.0	42.0	76	7	34	37	78	77	.228	.253	5.00	1.44	7.1	5.8	6.9
April	29.162	29.637	28.753	46.2	53.1	60.3	42.1	51.2	87	29	39	43	77	70	.254	.294	3.63	1.57	5.6	5.9	5.8
May	29.165	29.474	28.905	53.4	61.4	67.5	47.6	57.6	90	33	42	46	67	60	.286	.334	2.27	1.10	6.1	4.6	5.8
June	29.179	29.642	28.905	64.1	72.2	79.6	55.4	67.5	91	39	57	59	78	65	.481	.527	1.34	.62	2.8	2.6	2.7
July	29.129	29.369	28.868	67.7	74.1	82.4	60.7	71.6	96	52	61	64	80	73	.552	.617	4.97	1.58	4.4	3.9	4.5
August	29.104	29.549	28.887	65.5	72.7	81.4	59.7	70.6	95	48	60	63	84	72	.533	.580	2.54	1.14	4.4	4.8	4.9
September	29.286	29.711	28.930	56.9	64.0	72.7	52.1	62.4	88	37	53	56	86	76	.419	.467	3.87	3.11	5.7	5.6	5.9
October	29.125	29.551	28.352	52.9	55.4	63.1	48.4	55.8	81	32	50	52	91	89	.379	.409	3.99	1.28	7.8	6.4	6.8
November	29.264	29.665	28.102	41.6	45.5	52.4	37.4	44.9	72	27	38	41	86	84	.242	.269	2.83	1.62	7.8	7.6	7.3
December	29.166	29.539	28.457	31.4	35.7	41.8	27.6	34.7	52	7	28	31	86	82	.161	.181	2.16	1.15	7.1	6.5	6.9
Year	29.188	29.953	27.884	48.0	53.6	61.1	42.5	51.8	96	5	42	45	81	75	.317	.353	36.70	3.11	5.9	5.5	5.9

SEATTLE, WASH.

[ϕ=47° 38′ N.; λ=122° 20′ W.]

January	29.961	30.509	29.161	35.4	38.5	40.4	32.7	36.6	49	22	33	35	92	88	0.193	0.207	4.89	0.96	7.7	8.4	8.5
February	30.021	30.329	29.611	36.8	43.3	45.4	34.5	40.0	56	28	32	35	84	73	.188	.209	1.34	.54	6.1	6.3	6.5
March	30.003	30.425	29.559	38.2	45.6	47.6	36.2	41.9	55	25	35	37	86	72	.205	.227	1.55	.35	7.7	6.7	7.2
April	29.928	30.359	29.548	43.2	53.9	56.3	41.6	49.0	70	35	40	38	87	57	.245	.235	.83	.61	7.8	7.2	6.4
May	29.965	30.262	29.711	48.0	58.6	60.9	47.3	54.1	71	42	44	46	88	64	.294	.310	1.37	.65	8.8	6.4	6.9
June	29.855	30.128	29.628	53.3	65.1	67.1	51.9	59.5	81	47	50	53	90	68	.365	.408	1.71	.34	7.6	5.1	6.1
July	29.962	30.272	29.735	56.0	69.9	71.7	55.1	63.4	87	48	52	57	87	65	.388	.466	.73	.35	5.8	4.3	5.0
August	29.954	30.222	29.747	57.1	71.8	73.5	56.1	64.8	88	50	54	56	88	59	.414	.465	.45	.35	5.9	4.1	5.0
September	29.947	30.253	29.539	53.1	64.2	66.5	51.1	58.8	77	47	50	51	89	65	.359	.378	2.37	1.05	5.3	4.4	5.4
October	30.029	30.471	29.494	47.1	53.2	55.4	44.8	50.1	66	38	45	46	92	77	.300	.312	2.00	.64	7.5	6.5	7.7
November	29.823	30.227	29.331	44.6	47.3	50.9	41.4	46.2	62	35	42	44	92	91	.270	.295	4.74	.75	7.3	8.2	8.6
December	29.932	30.352	29.207	40.1	44.5	47.3	37.5	42.4	55	28	37	40	90	85	.225	.251	2.61	.64	7.7	6.7	7.8
Year	29.948	30.509	29.161	46.1	54.7	56.9	44.2	50.6	88	22	43	45	89	72	.287	.314	24.59	1.05	7.1	6.2	6.8

SHERIDAN, WYO.

[ϕ=44° 48′ N.; λ=106° 57′ W.]

January	25.998	26.331	25.515	10.2	17.1	30.1	−1.3	14.4	54	−34	4	10	81	77	0.062	0.076	1.91	0.66	5.6	6.8	7.6
February	26.106	26.407	25.828	5.0	16.3	25.2	−1.1	12.0	55	−19	2	10	89	77	.054	.073	.55	.16	5.4	5.8	4.6
March	26.070	26.342	25.729	18.8	29.4	35.9	14.2	25.0	58	−18	16	22	87	76	.101	.132	.78	.20	7.5	7.4	6.6
April	26.087	26.410	25.756	35.5	54.0	59.7	31.6	45.6	80	17	29	35	80	52	.163	.205	.62	.24	5.5	5.6	4.6
May	26.098	26.390	25.809	43.9	59.8	64.2	40.7	52.4	87	26	39	41	84	54	.249	.268	1.52	.36	6.7	7.2	5.8
June	26.046	26.339	25.752	56.0	71.5	77.2	50.7	64.0	90	43	50	52	81	54	.364	.399	3.90	1.28	4.5	6.5	4.9
July	26.158	26.425	25.792	56.2	71.9	79.6	50.2	64.9	95	40	49	48	78	42	.348	.339	1.70	.62	4.1	5.4	4.8
August	26.172	26.521	25.724	53.5	83.0	85.2	50.7	68.0	95	42	48	47	81	34	.336	.328	.20	.10	3.9	3.8	3.3
September	26.160	26.453	25.710	43.2	65.2	72.3	39.4	55.8	91	22	37	40	81	44	.228	.252	2.04	.90	3.6	3.8	3.8
October	26.140	26.892	25.710	31.0	44.6	52.2	28.9	40.6	79	5	29	30	82	61	.160	.170	2.05	.82	5.9	5.9	6.8
November	26.067	26.519	25.610	26.0	38.4	51.6	22.1	36.8	65	13	22	26	84	60	.116	.140	.22	.10	3.2	3.9	4.8
December	26.172	26.558	25.571	13.6	25.8	39.3	9.6	24.4	56	− 5	11	17	88	67	.069	.090	.12	.06	2.6	2.5	4.1
Year	26.106	26.592	25.515	33.0	48.1	56.0	28.0	42.0	95	−34	28	32	83	58	.188	.206	15.61	1.28	4.9	5.4	5.1

Annual meteorological summary for the year ending December 31, 1913—Continued.

SAVANNAH, GA.

[H=65 ft.; h_t=150 ft.; h_r=143 ft.; h_a=194 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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. T. or more.	0.01 inch or more melted.	Hail.	Dense fog.	Maximum temp. 32° or below.	96° or above.	Minimum temperature 32° or below.	Electricity. Thunderstorms.	Auroras.
	Miles		*Mi.*																									
January	11.2	S.	58	W.	1	5	9	7	8	10	8	6	9	0	6	8	17	11	6	0	0	0	8	0	0	0	1	0
February	11.0	NW.	46	S.	1	5	7	6	4	6	4	12	12	0	11	2	15	12	12	0	0	0	0	0	0	2	2	0
March	12.9	S.	40	W.	1	2	10	12	7	10	6	6	9	0	6	10	15	13	11	0	0	0	2	0	0	0	2	0
April	12.5	S.	34	W.	0	2	6	4	10	12	5	13	8	0	17	6	7	4	4	0	0	0	0	0	0	0	3	0
May	10.9	S.	32	NW.	0	3	5	6	8	18	8	11	3	0	10	14	7	8	8	0	0	0	3	0	2	0	5	0
June	10.3	S.	42	SW.	1	5	8	1	6	18	11	7	4	0	10	12	8	12	10	0	0	0	0	0	11	0	8	0
July	10.0	SW.	44	N.	1	1	3	3	6	19	15	13	2	0	3	19	9	13	12	0	0	0	0	0	23	0	21	0
August	8.7	SW.	42	N.	1	5	11	6	7	12	5	13	3	0	3	17	11	11	11	0	0	0	1	0	12	0	11	0
September	9.4	NE.	32	SW.	0	5	19	4	12	5	6	3	6	0	8	11	11	11	10	0	0	0	1	0	1	0	3	0
October	10.4	W.	48	W.	1	5	8	0	2	11	5	18	13	0	18	5	8	4	3	0	0	0	0	0	0	0	0	0
November	9.3	NE.	33	W.	0	5	17	8	10	4	4	5	7	0	17	9	4	1	1	0	0	0	3	0	0	1	1	0
December	10.4	N.	54	SW.	2	13	10	10	2	3	6	9	9	0	7	6	18	10	9	0	0	0	2	0	0	2	1	0
Year	10.6	S.	58	W.	9	56	113	67	82	128	83	116	85	0	110	119	130	110	97	0	0	0	20	0	49	5	58	0

SCRANTON, PA.

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

January	7.2	S.	42	SW.	1	10	6	1	4	13	16	4	8	0	4	11	16	18	10	10	6	1	3	2	0	19	1	0
February	8.7	S.	36	W.	0	13	1	0	3	11	13	10	5	0	8	8	12	7	5	12	5	0	1	14	0	25	1	0
March	10.1	S.	50	S.	2	5	3	1	4	21	14	6	8	0	5	11	15	16	11	7	3	0	1	2	0	16	2	0
April	8.3	NW.	34	W.	0	12	5	1	3	8	5	8	18	0	9	9	12	14	9	2	2	0	0	0	0	5	3	0
May	6.8	NW.	27	W.	0	10	8	3	1	12	4	6	18	0	7	12	12	9	5	0	0	0	0	0	0	0	2	0
June	6.8	NW.	25	W.	0	13	3	1	1	16	7	6	13	0	18	9	3	8	7	0	0	0	0	0	1	0	4	0
July	6.6	S.	32	SW.	0	11	1	0	2	15	16	5	12	0	12	13	6	10	9	0	0	0	1	0	0	0	9	0
August	5.7	S.	28	N.	0	12	7	1	3	18	12	2	6	1	11	14	6	11	9	0	0	0	0	0	2	0	8	0
September	5.5	N	27	SW.	0	18	6	0	6	11	11	0	8	0	10	8	12	9	5	0	0	0	0	0	0	0	2	0
October	6.8	N.	34	SW.	0	15	5	2	3	13	7	5	12	0	4	12	15	12	10	1	0	1	0	0	0	1	2	0
November	7.4	S.	36	SE.	0	9	5	1	5	22	10	3	5	0	4	8	18	13	5	6	3	0	0	0	0	8	1	0
December	7.3	S.	33	SW.	0	14	1	0	2	15	13	5	12	0	5	9	17	5	5	9	3	0	1	4	0	19	0	0
Year	7.3	S.	50	S.	3	142	51	11	37	175	128	60	125	1	97	124	144	132	90	47	22	3	6	22	9	93	35	0

SEATTLE, WASH.

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

January	9.5	SE.	42	S.	2	7	6	2	21	13	5	7	1	0	2	6	23	21	14	14	10	0	3	2	0	11	0	0
February	7.7	NE.	43	SW.	1	14	8	7	10	8	2	3	4	0	9	4	15	9	7	5	3	0	3	0	0	7	0	0
March	10.1	S.	45	SW.	2	8	6	5	12	12	14	1	4	0	5	8	18	15	13	6	4	0	2	0	0	6	1	0
April	9.0	S.	41	W.	1	7	7	2	11	11	9	9	4	0	4	15	11	6	3	1	0	1	0	0	0	0	0	0
May	7.9	S.	38	SW.	0	13	5	4	9	13	7	4	7	0	5	9	17	12	7	0	0	0	0	0	0	0	1	0
June	8.9	S.	32	SW.	0	14	5	3	8	16	6	4	4	0	7	11	12	14	10	0	0	0	0	0	0	0	1	0
July	7.6	N.	35	S.	0	11	9	1	11	9	8	3	10	0	11	10	10	6	3	0	0	0	0	0	0	0	1	0
August	7.6	N.	28	S.	0	15	4	0	5	11	8	3	14	2	10	13	8	4	3	0	0	0	0	0	0	0	2	0
September	8.3	N.	35	SW.	0	15	10	2	7	13	4	2	6	1	12	6	12	9	7	0	0	1	3	0	0	0	1	0
October	8.0	SE.	42	S.	3	13	8	1	14	16	7	3	5	1	2	11	18	14	9	0	0	0	3	0	0	0	0	0
November	10.9	S.	49	S.	3	5	12	0	14	19	7	1	2	0	0	5	25	19	18	0	0	0	4	0	0	0	0	0
December	6.7	SE.	43	SW.	1	2	7	7	21	12	2	3	7	1	1	11	19	12	12	1	0	0	8	0	0	6	0	0
Year	8.5	S.	49	S.	13	124	87	34	143	147	79	43	68	5	68	109	188	141	106	27	17	2	26	2	0	30	7	0

SHERIDAN, WYO.

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

January	7.1	NW.	48	NW.	3	7	7	1	11	10	8	3	15	0	4	12	15	12	10	16	12	0	0	15	0	31	0	0
February	4.8	NW.	34	NW.	0	3	3	0	11	9	7	2	20	1	14	6	8	9	5	13	9	0	1	22	0	28	0	0
March	7.0	NW.	38	NW.	0	8	5	3	10	5	3	5	23	0	6	7	18	17	7	15	14	0	0	10	0	30	0	0
April	8.1	NW.	44	SW	1	7	5	2	11	7	8	2	18	0	11	12	7	5	3	7	2	0	0	0	0	20	0	0
May	6.4	NW.	36	SE.	0	5	11	8	13	2	5	3	15	0	7	13	11	13	10	3	2	1	0	0	0	3	4	0
June	6.6	SE.	44	SE.	1	6	8	2	16	6	8	3	11	0	7	21	2	13	9	0	0	2	0	0	1	0	12	0
July	5.5	SE.	37	NW.	0	5	7	3	21	5	3	1	17	0	12	13	6	12	8	0	0	0	0	0	4	0	8	0
August	4.6	SE.	27	NW.	0	9	5	2	16	11	5	5	9	0	18	10	3	4	2	0	0	0	0	0	11	0	4	0
September	5.9	NW.	38	NW.	0	3	3	4	10	7	6	2	23	2	16	6	8	8	6	2	2	0	0	0	2	10	1	0
October	6.2	NW.	38	NW.	0	6	6	5	9	8	4	3	21	0	6	8	17	9	7	7	3	0	1	1	0	16	0	0
November	4.4	SE.	38	NW.	0	4	2	1	16	11	10	6	10	0	11	10	9	3	3	2	2	0	0	0	0	29	0	0
December	3.0	SE.	25	NW.	0	2	4	1	17	15	8	5	10	0	18	6	7	4	2	4	4	0	1	6	0	31	0	0
Year	5.8	NW.	48	NW.	5	65	66	32	161	96	75	40	192	3	130	124	111	109	72	69	50	3	3	54	18	198	29	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

SHREVEPORT, LA.

[ϕ=32° 30′ N.; λ=93° 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	29.850	30.286	29.398	45.3	53.1	60.2	40.8	50.5	73	16	40	43	82	71	0.279	0.306	4.21	0.95	6.2	5.5	6.1
February	29.833	30.162	29.277	40.4	52.4	56.6	38.2	47.4	75	29	36	39	85	62	.227	.247	3.95	2.39	4.8	4.4	5.1
March	29.847	30.335	29.236	47.3	59.2	64.1	44.2	54.2	82	29	41	44	79	60	.290	.318	4.81	2.09	5.4	5.2	5.5
April	29.806	30.183	29.521	56.1	69.9	75.0	53.4	64.2	86	39	50	50	80	53	.374	.375	4.17	2.35	2.7	3.2	3.1
May	29.746	29.914	29.579	65.2	76.4	82.1	62.0	72.0	91	54	60	61	85	62	.533	.547	3.11	1.46	4.1	3.0	3.6
June	29.759	29.977	29.584	72.0	83.1	89.1	68.9	79.0	98	59	66	64	82	56	.648	.618	3.23	2.13	3.4	4.5	4.1
July	29.771	29.957	29.550	76.0	87.2	92.9	73.7	83.3	99	70	71	70	84	60	.751	.751	.70	.36	4.3	4.0	4.0
August	29.748	29.898	29.556	74.6	86.2	92.3	72.4	82.4	100	65	70	70	85	59	.729	.728	1.89	.86	2.9	3.1	3.3
September	29.715	29.891	29.418	66.8	74.9	81.7	65.1	73.4	98	49	64	65	91	75	.611	.633	16.46	7.04	6.5	6.2	5.9
October	29.790	30.258	29.509	56.4	65.6	72.6	54.7	63.6	88	34	53	54	88	68	.444	.470	2.95	.87	4.3	4.0	4.8
November	29.881	30.268	29.556	54.7	65.3	71.8	53.6	62.7	80	35	50	54	86	69	.388	.440	2.22	1.45	4.7	2.9	4.7
December	29.882	30.300	29.474	43.0	50.0	54.4	41.2	47.8	72	28	40	42	99	75	.258	.278	4.28	1.35	6.6	5.6	6.7
Year	29.802	30.335	29.236	58.2	68.6	74.4	55.7	65.0	100	16	53	55	85	64	.461	.476	51.98	7.04	4.7	4.3	4.7

SIOUX CITY, IOWA.

[ϕ=42° 29′ N.; λ=96° 24′ W.]

January	28.805	29.338	28.263	14.7	22.7	29.2	9.3	19.2	58	−12	8	13	76	65	0.071	0.083	0.21	0.10	4.8	3.5	3.5
February	28.865	29.331	28.396	12.5	24.2	29.6	8.9	19.2	64	−12	7	12	77	58	.066	.078	.81	.64	5.7	2.6	3.8
March	28.760	29.219	27.974	25.4	36.1	42.5	20.8	31.6	65	−11	20	24	78	63	.118	.139	1.43	.77	5.5	5.5	5.7
April	28.787	29.138	28.288	41.7	54.8	59.7	38.5	49.1	85	21	34	38	76	56	.206	.236	5.50	3.08	4.4	4.6	4.2
May	28.762	29.196	28.401	52.7	63.6	68.0	49.5	58.8	97	38	46	49	80	63	.325	.367	4.71	1.52	7.4	4.9	6.3
June	28.789	29.237	28.334	65.1	78.9	82.7	61.9	72.3	96	44	57	58	75	50	.483	.506	.75	.44	3.4	2.6	2.8
July	28.751	29.020	28.427	68.2	84.2	88.1	65.0	76.6	100	54	60	61	76	47	.527	.547	1.92	.92	3.9	2.4	2.5
August	28.773	29.060	28.455	68.2	84.4	88.7	65.5	77.1	99	52	60	63	75	50	.528	.594	1.88	.75	5.8	2.6	3.9
September	28.822	29.141	28.457	56.3	69.9	75.4	53.9	64.6	99	30	49	49	77	51	.370	.382	1.13	.48	4.2	4.0	3.8
October	28.800	29.393	28.340	39.1	51.7	59.1	35.5	47.3	84	10	34	36	82	58	.219	.240	.76	.31	5.2	4.3	4.3
November	28.826	29.224	28.306	38.0	46.0	51.2	35.2	43.2	69	19	33	36	82	69	.199	.217	.61	.28	6.6	5.1	6.5
December	28.935	29.227	28.665	25.2	33.2	39.0	22.9	31.0	55	3	22	26	88	75	.129	.147	.60	.48	4.2	3.6	4.3
Year	28.805	29.393	27.974	42.3	54.1	59.4	38.9	49.2	100	−12	36	39	78	59	.270	.295	20.31	3.08	5.1	3.8	4.3

SITKA, ALASKA.

[ϕ=57° 4′ N.; λ=135° 20′ W.]

January	29.71	30.46	28.96	.....	.....	34.6	24.5	30.0	46	6	.....	.....	.....	.....	.....	.....	10.42	1.49	.....	.....	.....
February	29.96	30.37	29.34	.....	.....	43.9	31.5	37.7	50	25	.....	.....	.....	.....	.....	.....	6.83	1.15	.....	.....	.....
March	29.85	30.30	29.14	.....	.....	45.4	30.1	37.8	54	17	.....	.....	.....	.....	.....	.....	3.79	.87	.....	.....	.....
April	29.70	30.14	29.19	.....	.....	46.8	33.4	40.1	56	28	.....	.....	.....	.....	.....	.....	6.10	1.30	.....	.....	.....
May	29.85	30.34	29.33	.....	.....	53.5	39.4	46.4	64	30	.....	.....	.....	.....	.....	.....	3.98	.60	.....	.....	.....
June	29.81	30.22	29.58	.....	.....	60.7	46.0	53.4	68	36	.....	.....	.....	.....	.....	.....	.75	.29	.....	.....	.....
July	29.94	30.31	29.52	.....	.....	62.2	47.6	54.9	72	40	.....	.....	.....	.....	.....	.....	2.81	.39	.....	.....	.....
August	29.92	30.32	29.48	.....	.....	63.3	49.0	56.2	76	43	.....	.....	.....	.....	.....	.....	9.07	2.84	.....	.....	.....
September	29.63	30.17	28.90	.....	.....	57.9	44.7	51.3	65	31	.....	.....	.....	.....	.....	.....	9.30	1.44	.....	.....	.....
October	29.77	30.32	29.31	.....	.....	50.8	39.3	45.0	62	33	.....	.....	.....	.....	.....	.....	16.58	4.90	.....	.....	.....
November	29.35	29.99	28.63	.....	.....	46.3	35.2	40.8	58	25	.....	.....	.....	.....	.....	.....	11.88	1.84	.....	.....	.....
December	29.48	29.99	28.81	.....	.....	46.3	33.5	39.9	55	21	.....	.....	.....	.....	.....	.....	5.67	.80	.....	.....	.....
Year	29.75	30.46	28.63	.....	.....	50.9	37.8	44.4	76	6	.....	.....	.....	.....	.....	.....	87.18	4.90	.....	.....	.....

SOUTHEAST FARALLON ISLAND, CAL.

[ϕ=37° 42′ N.; λ=123° —′ W.]

January	30.126	30.437	29.676	.....	49.0	51.1	45.6	48.4	57	39	.....	44	.....	83	.....	0.285	2.51	0.68	.....	4.0	5.2
February	29.984	30.410	29.536	.....	50.8	52.2	48.1	50.2	60	44	.....	45	.....	82	.....	.306	.30	.15	.....	4.4	4.6
March	30.115	30.353	29.770	.....	49.1	50.4	46.3	48.4	57	42	.....	45	.....	87	.....	.303	1.34	.64	.....	4.1	6.2
April	30.047	30.171	29.881	.....	51.9	53.5	48.9	51.2	61	44	.....	47	.....	84	.....	.325	.86	.35	.....	3.8	4.5
May	29.994	30.188	29.842	.....	52.8	53.7	50.2	52.0	58	48	.....	50	.....	89	.....	.354	.96	.79	.....	4.7	5.5
June	29.965	30.143	29.767	.....	55.7	57.0	52.2	54.6	62	49	.....	53	.....	91	.....	.403	.02	.02	.....	3.1	4.1
July [1]	29.976	30.064	29.721	.....	56.4	57.9	52.7	55.3	67	48	.....	54	.....	92	.....	.415	.06	.05	.....	3.8	5.6
August	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Station discontinued at 12 noon Aug. 1, 1913.

Annual meteorological summary for the year ending December 31, 1913—Continued.

SHREVEPORT, LA.

[H=249 ft.; h_t=77 ft.; h_r=70 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	6.7	SE.	26	NW.	0	3	12	8	11	10	4	3	11	0	11	3	17	14	12	0	0	0	1	0	0	5	5	0
February	7.4	N.	25	NW.	0	10	8	8	8	8	4	1	9	0	12	7	9	8	7	1	1	0	0	0	0	9	3	0
March	9.2	SE.	42	W.	1	11	3	3	16	15	2	3	9	0	10	14	11	7	5	0	0	0	0	0	0	5	5	0
April	8.3	S.	39	S.	0	8	3	3	10	17	5	4	10	0	20	3	7	6	4	0	0	0	0	0	0	0	4	0
May	7.0	S.	35	S.	0	6	4	6	15	24	5	2	6	0	19	5	7	8	7	0	0	0	0	0	1	0	8	0
June	6.2	S.	30	SE.	0	0	5	7	15	20	8	2	3	0	16	8	6	5	4	0	0	0	0	0	19	0	5	0
July	6.6	S.	32	S.	0	3	6	1	10	30	6	4	2	0	14	11	6	7	6	0	0	0	0	0	26	0	5	0
August	5.6	S.	26	SE.	0	3	7	9	15	17	8	1	2	0	19	9	3	4	4	0	0	0	0	0	26	0	3	0
September	6.5	SE.	25	NE.	0	6	7	10	18	7	4	2	6	0	10	5	15	16	13	0	0	0	0	0	7	0	7	0
October	7.2	SE.	34	S.	0	4	13	4	16	12	1	5	7	0	14	7	10	9	8	0	0	0	2	0	0	0	1	0
November	7.2	S.	28	W.	0	1	6	10	15	18	2	4	4	0	12	12	6	3	3	0	0	0	1	0	0	0	1	0
December	6.2	E.	26	NW.	0	4	2	17	8	5	6	4	16	0	6	9	16	12	11	0	0	0	0	0	0	3	0	0
Year	7.0	S.	42	W.	1	59	76	86	157	183	55	35	79	0	163	89	113	99	84	1	1	0	4	0	79	22	47	0

SIOUX CITY, IOWA.

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

January	14.8	NW.	48	NW.	6	11	2	0	7	16	2	2	22	0	15	13	3	5	3	10	5	0	1	17	0	31	0	0
February	12.0	NW.	36	NW.	0	16	3	1	6	7	4	7	11	1	17	5	6	6	4	11	6	0	0	18	0	27	0	0
March	16.2	NW.	53	NW.	9	9	1	1	6	15	1	6	23	0	10	11	10	11	5	13	9	0	0	9	0	24	1	0
April	15.9	SE.	50	S.	3	14	5	9	13	9	2	1	6	1	15	7	8	10	9	4	3	0	0	1	0	7	5	0
May	13.1	S.	54	E.	3	8	10	7	6	17	0	2	12	0	7	10	14	14	10	0	0	1	0	0	2	0	10	0
June	13.9	S.	49	E.	3	4	8	5	12	24	2	2	3	0	21	6	3	8	6	0	0	0	0	0	9	0	6	0
July	11.4	S.	44	NW.	1	12	8	3	12	13	2	1	11	0	23	7	1	8	6	0	0	0	0	0	13	0	10	0
August	9.8	SE.	51	W.	1	11	9	8	16	9	0	2	7	0	16	9	6	11	8	0	0	0	0	0	14	0	10	0
September	11.9	S.	42	NW.	1	3	10	6	16	12	2	2	9	0	17	7	6	10	7	0	0	0	1	0	7	1	4	0
October	12.5	NW.	42	S.	7	14	3	3	9	12	1	3	17	0	14	10	7	5	4	3	1	0	0	1	0	12	0	0
November	11.9	S.	54	NW.	1	9	5	3	14	13	2	3	10	1	5	12	13	7	5	2	2	0	3	0	0	13	0	0
December	8.7	S.	48	N.	2	7	11	2	8	15	6	2	11	0	16	6	9	6	4	3	1	0	2	11	0	26	0	0
Year	12.7	S.	54	E.	37	118	75	48	125	162	24	33	142	3	176	103	86	101	71	46	27	1	7	57	45	141	46	0

SITKA, ALASKA.

[H=63 ft.; h_t=— ft.; h_r=— ft.; h_a=— ft.]

January [1]	.....	E.	....	.....	....	3	1	7	2	0	1	0	0	14	9	1	21	25	22	.....	.....	.....	.....	.....	.....	.....	.....	.....
February	.....	E.	....	.....	....	2	2	7	2	0	1	0	0	14	6	6	16	19	17	.....	.....	.....	.....	.....	.....	.....	.....	.....
March	.....	NE.	....	.....	....	3	6	4	2	3	1	2	4	6	10	6	15	16	13	.....	.....	.....	.....	.....	.....	.....	.....	.....
April [2]	.....	SE.	....	.....	....	0	2	4	6	2	2	5	1	7	3	4	23	24	20	.....	.....	.....	.....	.....	.....	.....	.....	.....
May	.....	E.	....	.....	....	1	5	5	4	1	4	2	4	5	5	5	21	18	14	.....	.....	.....	.....	.....	.....	.....	.....	.....
June	.....	NW.	....	.....	....	2	0	3	4	1	3	5	7	5	5	8	17	12	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
July	.....	SW.	....	.....	....	0	1	1	0	2	11	9	6	1	8	2	21	20	15	.....	.....	.....	.....	.....	.....	.....	.....	.....
August	.....	NW.	....	.....	....	2	0	1	0	3	4	5	8	8	7	4	20	24	22	.....	.....	.....	.....	.....	.....	.....	.....	.....
September	.....	E.	....	.....	....	0	3	7	4	6	4	1	3	2	5	5	20	25	24	.....	.....	.....	.....	.....	.....	.....	.....	.....
October	.....	NE.	....	.....	....	3	9	6	2	1	2	2	4	2	1	4	26	26	26	.....	.....	.....	.....	.....	.....	.....	.....	.....
November	.....	E.	....	.....	....	1	10	11	6	1	0	0	1	0	3	6	21	25	24	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	E.	....	.....	....	2	6	8	5	1	1	0	1	7	11	2	18	19	17	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	E.	....	.....	....	19	45	64	34	21	34	31	39	71	73	53	239	253	219	.....	.....	.....	.....	.....	.....	.....	.....	.....

SOUTHEAST FARALLON ISLAND, CAL.

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

January	17.3	NW.	66	NW.	11	3	0	4	0	6	0	2	16	0	14	5	12	12	10	0	0	0	7	0	0	0	0	0
February	16.9	NW.	60	NW.	7	1	2	3	3	3	0	1	15	0	15	3	10	5	4	0	0	0	4	0	0	0	0	0
March	17.9	NW.	62	NW.	8	0	6	0	1	2	2	2	24	0	9	6	16	10	6	0	0	1	12	0	0	0	0	0
April	15.8	NW.	50	NW.	5	1	0	0	5	5	3	2	14	0	13	10	7	6	4	0	0	0	6	0	0	0	0	0
May	17.0	NW.	49	NW.	6	0	0	0	1	4	2	2	22	0	12	5	14	4	4	0	0	0	6	0	0	0	0	0
June	15.2	NW.	48	NW.	4	0	0	0	0	3	6	21	0	14	7	9	1	0	0	0	0	0	9	0	0	0	0	0
July	14.7	NW.	48	NW.	4	3	0	0	2	3	6	2	15	0	9	10	12	2	1	0	0	0	13	0	0	0	0	0
August	.....	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September	.....	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October	.....	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November	.....	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] 3 days' record of wind direction missing.

[2] 1 day's record of wind direction missing.

Annual meteorological summary for the year ending December 31, 1913—Continued.

SPOKANE, WASH.

[ϕ=47° 40′ N.; λ=117° 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	27.972	28.435	27.393	23.3	27.5	30.3	18.3	24.3	47	2	20	22	86	78	0.109	0.118	3.67	0.86	6.9	7.6	7.7
February	28.066	28.394	27.633	18.1	30.9	32.9	14.8	23.8	51	− 3	13	20	79	62	.088	.111	.92	.68	5.9	6.5	6.2
March	27.998	28.367	27.499	30.6	40.2	42.3	28.3	35.3	64	12	25	26	78	58	.140	.149	.59	.13	6.6	7.5	7.5
April	27.940	28.265	27.480	39.4	56.8	58.8	37.5	48.2	77	30	33	29	78	36	.189	.162	.80	.43	6.4	7.8	6.8
May	27.943	28.166	27.698	46.2	64.4	66.2	44.9	55.6	86	35	39	36	77	38	.248	.222	1.21	.41	6.6	7.8	7.0
June	27.863	28.188	27.639	54.0	72.4	74.1	52.4	63.2	90	45	47	43	78	39	.329	.288	3.01	.72	6.5	6.9	6.7
July	27.972	28.185	27.695	56.2	79.3	80.9	54.8	67.8	95	43	47	40	72	26	.331	.259	.37	.22	3.8	5.0	4.2
August	27.982	28.209	27.580	56.9	79.7	82.4	54.9	68.6	95	41	46	42	69	28	.321	.271	.22	.13	4.2	5.9	5.3
September	28.001	28.304	27.649	48.0	70.6	72.8	45.2	59.0	89	34	39	36	73	32	.244	.224	.86	.37	3.4	4.3	4.1
October	28.054	28.472	27.580	38.7	51.3	54.3	35.8	45.0	73	26	35	34	86	55	.206	.199	1.58	.32	5.4	6.5	6.6
November	27.928	28.337	27.503	38.2	43.5	46.4	34.7	40.6	56	28	34	34	84	70	.194	.197	2.58	.93	7.7	8.4	8.7
December	28.092	28.438	27.252	29.3	34.3	35.6	26.9	31.2	47	15	27	29	91	80	.146	.157	.93	.45	7.8	7.2	8.0
Year	27.984	28.472	27.252	39.9	54.2	56.4	37.4	46.9	95	− 3	34	33	79	50	.212	.196	16.74	.93	5.9	6.8	6.6

SPRINGFIELD, ILL.

[ϕ=39° 48′ N.; λ=89° 39′ W.]

January	29.367	29.874	28.926	28.4	32.3	38.7	22.5	30.6	56	3	24	26	85	79	0.139	0.154	3.55	1.10	7.1	6.1	7.4
February	29.400	29.830	28.872	22.0	29.9	34.6	19.0	26.8	64	0	17	23	80	74	.104	.141	1.35	.43	6.0	5.3	6.2
March	29.353	29.954	28.593	31.9	40.4	47.6	28.2	37.9	70	0	26	31	80	69	.154	.191	5.55	2.22	6.0	6.8	6.6
April	29.372	29.752	28.971	47.0	57.2	63.5	43.6	56.3	83	34	38	41	72	58	.239	.261	3.55	1.81	5.4	4.4	5.3
May	29.328	29.755	29.050	59.0	69.7	76.4	53.5	65.0	93	34	48	49	68	50	.355	.367	.96	.52	6.5	5.7	5.5
June	29.356	29.827	29.149	70.1	80.9	88.8	63.7	76.2	100	41	56	56	62	46	.479	.488	1.84	1.60	4.0	3.9	3.8
July	29.309	29.493	28.949	73.8	84.8	91.0	69.1	80.0	103	56	64	62	71	49	.609	.586	1.66	1.33	3.8	4.0	4.1
August	29.322	29.533	29.148	72.1	83.7	90.8	69.0	79.9	101	57	63	63	73	51	.586	.580	2.88	1.35	3.7	5.4	3.6
September	29.373	29.594	28.992	60.2	69.6	77.9	57.6	67.8	99	36	52	55	77	62	.417	.460	3.41	.93	5.7	4.3	5.2
October	29.333	29.933	28.995	47.2	55.0	61.9	45.3	53.6	82	25	43	45	85	70	.301	.332	3.61	.96	5.5	4.4	5.7
November	29.412	29.931	29.057	44.5	50.7	56.8	41.7	49.2	75	23	39	41	81	70	.266	.289	4.49	1.70	6.5	5.2	6.3
December	29.463	29.812	29.088	35.0	38.5	42.9	32.8	37.8	58	21	31	33	84	79	.183	.197	.77	.22	6.5	6.0	6.6
Year	29.366	29.954	28.593	49.3	57.7	64.2	45.5	54.9	103	0	42	44	76	63	.319	.337	33.62	2.22	5.6	5.1	5.5

SPRINGFIELD, MO.

[ϕ=37° 12′ N.; λ=93° 18′ W.]

January	28.645	29.101	28.052	30.6	35.9	44.3	24.0	34.2	68	5	26	28	84	74	0.154	0.164	3.40	1.89	5.7	4.9	5.2
February	28.661	29.045	28.144	26.5	34.2	39.2	22.9	31.0	69	4	22	27	85	76	.130	.157	2.40	1.37	4.9	4.9	5.0
March	28.645	29.060	27.876	34.3	45.1	51.5	31.1	41.3	71	6	28	32	78	65	.166	.196	5.09	2.56	5.0	4.8	5.1
April	28.628	29.000	28.252	50.3	61.8	66.4	47.0	56.7	86	33	40	40	70	49	.259	.257	2.05	.85	3.7	3.6	3.9
May	28.607	28.846	28.365	59.5	71.3	76.1	56.3	66.2	90	46	52	51	77	52	.398	.392	2.38	1.30	4.5	2.8	2.6
June	28.653	28.948	28.411	68.1	78.3	84.1	64.4	74.2	92	47	60	58	74	53	.524	.507	2.71	1.76	2.6	3.5	2.1
July	28.634	28.812	28.234	72.7	83.4	88.6	69.8	79.2	96	63	65	65	78	56	.627	.625	3.84	1.75	4.2	3.8	3.0
August	28.633	28.806	28.462	72.9	86.2	93.3	70.6	82.0	99	60	61	57	67	41	.550	.495	.68	.60	0.9	2.2	1.2
September	28.642	28.787	28.289	62.0	70.4	76.6	60.1	68.4	99	41	56	54	81	62	.461	.438	3.85	1.82	4.7	5.5	4.6
October	28.635	29.152	28.377	49.0	56.2	64.0	46.0	55.0	83	22	44	44	84	66	.324	.315	3.57	1.48	5.1	3.6	4.9
November	28.699	29.128	28.396	48.7	55.0	60.5	45.4	53.0	75	25	42	43	78	66	.298	.305	1.59	.70	5.8	4.7	6.1
December	28.728	29.080	28.295	35.9	39.2	43.5	33.4	38.4	56	20	34	34	91	82	.200	.203	2.71	1.40	7.0	7.1	7.1
Year	28.651	29.152	27.876	50.9	59.8	65.7	47.6	56.6	99	4	44	44	79	62	.341	.338	34.27	2.56	4.5	4.3	4.2

SYRACUSE, N. Y.

[ϕ=43° 2′ N.; λ=76° 10′ W.]

January	29.390	30.027	27.684	31.7	34.5	41.7	25.9	33.8	56	4	26	27	78	74	0.146	0.156	3.80	1.24	7.8	7.1	7.6
February	29.350	29.863	28.945	18.5	21.5	29.2	14.5	21.8	59	− 6	13	15	80	74	.086	.090	2.60	.63	7.3	5.4	6.8
March	29.394	30.097	28.743	35.7	36.0	45.2	26.7	36.0	70	4	29	28	78	73	.182	.171	4.84	1.97	8.0	4.4	6.9
April	29.387	29.853	29.053	44.3	49.2	56.5	38.9	47.7	83	26	34	36	67	61	.212	.225	2.01	.64	5.4	5.1	5.0
May	29.389	29.703	29.121	52.4	56.5	63.5	46.6	55.0	88	32	42	42	69	61	.278	.282	2.79	1.52	5.8	5.1	5.3
June	29.397	29.884	29.084	62.1	67.7	74.3	54.5	64.4	88	37	51	52	68	59	.392	.414	2.10	.62	4.5	3.7	3.8
July	29.327	29.591	29.025	68.1	72.1	79.8	60.9	70.4	93	52	56	55	68	57	.468	.454	.95	.77	5.4	4.0	4.0
August	29.404	29.774	29.068	66.0	70.7	79.0	59.5	69.2	93	46	55	53	69	56	.443	.413	2.16	1.43	5.0	3.8	4.5
September	29.502	29.941	29.136	56.6	61.3	70.5	51.0	60.8	90	33	48	50	76	67	.356	.371	1.87	1.42	4.8	4.6	5.0
October	29.347	29.748	28.450	51.3	52.6	60.4	46.3	53.5	79	29	46	46	84	81	.329	.329	3.29	1.23	6.2	6.3	6.5
November	29.450	29.846	28.287	40.5	44.6	50.8	36.1	43.4	71	23	34	33	78	66	.205	.202	2.03	1.03	8.1	6.2	7.5
December	29.384	29.753	28.713	30.8	32.5	38.0	26.0	32.0	53	8	25	26	80	78	.142	.148	2.40	1.50	7.3	6.9	7.3
Year	29.393	30.097	27.684	46.5	49.9	57.4	40.6	49.0	93	− 6	38	39	75	67	.270	.271	30.84	1.97	6.3	5.2	5.8

Annual meteorological summary for the year ending December 31, 1913—Continued.

SPOKANE, WASH.

[H=1,929 ft.; h_t=101 ft.; h_r=94 ft.; h_a=110 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	5.4	NW.	33	NW.	0	4	9	0	4	8	14	7	16	0	4	5	22	16	14	18	14	0	5	21	0	31	0	0
February	4.0	NE.	22	SW.	0	9	15	3	1	3	9	11	4	1	6	9	13	6	4	8	4	0	0	13	0	25	0	0
March	6.8	SW.	30	SW.	0	4	11	2	3	9	21	5	7	0	4	7	20	15	6	12	7	0	3	2	0	21	0	0
April	6.8	S.	36	SW.	0	4	12	4	6	15	13	2	3	1	4	9	17	6	5	2	0	1	1	0	0	6	0	0
May	6.3	SW.	33	W.	0	1	10	6	1	5	21	13	4	1	5	9	17	11	7	0	0	0	1	0	0	0	2	0
June	6.3	S.	26	SW.	0	7	7	2	4	14	11	6	7	2	8	4	18	13	11	0	0	1	0	0	1	0	4	0
July	6.6	NE.	36	W.	0	4	14	7	2	8	12	10	3	2	15	10	6	8	2	0	0	0	0	0	6	0	2	0
August	6.1	SW.	30	W.	0	5	10	7	6	6	14	8	5	1	9	13	9	6	2	0	0	0	0	0	9	0	5	0
September	5.6	E.	33	W.	0	5	6	13	1	9	10	9	2	5	15	9	6	6	4	0	0	0	1	0	0	0	1	0
October	5.0	W.	39	W.	0	8	10	2	2	7	9	15	6	3	7	8	16	12	12	2	0	0	4	0	0	8	0	0
November	6.4	S.	30	W.	0	4	6	7	0	17	11	11	3	1	1	5	24	18	12	3	2	0	3	0	0	9	0	0
December	3.8	NE.	29	SW.	0	8	20	12	0	6	4	3	7	2	4	5	22	11	6	12	9	0	5	6	0	29	0	0
Year	5.8	SW.	39	W.	0	63	130	65	30	107	149	100	67	19	82	93	190	128	85	57	36	2	23	42	16	129	14	0

SPRINGFIELD, ILL.

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

January	10.7	S.	27	W.	0	6	4	1	5	18	7	9	12	0	5	7	19	14	12	8	3	0	0	9	0	28	1	0
February	9.0	W.	30	SW.	0	5	3	4	1	15	4	12	12	0	9	5	14	10	7	10	6	0	0	14	0	23	0	0
March	10.3	S.	36	SW.	0	5	4	2	5	20	6	11	9	0	7	6	18	11	9	10	5	1	2	5	0	18	5	0
April	10.0	E.	31	S.	0	9	3	12	3	12	5	8	8	0	11	10	9	9	8	1	0	0	0	0	0	0	3	0
May	9.2	S.	31	S.	0	5	4	5	7	14	11	6	10	0	9	11	11	5	5	0	0	0	0	0	3	0	5	0
June	7.9	SW.	27	NW	0	3	10	8	1	18	10	7	3	0	15	9	6	5	3	0	0	0	0	0	15	0	5	0
July	7.5	SW.	30	E.	0	5	4	4	9	8	16	9	7	0	15	13	3	6	3	0	0	0	0	0	19	0	6	0
August	7.0	S.	33	N.	0	9	10	11	6	11	8	2	5	0	17	10	4	6	6	0	0	0	0	0	18	0	10	0
September	7.7	E.	26	NW.	0	4	10	13	8	13	3	6	3	0	13	3	14	10	9	0	0	0	1	0	7	0	3	0
October	8.1	S.	25	S.	0	10	3	2	12	10	4	11	10	0	8	10	13	12	10	3	2	0	3	0	0	5	1	0
November	9.3	S.	30	NW.	0	3	5	2	11	22	4	3	9	1	9	7	14	13	10	1	0	0	1	0	0	4	3	0
December	6.7	SW.	36	NW.	0	13	5	7	6	5	10	9	7	0	10	3	18	7	6	6	2	0	4	5	0	15	0	0
Year	8.6	S.	36	SW.	0	77	65	71	74	166	88	93	95	1	128	94	143	108	88	39	18	1	11	33	62	93	42*	0

SPRINGFIELD, MO.

[H=1,324 ft.; h_t=98 ft.; h_r=7 ft.; h_a=104 ft.]

January	12.6	S.	31	S.	0	9	3	1	14	14	5	4	12	0	11	8	12	9	7	6	2	0	0	5	0	25	3	0
February	10.1	N.	37	SW.	0	11	4	5	9	5	9	5	8	0	12	3	13	10	9	8	4	0	1	11	0	21	2	0
March	13.8	S.	44	SW.	1	8	1	2	11	13	7	7	13	0	13	6	12	8	6	4	1	1	1	4	0	16	4	0
April	12.3	SE.	47	S.	1	3	3	4	20	7	5	6	12	0	16	7	7	6	4	0	0	0	0	0	0	0	4	0
May	10.9	S.	35	S.	0	5	7	4	15	19	5	2	5	0	21	7	3	10	7	0	0	0	0	0	2	0	7	0
June	8.9	S.	34	SW.	0	0	6	6	15	23	5	2	3	0	22	7	1	6	6	0	0	0	0	0	7	0	9	0
July	9.0	S.	41	NW.	1	4	8	3	7	23	14	2	1	0	17	12	2	9	7	0	0	0	0	0	14	0	7	0
August	8.2	S.	31	E.	0	2	8	6	13	21	8	3	1	0	28	3	0	3	2	0	0	0	0	0	24	0	6	0
September	9.3	SE.	29	S.	0	4	8	9	14	10	6	3	6	0	14	6	10	11	9	0	0	0	1	0	5	0	5	0
October	9.8	S.	31	NW.	0	8	4	2	16	11	3	2	15	1	12	8	11	9	9	4	3	0	0	1	0	7	2	0
November	11.4	S.	35	NW.	0	4	3	0	19	22	3	2	7	0	8	7	15	7	4	0	0	0	0	0	0	4	3	0
December	8.0	SE.	40	E.	1	4	5	6	16	8	6	6	10	1	7	4	20	9	8	6	4	0	0	8	0	17	0	0
Year	10.4	S.	47	S.	4	62	60	48	169	176	76	44	93	2	181	78	106	97	78	28	14	1	3	29	52	90	52	0

SYRACUSE, N. Y.

[H=597 ft.; h_t=97 ft.; h_r=65 ft.; h_a=113 ft.]

January	15.1	S.	54	S.	6	0	1	3	6	20	10	14	8	0	4	6	21	16	13	12	7	0	0	5	0	24	1	0
February	14.0	W.	47	NW.	3	2	2	4	1	10	9	18	10	0	6	5	17	15	11	18	13	0	0	18	0	27	0	0
March	17.2	S.	54	S.	9	2	3	2	4	25	4	13	9	0	5	8	18	19	17	13	9	0	1	9	0	20	1	0
April	13.1	NW.	60	NW.	1	10	3	5	6	8	1	14	13	0	14	1	15	13	9	4	2	0	0	0	0	10	3	0
May	10.4	NW.	37	NW.	0	3	4	7	3	5	7	15	18	0	12	9	10	8	6	0	0	0	1	0	0	0	2	0
June	9.1	NW.	35	NW.	0	9	3	2	1	13	8	7	17	0	18	7	5	10	7	0	0	0	0	0	0	0	6	0
July	11.2	NW.	54	SW.	2	2	1	3	2	12	9	19	14	0	17	9	5	5	4	0	0	0	0	0	2	0	7	0
August	9.6	S.	34	S.	0	12	4	4	0	15	13	8	6	0	14	11	6	11	6	0	0	0	0	0	3	0	4	0
September	8.8	S.	36	NW.	0	9	1	2	9	18	5	5	11	0	12	8	10	9	6	0	0	0	0	0	2	0	1	0
October	10.5	NW.	40	S.	1	7	2	4	5	16	4	10	14	0	5	14	12	16	12	3	1	0	0	0	0	1	1	0
November	13.6	SW.	48	S.	2	2	3	3	7	14	12	13	6	0	2	9	19	15	19	6	5	0	0	0	0	11	0	0
December	11.7	W.	45	S.	1	6	2	4	4	13	13	15	5	0	5	6	20	10	7	13	8	0	0	7	0	21	0	0
Year	12.0	S.	60	NW.	25	64	29	43	48	169	95	151	131	0	114	93	158	147	108	69	45	0	2	39	7	114	26	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

TACOMA, WASH.

[ϕ=47° 16′ N.; λ=122° 22′ 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	29.861	30.400	29.063	35.0	38.2	40.2	32.0	36.1	50	18	32	34	90	84	0.187	0.197	7.44	1.80	7.0	8.1	8.4
February	29.910	30.215	29.525	35.4	43.7	45.2	32.5	38.9	58	25	32	36	89	75	.188	.217	1.54	.64	4.8	7.2	7.1
March	29.902	30.328	29.465	37.7	46.0	48.4	35.4	41.9	56	22	34	36	85	69	.197	.214	2.20	.77	6.8	6.8	7.1
April	29.827	30.260	29.455	42.3	54.1	56.7	40.8	48.8	70	32	39	38	86	56	.236	.232	1.29	.43	7.3	8.2	7.0
May	29.861	30.144	29.607	47.6	59.3	61.1	46.0	53.6	72	40	43	44	84	60	.277	.296	2.29	.75	8.2	6.5	6.7
June	29.755	30.023	29.525	52.8	65.8	67.9	51.4	59.6	82	45	49	51	87	61	.349	.378	2.16	.44	7.7	6.0	6.3
July	29.859	30.156	29.620	54.9	71.1	72.6	53.6	63.1	89	47	50	55	86	58	.369	.434	.55	.22	5.7	4.5	5.3
August	29.851	30.093	29.637	56.0	72.8	74.6	54.4	64.5	90	47	52	53	86	52	.388	.418	.72	.56	6.6	5.0	5.5
September	29.841	30.132	29.432	51.7	65.3	67.2	48.9	58.0	79	40	48	48	87	56	.337	.338	2.97	1.31	4.9	5.1	5.4
October	29.923	30.345	29.410	45.7	53.5	55.3	42.9	49.1	65	32	44	47	92	80	.286	.329	3.45	.94	6.2	7.8	8.0
November	29.720	30.130	29.218	43.5	47.2	50.9	39.7	45.3	59	32	41	44	92	90	.262	.294	5.59	1.12	7.8	8.7	8.7
December	29.824	30.240	29.103	38.3	43.4	45.4	34.6	40.0	55	25	37	42	96	93	.225	.263	3.00	.78	5.6	7.3	8.7
Year	29.844	30.400	29.063	45.1	55.0	57.1	42.7	49.9	90	18	42	44	88	70	.275	.301	33.20	1.80	6.6	6.8	7.0

TAMPA, FLA.

[ϕ=27° 57′ N.; λ=82° 27′ W.]

January	30.139	30.381	29.729	62.0	68.9	76.2	60.0	68.1	83	45	59	60	90	75	0.515	0.537	1.04	0.55	3.8	2.9	3.9
February	30.042	30.294	29.831	59.0	65.2	72.6	56.5	64.6	80	44	54	55	85	72	.442	.457	4.02	1.37	4.9	5.3	5.5
March	30.105	30.424	29.830	64.7	70.0	78.1	61.8	70.0	86	49	60	61	87	74	.547	.553	3.09	.86	5.3	4.0	5.5
April	30.046	30.295	29.832	66.1	70.5	78.7	61.0	69.8	86	53	56	55	71	59	.464	.438	1.39	1.39	2.2	2.2	2.6
May	30.005	30.199	29.884	72.0	76.1	84.7	65.7	75.2	89	59	64	62	77	62	.603	.553	1.49	1.35	2.6	3.4	3.3
June	30.004	30.137	29.892	75.9	78.6	88.1	69.7	78.9	96	59	69	68	80	72	.716	.691	6.75	2.11	4.1	6.0	4.7
July	30.054	30.193	29.880	79.5	79.9	89.8	72.6	81.2	93	65	74	72	82	75	.826	.798	7.01	1.66	2.4	6.9	4.7
August	29.990	30.148	29.820	77.7	78.8	87.9	72.6	80.2	92	68	73	72	86	80	.805	.779	11.08	2.60	4.0	7.2	6.0
September	29.983	30.110	29.872	75.4	77.8	87.4	70.9	79.2	91	59	70	70	85	77	.751	.730	2.44	1.04	3.1	5.4	4.5
October	29.995	30.234	29.803	67.2	71.7	80.3	63.2	71.8	89	48	60	61	78	70	.537	.550	1.54	.73	3.8	3.3	3.9
November	30.114	30.325	29.713	61.0	68.3	76.2	58.6	67.4	83	40	55	58	82	70	.456	.495	.27	.27	4.8	4.7	5.8
December	30.047	30.321	29.740	57.1	62.9	70.5	54.3	62.4	82	38	54	57	89	82	.431	.479	4.20	1.60	6.5	5.0	6.1
Year	30.044	30.424	29.713	68.1	72.4	80.9	63.9	72.4	96	38	62	63	83	73	.591	.588	44.37	2.60	4.0	4.7	4.7

TANANA, ALASKA.

[ϕ=65° 12′ N.; λ=152° 0′ W.]

January	29.81	30.34	29.18	.....	.....	−17.2	−29.6	−23.4	8	−43	.....	.....	.....	.....	.....	.....	0.41	0.12	.....	.....	.....
February	29.74	30.47	29.00	.....	.....	13.1	− 0.9	6.1	30	−32	.....	.....	.....	.....	.....	.....	.86	.28	.....	.....	.....
March	29.72	30.35	29.09	.....	.....	18.7	− 2.1	8.3	31	−24	.....	.....	.....	.....	.....	.....	.75	.25	.....	.....	.....
April	29.46	29.96	28.91	.....	.....	34.7	13.1	23.9	48	−19	.....	.....	.....	.....	.....	.....	.12	.10	.....	.....	.....
May	29.50	30.07	29.16	.....	.....	59.1	33.0	46.0	71	20	.....	.....	.....	.....	.....	.....	1.57	.46	.....	.....	.....
June	29.53	29.98	29.20	.....	.....	77.0	45.5	61.2	87	34	.....	.....	.....	.....	.....	.....	.20	.08	.....	.....	.....
July	29.57	29.94	29.18	.....	.....	72.1	44.1	58.1	82	36	.....	.....	.....	.....	.....	.....	1.70	.47	.....	.....	.....
August	29.66	30.00	29.16	.....	.....	61.1	39.0	50.0	74	18	.....	.....	.....	.....	.....	.....	1.79	.63	.....	.....	.....
September	29.48	29.79	29.09	.....	.....	44.9	28.7	36.8	58	18	.....	.....	.....	.....	.....	.....	1.28	.26	.....	.....	.....
October	29.59	30.06	29.01	.....	.....	25.4	12.6	19.0	45	− 9	.....	.....	.....	.....	.....	.....	1.07	.24	.....	.....	.....
November	29.30	29.94	28.90	.....	.....	7.8	− 7.8	0.0	24	−31	.....	.....	.....	.....	.....	.....	1.11	.26	.....	.....	.....
December	29.37	29.88	28.57	.....	.....	− 3.1	−18.5	−10.8	11	−56	.....	.....	.....	.....	.....	.....	.50	.19	.....	.....	.....
Year	29.56	30.47	28.57	.....	.....	32.7	13.1	22.9	87	−56	.....	.....	.....	.....	.....	.....	11.36	.63	.....	.....	.....

TATOOSH ISLAND, WASH.

[ϕ=48° 23′ N.; λ=124° 44′ W.]

January	29.917	30.509	29.004	38.1	38.7	42.1	35.3	38.7	49	28	37	37	90	93	0.222	0.222	11.74	2.63	7.7	8.3	8.0
February	30.000	30.332	29.609	39.6	42.2	45.0	37.6	41.3	49	32	37	40	91	90	.222	.245	7.56	3.49	6.0	6.1	5.9
March	29.993	30.441	29.530	39.7	42.6	45.0	37.2	41.1	52	26	38	3	92	88	.227	.243	4.80	.99	6.4	6.7	6.8
April	29.924	30.324	29.424	43.7	47.1	50.4	41.6	46.0	59	37	41	44	91	89	.259	.286	3.39	.78	7.4	7.6	7.1
May	29.983	30.282	29.725	47.5	51.3	53.8	46.3	50.0	60	40	45	48	92	89	.302	.323	3.76	.89	7.4	7.5	7.2
June	29.876	30.106	29.650	51.9	56.5	58.9	50.5	54.7	65	45	50	53	94	88	.361	.402	6.75	1.54	7.5	6.9	6.6
July	29.987	30.276	29.723	53.5	59.3	62.0	52.2	57.1	73	50	5	56	94	88	.384	.448	3.11	1.27	5.6	4.3	5.3
August	29.987	30.258	29.708	53.7	57.2	60.3	51.7	56.2	73	48	53	55	96	92	.335	.431	.94	.32	5.0	6.2	6.5
September	29.941	30.265	29.392	52.2	55.9	58.8	49.9	54.4	67	46	50	52	93	88	.358	.382	6.37	2.21	5.7	5.2	5.5
October	30.014	30.481	29.432	48.0	50.9	53.7	45.9	49.8	60	43	45	45	87	82	.299	.304	3.75	2.86	5.6	5.5	6.3
November	29.756	30.209	29.120	45.4	45.9	49.5	42.2	45.8	58	36	42	41	89	89	.269	.276	15.06	2.64	7.2	7.6	7.4
December	29.861	30.340	29.145	44.7	45.4	48.1	42.2	45.2	57	38	41	42	88	88	.259	.267	6.06	1.16	7.2	6.5	7.4
Year	29.937	30.509	29.004	46.5	49.4	52.4	44.4	48.4	73	26	44	46	92	88	.296	.320	78.27	3.49	6.6	6.5	6.7

Annual meteorological summary for the year ending December 31, 1913—Continued.

TACOMA, WASH.

[H=213 ft.; h_t=113 ft.; h_r=104 ft.; h_a=120 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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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	5.8	SW.	25	N.	0	4	6	4	6	15	21	6	0	0	3	4	24	18	15	13	8	0	4	2	0	16	0	0
February	5.2	SW.	27	SW.	0	12	7	5	2	3	16	5	3	3	6	6	16	9	8	5	1	0	3	0	0	15	0	0
March	7.2	SW.	31	SW.	0	14	3	4	2	7	24	6	2	0	3	12	16	12	10	4	2	0	3	0	0	8	0	0
April	5.9	SW.	27	SW.	0	13	4	1	2	6	18	12	4	0	2	13	15	12	7	0	0	0	2	0	0	0	0	0
May	5.9	SW.	23	W.	0	17	4	0	2	3	19	10	7	0	5	13	13	11	9	0	0	1	0	0	0	0	1	0
June	6.0	N.	24	SW.	0	17	2	1	1	2	19	11	4	3	4	14	12	14	11	0	0	0	0	0	0	0	1	0
July	5.8	N.	24	SW.	0	23	3	1	1	2	22	5	3	2	10	15	6	5	3	0	0	0	0	0	0	0	0	0
August	5.7	N.	24	SW.	0	19	2	0	0	2	14	13	6	6	8	17	6	4	4	0	0	0	2	0	1	0	2	0
September	5.2	N.	27	W.	0	23	1	1	2	3	18	4	4	4	12	11	7	8	6	0	0	0	3	0	0	0	0	0
October	5.2	SW.	24	NE.	0	16	6	1	4	6	22	4	0	3	1	10	20	14	12	0	0	3	6	0	0	0	1	0
November	6.5	SW.	34	SW.	0	9	7	3	2	13	23	1	2	0	0	4	26	20	18	0	0	0	4	0	0	0	0	0
December	3.6	SW.	20	SW.	0	6	4	3	10	12	21	2	4	0	0	7	24	15	13	2	0	0	17	0	0	9	0	0
Year	5.7	SW.	34	SW.	0	173	49	24	34	74	237	79	39	21	54	126	185	142	116	24	11	4	44	2	1	49	5	0

TAMPA, FLA.

[H=35 ft.; h_t=79 ft.; h_r=71 ft.; h_a=96 ft.]

January	7.6	NE.	30	NW.	0	2	22	11	5	6	5	5	6	0	17	8	6	4	3	0	0	0	3	0	0	0	0	0
February	7.5	NE.	46	NE.	1	8	16	2	2	8	7	2	10	1	8	10	10	10	8	0	0	0	2	0	0	0	1	0
March	9.0	NE.	24	NE.	0	6	21	7	7	9	4	4	3	1	11	8	12	8	8	0	0	0	2	0	0	0	1	0
April	8.1	W.	32	NE.	0	5	14	9	2	1	0	15	12	2	22	6	2	2	2	0	0	0	0	0	0	0	0	0
May	6.5	NE.	27	E.	0	0	20	8	6	1	4	12	11	0	19	8	4	3	3	0	0	0	0	0	0	0	8	0
June	6.2	E.	27	E.	0	1	12	13	13	4	5	5	7	0	9	17	4	9	8	0	0	0	0	0	10	0	13	0
July	5.3	E.	33	NE.	0	1	9	13	10	4	9	9	7	0	9	20	2	19	17	0	0	0	0	0	18	0	26	0
August	6.0	NE.	29	E.	0	2	24	8	9	4	3	9	3	0	5	19	7	18	17	0	0	0	0	0	10	0	19	0
September	6.9	NE.	29	SE.	0	1	32	12	5	3	0	3	4	0	12	11	7	13	12	0	0	0	0	0	5	0	11	0
October	6.7	NW.	26	SW.	0	12	17	3	2	4	1	6	17	0	16	7	8	6	4	0	0	0	0	0	0	0	2	0
November	8.3	NE.	25	NW.	0	8	39	4	0	0	2	3	4	0	4	17	9	2	2	0	0	0	1	0	0	0	0	0
December	6.7	NE.	38	SW.	0	13	24	2	1	6	3	3	10	0	9	11	11	9	9	0	0	0	1	0	0	0	1	0
Year	7.1	NE.	46	NE.	1	59	250	92	62	50	43	76	94	4	141	142	82	103	93	0	0	0	9	0	43	0	82	0

TANANA, ALASKA.

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

January	.....	NE.	....	.....	....	1	9	5	2	0	2	3	2	7	20	4	7	9	5	....	....	....	....	....	....	....	....	....
February	.....	NE.	....	.....	....	1	9	7	2	0	0	1	2	6	9	5	14	10	7	....	....	....	....	....	....	....	....	....
March	.....	NE.	....	.....	....	3	15	8	0	0	0	0	0	5	19	6	6	5	5	....	....	....	....	....	....	....	....	....
April	.....	E.	....	.....	....	1	3	14	4	0	0	3	3	2	20	6	4	2	0	....	....	....	....	....	....	....	....	....
May	.....	SE.	....	.....	....	4	2	2	7	0	6	0	1	9	9	12	10	11	9	....	....	....	....	....	....	....	....	....
June	.....	E.	....	.....	....	2	6	6	4	1	2	1	1	7	14	9	7	4	3	....	....	....	....	....	....	....	....	....
July	.....	NE.	....	.....	....	2	6	5	1	2	2	3	1	9	.....	.....	.....	13	9	....	....	....	....	....	....	....	....	....
August	.....	W.	....	.....	....	1	4	3	0	0	4	11	2	6	.....	.....	.....	16	11	....	....	....	....	....	....	....	....	....
September	.....	NE.	....	.....	....	3	13	8	0	0	1	1	0	4	.....	.....	.....	11	8	....	....	....	....	....	....	....	....	....
October	.....	E.	....	.....	....	5	8	9	1	2	1	1	2	2	.....	.....	.....	9	7	....	....	....	....	....	....	....	....	....
November	.....	NE.	....	.....	....	6	7	5	2	1	1	2	1	5	.....	.....	.....	13	9	....	....	....	....	....	....	....	....	....
December	.....	E.	....	.....	....	3	5	14	0	0	1	1	0	7	.....	.....	.....	9	4	....	....	....	....	....	....	....	....	....
Year	.....	NE.	....	.....	....	32	87	86	23	6	20	27	15	69	.....	.....	.....	112	77	....	....	....	....	....	....	....	....	....

TATOOSH ISLAND, WASH.

[H=86 ft.; h_t=7 ft.; h_r=4 ft.; h_a=57 ft.]

January	17.2	E.	64	SW.	9	2	4	16	9	14	5	8	4	0	1	9	21	26	20	14	13	0	0	0	0	8	1	0
February	18.9	E.	66	E.	9	0	6	29	3	10	2	4	2	0	9	8	11	9	8	4	2	0	1	0	0	1	0	0
March	16.5	S.	56	S.	9	2	7	13	9	12	4	10	3	1	5	11	15	16	15	5	2	1	3	0	0	5	0	0
April	14.6	S.	62	S.	6	0	11	13	4	17	3	11	1	0	4	12	14	19	16	0	0	1	0	0	0	0	0	0
May	11.3	W.	48	S.	1	2	4	6	5	12	11	18	4	0	4	10	17	16	10	0	0	0	3	0	0	0	0	0
June	10.4	SW.	35	E.	0	1	6	7	3	13	11	15	4	0	5	11	14	16	14	0	0	0	4	0	0	0	0	0
July	10.6	SW.	60	SW.	1	3	5	5	3	10	18	15	3	0	10	14	7	12	6	0	0	0	4	0	0	0	0	0
August	11.2	S.	45	NE.	3	2	8	5	2	24	14	5	1	1	6	11	14	12	7	0	0	0	17	0	0	0	1	0
September	14.6	S.	52	S.	5	1	15	9	5	14	7	7	2	0	10	9	11	14	13	0	0	0	10	0	0	0	4	0
October	15.3	E.	50	E.	6	0	11	16	4	15	3	12	1	0	10	5	16	16	14	0	0	0	6	0	0	0	0	0
November	20.7	E.	64	S.	19	0	6	20	9	15	2	8	0	0	2	12	16	24	23	1	0	0	2	0	0	0	2	0
December	21.3	E.	62	E.	13	0	1	35	13	8	3	2	0	0	2	11	18	19	17	1	0	0	0	0	0	0	2	0
Year	15.2	E.	66	E.	81	13	84	175	69	164	83	115	25	2	68	123	174	199	163	25	17	2	50	0	0	14	10	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

TAYLOR, TEX.

[ϕ=30° 35′ N.; λ=97° 20′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	29.527	29.961	29.073	42.5	.....	59.0	38.2	48.6	75	16	38	....	85	....	0.261	.....	1.62	1.10	5.7	.....	5.6
February	29.477	29.807	29.088	40.6	.....	57.2	38.3	47.8	79	28	38	....	92	....	.249	.....	3.82	1.74	5.8	.....	6.1
March	29.506	29.945	29.084	47.7	.....	67.4	44.9	56.2	90	27	43	....	84	....	.310	.....	.80	.60	5.8	.....	5.2
April	29.466	29.810	29.093	54.9	.....	77.3	52.0	64.6	90	37	50	....	84	....	.386	.....	1.25	1.06	4.2	.....	3.6
May	29.393	29.588	29.270	64.8	.....	84.4	61.7	73.0	95	54	62	....	91	....	.561	.....	4.94	2.82	4.6	.....	4.2
June	29.400	29.543	29.304	71.3	.....	88.6	68.9	78.8	96	60	68	....	88	....	.682	.....	1.49	.83	5.4	.....	5.5
July	29.434	29.601	29.277	75.4	.....	95.8	73.4	84.6	102	70	69	....	82	....	.715	.....	.01	.01	1.8	.....	3.2
August	29.414	29.554	29.302	73.8	.....	94.9	71.9	83.4	99	66	68	....	84	....	.702	.....	2.08	.81	2.9	.....	4.2
September	29.374	29.573	29.219	67.1	.....	82.5	64.2	73.4	99	50	65	....	93	....	.627	.....	3.88	1.10	5.8	.....	6.2
October	29.451	29.868	29.209	57.3	.....	74.7	54.8	64.8	92	34	54	....	89	....	.468	.....	5.27	3.72	4.6	.....	4.5
November	29.511	29.864	29.197	58.5	.....	72.1	56.5	64.3	81	41	56	....	92	....	.473	.....	5.65	2.83	5.7	.....	6.2
December	29.530	29.920	29.256	44.7	.....	55.4	42.3	48.8	76	28	43	....	92	....	.295	.....	11.74	6.62	6.2	.....	5.8
Year	29.457	29.961	29.073	58.2	.....	75.8	55.6	65.7	102	16	54	....	88	....	.477	.....	43.55	6.62	4.9	.....	5.0

TERRE HAUTE, IND.

[ϕ=39° 29′ N.; λ=87° 24′ W.]

January	29.441	29.972	28.885	32.5	36.1	43.3	26.2	34.8	60	5	29	30	86	79	0.173	0.181	7.71	2.30	7.4	6.7	7.4
February	29.474	29.927	28.971	22.7	31.1	36.3	19.8	28.0	65	0	19	23	85	70	.116	.135	1.33	.51	5.2	4.7	5.8
March	29.435	30.043	28.627	34.2	43.1	50.1	30.1	40.1	72	4	28	33	78	69	.167	.209	6.62	2.96	5.6	6.8	6.4
April	29.447	29.829	29.086	46.7	57.2	62.7	44.2	53.4	80	35	38	42	72	61	.235	.280	2.17	.99	6.1	6.2	5.6
May	29.403	29.794	29.098	58.9	70.3	75.8	54.1	65.0	92	37	48	49	68	50	.350	.373	1.44	.64	5.8	5.3	5.8
June	29.426	29.881	29.254	69.2	80.6	88.0	64.1	76.0	100	44	57	57	66	49	.490	.508	1.06	.47	3.5	4.3	4.7
July	29.382	29.568	29.083	72.5	84.9	91.2	68.5	79.8	101	54	64	62	76	49	.613	.585	.91	.44	4.5	4.5	5.1
August	29.400	29.548	29.260	70.8	82.8	90.0	67.9	79.0	99	56	62	62	76	53	.583	.580	2.65	1.44	4.7	6.0	5.4
September	29.456	29.665	29.006	60.6	70.1	78.0	57.9	68.0	98	39	54	55	80	62	.437	.457	3.78	1.85	6.3	5.1	6.0
October	29.396	29.990	28.934	48.7	57.0	64.1	46.1	55.1	85	28	44	47	86	71	.308	.345	4.01	2.44	5.6	4.5	6.2
November	29.506	30.005	29.131	44.0	50.8	56.0	41.9	49.0	74	20	39	42	84	74	.259	.297	6.51	1.66	7.4	5.9	7.2
December	29.524	29.888	29.119	34.5	39.5	43.6	32.1	37.8	61	18	32	34	90	82	.190	.207	.57	.38	6.2	6.2	7.1
Year	29.441	30.043	28.627	49.6	58.6	64.9	46.1	55.5	101	0	43	45	79	64	.327	.346	38.76	2.96	5.7	5.5	6.1

THOMASVILLE, GA.

[ϕ=30° 48′ N.; λ=83° 58′ W.]

January	29.882	30.243	29.317	52.7	58.9	69.1	49.7	59.4	81	35	50	53	91	82	0.387	0.428	1.65	0.65	6.4	3.7	5.8
February	29.791	30.114	29.476	46.2	54.7	64.3	43.8	54.0	76	32	43	47	88	76	.291	.340	6.51	2.76	5.4	4.1	5.9
March	29.862	30.263	29.431	55.8	61.2	70.8	52.1	61.4	83	34	51	53	84	76	.414	.439	5.83	1.23	6.8	4.9	6.8
April	29.789	30.115	29.528	57.9	65.8	78.0	52.2	65.1	87	42	52	50	80	58	.394	.373	1.38	.81	2.5	2.4	2.7
May	29.743	29.968	29.500	66.4	73.8	86.1	60.5	73.3	98	52	60	59	81	62	.526	.515	2.87	.95	2.6	4.0	4.0
June	29.748	29.904	29.611	71.1	75.8	88.8	65.0	76.9	98	49	66	67	84	75	.645	.663	7.90	3 39	3.8	5.9	5.0
July	29.776	29.942	29.575	76.5	80.9	92.9	71.7	82.3	104	69	72	72	86	75	.779	.778	4.78	1.94	3.3	6.7	5.4
August	29.742	29.903	29.581	74.1	77.3	90.1	69.9	80.0	95	66	71	70	90	79	.761	.740	4.39	1.37	2.6	5.5	5.0
September	29.754	29.932	29.571	69.4	73.0	85.4	65.8	75.6	92	46	66	67	90	82	.662	.669	2.30	.72	5.9	3.6	5.7
October	29.745	30.069	29.475	55.4	63.1	78.5	51.5	65.0	93	34	52	53	89	72	.414	.429	3.32	2.82	2.3	1.8	2.5
November	29.900	30.134	29.459	49.7	58.0	72.6	47.0	59.8	79	28	47	51	90	77	.337	.389	.51	.36	3.8	1.8	4.2
December	29.800	30.151	29.301	47.6	54.0	63.9	44.0	54.0	83	26	44	47	89	79	.312	.347	2.51	.75	6.0	5.2	6.8
Year	29.794	30.263	29.301	60.2	66.4	78.4	56.1	67.2	104	26	56	57	87	74	.494	.509	43.95	3.39	4.3	4.1	5.0

TOLEDO, OHIO.

[ϕ=41° 40′ N.; λ=83° 34′ W.]

January	29.353	29.970	28.546	30.1	33.3	39.6	25.1	32.0	57	11	26	28	84	78	0.151	0.157	6.63	1.37	7.2	7.1	7.1
February	29.366	29.797	28.862	20.1	25.8	31.4	16.2	23.8	64	1	15	18	80	69	.096	.104	1.67	.60	6.1	4.8	4.6
March	29.346	29.947	28.564	31.5	38.5	45.6	26.6	36.1	69	2	26	29	79	69	.156	.178	7.99	2.69	6.1	5.9	5.0
April	29.394	29.864	29.022	45.2	51.2	57.3	39.6	48.4	80	29	34	37	66	60	.209	.228	2.37	.56	4.1	4.9	4.7
May	29.370	29.787	29.090	55.3	61.5	68.2	49.5	58.8	85	32	46	47	72	62	.320	.336	7.39	3.57	5.6	5.1	4.8
June	29.392	29.905	29.161	66.2	72.3	80.4	59.4	69.9	97	39	55	57	68	60	.450	.482	2.12	.70	3.5	3.7	2.7
July	29.318	29.553	28.907	70.7	76.3	83.7	64.7	74.2	94	52	61	60	72	59	.551	.535	3.38	1.18	2.9	3.9	2.6
August	29.358	29.565	29.145	68.4	75.1	82.5	63.7	73.1	93	54	60	62	75	65	.524	.569	.96	.43	4.4	4.1	3.5
September	29.439	29.741	28.995	58.9	65.5	72.2	54.0	63.1	97	36	52	52	78	65	.404	.415	2.51	.67	5.8	4.2	4.8
October	29.326	29.862	28.721	49.1	55.7	61.2	46.3	53.8	84	30	44	46	83	70	.307	.324	3.62	1.03	7.0	5.1	6.7
November	29.423	29.860	28.552	41.6	46.4	52.0	38.6	45.3	72	22	36	38	81	74	.229	.252	2.55	.66	6.5	5.9	6.3
December	29.428	29.724	28.766	32.8	36.3	41.5	29.4	35.4	59	15	29	30	84	76	.164	.172	.95	.51	7.0	5.7	6.9
Year	29.376	29.970	28.546	47.5	53.2	59.6	42.8	51.2	97	1	40	42	77	67	.297	.313	42.14	3.57	5.5	5.0	5.0

Annual meteorological summary for the year ending December 31, 1913—Continued.

TAYLOR, TEX.

[H=583 ft.; h_t=55 ft.; h_r=48 ft.; h_a=63 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.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow. 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.	Aurorus.
	Miles		*Mi.*																									
January	9.8	S.	32	SW.	0	7	1	0	1	12	1	1	8	0	10	6	15	6	3	2	0	0	1	1	0	8	1	0
February	9.2	N.	28	NW.	0	10	2	2	3	4	2	2	3	0	7	9	12	9	8	2	0	2	2	0	0	6	2	0
March	11.3	N.	40	S.	1	9	4	0	5	5	1	1	6	0	12	7	12	4	4	0	0	0	0	0	1	5	2	0
April	11.5	S.	56	S.	1	5	0	0	5	12	3	1	4	0	16	10	4	4	3	0	0	0	0	0	1	0	4	0
May	9.9	S.	31	SE.	0	4	0	1	7	16	1	0	2	0	14	11	6	8	7	0	0	0	1	1	0	4	0	0
June	8.7	S.	28	E.	0	0	6	5	5	13	0	0	1	0	7	16	7	8	7	0	0	0	0	0	0	16	0	0
July	9.4	S.	28	N.	0	0	2	0	4	17	7	0	1	0	19	11	1	1	0	0	0	0	0	0	0	31	0	0
August	6.4	S.	33	NE.	0	1	0	0	8	14	0	2	5	1	12	18	1	6	6	0	0	0	0	0	0	30	0	0
September	7.7	N.	31	NW.	0	7	2	3	7	3	1	0	6	1	8	8	14	12	9	0	0	0	1	1	0	7	0	0
October	8.1	S.	37	NW.	0	6	2	1	2	12	0	3	5	0	12	12	7	9	6	0	0	0	1	1	0	1	0	0
November	8.2	S.	35	W.	0	2	1	4	7	10	0	3	3	0	6	14	10	9	7	0	0	0	3	0	0	0	2	0
December	7.3	N.	31	NW.	0	16	5	2	2	0	2	1	2	1	8	11	12	11	11	0	0	0	1	0	0	5	4	0
Year	9.0	S.	56	S.	2	67	25	18	56	118	18	14	46	3	131	133	101	87	71	4	0	4	10	1	91	24	45	0

TERRE HAUTE, IND.

[H=575 ft.; h_t=96 ft.; h_r=84 ft.; h_a=129 ft.]

January	11.8	S.	33	S.	0	4	4	1	7	20	9	2	15	0	3	14	14	16	14	9	6	0	1	5	0	25	2	0
February	10.1	NW.	39	SW.	0	5	1	4	5	12	7	8	14	0	8	11	9	12	8	9	7	0	0	11	0	22	0	0
March	14.0	S.	52	SW.	3	7	1	4	5	20	9	7	9	0	5	16	10	15	10	10	7	0	0	5	0	17	6	0
April	12.1	N.	33	S.	0	14	8	7	4	12	6	5	4	0	8	13	9	10	7	0	0	0	0	0	0	0	2	0
May	9.8	S.	37	SW.	0	5	8	8	5	14	10	1	10	1	8	13	10	6	3	0	0	1	0	0	3	0	5	0
June	8.8	SW.	50	NE.	1	1	14	10	4	11	16	0	4	0	8	18	4	6	5	0	0	0	0	0	15	0	9	0
July	8.7	SW.	29	NE.	0	7	9	5	4	9	19	4	5	0	6	22	3	8	6	0	0	0	0	0	18	0	8	0
August	7.5	SW.	37	NE.	0	7	9	5	9	17	7	3	5	0	6	19	6	7	6	0	0	0	0	0	16	0	15	0
September	8.4	S.	33	S.	0	5	11	11	12	12	3	3	3	0	5	15	10	11	8	0	0	0	1	0	7	0	3	0
October	9.0	NW.	32	S.	0	6	5	4	9	10	8	8	11	1	7	11	13	10	8	2	1	0	1	0	6	4	1	0
November	10.2	S.	37	NW.	0	3	1	5	13	16	9	3	9	1	4	8	18	13	10	3	0	0	1	1	0	6	4	0
December	7.7	SW.	39	E.	0	11	7	7	3	7	13	5	8	1	7	4	20	6	3	3	1	0	4	4	0	18	0	0
Year	9.8	S.	52	SW.	4	75	78	71	80	160	116	49	97	4	75	164	126	120	86	36	22	1	8	26	59	92	55	0

THOMASVILLE, GA.

[H=273 ft.; h_t=8 ft.; h_r=4 ft.; h_a=57 ft.]

January	5.9	S.	33	SW.	0	3	9	8	10	15	5	4	5	3	11	6	14	10	6	0	0	0	1	0	0	0	0	0
February	5.3	NW.	29	S.	0	7	6	4	5	5	6	8	13	2	9	6	13	11	11	0	0	0	1	0	0	1	4	0
March	6.9	S.	29	W.	0	8	8	11	7	14	0	3	11	0	8	11	14	15	12	0	0	0	0	0	0	0	4	0
April	5.6	NW.	21	NW.	0	4	3	7	8	12	2	14	9	1	20	6	4	6	5	0	0	0	0	0	0	0	2	0
May	4.6	SE.	25	SE.	0	1	3	10	14	14	7	5	8	0	14	11	6	8	7	0	0	0	0	0	5	0	10	0
June	4.4	SW.	31	E.	0	4	7	4	12	10	7	9	6	1	10	11	9	16	10	0	0	1	0	0	19	0	15	0
July	4.1	SW.	24	S.	0	3	3	2	9	15	13	9	8	0	9	13	9	12	9	0	0	0	0	0	25	0	17	0
August	4.2	SE.	22	E.	0	0	12	15	11	13	3	5	3	0	9	15	7	14	8	0	0	0	0	0	17	0	16	0
September	4.7	E.	19	SW.	0	4	16	20	7	6	3	0	4	0	9	12	9	11	8	0	0	0	0	0	5	0	10	0
October	4.6	NW.	25	SW.	0	11	3	4	4	6	8	11	14	1	23	3	5	6	5	0	0	0	0	0	2	0	0	0
November	4.8	E.	20	NW.	0	4	17	13	8	5	3	1	6	3	16	5	9	2	2	0	0	0	0	0	0	2	0	0
December	5.0	N.	30	SW.	0	11	7	5	8	5	1	8	11	6	7	8	16	10	8	0	0	0	3	0	0	4	0	0
Year	5.0	S.	33	SW.	0	60	94	103	103	120	58	77	98	17	143	107	115	121	91	0	0	1	5	0	73	7	78	0

TOLEDO, OHIO.

[H=628 ft.; h_t=208 ft.; h_r=201 ft.; h_a=246 ft.]

January	16.4	SW.	56	W.	3	4	2	4	4	13	18	8	9	0	6	5	20	17	15	13	9	0	3	8	0	25	3	0
February	17.9	SW.	55	SW.	3	5	4	1	4	4	23	8	7	0	14	5	9	10	8	17	9	0	0	16	0	26	0	0
March	20.6	SW.	84	SW.	11	5	1	2	6	16	14	11	7	0	13	11	7	14	12	13	7	0	0	7	0	21	2	0
April	17.0	N.	54	SW.	3	15	3	3	3	7	10	8	11	0	15	3	12	8	8	0	0	0	0	0	0	2	4	0
May	13.4	SW.	50	SW.	2	10	5	14	3	8	10	7	5	0	12	11	8	10	9	0	0	0	1	0	0	1	3	0
June	13.1	SW.	42	E.	1	10	7	11	1	6	15	7	3	0	20	8	2	11	6	0	0	0	1	0	0	8	10	0
July	12.1	SW.	55	SW.	5	2	1	12	5	5	15	5	17	0	24	6	1	14	9	0	0	0	0	0	0	8	14	0
August	12.2	SW.	48	NW.	2	8	4	14	3	10	9	5	9	0	18	9	4	6	5	0	0	0	0	0	0	2	7	0
September	13.6	SW.	48	SW.	2	7	7	10	6	10	12	2	6	0	12	10	8	8	5	0	0	0	0	0	0	4	0	0
October	13.4	SW.	44	SW.	1	4	3	3	7	11	15	9	10	0	5	12	14	12	12	4	2	0	0	1	0	0	4	0
November	17.3	SW.	52	NW.	3	1	5	5	2	16	19	7	5	0	10	4	16	16	11	3	2	0	0	1	0	8	1	0
December	14.7	SW.	43	NE.	4	7	1	3	4	2	26	9	10	0	7	3	21	6	5	7	3	0	2	4	0	21	0	0
Year	15.1	SW.	84	SW.	40	78	43	82	48	108	186	86	99	0	156	87	122	132	105	57	32	2	6	36	22	106	48	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

TONOPAH, NEV.

[ϕ=38° 04′ 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	24.048	24.465	23.607	22.0	30.0	33.1	19.1	26.1	50	− 6	13	19	67	64	0.079	0.110	0.18	0.18	1.4	2.5	2.7
February	23.951	24.350	23.564	27.0	37.4	39.3	24.6	32.0	55	7	19	21	72	53	.107	.113	.76	.32	3.0	4.1	3.8
March	24.031	24.298	23.571	31.7	45.7	47.9	29.1	38.5	69	14	20	20	62	37	.107	.108	.32	.16	2.7	3.8	3.6
April	24.006	24.282	23.707	38.3	54.6	57.4	35.3	46.4	72	21	21	20	50	30	.110	.112	.49	.37	2.5	4.2	3.5
May	24.014	24.175	23.803	46.6	65.9	67.5	44.6	56.0	81	22	26	27	46	28	.144	.149	1.11	.86	3.0	4.5	3.9
June	24.004	24.175	23.750	51.5	68.4	72.3	49.8	61.0	84	34	33	33	54	32	.196	.191	.79	.55	3.8	5.5	4.2
July	24.130	24.263	23.853	59.9	77.9	81.8	58.5	70.2	92	48	38	38	48	29	.239	.240	.16	.05	3.1	4.4	3.8
August	24.160	24.304	23.953	60.5	77.3	81.3	58.2	69.8	89	50	39	36	47	29	.245	.243	1.16	.37	3.4	4.7	3.9
September	24.125	24.250	23.935	55.8	72.0	74.4	53.3	63.8	85	31	32	32	42	25	.187	.187	.62	.53	1.8	2.6	2.3
October	24.127	24.393	23.803	44.3	59.8	62.6	41.9	52.2	73	24	23	24	43	25	.122	.128	.07	.07	1.1	2.6	2.3
November	24.065	24.400	23.782	35.7	44.4	47.3	33.3	40.3	65	18	26	26	68	50	.138	.141	.80	.45	4.9	4.9	4.6
December	24.079	24.264	23.802	25.5	32.1	34.0	23.8	28.9	46	14	20	22	79	68	.105	.117	.29	.12	4.3	5.8	5.7
Year	24.062	24.465	23.564	41.6	55.2	58.2	39.3	48.8	92	− 6	26	26	56	39	.148	.153	6.75	.88	2.9	4.1	3.7

TOPEKA, KANS.

[ϕ=39° 3′ N.; λ=95° 41′ W.]

January					30.5	38.5	19.1	28.8	65	− 5							0.50	0.36			4.0
February					30.2	36.3	17.4	26.8	74	− 4							2.75	1.53			5.1
March					41.1	49.2	28.1	38.6	80	1							1.34	.58			4.6
April					61.7	68.6	45.5	57.0	86	34							2.73	1.10			3.9
May					71.0	76.3	55.3	65.8	99	44							4.46	1.44			4.0
June					79.1	84.9	63.9	74.4	96	47							3.38	1.38			4.1
July					87.2	93.1	70.5	81.8	104	61							1.57	1.06			2.4
August					91.8	98.4	71.5	85.0	105	57							1.56	.80			1.7
September					71.4	78.3	59.3	68.8	102	41							5.98	3.13			4.7
October					56.1	63.3	43.8	53.6	84	20							6.16	2.05			4.3
November					52.3	58.0	42.0	50.0	74	25							1.31	.51			6.4
December					37.3	42.1	29.9	36.0	56	9							3.56	1.90			6.6
Year					59.1	65.6	45.5	55.6	105	− 5							35.30	3.13			4.3

TRENTON, N. J.

[ϕ=40° 14′ N.; λ=74° 45′ W.]

January																					
February																					
March																					
April	29.806	30.330	29.328	48.3	53.7	61.4	43.7	52.6	80	32	39	42	72	66	0.260	0.284	5.27	1.88	4.8	5.2	5.4
May	29.796	30.154	29.486	56.7	62.3	71.0	50.7	60.8	90	34	47	51	72	70	.336	.393	3.00	1.51	4.9	5.3	4.6
June	29.811	30.263	29.591	66.5	73.0	81.6	59.7	70.6	94	44	57	58	73	62	.482	.506	.68	.48	5.2	4.2	4.5
July	29.752	30.001	29.490	72.0	76.0	86.1	65.2	75.6	97	58	60	60	68	59	.535	.528	1.50	.54	3.8	4.9	4.3
August	29.832	30.185	29.533	69.1	73.2	82.2	63.5	72.8	95	55	61	62	76	69	.543	.563	3.30	1.70	4.2	4.7	4.2
September	29.927	30.360	29.510	60.8	64.9	74.2	56.3	65.2	90	44	55	57	81	77	.458	.493	4.66	1.44	6.5	5.1	6.0
October	29.756	30.254	28.909	54.9	57.3	65.3	51.2	58.2	77	34	50	50	84	78	.378	.387	6.29	2.25	7.0	4.7	6.0
November	29.937	30.317	29.006	42.0	46.2	54.2	38.2	46.2	70	29	37	37	81	70	.230	.229	2.48	1.07	6.1	4.7	5.6
December	29.821	30.216	28.947	34.2	39.1	45.4	31.2	38.3	57	19	29	31	82	72	.168	.180	2.44	1.26	5.5	5.5	5.1
Year																					

VALDEZ, ALASKA.

[ϕ=61° 6′ N.; λ=146° 13′ W.]

January	29.80	30.42	29.14			20.1	7.0	13.6	31	−17							4.00	0.89			
February	29.96	30.57	29.08			29.7	17.5	23.6	35	− 3							8.64	1.47			
March	29.90	30.50	29.05			30.3	14.0	22.2	39	0							1.43	.54			
April	29.66	30.19	29.15			38.2	22.7	30.4	45	8							2.82	.90			
May	29.87	30.42	29.46			48.3	29.3	38.8	58	18							1.78	.39			
June	29.88	30.36	29.69			64.3	42.4	53.4	75	31							.64	.29			
July	29.90	30.32	28.96			61.5	43.8	52.6	76	37							4.38	.75			
August	29.93	30.43	29.42			60.0	41.0	50.5	68	29							6.20	2.95			
September	29.58	29.90	29.11			54.6	37.6	46.1	62	30							6.95	2.00			
October	29.74	30.17	29.12			43.4	30.7	37.0	52	22							4.66	.78			
November	29.42	29.96	28.90			32.7	18.6	25.6	46	1							6.20	1.45			
December	29.40	29.88	28.63			28.9	14.6	21.8	37	− 1							8.03	1.32			
Year	29.75	30.57	28.63			42.7	26.6	34.6	76	−17							55.72	1.47			

Annual meteorological summary for the year ending December 31, 1913—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. 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	10.3	SE.	44	SE.	1	1	0	4	20	2	4	19	11	1	19	6	6	1	1	3	1	0	0	14	0	28	0	0
February	8.7	SE.	40	NW.	1	2	1	1	22	0	1	12	17	0	13	11	4	6	5	8	6	0	0	19	0	23	0	0
March	9.4	W.	38	W.	0	1	1	1	16	1	0	21	21	0	15	16	0	3	2	4	3	0	0	3	0	19	0	0
April	11.8	SE.	41	NW.	1	2	0	2	28	1	1	12	14	0	16	10	4	3	3	2	2	0	0	0	0	10	0	0
May	8.8	NW.	39	NW.	0	0	2	4	18	2	1	16	19	0	16	14	1	6	2	0	0	0	0	0	0	3	3	0
June	9.2	W.	36	NW.	0	2	1	1	14	2	2	21	17	0	11	17	2	7	3	0	0	0	0	0	0	0	1	0
July	8.1	SE.	36	SE.	0	1	0	3	24	1	3	18	12	0	13	16	2	5	2	0	0	0	0	0	5	0	7	0
August	7.2	SE.	31	SE.	0	4	1	2	30	4	7	11	2	0	12	16	3	8	6	0	0	0	0	0	0	0	7	0
September	8.5	SE.	42	NW.	1	2	2	2	30	2	1	9	12	0	22	7	1	3	2	0	0	0	0	0	0	1	2	0
October	6.3	W.	40	NW.	1	0	1	0	11	2	4	26	17	1	21	9	1	1	1	0	0	0	0	0	0	3	0	0
November	9.5	SE.	37	NW.	0	1	0	1	38	0	0	9	11	0	10	14	6	6	5	3	3	0	0	1	0	15	0	0
December	8.8	SE.	34	SE.	0	1	0	4	26	3	3	17	8	0	9	13	9	4	3	5	4	0	0	15	0	27	0	0
Year	8.9	SE.	44	SE.	5	17	9	25	277	20	27	191	161	2	177	149	39	53	35	25	19	0	0	43	5	129	20	0

TOPEKA, KANS.

[H=983 ft.; h_t=85 ft.; h_r=76 ft.; h_a=101 ft.]

January	12.2	S.	34	NW.	0	6	1	0	3	8	4	2	7	0	13	13	5	4	3	5	3	0	1	10	0	27	0	0
February	8.8	N.	32	SW.	0	4	3	3	1	6	6	2	3	0	11	6	11	7	5	9	7	0	0	14	0	23	0	0
March	13.9	S.	51	SW.	3	8	0	3	1	9	3	1	6	0	11	14	6	9	6	5	4	2	0	5	0	20	3	0
April	12.4	SE.	44	E.	2	2	2	6	6	5	1	3	5	0	14	10	6	9	6	1	1	1	0	0	0	0	2	0
May	10.8	S.	36	S.	0	5	4	4	6	10	2	0	0	0	13	13	5	11	11	0	0	0	0	0	3	0	9	0
June	10.4	S.	39	SW.	0	2	4	2	5	15	2	0	0	0	14	12	4	7	6	0	0	0	1	0	12	0	5	0
July	9.8	S.	35	S.	0	5	2	4	4	15	1	0	0	0	20	10	1	4	4	0	0	0	0	0	21	0	5	0
August	8.9	S.	30	SW.	0	3	2	7	3	12	3	0	1	0	24	7	0	4	4	0	0	0	0	0	28	0	6	0
September	8.9	E.	36	SW.	0	4	4	8	2	7	2	1	2	0	13	8	9	9	8	0	0	0	0	0	7	0	6	0
October	10.0	S.	39	SW.	0	4	1	5	5	8	2	1	5	0	12	12	7	11	11	3	1	0	1	0	0	8	6	0
November	10.2	S.	42	NW.	1	4	2	3	4	11	2	0	4	0	5	10	15	6	6	0	0	0	1	0	0	5	2	0
December	6.9	S.	33	NW.	0	6	2	6	1	7	4	2	3	0	9	3	19	12	11	7	4	0	6	9	0	19	0	0
Year	10.3	S.	51	SW.	6	53	27	51	41	113	32	12	36	0	159	118	88	93	81	30	20	3	10	38	71	102	44	0

TRENTON, N. J.

[H=190 ft.; h_t=159 ft.; h_r=152 ft.; h_a=183 ft.]

January																												
February																												
March																												
April	14.0	NW.	44	W.	1	6	9	6	9	3	7	7	13	0	10	9	11	11	10	2	0	0	1	0	0	3	2	0
May	11.3	NW.	34	NW.	0	8	5	10	4	4	8	5	18	0	15	6	10	8	7	0	0	0	3	0	1	0	4	0
June	9.9	N.	54	NW.	2	11	5	5	9	11	9	4	6	0	14	10	6	5	3	0	0	0	1	0	2	0	6	0
July	10.5	SW.	72	W.	3	6	8	1	8	7	10	8	14	0	16	8	7	8	4	0	0	0	0	0	6	0	4	0
August	9.0	S.	46	SW.	2	7	8	2	18	6	13	5	3	0	12	15	4	9	8	0	0	0	0	0	2	0	6	0
September	9.3	NE.	39	SE.	0	8	13	5	10	4	6	9	3	2	9	7	14	11	8	0	0	0	1	0	1	0	3	0
October	11.5	NW.	52	SW.	1	8	12	6	10	2	2	7	15	0	8	10	13	11	8	0	0	1	1	0	0	0	2	0
November	11.5	W.	42	SE.	1	5	8	2	3	9	13	14	6	0	11	7	12	7	5	3	0	0	5	0	0	4	0	0
December	12.1	NW.	54	W.	4	6	7	1	2	1	17	13	15	0	13	8	10	7	5	4	2	0	0	1	0	18	0	0
Year																												

VALDEZ, ALASKA.

[H=10 ft.; h_t=— ft.; h_r=— ft.; h_a=—ft.]

January		NE.				0	26	0	0	0	5	0	0	0				15										
Feburary		NE.				0	21	0	0	0	7	0	0	0				14										
March		NE.				0	29	0	0	0	2	0	0	0				7										
April		NE.				0	24	0	0	0	6	0	0	0				15										
May		NE.				0	17	0	0	0	14	0	0	0				13										
June		SW.				0	1	0	0	0	29	0	0	0				5										
July		SW.				0	0	0	0	0	31	0	0	0				24										
August		NE.				0	16	0	0	0	15	0	0	0				19										
September		NE.				0	17	0	0	0	13	0	0	0				19										
October		NE.				0	26	0	0	0	5	0	0	0				18										
November		NE.				0	25	0	0	0	5	0	0	0				17										
December		NE.				0	23	0	0	0	8	0	0	0				22										
Year		NE.				0	225	0	0	0	140	0	0	0				188										

Annual meteorological summary for the year ending December 31, 1913—Continued.

VALENTINE, NEBR.

[ϕ=42° 50′ N.; λ=100° 32′ W.]

Month.	Pressure.			Temperature.							Moisture.								
		Extremes.		Mean.				Extremes.			Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	27.246	27.708	26.852	12.5	23.1	35.3	6.7	21.0	58	— 19	8	13	82	67	0.069	0.084	0.15	0.05	2.5	5.3	4.8
February	27.314	27.645	26.929	9.7	20.9	28.1	4.3	16.2	67	— 14	7	12	88	69	.063	.075	.44	.13	5.3	4.2	4.9
March	27.242	27.566	26.799	21.5	32.1	38.9	15.5	27.2	61	— 13	18	20	86	66	.106	.113	1.19	.77	5.4	5.3	5.5
April	27.269	27.577	26.767	38.0	56.1	61.0	35.3	48.2	83	21	32	31	79	45	.180	.182	2.94	.86	4.6	4.9	4.8
May	27.273	27.648	27.007	47.4	61.5	66.8	45.2	56.0	94	30	43	44	85	57	.286	.302	3.13	.97	5.7	5.2	5.3
June	27.258	27.630	26.888	62.7	78.7	82.9	58.9	70.9	101	44	55	56	76	48	.439	.459	1.03	.40	3.8	3.4	3.0
July	27.310	27.607	26.923	62.4	79.3	84.7	59.4	72.0	98	44	54	54	76	45	.432	.437	3.94	1.28	3.3	3.7	2.8
August	27.312	27.648	26.975	63.1	83.6	88.6	60.9	74.8	99	43	55	55	76	40	.445	.443	2.54	1.72	3.2	3.5	3.0
September	27.331	27.682	26.899	51.7	68.5	74.7	49.9	62.3	98	29	44	43	77	43	.309	.296	1.15	.72	4.2	3.1	3.7
October	27.309	27.731	26.802	34.9	49.2	57.6	30.7	44.2	86	5	28	27	76	46	.160	.156	.19	.11	4.7	4.3	4.9
November	27.288	27.667	26.803	32.3	45.4	55.5	28.7	42.1	75	16	26	28	77	51	.141	.151	.45	.31	4.1	4.3	4.2
December	27.392	27.746	26.957	20.1	31.1	41.4	17.2	29.3	57	2	18	21	91	66	.102	.115	.88	.48	3.1	2.4	4.1
Year	27.295	27.746	26.767	38.0	52.5	59.6	34.4	47.0	101	— 19	32	34	81	54	.228	.234	18.03	1.72	4.2	4.1	4.2

VICKSBURG, MISS.

[ϕ=32° 22′ N.; λ=90 53′ W.]

January	29.865	30.276	29.467	49.5	56.3	62.7	44.7	53.7	75	27	46	47	86	72	0.338	0.349	7.00	2.32	6.6	5.9	6.7
February	29.845	30.129	29.363	43.1	52.1	56.9	41.0	49.0	71	29	37	39	79	62	.238	.254	7.31	2.94	5.0	4.6	5.5
March	29.865	30.376	29.362	50.6	59.9	65.3	47.5	56.4	82	32	44	44	78	58	.323	.326	6.70	3.65	5.5	5.8	6.1
April	29.829	30.161	29.604	56.8	67.9	73.6	54.5	64.0	85	43	49	49	77	54	.364	.363	7.27	3.51	3.1	4.0	3.7
May	29.770	29.970	29.620	66.0	74.4	81.4	62.3	71.8	90	54	60	60	83	61	.533	.512	1.30	1.06	3.9	5.1	4.2
June	29.772	29.988	29.640	72.8	81.1	88.3	68.6	78.4	97	54	67	66	82	62	.662	.652	.46	.22	2.7	5.8	4.6
July	29.796	29.972	29.640	76.1	82.5	89.8	73.0	81.4	97	69	71	71	86	69	.768	.751	1.06	.42	5.3	7.2	6.0
August	29.762	29.899	29.598	74.4	82.5	91.5	71.7	81.6	99	64	70	70	86	68	.733	.739	1.83	.55	3.8	4.3	4.4
September	29.736	29.929	29.464	69.2	75.1	82.5	60.9	74.7	95	50	66	66	88	75	.644	.651	9.99	3.89	6.1	6.2	6.3
October	29.791	30.257	29.517	57.5	64.6	72.3	54.0	63.2	87	34	54	55	87	72	.448	.470	2.17	.77	5.6	4.5	5.0
November	29.904	30.255	29.657	54.1	65.1	73.0	52.6	62.8	81	35	49	48	84	56	.377	.364	3.86	3.21	3.5	3.0	4.2
December	29.877	30.295	29.523	44.3	51.6	57.2	42.6	49.9	75	30	39	41	82	68	.251	.265	2.21	.61	6.5	5.9	6.6
Year	29.818	30.376	29.362	59.5	67.8	74.5	56.6	65.6	99	27	54	55	83	65	.473	.475	51.16	3.89	4.8	5.2	5.3

WALLA WALLA, WASH.

[ϕ=46° 02′ N.; λ=118° 20′ W.]

January	29.013	29.463	28.374	31.1	32.5	38.7	25.3	32.0	60	12	24	25	74	74	0.128	0.136	2.52	0.66	8.4	7.9	7.7
February	29.094	29.454	28.673	26.4	32.0	35.9	23.8	29.8	65	5	22	24	83	71	.121	.131	1.46	.85	6.3	6.2	6.2
March	29.021	29.401	28.620	37.6	48.8	49.1	35.1	42.1	60	17	31	32	76	58	.176	.187	2.07	.44	6.5	6.7	7.1
April	28.934	29.364	28.552	45.9	60.4	63.5	43.0	53.2	82	32	33	32	63	36	.189	.180	1.01	.65	5.0	5.3	5.2
May	28.935	29.185	28.581	51.3	68.7	70.6	49.9	60.2	88	38	39	40	64	38	.243	.255	1.24	.66	4.6	5.4	4.9
June	28.834	29.184	28.574	57.8	74.3	77.4	56.4	66.9	94	50	46	45	65	40	.312	.306	2.11	.43	5.2	4.8	4.7
July	28.928	29.242	28.622	62.6	85.3	86.8	61.0	73.9	105	51	44	39	52	20	.294	.250	.04	.04	2.6	2.5	2.7
August	28.937	29.121	28.649	65.8	85.4	87.2	62.6	74.9	103	49	43	42	46	24	.288	.274	.30	.15	4.3	3.9	3.8
September	28.977	29.222	28.587	56.6	74.3	77.2	52.5	64.8	91	43	37	37	51	28	.224	.229	1.29	.92	3.1	3.3	3.6
October	29.061	29.460	28.631	46.6	56.3	59.6	43.3	51.4	77	34	38	40	72	57	.229	.255	2.44	1.04	4.2	6.2	6.4
November	28.935	29.302	28.497	43.9	47.5	51.7	40.3	46.0	62	34	34	35	72	65	.202	.208	1.91	.42	7.5	8.7	8.4
December	29.101	29.464	28.364	30.8	32.5	36.1	27.0	31.6	52	17	28	29	91	88	.155	.157	.99	.27	8.0	7.2	9.0
Year	28.981	29.464	28.364	46.4	58.0	61.2	43.4	52.2	105	5	35	35	67	50	.213	.214	17.38	1.04	5.5	5.7	5.8

WASHINGTON, D. C.

[ϕ=38° 54′ N.; λ=77° 3′ W.]

January	30.022	30.631	28.781	39.7	44.8	53.6	33.7	43.6	68	24	34	33	80	64	0.213	0.207	2.85	0.67	5.8	4.7	5.3
February	29.954	30.465	29.311	31.5	38.1	45.4	27.8	36.6	68	13	23	24	69	56	.136	.149	1.37	.81	4.3	3.2	4.2
March	30.019	30.775	29.370	44.4	50.5	59.0	39.1	49.0	77	17	36	36	73	58	.246	.248	4.67	1.47	6.4	3.3	5.3
April	29.915	30.382	29.486	50.8	58.1	65.1	45.9	55.5	86	32	40	40	67	54	.265	.272	5.86	3.18	4.5	5.2	4.7
May	29.892	30.219	29.627	59.6	66.7	75.3	53.4	64.4	90	37	48	51	69	60	.364	.392	4.56	2.49	5.1	5.3	5.6
June	29.910	30.361	29.700	69.3	75.4	83.1	62.5	72.8	96	45	58	61	69	63	.511	.559	1.81	.75	4.5	4.9	4.4
July	29.867	30.077	29.666	73.8	78.8	88.1	67.2	77.6	97	58	63	64	70	62	.591	.605	3.24	2.02	3.2	4.9	4.2
August	29.918	30.247	29.644	70.1	75.5	84.0	64.5	74.2	97	54	64	64	81	70	.600	.616	5.42	1.77	4.5	4.2	4.5
September	30.011	30.398	29.599	62.7	68.3	76.8	58.1	67.4	93	40	56	58	80	72	.479	.512	2.41	1.05	6.0	4.7	5.5
October	29.867	30.367	29.237	55.2	58.2	66.7	50.9	58.8	77	35	50	50	82	75	.378	.388	3.37	.93	5.5	4.8	5.6
November	30.046	30.430	29.019	41.7	48.3	57.1	38.5	47.8	76	28	36	37	81	67	.222	.233	2.20	.97	5.0	4.3	5.3
December	29.953	30.277	29.250	35.9	41.8	48.1	32.6	40.4	66	24	30	30	78	63	.167	.168	2.29	1.31	4.6	4.2	5.7
Year	29.948	30.775	28.781	52.9	58.7	66.9	47.8	57.3	97	13	45	46	75	64	.348	.362	40.05	3.18	5.0	4.5	5.0

Annual meteorological summary for the year ending December 31, 1913—Continued.

VALENTINE, NEBR.

[H=2,598 ft.; h_t=47 ft.; h_p=36 ft.; h_n=54 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	10.5	NW.	46	NW.	1	7	2	3	1	5	11	13	20	0	13	7	11	6	2	12	5	0	0	19	0	31	0	0
February	9.4	W.	32	SW.	0	7	3	5	2	5	0	19	14	1	9	13	6	6	6	11	6	0	0	19	0	28	0	0
March	11.4	NW.	56	NW.	1	9	6	1	3	3	4	15	21	0	13	7	11	8	3	12	7	0	0	11	0	29	1	0
April	12.3	N.	46	SW.	1	13	5	7	4	9	9	5	8	0	13	8	9	11	9	6	6	0	0	1	0	11	3	0
May	10.6	NE.	38	NW.	0	10	13	11	2	6	3	9	8	0	12	8	11	16	12	0	0	4	1	0	2	1	9	0
June	12.4	S.	43	NW.	3	5	7	5	7	23	6	6	2	0	22	6	2	7	4	0	0	1	0	0	8	0	6	0
July	9.6	NE.	52	NW.	2	7	10	9	6	7	7	7	9	0	21	8	2	10	7	0	0	1	0	0	9	0	10	0
August	8.2	S.	31	E.	0	8	6	10	8	13	6	3	6	2	19	10	2	10	7	0	0	0	1	0	16	0	11	0
September	10.0	S.	38	NW.	0	5	5	5	6	12	11	7	8	1	15	13	2	6	3	0	0	0	1	0	5	4	2	0
October	10.0	NW.	34	NW.	0	8	3	5	1	6	5	14	19	1	11	8	9	5	2	4	0	0	0	1	0	16	2	0
November	8.3	SW.	38	NW.	0	5	4	2	5	5	14	13	11	1	16	8	6	5	3	2	0	0	0	0	6	23	1	0
December	7.2	W.	31	NW.	0	1	11	1	3	2	7	25	11	1	16	6	9	6	4	4	2	0	3	4	0	27	0	0
Year	10.0	NW.	56	NW.	8	85	75	64	48	96	83	135	137	7	183	102	80	96	62	51	26	6	6	46	10	170	45	0

VICKSBURG, MISS.

[H=247 ft.; h_t=62 ft.; h_r=53 ft.; h_n=74 ft.]

January	8.8	SE.	38	NW.	0	4	7	8	15	14	3	3	8	0	8	3	20	16	13	0	0	2	3	0	0	3	9	0
February	7.1	NE.	33	SW.	0	7	17	9	8	7	3	1	4	0	9	8	11	9	7	0	0	1	4	0	0	2	5	0
March	8.5	E.	36	NW.	0	4	4	16	12	9	4	5	8	0	6	12	13	10	9	0	0	1	2	0	0	1	6	0
April	7.3	NW.	32	NW.	0	6	4	8	10	10	1	5	15	1	17	6	7	5	5	0	0	0	0	0	0	0	4	0
May	5.6	SE.	30	NW.	0	8	5	7	13	12	8	3	6	0	16	7	8	7	3	0	0	0	0	0	1	0	9	0
June	5.6	E.	27	S.	0	3	5	13	11	11	12	4	1	0	12	13	5	7	4	0	0	0	0	0	17	0	11	0
July	5.4	SW.	34	NW.	0	4	3	4	9	13	15	8	6	0	4	18	9	8	6	0	0	0	1	0	17	0	12	0
August	4.6	SE.	32	SE.	0	13	2	9	15	9	7	2	5	0	10	16	5	10	8	0	0	0	0	0	22	0	11	0
September	6.0	E.	22	SE.	0	1	3	22	13	10	4	4	3	0	7	6	17	14	11	0	0	0	1	0	6	0	11	0
October	6.5	SE.	28	NW.	0	8	6	8	15	9	3	4	8	1	10	10	11	11	9	0	0	0	1	0	0	0	1	0
November	6.6	SE.	28	NW.	0	4	9	8	20	8	3	2	6	0	13	15	2	2	2	0	0	0	3	0	0	0	1	0
December	5.8	NW.	26	NW.	0	9	13	12	4	3	2	3	14	2	7	7	17	9	8	0	0	0	5	0	0	3	0	0
Year	6.5	SE.	38	NW.	0	71	78	124	145	115	65	44	84	4	119	121	125	108	85	0	0	4	20	0	63	9	80	0

WALLA WALLA, WASH.

[H=1,000 ft.; h_t=107 ft.; h_r=100 ft.; h_n=115 ft.]

January	7.8	SW.	37	S.	0	1	1	3	4	23	22	1	4	3	3	9	19	14	11	13	8	0	4	10	0	28	0	0
February	5.1	S.	30	SW.	0	2	7	3	8	20	12	1	2	1	9	7	12	6	5	10	4	0	1	11	0	23	0	0
March	7.4	S.	39	SW.	0	1	7	1	7	22	18	2	4	0	6	7	18	14	11	7	5	0	0	0	0	8	0	0
April	8.7	SW.	37	SW.	0	1	5	1	9	24	15	3	1	1	8	14	8	9	4	0	0	1	0	0	0	0	1	0
May	7.0	SW.	32	SW.	0	6	2	6	1	24	18	4	1	0	13	10	8	9	6	0	0	0	0	0	0	0	2	0
June	7.3	S.	30	NE.	0	1	3	8	6	28	13	0	1	0	11	12	7	16	11	0	0	0	0	0	3	0	7	0
July	7.6	SW.	34	NW.	0	2	2	2	12	15	27	1	1	0	22	6	3	2	0	0	0	0	0	0	12	0	1	0
August	7.2	SW.	31	SW.	0	3	3	3	6	17	26	4	0	0	16	12	3	4	3	0	0	0	0	0	15	0	4	0
September	7.2	SW.	37	SW.	0	3	6	0	6	20	20	3	2	0	16	8	6	5	2	0	0	0	0	0	1	0	0	0
October	6.2	SW.	38	SW.	0	4	2	3	6	22	16	8	1	0	7	10	14	10	8	0	0	1	0	0	0	0	0	0
November	8.4	SW.	40	SW.	1	2	1	2	10	23	16	5	1	0	0	9	21	18	17	1	0	0	2	0	0	0	0	0
December	3.6	S.	25	SE.	0	3	3	5	5	20	16	5	5	0	3	0	28	9	7	8	7	0	10	11	0	29	0	0
Year	7.0	S.	40	SW.	1	29	42	37	80	258	219	37	23	5	114	104	147	116	85	39	24	2	17	32	31	89	15	0

WASHINGTON, D. C.

[H=112 ft.; h_t=62 ft.; h_r=42 ft.; h_n=85 ft.]

January	7.0	S.	48	NW.	1	6	6	0	6	25	5	4	9	1	11	6	14	16	13	2	0	0	2	0	0	14	1	0
February	7.7	S.	33	NW.	0	14	0	2	2	17	2	5	13	1	15	4	9	8	5	5	5	0	0	3	0	23	0	0
March	9.4	S.	41	NW.	1	6	6	2	5	24	6	0	13	0	13	6	12	11	10	2	0	1	0	1	0	9	2	0
April	8.9	NW.	40	NW.	1	10	8	4	3	11	3	3	17	1	15	4	11	11	8	1	0	0	0	0	0	0	2	0
May	6.2	NW.	24	NW.	0	13	8	6	5	6	7	1	13	3	11	8	12	11	8	0	0	0	0	0	2	0	5	0
June	5.7	N.	40	NW.	1	9	6	8	3	14	2	4	12	2	14	8	8	10	6	0	0	0	0	0	7	0	6	0
July	6.1	W.	68	NE.	1	10	2	5	2	14	4	9	15	1	13	13	5	11	9	0	0	0	1	0	0	12	0	9
August	5.0	S.	36	NW.	0	12	5	6	5	16	5	3	5	5	12	13	6	10	8	0	0	0	0	0	0	5	0	8
September	5.1	S.	24	NW.	0	9	7	10	4	7	7	2	9	5	9	9	12	6	4	0	0	0	1	0	0	2	0	3
October	7.1	NW.	34	SW.	0	10	9	4	6	3	4	5	21	0	9	9	13	12	10	0	0	0	1	0	0	0	2	0
November	6.0	NW.	30	NW.	0	14	7	1	2	12	6	5	9	4	13	6	11	8	6	0	0	0	3	0	0	8	0	0
December	7.1	NW.	40	NW.	1	14	6	0	1	6	4	5	23	3	9	9	13	6	6	2	0	0	1	0	0	15	0	0
Year	6.8	NW.	68	NE.	6	127	70	48	44	155	55	46	159	26	144	95	126	120	93	12	5	3	7	4	28	69	38	0

Annual meteorological summary for the year ending December 31, 1913—Continued.

WICHITA, KANS.

[ϕ=37° 41′ N.; λ=97° 20′ W.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew-point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	*In.*	*In.*	°	°	°	°	°	°	°	°	°	%	%	*In.*	*In.*	*In.*	*In.*			
January	28.598	29.116	28.080	25.6	33.6	40.4	20.8	30.6	60	−10	19	21	75	61	0.115	0.120	0.41	0.37	3.3	3.5	4.4
February	28.627	29.014	28.117	21.8	30.5	35.3	18.5	26.9	70	− 4	16	20	80	69	.096	.113	2.43	1.04	5.4	5.8	5.5
March	28.579	28.957	27.878	32.5	45.5	51.8	29.8	40.8	82	9	26	29	78	55	.151	.174	.39	.11	5.5	3.5	4.5
April	28.529	28.884	28.020	48.9	65.7	71.1	47.0	59.0	87	30	38	41	69	45	.244	.274	1.83	1.21	3.8	3.9	3.3
May	28.500	28.903	28.156	60.1	74.2	78.5	57.3	67.9	100	46	51	52	73	49	.380	.392	.97	.58	5.1	3.5	3.0
June	28.549	28.869	28.190	67.7	79.9	84.4	65.5	75.0	94	50	58	56	73	47	.504	.463	1.36	.41	5.8	5.9	4.6
July	28.536	28.742	28.235	73.0	89.3	93.3	71.4	82.4	102	62	63	58	71	37	.579	.489	1.28	.75	4.6	3.2	3.1
August	28.533	28.827	28.294	74.3	94.3	97.8	73.5	85.6	104	62	55	50	52	24	.449	.377	T.	T.	2.4	1.2	1.4
September	28.570	28.791	28.196	61.9	72.6	77.8	60.4	69.1	100	42	53	52	74	54	.419	.411	3.52	1.15	5.5	5.1	5.3
October	28.573	29.088	28.204	48.5	58.2	64.2	45.8	55.0	82	19	43	44	82	60	.318	.330	4.18	2.11	4.6	3.8	4.9
November	28.596	28.978	28.134	46.9	54.4	58.2	44.3	51.2	72	26	41	44	82	71	.284	.310	1.73	1.15	5.7	5.2	6.6
December	28.665	29.026	28.176	32.6	37.5	40.9	29.8	35.4	56	6	30	34	92	88	.184	.210	3.93	1.60	6.6	6.3	7.2
Year	28.571	29.116	27.878	49.5	61.3	66.1	47.0	56.6	104	−10	41	42	75	55	.310	.305	21.91	2.11	4.9	4.2	4.5

WILLISTON, N. DAK.

[ϕ=48° 9′ N.; λ=103° 35′ W.]

January	27.956	28.440	27.389	−0.1	8.6	17.2	−7.3	5.0	41	−35	−3	5	89	83	0.046	0.063	0.52	0.18	4.9	6.5	7.0
February	28.035	28.376	27.616	7.1	16.3	22.5	2.8	12.6	53	−21	4	10	85	75	.059	.074	.14	.08	4.4	6.4	7.0
March	28.008	28.358	27.429	12.6	24.8	29.8	9.3	19.6	55	−17	9	16	84	69	.076	.101	.94	.50	6.9	6.9	6.6
April	27.971	28.384	27.485	36.3	57.2	60.3	33.6	47.0	87	15	29	32	74	41	.162	.179	.27	.14	4.6	5.0	5.0
May	28.003	28.449	27.628	43.2	59.3	64.2	39.6	51.9	93	24	37	38	78	47	.231	.237	.85	.31	6.9	7.5	6.9
June	27.920	28.410	27.403	57.7	72.9	77.5	53.9	65.7	94	42	50	51	75	49	.367	.388	2.08	1.00	5.6	5.9	5.3
July	27.987	28.328	27.600	56.2	75.2	79.0	52.7	65.8	92	42	50	48	79	40	.350	.345	2.43	1.19	4.0	4.2	4.4
August	28.006	28.310	27.475	57.7	77.5	83.1	54.7	68.9	95	46	52	53	81	46	.390	.415	4.94	2.72	5.0	4.8	4.9
September	28.010	28.391	27.550	46.3	65.9	71.2	43.3	57.2	96	28	40	42	79	44	.259	.278	1.07	.84	5.1	4.5	4.9
October	28.015	28.503	27.556	32.8	42.5	49.2	28.7	39.0	82	6	27	29	79	60	.154	.167	.89	.35	5.7	5.9	6.4
November	27.943	28.367	27.486	28.3	36.5	45.8	25.0	35.4	62	15	23	26	77	66	.119	.143	.15	.07	3.9	5.0	5.7
December	28.091	28.573	27.481	16.0	25.3	33.8	11.6	22.7	50	− 2	11	16	79	66	.071	.090	T.	T.	3.0	2.2	4.2
Year	27.996	28.573	27.389	32.8	46.8	52.8	29.0	40.9	96	−35	27	30	80	57	.191	.207	14.28	2.72	5.0	5.4	5.7

WILMINGTON, N. C.

[ϕ=34° 14′ N.; λ=77° 57′ W.]

January	30.115	30.598	29.251	51.8	56.0	64.6	46.6	55.6	76	32	46	50	83	80	0.347	0.380	1.80	0.84	6.5	4.9	6.1
February	30.010	30.466	29.697	43.7	50.1	57.8	40.6	49.2	76	28	36	40	75	71	.236	.274	4.48	1.95	5.3	3.8	5.2
March	30.107	30.683	29.649	54.6	58.9	66.7	49.5	58.1	78	32	48	51	79	77	.375	.409	4.88	1.68	5.8	4.5	5.7
April	29.994	30.400	29.580	56.0	60.6	69.5	51.4	60.4	84	41	47	50	74	70	.347	.377	1.07	.81	3.5	3.0	3.5
May	29.956	30.212	29.633	66.2	69.1	80.1	60.6	70.4	92	45	59	61	78	76	.519	.546	2.90	1.71	3.6	5.5	4.4
June	29.958	30.182	29.735	70.7	73.7	82.7	66.0	74.4	96	51	66	68	85	82	.651	.694	6.06	2.11	5.8	4.8	5.3
July	29.964	30.094	29.737	77.3	78.1	87.7	72.3	80.0	96	66	72	73	84	84	.782	.809	5.93	2.53	4.8	4.9	4.9
August	29.964	30.148	29.818	74.3	76.4	85.1	69.6	77.4	92	64	70	71	88	84	.747	.766	5.47	2.06	4.4	4.3	4.7
September	30.015	30.243	29.646	67.7	71.6	79.8	63.7	71.8	88	51	64	65	87	81	.606	.637	3.54	.94	4.5	3.9	4.8
October	29.918	30.346	29.500	59.0	64.0	72.3	55.3	63.8	85	37	53	56	82	76	.439	.482	10.14	3.63	4.6	3.2	4.5
November	30.131	30.455	29.326	45.7	54.2	65.3	43.2	54.2	78	30	40	45	83	72	.265	.314	.65	.63	2.8	1.9	2.5
December	30.016	30.355	29.405	43.2	50.0	58.2	40.9	49.6	72	27	38	40	82	71	.249	.268	3.63	1.26	5.3	4.1	5.2
Year	30.012	30.683	29.251	59.2	63.6	72.5	55.0	63.7	96	27	53	56	82	77	.464	.496	50.55	3.63	4.7	4.1	4.7

WINNEMUCCA, NEV.

[ϕ=40° 58′ N.; λ=117° 43′ W.]

January	25.667	26.144	25.106	18.5	31.7	38.2	12.2	25.2	56	−13	14	23	80	69	0.084	0.125	0.59	0.24	3.8	5.6	5.3
February	25.586	25.924	25.142	21.5	40.6	44.9	18.2	31.6	61	6	18	25	84	55	.093	.135	.15	.11	2.8	4.5	4.2
March	25.627	25.997	25.218	26.2	47.8	51.6	23.3	37.4	73	8	21	26	81	45	.113	.137	.23	.06	4.3	7.1	6.4
April	25.572	25.895	25.256	35.3	57.2	61.8	31.5	46.6	77	17	28	26	75	34	.155	.139	1.09	.92	4.4	6.5	5.8
May	25.570	25.745	25.308	42.7	68.0	72.9	41.0	57.0	90	29	34	32	71	29	.198	.188	.45	.35	4.4	6.2	5.2
June	25.539	25.801	25.334	48.4	70.1	75.9	47.3	61.6	87	40	40	40	76	38	.254	.252	2.14	1.15	4.5	6.1	5.1
July	25.642	25.816	25.321	53.8	80.3	85.4	52.9	69.2	96	42	44	44	73	32	.307	.296	1.55	.85	3.5	4.7	4.0
August	25.662	25.832	25.347	56.0	82.6	88.2	53.9	71.0	96	40	44	43	67	27	.307	.288	.80	.41	2.4	4.2	2.2
September	25.658	25.822	25.453	46.3	73.6	79.4	44.1	61.8	91	25	33	36	60	27	.193	.216	.51	.37	2.2	3.9	2.2
October	25.707	26.040	25.340	34.7	57.5	64.4	30.3	47.4	79	18	26	31	72	38	.143	.177	.51	.44	2.6	4.2	3.7
November	25.626	25.913	25.302	32.0	43.3	50.1	27.8	39.0	70	15	29	33	88	69	.161	.192	1.37	.32	4.8	5.7	5.1
December	25.679	25.925	25.290	20.4	31.0	39.0	15.8	27.4	54	2	17	25	85	76	.093	.131	1.84	.79	5.0	4.9	5.6
Year	25.628	26.144	25.106	36.3	57.0	62.6	33.2	47.9	96	−13	29	32	76	45	.175	.190	11.23	1.15	3.7	5.2	4.6

Annual meteorological summary for the year ending December 31, 1913—Continued.

WICHITA, KANS.

[H=1,358 ft.; h_t=139 ft.; h_r=132 ft.; h_a=158 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	16.0	S.	40	N.	1	18	4	1	4	19	5	1	10	0	13	11	7	5	2	5	3	0	1	9	0	21	0	0
February	11.2	S.	39	SW.	0	13	12	1	3	14	4	1	8	0	12	4	12	7	6	9	5	0	2	16	0	24	1	0
March	17.5	S.	60	S.	9	10	8	1	5	25	4	2	7	0	12	13	6	7	5	6	2	1	0	4	0	18	1	0
April	16.6	S.	50	S.	6	2	4	4	12	19	9	5	14	0	17	7	6	4	3	1	0	2	0	0	0	1	3	0
May	15.2	S.	42	S.	1	5	10	7	9	28	9	0	3	0	21	6	4	8	5	0	0	0	0	0	4	0	5	0
June	14.3	S.	46	S.	4	3	11	2	1	36	3	1	0	0	11	13	6	9	6	0	0	0	0	0	7	0	8	0
July	13.4	S.	44	S.	1	1	12	4	5	35	4	0	1	0	20	10	1	9	6	0	0	0	0	0	21	0	8	0
August	12.2	S.	37	NE.	0	1	8	0	12	38	2	0	1	0	27	4	0	0	0	0	0	0	0	0	30	0	2	0
September	11.6	S.	37	S.	0	7	8	7	7	21	4	0	6	0	11	9	10	9	8	0	0	0	0	0	7	0	3	0
October	12.4	S.	42	SW.	2	12	7	3	5	21	6	1	7	0	11	11	9	10	10	3	2	0	0	0	0	5	5	0
November	12.6	S.	44	SW.	2	10	6	3	5	26	4	1	5	0	6	6	18	10	5	0	0	0	4	0	0	2	2	0
December	9.0	S.	40	NW.	1	14	9	3	7	18	4	2	5	0	7	5	19	17	10	9	5	0	5	10	0	18	0	0
Year	13.5	S.	60	S.	27	96	102	36	75	300	40	14	67	0	168	99	98	95	66	33	17	3	12	39	69	92	38	0

WILLISTON, N. DAK.

[H=1,872 ft.; h_t=40 ft.; h_r=29 ft.; h_a=47 ft.]

January	7.6	N.	38	NW.	0	19	4	0	4	9	5	6	15	0	6	6	19	7	5	14	6	0	0	22	0	31	0	
February	9.0	W.	32	W.	0	8	4	3	6	3	6	16	10	0	4	9	15	4	1	12	3	0	0	22	0	27	0	0
March	9.5	N.	48	NW.	1	13	5	4	5	5	12	8	10	0	5	15	11	9	5	16	7	0	0	16	0	28	0	0
April	9.7	SE.	36	NW.	0	15	4	2	15	6	7	1	10	0	9	14	7	4	4	2	2	0	0	0	0	12	0	0
May	9.3	SE.	52	NW.	1	11	6	6	16	4	3	6	10	0	2	15	14	13	6	1	1	0	0	0	1	8	3	0
June	9.6	SE.	64	NW.	1	10	5	5	18	5	4	7	6	0	8	16	6	10	8	0	0	0	0	0	2	0	10	0
July	8.4	N.	41	NW.	2	17	2	4	12	5	4	6	12	0	16	10	5	5	1	0	0	1	0	0	3	0	5	0
August	7.4	SE.	48	NW.	4	9	10	5	14	5	5	3	11	0	11	12	8	9	7	0	0	1	0	0	9	0	7	0
September	8.5	SE.	44	NW.	1	9	8	1	13	5	8	4	12	0	12	9	9	5	4	2	2	0	1	0	2	4	1	0
October	8.7	NW.	34	NW.	0	11	6	1	9	5	9	9	12	0	7	9	15	6	5	8	2	0	0	3	0	22	0	0
November	6.1	SW.	28	NE.	0	6	3	1	8	9	19	6	8	0	11	7	12	4	2	3	1	0	3	1	0	28	0	0
December	5.5	SW.	34	W.	0	9	3	1	11	8	16	12	2	0	13	12	6	0	0	5	0	0	1	14	0	31	0	0
Year	8.3	N.	64	NW.	10	137	60	33	131	69	98	84	118	0	104	134	127	76	51	63	24	2	5	78	17	191	26	0

WILMINGTON, N. C.

[H=78 ft.; h_t=81 ft.; h_r=76 ft.; h_a=91 ft.]

January	9.0	SW.	38	W.	0	8	16	3	5	8	12	10	0	0	7	15	9	12	7	0	0	0	1	0	0	1	1	0
February	8.3	NE.	35	S.	0	10	15	4	3	4	9	4	7	0	9	8	11	9	7	0	0	0	1	0	0	5	1	0
March	9.7	S.	42	SW.	1	8	11	5	4	15	6	7	6	0	8	11	12	13	7	0	0	0	0	0	0	1	2	0
April	8.9	W.	28	NW.	0	0	8	3	1	12	14	12	10	0	16	11	3	5	3	0	0	0	0	0	0	0	0	0
May	7.7	SW.	28	S.	0	3	6	4	4	8	19	12	6	0	11	14	6	7	5	0	0	0	3	0	3	0	3	0
June	7.7	SW.	24	NE.	0	1	10	6	1	3	17	12	10	0	6	17	7	13	10	0	0	0	1	0	6	0	9	0
July	7.2	SW.	37	N.	0	4	6	3	2	5	22	19	1	0	6	21	4	13	9	0	0	0	1	0	9	0	13	0
August	6.0	SW.	27	W.	0	4	16	10	3	9	13	4	3	0	12	14	5	12	10	0	0	0	1	0	3	0	13	0
September	7.2	NE.	30	W.	0	5	19	7	6	7	6	6	4	0	12	7	11	10	9	0	0	0	1	0	0	0	4	0
October	7.9	W.	35	W.	0	9	5	6	4	5	8	16	9	0	13	6	12	14	12	0	0	0	0	0	0	0	4	0
November	6.2	W.	27	W.	0	10	13	5	1	5	14	9	3	0	20	7	3	4	2	0	0	0	1	0	0	3	0	0
December	7.1	W.	30	W.	0	9	14	1	1	3	9	13	12	0	11	9	11	11	9	0	0	0	2	0	0	5	0	0
Year	7.7	SW.	42	SW.	1	71	139	57	35	84	149	121	71	0	131	140	94	123	90	0	0	0	12	0	21	15	50	0

WINNEMUCCA, NEV.

[H=4,344 ft.; h_t=18 ft.; h_r=3 ft.; h_a=56 ft.]

January	7.0	SW.	38	SW.	0	4	21	1	2	2	20	8	4	0	13	3	15	7	5	10	6	0	0	8	0	30	0	0
February	6.1	NE.	24	SW.	0	4	28	2	0	2	12	6	2	0	12	9	7	4	1	7	4	0	0	2	0	28	0	0
March	7.1	SW.	40	N.	1	3	15	2	0	2	21	10	9	0	8	8	15	7	3	9	4	0	0	0	0	25	1	0
April	8.2	SW.	34	SW.	0	1	14	2	2	4	24	8	5	0	9	7	14	6	3	4	3	0	0	0	0	12	0	0
May	6.0	SW.	37	S.	0	2	17	2	1	2	18	10	10	0	10	14	7	5	2	1	1	0	0	0	1	6	3	0
June	5.7	SW.	29	SW.	0	2	10	3	0	8	24	6	7	0	10	11	9	13	10	0	0	1	0	0	0	9	7	0
July	5.5	SW.	36	S.	0	1	14	3	2	2	30	3	5	2	17	4	10	10	6	0	0	0	0	0	10	0	7	0
August	5.2	SW.	31	S.	0	3	13	4	1	5	22	3	10	1	22	9	0	7	4	0	0	0	0	0	14	0	7	0
September	5.0	NE.	24	S.	0	3	24	2	1	0	18	4	8	0	23	5	2	3	2	0	0	0	0	0	5	4	1	0
October	5.5	NE.	31	SW.	0	2	21	2	1	0	19	8	9	0	18	7	6	3	2	1	1	0	0	0	0	23	0	0
November	5.7	NE.	29	S.	0	5	18	6	2	4	20	3	2	0	12	8	10	10	7	3	2	0	0	0	0	23	0	0
December	6.1	NE.	40	SW.	1	3	36	8	1	1	8	3	2	0	12	4	15	9	6	9	8	0	0	6	0	30	0	0
Year	6.1	SW.	40	SW.	2	33	231	37	13	32	236	72	73	3	166	89	110	84	51	44	29	2	0	16	30	181	26	0

Annual meteorological summary for the year ending December 31, 1918—Continued.

WYTHEVILLE, VA.

[ϕ=36° 56′ N.; λ=81° 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	27.728	28.209	26.780	36.3	42.8	54.1	30.8	42.4	72	19	33	36	86	77	0.202	0.228	2.79	1.20	5.5	4.5	5.3
February	27.639	28.002	27.245	29.6	37.8	45.5	26.8	36.2	64	9	25	27	81	66	.145	.160	2.06	.84	5.2	4.0	3.9
March	27.736	28.303	27.267	40.2	46.0	55.2	35.4	45.3	70	14	35	37	81	72	.221	.241	5.62	2.58	7.5	5.2	5.3
April	27.678	28.072	27.283	46.5	53.0	62.1	40.5	51.3	81	27	38	41	74	67	.239	.268	3.13	1.43	6.1	5.4	4.6
May	27.695	27.974	27.438	56.9	62.1	73.5	48.3	60.9	86	29	50	51	78	69	.368	.387	5.87	2.18	4.4	5.2	3.5
June	27.747	28.023	27.568	64.0	69.4	80.5	56.7	68.6	89	36	58	60	82	73	.501	.531	2.84	.71	4.1	5.6	3.5
July	27.730	27.862	27.562	69.2	73.6	84.4	62.8	73.6	92	47	64	66	82	77	.592	.640	2.66	1.20	4.2	4.9	4.0
August	27.734	27.957	27.562	65.0	70.0	81.9	59.7	70.8	93	50	62	63	89	80	.554	.583	5.39	1.12	3.9	5.5	4.0
September	27.785	28.048	27.423	56.6	61.5	72.5	51.4	62.0	86	34	54	56	90	84	.426	.463	2.89	1.00	5.2	3.8	4.7
October	27.657	28.058	27.064	47.7	52.6	63.7	42.4	53.0	83	22	42	44	81	73	.285	.308	2.31	.80	5.2	4.9	4.3
November	27.787	28.098	27.024	38.4	44.2	56.5	33.6	45.0	73	20	32	35	78	71	.188	.214	1.52	.87	4.4	3.8	4.4
December	27.687	27.999	27.003	31.2	37.5	46.6	27.7	37.2	63	10	27	30	83	74	.154	.169	2.58	.91	4.6	4.4	4.7
Year	27.717	28.303	26.780	48.5	54.2	64.7	43.0	53.9	93	9	43	46	82	74	.323	.349	39.66	2.58	5.0	4.8	4.4

YANKTON, S. DAK.

[ϕ=42° 54′ N.; λ=97° 28′ W.]

January	28.693	29.246	28.208	14.3	.....	31.5	8.6	20.0	60	−13	10	.....	82	.....	0.075	.....	0.08	0.04	4.7	.....	5.4
February	28.760	29.215	28.250	11.3	.....	29.3	6.6	18.0	68	−14	8	.....	83	.....	.065	.....	.99	.85	5.1	.....	4.5
March	28.637	29.056	27.975	24.3	.....	42.0	18.9	30.4	66	−14	20	.....	81	.....	.117	.....	1.83	1.53	5.7	.....	6.4
April	28.668	29.027	28.161	41.2	.....	60.4	39.0	49.7	86	26	37	.....	85	.....	.227	.....	4.39	.99	4.7	.....	5.0
May	28.646	29.085	28.362	51.5	.....	67.5	48.9	58.2	96	38	48	.....	87	.....	.341	.....	5.87	2.20	7.8	.....	6.9
June	28.647	29.100	28.276	65.4	.....	83.2	60.6	71.9	98	44	57	.....	74	.....	.475	.....	4.58	2.24	4.1	.....	4.0
July	28.632	28.944	28.348	67.0	.....	87.0	62.6	74.8	98	50	60	.....	78	.....	.520	.....	1.82	.97	4.1	.....	4.4
August	28.659	28.970	28.406	67.1	.....	88.2	64.5	76.4	101	52	58	.....	75	.....	.505	.....	3.03	2.25	5.6	.....	5.1
September	28.698	29.041	28.329	56.0	.....	76.3	53.1	64.7	101	30	48	.....	76	.....	.360	.....	1.18	.65	4.3	.....	5.5
October	28.680	29.270	28.287	38.7	.....	59.5	34.8	47.2	86	8	33	.....	79	.....	.205	.....	1.52	.62	5.1	.....	6.1
November	28.702	29.105	28.143	36.0	.....	51.8	32.8	42.3	69	17	31	.....	81	.....	.175	.....	.80	.31	5.9	.....	6.4
December	28.824	29.118	28.529	23.0	.....	39.4	20.6	30.0	61	2	19	.....	85	.....	.114	.....	.27	.16	3.1	.....	4.9
Year	28.687	29.270	27.975	41.3	.....	59.7	37.6	48.6	101	−14	36	.....	80	.....	.265	.....	26.36	2.25	5.0	.....	5.4

YELLOWSTONE PARK, WYO.

[ϕ=44° 58′ N.; λ=110° 42′ W.]

January	23.759	24.116	23.273	11.8	17.3	22.0	5.0	13.5	36	−32	7	12	80	78	0.066	0.079	2.60	0.66	7.2	7.2	7.3
February	23.769	24.150	23.373	4.5	14.3	21.8	−1.2	10.3	40	−21	1	9	85	76	.054	.067	.52	.20	5.1	5.9	5.4
March	23.766	24.083	23.386	16.5	26.6	31.9	12.7	22.3	50	−14	12	17	82	66	.085	.098	2.00	.69	7.4	7.0	6.4
April	23.835	24.131	23.528	30.3	44.9	49.7	26.9	38.3	67	17	23	23	73	44	.122	.119	1.21	.50	4.8	6.0	4.8
May	23.857	24.069	23.623	37.0	52.5	57.4	34.6	46.0	75	23	31	31	79	47	.175	.177	2.81	.89	6.0	7.8	6.8
June	23.874	24.104	23.624	45.1	60.9	65.9	42.9	54.9	76	37	39	39	77	47	.237	.237	2.09	.79	5.2	7.6	6.2
July	23.989	24.225	23.621	47.5	65.3	69.8	44.7	57.2	83	32	40	40	77	44	.234	.254	3.14	1.31	4.0	5.5	5.0
August	24.021	24.287	23.611	49.0	70.2	74.9	46.5	60.7	83	40	41	41	75	38	.258	.267	1.58	.96	3.2	4.2	4.0
September	23.970	24.222	23.577	39.7	57.9	64.0	36.7	50.4	78	19	33	34	78	43	.196	.204	1.34	.64	3.3	4.1	4.3
October	23.904	24.219	23.541	29.2	38.8	45.8	25.3	35.6	68	10	23	25	78	60	.125	.137	1.68	.56	4.5	6.0	5.7
November	23.856	24.281	23.398	28.9	33.4	39.6	23.6	31.6	54	9	22	24	75	66	.122	.127	1.54	.53	5.5	6.8	6.9
December	23.916	24.195	23.432	14.7	23.3	31.5	10.4	21.0	41	− 2	9	14	76	66	.063	.080	.25	.24	2.8	3.0	3.9
Year	23.876	24.287	23.273	29.6	42.1	47.9	25.7	36.8	83	−32	23	26	78	56	.146	.154	20.76	1.31	4.9	5.9	5.6

YUMA, ARIZ.

[ϕ=32° 45′ N.; λ=114° 36′ W.]

January	29.949	30.362	29.334	39.9	60.0	63.9	36.5	50.2	78	24	25	27	57	30	0.134	0.156	0.12	0.12	0.1	1.4	1.1
February	29.798	30.118	29.346	46.3	66.0	69.6	43.7	56.6	81	33	35	36	66	36	.213	.219	.14	.08	1.9	2.4	2.4
March	29.871	30.195	29.473	47.2	73.6	76.6	45.8	61.2	94	36	30	32	51	23	.165	.187	T.	T.	.5	1.0	0.8
April	29.753	29.980	29.546	54.6	83.9	86.3	53.4	69.8	99	45	39	39	58	22	.245	.239	.18	.16	.4	.7	.5
May	29.683	29.835	29.514	57.8	91.3	92.9	56.9	74.9	100	47	44	43	60	19	.287	.284	0	0	.3	.6	.2
June	29.607	29.766	29.405	63.9	98.5	99.6	63.5	81.6	110	55	49	50	59	20	.355	.359	0	0	.1	.6	.2
July	29.673	29.812	29.427	73.7	101.4	103.7	72.8	88.2	115	61	61	58	66	25	.549	.486	.17	.15	1.2	1.5	1.1
August	29.674	29.818	29.486	77.8	100.1	104.0	76.2	90.1	112	68	66	65	68	34	.649	.630	.28	.16	2.0	1.7	1.7
September	29.630	29.775	29.381	70.9	98.3	101.9	69.8	85.8	112	57	56	54	61	24	.481	.442	0	0	.1	.6	.4
October	29.742	29.931	29.530	56.6	83.8	90.4	54.9	72.6	99	45	41	43	61	26	.272	.291	T.	T.	.1	.5	.5
November	29.813	29.941	29.557	53.2	70.9	76.4	50.8	63.6	91	41	43	48	70	45	.286	.340	.15	.15	.9	1.5	1.8
December	29.921	30.064	29.737	43.4	61.5	67.1	40.2	53.6	74	29	32	34	64	36	.179	.199	0	0	.8	1.6	1.7
Year	29.760	30.362	29.334	57.1	82.4	86.0	55.4	70.7	115	24	43	44	62	28	.318	.319	1.04	.16	.7	1.2	1.0

Annual meteorological summary for the year ending December 31, 1913—Continued.

WYTHEVILLE, VA.

[H=2,293 ft.; h_t=40 ft.; h_r=32 ft.; h_a=47 ft.]

Month.	Wind. By self-register. Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of winds, 8 a. m. and 8 p. m. Days with 40 miles and over.	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	W.	36	W.	0	2	3	5	6	4	15	15	9	3	12	7	12	11	10	3	2	0	1	0	0	19	0	0
February	7.3	W.	28	W.	0	0	3	4	6	1	7	29	5	1	16	5	7	8	7	2	1	0	0	3	0	21	0	0
March	7.7	W.	31	W.	0	0	4	6	6	6	7	25	7	1	13	7	11	10	8	4	0	0	0	0	0	14	2	0
April	6.5	NW.	25	NW.	0	0	0	8	2	7	6	17	18	2	14	7	9	11	9	1	1	0	0	0	0	2	1	0
May	4.2	NW.	29	SW.	0	3	4	5	0	4	10	15	20	1	15	13	3	13	12	0	0	0	0	0	0	2	7	0
June	3.9	W.	17	NW.	0	2	2	9	3	2	15	12	13	2	14	13	3	12	10	0	0	0	0	2	0	0	7	0
July	4.5	W.	20	NW.	0	1	2	5	1	2	14	19	10	8	13	17	1	12	11	0	0	0	0	1	0	5	12	0
August	3.2	W.	20	NE.	0	0	2	8	8	3	11	17	5	8	16	10	5	14	12	0	0	0	0	5	0	1	10	0
September	3 0	E.	16	SW.	0	7	6	14	6	2	5	9	3	8	11	10	9	12	11	0	0	0	0	4	0	0	1	0
October	5.8	W.	30	SW.	0	0	2	12	3	1	8	21	12	3	15	6	10	13	9	2	2	0	1	0	0	5	0	0
November	5.6	W.	29	W.	0	2	6	6	1	0	12	24	8	1	15	6	9	5	4	2	2	0	1	2	0	11	0	0
December	5.4	W.	34	NW.	0	1	7	4	2	0	12	20	12	4	14	5	12	6	6	5	4	0	2	2	0	22	0	0
Year	5.2	W.	36	W.	0	18	41	86	44	32	122	223	122	42	168	106	91	127	109	19	12	0	17	7	6	96	40	0

YANKTON, S. DAK.

[H=1,233 ft.; h_t=49 ft.; h_r=42 ft.; h_a=57 ft.]

January	10.1	NW.	34	NW.	0	3	3	2	2	2	2	5	12	0	9	13	9	4	1	9	4	0	0	15	0	30	0	0
February	8.6	NW.	31	NW.	0	3	6	2	0	1	2	5	8	1	12	9	7	6	4	10	6	0	0	18	0	28	0	0
March	11.2	NW.	36	NW.	0	3	2	2	4	0	5	2	13	0	4	15	12	8	6	10	6	0	1	9	0	24	0	0
April	11.0	E.	38	S.	0	3	5	5	4	4	1	2	5	1	12	8	10	11	9	4	4	1	0	0	0	10	3	0
May	8.6	NW.	30	E.	0	4	5	5	2	2	3	1	8	1	4	14	13	15	12	0	0	1	0	0	3	0	8	0
June	8.7	S.	38	NW.	0	2	3	3	6	8	5	1	2	0	12	17	1	8	7	0	0	1	0	0	10	0	7	0
July	6.8	E.	26	S.	0	5	4	9	3	1	1	4	3	1	12	17	2	9	9	0	0	0	0	0	11	0	12	0
August	5.5	E.	20	SW.	0	2	4	7	5	1	4	4	2	2	9	14	8	9	5	0	0	0	1	0	15	0	7	0
September	7.7	E.	32	SW.	0	2	2	6	5	3	3	5	3	1	6	15	9	7	3	0	0	0	0	0	6	2	2	0
October	7.9	NW.	37	NW.	0	2	1	0	3	2	4	6	12	1	6	14	11	7	5	2	1	0	1	1	0	13	3	0
November	7.1	NW.	28	NW.	0	2	2	2	3	5	3	3	8	2	4	13	13	7	5	2	2	0	5	0	0	16	2	0
December	5.4	W.	30	NW.	0	2	3	3	3	1	2	8	5	4	15	6	10	4	3	2	1	0	2	9	0	26	0	0
Year	8.2	NW.	38	S.	0	33	40	46	40	30	35	46	81	14	105	155	105	95	69	39	24	3	10	52	45	149	44	0

YELLOWSTONE PARK, WYO.

[H=6,200 ft.; h_t=11 ft.; h_r=4 ft.; h_a=48 ft.]

January	11.3	S.	41	S.	2	4	0	0	8	29	9	5	7	0	5	6	20	22	15	24	22	0	0	28	0	31	0	0
February	6.9	SW.	29	SW.	0	4	4	0	0	11	20	3	13	1	8	12	8	8	3	11	8	0	0	24	0	28	0	0
March	8.8	SW.	34	SW.	0	12	0	0	5	13	18	3	11	0	5	12	14	15	11	19	14	0	0	12	0	29	0	0
April	9.0	SW.	44	SW.	1	2	1	1	3	19	18	3	13	0	8	13	9	7	5	11	6	0	0	1	0	25	0	0
May	7.0	SW.	38	S.	0	6	5	0	3	16	13	5	14	0	5	11	15	15	13	4	4	0	1	0	0	13	7	0
June	7.0	SW.	35	S.	0	2	1	1	2	34	15	2	3	0	3	16	11	15	10	0	0	1	0	0	0	0	14	0
July	7.6	SW.	41	S.	1	4	3	2	5	18	21	3	6	0	10	12	9	15	11	0	0	0	0	0	0	0	9	0
August	6.6	SW.	28	S.	0	2	1	0	1	18	29	4	7	0	15	9	7	7	5	0	0	0	0	0	0	0	7	0
September	8.0	SW.	33	S.	0	1	1	0	1	17	18	8	14	0	12	11	7	10	6	2	2	1	0	0	0	9	2	0
October	7.7	S.	40	SW.	1	7	2	0	2	15	19	9	7	1	7	11	13	13	9	10	10	0	0	1	0	27	0	0
November	8.9	S.	38	SW.	0	0	1	0	2	32	19	2	4	0	6	7	17	13	9	15	10	0	0	4	0	25	0	0
December	6.4	S.	31	S.	0	3	0	1	2	25	23	4	4	0	17	7	7	2	1	7	2	0	0	16	0	31	0	0
Year	7.9	S.	44	SW.	5	47	19	5	34	247	222	51	103	2	101	127	137	142	98	103	78	2	1	86	0	218	39	0

YUMA, ARIZ.

[H=141 ft.; h_t=9 ft.; h_r=2 ft.; h_a=58 ft.]

January	7.6	N.	34	N.	0	37	7	1	1	3	1	4	8	0	29	1	1	2	1	0	0	0	0	0	0	9	0	0
February	6.8	N.	33	N.	0	15	8	5	5	7	4	8	4	0	21	4	3	4	2	0	0	0	0	0	0	0	0	0
March	7.6	N.	33	N.	0	22	4	1	1	8	6	13	7	0	30	1	0	0	0	0	0	0	0	0	0	2	0	0
April	6.7	W.	28	W.	0	8	7	2	9	6	6	16	6	0	29	1	0	2	1	0	0	0	0	0	0	10	0	0
May	5.9	S.	35	W.	0	5	2	2	7	13	13	10	10	0	30	1	0	0	0	0	0	0	0	0	0	25	0	0
June	6.0	SW.	25	W.	0	2	6	2	2	10	21	11	6	0	30	0	0	0	0	0	0	0	0	0	0	28	0	0
July	6.6	S.	35	N.	0	3	6	0	14	10	15	10	4	0	27	4	0	2	1	0	0	0	0	0	0	31	0	1
August	5.4	SW.	40	S.	1	4	6	1	11	11	12	14	3	0	24	6	1	3	2	0	0	0	0	0	0	31	0	3
September	4.9	SW.	27	N.	0	14	11	1	1	3	15	7	8	0	30	0	0	0	0	0	0	0	0	0	0	27	0	0
October	4.7	N.	24	NE.	0	21	7	3	2	2	11	15	1	0	30	1	0	0	0	0	0	0	0	0	0	20	0	0
November	4.7	N.	25	N.	0	20	10	2	7	5	2	10	4	0	25	3	2	1	1	0	0	0	0	0	0	1	0	0
December	4.6	N.	20	N.	0	27	14	2	2	4	1	5	7	0	26	3	2	0	0	0	0	0	0	0	0	2	0	0
Year	6.0	N.	40	S.	1	178	88	22	62	82	107	123	68	0	331	25	9	14	8	0	0	0	0	0	175	11	4	0

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PART IV.

MONTHLY AND ANNUAL PRECIPITATION, 1913 (ALL STATIONS)—MONTHLY AND SEASONAL SNOWFALL, SEASON 1913-14 (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 1913–14 are given for selected stations in the United States and Canada.

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Monthly and annual precipitation (in inches and hundredths) for 1913.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Alabama.													
Alaga	2.12	7.99	9.85	0.98	1.42	6.70	5.84	5.17	1.07	3.90	0.46	3.26	48.76
Andalusia			8.96	2.59	1.70	6.46			9.10	2.25	0.20		
Anniston	6.28	5.93	8.92	1.43	2.96	3.53	4.12	2.31	4.95	2.66	0.95	3.12	47.16
Ashville	6.17	7.09	8.08	2.50	4.70	6.25	3.34	3.58	7.22	0.77	9.83	4.80	55.33
Auburn	4.13	5.69	12.39	0.90	2.12	5.11	5.95	3.03	3.86	3.14	0.50	3.83	50.65
Bay Minette											1.53	3.81	
Benton	8.75	8.77	15.46	1.74	3.76	3.35	6.47	0.91	5.74	1.54	0.58	5.45	62.52
Bermuda	3.70	5.60	18.08	2.88	1.36	2.78	5.02	2.43	10.27	1.97	1.03	2.66	57.78
Birmingham	8.25	6.77	5.96	2.28	4.48	2.75	4.72	1.01	7.41	1.55	3.24	2.99	51.41
Bridgeport	8.71	4.87	6.86	2.15	4.31	1.98	4.29	2.14	5.12	1.76	1.90	3.48	47.57
Calera	8.25	5.88	9.13	3.46	2.90	3.90	5.07	1.17	7.00	2.09	0.95	3.98	53.78
Camp Hill	5.97	3.22	8.60	1.45	2.18	2.91	4.49	2.71	5.51	2.50	0.80	3.25	43.59
Cedar Bluff	7.34	5.95											
Citronelle	5.60	5.30	15.02	3.47	7.52	4.53	5.69	2.46	10.04	1.63	2.06	2.46	65.78
Clanton	8.36	4.54	7.55	2.47	2.62	4.67	7.10	3.13	4.90	2.57	0.64	3.39	51.94
Cochrane	7.32	7.12	6.86	2.65	9.60	1.38	3.87	0.20	8.20	0.60	2.14	2.92	52.86
Cordova	9.03	8.65	6.70	2.80	6.99	4.30	5.01	1.58	5.30	1.15	2.10	2.71	56.32
Cullman	7.62	5.40	3.87	1.44	6.79		3.88	6.37	5.52	3.75	0.98	3.83	
Dadeville	5.24	5.77	9.51	1.42	3.25	1.96	4.02	1.72	5.62	3.06	0.38	3.57	45.51
Daphne	3.99	2.77	11.02	4.75	4.18	5.25	7.23	3.43	23.46	1.76	3.92	1.60	73.96
Decatur	9.12	5.92	6.99	1.58	2.94	4.25	2.16	2.21	3.71	1.51	1.23	2.77	44.39
Demopolis	8.19	5.93	6.92	3.50	3.16	5.29	7.43	0.33	6.64	2.19	1.99	4.59	56.16
Dothan	1.20	5.95	11.60	2.15	1.08	3.94	5.18	4.06	3.28	3.31			
Eufaula	1.69	6.17	13.47	0.78	1.68	3.09	5.78	2.22	4.74	2.58	0.45	1.51	44.16
Evergreen	4.45	5.12	17.29	3.16	2.55	4.45	2.51	1.16	6.99	3.30	1.10	1.89	53.97
Flomaton			13.81	3.01	2.37	7.42					1.52	3.00	
Florence	7.98	5.75	5.58	2.64	4.08	6.82	3.03	1.24	3.24	2.83	0.91	3.12	47.22
Fort Deposit	3.82	3.97	12.14	1.63	0.78	2.88	6.26	1.50	6.07	5.30	0.60	3.03	47.98
Gadsden	7.38	8.66	9.29	2.62	3.16	2.96	4.36	5.27	7.25	0.96	0.92	5.14	57.97
Goodwater	7.27	3.38	8.61	2.18	3.10	3.52	8.82	2.62	6.26	3.47	0.93	4.45	54.61
Greensboro	7.76	5.61	8.34	2.67	4.70	3.60	6.91	2.87	7.53	1.15	1.76	3.59	56.49
Greenville	5.03	4.54	17.86	3.61	0.97	2.62	3.07	3.90	8.61	1.10	2.08	3.03	56.42
Guntersville	6.89	7.00	5.62	1.97	4.91	3.42	3.88	3.18	6.68	1.28	1.37	3.59	51.79
Hamilton	9.33	4.93		1.82	3.81	2.02	3.33	1.46	5.18	2.20	0.91	2.92	
Healing Springs	5.00	6.22	8.73	5.28	3.06	1.66	2.25	3.55	9.16	1.14	2.57	4.23	52.85
Highland Home	6.23	5.44	19.48	1.78	2.65	3.76	8.40	2.36	8.37	1.94	1.08	2.40	63.89
Livingston	7.55	3.23	8.90	2.03	3.78	1.73	8.80	0.30	11.20	2.24	2.44	3.84	56.04
Lock No. 4	5.82	6.44	7.40	2.52	3.07	2.34	5.45	3.70	6.69	1.77	1.00	3.55	49.75
Madison	6 55	4.06	4.45	1.60	2.63	3.88	2.25	2.17	4.11	1.85	1.28		
Maple Grove	6.13	8.27	9.56	2.44	2.60	4.29	2.35	4.75	6.38	1.31	3.05	3.44	54.57
Mentone	6.41	7.50	6.99	3.01	3.30	2.64	3.46	1.15	5.04	2.41	0.99	5.65	48.55
Milstead	4.63	6.26	11.60	1.83	1.82	3.97	4.42	4.60	5.70	3.72	0.82	3.40	52.77
Mobile	4.29	3.40	10.58	4.16	1.59	3.88	4.41	5.61	15.50	1.70	3.75	2.55	61.42
Montgomery	4.33	6.06	11.45	2.02	2.38	1.71	2.30	0.63	7.97	2.20	0.87	3.17	45.09
Newbern	9.84	5.16	7.26	3.03	2.26	1.85	4.01	3.03	9.15	1.52	1.49	3.94	52.54
Oneonta	7.87	8.02	5.74	2.26	3.87	5.80	2.94	2.30	7.35	1.21	1.26	4.29	52.91
Opelika	3.28	5.61	12.35	1.34	2.45	2.79	5.98	3.15	5.65	3.20	0.50	3.38	49.68
Ozark	1.60	3.95	12.60	0.45	2.45	0.90	9.20	0.90	2.80	2.40	0.25	1.05	38.55
Prattville				1.62	2.39	1.63	3.41	1.52	5.65	1.64	0.52	3.72	
Pushmataha	6.49	6.33	8.77	3.70	4.20	2.61	3.51	1.84	15.18	1.40	2.73	5.76	62.52
Riverton	11.12	5.85	5.64	3.13	3.85	2.65	2.24	4.57	2.67	3.33	1.44	3.23	49.72
Robertsdale	2.83	5.49	16.96	4.02	2.03	5.09	14.80	6.15	13.54	1.40	2.58	1.48	76.37
Scottsboro	6.61	6.19	4.36	1.72	7.86	2.60	3.72	3.65	6.28	1.37	1.68	3.59	49.63
Selma	6.00	6.39	7.47	2.60	3.00	1.51	2.62	2.17	7.24	1.30	0.49	3.18	43.97
Spring Hill	4.50	2.27	11.51	1.96	3.15	3.38	12.89	7.27	17.79	1.81	2.99	2.53	72.05
Talladega	7.03	4.92	7.24	2.44	2.92	9.52	4.74	3.87	8.30	2.79	1.51	2.78	58.06
Tallassee	5.63	4.55	10.14	1.86	2.21	3.09	3.66	1.64	4.00	3.08	0.62	3.22	43.70
Thomasville	6.63	6.78	6.68	3.65	1.54	3.87	6.00	1.69	8.02	0.97	1.51	4.51	51.85
Troy	3.24	4.94	10.88	2.47	1.08	1.70	6.89	1.23	5.78	3.50	0.78	1.60	44.09
Tuscaloosa	7.36	5.01	7.18	2.58	4.83	1.02	3.89	1.79	7.74	1.49	1.00	3.42	47.31
Tuscumbia	8.20		5.13	1.99	4.12	5.21	1.58	1.18	3.80	3.18	0.94	3.43	
Tuskegee	4.36	8.55	15.10	0.45	1.46	1.62	5.36	1.48	4.78	3.24	0.77	2.60	49.77
Union Springs	5.44	5.82	13.99	1.92	1.50	3.81	7.05	1.23	4.08	3.19	1.55	2.35	51.93
Uniontown	8.06	5.66	7.57	3.51	1.47	2.70	4.91	1.54	6.55	1.58	1.25	2.94	47.74
Valley Head	5.94	5.74	7.38	2.52	3.03	3.13	2.60	1.40	4.05	2.15	1.50	4.48	43.92
Wetumpka	3.73	4.48	9.73	1.31	2.20	2.10	5.88	2.26	5.42	3.53	0.61	2.86	44.11
Alaska.													
Allakaket	0.30	1.08	0.50	0.10	0.70	0.15	0.49	2.81	1.87	1.63	1.01	0.67	11.31
Calder	10.40	5.30	8.45	10.30	8.43	4.31	7.50	7.47	20.75	16.35	19.95	15.60	134.81
Chicken					0.86	0.28	2.44	0.78	0.45	0.50			
Claim No. 2					0.36	0.30	1.47	3.07	0.78				
Copper Center	0.83	0.27			0.15	0.89	1.30	0.99	1.46	0.25	2.35		
Cordova	2.68	7.58	3.98	7.72	3.86	0.74	12.77	8.46	19.08	15.09	17.19	16.02	115.17
Dutch Harbor	4.16	9.82	11.84	2.48	4.00	3.50	2.80	2.94	8.46	7.28	5.00	9.82	72.10
Eagle	0.62	0.41	0.65	0.04	0.39	0.37	1.06	2.74	0.56	0.78	0.26	0.46	8.34
Fairbanks	0.43	0.35	0.85	T.	0.47	0.44	2.25	3.70	0.51	1.00		0.15	
Loring	8.96	5.74	14.64	14.70	12.70	4.18	11.46	10.38	23.97	19.07	20.88	22.53	169.21
Fort Liscum	4.26	6.85	5.19	2.57	10.11	0.70	4.03	6.19	6.71	5.87	10.67	13.53	76.68
Juneau	5.21	4.43	4.20	3.67	4.73	0.72	6.50	8.39	12.14	14.58	7.76	8.37	80.70
Ketchikan	16.46	8.17	15.10		10.62	4.97	15.73	11.87	19.67	17.69	20.12	18.47	
Klukwan	1.67	0.63	0.63	1.01	0.06	0.76	1.35	1.83	3.89	4.05	2.88	4.22	22.98
Kodiak			3.13	2.97	8.69	2.73	3.62	4.79	5.38	5.22	2.71	10.08	
Nome	0.36	0.48	0.31	0.18	0.27	0.32	1.40	1.93	0.64	2.30	1.85	0.61	10.65
Rampart	0.18	0.47	0.32	0.01	0.83	0.41	1.41	1.22	1.24	1.23	0.74	0.65	8.71
Seward	2.76	3.52	3.37	6.24	2.68	0.05	4.82	2.90	10.83	8.78			
Sitka	10.42	6.83	3.79	6.10	3.98	0.75	2.81	9.07	9.30	16.58	11.88	5.67	87.18
Skagway	1.05	0.75	0.55	0.65	0.25	0.30		3.65		4 81			
Sunrise	0.96	1.37	0.45	3.17	0.78	0.07	1.64	2.04	3.70	4.35	4.67	5.04	28.24
Tanana	0.41	0.86	0.75	0.12	1.57	0.20	1.70	1.79	1.28	1.07	1.11	0.50	11.36
Valdez	4.00	8.63	1.43	2.82	1.78	0.64	4.38	6.20	6.95	4.66	6.20	8.03	55.72

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Arizona.													
Allaires Ranch	0.60	2.28	0.55	0.28	0.05	0.03	1.69	1.17	1.33	0.16	1.78	0.02	10.84
Alpine	0.29	1.03	0.50	0.19	0.05	0.30	2.66	4.32	3.65	2.89	1.35	1.08	18.31
Ash Fork	0.70	2.70	0.05	0.00	0.00	0.00	0.70	1.46	0.90	0.09	1.71	1.05	9.27
Aztec	0.20	1.07	0.00	0.90	0.00	0.00	1.80	0.58	0.25	0.00	1.10	0.00	5.70
Benson	0.54	2.36	0.33	0.37	0.25	0.20	2.63	2.65	0.66	0.00	1.62	0.00	11.61
Bernardino								1.26	0.33	1.25	3.24	1.10	
Bisbee	0.62	5.05	T.	0.10	0.20							0.54	
Blue	0.50	2.19	1.01	0.30	0.16	0.21	1.39	4.87	2.10	1.15	2.28	1.15	17.31
Bonita	1.32	2.40	T.	1.10	0.10	0.00	3.67	0.67	0.98	0.00	1.16	1.30	12.70
Bowie	0.35	1.72	0.25	0.07	T.	0.64	0.34	1.03	0.72	T.	2.41	0.62	8.15
Buckeye	0.40	2.13	0.00	0.26	0.00	0.00	0.44	0.69	0.12	0.19	0.96	0.14	5.33
Canille	0.81	3.82	0.12	0.35	T.	0.40	3.75	1.76	0.61	0.32	4.39	0.92	17.25
Carrs Ranch											4.59	2.58	
Casa Grande	0.70	1.75	0.07	0.03	0.00	0.00	1.15	0.58	0.05	0.01	2.10	0.71	7.15
Casa Grande Ruin	0.69	1.64	0.12	0.52	T.	T.	0.44	1.36	T.	T.	2.92	0.16	7.85
Cavecreek (near)					0.00	0.00	0.94	0.63	3.60	0.28	1.84	0.08	
Chandler	0.40	1.88	0.00	0.67	0.00	0.00	0.32	0.58	0.41	0.06	1.89	0.59	6.80
Chin Lee	0.15	0.74	0.15	0.89	0.02	0.26	1.28	0.51	1.13	1.56	0.81	0.45	7.95
Chlarsons Mill	1.58	2.99	0 43	0.85	0.23	1.12	5.85	2.86	2.51	0 22	3.80	2.65	25.09
Clifton	0.93	2.35	0.32	0.29	T.	T.	3.63	3.57	0.62	0.10	2.12	1.38	15.31
Cline									0.67	0.89	3.32	0.72	
Cochise	0.20	1.47	0.60	0.50	0.06	0.16	1.07	1.68	0.18	0.00	2.31	0.80	9.03
Columbia	0.95	7.13	0.15	0.75	0.00	0.00	0.90	2.88	1.00	0.75	1.95	0.70	17.16
Cornville						0.27	0.42	1.02	0.55	0.00	1.36	0.56	
Courtland	0.20	4.52	T.	0.28	0.22	1.25	1.83	1.15	1.76	0.00	4.23	1.20	16.64
Don Luis					0.18	0.00	2.85	1.61	1.05	0.28	3.60	T.	
Dos Cabezos	1.03	3.02	0.80	0.75	0.22	0.55	3.33	6.04	1.24	0.00	3.48	1.09	21.55
Douglas	1.12	3.47	0.20	0.08	0.19	0.13	3.31	2.28	0.57	T.	4.24	1.05	16.64
Dudleyville	1.23	4.36	0.42	0.58	T.	0.17	2.96	0.99	0.54	0.05	1.94	1.47	14.71
Elgin	1.88	4.40	0.25	0.30	0.00		4.42	3.63	1.13	0.23	2.23	1.04	
Fairbank	0.22	2.84	0.05	0.10	T.	T.	4.75	1.03	0.83	0.01	0.70	1.08	11.61
Flagstaff (Weather Bureau)	0.76	2.78	1.08	0.19	T.	0.04	2.35	2.20	1.89	1.40	2.11	0.90	15.70
Flagstaff (Fort Valley.)	0.99	3.62	1.26	0.09	T.	0.19	2.43	4.21	1.87	1.45	1.63	1.68	19.42
Florence	0.63	1.55	0.50	0.70	0.00	0.00	0.42	1.50	0.65	0.00	3.03	0.83	9.81
Fort Apache	0.67	1.07	0.37	0.75	0.00	0.20	0.49	1.43	0.60	0.64	1.13	1.34	8.69
Fort Huachuca	0.78	4.69	0.18	0.12	0.28	0.01	1.16	3.18	1.04	0.20	3.79	1.50	16.93
Fort Mohave		1.90	0.00	0.00	0.00	0.00							
Gila Bend	0.28	1.70	0.00	1.10	0.05	0.00	0.72	0.30	0.00	0.00	1.24	0.25	5.64
Globe	0.58	3.87	0.08	0.43	0.00	0.03	3.35	1.84	0.90	0.41	1.73	1.50	14.72
Grand Canyon (rim)	1.05	4.20	0.90	0.01	T.	T.	3.85	0.97	0.50	0.00	2.70	1.57	15.75
Grand Canyon (bottom)	0.74	2.44	0.47	0.04	T.	T.	[3.16]	1.93	0.32	0.36	[1.10]	[1.13]	11.69
Grand View	1.28	3.47	1.15	0.00	0.00	0.00	1.58	2.55	0.54	0.39	1.70	1.79	14.44
Granite Reef Dam	0.69	2.42	0.23	1.08	0.00	0.03	1.51	0.17	1.62	0.03	2.43	0.67	10.85
Greer	0.86	4.08	1.34	0.00	0.10	0.52	2.78	3.25	3.47	1.20	0.25	2.24	20.09
Hackberry						0.04	0.46	0.89	0.59	0.07	1.63	0.22	
Hereford	0.10		0.07	0.00	0.04	0.04	4.47	1.86	0.57	0.17	1.41	0.42	
Holbrook	0.12	1.48	0.02	T.	0.00	T.	2.04	0.50	1.13	0.67	0.30		
Indian Oasis	0.38	2.52	0.10	0.41	0.00								
Intake	0.30	3.95	0.15	0.45	0.00	0.00	2.68	0.35	1.70	0.00	1.95	1.90	13.43
Jerome	0.70	4.40	1.09	T.	0.00	0.17	3.28	2.89	2.38	0.63	3.18	1.74	20.46
Keams Canyon	0.60	1.71	0.38	0.13	T.	0.01	0.87	1.87	1.61	0.00	1.22	1.39	9.79
Kingman	0.70	0.41	0.02	0.07	0.00	T.	0.08	1.10	0.35	T.	1.08	T.	3.81
Lakeside	0.68	5.27	1.11	0.43	T.	0.51	3.44	1.63	1.86	1.01	2.57	1.90	20.41
Lewis Springs	0.23	3.65	T.	0.00	T.	0.20	4.46	3.57	0.40	0.00	2.17	0.90	15.58
Lowell Observatory	1.46	3.97	1.68	0.19	T.	0.05	2.86	2.72	2.36	1.22	2.16	0.88	19.55
McNeal	0.10	3.24	0.03	0.21	0.14	0.18	1.50	2.72	0.59	0.10	4.16	1.09	14.06
Maricopa	0.60	1.08	T.	0.50	T.	T.	0.37	0.52	0.10	0.05	1.20	0.60	5.02
Marinette								1.42	0.42	0.00	1.11	0.62	
Moccasin	0.70	3.75	0.70	0.30	0.03	0.13	0.89	1.89	1.53	0.16	1.78	0.26	12.12
Mohawk		1.23	0.00	0.38	0.00	0.00	1.51	0.25	0.00	0.64	0.41	0.02	
Naco	0.45	3.30	0.00	0.17	0.21	0.09	3.13	1.75	0.47	0.10	3.40	0.18	13.25
Natural Bridge	1.40	6.61	0.97	0.95	0.00	T.	2.02	2.52	2.90	0.14	4.33	1.69	23.53
Nutrioso					0.14	0.13	2.34	3.69	2.50	1.83	1.45	1.78	
Oracle	2.00	4.54	0.60	0.84	0.11	0.10	4.42	3.17	0.63	0.02	2.57	1.76	20.76
Osborn	1.48	4.03	0.00	0.07	0.35	0.03	2.53	2.13	0.33	0.35	4.33	0.77	16.40
Paradise	0.92	2.80	0.59	0.21	0.03	0.03	3.76	1.78	2.11	0.00	3.38	1.79	17.40
Parker	0.15	2.10	0.00	0.00	0.00	0.00	0.58	0.64	0.13	0.00	1.49	T.	5.09
Payson	0.77	5.14	0.54	0.65	T.	T.	2.72	4.25	2.73	0.32	5.19	1.53	23.84
Pearce (near)									0.38	T.	2.17	1.05	
Phoenix (Weather Bureau)	0.38	1.93	0.07	0.51	0.00	0.00	0.94	0.32	0.13	0.01	0.83	0.27	5.39
Phoenix (Experiment Station Farm)	0.41	2.18	0.05	0.60	0.00	0.00	1.70	0.58	0.21	0.12	1.29	0.50	7.64
Phoenix (Salt River Nurseries)	0.43	1.80	T.	0.56	0.00	0.00	1.11	0.28	0.04	0.06	1.27	0.22	5.77
Pinal Ranch	1.14	7.00	0.33	0.56	0.00	0.28	2.62	2.86	0.21	0.60	3.63	1.63	20.86
Pinedale	0.19	2.37	0.24	0.42	0.00	0.37	2.47	1.81	1.53	0.65	2.37	1.02	13.44
Pinto	0.60	2.00	0.25	0.49	T.	T.	1.04	0.65	1.15	1.05	1.73	1.28	10.24
Prescott	0.37	2.99	0.17	0.08	T.	T.	3.27	2.57	2.64	0.25	1.23	0.43	14.00
Prescott Dry Farm	0.05	1.82	0.20	0.10	0.04	0.00	1.99	1.95	3.10	0.78	0.63	0.52	11.18
Quartzsite	0.44	1.36	0.25	0.30	0.00	0.00	0.90	1.38	0.15	0.05	1.06	0.00	5.89
Redrock								2.42	0.53	T.	2.27	1.57	
Rice	0.91	3.31	0.20	0.34	0.00		1.32				1.26	1.47	
Roosevelt	1.19	5.34	0.21	0.66	0.00	0.10		0.20	0.34	0.60	2.66	1.40	
Sacaton	0.72	1.72	0.00	0.40	0.00	0.07	0.92	0.73	0.04	0.18	2.63	0.81	8.22
St. Johns	0.50		0.55	0.20	0.00	0.20	2.10	1.75	3.12	0.87	1.45	1.25	
St. Michaels	0.08	5.81	0.94	0.37	T.	T.	0.95	3.18	3.50	1.25	1.55	1.74	19.37
Salome									1.05	0.00	0.96	0.42	
San Simon	0.20	0.90		0.15	T.	T.	0.85	0.35	0.90	0.00	1.75	1.10	
Seligman	0.25	0.50	0.20	0.25	0.00	0.00	0.35	3.37	0.50	0.09	1.77	0.13	7.41
Sentinel	0.30	1.28	0.00	0.46	0.00	0.00	0.02	1.03	0.08	0.00	0.06	T.	3.23
Silverbell	0.80	2.93	0.02	0.25	0.30	T.	0.36	2.73		0.18	2.17	1.53	
Snowflake	0.10	1.10	T.	0.20	T.	0.03	1.01	1.28	0.69	1.00	0.85	0.75	7.01
Springerville	0.32	1.36	0.10	0.09	0.01	0.13	2.57	2.14	1.54	0.61	0.78	0.76	10.41
Supai	0.44	0.82	0.41	0.22	0.00	0.00	0.82	1.14	0.37	0.12	1.15	0.63	6.12
Tempe	0.73	2.75	0.09	0.68	T.	0.00	2.23	0.83	0.11	0.03	1.45	0.41	9.31
Tempe Bridge	0.50	2.81	0.10	0.67	T.	0.00	0.70	0.44	0.08	0.04	1.34	0.04	6.72

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Arizona—Continued.													
Thatcher	0.53	1.50	0.26	0.29	0.08	0.17	3.48	2.48	1.10	0.36	1.33	1.25	12.83
Thomas								1.84	3.17	1.06	5.75	1.81	
Tombstone	0.60	3.02	0.08	0.09	0.07	0.41	4.54	2.88	0.37	0.30	2.80	0.81	15.97
Truxton	0.60	1.57	0.30	0.28	T.	0.03	1.58		0.75	0.03	1.35	0.12	
Tuba	0.34	2.03	0.31	0.12	T.	0.17	0.58	0.49	0.62	0.66	0.85	0.42	6.59
Tucson (University)	0.80	1.86	0.12	0.70	T.	0.08	1.32	1.21	0.14	0.22	1.98	0.89	9.32
Tucson (Escuela)	0.61	1.77	0.15	0.60	0.00	0.04	1.48	3.36	0.17	0.20	2.04	0.81	11.23
Tucson (Magnetic Observatory)	0.79	2.35	0.20	0.32	T.	0.03	3.06	1.37	0.13	0.18	2.01	1.35	11.79
Vail	0.55	1.95	0.00	0.00	0.60	T.	2.75	1.20	1.50	0.60	1.20	1.17	11.52
Walnut Grove	0.50	5.52	0.12	0.35	0.00	T.	2.75	2.57	0.50	0.20	2.63	0.91	16.05
Wickenburg			T.	0.68	0.00	0.06	0.54	0.11	0.32	0.25	1.83	0.25	
Willcox		2.07	0.85	0.30	0.00	0.00	0.75	2.16	0.18	0.00	2.15	1.29	
Williams	1.90	2.85	0.40	0.01	T.	0.00	1.80	2.90	1.65	0.37	3.17	1.90	16.95
Winslow	0.00			0.03									
Yuma (Weather Bureau)	0.12	0.14	T.	0.18	0.00	0.00	0.17	0.28	0.00	T.	0.15	0.00	1.04
Yuma (Date Orchard)	0.19	0.14	T.	0.15	0.00	0.00	0.04	0.58	0.02	T.	0.41	T.	1.53
Arkansas.													
Alicia	7.80	3.45	6.67	4.59	2.27	1.45	3.90	2.95	5.50	6.36	2.92		
Amity	7.70	3.70	4.03	6.60	4.19		4.76	0.37	16.28	3.25	4.18	3.64	
Arkadelphia	7.02									4.59	1.19	2.66	
Arkansas City	10.16	5.90	5.73	5.50	4.15	1.41	2.82	2.81	10.87	4.14	3.84	3.77	61.10
Batesville	9.60	2.42	6.77	4.28	1.06	0.96	2.44	5.32	9.40	6.65	3.39	3.22	55.51
Bee Branch	12.10	3.15	5.65	3.85	1.25	2.75	6.60	1.50	8.30	5.55	2.30	3.05	56.05
Benton	11.29	4.64											
Bentonville	3.42	3.00	4.92	2.99	2.86	0.99	4.64	0.01	3.96	4.59	2.46	3.44	37.28
Bergman	4.77	1.54	3.12	3.61	2.19	0.46	2.53	0.18	7.91	5.78	1.82	4.03	37.94
Black Rock	10.71	2.43	8.68	4.38	1.09	0.79	3.86	1.71	5.23	7.37	2.68	1.89	50.82
Brinkley	12.42	5.46	4.14	7.04	4.01	0.67	4.69	0.93	15.11	4.92	2.79	2.11	64.29
Calico Rock	6.88	0.95	4.60	4.15	0.30	0.52	2.60	8.00	5.35	7.25	1.90	2.08	44.58
Camden	5.55	5.59	2.82	4.37	4.78	6.34	4.55	1.67	13.43	4.36	1.55	2.51	57.52
Centerpoint	9.67	3.56	2.92	4.22	6.55	2.87	5.29	0.33	11.43	3.29	3.50	4.09	57.72
Clarendon	8.48	4.82	3.01	7.92	2.74	1.37	1.65	1.45	14.17	5.12	2.40	1.98	55.71
Conway	14.92	3.41	5.86	7.17	2.65	1.15	5.15	1.32	9.24	7.19	2.80	3.03	63.89
Corning	11.00	2.21	7.16	2.63	0.87	2.52	6.06	0.45	6.68	7.38	2.94	2.64	52.54
Dardanelle	7.14	2.43	4.77	3.53	3.96	1.60	3.62	0.20	9.96	4.15	1.92	3.44	46.72
Dodd City	7.50	1.65	3.52	3.34	2.68	1.35	2.20	0.40	9.16	4.93	2.41	4.37	43.51
Dumas	9.00	5.53	8.22	4.27	3.10	0.80	4.11	2.85	14.20	5.32	2.25	3.15	62.80
Dutton	6.21	3.02	2.78	3.55	3.04	0.76	7.67	0.62	12.76	7.83	5.16	5.10	58.50
Eldorado	6.19	4.32	3.44	5.95	5.06	2.11	3.90	2.27	17.84	4.61	2.05	2.52	60.26
England	9.01	5.12	4.79	7.65	3.55	2.74	2.09	1.09	14.52	5.26	2.30	2.56	60.68
Eureka Springs	5.02	2.08	3.97	2.62	4.48	1.79	4.70	2.27	6.39	4.70	3.26	3.85	45.13
Fayetteville	5.22	2.58	4.66	3.94	4.40	1.05	8.26	0.42	3.78	4.18	3.93	4.88	47.30
Fordyce	4.77	5.78	2.96	5.10	3.86	3.82	4.83		15.54	5.90	1.10	2.25	
Fort Smith	5.29	2.64	2.43	2.70	2.99	0.64	3.69	0.84	4.99	3.71	2.15	4.79	36.86
Fraziers Turnpike	8.98	4.59	5.07	7.59									
Fulton	6.89	4.46	4.81	2.36	4.62	2.30	2.74	1.48	10.30	2.28	1.68	4.28	48.20
Georgetown	10.10	3.34	5.76	8.36	1.98	0.14	4.80	1.84	11.13	4.79	1.80	2.37	56.41
Hardy	10.84	1.92	5.35	3.33	1.21	2.78	4.33	3.01	6.67	6.65	3.90	2.83	52.82
Helena	7.53	4.36	6.61	5.01	1.83	1.48	3.46	1.35	5.39	2.64	2.78	1.73	44.17
Hot Springs	10.85	3.39	2.50	9.81	5.84	2.51	4.17	1.00	11.72	6.12	4.49	3.96	66.36
Huttig	8.13	3.91	6.88	4.87	6.45	1.42	3.66	3.35	14.11	6.27	2.05	4.07	65.17
Jonesboro	7.64	5.40	5.48	3.46	0.80	0.20	4.80	1.42	5.00	7.22	0.86	2.70	44.98
Junction	4.63	3.48	6.40	5.14	5.37	0.58	2.94	4.48	10.24	4.26	2.20		
Lake Farm	6.83	5.10	2.76	5.41	3.48	1.23	3.51	0.57	7.82	5.61	1.74	2.21	46.27
Lewisville	4.94	5.97	5.05	4.22	5.70		2.91	2.25	11.05	2.79	0.75	2.96	
Little Rock	11.29	3.78	4.47	11.46	2.34	2.05	3.74	2.40	9.25	4.78	3.05	2.96	61.57
Lutherville	9.28	3.00	3.20	4.20	5.07	1.17	3.79	1.51	7.00	7.32	2.60	5.11	53.25
Malvern	11.77	5.31	4.33	8.52	2.90	2.00	5.17	2.35	16.75	5.75	3.43	3.76	72.04
Mammoth Spring	9.29	1.72	4.84	2.47	1.27	1.70	5.39	2.05	5.77	9.31	1.89	1.64	47.34
Marked Tree	14.16	2.80						0.21	3.97	8.84	1.80	3.23	
Mena	9.17	3.17	5.35	3.44	10.18	4.02	2.83	0.33	9.87	5.05	4.06	5.24	62.71
Newport	17.30	4.35	5.98	5.21	1.30	1.48	4.54	3.24	9.83	5.98	2.27	2.64	64.12
Pine Bluff	5.22	5.57	2.89	6.86	2.64	1.07	5.13	0.43	15.44	6.92	1.55	2.08	55.80
Pocahontas	10.78	1.58	9.47	3.77	0.90	2.88	3.83	1.20	4.81	6.59	3.34	2.12	51.27
Pond	3.41	3.12	3.74	3.36	4.30	0.69	3.96	0.24	3.04	3.99	2.39	3.46	35.70
Portland	8.67	5.96	5.60	4.94	4.69	1.53	3.19	3.08	7.62	5.47	3.95	3.97	58.67
Prescott	7.25	4.40	5.51	4.58	5.95	1.75	5.42	1.59	12.88	3.22	2.27	3.04	57.86
Rison										6.20	1.12	2.43	
Rogers	4.17	1.76	3.32	1.84	3.39	2.58	10.34	0.14	4.27	3.84	2.21	3.64	41.50
Sheridan											2.60	2.00	
Springbank	5.83	5.40	5.02	4.69	3.84	0.79	2.37	0.65	15.95	2.52	1.23	4.31	52.60
Stuttgart	8.12	4.98	3.11	6.62	4.20	0.86	2.02	0.03	12.54	4.28	1.39	3.01	51.16
Subiaco	8.85	2.89	3.59	4.28	5.22	1.10	2.91	0.59	6.66	6.39	2.37	5.03	49.88
Swain	6.07	2.46	2.64	2.30	3.51	1.11	8.52	T.	9.27	6.58	3.84	5.89	52.19
Texarkana	5.92	5.35	4.94	2.33	3.81	1.18	2.71	1.87	9.61	2.49	1.02	3.96	45.19
Warren	7.36	5.60	4.65	6.17	3.39	0.95	4.07	2.70	15.40	5.87	0.79	2.30	59.25
Whiteclifts	7.58	4.03	3.05	2.71	7.30	1.97	0.52	0.04	9.45	2.90	1.07	2.47	43.09
Wiggs	9.99	3.90	4.07	8.52	4.92	3.45	3.77	1.63	11.54	4.56	3.94	3.97	64.26
Wynne	14.16	4.94	3.84	5.88	2.79	1.81	11.54	0.81	11.42	3.53	1.43	1.63	63.78
California.													
Aguanga	1.61	3.10	0.65	0.16	0.00	0.05	0.16	1.07	0.82	0.16	1.26	0.23	9.27
Alturas	1.92	0.16	1.43	2.08	0.68	2.20	3.00	0.87	0.22	0.10	1.59	2.52	16.77
Angels Camp	7.48	0.46	2.79	1.30	1.99	0.10	0.11	T.	0.00	0.00	4.27	10.78	29.37
Angiola	0.67	1.53	0.51	0.37	0.44	0.20	T.	T.	0.00	0.00	1.08	1.39	6.79
Antelope Valley	1.63	1.57	0.56	0.18	0.00	0.70	0.07	0.20	T.	0.00	1.14	1.29	7.34
Antioch	2.74	0.52	0.67	0.07	0.45	0.00	0.18	0.00	0.00	0.00	4.22	2.52	11.37
Aptos	5.11	0.34	1.72	0.38	0.86	0.25	0.48	0.08	0.00	0.00	5.48	8.02	22.72
Arrowhead Springs	3.00	6.65	1.29	0.96	0.45	1.10	0.15	0.15	0.13	0.26	4.38	1.61	20.13
Auburn	4.34	0.40	2.06	1.43	1.22	0.00	0.04	T.	0.00	0.00	3.52	5.76	18.77
Avalon	1.34	6.56	0.35	0.10	0.00	0.09	T.	T.	0.00	0.20	1.57	2.10	12.31
Azusa	2.02	8.82	0.58	0.63	0.22	0.47	0.01	0.09	0.00	0.00	3.70	1.76	18.30
Bagdad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
Bakersfield				T.	0.20	0.36	0.43	0.18	T.	0.00	0.92	1.46	
Barstow	0.30	1.17	0.45	0.00	T.	0.05	0.35	0.27	0.13	T.	0.78	0.10	3.60
Bear River	10.92	1.28	5.85	4.40	3.01	0.83	2.03	0.63					
Bear Valley	2.49	3.97	4.66	0.84	1.59	0.79	1.10	0.99	0.00	0.00	3.62	3.06	23.11
Bear Valley Dam	4.87	9.93	3.01	0.58	0.28	0.63	0.58	2.79	0.00	0.00	6.70	2.43	31.80
Beaumont	1.18	4.59	0.79	0.58	0.37	0.17	0.74	1.43	0.00	0.00	3.23	1.75	14.83
Beaumont (near)	1.62	4.67	1.54	0.44	0.35	0.32	1.16	0.49	0.22	0.00	4.07	1.78	16.66
Belotta	3.91	0.10	1.58	0.55	0.75	0.00	0.01	0.00	0.00	0.00	3.62	3.81	14.33
Ben Lomond	12.68	0.39	4.70	0.90	0.94	0.18	0.40	T.	0.00	0.00	11.00	27.19	58.38
Berkeley	3.78	0.64	1.98	0.57	0.99	T.	0.19	0.03	0.00	0.36	5.83	6.82	21.19
Betteravia	2.86	1.66	0.60	0.48	0.15	0.36	0.00	0.97	0.00	0.00	2.32	3.40	12.80
Biggs	3.08	1.09	1.89	1.32	0.97	0.11	0.20	0.00	0.00	0.00	4.96	7.50	21.12
Bijou	4.13	0.80	0.93	1.09	1.79						2.02	5.34	
Bishop	1.25	2.05	0.09		0.10	0.00			0.00	T.	0.56	0.20	
Bishop Creek	4.52	4.30	1.00	0.50	0.45	2.75			0.00	0.10	2.10	2.10	
Blocksburg	15.60	0.68	6.33		1.89	2.23	0.41	T.	0.11	0.83	11.09	16.20	
Blue Canon	12.31	3.75	5.10	5.87	4.19	0.77	0.52	0.05	0.43	0.00	11.39	13.01	57.39
Blythe	0.30	0.83	T.	T.	0.00	0.00	2.20	0.40	0.00	0.00	1.08	T.	4.81
Boulder Creek	9.30	0.29	3.93	0.67	0.73	0.11	0.17	0.00	0.00	0.00	9.47	13.16	37.83
Bowmans Dam	18.12	0.84	5.81	4.52	3.65	1.36	2.22	0.10	0.06	0.08	11.12	13.55	61.43
Branscomb	20.47	0.68	6.17	6.99	2.77	0.86	0.40	T.	0.05	0.40	12.34	23.00	74.13
Brawley	T.	0.44	0.00	0.15	0.00	0.00	0.27	1.00	0.00	T.	0.25	0.10	2.21
Bridgeport	2.05	0.56	0.36	0.10	1.59	1.30	1.59	1.65	0.13	0.03	0.91	2.34	12.61
Burney	4.95	0.70	2.53	1.73	1.78	2.79	0.75	0.56	0.00	0.00	4.29	9.37	29.44
Cahuilla	0.62	1.55	0.75	0.57	0.12	0.10	0.50	1.42	0.83	0.01	2.57	1.07	10.11
Calexico	T.	0.40	0.00	T.	0.00	0.00	0.11	1.09	0.25	0.00	0.03	0.00	1.88
Caliente	1.30	2.35	1.32				1.00	2.60	0.00	T.	1.93	3.33	
Calistoga	9.03	0.30	3.21	1.96	1.40	0.11	T.	0.00	0.00	0.00	6.15	17.59	39.75
Campbell	2.04	0.08	0.90	0.22	0.70	T.	0.09	0.09	0.00	T.	3.04	3.57	13.73
Campo	2.75	5.27	1.90	0.33	0.13	0.20	0.36	1.77	0.00	0.05	2.39	1.49	16.64
Camptonville (near)	12.64	1.92	5.97	4.89	3.06	0.61	0.33	0.02	0.40	T.	13.09	24.21	67.14
Cathedral Park	7.53	1.97	2.71	5.00	0.44		2.12	0.38	0.01	0.62	6.14	9.93	
Cedarville	1.66	0.30	1.05	1.24	0.62	1.97	1.44	0.29	0.52	0.19	1.69	4.26	15.23
Chester	6.38	1.30	3.26	2.38	1.11	3.53	1.60	0.47	0.09	0.22	5.38	8.25	33.97
Chico	4.53	0.82	2.41	1.16	1.39	1.01	0.09	0.00	0.00	0.00	7.27	9.42	28.10
Chico (near)	5.08	0.81	2.87	1.43	1.06	1.23	0.04	T.	0.00	T.	7.65	10.80	30.91
China Flat	13.46	0.34	2.82	3.72	1.84	1.09	0.61	T.	0.26	0.87	8.96	14.26	48.23
Chino	1.00	5.30	0.00	0.30	T.	0.00	0.00	0.00	0.00	0.00	1.31	1.56	9.47
Cisco	11.20	1.10	5.50	2.00	2.86	0.63	1.13	0.50	0.50	T.	5.00	7.30	37.72
Claremont	1.96	8.32	0.59	0.25	0.38	0.16	0.04	0.02	0.04	0.00	3.23	0.73	15.72
Cloverdale	9.82	0.23	2.61	2.04	1.49	T.	0.39	T.	T.	T.	9.30	16.76	42.64
Coalinga	1.08	0.82	0.22	0.65	0.18	0.13	1.22	T.	0.08	0.00	1.82	0.62	6.82
Colfax	2.58	0.32	1.70	1.48	2.41	T.	0.00	0.00	0.00	0.00	8.19	9.57	26.25
Colgate	7.55	1.45	3.76	2.36	3.21	0.48	0.15	0.00	0.10	0.00	7.69	11.18	37.93
Colusa	2.62	0.46	1.12	0.44	0.62	0.12	T.	T.	0.00	0.00	5.54	6.80	17.72
Corning	4.27	0.31	1.39	1.18	0.48	0.71	T.	0.00	0.00	0.00	3.16	8.58	20.08
Corona	1.57	3.76	0.62	0.23	0.12	0.19						1.30	
Cuyamaca	5.38	11.88	2.12	0.93	0.51	0.71	0.52	2.38	0.02	0.34	4.86	3.33	32.98
Davisville	3.43	0.15	1.08	0.77	0.36	0.07	0.00	T.	0.00	0.00	4.63	7.44	17.93
Deer Creek	13.32	2.09	5.36	4.68	3.69	0.31	0.93	0.32	0.34	T.	12.67	22.43	66.14
Deer Park			2.39	4.58	3.26				0.00	0.00	3.60		
Del Monte	2.97	0.10	0.95	0.10	0.27	0.00	0.00	0.00	0.00	0.00	3.42	2.95	10.76
Delta	10.06	0.50	3.46	4.70	2.25	2.41	0.66	0.00	0.00	0.90	9.86	15.88	50.68
Denair	1.26	0.15	0.65	0.14	0.43	0.10	0.00	0.00	0.00	0.00	1.78	1.17	5.68
De Sabla	14.82	3.00	6.56	5.42	2.75	1.51	0.20	T.	0.00	0.20	14.07	26.26	74.79
Descanso	3.27	6.65	2.62	0.60	0.40	0.38	0.00	0.57	1.27	0.06	3.42	1.59	20.83
Devils Canon	2.87	7.27	0.82	0.65	0.36	1.56	0.40	0.09	0.00		3.39	1.82	
Dinuba	1.74	1.85	0.80	1.19	0.82	0.10	0.28	0.12	0.00	0.00	2.45	2.59	11.94
Dobbins (near)	8.08	1.55	4.05	2.51	2.95	0.47	0.18	0.00	0.10	0.00	8.19	14.27	42.35
Downieville	13.14	1.24	5.55	5.47	2.97	1.54	1.41	0.17	0.12	0.01	10.54	20.38	62.54
Dudley	0.85	1.31	0.24	0.10	0.05	0.70	0.28	T.	T.	0.00	1.17	0.80	5.50
Dudleys	5.40	1.45	3.41	1.91	1.62	0.69	0.09	0.04	0.08	T.	5.01	9.81	29.51
Dunlap (near)	4.95	5.37	2.13	1.75	2.06	0.80				0.00	5.30	5.48	
Dunnigan	2.76	0.29	1.40	0.54	0.21	0.10	0.12	T.	0.00	0.00	5.43	7.49	18.34
Dunsmuir	12.87	1.65	2.94	3.10	3.41	2.57	0.96	1.71	0.00	0.04	10.65	11.28	50.58
Durham	4.91	0.71	2.75	1.72	1.40	0.86	0.08	T.	0.00	T.	4.96	9.67	27.06
East Park	3.44	0.09	0.99	0.67	0.59	0.74	0.02	0.00	0.00	0.00	5.41	7.90	19.85
Edgewood	1.68	0.62	0.78	1.98	1.15	1.86	2.20	0.94	0.34	0.08	1.98	6.33	19.94
Edison	2.12	0.91	1.24	0.35	0.94	0.46	0.38	1.14	0.00	0.00	1.91	1.27	10.72
El Cajon	1.50	3.10	1.09	0.19	0.16	0.10	0.20	0.33	0.00	0.02	2.83	1.03	10.55
Electra	6.90	0.29	1.97	1.77	1.81	0.02	0.00	0.00	0.00	0.00	4.15	7.12	24.03
Emigrant Gap	7.85	1.72	4.26	2.87	3.70	0.21	T.	0.00	T.	T.	8.68	11.96	41.25
Escondido	1.79	4.21	1.46	0.70	0.17	0.10	0.07	0.00	0.07	T.	2.54	1.11	12.22
Eureka	8.10	0.87	3.61	3.41	1.67	1.60	0.28	0.03	0.48	0.88	5.29	7.58	33.80
Fairmont													
Farmington	2.98	0.00	1.34	0.57	0.35	0.00	0.15	T.	0.00	0.00	2.96	3.19	11.54
Felton	9.00	0.24	3.10	0.32	0.48	0.27	0.37	0.00	0.00	0.00	9.20	13.56	36.54
Firebaugh	0.84	0.97	0.44	0.40	0.32	0.05	0.14	T.	T.	0.00	1.93	1.07	6.16
Folsom	4.25	0.56	1.95	0.94	1.27	T.	T.	T.	T.	T.	4.92	5.07	18.96
Fordyce Dam	12.99	1.31	5.42	4.90	3.42	2.14	3.69	1.07	0.80	0.05	12.62	17.54	65.95
Fort Bidwell	2.20	0.20	1.10	1.20	0.60	2.31	1.52	0.72	0.19	0.10	2.41	4.07	16.62
Fort Bragg	8.49	0.56	2.89	2.93	1.07	0.50	0.15	0.10	0.23	1.38	7.34	11.18	36.82
Fort Ross	9.14	0.62	3.00	4.16	2.70	0.10	0.00	0.00	0.00	0.25	14.31	17.72	52.00
Fresno	1.22	1.71	0.63	1.01	0.30	0.10	0.33	T.	T.	T.	1.86	1.53	8.69
Friant	2.24	2.42	1.15	1.59	0.44	0.10	0.00	0.00	0.00	0.00	2.55	2.71	13.20
Galt	3.13	0.00	1.08	0.69	0.77	0.00	T.	0.00	T.	0.00	4.13	3.89	14.29
Georgetown	6.51	0.30	4.06	4.13	2.97			0.00	0.00		6.14	13.54	
Gilroy	4.68	0.05	2.18	0.23	0.83	0.06	0.66	0.08	0.00	0.00	3.28	10.12	22.17
Gilta	11.13	0.38	4.84	3.88	2.51	1.95	1.44	2.25	0.58	0.52	9.92	12.88	51.78
Glenn Ranch	5.68	9.65	0.72	0.55	0.31	0.47	0.33	0.27	0.00	0.03	4.98	1.73	24.72
Glenville	2.21	3.30	1.57	0.41	1.15	0.58	1.09	1.86	T.	T.	4.15	2.97	19.29
Glenwood	9.23	0.40	3.19	0.67	1.37	0.10	0.29	T.	0.00	0.00	8.35	14.88	38.48
Gold Run	11.85	1.00	5.45	4.20	3.10	0.10	T.	0.00	0.00	T.	9.29	14.86	49.85
Gonzales	2.61	0.48	0.99	0.15	0.78	T.	0.00	T.	T.	0.00	3.01	1.50	9.52
Grass Valley	9.88	1.59	3.91	2.83	3.00	0.88	0.39	T.	T.	T.	9.14	19.07	50.69

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
Greenland Ranch	0.01	1.90	0.10	0.00	0.01	0.00	0.60	0.01	0.30	0.00	1.61	0.00	4.54
Greenville	8.38	1.03	4.88	7.93	1.30	2.08	4.33	0.33	T.	0.05	6.21	14.02	45.54
Gridley	3.89	1.24	2.38	1.62	0.94	0.22	0.15	0.00	T.	T.	6.45	8.05	24.94
Groveland	1.59	0.86	3.31	3.31	2.17	0.12	0.12	T.	T.	0.00	4.81	9.90	26.19
Guinda	5.23	0.27	0.75	0.86	0.49	0.18	T.	T.	0.00	0.00	4.80	11.13	23.71
Hanford	1.26	1.55	0.34	0.78	0.76	0.06	0.08	0.00				1.35	
Head Dam	10.70	2.06	5.12	3.98	3.03	0.88	0.22	0.03	0.01	0.00	10.23	19.56	55.82
Healdsburg	11.03	0.41	2.66	1.58	1.49	T.	0.02	T.	0.00	0.00	10.20	17.23	44.62
Hearst (near)	9.29	0.05	5.03	4.48	2.63	1.09	0.30	0.02	0.25	0.27	8.40	17.48	49.29
Heber	0.09	0.23	0.00	0.02	0.00	0.00	T.	1.20	0.00	0.00	0.03	0.00	1.57
Helen Mine	18.79	0.80	5.89	4.62	3.83	0.30	0.30	0.00	0.00	0.00	19.29	34.52	88.34
Hetch Hetchy	3.59	0.85	2.94	2.68	2.02	3.18	1.80	0.97	T.	0.04	4.85	6.81	29.73
Hobart Mills	6.63	0.46	1.58	0.62	1.82	1.13	4.04	0.48	0.20	T.	3.21	4.80	24.97
Holcomb	2.85	5.93	1.13	0.07	0.19	1.73	0.59	2.22	T.	0.09	2.38	0.80	17.98
Hollister	2.35	0.36	1.48	0.15	0.86	0.17	1.08	0.13	0.02	0.00	2.96	2.85	12.41
Hornbrook	2.73	1.58	0.00	0.80	0.00	0.26	2.84	0.23	0.30	0.00	3.55	3.98	16.27
Hot Springs	3.61	3.85	1.88	0.84	1.27	0.77	0.53	1.52	0.00	T.	4.67	3.76	22.70
Hullville	14.52	0.90	4.54	3.17	2.05	1.10	0.22	T.	0.00	0.04	10.22	20.61	57.37
Hyampom			3.08	3.73	0.87	0.15	1.34	0.03	0.00	0.00	7.20		
Independence	0.33	2.74	0.06	0.00	0.31	0.07	1.56	0.96	0.00	T.	0.95	0.38	7.36
Indio	0.12	0.03	0.02	0.00	0.00	0.00	0.26	0.15	0.40	0.00	0.07	0.00	1.05
Inskip	18.59	1.62	8.46	6.52	3.38	1.83	0.77	0.49	T.	0.09	14.62	28.58	85.05
Ione	4.01	0.00	1.89	1.00	1.34	0.00	0.00	0.00	0.00	0.00	4.45	3.58	16.27
Jacksonville	5.41	0.83	3.00	1.52	2.05	0.11	0.15	0.00	0.00	0.00	3.58	4.74	21.39
Jamestown	5.70	1.10	2.11	1.46	1.96	0.00	0.00	0.00	0.00	0.00	4.50	6.85	23.68
Jenny Lind	4.30	0.02	1.60	0.38	0.30	0.00	0.00	0.00	0.00	0.00	3.07	3.65	13.32
Jolon	2.78	1.62	0.88	0.15	0.42	0.14	0.02	0.37	0.02	0.00	4.23	2.46	13.09
Julian	3.88	3.73	3.56	1.26	0.62	0.55	0.58	2.40	0.00	0.65	4.08	3.06	24.37
Kennedy Mine	4.58	0.23	1.71	1.31	1.86	0.00	0.00	0.00	0.00	0.00	4.43	7.02	21.14
Kennett	13.64	1.57	3.56	4.28	2.17	1.71	0.62	0.03	0.00	T.	12.54	18.39	58.51
Kentfield	12.07	1.16	3.75	1.01	1.21	T.	0.19	0.02	0.00	0.00	12.84	18.96	51.21
Kernville	1.26	3.54	0.53	0.00	0.00	0.64	0.93	1.09	0.00	0.00	1.02	1.54	10.55
King City	1.54	0.85	0.68	T.	0.42	0.18	0.00	0.15	0.00	0.00	2.28	0.79	6.89
Knights Landing	2.93	0.32	1.26	0.79	0.45	0.23	0.12	T.	0.00	T.	5.21	6.05	17.36
La Grange	3.10	0.44	1.64	0.99	1.03	0.00	0.00	0.00	0.00	0.00	3.03	3.57	13.80
La Jolla	3.02	7.64	2.67	1.43	0.73	0.62	0.14	0.60	0.14	0.05	3.41	3.46	23.91
Lake Eleanor	7.07	0.65	4.65	2.52	0.40	2.02	0.52	0.11	0.01	0.21	5.30	8.06	33.52
Lake Spaulding	9.88	1.68	4.95	4.83	3.36	1.10	1.53	0.30	0.25	0.00	11.09	19.02	57.99
La Porte	9.39	1.14	5.85	5.75	4.09	1.00	1.57	0.17	0.71	0.01	11.50	18.14	59.32
Lathrop	2.23	0.24	1.20	0.66	0.66	T.	0.15	0.00	0.00	0.00	2.65	2.62	10.41
Laurel	12.30	0.45	3.65	0.85	1.50	0.20	0.38	0.00	0.00	0.00	8.82	16.62	44.77
Le Grand	1.40	0.92	1.04	0.78	0.56	0.10	0.25	0.00	0.00			3.58	4.46
Lemon Cove	1.70	2.98	0.90	1.35	1.25	0.46	0.22	0.10	0.00	0.00	3.21	1.68	13.85
Lick Observatory	5.42	0.48	3.40	0.94	1.60	0.07	0.06	0.10	0.00	0.00	5.34	6.05	23.46
Livermore	2.63	0.38	1.65	0.54	0.58	0.01	0.27	0.02	T.	0.00	2.47	3.17	11.72
Lone Pine	0.37	2.71	0.70	T.	0.53	0.29	0.52	1.67	0.00	T.	0.41	T.	7.20
Lordsburg	1.68	7.95	0.50	0.42	0.00	0.47	0.00	0.00	0.00	0.00	3.20	1.62	15.84
Los Alamos	2.88	3.22	0.75	0.50	0.15	0.35	T.	1.20		0.00	2.45	3.05	
Los Angeles	2.01	9.16	0.33	0.35	0.05	0.58	T.	T.	0.03	T.	3.00	1.66	17.17
Los Banos	1.64	1.09	0.63	0.35	0.43	T.	0.17						
Los Gatos	6.88	0.24	3.28	6.40	0.95	0.06	0.17	0.03	0.00	T.	6.49	10.55	29.05
Lowe Observatory	3.16	11.60	0.76	0.98	T.	1.65	0.05	0.00	0.05	T.	4.00	2.85	25.10
Lundy	3.05	3.15	1.85	T.	1.35	0.35	2.35	3.70	1.25	0.00	2.03	2.42	21.50
McCloud	10.80	0.92	1.42	2.94	3.05	2.77	0.97	0.70	0.07	0.02	9.60	12.46	45.72
McKinney	9.04	0.83	2.15	2.12									
Macdoel	2.88	0.30	0.45	0.90	1.18	0.71	3.15	0.42	0.18	0.15	0.88	6.37	17.57
Madeline	1.70	0.55	1.16	0.73	0.54	2.50	4.48	0.46	T.	0.18			
Magalia	15.87	0.60	6.30	4.88	2.84	0.58	0.17	0.10	T.	T.	10.71	29.80	71.85
Mammoth Tank	0.00	0.18	0.00	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.90	0.01	2.14
Maricopa	0.50	2.94	0.26	0.47	0.23	0.38	0.18	0.25	T.	0.00	0.65	3.43	9.29
Mariposa	5.87	1.48	3.56	1.61	1.21	0.64	0.44	0.00	0.00	T.	4.14	5.02	23.97
Markleeville	4.54	1.65	3.62	0.65	1.12	0.63	2.03	1.95	T.	T.	2.21	4.49	22.89
Marysville	3.05	0.91	2.41	0.83	0.88	T.	T.	0.00	0.00	0.00	5.90	8.52	22.48
Mecca	T.	0.44	T.	0.00	0.00	0.00	T.	0.20	T.	T.	0.20	T.	0.84
Melones	6.18	0.67	2.06	1.39	1.83	0.18	0.08	0.03	0.00	0.00	3.99	6.24	22.65
Menlo Park	3.19	0.34	1.00	0.71	0.44	T.	T.	T.	0.00	0.15	4.52	3.40	13.75
Merced	1.96	1.04	1.01	0.55	0.55	0.18	0.24	T.	T.	T.	2.69	2.09	10.31
Merced Falls	2.03	0.66	1.38	1.12	0.78	0.21	0.03	0.02	0.01	0.00	2.91	3.56	12.71
Mesa Grande	4.07	8.70	3.28	1.90	0.60	0.75	0.23	0.68	0.48	0.26	4.28	1.86	27.09
Middlewater	0.63	2.46	0.29	0.09	0.00	0.43	0.28	0.00	0.00	0.00	0.93	0.99	6.01
Mill Creek No. 1	10.14	0.69	3.60	3.03	2.47	1.22	0.24	0.17	0.00	0.00	6.12	10.86	38.54
Mill Creek No. 2	1.50	4.98	2.25	0.82	0.92	0.43	0.70	1.23	0.11	0.00	4.66	1.31	18.90
Mills College	4.21	0.44	2.23	0.60	0.84	T.	0.19	0.03	0.00	T.	6.05	4.65	19.24
Milo	3.65	3.85	1.91	1.27	1.40	0.34	0.26	0.67	0.00	0.00	3.67	5.54	22.56
Milton (near)	4.49	0.05	1.36	0.55	1.10	T.	0.04	0.20	T.	0.00	3.58	6.80	18.17
Modesto	1.76	0.10	0.37	0.45	0.45	0.00	0.00	0.00	0.00	0.00	3.68	3.05	9.86
Mojave	0.35	0.48	0.02	0.00	0.00	0.00	1.75	0.02	0.00	0.00	0.04	0.03	2.69
Mokelumne Hill	6.16	0.26	1.94	1.77	1.92	T.	T.	0.02	T.	T.	3.96	8.97	25.00
Mono Ranch	8.16	12.07	T.	0.58	0.16	1.22	T.	0.23	0.00	T.	6.85	2.41	31.68
Montague	0.83	0.11	0.26	0.84	0.71	4.21	3.57	0.43	0.30	T.	1.91	2.59	15.76
Monterey	3.43	0.36	1.68	0.65	0.61	0.13	0.00	T.	0.00	0.00	3.71	3.33	13.90
Montgomery Creek	3.60	0.10	6.30	3.39	3.76	2.77	0.64	0.30	0.00	0.10	10.97	9.68	41.61
Mount Tamalpais	4.57	0.96	2.08	1.38	1.08	0.04	0.09	0.04	0.01	0.18	6.56	6.35	23.34
Napa City	4.54	0.30	2.12	1.08	0.60	0.20	0.00				6.38	9.23	
Napa (S. H.)	4.53	0.30	2.08	0.94	0.55	0.20	0.01	0.00	0.00	0.51	5.22	7.45	21.79
Needles	0.23	1.56	0.00	0.02	0.00	0.00	0.56	0.00	0.18	0.00	1.78	0.17	4.50
Nellie	4.45	14.20	9.45	1.95	1.20	1.09	0.45	0.87	0.15				
Nevada City	8.76	1.73	4.02	3.21	2.59	1.12	0.24	T.	0.07	T.	8.48	16.00	46.22
Nevis	8.11	0.61	3.18	2.76	1.80	0.68	1.40	1.01	0.04	0.15	5.42	10.90	36.06
Newhall	4.62	11.83	0.11	0.11	0.00	0.18	0.01	0.00	0.00	0.00	2.80	1.91	21.57
Newman	1.67	0.82	0.43	0.94	0.78	0.10	0.18	T.	0.00	0.00	3.54	2.05	10.71
North Bloomfield	6.30	2.10	3.10	3.60	3.10	0.20	0.40	T.	0.00	0.00	8.79	12.31	39.90
North Fork	6.75	1.75	2.48	0.68	1.51	1.38	0.69	1.10	T.	0.09	3.89	6.40	26.72
North Lakeport	7.06	0.11	2.18	1.91	1.33	0.00	0.03	0.00	0.00	0.15	6.22	12.50	31.49
Oakdale	2.58	0.29	0.78	0.17	0.43	T.	0.02	T.	T.	0.00	3.49	2.52	10.28

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
Oakland	3.53	0.46	1.77	0.41	0.55	T.	0.12	0.02	0.00	0.12	5.68	5.15	17.81
Oakville	7.51	0.58	2.59	1.32	0.98	0.40	0.00	T.	0.00	0.00	7.52	14.04	34.94
Oceanside	1.44	2.78	0.53	0.24	0.16	0.16	0.05	T.	T.	0.05	2.00	1.04	8.45
Ojai Valley	4.36	11.12	0.31	0.57	0.13	0.85	T.	0.10	0.02	0.04	4.48	2.21	24.19
Orland	3.50	0.13	1.05	1.00	0.77	0.63	0.04	T.	T.	0.66	5.12	8.07	20.97
Orleans	11.10	0.23	3.88	4.06	2.05	2.76	0.92	0.04	0.73	1.01	7.99	13.42	48.19
Oroville (near)	5.51	0.70	2.95	1.44	1.50	0.44	0.05	T.	0.00	T.	7.45	11.74	31.78
Ozena	3.10	5.55	0.12	0.00	0.00	0.72	0.00	0.32	0.00	0.00	2.24	0.86	12.91
Palermo	3.60	1.20	2.50	0.25	1.95	0.25	0.08	0.00	T.	0.00	7.00	6.85	23.68
Palm Springs	0.70	2.67	0.00	0.00	0.00	0.00	T.	0.03	0.10	0.00	0.10	0.28	3.88
Parkfield	3.61	1.81	0.56	0.56	0.31	0.57	0.08	0.50	0.12	0.00	4.73	3.63	16.54
Pasadena	3.13	11.20	0.35	0.92	0.13	0.76	0.01	0.06	0.14	0.01	3.20	1.84	21.75
Paso Robles	4.37	1.88	0.68	0.31	0.16	0.15	0.00	0.45	0.70	0.00	3.02	1.99	13.71
Peachland	11.49	0.42	2.84	1.78	1.46	0.07	0.01	0.06	0.01	0.08	9.62	10.71	47.55
Petaluma	.....	0.70	1.95	1.01	0.69	0.01	0.11	T.	T.	0.00	6.70	9.17	.....
Phoenix Dam	6.15	1.19	2.87	1.84	0.41	0.00	0.40	0.00	0.00	0.00	3.74	6.72	23.32
Pilot Creek	11.69	0.87	7.03	4.39	3.12	1.01	0.55	0.12	T.	T.	9.19	15.28	53.25
Pine Crest	3.40	8.72	0.73	1.01	0.44	0.87	0.20	0.03	0.23	0.04	5.39	2.87	23.93
Placerville	6.67	0.47	3.11	2.39	2.42	0.02	0.15	0.00	0.00	0.00	5.24	7.85	28.32
Point Lobos	3.56	0.57	1.50	0.74	0.67	0.01	.....	.....	0.00	0.28	6.11	3.05	.....
Point Loma	1.19	2.24	0.42	0.13	0.18	0.16	0.05	0.02	0.03	0.04	2.02	0.87	7.35
Point Reyes	2.79	0.14	1.40	1.39	0.83	0.04	0.16	0.03	0.09	0.21	4.59	5.07	16.74
Pomona	2.78	8.35	0.53	0.34	0.14	0.19	0.01	T.	0.00	0.00	4.02	1.62	17.98
Porterville	1.12	2.78	0.65	1.52	0.95	0.10	0.30	0.21	0.00	0.00	2.18	0.99	10.80
Priest Valley	4.28	1.25	1.23	0.16	0.51	0.21	0.00	1.35	0.00	0.00	5.01	3.40	17.40
Quincy	5.66	1.20	2.88	3.25	0.75	0.60	0.57	0.20	0.00	0.00	6.75	11.28	33.14
Red Bluff	5.00	0.41	1.94	1.86	0.95	0.54	T.	T.	0.00	T.	5.34	9.73	25.77
Redding	7.02	0.98	3.20	2.86	1.48	1.45	0.10	T.	0.00	0.01	7.37	12.69	36.96
Redlands	1.10	3.64	0.56	0.50	0.30	0.21	0.12	0.35	0.00	0.00	2.82	0.67	10.27
Reedley	1.37	1.55	0.77	0.98	0.83	0.00	0.28	0.00	0.00	.....	2.20	2.53	.....
Represa	4.02	0.34	2.07	1.14	1.08	0.00	0.00	0.00	0.00	0.16	3.77	8.55	21.13
Rialto (near)	4.88	9.37	1.44	1.09	0.68	1.11	0.79	1.23	T.	T.	5.04	3.66	29.29
Rio Vista	3.00	0.05	1.45	0.33	0.51	0.00	0.05	0.00	T.	0.00	4.68	5.38	15.45
Riverside	0.91	3.75	0.54	0.43	0.30	0.18	0.07	0.04	0.00	0.00	1.78	1.00	9.00
Roc lin	4.00	0.12	1.68	1.20	0.98	T.	0.02	0.00	0.00	0.00	4.39	5.61	18.00
Rohnerville	8.65	0.89	3.68	2.90	1.67	1.06	0.29	0.03	0.25	0.73	6.27	8.96	35.38
Ruth	15.12	0.45	5.58	5.67	1.75	1.46	0.24	0.13	0.05	0.19	9.56	21.57	61.77
Sacramento	2.52	0.16	1.34	0.53	0.51	0.11	0.00	0.01	0.00	0.13	4.53	4.40	14.29
St. Helena	9.28	0.44	2.72	1.46	0.94	0.25	0.00	T.	0.00	0.75	6.88	19.61	42.33
Salinas	2.44	0.25	1.46	0.43	0.75	0.33	0.17	0.10	0.00	T.	2.20	1.92	10.14
San Bernardino	1.69	5.26	0.63	0.66	0.48	0.39	0.19	0.05	0.02	0.00	2.54	0.96	12.87
San Diego	1.19	2.40	0.42	0.08	0.07	0.09	0.06	0.02	0.02	T.	2.23	0.72	7.30
San Francisco	3.84	0.43	1.47	0.60	0.63	0.02	0.07	0.01	0.00	0.35	6.22	5.41	19.05
San Jacinto	1.07	3.50	0.97	0.61	0.00	0.16	0.20	0.40	0.00	0.00	2.13	1.34	10.38
San Jose	2.29	0.09	1.17	0.38	0.77	0.01	0.09	0.08	T.	0.02	4.10	3.00	12.00
San Luis Obispo	3.48	1.66	0.96	0.52	0.30	0.50	T.	0.91	0.07	0.00	3.97	5.73	18.19
San Mateo	4.78	0.55	1.96	0.40	0.74	0.00	0.13	0.00	T.	T.	5.49	4.38	18.43
San Miguel	2.09	1.24	0.68	0.35	0.33	0.02	0.23	0.37	0.05	0.00	2.58	1.18	9.12
San Miguel Island	1.65	3.79	0.56	0.05	0.00	0.48	0.20	0.20	0.00	0.00	1.18	4.53	12.64
Sanger	0.00	1.78	1.07	1.41	2.02	0.12	0.42	0.02	0.00	0.00	2.55	2.21	11.60
Santa Ana River	2.74	6.27	2.63	0.62	0.99	0.20	0.43	2.17	0.00	0.00	5.62	1.62	23.29
Santa Barbara	3.14	6.58	0.64	1.04	0.19	0.50	0.09	0.07	0.17	T.	3.43	2.71	18.56
Santa Clara	2.63	0.18	0.66	0.61	0.78	T.	0.16	0.07	T.	0.02	4.14	2.57	11.82
Santa Cruz	5.57	0.37	2.05	0.58	0.82	0.25	0.35	0.04	0.00	0.00	5.78	9.23	25.04
Santa Margarita	5.59	2.07	0.96	0.19	0.21	1.00	0.00	0.75	0.10	0.00	3.69	5.07	19.62
Santa Monica	2.07	6.76	0.27	0.11	0.10	0.63	T.	0.00	0.00	T.	1.63	2.63	14.20
Santa Rosa	6.11	0.58	2.73	1.91	1.28	0.05	0.07	0.00	0.00	0.00	7.50	11.15	31.38
Sausalito	4.97	0.68	1.02	0.70	0.69	0.00	0.15	0.00	0.00	T.	5.84	5.26	19.31
Selma	1.34	1.33	0.58	1.19	0.40	0.00	0.19	0.00	0.00	0.00	2.19	2.46	9.68
Seven Oaks	2.10	4.13	2.93	0.60	0.38	0.11	1.56	1.48	0.40	0.04	4.10	1.25	19.08
Shields Ranch	1.42	0.86	0.61	0.35	1.02	0.43	1.13	3.20	0.00	T.	1.73	1.91	12.66
Shively	13.53	0.85	3.71	4.17	1.96	1.30	0.13	0.01	0.09	0.25	7.61	14.39	48.00
Sierra Madre	3.99	9.39	0.73	0.78	0.35	1.48	0.03	0.00	0.20	0.01	3.32	2.11	22.39
Sierraville	4.20	1.20	1.00	3.00	1.02	0.51	3.91	1.60	0.00	0.00	3.30	12.17	31.91
Silver Creek	6.68	1.67	.....	0.71	1.19	0.84	3.00	2.44	0.17	T.	3.03	.....	.....
Sisquoc Ranch	1.89	2.87	0.74	0.00	0.00	0.38	0.00	1.02	0.10	0.00	2.28	2.37	11.65
Sisson	7.55	1.20	2.50	2.55	2.38	2.20	0.55	0.38	0.17	0.60	7.63	9.93	37.64
Soledad	2.50	0.30	1.40	0.00	0.72	0.10	0.00	0.23	0.00	0.00	3.36	1.18	9.79
Sonora	5.38	1.32	2.44	1.74	2.25	0.18	0.08	T.	T.	0.00	4.07	5.55	23.01
Southeast Farallon	2.51	0.30	1.34	0.86	0.96	0.02	0.06	.....	.....	.....	.....	.....	.....
Spreckels	2.84	0.24	1.25	0.35	0.79	0.00	0.00	0.09	0.13	0.00	2.28	1.91	9.88
Springville	1.90	5.26	1.94	0.17	1.82	0.85	1.25	3.63	0.00	0.00	6.05	6.50	29.37
Squirrel Inn	4.61	12.97	4.47	1.13	1.35	1.13	0.49	0.08	T.	0.13	7.70	3.13	37.19
Stanwood	12.19	1.07	6.89	5.97	3.35	1.92	0.22	0.02	0.02	0.01	12.87	24.04	68.57
Stirling City	19.20	0.80	4.25	5.95	3.30	0.15	0.04	0.20	0.00	T.	13.13	23.25	70.27
Stockton (S. H.)	2.40	0.04	1.16	0.35	0.70	0.00	0.14	0.00	T.	T.	3.14	3.29	11.22
Storey	0.75	1.55	1.09	1.60	0.40	0.00	0.30	0.00	0.00	0.00	1.05	0.62	7.36
Suisun	3.47	0.20	1.44	0.81	0.51	0.06	0.00	0.00	0.00	0.00	5.49	7.21	19.19
Sulphur Banks	4.89	0.21	1.54	1.24	0.72	0.27	0.04	T.	0.00	T.	7.72	9.60	26.23
Summit	13.60	2.05	3.20	1.90	0.75	0.05	2.45	0.15	0.40	T.	7.70	11.20	43.45
Susanville	.....	.....	.....	.....	.....	2.17	1.00	0.69	0.03	0.05	1.55	7.15	.....
Tahoe	7.44	0.63	1.88	1.82	1.66	0.99	1.36	0.40	0.10	0.10	4.05	9.71	30.14
Tallac	6.24	1.35	1.90	1.25	2.15	0.55	3.10	1.60	T.	0.10	2.30	8.72	29.26
Tamarack	14.56	2.38	2.40	0.76	0.95	7.44	4.22	1.65	0.00	0.05	6.35	9.97	50.73
Tehachapi	.....	3.57	5.06	0.25	0.30	0.52	2.00	0.38	0.00	0.00	0.76	1.08	.....
Tehama	5.66	T.	2.00	1.20	0.60	0.45	0.00	0.00	0.00	0.00	4.38	8.54	22.83
Tejon Rancho	2.00	2.00	1.18	0.63	0.90	2.00	1.00	0.00	0.00	0.00	2.00	2.00	14.61
Three Rivers	3.19	3.21	1.99	1.22	1.65	0.56	0.87	0.45	T.	0.00	3.88	2.84	19.86
Towle	14.75	2.60	5.85	7.88	2.47	0.47	0.06	0.07	0.15	0.01	8.86	16.81	59.78
Tracy	1.38	0.13	0.59	0.95	0.53	0.00	0.18	0.00	0.00	0.00	2.56	1.92	8.24
Truckee	7.30	0.90	1.75	1.50	0.95	0.23	2.20	0.70	0.00	0.02	2.51	4.23	22.28
Tulare	1.09	2.40	0.66	0.95	0.62	0.80	0.10	0.05	0.00	0.00	2.19	1.79	9.65
Tustin (near)	1.27	4.28	0.62	0.29	0.13	0.11	0.00	0.00	0.00	0.10	1.54	1.26	9.60

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
California—Continued.													
Ukiah	9.01	0.48	3.03	1.96	1.57	0.03	0.18	T.	T.	0.05	8.38	13.63	38.32
Upper Lake	7.25	0.19	2.37	1.71	1.33	0.01	0.17	T.	0.00	T.	7.16	11.86	32.05
Upper Mattole	15.91	1.17	4.62	4.31	2.88	0.86	.....	0.01	0.52	0.79	12.92	19.59	.....
Vacaville	4.13	0.35	1.54	0.49	0.41	T.	.....	.....	.....	0.00	5.62	12.44	.....
Valley Springs	4.28	0.12	1.45	0.96	1.45	0.00	0.00	0.00	0.00	T.	4.02	5.47	17.75
Visalia	1.06	1.75	0.96	0.86	0.89	0.28	0.00	0.00	0.00	0.00	2.08	1.93	9.81
Warner Springs	2.37	4.80	1.04	0.29	0.08	0.13	0.44	2.10	0.05	0.18	1.52	0.98	13.98
Wasco	0.50	1.68	1.00	0.00	0.00	0.00	0.00	0.54	0.00	.....	1.14	1.00	.....
Watsonville	5.18	0.37	1.49	0.27	0.66	0.16	0.38	0.07	0.05	0.10	4.19	8.64	21.26
Weaverville	8.74	0.27	1.96	2.83	1.43	0.93	0.69	0.07	0.14	0.09	7.58	11.53	36.26
Weitchpec	16.36	0.48	7.45	6.20	2.82	2.46	1.51	0.17	1.37	3.92	15.43	16.20	74.37
West Branch	16.19	1.06	6.89	4.95	2.84	1.49	0.50	0.24	T.	T.	12.84	25.12	72.12
Westley	1.68	0.18	0.30	0.69	0.52	0.00	0.15	0.00	0.00	0.00	2.98	1.39	7.89
West Point	7.76	0.76	2.63	2.76	2.49	0.73	0.26	0.01	T.	T.	5.01	8.59	31.00
Wheatland	3.95	0.83	1.97	1.08	0.92	0.09	0.08	T.	T.	T.	5.96	6.86	21.74
Willows	3.37	T.	0.80	0.76	1.23	0.92	T.	T.	0.00	0.00	7.11	7.01	21.20
Woodruffs	3.00	0.88	0.58	0.20	2.01	0.86	2.27	1.50	0.18	0.00	1.17	4.96	17.61
Yorba Linda	0.66	6.10	0.04	0.53	0.16	0.10	T.	T.	.....	0.00	2.38	1.49	.....
Yosemite	6.69	1.60	3.32	1.88	1.96	3.01	1.36	1.09	0.09	0.01	3.41	7.58	32.00
Colorado.													
Arriba (near)	0.20	1.26	0.54	2.23	1.14	1.57	3.04	0.77	0.61	0.21	0.60	5.39	17.56
Ashcroft	.....	.....	.....	.....	.....	3.51	2.53	1.91	2.38	1.34	0.86	1.05	.....
Auldhurst	0.93	1.85	0.56	1.44	0.43	2.30	2.08	3.54	2.50	1.20	0.43	3.92	21.18
Bennett (near)	0.33	0.49	0.27	1.23	1.24	1.08	2.15	0.77	1.91	1.49	.....	.....	.....
Blanca	0.03	0.24	0.04	0.50	T.	2.86	1.46	2.01	0.92	0.66	0.18	.....	.....
Blue Valley Ranch	.....	.....	.....	.....	.....	1.06	1.67	0.90	1.47	1.34	1.01	0.88	.....
Boulder	0.49	1.28	0.71	1.58	1.85	0.48	4.04	0.54	2.62	2.24	0.00	4.20	20.03
Breckenridge	1.00	1.04	0.84	1.20	.....	.....	.....	.....	.....	.....	.....	.....	.....
Buena Vista (near)	0.78	0.89	0.60	1.10	0.05	1.17	1.94	2.34	1.18	0.55	0.30	0.85	11.75
Burlington	0.15	0.66	0.30	1.24	0.66	2.39	0.79	3.25	1.63	0.08	0.04	3.83	15.02
Calhan	0.25	0.80	0.22	1.10	1.78	1.55	1.92	2.85	1.01	0.58	0.10	2.61	14.77
Canon City	0.73	1.13	0.53	0.91	1.18	2.14	1.60	0.62	1.47	0.50	0.40	2.30	14.01
Cascade	1.99	3.58	2.74	1.37	0.24	3.51	2.02	2.97	3.93	1.41	3.25	3.36	30.37
Cassells	0.52	0.72	0.45	1.97	0.27	2.31	2.47	2.19	2.00	2.03	0.67	2.57	18.77
Castle Rock	0.36	0.92	0.48	1.43	0.41	.....	2.75	2.30	2.51	1.32	0.57	5.35	.....
Cedaredge	0.81	1.38	0.05	0.52	0.14	0.78	0.95	.....	0.97	0.38	2.08	1.81	.....
Cheesman	0.50	0.77	0.26	1.82	0.34	1.20	1.83	2.74	1.99	1.27	0.30	4.82	17.84
Cheyenne Wells	0.60	1.73	0.65	1.93	1.14	3.03	0.99	0.69	1.23	0.54	0.21	2.72	15.46
Cochetopa	0.61	0.40	0.50	0.47	0.27	1.32	2.67	2.63	1.93	0.52	T.	0.94	12.26
Collbran	1.21	1.98	0.65	0.85	0.47	1.11	2.12	0.54	2.51	0.71	1.60	1.85	15.60
Colorado Springs	0.43	1.25	0.44	0.85	1.31	1.84	2.14	4.37	0.97	0.33	0.05	2.54	16.52
Columbine	0.14	1.26	0.42	0.63	1.46	1.47	3.94	0.72	0.56	2.53	0.77	1.04	14.94
Columbine Ranch	1.90	3.09	1.73	0.55	0.14	1.31	1.37	1.02	2.85	1.40	2.36	2.54	20.26
Cope	.....	T.	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corona	3.66	12.21	6.59	5.21	3.09	2.87	4.41	.....	.....	.....	.....	.....	.....
Cortez	.....	1.12	0.21	T.	T.	T.	0.13	0.50	0.70	2.50	2.00	2.36	.....
Craig	0.56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crawford (near)	1.13	0.85	0.34	0.41	0.40	0.90	1.89	2.08	1.67	0.36	1.16	1.55	12.74
Crested Butte	3.73	2.98	2.18	0.75	0.59	2.86	1.69	1.84	2.17	1.15	1.16	1.98	23.08
Cripple Creek	0.18	0.86	0.94	0.39	0.13	2.25	4.02	4.33	2.03	0.52	0.34	2.71	18.70
Cuchara Camps	0.91	1.24	1.51	2.57	1.55	2.08	2.96	3.39	2.05	1.98	1.30	5.60	27.14
Cumbres	1.67	5.92	3.59	0.47	0.44	1.29	1.27	0.81	3.50	1.17	2.96	3.02	26.10
Delta	0.71	0.57	0.04	0.03	0.30	0.26	1.88	0.49	0.86	T.	0.97	0.36	6.47
Denver	0.36	0.96	0.59	1.66	1.68	1.10	1.76	0.85	2.64	1.17	0.38	5.21	18.36
Dillon	.....	.....	0.10	0.90	0.42	1.25	2.71	1.12	2.03	0.65	0.58	2.10	.....
Durango	0.78	2.75	2.45	0.77	0.74	1.69	2.47	1.07	2.40	1.59	3.36	2.67	22.74
Eads	T.	0.56	0.25	1.90	1.20	2.30	0.80	T.	1.30	0.10	T.	1.93	10.34
Edgewater	0.33	0.60	0.70	1.98	2.33	1.30	2.54	0.68	2.06	1.40	0.62	.....	.....
Estes Park Fish Hatchery	0.45	0.91	0.26	2.52	1.73	1.11	2.92	2.16	3.49	1.43	0.91	2.95	20.84
Eureka	1.72	1.49	1.24	1.71	0.52	0.64	1.29	2.34	1.97	0.31	1.22	2.35	16.80
Fairview	0.56	2.02	1.46	4.40	1.82	5.32	2.30	0.84	3.13	1.84	1.40	6.67	31.76
Fort Collins	0.30	0.94	0.20	1.49	2.09	0.15	2.63	0.41	2.39	1.00	0.17	4.08	15.85
Fort Lupton	0.12	0.55	0.24	1.09	2.72	0.99	3.30	0.48	2.53	0.63	0.38	3.85	16.88
Fort Morgan	0.25	0.35	0.77	2.39	2.56	1.12	5.61	0.23	1.92	1.34	0.40	2.51	19.45
Frances	1.67	1.07	0.92	1.76	1.56	1.36	4.88	1.80	4.88	2.30	1.08	7.08	30.36
Fraser	0.90	1.76	0.75	0.80	0.87	1.76	2.71	0.87	3.57	0.78	0.52	3.90	19.19
Fremont Experiment Station	0.95	1.09	1.04	2.06	1.80	3.91	2.18	3.92	3.32	1.06	0.32	5.01	26.66
Fruita (near)	0.70	1.27	0.25	0.13	0.15	0.23	0.38	0.23	1.25	0.04	1.48	1.07	7.18
Fry's Ranch	0.69	1.25	0.68	1.45	1.50	1.20	3.23	1.16	2.36	1.46	0.96	5.90	21.82
Garfield	1.76	1.54	1.81	2.10	0.27	3.51	2.63	3.57	1.79	1.18	0.96	2.04	23.16
Garnett	0.54	0.06	T.	0.95	0.08	2.23	1.34	0.56	1.14	0.29	0.53	0.71	8.43
Georgetown	0.45	0.92	0.28	2.29	0.59	2.50	4.55	1.70	4.47	0.98	0.66	4.17	23.56
Glade Park	1.06	1.88	0.46	0.21	0.49	0.82	1.13	0.69	2.22	0.13	1.49	0.94	11.52
Gladstone	3.01	3.13	3.33	1.73	0.36	4.88	2.75	3.60	3.46	1.62	2.76	3.91	34.54
Glenwood Springs (near)	0.47	1.40	0.35	0.25	0.18	0.91	1.46	1.11	1.62	0.65	0.92	0.39	9.71
Grand Junction	0.62	1.22	0.37	0.23	0.12	0.37	0.31	0.22	1.70	0.22	1.15	0.75	7.28
Grandlake	1.55	1.47	0.63	1.58	1.28	0.92	2.63	1.86	2.10	2.13	0.92	2.28	20.20
Grand Valley	0.62	1.25	1.32	0.64	0.29	1.21	1.38	1.19	2.07	0.36	2.35	1.29	12.97
Greeley	0.28	0.86	0.45	1.34	3.16	0.78	2.03	0.18	.....	0.20	T.	4.79	.....
Grover (near)	0.30	2.15	0.85	0.75	2.92	1.31	2.77	0.78	2.46	0.38	0.02	3.15	17.84
Gunnison	0.35	0.80	0.46	0.11	0.04	1.43	0.87	1.14	1.47	0.24	0.11	0.94	7.96
Hamps	0.31	0.79	0.35	1.46	0.87	1.23	2.27	0.57	0.41	0.11	0.18	2.15	10.70
Hartsel	0.15	0.31	0.02	0.41	0.62	2.80	3.05	2.54	2.50	0.27	0.19	0.91	13.77
Hawthorne	0.81	1.31	0.84	2.24	1.70	0.29	2.59	0.98	3.68	3.20	0.90	6.60	25.14
Hayden	.....	.....	0.97	0.34	0.25	1.49	1.24	0.34	1.87	1.58	1.63	1.40	.....
Hermit	0.57	0.83	0.75	0.99	1.17	3.78	1.92	2.47	3.14	1.34	1.87	2.16	20.99
Hermit Lake	2.72	3.56	3.65	3.63	0.98	5.87	2.84	3.52	3.94	1.56	1.91	3.63	37.81
Hesperus (near)	0.30	2.27	1.83	0.47	0.04	0.74	2.36	0.94	2.64	1.54	3.14	1.71	17.89
Hoehne (near)	0.41	2.56	0.29	1.13	0.43	2.58	1.48	0.79	1.66	0.94	0.47	4.10	16.84
Holly	0.06	3.91	0.05	0.22	0.76	3.35	2.67	0.84	1.53	0.05	1.15	2.80	17.39
Holyoke (near)	0.46	0.24	1.26	0.65	1.33	1.11	3.58	0.27	1.35	0.59	T.	2.99	13.83
Horsefly	0.64	2.10	1.05	0.91	0.85	1.01	2.81	.....	3.40	1.25	3.36	1.34	.....
Idaho Springs	0.30	0.63	0.09	2.05	0.50	1.75	3.09	1.85	3.10	1.49	0.51	4.92	20.28

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Colorado—Continued.													
Ironton	1.43	2.11	1.72	2.31	0.36	3.14	2.08	2.61	3.04	1.14	1.10	2.64	23.68
Julesburg	0.09	0.67	1.28	2.31	0.91	1.61	2.29	.....	1.34	0.52	0.00	2.79	.....
Kersey	0.15	0.40	0.95	1.45	2.25	0.90	1.91	1.30	2.22	0.10	0.00	4.46	16.09
La Junta	.....	.....	.....	1.79	1.63	3.88	3.36	0.09	0.54	0.62	0.52	2.77	.....
Lake City	0.45	0.26	0.69	0.36	0.44	2.42	2.82	3.35	1.79	0.66	0.32	1.84	15.40
Lake Moraine	0.48	0.68	1.42	1.89	1.95	3.31	4.18	4.15	3.13	1.20	0.44	6.49	29.32
Lamar	0.40	1.60	0.40	1.45	0.68	2.90	2.40	0.51	1.79	0.10	0.66	3.16	16.05
Laporte	0.43	0.94	0.36	1.39	1.84	0.07	2.45	0.62	3.12	1.61	0.31	3.86	17.00
Las Animas	0.05	0.34	0.02	1.92	1.00	2.39	2.44	0.50	0.84	0.10	0.74	3.69	14.03
La Veta Pass	1.48	1.47	1.24	1.40	0.29	20.6	1.41	2.85	0.90	0.75	0.70	2.91	17.46
Lay	0.78	1.12	0.78	0.10	0.40	0.70	0.12	1.16	0.71	0.59	1.53	0.99	8.98
Leadville	1.28	1.04	0.77	1.29	0.20	1.32	3.09	1.63	1.45	1.51	0.50	1.82	15.91
Leroy (near)	0.21	0.96	0.77	2.01	2.54	0.52	2.96	1.62	1.08	1.77	T.	3.54	17.38
Limon (near)	0.34	0.44	0.11	0.80	0.92	1.50	3.26	0.40	0.79	0.14	0.12	4.69	13.51
Longmont	0.12	0.71	0.46	1.50	2.13	0.57	2.28	0.15	3.01	0.75	0.93	4.23	16.84
Long's Peak (near)	0.68	1.08	0.72	1.94	0.80	2.28	2.92	0.65	5.47	1.45	1.11	5.89	24.99
Madrid	0.15	0.99	0.58	1.25	0.67	4.10	1.60	1.97	1.72	0.92	0.41	1.87	16.23
Manassa	0.17	0.14	0.25	0.60	0.03	1.23	0.95	0.50	1.03	0.74	0.62	0.52	6.78
Mancos	0.95	3.17	1.68	0.53	T.	0.31	2.09	0.73	4.79	2.15	1.06	1.78	19.84
Marble	1.45	2.59	1.39	1.22	0.54	2.22	1.95	2.18	2.61	1.60	2.21	1.41	21.37
Marshall Pass	1.91	1.20	1.50	1.63	0.47	2.06	1.75	1.20	1.23	0.31	0.02	2.10	16.04
Maxey (near)	0.03	0.33	0.41	1.90	1.15	3.55	1.60	0.05	1.02	0.43	0.23	3.24	13.94
Meeker (near)	0.78	0.67	0.11	0.79	0.46	0.85	1.10	0.66	1.71	1.73	1.80	0.78	11.44
Merino	T.	0.20	1.50	1.60	2.05	1.92	2.33	1.09	1.55	1.18	0.45	2.70	16.57
Montrose	0.60	0.81	0.19	0.09	0.57	0.69	0.68	0.38	1.27	0.33	0.76	1.69	8.06
Monument	0.96	0.78	1.02	1.46	1.57	2.08	1.67	2.03	1.12	0.72	0.28	4.21	17.90
Moraine	0.27	1.17	.....	1.55	0.10	.....	.....	.....	0.89	0.38	T.	4.76	.....
Nast	1.10	1.39	0.66	0.96	0.18	0.92	2.15	0.13	2.46	1.03	0.55	0.79	12.32
North Lake	0.92	1.92	1.70	2.63	1.13	4.87	2.55	2.28	1.91	0.97	0.66	2.95	24.49
Pagosa Springs	0.71	2.73	1.53	0.70	0.08	1.71	1.29	1.77	2.78	1.51	2.57	2.34	19.72
Palisades	0.06	0.89	T.	0.21	0.34	0.76	0.95	0.15	1.39	0.22	1.77	1.11	7.85
Paonia	1.37	1.70	0.52	0.58	0.40	1.15	0.90	0.96	1.27	0.83	1.93	1.73	13.34
Pitkin	0.54	1.52	1.10	0.92	0.19	2.59	2.44	1.27	1.32	0.90	0.42	1.11	14.32
Platoro	2.07	3.27	2.74	0.89	0.50	3.08	2.15	3.56	2.26	2.05	2.06	2.83	27.46
Platte Canon	0.66	1.16	0.40	1.83	0.65	2.69	.....	.....	.....	.....	0.47	.....	.....
Pueblo	0.31	1.09	0.21	0.47	1.43	0.60	3.12	0.87	0.79	0.17	0.11	1.35	10.58
Redcliff	3.45	1.99	2.07	1.04	1.13	1.04	3.25	2.07	3.45	1.01	.....	1.02	.....
Redvale	0.85	1.30	0.35	0.64	0.60	1.25	1.63	1.12	1.10	0.74	1.79	2.13	13.50
Rico	1.48	2.92	2.42	0.87	0.34	2.76	1.97	2.39	4.31	1.26	2.03	3.84	26.59
Rifle	0.59	0.74	0.21	0.31	0.18	0.78	1.27	0.15	1.74	0.53	1.34	2.06	9.90
River Portal	0.74	1.47	0.30	0.22	0.31	1.22	0.86	1.49	2.32	0.77	1.44	1.89	13.03
Rocky Ford (near)	0.17	0.62	T.	1.65	0.42	2.87	2.82	0.00	0.54	0.77	0.67	2.32	12.85
Saguache	0.30	0.20	0.85	1.20	T.	2.40	2.03	1.80	1.00	0.70	0.30	0.65	11.43
St. Cloud	0.44	0.95	0.32	1.06	0.50	2.25	2.66	1.23	3.58	0.87	0.51	3.56	17.93
St. Elmo	1.24	1.80	1.42	1.25	0.70	2.77	1.22	1.87	2.35	0.99	0.80	2.87	19.28
Salida	0.80	1.14	0.08	1.01	0.15	4.48	1.75	1.19	0.87	0.84	0.15	2.93	15.39
San Luis	0.84	0.44	0.21	0.52	0.40	1.92	2.00	0.84	0.97	0.36	0.74	0.86	10.10
Sapinero (near)	1.45	2.97	1.97	1.27	0.69	1.80	1.38	3.03	2.77	0.96	0.91	1.98	21.18
Sedgwick	0.08	0.35	1.19	1.86	3.70	2.53	2.59	0.42	5.06	.....	.....	1.75	.....
Shoshone	0.65	1.25	0.54	0.31	0.44	1.87	1.32	.....	1.71	0.84	2.08	1.02	.....
Silver Lake	.....	.....	.....	.....	.....	.....	3.66	2.15	5.23	2.17	1.66	6.84	.....
Silverton (near)	2.84	1.69	0.90	T.	0.28	3.75	2.67	5.81	3.30	1.18	2.06	2.39	26.85
Spicer (near)	0.75	1.53	0.37	T.	0.63	0.91	1.72	0.75	1.23	0.67	0.97	0.71	10.26
Spruce Lodge	1.29	1.88	1.01	1.47	2.00	2.64	3.26	1.17	5.51	2.85	1.67	.....	.....
Steamboat Springs	1.28	1.66	1.47	1.23	1.53	1.93	2.01	0.26	3.01	1.85	2.24	.....	.....
Sterling	0.05	0.30	0.78	1.72	3.36	0.82	0.59	1.05	1.56	0.81	T.	2.33	13.37
Stonewall	0.04	0.52	0.91	1.88	0.76	5.88	1.54	2.01	1.99	1.06	0.43	2.11	19.13
Tacoma	0.75	1.54	1.10	0.78	0.23	2.95	1.44	1.70	3.18	1.56	2.87	2.19	20.29
Telluride	2.71	1.78	1.54	1.59	0.30	1.74	3.89	3.37	3.35	1.03	1.03	3.14	25.67
Terminal Dam	1.37	2.14	1.67	0.97	2.51	.....	1.34	2.48	3.54	1.75	3.09	2.48	.....
Trinidad	0.51	1.17	0.45	1.43	1.19	3.45	1.36	2.58	2.39	1.09	0.53	4.15	20.51
Two Buttes	0.35	0.74	0.37	1.63	0.95	3.76	1.72	0.05	1.52	0.02	0.37	2.10	13.58
Two Buttes Reservoir	0.28	1.00	0.05	2.09	0.96	2.18	2.26	.....	1.28	0.59	0.56	3.63	.....
Victor (near)	0.11	0.73	1.00	0.85	1.19	3.35	4.02	3.61	2.15	0.92	0.30	2.28	20.51
Vilas	0.10	0.32	.....	2.05	0.50	.....	1.60	.....	.....	.....	.....	.....	.....
Wagon Wheel Gap Experiment Station	1.19	1.10	1.32	0.86	0.45	2.98	1.83	2.08	2.26	0.82	1.85	2.65	19.39
Waterdale	0.30	0.75	0.62	2.38	0.66	0.85	2.31	1.25	1.23	0.66	0.24	4.20	17.45
Westcliffe	0.45	0.68	0.34	0.88	0.55	4.03	1.34	1.91	1.50	0.85	0.46	1.54	14.52
Winfield	0.65	0.77	0.54	1.05	0.05	.....	2.02	2.32	.....	.....	.....	.....	.....
Woodmen Sanatorium	0.76	1.12	0.67	1.11	0.99	2.40	2.42	5.30	1.16	0.43	0.04	4.54	20.94
Wortman	1.34	2.23	1.27	1.05	1.90	2.07	2.20	2.10	2.40	2.43	1.50	2.90	23.39
Wray	0.41	0.54	0.88	1.88	1.38	2.40	1.35	0.90	1.08	0.73	0.09	3.73	15.37
Yampa (near)	1.75	0.89	0.51	0.44	0.14	0.86	3.24	0.83	0.92	1.10	1.03	.....	.....
Yoder	.....	0.85	0.18	1.09	0.32	1.10	2.69	1.50	0.66	0.11	T.	1.72	.....
Yuma	0.15	0.12	0.35	0.39	1.30	1.45	1.30	1.05	2.44	0.46	T.	2.40	11.41
Connecticut.													
Bridgeport	3.66	3.59	5.58	5.36	2.65	1.53	2.05	4.20	3.12	10.18	2.61	4.03	48.56
Canton	3.10	2.47	5.34	4.84	4.47	0.72	1.36	4.27	4.23	9.97	3.72	2.92	47.41
Colchester	3.63	2.93	6.18	6.68	2.86	1.70	1.70	2.91	3.54	9.23	2.80	4.33	48.46
Cream Hill	2.98	2.14	4.80	3.17	4.92	1.67	1.37	3.89	3.81	9.08	3.28	2.03	43.09
Danielson	3.67	3.86	6.35	5.60	2.78	2.02	3.18	3.82	3.27	5.82	3.75	3.30	46.92
Hartford	2.82	2.33	4.86	4.62	3.99	2.07	1.83	3.89	3.56	9.25	2.12	3.59	44.93
Hawleyville	3.43	2.49	5.47	5.96	3.54	1.33	2.25	3.43	3.80	8.72	3.50	3.02	46.94
New Haven	3.67	3.77	5.33	5.41	2.30	1.09	1.69	3.40	2.52	10.64	2.74	4.28	46.84
New London	3.69	3.38	3.76	6.91	1.82	1.04	1.71	2.27	4.13	7.84	2.99	3.03	42.57
North Grosvenor Dale	3.70	4.72	5.94	4.93	3.89	2.79	1.76	3.79	3.98	6.73	3.13	3.34	48.70
Norwalk	3.93	2.74	5.86	5.44	3.01	0.75	1.04	7.45	3.58	9.09	2.35	3.43	48.67
Southington	3.10	2.93	6.30	3.80	3.95	2.15	1.20	3.00	3.95	10.30	2.85	3.55	47.08
Storrs	3.95	2.80	5.03	4.80	2.65	2.32	4.25	3.55	2.60	5.70	2.05	3.18	42.88
Torrington	3.35	2.52	6.69	5.69	.....	.....	.....	.....	4.13	10.08	3.46	3.61	.....
Voluntown	3.86	3.21	4.38	6.43	1.90	1.39	1.61	3.26	3.15	6.54	2.30	3.94	41.97
Waterbury	3.01	3.02	5.53	5.22	3.76	3.31	1.36	2.93	3.37	8.83	2.92	2.84	46.10

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Delaware.													
Delaware City	3.40	1.49	5.24	5.38	4.75	1.27	0.53	4.29	3.21	4.86	1.72	2.04	38.18
Dover	3.13	1.86	3.22	5.60	4.68	3.78	1.70	4.03	3.83	4.75	1.83	1.60	40.01
Milford	3.29	2.18	3.24	5.33	4.74	3.04	1.68	4.42	4.48	5.20	1.17	3.36	42.13
Millsboro	4.10	1.59	3.74	3.93	3.18	2.59	1.67	3.56	3.42	3.63	1.40	2.32	35.13
Seaford	3.20	1.59	2.19	3.76	3.38	2.32	3.20	1.83	5.28	5.06	1.17	2.44	35.42
Wilmington	2.24	1.73	5.56	6.84	5.78	1.33	4.55	3.45	3.33	4.52	1.97	2.53	43.83
District of Columbia.													
Washington	2.85	1.37	4.67	5.86	4.55	1.81	3.24	5.42	2.41	3.37	2.20	2.29	40.04
Florida.													
Apalachicola	2.98	4.97	4.78	1.70	2.95	2.78	4.09	9.01	22.87	5.82	0.45	5.15	67.55
Arcadia	1.34	3.67	3.26	2.50	3.88	4.13	6.22	13.07	3.16	1.95	0.86	2.62	46.66
Archer	3.37	5.53	5.51	0.77	2.27	2.30	9.38	9.92	4.14	2.91	0.16	7.01	53.30
Avon Park	1.72	5.55	4.22	1.86	6.39	8.72	7.47	6.34	4.84	2.83	0.48	2.76	52.68
Bartow	1.33	6.33	6.35	3.72	2.83	6.55	5.81	8.12	4.43	3.07	0.33	3.61	52.48
Bassenger			4.65	1.51	6.55	3.75	3.60	8.99	3.62	2.60	0.36	2.75	.....
Bradentown	.....	5.48	2.77	2.48	2.52	9.63	7.27	16.09	4.67	2.80	0.49	5.72	.....
Bristol					3.26	14.55	6.39	3.89	4.59	5.30	1.00		.....
Brooksville (1)	1.08	4.57	4.26	1.91	1.75	6.62	7.70	5.90	4.54	3.72	0.15	4.33	46.53
Brooksville (2)	1.58	4.69	7.36	4.94	2.03	8.54	11.24	11.10	6.89	2.49	0.78	5.66	67.30
Carrabelle	2.60	5.35	5.70	0.70	2.45	3.30	5.50	11.40	17.42	1.59	0.21	5.20	61.42
Cedar Keys	2.97	3.93	3.95	0.15	1.48	3.39	6.07	9.24	7.30	4.50	0.38	5.35	48.71
Clermont	1.47	4.92	6.06	2.98	1.33	1.80	4.74	5.46	4.20	2.12	0.20	2.37	37.65
Crescent City			7.72	2.69	0.91	1.88	4.42	6.65	2.38	2.33	0.33	3.02	.....
De Funiak Springs	1.44			0.75		5.55	8.18	6.63	7.18	3.58	0.71	2.48	.....
De Land	0.71	3.89		3.62	1.97	3.12	2.89	6.38	5.12	1.85	0.61	2.24	.....
Eustis	1.22	4.57	6.28	5.55	2.06	2.35	3.50	5.66	2.89	1.84	0.47	2.95	39.34
Federal Point	0.96	4.63	5.67	3.13	1.43	3.91	3.30	5.96	3.46	1.68	0.60	3.50	38.23
Fellsmere	0.96	4.91	3.58	2.57	4.26	5.14	3.11	7.31	4.28	2.11	0.09	2.31	41.23
Fenholloway	1.61	5.32	7.57	0.84		10.90	7.13	9.82	10.66	3.10			.....
Fernandina	2.16	5.60	5.10	1.43	1.74		3.17	4.71	3.63	1.90	0.52	2.01	.....
Fort Lauderdale	1.72	1.31	2.29	3.04	9.34	6.07	2.62	5.69	6.53	1.51	3.08	1.04	43.24
Fort Meade	1.36	5.59	5.37	2.54	4.13	5.92	8.26	7.22	4.62	3.54	0.85	3.07	52.47
Fort Myers	2.42	5.13	0.94	3.25	3.26	3.76	7.09	14.36	8.30	3.47	1.85	2.47	56.30
Fort Pierce	2.50	3.40	4.90	3.00	3.58	2.62	1.09	4.69	6.22	2.47	0.36	1.50	36.33
Gainesville	2.94	4.83	5.79	0.63	2.67	4.07	9.39	7.93	6.50	2.53	0.29	6.70	54.27
Garniers (near)	1.37	5.07	10.37	1.57	2.98	7.58	5.04	13.04	15.14	6.95	1.57	3.11	73.79
Grasmere	1.16	4.41	8.45	1.93	2.33	3.03	6.58	4.57	4.96	1.91	0.17	3.03	42.53
Griffin		1.14	3.04	3.48	6.18	9.23	3.26	7.42	6.59	2.41	3.08	1.18	.....
Hilliard	2.25	4.50	4.01	0.43	1.26	6.88	6.77	6.25	2.90	1.30	0.68	3.71	40.94
Homestead	1.99	2.13	4.52	4.37	7.33	8.61	3.60	6.72	7.65	2.18	9.28	0.60	58.98
Hypoluxo	3.23	3.60	3.68	1.42	4.67	3.91	3.50	7.39	5.36	4.19	1.64	1.11	43.70
Inverness	0.74	4.56	5.53	2.81	2.91	2.24	5.79	6.77	6.28	3.66	0.15	4.79	46.23
Jacksonville	1.53	4.87	5.87	1.32	1.06	4.55	6.28	3.32	3.74	1.35	0.32	4.49	38.70
Jasper	2.67	5.15	8.72	0.05	3.65	6.60	6.22	7.54	4.72	2.75	1.75	3.41	53.23
Johnstown	1.92	6.67	6.85	0.72	3.86	4.32	11.59	2.90	5.39	1.85	0.52	5.86	52.45
Key West	1.62	1.57	0.34	0.56	3.46	3.13	1.00	5.18	6.22	5.23	1.36	0.29	29.96
Kissimmee	0.54	6.05	7.64	0.80	2.43	3.45	3.68	6.16	6.03	2.65	0.30	3.38	43.11
Lake City	4.53	5.07	3.68	T.	2.05	4.86	8.88	6.72	2.82	3.65	0.75	4.90	47.91
Live Oak			3.67	0.88	3.41	8.67	7.18	6.16	4.20	3.18	0.76		.....
Lock No. 1	3.47	1.32	3.91	3.83	6.89	6.59	3.17	5.71	9.65	2.30	1.89	0.92	49.65
Lucerne Park	0.88	0.12	3.61	2.01	4.54	9.84	4.26	5.08	3.57	3.22	0.84	3.47	47.44
Macclenny	2.15	6.37	6.59	1.67	2.54	4.10	4.00	6.15	3.62	0.61	2.00	5.89	45.69
Madison	3.13	7.44	6.27	0.25	3.12	8.70	6.04	0.47	5.02	3.17	1.10	3.13	53.84
Malabar	1.26	5.84	4.84	1.29	1.08	2.90	0.26	4.35	3.48	3.06	1.97	3.87	34.20
Marianna	0.77	5.87	11.07	1.05	3.62	5.66	6.12	4.36	3.81	4.40	0.05	4.31	51.09
Merritts Island	1.51	7.19	4.78	0.55	2.31	3.61	1.63	5.74	9.74	6.07	0.68	3.71	47.52
Miami (1)	4.42	1.86	4.39	3.78	8.42	4.07	2.98	5.67	6.46	4.51	4.39	0.32	51.27
Miami (2)	4.04		4.81	3.44	7.10	4.24	6.12	5.77	6.89			0.35	.....
Middleburg	1.92	4.74	5.70	2.30	1.79	4.84	5.21	3.75	3.75	2.25	0.62	5.34	42.21
Molino	4.13	6.35	14.23	3.30	5.07	7.08	9.58	2.05	13.35	1.55	2.55	3.42	72.66
Monticello	4.91											3.88	.....
Mount Pleasant	2.27	5.97	4.96	1.63	4.76	10.40	7.38	1.90	.....	3.39	.....	3.75	.....
Newport	1.97	4.33	6.30	1.21		6.77				4.07	1.21	4.21	.....
New Smyrna	0.84	4.52	6.95	1.30	2.40	2.43	1.30	5.23	2.40	0.85	1.13	1.52	30.87
Ocala	1.37			1.69	4.46								.....
Orange City	0.78	5.94	11.05	2.93	1.12	3.27	3.19	7.42	2.68	3.13	1.07		.....
Orlando	0.92	5.10	5.57	1.34	2.08	2.35	10.53	6.59	5.61	2.64	0.17	3.49	46.39
Panama City								8.45	6.46	4.30	0.61	4.50	.....
Pensacola	2.17	5.85	11.09	4.55	2.08	3.77	7.96	5.02	13.71	0.99	2.19	2.22	61.60
Pinellas Park		5.89	3.23	2.47	2.15	3.91	7.85	9.05	8.74	1.63	0.82	5.53	.....
Plant City	1.33	5.32	3.65	1.74	2.05	5.38	3.92	10.67	4.74	2.71	0.24	3.96	45.71
Ritta	1.10		1.97	1.25	5.35	3.69	2.12	7.60	5.46	1.21	2.66	1.85	.....
Rockwell		4.61	5.10	1.10	3.90	6.28	8.17	8.76	3.69	2.80	T.	4.99	.....
St. Andrews	1.64												.....
St. Augustine	0.50	6.46	4.90	2.75	0.65	4.75	2.45	5.52	2.10	1.72	0.75	3.12	35.67
St. Cloud					0.59	5.62	5.28	7.65	4.81	3.65	0.11	2.54	.....
St. Leo	2.29	4.53	3.92	2.39	2.24	6.94	5.06	11.92	4.74	2.42	0.23	3.91	50.59
Sand Key	1.12	2.29	0.48	0.25	2.47	3.43	1.95	3.56	4.41	4.88	1.34	1.58	27.76
Sanford			7.00	2.49	0.74	6.57	6.27	6.11	1.79	1.66	0.36	2.59	.....
Satsuma Heights	1.10	4.15	7.59	2.13	1.05	1.94	5.66	6.71	2.04	1.77	0.25	4.41	38.80
Switzerland	0.88	5.16	4.38	1.14	2.01	3.75	5.62	3.85	6.53	1.91	1.16	4.05	40.44
Tallahassee	4.70	5.58	7.20	1.30	4.10	7.77	3.97	2.91	5.20	3.70	0.81	3.60	50.84
Tampa	1.09	4.02	3.09	1.39	1.49	6.75	7.01	11.08	2.44	1.54	0.27	4.20	44.37
Tarpon Springs	1.85	5.74	3.71	3.50	3.33	4.33	4.00	8.31	10.76	2.38	0.34	4.43	52.88
Titusville	1.09	6.04	5.85	1.31	1.66	3.07	3.87	4.17	3.73	5.58	0.80	3.42	40.59
Wausau	0.72	2.24		0.80	3.09	6.30	7.29	4.30	3.46	5.69			.....
Zona	.....	.....	6.32	4.47	4.80	6.86	2.42	4.90	9.55	2.79	2.53	0.98	.....
Georgia.													
Abbeville	3.62	4.43	8.29	0.54	0.65	7.26	12.43	4.97	4.06	1.76	0.93	2.63	51.57
Adairsville	4.95	7.80	6.85	1.99	4.57	0.80	2.64	3.33	3.15	1.22	0.94	3.55	41.79
Albany	2.46	5.08	9.01	1.40	1.77	4.65	9.01	3.87	4.65	2.52	0.27	2.59	47.28
Allapaha	3.41	5.84	5.95	0.45	0.99	6.34	8.39	4.78	1.95	1.85	1.19	1.93	43.07

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Georgia—Continued.													
Americus				1.83	1.26	4.05	5.09	4.36	5.83	2.33	0.85		
Athens	4.53	4.35	7.82	1.76	2.92	5.33	3.58	2.43	5.52	4.03	0.32	4.53	47.12
Atlanta	5.76	3.30	9.14	0.84	3.62	3.10	4.85	2.53	2.40	2.24	0.54	3.95	42.27
Augusta	1.59	2.97	8.46	1.92	0.74	5.10	5.48	3.53	2.60	2.23	1.95	2.30	38.93
Bainbridge	4.49	4.50	4.80	1.21	2.36	4.64	6.55	3.86	2.09	2.47	0.37	2.77	40.11
Barnesville							6.29		5.79				
Butler	1.76	5.46	14.19	3.13	1.26	5.29	6.40	4.12	5.68	2.08	1.36	2.22	52.95
Camak	2.65	4.53	10.69	1.60	4.20	2.97	3.07	5.23	4.45	1.08	1.57	3.02	45.06
Canton	4.81	6.42	8.37	1.16	2.79	1.09	8.55	3.98	3.34	2.38	1.43	3.77	48.09
Carlton	4.81	3.59	8.05	3.67	1.61	4.21	4.39	3.80	5.93	2.36	0.58	4.76	47.76
Clayton	5.69	6.68	12.23	3.75	4.19	6.49	9.82	3.35	4.77	2.88	1.88	7.11	68.84
Columbus	1.65	3.20	12.29	0.79	2.63	4.72	6.48	3.01	2.98	2.13	0.78	2.55	43.21
Concord	2.32	4.64	13.37	0.72	2.50	4.02	11.14	2.92	4.99	3.24	0.44	3.63	53.93
Covington	4.00	3.45	9.55	1.90	2.05	3.55	6.15	4.35	6.05	2.40	0.25	4.65	48.35
Cuthbert		4.17	8.83										
Dahlonega	5.61	6.99	8.99	0.66	3.54	3.83		3.87	3.99	1.92	1.34	4.89	
Diamond	7.31	6.23	13.52	0.58	5.67	5.37	3.68	3.96					
Dublin	2.58	4.00	13.15	0.61	1.47	6.93	5.90	3.66	4.19	1.95	1.65	2.54	48.63
Eastman	2.40	5.23	10.15	0.73	0.19	5.47	2.64	3.41	2.59	1.80	1.32	2.05	37.98
Eatonton	1.65	3.52	9.85	2.44	2.55	4.04	4.81	2.56	3.73	2.87	0.99	3.35	42.36
Elberton	6.50	3.90	9.09	3.58	2.39	3.50	5.24	2.84	7.84	2.40	1.37	5.78	54.43
Experiment	1.64	4.38	8.26	0.60	2.02	6.01	4.27	4.73	4.98	1.32	0.32	3.71	42.24
Fort Gaines	1.47	5.53	10.48	3.17	1.75	5.33	4.47	2.14	3.36	3.06	0.00	1.71	42.47
Gainesville	5.12	6.34	8.18	1.13	2.36	3.86	6.40	6.79	5.52	2.23	0.43	4.33	52.69
Gillsville	5.59	7.28	8.84	1.43	2.22	2.67	5.83	5.35	5.35	2.41	0.31	4.94	52.24
Glennville	1.03	4.30	5.08	0.65	0.34	4.78	6.92	8.86	0.77	2.55	1.09	1.61	38.18
Gore	5.91	7.49	8.61	1.40	4.70	2.06	4.25	3.49	5.78	1.78	0.86	5.37	51.70
Granite Hill	1.99	3.03	10.76	2.58	5.37	6.49				2.29	1.20		
Greensboro	3.02	3.75	8.96	2.74	2.52	6.11	4.74	2.22	5.20	3.11	1.20	3.57	47.14
Griffin	3.02	5.36	7.45	0.78	2.31	7.60	5.28	5.77	5.37	2.72	0.48	4.38	50.52
Harrison	1.45	4.11	7.85	0.52	3.33	6.54	4.94	4.89				2.25	
Hartwell		4.65	6.82	2.61	2.24	5.44				1.23		4.10	
Hawkinsville	2.69	6.38	11.89	1.09	1.00	3.07	4.25	2.52	2.10	2.35	0.60	1.18	39.12
Highland Dam	2.19	4.04	9.23	0.59	1.27	3.17	5.45			2.27	0.88	2.34	
Jesup					0.58	6.17	6.72	7.37	1.38	3.00	1.25		
Lisbon	4.44	2.65	7.75	1.39	1.54	2.79	4.39	2.25	7.77	2.99	1.46	3.48	42.90
Lost Mountain	5.77	4.68	11.08	1.48	2.69	5.11	4.38	3.05	2.88	2.75	0.72	3.74	48.33
Louisville	1.76	3.62		1.27	2.73	5.59	6.60	3.17	4.50	2.10	1.86	2.09	
Lumber City	3.44	5.18	6.60	0.21	0.72	7.21	4.74	5.96	1.78	1.44	1.11	1.55	39.94
Lumpkin					2.90	3.58	4.86	4.78	3.87	2.11	0.26	1.86	
Macon	1.87	4.41	11.58	2.49	0.67	3.54	6.56	2.89	2.78	1.82	1.14	2.08	41.83
Marshallville	1.72	4.84	12.42	3.07	1.43	4.61	6.65	4.05	5.26	3.28	1.38	2.28	50.99
Milledgeville	2.33	3.24	12.64	3.08	0.50	6.41	6.09	0.72	3.42	2.24	1.44	2.63	44.74
Millen	2.55	4.45	9.25	0.80	0.84	6.02	3.24	2.65	2.78	1.50	1.50	1.65	37.23
Mineral Bluff						4.80	3.08	4.00	1.82	2.03	0.13	3.04	
Montezuma	1.86	4.46	11.55	2.69	1.37	4.80	5.89	2.82	2.92	2.17	0.65	2.13	42.71
Monticello	3.79	3.79	10.38	3.51	2.23	5.56	6.97	2.72	5.82	3.91	0.83	4.12	53.63
Newnan	4.77	4.46	7.24	1.22	3.66	2.90	8.39	3.74	3.52	3.08	0.51	4.14	47.63
Norcross	5.66	4.90	9.05	0.48	2.12	2.04	5.46	2.84	3.77	2.93	0.22	4.66	44.13
Ocilla										2.01			
Point Peter	6.62	3.72	9.36	3.61	2.03	4.35	3.74	3.68	6.69	2.74	0.66	5.40	52.60
Poulan	3.73	5.42	8.61	1.54	1.62	7.67	5.82	7.47	3.67	2.87	0.68	2.26	51.36
Putnam		4.11	12.44	2.67		2.62	3.97	2.90	4.34	2.32	0.76		
Quitman	6.02	6.44	5.56	0.28	3.05	8.69	4.47	6.30	3.62	3.09	0.61	3.06	50.99
Ramhurst	5.92	6.50	7.95	1.76	4.47	5.86	3.45	2.18	3.74	1.44	0.97	4.22	48.46
Resaca	5.25	7.50	8.30	1.16	3.42	2.27	5.47	1.95	3.99	1.06	1.03	4.14	45.54
Rome	5.60	8.53	7.09	1.70	3.88	5.24	3.42	3.28	3.29	1.83	0.97	4.70	49.53
St. George	2.35	4.51	4.76	0.42	3.15	8.40	8.77	8.24	5.08	2.01	1.17	4.82	53.68
St. Marys	1.06	5.41	6.26										
Savannah	1.24	5.02	5.25	1.44	1.28	4.28	6.53	5.12	4.63	1.04	1.80	2.37	40.00
Statesboro	1.11	4.11	5.67	0.41	1.56	5.96	4.61	6.40	2.21	2.43	1.43	1.44	37.34
Talbotton	3.11	4.54	14.61	1.14	1.15	4.89	4.27	1.65	5.60	2.56	0.90	2.84	47.26
Tallapoosa	5.57	9.00	9.27	1.56	2.35	4.79	3.59	1.92	3.74	3.34	0.68	4.24	50.05
Thomasville	1.65	6.51	5.53	1.38	2.87	7.90	4.78	4.39	2.30	3.32	0.51	2.51	43.95
Tifton	1.75	5.33	7.40	0.52									
Toccoa	4.16	6.05	8.19	2.46	2.53	3.63	5.17	4.18	4.73	3.37	0.73	5.56	50.76
Valdosta	4.20	5.75	6.75	T.	2.95	11.90	6.35	11.55	4.10	2.40	0.90	2.55	59.40
Valona	2.70	3.89	4.12	1.22	3.79	2.96	9.05	4.79					
Washington	4.00	4.05	9.25	2.42	2.16	5.80	4.09	4.41	5.95	2.28	1.80	4.79	50.80
Waycross	2.87	4.45	4.30	1.03	1.21	3.37	8.91	7.74	2.94	2.72	3.67	2.25	45.46
Waynesboro	1.68	2.75	7.54	1.31	1.97	6.34	3.06	4.43	5.73	0.30	1.43	1.72	38.26
West Point	3.65	5.59	12.72	1.07	2.87	2.76	3.67	2.55	3.24	2.54	0.45	3.23	44.34
Woodbury	2.09	4.14	13.70	0.78	2.64	3.12	10.05	1.61	5.31	4.03	0.34	4.02	51.81
Idaho.													
Albion	0.92	0.40	0.55	0.62		2.96	1.84	0.05	0.56		3.05		
Almo	0.27	0.05	0.26	0.58	2.65	5.50	3.63	1.40	0.83	2.44	2.70	0.60	20.91
American Falls		0.50	1.02	0.30	2.15	1.20	2.37	1.28	1.28	0.84	2.64	0.66	
Arrowrock	2.75	0.12	3.60	0.45	0.10	2.22	3.31	0.29	0.79	2.80	4.28	3.35	24.06
Avery												0.47	
Blackfoot	0.89	0.39	0.60	0.49	2.53	1.17	2.20	0.10	1.50	0.43	0.96	1.15	12.41
Blackfoot Dam	1.84	0.76	2.07	0.91	2.50	3.74	2.52	0.95	1.57	1.27	1.84	0.96	20.93
Bogus Creek	2.68		4.60	1.46	1.81	4.11	6.40	0.27	0.94	2.99	5.40	2.10	
Boise	1.34	0.20	1.75	0.95	0.58	1.64	2.01	0.03	0.65	1.67	2.82	2.49	16.04
Boise King							4.15	0.42	0.53	1.93	4.51	2.18	
Bonners Ferry	3.17	0.57	0.62	0.00	2.09	2.61	1.13	1.09	1.14	0.36	5.11	0.60	18.49
Boulder Mine	5.91	0.89	5.33	1.29	1.79	2.79	4.20	0.10	0.71	2.54	5.10	3.52	34.17
Buhl	0.75	0.32	0.61	0.62	1.58	2.49	2.29	0.13	0.05	0.43	2.25	1.05	12.57
Burke												2.16	
Caldwell	0.92	0.10	1.00	0.74	1.02	1.95	3.55	0.44	0.40	1.24	2.05	1.71	15.12
Caldwell Experiment Station	1.45	0.11	0.97	0.65	1.04	1.63	1.82	0.12	0.35	1.40	2.06		
Cambridge	4.53	0.54	2.38	1.77	1.26	3.13	1.10	0.07	0.27	2.16	3.32	2.32	22.85
Cedar Creek Dam	0.93	0.81	2.87	1.54	1.26	3.98	2.33						
Challis												2.30	

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Idaho—Continued.													
Chesterfield	1.37	.....	0.22	0.15	1.08	4.54	2.26	1.29	1.37	1.09	1.69	0.69	.....
Clarks Fork	5.11	1.84	4.57	1.38	1.39	2.64	0.85	0.74	1.56	2.52	4.87	0.81	28.28
Coeur d'Alene	.....	.....	.....	.....	1.82	4.45	1.05	.....	0.50	2.84	.....	.....	.....
Cottonwood Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.05	.....
Council	6.24	0.36	5.35	1.80	1.80	5.02	1.38	0.40	0.23	2.57	5.47	2.08	32.68
Culdesac	3.25	1.46	3.35	1.80	2.50	2.29	0.37	1.39	0.60	2.15	1.69	0.62	21.47
Deary	.....	0.85	4.34	1.66	.....	4.54	0.37	0.78	1.18	2.64	3.45	1.13	.....
Dent	.....	.....	.....	2.05	.....	.....	.....	.....	.....	.....	.....	.....	.....
Driggs	2.51	0.62	1.47	0.75	2.53	2.63	4.61	0.35	1.59	0.51	1.17	0.82	19.56
Emmett	1.36	0.07	1.53	0.45	0.74	1.67	2.33	0.00	0.36	1.16	1.99	2.93	14.59
Garnet	0.35	0.00	0.50	0.45	.....	1.82	2.32	0.00	0.20	0.40	1.15	1.25	.....
Geneva	0.88	0.56	2.30	0.73	0.51	1.23	1.84	0.33	0.74	1.37	1.85	1.22	13.58
Glenns Ferry	1.48	0.05	0.63	0.60	0.25	1.38	1.39	0.02	0.03	0.78	2.02	2.01	10.64
Gooding	0.63	0.12	0.55	0.47	0.15	0.91	0.73	0.08	0.05	0.94	2.34	1.64	8.61
Grace	0.45	0.30	0.95	0.04	0.79	2.36	0.34	0.32	0.55	1.04	2.37	1.30	10.81
Grand Forks	10.71	2.14	7.96	2.38	.....	.....	0.62	0.18	.....	.....	.....	.....	.....
Grandview	0.70	0.01	0.22	0.54	0.23	0.97	1.37	0.05	.....	0.00	0.31	0.85	.....
Grimes Pass	4.45	0.57	4.40	1.06	1.43	2.99	1.79	0.16	0.60	3.15	5.70	4.08	30.38
Guffey	0.54	0.38	0.70	0.45	0.17	1.27	0.64	0.06	0.55	0.48	1.35	1.08	7.67
Hailey	3.45	0.09	0.16	1.11	0.73	3.15	1.62	0.71	0.33	0.82	2.60	2.29	17.06
Hollister	0.49	0.33	0.72	0.89	1.79	2.40	1.65	0.13	0.49	1.23	2.13	0.46	12.71
Hotspring	0.36	T.	0.70	0.43	0.22	1.10	1.70	T.	0.70	0.40	1.16	1.22	7.99
Idaho City	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.55	2.68	.....
Idaho Falls	1.24	0.25	0.59	0.35	2.39	2.99	1.86	0.08	0.88	1.18	0.80	0.93	13.54
Indian Cove	0.71	0.90	0.70	0.32	0.44	2.16	1.82	0.12	0.60	0.62	1.50	2.05	11.94
Indian Valley	2.74	0.25	2.84	1.23	1.47	2.88	2.09	0.15	0.16	1.72	3.50	2.19	21.22
Irwin	.....	.....	1.41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kellogg	6.69	1.09	3.87	1.74	2.61	4.55	1.75	1.19	1.23	2.81	3.47	0.43	31.43
Kilgore	3.61	1.00	1.97	3.55	0.85	6.02	8.00	0.95	5.00	6.35	.....	1.50	.....
Kirkham	5.31	0.46	1.79	0.54	3.32	2.84	2.42	0.30	0.65	2.10	2.46	2.76	24.95
Kooskia	4.52	1.74	2.07	2.11	0.84	3.57	0.66	1.35	0.23	3.00	.....	0.80	.....
Lakeview	3.46	0.85	2.20	0.90	2.27	3.10	1.90	0.56	1.17	3.40	6.37	0.38	26.56
Landore	7.94	1.65	4.33	3.34	3.23	7.11	1.43	0.60	0.62	2.87	6.25	2.95	42.32
Leadore	.....	1.00	1.65	0.59	0.91	.....	2.82	0.67	.....	.....	.....	.....	.....
Lewiston	2.33	1.33	1.79	1.39	1.60	3.78	0.10	0.47	0.60	2.18	1.50	0.75	17.82
Little Camas	3.57	0.27	2.85	1.10	0.59	2.37	2.99	0.23	0.26	1.51	4.45	4.68	24.85
Loon Creek	1.96	0.38	2.22	1.35	1.46	2.78	1.65	0.64	.....	0.89	2.17	0.56	.....
Mackay	1.45	0.28	0.01	0.22	2.23	2.30	2.77	0.77	0.85	T.	0.72	0.25	11.85
Malad	.....	.....	.....	.....	.....	.....	0.98	1.89	1.49	.....	.....	.....	.....
Meridian	1.24	0.13	1.20	0.44	0.65	2.28	2.17	T.	0.46	1.55	2.52	2.53	15.17
Mesa	.....	0.54	3.46	1.64	1.32	.....	.....	0.15	0.26	2.06	3.78	2.14	.....
Middle Fork	.....	0.90	4.77	3.34	.....	.....	.....	.....	.....	.....	.....	0.59	.....
Milner	0.51	0.60	0.44	0.30	1.29	2.06	1.72	0.14	0.45	0.91	2.18	1.42	12.02
Moore	.....	.....	0.34	1.08	2.24	2.15	1.04	0.28	1.01	.....	.....	.....	.....
Moscow	8.43	1.51	4.52	1.43	2.70	3.20	0.19	0.63	0.91	2.36	3.26	1.03	30.17
Mountainhome	0.82	0.09	0.86	0.97	T.	1.66	2.63	0.31	0.10	1.05	1.97	1.63	12.09
Murtaugh	0.37	0.19	0.27	0.65	1.00	1.72	0.82	T.	1.05	1.08	2.17	2.29	11.61
Musselshell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	.....
New Meadows	.....	0.86	3.21	2.00	1.44	3.38	1.32	0.57	0.54	2.22	4.93	2.00	.....
Nezperce	2.63	1.85	2.60	2.41	2.28	3.68	0.72	0.72	0.63	1.91	1.32	1.23	21.98
Oakley	0.25	0.40	0.25	0.15	1.36	3.01	1.85	0.84	0.65	0.97	2.23	0.88	12.84
O'Hara Bar	.....	1.64	4.19	3.40	.....	.....	1.05	1.25	1.50	.....	.....	.....	.....
Orofino	6.10	2.20	5.70	1.57	2.17	4.31	0.35	1.87	0.53	3.09	2.89	1.36	32.14
Paris	0.78	0.21	.....	.....	0.20	2.42	0.76	1.63	0.50	0.92	1.46	0.29	.....
Payette	1.27	0.02	0.86	0.57	0.54	3.00	2.45	0.04	0.14	0.92	1.99	2.46	14.26
Pierson	0.52	0.18	1.78	0.00	0.75	2.93	3.42	0.68	1.05	0.35	1.34	0.86	13.86
Pine	6.38	0.52	2.95	0.87	.....	.....	.....	.....	.....	1.77	4.54	4.05	.....
Pleasant Valley	0.51	T.	1.30	0.68	0.44	1.60	2.31	0.03	0.62	1.36	1.88	2.01	12.74
Pocatello	0.81	0.59	1.28	0.78	2.44	1.96	2.23	0.36	0.88	0.99	2.01	0.84	15.17
Pocatello Nursery	.....	.....	.....	.....	.....	2.69	4.32	0.38	.....	.....	.....	.....	.....
Poplar	0.69	0.70	1.06	0.67	2.59	2.85	2.71	0.27	0.86	1.51	1.15	0.80	15.86
Porthill	2.27	0.45	1.58	0.49	1.95	1.64	1.34	0.79	1.11	0.57	4.45	0.50	17.14
Powers Ranch	4.58	0.79	4.59	1.12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Priest River Experiment Sta. No. 1	3.74	0.63	2.19	1.26	2.23	3.83	1.30	0.73	1.98	1.68	7.44	0.98	27.99
Priest River Experiment Sta. No. 2	3.62	0.57	2.09	1.16	2.11	3.38	1.16	0.59	1.85	1.65	6.98	0.91	26.07
Priest River Experiment Sta. No. 3	3.77	0.57	2.17	1.33	2.24	3.31	1.22	0.69	2.00	1.74	7.02	0.91	26.97
Pyle Creek	5.27	0.53	5.36	0.93	1.48	3.03	1.67	0.16	0.32	3.19	4.66	3.41	30.01
Rattlesnake	2.78	0.33	3.25	0.94	.....	.....	.....	.....	.....	.....	4.50	3.17	.....
Richfield	1.10	0.08	0.41	0.67	0.32	1.94	0.89	0.38	1.01	0.65	1.89	1.53	10.87
Rogerson	.....	.....	.....	.....	1.25	4.32	1.29	1.17	.....	.....	.....	.....	.....
Roseworth	0.46	0.26	0.59	0.81	0.76	2.87	1.18	0.16	0.51	0.65	1.75	0.96	10.96
Rupert	0.45	0.10	0.33	0.28	1.26	2.18	2.45	0.16	0.29	0.64	2.16	1.88	12.18
St. Michael's Priory	.....	.....	4.11	1.87	2.11	4.54	1.71	1.18	1.03	1.92	2.61	0.76	.....
Salmon	0.63	0.51	0.96	0.25	0.89	3.38	1.36	0.72	0.65	0.37	0.87	0.32	10.91
Sandpoint	4.69	0.68	1.95	1.01	3.02	3.76	0.95	0.32	2.11	1.85	5.65	0.62	26.61
Sheep Hill	5.89	0.74	4.36	0.66	0.69	3.12	4.17	0.19	0.35	3.06	5.92	5.59	34.74
Shoshone	1.21	0.14	0.28	0.50	0.34	1.32	0.80	0.05	0.47	0.54	1.89	1.31	8.85
Silver City	2.27	0.55	3.32	2.02	1.64	3.42	1.25	0.70	0.36	1.16	3.94	2.23	22.86
Smith Prairie	3.18	0.98	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soldier Creek	.....	0.29	1.26	1.53	0.92	3.09	3.56	0.39	0.56	2.11	4.84	4.12	.....
Spirit Lake	5.72	1.30	2.38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Springfield	0.31	0.62	0.30	0.12	1.89	1.96	1.39	0.19	0.77	0.55	1.55	1.03	10.68
Spring Hill	2.41	0.11	2.32	0.97	0.81	2.29	6.35	0.13	0.31	2.21	3.44	2.90	24.31
Sugar	0.76	0.24	0.61	0.81	2.91	3.25	2.74	0.30	1.26	0.84	0.58	1.49	15.79
Sunnyside	0.72	0.03	0.72	0.39	T.	.....	2.33	0.00	T.	1.32	2.27	0.68	.....
Tripod Mountain	3.26	0.65	4.92	0.62	1.10	3.80	2.28	0.10	0.06	2.28	4.10	2.81	25.98
Twin Falls	1.19	0.21	0.65	0.53	0.75	2.54	1.50	0.17	2.09	1.35	2.09	1.77	14.84
Vernon	0.87	1.31	0.73	1.64	2.39	2.62	5.60	0.09	1.04	0.66	1.38	0.17	18.50
Wallace	7.13	1.57	5.32	2.10	2.91	4.17	1.73	0.88	1.17	.....	.....	.....	.....
Weiser	2.51	0.09	1.01	0.61	1.37	3.48	1.18	0.54	0.13	1.04	1.82	2.83	16.61
Wendell	1.11	0.25	0.29	0.49	0.46	2.04	1.87	0.05	0.04	0.78	1.79	2.26	11.43
Weston	0.52	0.56	1.46	0.81	1.16	2.95	1.27	0.23	1.48	1.18	2.10	0.98	14.70
Whitebird	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.34	.....

Monthly and annual precipitation (in inches and hundredths) for 1913— Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Illinois.													
Albion	9.37	1.17	11.64	3.67	2.65	2.86	3.13	4.01	3.73	3.74	5.00	1.18	52.15
Aledo	1.09	1.77	2.87	2.14	5.62	5.61	0.10	2.49	2.19	2.81	1.24	0.83	28.76
Alexander	3.18	1.56	5.46	2.97	0.66	3.49	1.08	1.79	3.04	3.07	3.60	0.67	30.57
Antioch	1.81	1.28	2.53	2.35	5.47	2.07	3.45	1.81	3.10	5.51	1.62	T.	31.00
Astoria	2.21	3.19	4.26	3.55	1.63	3.66	0.42	0.88	2.12	2.30	2.75	1.27	28.24
Aurora	.....	2.80	3.43	2.16	7.01	1.05	3.58	4.37	1.68	3.85	1.74	0.46	.....
Beardstown	.....	2.53	4.68	4.34	1.05	2.38	0.43	.....	.....	.....	.....	.....	.....
Bement	5.20	0.57	6.09	3.71	0.54	1.50	0.37	1.75	.....	2.60	3.97	1.07	.....
Bloomington	3.38	1.40	5.78	3.38	2.88	4.55	1.27	2.76	2.27	4.24	2.69	0.80	35.40
Cairo	11.65	2.08	7.23	2.27	0.87	1.07	4.19	1.54	2.22	5.50	3.14	0.84	42.60
Camp Point	.....	.....	.....	.....	3.38	4.14	1.36	1.02	1.64	2.71	2.28	1.39	.....
Carbondale	7.70	0.79	7.63	3.00	2.10	2.62	3.35	1.37	2.74	5.73	3.44	2.05	42.52
Casey	6.98	0.99	6.95	2.42	0.50	1.66	2.99	3.70	3.80	5.13	6.32	0.34	41.78
Carlinville	3.86	1.09	6.06	3.31	1.23	1.01	1.84	1.97	3.80	2.86	4.02	0.85	31.90
Carlyle	6.21	1.09	5.68	3.37	1.20	3.27	0.89	0.63	4.57	4.36	5.52	1.86	38.65
Charleston	4.93	1.42	7.21	2.65	0.61	1.42	0.75	.....	.....	4.63	3.89	0.64	.....
Chester	9.78	1.54	7.68	3.63	2.20	2.80	3.33	0.76	5.41	7.98	3.39	2.45	50.95
Chicago	1.33	1.97	3.44	1.91	4.38	1.08	3.30	4.06	1.49	2.23	1.47	0.45	27.11
Clinton	4.40	1.12	7.46	4.31	1.54	1.92	2.02	2.20	3.62	4.60	3.15	1.36	37.70
Coatsburg	1.65	2.59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cobden	8.13	0.85	7.94	3.19	1.91	0.90	3.77	1.45	4.81	6.97	3.47	1.47	44.86
Dakota	1.45	1.26	2.93	1.97	7.27	2.48	4.50	4.59	2.80	3.41	1.66	0.14	34.46
Danville	7.17	0.96	7.72	2.87	0.54	2.42	1.08	2.72	3.98	4.80	4.86	0.88	39.70
Decatur	5.19	1.28	6.87	3.55	1.12	2.90	1.40	2.18	3.74	3.65	3.68	1.62	37.18
Dixon	0.94	1.71	2.64	2.55	5.27	3.15	1.47	2.57	2.57	3.22	0.76	1.17	28.02
Du Quoin	7.11	1.31	8.65	2.29	1.22	1.72	3.25	3.12	4.99	4.81	3.24	1.42	36.02
Dwight	2.59	1.89	4.18	2.77	5.97	2.40	1.61	2.33	0.88	2.98	2.06	1.30	30.96
East St. Louis	4.94	0.93	7.62	3.50	1.55	1.64	3.62	0.23	4.96	5.03	3.50	1.36	38.85
Edwardsville	4.90	1.09	8.22	3.20	1.84	4.86	3.95	.....	4.56	5.17	4.21	1.87	.....
Elgin	1.53	1.51	1.42	3.49	5.90	1.53	4.32	3.25	2.13	2.24	1.49	1.07	29.88
Equality	9.89	1.34	7.77	3.07	1.22	0.62	2.35	1.61	3.68	3.98	3.93	1.54	41.00
Ewing	8.17	1.20	9.68	2.99	2.42	1.23	1.79	2.74	3.88	4.76	3.35	1.27	43.48
Fairfield	10.18	1.05	12.43	3.70	2.30	1.48	1.41	3.46	4.65	4.08	4.40	1.84	50.98
Fairview	1.57	3.03	2.97	2.70	2.13	2.12	0.10	1.38	1.43	3.03	2.45	0.82	23.75
Flora	7.82	1.25	8.03	2.58	1.58	3.25	1.77	2.67	3.77	4.60	4.67	1.44	43.43
Galva	1.31	2.03	4.35	2.36	4.64	6.18	0.66	3.75	1.85	2.05	1.74	0.69	31.61
Grafton	5.99	1.01	5.61	3.30	0.56	3.04	1.92	0.24	5.04	5.18	3.52	1.58	36.99
Golconda	12.66	2.92	10.77	3.60	1.73	3.07	3.69	2.94	3.96	2.67	4.77	1.83	45.29
Greenville	5.01	0.97	8.33	2.42	1.04	5.37	1.86	0.72	3.52	4.55	5.48	1.26	40.53
Griggsville	2.26	2.19	4.65	3.56	1.22	4.54	0.64	0.35	3.10	3.87	.....	0.79	.....
Havana	1.21	1.74	1.53	3.24	1.90	3.15	1.46	1.52	1.59	2.27	2.99	0.70	23.30
Henry	1.69	3.25	3.91	2.20	4.15	3.74	0.51	.....	2.21	2.65	2.09	1.29	.....
Highland Park	1.46	2.39	0.86	2.88	6.74	1.71	3.78	1.84	1.35	3.16	2.21	0.31	28.69
Hillsboro	6.84	1.40	7.97	2.80	1.27	3.18	1.96	1.87	7.22	3.33	4.59	0.72	43.15
Hoopeston	6.21	1.46	6.96	2.51	1.99	3.28	2.58	5.14	2.44	3.71	3.31	1.24	40.83
Joliet	1.59	1.46	3.43	2.51	5.21	1.74	3.48	3.41	1.37	2.93	1.18	0.36	28.07
Kishwaukee	0.67	1.28	2.19	2.05	5.52	2.77	4.77	2.72	3.58	2.88	1.96	0.28	30.67
La Grange	1.10	2.13	3.39	2.41	5.28	0.89	.....	.....	.....	2.54	1.71	0.28	.....
La Harpe	1.14	2.26	2.74	2.82	3.53	3.54	0.23	1.39	1.96	2.07	2.43	0.94	25.05
Lanark	0.91	0.68	1.67	1.91	6.94	1.62	2.08	5.56	2.86	3.61	1.32	0.51	29.67
La Salle	1.29	2.50	3.03	1.53	4.45	3.32	1.42	3.71	1.92	.....	1.32	1.42	.....
Lincoln	3.63	1.21	6.15	3.24	2.15	2.31	1.01	3.19	2.58	4.21	3.44	0.83	33.95
Macomb	1.11	3.27	3.18	3.16	2.75	3.08	0.16	1.08	1.89	2.20	2.71	1.72	26.31
McLeansboro	9.55	1.18	9.91	3.30	2.25	1.57	1.40	1.21	4.03	4.52	2.80	1.68	43.40
Manteno	2.63	1.07	4.21	2.92	5.87	2.05	2.91	3.76	1.35	2.51	2.47	0.86	32.61
Martinton	3.38	0.96	5.22	3.35	5.79	1.87	2.19	3.49	2.22	4.00	2.40	1.22	36.09
Mascoutah	5.10	.....	8.81	2.86	1.26	1.92	2.13	1.98	2.97	5.15	3.90	1.60	.....
Metropolis	11.83	2.47	9.13	3.20	0.85	2.12	4.86	3.93	1.74	4.10	3.64	2.97	50.84
Minonk	2.00	2.67	3.45	3.08	5.29	2.00	1.95	2.21	1.32	2.39	2.12	1.44	29.92
Monmouth	1.66	2.00	3.91	2.91	6.07	2.49	0.05	1.31	1.89	3.21	2.06	1.04	28.60
Montrose	6.31	0.98	6.30	2.12	0.58	1.27	1.34	4.92	2.30	4.37	6.38	0.63	37.50
Morris	1.52	1.91	3.42	2.48	6.13	1.62	2.79	2.27	0.81	2.05	2.09	0.91	27.98
Morrison	1.00	1.18	2.43	1.70	6.01	4.17	1.59	2.62	2.59	2.76	1.54	0.19	27.78
Morrisonville	4.84	1.34	6.07	3.55	1.02	1.97	3.60	1.38	3.66	4.00	4.21	0.62	36.26
Mount Carmel	9.76	1.16	12.13	3.86	2.06	2.58	1.84	1.28	2.88	3.45	4.60	2.54	48.14
Mount Vernon	8.76	1.05	8.84	2.94	1.89	4.57	1.44	0.80	4.20	4.66	3.84	1.83	44.82
Nashville	7.57	0.88	7.17	3.03	1.78	1.86	1.32	2.02	2.87	6.25	3.98	1.76	40.49
New Burnside	9.33	1.16	6.95	3.43	1.64	0.66	5.55	1.00	4.01	6.43	4.19	1.61	46.05
Newton	6.56	0.94	6.30	2.16	1.39	1.12	1.62	3.11	2.56	4.45	5.93	1.01	37.15
Olney	9.01	1.10	9.57	3.23	2.37	1.48	2.18	1.97	4.04	3.72	4.89	1.41	44.97
Oregon	0.98	1.97	2.37	1.59	5.19	2.16	2.96	3.58	2.76	3.99	2.37	0.63	30.55
Ottawa	1.80	3.00	3.87	2.09	6.71	2.36	2.17	2.98	2.10	2.70	1.80	0.59	32.17
Palestine	7.02	1.61	8.05	2.53	0.79	2.36	3.44	4.36	3.23	3.08	5.35	1.15	42.97
Pana	.....	1.46	6.46	.....	0.79	1.94	1.48	.....	.....	4.19	4.40	0.42	.....
Paris	7.42	1.39	7.09	2.46	2.31	0.95	2.92	2.06	3.62	4.33	4.03	1.49	40.07
Paw Paw	1.28	2.20	3.13	2.71	5.37	2.04	2.72	3.43	2.65	2.93	1.78	0.34	30.58
Peoria	2.18	3.00	3.46	3.54	1.85	2.50	0.46	2.87	2.58	3.11	2.77	0.74	29.06
Philo	6.69	1.03	6.09	2.35	0.57	1.64	0.38	1.59	4.46	3.34	4.08	0.45	32.67
Pontiac	3.03	1.85	5.13	2.97	7.54	2.30	1.13	3.86	1.81	5.05	1.58	1.24	37.49
Quincy	1.66	2.73	3.24	3.12	2.90	5.86	0.79	1.35	1.85	1.94	1.94	1.60	28.98
Rantoul	5.48	1.10	6.99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Riley	1.02	1.65	2.45	2.12	5.63	2.04	6.55	3.69	3.09	3.22	1.73	0.55	33.74
Rileyville	9.45	1.40	8.17	2.71	1.61	2.48	3.81	1.15	3.30	4.02	3.76	1.31	43.17
Roberts	2.80	0.93	6.47	2.55	2.65	2.49	1.66	2.18	1.79	3.06	2.29	0.84	29.71
Rockford	1.30	1.74	2.80	1.54	5.70	1.59	5.85	2.78	3.67	3.13	1.52	0.55	32.16
Rushville	0.94	1.40	3.88	3.05	1.77	1.95	0.58	0.44	2.22	2.87	3.35	1.09	23.54
St. Charles	1.25	2.41	3.00	3.84	8.32	1.45	4.33	2.81	2.72	3.14	1.63	0.62	35.52
St. Peter	6.46	1.43	6.75	2.28	1.37	2.40	2.43	2.68	2.88	5.31	5.07	1.04	40.10
Shawneetown	11.35	1.80	9.44	3.90	1.02	1.93	1.96	0.45	3.07	2.87	4.42	1.85	44.06
Sidell	.....	.....	.....	.....	.....	.....	.....	.....	2.78	4.53	3.84	1.16	.....
Sparta	10.09	1.38	.....	3.05	2.60	2.76	3.32	1.87	4.21	8.52	2.86	1.59	.....
Springfield	3.55	1.35	5.55	3.55	0.96	1.84	1.66	2.88	3.41	3.61	4.49	0.77	33.62
Streator	1.76	2.58	3.64	2.91	5.57	1.87	1.59	3.28	1.21	2.29	2.30	1.89	30.89
Sullivan	6.22	1.51	5.28	2.63	0.84	2.13	0.30	1.30	3.82	4.14	4.86	0.58	33.61
Sycamore	0.38	.....	4.52	3.08	5.15	1.94	4.09	2.54	3.23	3.95	1.23	0.48	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Illinois—Continued.													
Tiskilwa	1.46	2.51	3.76	1.67	5.75	5.12	0.34	2.04	1.60	2.72	2.40	0.59	29.96
Tuscola	6.75	1.24	6.15	2.12	0.80	1.28	0.73	0.92	3.43	4.08	4.29	0.41	32.28
Urbana	5.38	1.10	5.99	2.19	0.56	1.73	1.52	1.44	2.50	4.03	4.49	0.77	31.70
Walnut	1.30	2.15	2.95	2.06	5.00	3.27	1.27	1.51	2.02	2.88	1.76	0.39	26.56
Warsaw	0.97	1.42	2.36	2.60	4.14	4.92	0.11	2.74	1.58	1.67	1.78	1.55	25.84
Waterloo	5.89	1.00	7.98	3.32	1.49	2.79	3.74	0.30	5.12	5.19	2.55	1.42	40.70
White Hall	4.60	1.81	6.03	3.24	2.04	1.08	1.26	2.87	3.87	3.64	4.74	1.16	36.34
Winnebago	1.12	1.44	3.48	1.96	6.06	3.20	4.89	5.15	2.76	3.32	1.90	0.30	35.58
Windsor	4.86	1.86	6.87	2.46	0.41	2.18	0.92	2.12	3.20	4.26	4.28	0.60	34.02
Yorkville	0.37	2.01	3.42	1.80	5.99	1.31	3.42	5.77	1.18	3.81	1.58	0.30	30.96
Indiana.													
Anderson	6.56	1.53	8.50	2.42	3.86	3.86	5.89	3.84	1.34	2.62	2.38	0.32	43.12
Auburn	3.96	1.18	6.71	2.68	3.68	0.53	2.41	3.74	2.32	3.37	1.41	0.87	32.86
Attica	7.33	1.44	8.24	3.14	2.01	1.59	2.58	2.96	3.31				
Berne	7.28	1.54	9.74	3.21	3.20	1.00	5.65	4.70	2.14	2.52	2.79	0.48	44.25
Bloomington	10.82	1.84	13.03	5.14	0.53	1.53	3.13	2.76	3.05	3.56	4.02	1.88	51.29
Bluffton	6.88	1.60	9.59	3.01	3.33	1.71	8.83	4.87	1.79	3.34	2.05	1.27	48.27
Butlerville	12.12	2.51	12.38	5.78	2.57	0.74	2.55	4.47	2.73	3.29	4.58	1.35	55.05
Cambridge City	8.30	1.80	11.80	4.61	3.54	7.17	6.71	2.45	3.01	2.94	4.32	0.58	57.23
Collegeville	2.96	0.63	5.95	2.42	6.67	2.47	3.52	2.13	1.56	3.51	2.31	0.70	34.83
Columbus		1.42	12.01	5.23	0.89	1.86	1.65	4.90		3.14	3.68	1.05	
Connersville	7.70	1.71	12.14	4.57	3.13	3.69	2.22	3.10	1.61	4.26	3.58	0.45	48.16
Crawfordsville	6.78	1.95	9.90	1.79	1.32	5.33	1.40	4.24	2.55	3.60	3.90	0.59	43.35
Delphi	7.48	1.12	7.94	2.43	6.43	1.23	3.30	2.72	2.30	3.98	2.97	1.11	43.01
Eminence	7.39	1.35	7.35										
Evansville	10.27	2.15	8.71	3.19	0.59	1.55	1.35	1.74	4.31	2.69	4.87	1.62	43.04
Farmersburg	7.11	0.75	7.24	2.22	0.69	1.67	2.14	1.91	4.12	3.20	5.08	1.03	37.16
Farmland	7.70	1.68	11.12	3.68	2.59	4.28	4.94	1.12	2.44	2.93	2.40	0.67	45.55
Forest Reserve	10.35	2.46	10.80	4.49	2.22	3.21	1.55	1.33	3.91	3.10	5.20	1.86	50.48
Fort Wayne	5.54	1.37	7.10	2.54	3.77	0.69	3.65	3.06	3.01	2.33	2.44	0.66	36.16
French Lick	11.19	2.13	9.81	3.65	1.20	1.85	1.04	3.43	2.63				
Greenfield	6.67	0.96	8.86	2.45	2.10	2.89	6.14	3.15	2.12	2.94	5.41	0.43	44.12
Greensburg	5.85	1.59	9.96	3.07			3.97		3.45	4.22	4.55	0.55	
Hammond		1.72	4.37	1.82	5.17	1.10	4.15	1.97	1.85	2.83	1.28	1.09	
Hickory Hill	8.91	1.57	10.47	3.98	0.97	2.26	2.51	2.48	3.13	3.27	4.29	0.93	44.77
Howe	3.17	1.07			4.21	0.99	3.72	1.76	2.33	4.32	2.89	0.91	
Huntingburg	11.99	1.78	11.56	3.41	1.63	5.61	1.92	2.35	7.27	5.31	8.12	4.71	65.66
Huntington	6.31	1.22	7.63	2.47	4.13	1.32	6.73	4.26	2.14	2.60	2.73	0.85	42.39
Indianapolis	7.63	1.85	7.76	3.01	1.49	2.35	3.88	4.98	3.03	2.73	6.20	0.49	45.40
Jeffersonville	11.11	2.19	7.62	2.60	1.59	3.95	1.92	2.09	1.96	4.09	4.36	1.57	45.05
Judyville	3.71	1.28	6.66	2.24	2.06	1.63	3.40	4.62	3.44	3.28	3.29	1.14	36.75
Knox	4.57	1.37	6.32	2.44	5.82	1.73	4.33	5.94	2.42	3.37	3.25	1.06	42.62
Kokomo	6.94	0.77	7.59	2.61	4.19	2.34	3.22	2.91	1.69	3.72	2.56	0.69	39.23
Lafayette	6.76	0.86	7.05	2.86	2.62	2.26	2.20	2.84	1.97	4.19	3.88	0.67	37.96
Laporte	3.21	1.65	3.11	3.28	4.38	1.24	3.76	3.35	2.23	3.74	2.02	1.05	33.02
Logansport	7.12	1.10			4.78	1.19	3.72	2.16	2.94	4.09	2.81	1.01	
Madison	10.79	2.07	10.17	4.18	2.16	2.64	2.49	2.52	2.85	3.08	4.66	1.68	49.29
Marengo					1.85	1.42	2.99	2.17	5.04	4.10	5.42		
Marion	7.51	1.62	10.31	3.33	3.78	0.88	5.75	3.27	2.03	2.92	2.59	0.47	44.46
Mauzy	8.24	1.75	12.08	4.09	3.12	2.61	3.42	5.75	2.49	3.31	4.49	0.48	51.83
Monticello	6.50	1.30	7.63	2.31	4.14	1.44	3.38	5.16	2.31	4.34	2.99	1.00	42.50
Moores Hill	9.06	1.99	8.99	4.36	2.35	1.18	3.14	2.99	1.91	2.61	4.40	0.82	43.80
Mount Vernon	9.80	1.27	7.96	2.87	0.38	1.13	2.77	3.30	4.13	2.88	4.22	1.74	42.45
Nashville	9.51	1.51	11.69	4.65	1.37	1.47	2.14	1.03	2.09	2.40	4.29	1.18	43.33
Notre Dame	2.83	1.10	3.99	1.84	4.80	0.79	3.28	3.67	2.17	3.22	2.25	1.14	31.08
Paoli	10.59	2.01	10.23	3.36	1.47	1.44	1.01	4.55	4.13	3.17	5.47	1.60	49.03
Plymouth	3.27	1.03	6.16	2.34	5.57	1.99	4.29	2.97	1.76	3.09	3.36	1.04	36.87
Princeton	9.89	1.57	10.49	3.89	2.48	2.72	1.53	1.40	3.30	3.68	4.60	1.81	47.36
Richmond	7.64	1.63	12.89	4.07	2.67	3.21	4.58	2.27	2.58	3.16	4.13	0.38	49.21
Rochester	5.67	0.80	5.53	3.08	5.40	0.58	5.50	4.46	2.70	3.53	5.90		
Rockville	6.73	0.93	8.35	2.84	1.26	2.21	0.86	1.87	3.38	3.96	5.10	0.97	38.46
Rome	12.20	2.74	8.48	2.25	2.15	2.95	1.62	4.71	4.43	4.34	5.64	1.81	53.32
Salamonia	8.93	2.17	12.20	5.58	1.97	2.96	7.12	2.81	2.96	4.06	3.23	1.10	55.09
Salem	11.50	2.16	9.35	3.07	1.78	3.08	2.12	1.26	3.35	3.96	5.02	2.24	48.89
Scottsburg	10.78	2.19	10.04	4.12	1.94	2.66	1.06	3.74	2.36	3.08	4.58	2.03	48.58
Seymour	9.70	1.86	10.82	4.49	1.60	2.53	1.14	4.44	2.39	2.99	4.07	1.43	47.46
Shelbyville	8.48	1.27	9.34	3.90	3.01	2.61	4.19	3.83	1.89	3.60	4.74	0.87	47.73
Shoals	9.64	1.90	13.14	4.76	1.73	0.65	2.53	1.91	2.77	3.03	3.79	2.00	47.85
South Bend	3.31	1.10	4.80	2.08	5.61	0.79	3.10	3.41	2.82	4.00	2.80	0.66	34.48
Terre Haute	7.71	1.33	6.62	2.17	1.44	1.06	0.91	2.65	3.78	4.01	6.51	0.57	38.76
Veedersburg	6.41	1.14	8.28	2.81	1.43	2.02	0.82	1.86	3.79	3.72	3.17	0.94	36.39
Vevay	11.55	2.85	9.55	4.80	3.15	3.75	3.75	5.00	4.40	3.60	4.50	1.15	58.05
Vincennes	11.35	1.50	12.95	4.30	1.70	1.50	3.25	2.05	4.40	3.55	6.10	2.50	55.15
Washington	10.81	1.01	11.99	4.70	1.02	1.18	1.16	1.42	3.72	3.57	5.73	1.55	47.86
Whitestown	7.57	1.29	8.93	4.12	2.28	3.14	3.60	4.03	1.56	3.25	3.54	1.21	44.52
Whiting	1.68	2.13	3.82	2.04	5.59	1.10	4.58	1.96	1.14	2.69	1.20	0.27	28.20
Winona Lake	5.81	1.05	6.91	2.90	4.11	1.02	4.85	2.93	2.49	3.41	2.35	0.56	38.19
Worthington	8.40	1.50	10.13	4.17	0.56	0.84	2.24	1.68	4.26	3.30	4.16	0.99	42.23
Iowa.													
Afton	1.23	1.10	1.96	2.94	6.51	3.89	0.94	1.28	3.41	3.48	2.44	2.27	31.45
Albia	0.92	1.20	1.85	2.37	5.82	4.48	0.11	3.22	2.46	3.22	0.55	0.90	27.10
Algona	0.20	0.82	2.24	4.35	9.04	2.52	3.11	2.76	3.54	3.13	0.52	T.	32.23
Allerton	1.03	0.98	2.67	3.40	4.30	4.52	0.25	0.99	1.21	5.34	1.40	1.95	28.04
Alta	0.20	0.72	1.79	5.10	6.84	0.79	2.27	1.53	3.03	3.40	0.50	0.17	26.34
Alta (near)	0.25	0.62	1.70	4.68	6.84	0.74	3.47	1.68	3.02	3.44	0.84	0.23	27.51
Alton	0.20	0.07	0.75	4.91	4.79	2.09	3.66	3.25	1.33	0.35	0.41	0.07	21.83
Amana	0.96	0.96	2.93	2.19	7.22	5.10	0.61	2.20	3.11	3.36	0.80	0.58	30.04
Ames	1.11	0.48	3.32	4.15	7.74	1.74	1.95	2.72	1.82	1.71			
Atlantic	0.89	0.69	3.35	3.29	6.82	3.10	0.49	1.49	3.75	1.78	1.28	1.53	28.46
Audubon	0.93	0.69	1.23	3.20	6.37	1.07	1.88	5.65	5.04	0.97	1.36	1.54	30.83
Baxter	0.72	0.48	3.66	3.07	5.55	3.39	0.82	2.14	3.69	3.36	0.78	0.98	28.64
Bedford	0.83	1.00	2.69	2.37	4.66	3.10	3.38	0.71	3.21	3.03	2.18	2.33	29.47

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Iowa—Continued.													
Belle Plaine	1.15	0.70	3.15	2.26	7.11	5.05	0.36	1.95	3.27	4.49	0.92	0.74	31.15
Belmond	0.63	0.47	2.96	3.35	6.39	1.11	2.60	2.24	3.83	2.86	0.94	0.43	27.81
Bloomfield	1.30	.....	3.64	4.13	5.32	4.68	0.41	1.47	2.69	5.61	1.40	1.46	.....
Bonaparte	1.02	1.60	1.86	3.53	5.67	3.96	0.52	2.88	4.03	3.01	0.86	1.11	30.05
Boone	0.36	0.34	1.83	3.47	6.40	1.60	1.99	3.11	3.15	2.18	.....	.....	.....
Britt	0.06	0.19	2.07	3.21	10.25	2.12	4.26	2.55	4.09	2.25	0.60	0.02	31.67
Buckingham	0.51	0.30	3.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burlington	1.70	1.68	1.87	3.25	4.22	2.43	0.18	2.41	1.54	3.13	0.89	2.89	26.19
Carroll	0.90	0.50	1.91	3.15	7.63	2.28	2.70	3.01	4.50	1.11	0.95	1.29	29.93
Cedar Rapids	1.12	0.51	2.91	1.12	6.03	4.43	0.46	2.81	4.48	3.18	0.53	0.90	28.48
Centerville	0.99	1.32	1.40	3.61	4.37	5.71	0.55	1.16	2.85	4.60	1.26	2.20	30.02
Chariton	0.80	0.73	1.32	2.92	4.15	3.63	0.55	2.15	1.15	5.52	2.84	1.29	27.05
Charles City	0.27	0.91	3.91	2.00	5.53	2.21	2.82	3.67	3.48	4.05	1.01	0.30	30.16
Clarinda	1.15	0.87	2.87	2.91	5.77	4.09	3.24	0.51	7.44	2.75	1.17	4.73	37.50
Clear Lake	0.28	0.60	1.32	1.48	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clinton	1.10	1.92	2.87	1.96	7.07	4.62	1.79	1.77	3.09	3.56	2.38	0.17	32.30
Columbus Junction	1.02	1.49	2.11	2.62	5.74	6.13	0.34	2.31	2.56	3.59	0.85	0.53	29.29
Corning	1.38	0.90	3.97	3.80	9.24	3.37	1.37	3.30	4.66	5.00	3.49	4.70	45.18
Corydon	0.79	1.11	2.21	3.68	4.55	3.64	0.91	1.48	1.57	7.29	1.26	2.24	30.73
Council Bluffs	1.20	0.96	3.12	3.91	5.37	5.01	2.62	1.06	5.46	2.04	.....	.....	.....
Creston	0.80	0.60	2.23	2.46	6.76	4.44	0.74	1.31	3.06	4.15	1.11	3.14	30.80
Cumberland	0.90	0.70	1.97	2.10	7.61	4.12	0.11	2.25	4.71	6.27	0.87	1.71	33.32
Davenport	1.04	1.57	1.99	2.19	1.89	6.09	0.18	2.06	1.80	3.01	1.26	0.54	26.62
Decorah	1.22	0.67	4.74	1.65	5.67	1.80	4.67	1.28	3.50	5.23	2.14	0.39	32.96
Delaware	0.66	0.52	3.28	1.52	7.67	2.41	1.40	2.12	4.67	2.65	.....	.....	.....
Denison	0.50	0.55	1.39	3.39	6.73	1.61	2.43	4.82	3.04	1.90	0.88	1.08	28.32
Des Moines	1.10	0.65	3.03	3.41	5.06	3.52	1.05	3.44	2.65	2.67	1.03	1.05	28.06
Dubuque	1.11	0.82	2.81	1.70	8.20	1.92	2.31	3.60	3.59	2.92	1.23	0.34	30.55
Earlham	2.01	1.15	3.00	2.80	5.91	2.78	1.66	4.30	2.47	2.62	1.54	1.40	31.64
Elkader	0.77	0.73	3.28	1.95	6.13	1.85	3.05	3.25	4.42	3.69	1.69	0.74	31.55
Elliott	1.05	0.60	3.03	2.72	6.12	6.65	2.72	0.64	5.58	1.62	1.38	2.40	34.51
Elma	0.23	0.88	3.09	2.01	5.48	1.86	3.93	2.05	3.00	3.70	1.41	0.51	29.05
Estherville	0.30	0.50	1.80	4.75	5.17	3.90	3.65	3.00	3.38	0.90	0.85	0.20	28.40
Fairfield	0.92	1.62	2.60	3.22	5.65	4.49	0.06	3.78	2.17	4.78	0.76	0.97	31.02
Fayette	1.00	0.61	3.32	1.84	7.44	1.70	3.43	2.34	4.74	3.26	1.29	0.53	31.50
Forest City	0.35	0.80	2.08	3.44	7.36	2.73	3.54	2.80	4.52	2.75	0.67	T.	31.04
Fort Dodge	0.60	0.50	0.80	4.23	5.91	1.78	2.37	4.28	5.78	3.28	0.77	0.80	31.10
Fort Madison	1.30	1.23	1.88	4.47	6.04	4.17	T.	1.94	1.78	1.57	1.94	1.43	27.75
Gilman	1.01	0.50	2.62	2.53	4.91	.....	.....	.....	3.28	4.77	1.17	0.75	.....
Greenfield	1.18	0.52	3.58	2.83	6.30	4.58	1.22	1.94	3.79	3.18	1.75	1.70	32.57
Grinnell	2.05	0.73	3.16	3.94	5.28	8.94	0.47	2.23	2.83	6.09	1.30	0.53	37.55
Grundy Center	1.30	0.75	3.55	3.16	6.40	2.24	1.91	2.11	3.77	3.51	1.64	0.80	31.14
Guthrie Center	0.74	0.82	2.46	3.60	6.11	3.24	1.71	2.83	3.19	2.14	0.95	1.56	29.35
Hampton	0.90	0.87	3.43	3.17	8.04	2.39	2.34	2.36	5.21	5.13	1.20	0.40	35.44
Harlan	0.64	0.65	2.16	3.44	7.63	1.65	1.82	2.22	5.00	1.19	0.88	1.82	29.10
Humboldt	0.52	1.01	1.43	3.35	5.56	1.12	2.57	.....	.....	.....	0.81	0.17	.....
Independence	1.38	0.41	3.70	1.48	6.21	1.38	1.84	7.66	4.58	4.28	2.31	1.00	30.23
Indianola	1.45	0.88	2.16	3.93	5.64	6.25	0.09	4.39	1.89	3.10	1.08	0.61	31.47
Inwood	0.11	0.86	0.80	7.43	6.00	3.76	2.85	0.91	1.00	1.36	1.64	0.12	26.84
Iowa City	1.19	1.42	2.69	1.83	6.91	6.28	0.39	2.97	3.19	3.66	0.46	1.02	32.01
Iowa Falls	1.14	1.12	3.16	2.89	6.06	1.66	2.07	4.49	6.01	3.49	0.75	0.82	33.66
Jefferson	0.54	0.72	1.62	3.21	8.73	.....	.....	.....	5.02	2.42	0.93	1.03	.....
Keokuk	1.04	2.39	2.82	2.62	3.87	4.15	0.09	1.63	1.42	1.43	2.22	1.35	25.03
Keosauqua	1.00	1.62	2.53	3.97	4.93	4.07	0.06	3.80	3.83	4.22	0.24	1.63	31.90
Knoxville	0.90	0.95	2.46	3.70	.....	5.36	0.20	.....	1.48	.....	.....	.....	.....
Lacona	1.42	0.63	3.41	2.33	4.01	8.95	0.05	1.93	1.15	4.28	1.92	2.22	32.30
Lake Park	.....	0.30	1.10	4.46	5.89	2.25	2.25	5.24	3.91	0.62	0.20	0.00	.....
Lamoni	0.54	1.19	1.03	.....	3.14	3.63	1.32	2.19	2.98	4.97	2.33	3.39	.....
Lansing	.....	0.70	3.24	1.22	6.15	2.57	6.23	3.06	.....	.....	.....	0.46	.....
Le Claire	0.95	1.58	2.64	2.08	5.61	4.54	0.83	2.86	2.10	3.96	0.52	1.49	29.16
Le Mars	0.04	0.72	0.93	5.51	6.50	1.18	1.80	1.65	1.16	0.50	0.30	0.15	20.44
Lenox	0.83	0.91	1.46	2.47	5.73	3.74	0.78	0.97	3.98	3.31	2.51	2.39	29.08
Leon	0.68	0.70	2.34	3.22	6.08	4.30	1.20	2.01	2.17	6.21	1.35	2.59	32.85
Little Sioux	0.84	0.89	2.08	3.21	5.60	.....	3.38	1.94	3.74	2.05	0.87	1.35	.....
Logan	0.78	0.67	2.58	4.12	9.34	2.11	1.84	1.55	4.02	1.70	1.32	1.56	31.59
Marshalltown	1.13	0.96	5.88	3.01	6.18	2.12	1.10	2.85	3.44	3.24	0.82	1.37	32.10
Mason City	0.21	0.48	.....	1.48	6.26	2.67	2.61	3.26	3.69	1.73	0.79	0.04	.....
Monroe	1.03	0.24	1.55	4.31	6.51	4.97	0.31	3.89	3.22	4.97	0.88	0.60	32.48
Mount Ayr	0.55	0.60	2.28	2.78	4.23	4.73	1.18	1.36	2.66	3.72	2.74	2.44	29.27
Mount Pleasant	1.21	1.66	2.53	3.57	6.51	4.08	0.18	3.10	2.02	3.60	0.78	1.11	30.35
Murray	0.63	0.43	2.30	3.66	6.05	4.95	0.89	2.06	2.90	3.07	1.47	1.91	30.32
Muscatine	0.58	1.86	1.97	2.30	6.43	7.31	0.29	3.03	2.63	3.29	0.24	0.97	30.90
New Hampton	0.82	0.72	4.88	2.24	5.53	2.71	3.82	2.57	3.45	.....	1.47	0.37	.....
Nora Springs	0.57	0.78	4.99	2.91	7.55	3.08	3.34	4.92	5.60	3.29	2.12	0.23	39.38
Northboro	0.37	1.08	2.09	2.77	6.81	3.01	1.41	0.65	3.75	2.97	1.62	3.54	30.07
Northwood	0.37	1.60	3.37	2.10	6.93	4.46	2.96	3.55	3.32	2.57	0.53	0.06	31.82
Odebolt	0.22	0.57	1.39	4.27	6.51	1.91	2.60	2.23	3.23	2.61	0.76	0.56	26.86
Olin	1.25	0.40	2.70	1.45	8.29	3.75	1.15	2.70	3.40	3.48	1.10	0.60	30.27
Onawa	0.70	0.85	3.28	4.19	5.87	2.75	2.04	3.28	3.46	1.55	0.72	1.63	30.32
Osage	0.50	0.60	3.17	1.94	7.18	2.92	3.41	4.40	40.5	2.60	1.44	0.24	32.45
Oskaloosa	0.89	0.81	2.24	1.92	4.95	5.87	0.06	3.95	2.67	2.88	0.51	0.74	27.49
Ottumwa	1.54	1.62	2.27	2.08	6.61	0.90	T.	4.11	.....	3.71	.....	.....	.....
Pacific Junction	0.65	0.76	2.83	4.00	4.68	4.48	0.40	0.83	4.20	1.95	1.49	3.15	29.42
Pella	0.97	0.66	2.35	2.88	7.84	4.42	0.25	3.95	2.72	5.28	1.43	0.79	33.54
Perry	1.42	0.92	2.12	2.98	6.45	1.67	1.11	4.09	1.70	2.37	1.05	1.11	26.99
Pocahontas	0.29	0.66	2.20	5.35	6.25	0.99	2.13	5.80	3.93	1.63	0.82	0.05	30.08
Postville	0.76	0.56	3.91	1.71	6.41	2.45	3.80	3.53	4.59	4.23	2.42	0.47	34.84
Rock Rapids	.....	0.40	0.74	4.64	4.57	.....	.....	1.21	0.45	0.55	1.33	0.00	.....
Rockwell City	0.70	0.60	2.10	4.05	9.45	2.70	2.60	4.25	7.15	1.60	1.60	1.10	37.80
Sac City	0.55	1.30	1.40	3.55	7.75	1.30	2.10	2.22	4.29	1.55	0.98	0.40	27.39
St. Charles	1.23	0.81	2.29	4.15	6.06	7.79	0.13	4.51	2.81	3.87	1.58	1.64	36.87
Sheldon	0.06	0.25	0.97	4.37	5.00	3.55	.....	.....	.....	.....	.....	.....	.....
Sibley	0.13	0.24	1.24	5.13	6.35	3.42	2.82	2.07	2.01	0.09	1.16	0.05	25.29
Sigourney	0.79	0.90	.....	3.62	5.95	6.53	0.96	2.93	2.58	2.31	0.66	0.37	.....
Sioux Center	0.25	0.65	1.73	6.95	4.82	2.89	2.64	1.09	1.34	0.41	0.79	0.02	23.58
Sioux City	0.21	0.81	1.43	5.50	4.71	0.75	1.92	1.88	1.13	0.76	0.61	0.60	20.31

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Iowa—Continued.													
Spencer	0.25	0.65	1.25	5.27	.....	1.60	2.76	5.71	2.78	.....	0.77	0.08	.....
Stockport	0.93	1.80	1.85	4.25	5.27	4.02	0.29	2.82	2.66	3.45	0.88	0.92	29.14
Storm Lake	0.36	0.72	1.92	5.29	7.06	1.15	1.81	1.52	3.83	2.93	0.59	0.01	27.09
Thurman	0.54	0.89	2.96	4.48	6.44	4.36	1.16	0.08	3.86	1.50	1.87	3.83	31.97
Tipton	1.31	1.12	3.22	1.35	8.00	5.48	0.61	1.79	3.46	3.35	1.42	0.51	31.62
Toledo	1.30	0.98	2.85	2.16	5.45	2.90	0.54	2.58	2.78	5.22	1.35	0.91	29.03
Wapello	0.47	0.63	1.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1.07	1.50	2.88	2.51	5.50	6.09	0.13	3.87	2.79	3.49	0.41	0.32	30.56
Washta	0.15	0.65	1.92	6.59	8.31	1.78	2.53	3.35	3.98	0.98	0.40	0.25	30.89
Waterloo	0.57	0.63	3.30	1.42	6.91	1.61	2.10	2.40	3.90	4.11	1.20	1.01	29.16
Waukee	0.91	0.41	3.53	3.30	4.64	3.04	2.41	1.93	2.67	2.39	0.93	1.12	27.28
Waverly	0.70	0.50	3.22	.....	7.56	.....	.....	.....	.....	.....	.....	.....	.....
Webster City	0.55	0.55	1.73	4.23	4.99	1.71	2.92	4.07	2.71	3.45	0.87	0.60	28.38
West Bend	0.17	0.81	2.24	3.46	6.98	1.76	2.55	6.99	3.52	1.54	0.64	0.05	30.71
Whitten	.....	0.70	3.37	2.01	6.24	3.19	2.38	3.03	4.06	4.44	1.89	0.27	.....
Winterset	1.50	0.90	1.52	3.56	6.28	3.57	0.63	7.13	2.69	4.22	2.24	1.63	35.87
Kansas.													
Abilene	0.14	0.98	0.28	1.68	2.10	0.94	0.38	T.	5.94	1.81	1.60	3.16	19.01
Agricultural College	0.75	2.25	0.56	2.96	7.18	1.55	0.17	0.65	5.69	2.61	1.92	3.84	30.13
Alden	0.28	1.22	0.18	1.51	1.91	3.17	1.51	0.34	2.85	2.12	1.72	2.81	19.02
Alton	0.25	0.82	0.10	2.14	0.75	2.21	0.35	T.	2.15	0.96	1.37	2.55	13.65
Anthony	0.20	1.69	0.34	0.90	0.50	1.47	2.17	0.02	7.19	1.56	1.36	2.72	20.12
Ashland	0.27	1.50	0.54	2.39	0.69	4.65	1.00	0.66	5.45	0.65	4.82	2.18	24.80
Atchison	0.47	1.60	2.09	4.41	6.02	2.65	0.65	0.94	3.76	4.33	1.94	3.54	32.40
Beloit	0.17	0.49	0.58	2.29	4.72	4.43	T.	0.18	3.38	0.72	1.92	3.36	22.24
Blakeman	0.35	0.52	0.85	1.40	0.90	1.82	0.64	1.61	2.35	0.35	0.51	3.82	15.12
Blue Rapids	0.75	0.83	1.08	2.51	4.26	2.57	0.30	0.21	3.53	1.85	2.40	3.64	23.93
Burlington	0.51	3.86	1.72	0.74	4.91	4.08	1.08	0.10	3.95	4.24	1.31	3.79	30.29
Cawker City	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.20	1.58	4.38	.....
Centralia	0.90	1.25	0.96	2.87	4.05	1.41	0.36	0.06	4.53	2.35	1.20	4.53	24.47
Chanute	1.18	5.06	2.09	1.34	3.26	0.87	2.89	0.53	4.32	1.58	2.78	2.60	28.50
Chapman	.....	1.20	1.37	.....	.....	.....	.....	.....	.....	.....	.....	3.27	.....
Cimarron	0.40	1.40	0.13	1.68	0.63	3.51	0.36	0.29	4.53	0.25	1.82	2.54	17.54
Clay Center	0.50	1.85	0.85	2.77	5.30	2.18	0.00	0.03	4.26	1.80	1.03	3.33	23.90
Coffeyville	1.16	2.71	5.18	1.01	4.91	1.23	.....	.....	.....	.....	.....	.....	.....
Colby	0.65	0.53	0.93	2.35	5.07	2.85	0.59	0.62	2.69	0.29	0.56	4.36	21.49
Coldwater	0.10	0.87	0.50	1.29	1.65	4.47	0.91	0.09	7.47	0.48	3.64	1.41	22.88
Columbus	2.08	3.46	5.45	1.75	3.58	0.68	0.76	0.58	6.98	3.93	1.06	3.43	33.74
Concordia	0.55	1.30	0.41	2.46	5.70	2.76	0.15	0.30	3.03	1.19	1.90	3.91	23.66
Coolidge	0.20	1.88	0.24	1.71	0.38	3.46	1.70	0.00	2.77	0.05	0.69	1.94	15.02
Cottonwood Falls	0.15	2.60	0.95	1.42	4.37	2.09	1.66	0.06	2.17	4.55	1.46	3.74	25.22
Council Grove	0.09	1.54	0.76	1.73	4.40	2.32	0.84	0.11	5.20	5.28	1.89	3.51	27.67
Cunningham	0.30	.....	0.27	0.90	2.62	4.45	0.50	0.30	4.78	2.40	1.99	3.81	.....
Densmore	0.10	0.60	0.41	1.81	1.30	2.88	0.73	T.	2.38	0.75	0.89	5.18	17.03
Dodge City	0.28	0.68	0.23	2.12	0.81	2.02	0.70	0.72	5.40	0.30	2.14	1.88	17.28
Dresden	0.35	1.07	0.86	3.77	2.91	2.20	0.49	0.26	3.12	0.26	0.67	4.46	20.42
Eldorado	0.29	3.00	0.92	1.78	1.32	1.69	1.04	0.27	3.76	2.97	2.14	3.49	2.67
Ellinwood	0.26	1.38	0.48	1.05	2.64	4.91	0.65	0.25	5.18	1.32	1.58	3.21	22.91
Ellsworth	0.61	1.84	1.86	1.42	2.16	1.16	0.13	0.54	4.75	1.12	1.46	4.12	21.17
Emmett	0.45	1.22	0.62	1.71	5.58	1.59	0.17	1.03	3.48	2.31	1.28	3.82	23.26
Emporia	0.37	2.88	1.27	1.77	7.45	1.13	3.55	0.02	3.41	5.59	1.86	4.07	33.37
Enterprise	0.27	1.03	0.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eskridge	0.39	5.69	1.83	2.44	6.37	2.00	1.28	0.07	6.50	9.12	3.43	5.07	44.19
Eureka	0.53	3.70	0.57	1.80	3.02	1.31	1.97	0.98	5.97	4.78	2.84	4.77	32.24
Fall River	0.65	3.82	1.00	0.75	.....	0.25	2.92	T.	3.33	3.38	2.50	4.02	.....
Fargo	0.40	0.50	0.30	1.42	1.01	1.46	2.38	0.53	2.91	0.24	2.61	1.84	15.60
Farnsworth	0.23	0.45	0.12	1.99	1.75	3.21	0.50	0.31	3.64	0.11	0.93	3.29	16.53
Fort Scott	1.54	2.30	3.38	3.22	4.16	1.33	8.28	0.87	2.24	4.73	1.27	3.84	37.16
Frankfort	0.80	1.51	0.90	2.67	3.90	2.14	0.90	0.54	4.14	1.64	0.98	4.13	24.05
Fredonia	0.74	2.19	1.93	0.97	3.84	0.99	2.49	1.12	3.46	3.80	2.61	3.32	27.46
Garden City	0.15	1.15	0.50	1.05	1.42	3.28	1.14	2.00	5.21	0.23	1.19	2.42	19.74
Garnett	0.98	3.27	2.27	1.43	5.61	4.07	2.66	0.77	1.59	3.03	1.34	3.24	30.86
Goodland	0.50	0.90	0.63	2.31	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grainfield	.....	.....	.....	.....	.....	.....	.....	.....	3.69	0.33	0.58	3.52	.....
Greensburg	0.20	1.90	0.03	2.50	1.13	1.54	.....	0.59	4.47	0.62	3.07	2.68	.....
Grenola	0.73	2.78	1.07	0.90	2.39	2.15	1.42	0.37	3.29	3.12	2.08	4.54	24.84
Hanover	0.20	1.60	0.46	2.43	4.66	1.88	0.04	1.14	3.29	2.64	2.03	3.54	23.91
Harrison	0.78	1.44	0.87	2.46	3.54	2.62	0.94	T.	2.88	0.54	2.00	4.36	22.43
Hays	0.36	0.68	0.41	2.78	5.72	3.53	0.63	0.11	4.80	0.25	0.72	3.11	23.10
Hill City	0.20	1.10	0.10	2.23	0.91	1.93	0.82	1.01	2.55	.....	0.76	4.80	.....
Holton	.....	.....	0.97	1.81	3.95	2.45	0.06	0.87	3.87	3.43	1.79	4.46	.....
Horton	0.59	1.44	2.67	2.66	5.09	3.31	0.51	0.40	5.79	2.14	1.33	3.87	29.80
Howard	0.73	3.07	1.14	0.76	3.14	1.32	2.79	1.75	3.21	3.68	2.46	4.01	28.06
Hoxie	0.30	0.70	0.30	1.93	1.45	2.71	0.38	0.53	3.06	0.07	0.68	4.26	16.37
Hugoton	.....	.....	.....	.....	1.07	3.17	1.69	0.43	3.48	0.12	2.99	2.09	.....
Hutchinson	0.75	3.49	1.57	1.24	3.54	2.03	1.30	0.01	5.04	.....	1.79	3.88	.....
Independence	1.25	2.84	2.56	1.18	7.10	2.75	1.48	0.85	4.43	4.49	3.01	4.18	36.12
Iola	0.85	2.93	2.13	1.30	3.35	4.26	2.30	0.15	3.12	3.70	1.67	3.98	29.74
Irene	0.15	1.55	0.10	2.29	0.47	4.56	1.12	0.70	2.14	0.02	0.94	2.27	16.31
Jetmore	0.16	0.47	0.05	2.73	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kingman	0.54	1.81	0.44	0.88	5.18	3.24	0.90	0.66	3.25	1.71	1.53	2.88	23.02
La Crosse	0.08	0.28	0.16	1.42	1.54	2.49	0.98	1.31	4.40	0.80	1.92	3.09	18.47
Lakin	0.17	0.80	T.	0.96	0.10	1.82	1.12	T.	2.64	T.	0.55	1.28	9.44
Larned	0.32	1.05	0.15	1.90	0.94	4.21	0.51	0.58	4.04	0.76	2.18	3.10	19.74
Lawrence	0.45	2.68	1.43	1.84	5.91	7.58	1.67	2.50	3.27	5.76	2.30	3.27	38.66
Leavenworth	0.30	0.52	0.88	3.18	5.80	1.66	2.07	0.49	4.03	5.93	2.55	3.75	31.16
Lebanon	0.40	0.85	0.66	2.15	3.07	3.12	1.15	0.02	1.73	.....	2.20	4.86	.....
Lebo	0.46	3.10	1.45	1.52	6.54	2.60	1.58	0.10	2.48	4.49	1.55	3.56	29.43
Lenora	.....	.....	.....	.....	1.97	2.45	0.88	0.31	3.32	0.34	0.86	4.94	.....
Leoti	0.04	0.28	0.03	1.73	0.99	1.94	1.23	0.58	2.54	0.10	0.54	2.79	12.70
Le Roy	0.66	3.47	1.22	1.26	4.78	1.07	3.59	0.74	2.74	3.63	1.26	3.26	27.68
Liberal	0.30	1.16	0.05	1.83	1.20	1.34	1.72	1.19	3.46	0.38	3.22	2.17	18.02
Lincoln	0.35	1.12	0.12	1.79	1.54	1.51	0.15	0.29	3.24	1.26	1.18	4.06	16.61
Lindsborg	0.34	1.29	.....	1.23	2.39	1.87	0.83	0.62	4.94	1.83	2.11	2.69	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Kansas—Continued.													
McCracken	0.20	0.71	0.41	2.81	2.53	1.82	0.78	0.21	6.76	0.43	1.07	4.24	21.97
Macksville	0.70	1.20	0.24	1.32	0.99	1.64	0.42	1.02	5.06	1.25	1.77	3.16	18.77
McPherson	0.92	2.32	0.77	1.50	2.28	0.94	1.25	0.42	7.09	2.81	2.23	4.52	27.05
Madison	0.40	4.11	0.62	1.10	4.43	2.84	1.26	T.	2.76				
Manhattan	0.65	1.68	1.14	3.33	7.69	1.34	0.33	0.82	5.52	2.76	1.83	3.00	30.09
Marion	0.33	1.37	0.43	1.37	5.03	0.71	0.69	0.55	4.85	5.10	1.98	4.68	27.09
Medicine Lodge	0.14	1.12	0.42	0.78	3.09	3.12	1.90	1.34	5.29	1.01	1.84	2.27	22.32
Minneapolis	0.37	1.36	1.42	2.43	2.24	2.87	2.34	0.49	3.65	0.98	1.21	3.64	23.00
Minneola	0.40	1.56	0.27	1.78	0.78	4.24	1.44	0.33	6.39	0.10	2.54	2.23	22.06
Moran	0.98	2.62	1.92	1.57	3.61	1.96	4.51	0.37	4.98	3.96	1.86	3.54	31.88
Mount Hope	0.20	2.08	0.04	0.61	2.99	2.08	1.07	0.26	3.11	2.11	1.73	3.01	19.29
Neosho Rapids	0.16	2.70	1.42	1.19	8.57	0.95	2.61	T.	2.75	4.62	2.35	3.75	31.07
Ness City	0.25	0.65	0.13	2.61	4.35	1.11	0.56	0.12	5.22	0.42	1.24	4.37	21.33
Newton	0.29	1.97	0.20	1.07	5.27	2.17	0.92	0.06	3.30	3.58	2.38	3.92	25.13
Norton	0.20	0.85	1.11	2.58	1.15	4.86	0.57	T.	2.19	1.08	0.71	4.85	20.15
Norwich	0.38	2.13	0.19	0.95	1.63	2.15	1.74	0.28	5.03	1.69	1.20	3.62	20.99
Oberlin	0.37	0.88	1.53	3.73	2.76	1.49	0.32	0.77	2.17	0.83	0.74	5.49	21.08
Oketo	0.28	0.72	0.89	3.37	3.74	2.36	1.49	0.32	4.20	2.47	1.37	3.76	24.97
Olathe	0.63	2.72	2.41	3.06	3.86	1.90	0.98	0.38	1.76	4.23	2.45	3.55	27.93
Oskaloosa	0.46	2.20	2.27	2.46	4.78	2.22	0.71	0.34	3.86	4.66	1.40	4.07	29.43
Oswego	1.57	3.20	4.41	2.50	4.50	0.56	1.30	0.16	7.05	3.70	1.60	4.37	34.92
Ottawa	0.67	3.39	2.06	1.82	6.35	2.20	1.98	0.71	1.83	2.66	2.05	2.48	28.20
Phillipsburg	0.20	1.15	0.59	2.80	2.04	3.27	1.34	0.02	3.30	1.05	1.47	5.29	22.52
Pittsburg					3.30	1.00	1.27	0.35	2.70	3.83			
Plains	0.30	1.10	T.	1.75	1.12	4.38	2.53	0.63	3.32	T.	3.07	1.31	19.51
Plainville	0.20	0.49	0.13	3.50	0.44	1.76	0.74	0.07					
Pleasanton	1.13	2.91	3.07	1.54	4.22	2.40	2.58	0.05	2.55	3.63	3.17	3.24	30.49
Pratt	0.40	2.70	0.95	0.88	1.29	2.79	0.92	T.	4.47	0.88	2.51	3.22	21.01
Quenemo	0.60	2.91	1.46	2.15	4.90	2.55	1.57	0.04	2.20	4.44	1.73	4.11	28.66
Republic	0.60	1.60	1.15	2.01	4.98	2.59	0.22	T.	4.47	1.29	2.22	4.05	25.18
Richfield	0.50	1.37	0.35	1.14	0.69	1.75	1.54	0.34	2.96	0.89	1.68	2.37	15.58
Rome	0.34	3.24	0.99	1.28	2.25	3.22	2.12	0.20	5.40	2.22	1.73	4.01	27.00
Russell	0.30	0.53	0.18	3.69	1.78	4.62	0.20	0.22	3.74	1.07	0.65	2.78	19.76
Russell Springs								0.43	2.78	0.08	0.63	3.81	
St. Francis	0.23	0.40	0.52	1.63	0.66	2.66	2.19	0.53	2.45	0.03	0.20	3.12	14.62
Salina	0.61	1.75	0.64	1.60	1.83	1.79	0.28	T.	5.61	1.83	0.99	3.92	20.85
Santa Fe										0.06	2.28	1.61	
Sedan	1.09	2.72	1.99	0.96	5.02	1.54	2.27	0.86	4.87	4.20	3.18	4.82	33.52
Scott	0.31	1.41	T.	2.19	0.98	1.54	2.22	0.35	4.05	0.10	0.34	2.98	16.47
Smith Center	0.17	0.53	0.63	2.76	1.88	4.06	0.86	T.	3.09	0.37	1.80	4.69	20.84
Topeka	0.50	2.75	1.34	2.73	4.46	3.38	1.57	1.56	5.98	6.16	1.31	3.56	35.30
Toronto	0.57	3.40	1.10	0.85	2.87	2.38	2.92	0.00	2.07	3.72	2.07	4.01	25.96
Tribune	0.25	0.79	0.25	1.34	1.69	3.97	3.02	0.25	2.70	0.07	0.35	2.08	16.76
Ulysses	0.35	2.10	0.20	1.21	0.18	3.53	0.45	0.82	3.10	0.41	0.74	1.78	14.82
Valley Falls	0.49	1.64	1.47	2.37	4.05	1.16	0.39	1.80	2.96	5.99	1.98	4.56	28.86
Vinland	0.57	2.66	2.21	2.88	2.88	2.29	1.58	0.14	3.20	6.20	1.76	3.48	29.85
Wakeeney	0.11	0.40	0.08	1.94	1.53	5.08	3.08	0.32	4.18	0.20	1.12	5.22	23.26
Wallace	0.06	0.37	0.23	0.78	1.33	1.10	0.33	0.31	1.40	T.	0.37	2.29	8.57
Walnut	1.37	3.29	3.16	1.36	4.93	0.38	2.08	1.25	2.66	4.59	2.44	3.61	31.12
Wamego	0.78	1.78	0.86	2.22	6.70	3.14	0.14	0.10	4.00	2.12	1.50	2.79	26.13
Wellington	0.40	2.64	0.70	1.36	1.75	1.29	4.20	0.95	4.12	1.91	1.55	3.25	24.12
Wichita	0.41	2.43	0.30	1.83	0.97	1.36	1.28	T.	3.52	4.18	1.73	3.93	21.94
Winfield	0.64	2.60	1.59	1.15	3.84	1.31	2.56	0.63	5.33	2.36	2.27	4.03	28.31
Yates Center	0.68	2.33	1.00	0.77	2.76	1.61	0.97	0.22	1.89	2.95	1.41	3.82	20.41
Kentucky.													
Alpha	11.76	4.42	9.70	2.71	2.57	4.74	4.20	5.80	2.12	3.30	2.08	2.22	55.62
Anchorage	10.84	2.47	7.15	2.39	1.43	3.29	2.62	4.81	2.22	3.74	4.53	1.85	47.34
Bardstown	13.99	2.92	6.18	3.40	3.06	4.49	0.71	3.00	2.97	3.85	4.76	3.30	52.63
Beattyville	10.24	3.78	9.70	3.04	4.04	5.78	2.32	2.36	3.06	2.86	2.54	3.96	53.68
Beaver Dam	13.85	2.99	6.74	1.58	0.87	1.58	2.18	1.05	1.50	3.22	2.34	1.90	39.80
Berea	9.84	2.28	8.96	2.34	3.40	3.30	3.76	4.72	2.15	3.40	2.97	3.58	50.70
Blandville	12.47	2.75	8.59	3.68	0.65	0.54	6.67	2.92	2.18	5.62	2.49	1.63	50.19
Bowling Green	12.76	4.19	8.27	1.18	1.55	2.86	3.62	3.06	3.10	4.05	1.32	2.96	48.92
Burnside	9.20	3.75	7.45	2.05	2.53	1.30	2.72	1.90	1.44	4.24	1.46	2.40	40.44
Calhoun	12.70	2.48	7.71	2.34	1.64	2.50	3.63	1.98	2.16	4.37	4.31	2.15	47.97
Catlettsburg	7.56	2.12	5.22	2.84	5.04	2.70	3.38	1.20	2.58	3.16	4.28	3.84	43.90
Earlington	11.97	2.50	6.82	2.77	0.70	2.19	3.45	0.57	1.57	3.68	1.96	1.47	39.05
Edmonton	14.77	4.44	7.34	3.29	3.31	4.53	2.10	3.77	2.11	2.47	2.29	2.88	53.30
Eubank	11.42	2.66	6.65	2.33	3.26	4.87	2.22	6.64	3.06	3.27	1.26	2.36	50.00
Falmouth	9.91	1.87	6.07	3.60	3.41	2.03	2.85	2.02	3.18	3.20	5.10	2.86	46.19
Farmers			5.37	2.01	4.84	1.61	2.97	2.49	3.70	2.77	3.35	1.73	
Frankfort	11.80	1.98	6.45	3.34	3.36	2.08	1.77	1.71	1.76	3.40	4.97	3.16	45.78
Franklin	14.81	4.88	8.43	1.61	1.08	2.20	2.78	3.12	1.58	4.34	0.83	2.59	48.25
Greensburg	12.32	3.65	8.11	2.52	2.93	4.14	0.70	2.99	2.47	2.89	3.18	2.64	48.54
Hazard										3.25	3.15	3.32	
High Bridge	10.51	2.70	6.23	2.66	5.15	2.59	0.94	2.52	1.27	3.96	2.83	3.41	44.77
Hopkinsville	14.53	4.32	6.17	2.52	2.18	0.52	2.52	1.80	2.46	4.93	1.92	1.75	45.62
Irvington	14.33	2.80	8.01	1.88	1.44	3.11	1.49	5.96	4.57	3.31	4.65	1.75	53.30
Jackson									1.90	3.46			
Leitchfield	13.26	3.40	6.16	1.90	1.59	4.17	1.07	2.73	1.95	4.94	4.00	2.04	47.21
Lexington	10.35	2.61	6.04	2.41	4.32	3.29	2.43	1.00	1.76	3.40	4.00	2.74	44.35
Loretto	10.29	2.22		4.10	4.57	3.02	1.53	2.66	2.31	3.30	3.81	3.40	
Louisa	7.35	1.72	7.44	3.19	3.75	1.83	3.93	2.28	1.98	3.18	4.55	3.17	44.37
Louisville (1)	9.91	2.09	7.70	2.11	1.07	4.55	1.48	2.09	1.85	3.84	4.32	1.21	42.22
Louisville (2)	10.66	2.24	7.55	2.34	2.20	5.68	1.49	3.35	1.93	4.26	4.40	2.29	48.39
Manchester									1.79	2.98	1.68	3.14	
Marion	13.27	3.74	6.84			0.95	2.24	2.24					
Maysville	11.19	1.70	4.91	3.05	5.18	1.76	3.20	1.49	3.46	2.41	4.44	3.24	46.03
Middlesboro	10.61	3.84	8.34	2.77	5.26	2.07	1.08	1.24	1.80	2.64	1.84	4.11	45.60
Mount Sterling	9.78	3.60	6.51	2.23	5.85	3.17	2.89	2.17	3.06	3.56	4.15	3.07	50.04
Owensboro	10.89	3.05	8.32	2.68	0.68	1.68	1.12	3.48	4.25	2.89	6.12	2.27	47.37
Paducah	14.68	2.88	8.81	3.43	1.92	0.40	5.78	6.03	2.65	3.88	2.32	1.61	54.29
Pikeville	5.01	2.70	3.92	2.09	3.35	3.20	5.10	2.66	3.50	3.20	1.66	3.26	39.65
Richmond	11.03	2.45	7.41	2.39	5.27	2.99	3.07	4.00	3.07	3.55	2.90	4.06	52.19
St. John	12.79	3.56	7.66	2.25	2.90	3.05	0.35	2.70	2.54	4.04	3.44	2.55	47.83

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Kentucky—Continued.													
Scott	10.33	1.61	8.73	4.10	2.48	3.61	2.62	2.55	2.74	3.41	4.29	1.87	48.34
Shelby City	10.89	2.77	7.50	2.56	2.64	2.25	1.37	2.31	1.63	2.67	2.40	3.44	42.43
Shelbyville	13.36	2.97	7.99	4.04	2.74	4.31	1.75	1.95	3.46	3.53	4.78	2.22	53.10
Taylorsville	12.95	2.42	6.90	2.82	1.82	2.90	1.59	1.27	3.16	4.19	4.65	2.79	47.46
Weeksbury										4.24	2.48	4.69	
Williamsburg	9.25	4.19	6.22	4.32	3.84	4.01	1.82	2.04	2.61	3.52	1.25	3.73	46.78
Williamstown	9.85	1.74	6.80	3.54	3.46	1.43	3.64	4.31	3.11	2.86	4.18	2.49	47.41
Louisiana.													
Abbeville	5.71	5.01	2.40	5.20	4.25	5.90	11.77	4.36	24.02	8.84	2.12	2.91	82.49
Alexandria	4.99	8.39	4.75	9.22	4.43	2.06	4.85	2.97	10.46	3.73	3.46	2.71	62.02
Amite	9.50	6.30	7.00	6.32	4.50	1.20	14.40	6.35	14.62	2.80	3.20	2.82	79.01
Angola									8.20	4.35	2.00		
Antioch	5.75	5.04	6.71	4.87	4.72	1.69	5.09	4.35	16.47	4.69	2.41	3.48	65.27
Avoca Island	4.83	3.25	1.59	3.18	3.74	5.02	14.14	5.49	11.32	6.70	3.03	2.72	65.01
Baton Rouge	5.57	3.88	6.62	4.13	5.91	3.66	6.01	4.30	8.84	5.93	2.21	3.51	60.57
Burnside	5.18	3.15	4.97	2.78	6.20	3.95	12.01	5.31	9.94	6.81	1.42	2.32	64.04
Burrwood	2.77	8.37	3.88	5.30	1.45	2.50	4.11	7.52	15.54	5.56	2.23	7.61	66.89
Cades	5.37	4.12	2.56	4.34	4.79	2.86	5.71	6.61	21.40	4.41	3.63	3.00	68.80
Calhoun	7.84	5.55	5.09	6.30	5.51	5.15	2.14	2.94	12.58	4.78	1.72	3.13	62.73
Cameron	2.76	1.45	1.55	7.82	4.68	2.68	5.93	4.38	17.40	6.99	1.45	3.15	60.24
Carrollton		2.28	5.89	5.43	7.17		10.15	9.30					
Cheneyville	5.08	3.98	3.15	10.35	2.61	3.01	2.54	2.91	20.15	5.11	3.25	4.05	66.19
Cinclare	7.70	3.60	5.44	4.05	5.52	5.50	8.17	5.35	10.68	5.64	2.00	2.90	66.55
Clinton	8.97	3.83	4.19	4.62	4.69	0.61	10.08	3.13	4.66	5.74	2.20	2.09	54.81
Collinston	6.45	7.09	4.52	5.78	3.69	5.35	8.72	2.27	13.01	3.86	4.97	3.22	68.93
Covington	6.59	4.26	8.72	9.35	5.22	2.54	6.12	2.77	10.22	4.92	3.97	2.83	67.51
Dodson	6.05	6.42	5.30	9.09	3.74	1.53	3.23	6.51	14.71	5.20	2.21	3.53	67.52
Donaldsonville	9.44	5.70	8.20	4.50	8.98	4.52	19.35	5.72	11.55	11.95	2.20	5.33	97.44
Dutchtown	5.88	1.88	2.88	2.78	7.31	1.81	8.99	3.28	11.97	3.50	1.84	2.70	54.82
Farmerville	8.12	5.42	6.13	5.79		2.18	8.13	3.29	13.97	6.20	1.17	3.83	
Florence	4.45	3.80	3.33	5.30	2.99	7.81	13.63	5.10	16.60	9.70	1.90	3.00	77.01
Franklin	5.13	3.17	0.88	3.97	5.33	4.86	14.14	6.92	15.50	8.50	2.71	3.21	74.32
Franklinton	7.45	5.31	7.56	5.90	8.12	0.89	9.97	6.41	10.07	2.23	2.93	2.72	69.56
Grand Cane	4.66	3.03	5.47	4.71	1.97	1.24	4.56	0.94	10.66	3.22	3.99	5.92	50.37
Grand Coteau	3.58	2.32	4.81	7.25	5.87	4.96	5.41	2.63	16.80	7.67	2.80	3.58	67.68
Hammond	7.15	2.97	8.35	3.20	10.10	5.93	5.97	5.70	12.10	3.25	3.03	2.55	70.30
Houma	5.30	3.00	3.55	2.15	2.75	7.50	7.90	7.15	10.66	5.85	3.75	3.05	62.61
Jeanerette									20.36	5.47	2.00	2.66	
Jena	6.83	8.87	4.28	10.52		5.18							
Jennings	5.06	2.16	1.96	7.97	2.65	5.52	5.66	3.87	13.32	5.70	2.47	3.38	59.72
Leark	6.22	7.35		6.61	3.95	2.57	3.70	2.45	7.55	3.04	3.00	1.43	
Lafayette	6.95	3.02	4.85	6.82	2.94	3.04	7.39	4.52	14.46	8.84	2.23	3.01	68.08
Lake Charles	0.50	5.03	2.60	5.29	4.47	8.30	6.35	10.68	17.22	6.36	4.05	2.70	74.05
Lakeside	6.25	1.87	1.65	7.70	4.40	4.77	15.87	6.97	21.75	5.81	1.88	2.41	81.33
La Rose (near)	3.47				2.50	2.44							
Lawrence	3.59	2.82	6.21	3.75	5.30	6.47	9.04	5.22	8.09	3.22	2.36	3.42	59.79
Liberty Hill	7.00	5.76	7.72	3.17	3.93	3.15	1.40	4.21	18.23	4.36	1.97	3.86	64.76
Logansport	4.41	3.60	5.34	4.73	5.34	1.80	3.49	1.02	16.14	3.20	2.93	5.59	57.79
Melville	5.20	2.77	6.27	3.90	5.89	1.69	3.70	1.96	9.13	6.63	2.02	3.76	52.92
Minden	6.12	3.87	5.93	5.33	4.94	1.89	4.39	6.49	12.65	3.97	3.34	4.19	63.11
Monroe	5.80	7.23	4.88	8.00	4.63	2.64	4.65	4.29	12.93	3.84	2.95	3.38	65.22
Morgan City	4.43	2.91	1.28	2.75	4.29	2.96	13.64	4.12	9.11	8.51	2.25	2.34	58.59
Napoleonville	7.75	3.35	3.02	2.60	3.35	11.15	11.85	4.45	12.70	2.37	0.50	2.85	65.94
Newellton	4.86	9.12	6.23	8.49	4.31	6.75	5.75	2.21	8.71				
New Iberia	7.31	4.56	1.62	4.28	7.62	4.00	12.40	5.40	20.93	5.12	2.30	3.17	78.71
New Orleans (1)	5.71	2.19	4.84	4.90	7.94	5.58	5.37	5.29	11.81	5.53	2.67	1.78	63.61
New Orleans (2)	5.88	2.19	4.69	5.48	7.29	1.69	9.28	6.85	13.89	4.18	2.35	2.14	65.86
Opelousas	4.76	2.40	3.98	9.24	5.11	2.24	6.98	2.36	14.79	6.52	2.75	3.89	65.02
Paradis	3.36	3.34	4.38	3.15	5.35	3.55	9.52	3.30	12.58	3.27	2.65	2.00	56.45
Pearl River	6.63	2.90	5.16	4.15	4.82	4.08	5.28	5.20	7.38	5.28	2.70	1.86	55.44
Plain Dealing	5.31	4.23	4.68	4.24	3.88	3.06	2.52	2.29	14.54	2.96	1.67	3.74	53.12
Rayne	7.31	2.67	4.14	5.70	4.96	2.27	4.33	5.37	16.56	9.29	2.90	4.31	69.81
Reserve	5.61	5.38	2.95	2.94	4.37	3.96	7.09	2.45	16.32	6.07	6.01	1.30	64.45
Richland Plantation	5.25	7.75	3.76	10.54	4.46	2.64	3.62	3.22	18.78	4.45	3.09	2.56	70.12
Robeline	5.25	5.88	10.00	11.00	3.73	4.78	1.80	4.91	15.90	1.77	2.32	3.75	71.09
Ruston	7.65	5.35	7.23	5.89	6.41	4.65	4.54	2.70	17.82	3.78	1.40	1.96	69.38
St. Francisville	7.89	2.48	5.02	5.90	6.02	2.93	10.30	2.53	7.13	5.87	2.73	3.28	62.08
St. Gabriel									9.06	2.26	2.50	3.00	
Schriever	5.10	2.95	2.65	2.18	4.00	4.15	13.45	8.20	6.85	9.15	3.50	2.50	64.68
Shreveport	4.21	3.95	4.81	4.17	3.11	3.23	0.70	1.89	16.46	2.95	2.22	4.28	51.98
Simmesport	11.10	4.43	4.62	8.41	4.27	4.13	6.05	1.83	8.43	5.13	3.00	3.25	64.65
Southern University Farm	5.70	3.05	5.06	7.50	4.28	3.50	4.09	3.19	12.51	3.80	2.05	2.21	56.94
Sugartown	7.99	6.35	3.15	9.57	6.85	4.44	3.30	5.97	21.50	4.87	5.36	4.16	83.51
Tallulah	5.96	6.24	5.85	5.30	2.28	0.69	2.77	2.00	9.80	3.25	0.76	3.03	47.93
Walker	7.00	2.86		4.00	9.50	4.00	9.14	2.40	8.74	3.64	3.25	2.36	
Maine.													
Bar Harbor	4.13	3.35	7.85	2.64	3.56	0.10	3.38	1.88	2.15	9.54	1.00	4.70	44.28
Cornish	2.84	2.45	6.20	2.83	4.21	0.93	2.12	1.91	3.63	7.67	3.48	3.76	42.03
Eastport	4.01	2.66	6.43	2.23	4.02	0.71	2.68	2.24	1.69	5.70	0.90	3.14	36.41
Fairfield	2.47	2.92	3.29		2.53	0.21	1.51	2.50	2.81	5.18	0.65	3.01	
Farmington	2.54	1.17	5.11	2.30	3.46	0.79	2.90	3.09	6.00	6.59	2.31	3.02	39.28
Gardiner	2.97	2.09	5.32	2.60	3.51	1.10	1.62	3.19	4.85	7.14	1.93	4.17	40.49
Greenville	2.15	1.52	5.29	2.54	3.01	1.82	5.01	2.80	4.30	7.64	2.98	4.10	43.16
Houlton	0.85	1.00	4.30	0.85	1.83	1.21	1.64	1.70	2.10	5.73	1.28	2.70	25.17
Levision	3.67	2.40	5.51	2.28	4.22	1.20	1.53	2.27	4.02	6.26	2.14	4.43	39.93
Madison	3.36	1.69	5.27	2.74	4.29	1.40	3.07	4.81	4.85	8.64	3.20	4.01	47.31
Millinocket	3.40	2.65	4.84	1.67	2.87	1.04	3.49	3.24	3.79	6.77	1.62	4.03	39.41
North Bridgton	3.23	2.31	4.23	2.31	4.71	1.40	2.03	2.47	4.16	5.69	2.78	2.96	38.28
Orono	2.80	2.06	4.42	3.57	3.15	1.38	5.86	3.15	4.42	7.35	3.39	2.87	44.42
Patten	3.40	2.60	3.14		3.64	1.64	4.00	4.29	1.65	7.18	0.20	2.14	
Portland	2.47	2.70	5.35	2.02	2.92	0.59	2.27	2.99	3.46	5.72	1.20	4.29	35.98
Presque Isle	2.69	1.28	3.28	1.41	3.53	1.20	5.18	3.01	2.01	3.99	0.71	3.59	31.88
Rumford Falls	2.38	1.48	5.01	2.91	3.68	1.08	2.65	2.46	4.12	6.86	2.69	2.65	37.97
Van Buren	2.83	1.98	2.72	1.42	3.86	2.37	3.53	2.71	2.72	3.14	0.62	3.87	31.77
Winslow	2.62	1.74	3.99	2.62	3.45	0.92	1.65	3.52	3.74	6.96	1.68	3.15	36.04

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Maryland.													
Annapolis	2.30	1.20	5.27	5.19	3.87	2.48	2.12	3.25	3.22	3.61	1.70	2.00	36.21
Baltimore	2.45	1.61	3.89	5.15	3.12	1.47	2.63	6.38	1.51	3.50	1.82	2.58	36.11
Cambridge	3.13	1.55	4.23	4.90	3.78	1.86	1.57	3.92	2.75	5.08	1.41	2.40	36.58
Cheltenham	2.21	1.47	4.72	6.18	6.07	1.81	1.54	3.89	3.35	4.29	2.47	1.69	39.69
Chestertown	4.49	1.34	6.04	6.88	3.88	2.63	1.47	4.06	1.90	5.83	1.90	2.10	42.52
Chewsville	2.89	1.23	6.99	3.63	2.98	1.64	2.43	2.69	3.23	.....	.....	2.90	.....
Clear Spring	2.77	1.40	5.81	2.19	5.22	2.47	3.83	2.47	2.54	.....	.....	2.89	.....
Coleman	3.19	1.61	5.34	7.11	3.53	1.33	2.16	4.15	2.14	3.88	1.82	2.23	38.49
College Park	2.72	1.60	4.49	5.95	4.82	1.92	1.44	5.92	2.23	3.11	1.78	2.31	38.29
Cumberland	2.40	0.61	3.02	1.96	6.07	3.16	2.42	2.24	2.06	6.45	2.88	2.45	35.72
Darlington	2.83	1.55	4.21	8.21	4.53	2.59	4.11	6.33	2.63	5.25	2.52	2.76	47.52
Deer Park	5.85	2.59	3.28	3.06	6.31	4.21	6.80	2.03	2.97	5.51	3.94	2.41	48.96
Denton	2.17	1.51	3.93	3.96	5.45	5.06	0.78	3.28	2.56	4.35	0.76	2.85	36.66
Easton	2.46	1.18	5.22	3.09	4.69	3.19	2.74	1.25	2.72	3.69	1.64	2.23	34.70
Emmitsburg	3.78	1.82	8.75	.....	3.53	.....	.....	.....	.....	.....	2.00	.....	.....
Fallston	2.38	1.92	5.29	6.26	3.97	1.82	4.73	4.05	2.24	5.30	2.60	2.90	43.46
Frederick	3.07	1.62	5.41	3.41	3.43	0.88	4.00	1.99	1.74	5.31	2.50	3.11	36.47
Frostburg	2.81	0.89	2.96	2.87	6.24	3.35	5.47	1.46	5.31	5.83	3.25	1.88	42.32
Grantsville	5.04	2.55	2.71	3.02	5.56	3.58	4.54	3.09	4.02	5.62	4.38	2.46	46.57
Great Falls	3.30	1.17	3.46	.....	5.23	1.82	3.01	4.10	1.78	3.76	2.49	2.75	.....
Green Spring Furnace	2.67	1.22	5.50	1.48	5.55	1.77	3.66	1.65	3.97	5.59	3.08	2.04	38.78
Keedysville	2.23	1.11	5.68	2.79	3.82	1.66	2.94	2.35	2.39	5.63	2.68	3.27	36.55
Lake Montebello	2.31	1.56	3.67	4.90	2.55	1.15	3.40	3.97	1.32	4.15	1.89	2.17	33.04
Laurel	3.71	1.49	4.49	6.16	5.94	1.81	2.85	6.87	1.60	3.83	2.20	2.90	43.85
Leonardtown	2.52	1.30	4.21	2.56	3.60	1.74	0.72	3.33	2.73	2.59	1.38	1.61	28.29
Monrovia	3.50	1.34	4.49	4.48	4.03	0.96	2.05	2.64	2.73	4.62	2.33	2.57	35.74
Oakland	5.53	1.33	3.15	2.86	7.90	4.10	4.92	2.90	2.25	5.68	4.21	2.96	47.79
Pocomoke City	3.81	1.47	2.78	3.32	2.18	3.21	1.91	6.52	4.39	5.02	0.69	1.82	37.12
Princess Anne	4.62	1.79	4.15	3.03	2.92	2.64	1.83	6.24	2.36	4.40	0.95	2.06	36.99
Rockville	2.60	1.28	4.49	4.88	5.66	.....	.....	.....	.....	.....	.....	.....	.....
Salisbury	4.49	2.00	4.11	2.63	2.18	2.70	1.49	4.40	2.82	5.41	0.83	2.15	35.21
Solomons	2.24	1.15	3.11	4.35	2.85	1.00	0.62	3.97	1.82	1.78	1.09	1.43	25.41
State Sanatorium	3.05	1.46	8.01	3.35	4.69	1.62	3.22	3.10	3.05	4.95	2.92	2.74	42.16
Sudlersville	3.57	1.53	4.44	7.28	2.66	3.34	1.50	6.05	4.01	5.14	2.10	2.82	44.44
Takoma Park	3.45	1.50	4.25	5.88	4.38	1.71	2.90	3.53	2.71	3.14	2.58	2.08	38.11
Towson	2.29	1.25	3.69	5.06	2.99	0.78	3.18	3.97	2.10	4.74	.....	2.61	.....
Van Bibber	3.11	1.23	5.11	5.99	3.78	2.29	3.24	5.37	2.40	5.40	1.99	2.62	42.53
Westernport	3.29	0.99	2.63	2.67	7.94	2.93	3.84	1.73	3.19	4.71	2.79	2.40	39.11
Westminster	2.81	.....	4.25	3.90	3.46	1.80	.....	.....	.....	.....	.....	.....	.....
Woodstock	2.83	1.49	4.88	5.04	2.87	1.50	3.19	7.65	1.67	3.24	2.10	2.51	38.97
Massachusetts.													
Amherst	3.98	2.94	6.30	2.30	4.94	0.90	1.59	2.26	2.56	5.16	2.11	3.38	39.42
Blue Hill	3.21	3.77	5.32	4.73	2.85	3.20	2.00	3.30	2.77	7.62	2.70	3.66	45.13
Boston	2.38	2.99	4.81	4.77	3.22	0.64	2.69	2.86	2.51	6.04	2.15	3.05	38.11
Chestnut Hill	3.38	2.71	5.42	4.90	3.46	1.04	2.25	4.56	3.07	6.48	2.69	3.33	43.29
Clinton	3.20	2.76	5.03	4.11	4.00	1.03	1.06	2.03	4.24	6.48	2.73	3.50	41.07
Concord	2.57	2.78	4.98	3.94	3.87	1.63	1.77	3.65	3.23	5.60	2.11	2.82	38.95
Fall River	4.49	3.30	3.47	6.36	2.01	1.05	2.87	2.87	2.95	9.15	2.23	4.08	44.83
Fitchburg	2.52	2.31	4.68	2.94	3.28	0.44	1.74	4.96	5.03	5.26	2.30	2.44	37.90
Framingham	2.96	2.72	5.63	3.96	3.79	2.02	4.02	4.56	3.89	5.31	2.44	3.15	44.45
Hyannis	5.49	4.00	2.89	5.46	2.12	0.87	0.92	6.91	3.07	8.05	1.78	3.38	44.94
Lawrence	2.34	3.03	4.87	3.22	4.21	2.18	1.09	2.44	2.41	6.89	2.13	3.38	38.19
Lowell	2.73	2.80	5.00	3.01	3.49	2.12	1.21	2.86	3.72	6.77	2.18	3.59	39.48
Middleboro	4.67	2.81	3.47	5.14	1.68	1.17	1.80	2.44	2.77	11.77	2.47	3.64	43.83
Nantucket	5.57	4.44	3.17	2.19	1.71	1.59	0.58	3.26	7.76	6.49	1.91	3.21	41.88
New Bedford	5.37	3.87	4.71	4.56	1.62	0.63	1.87	4.68	3.48	10.09	2.37	4.14	47.39
Norfolk	3.36	3.63	4.55	5.33	2.76	1.41	4.51	3.60	4.37	7.38	3.00	3.32	47.22
Plymouth	4.08	3.35	3.60	6.72	2.37	2.27	1.64	2.77	3.73	10.01	2.79	4.47	47.80
Provincetown	4.44	3.56	2.74	4.77	2.06	1.47	1.60	3.77	3.27	7.89	2.21	2.89	40.67
Rockport	2.97	4.41	5.34	4.73	2.98	2.02	1.99	2.17	2.64	6.18	1.55	3.33	40.31
Rutland	3.38	2.45	5.68	4.12	3.93	.....	.....	.....	.....	.....	2.73	2.23	.....
Turners Falls	3.61	2.53	5.35	2.79	3.77	0.67	1.02	2.47	2.83	3.05	2.99	2.20	33.28
Westboro	2.87	2.40	5.34	4.87	4.46	1.87	3.27	3.85	4.03	6.90	2.75	2.30	44.91
Williamstown	2.99	2.32	6.08	1.76	2.89	0.87	3.88	1.26	2.92	3.91	1.63	2.33	32.84
Worcester	2.60	2.43	4.27	3.16	3.68	2.14	2.56	3.00	5.04	4.26	2.20	2.07	37.41
Michigan.													
Adrian	2.91	1.37	3.73	4.06	4.64	1.08	2.42	2.66	1.94	2.35	2.17	1.50	30.83
Allegan	1.97	2.51	4.46	3.33	4.25	1.15	3.54	1.43	2.59	.....	.....	1.20	.....
Alma	1.97	1.55	2.21	2.99	2.78	3.22	2.55	4.77	2.30	4.20	2.77	0.86	32.17
Alpena	1.53	1.49	3.01	3.23	2.12	3.20	1.90	1.45	1.77	3.41	2.85	0.54	26.50
Ann Arbor	3.02	0.95	3.92	2.38	5.34	0.24	1.26	1.07	1.38	3.86	1.32	1.09	26.83
Arbela	2.35	0.81	3.82	3.76	1.66	2.33	3.15	5.54	2.96	3.92	2.51	0.81	33.62
Armada	4.17	1.07	6.03	3.72	3.87	2.69	2.25	4.71	1.22	3.98	2.03	1.28	37.02
Baraga	.....	1.60	.....	.....	1.30	.....	.....	1.50	3.00	2.90	.....	.....	.....
Battle Creek	3.53	1.43	3.71	2.89	3.26	0.50	3.25	1.59	1.36	4.74	2.37	0.88	30.51
Bay City	1.85	1.06	.....	3.57	0.58	2.26	2.84	8.65	1.11	2.39	2.48	0.68	.....
Benzonia	3.24	3.12	7.53	2.93	3.06	2.56	4.30	1.39	3.30	2.73	1.94	0.91	37.01
Bergland	1.14	0.95	2.22	1.36	3.05	4.22	5.34	1.19	5.43	1.79	1.39	.....	.....
Big Rapids	1.24	1.48	3.69	1.92	2.14	3.07	3.34	3.37	1.67	4.37	1.83	0.56	28.68
Blissfield	3.61	0.90	5.83	2.34	5.90	1.12	.....	.....	.....	.....	.....	.....	.....
Bloomingdale	1.25	1.67	2.40	1.43	2.22	0.46	2.58	0.91	1.86	2.71	2.43	0.85	20.77
Bridgeport	.....	.....	2.59	3.93	2.10	.....	.....	.....	.....	.....	.....	.....	.....
Cadillac	2.25	1.21	3.52	2.45	2.16	2.00	6.06	2.93	1.65	3.40	2.10	0.85	30.58
Calumet	2.32	2.64	3.12	0.89	2.95	2.67	3.28	4.24	3.08	3.00	2.12	0.32	30.63
Charlevoix	1.60	2.20	.....	3.80	2.07	3.00	2.26	1.29	.....	.....	.....	.....	.....
Charlotte	1.90	.....	2.37	2.21	4.72	.....	2.03	0.93	0.68	3.45	1.32	0.44	.....
Chatham	2.30	1.25	0.90	1.00	2.31	2.80	3.01	1.28	3.70	4.85	2.40	0.90	25.70
Cheboygan	1.27	2.50	1.75	2.45	2.47	3.10	3.10	1.89	.....	3.94	0.90	0.47	.....
Chesaning	.....	.....	2.67	3.48	2.75	.....	.....	.....	.....	.....	.....	.....	.....
Clinton	4.01	0.79	4.98	3.21	4.69	0.94	3.15	0.99	0.90	3.75	1.65	1.75	30.81
Coldwater	4.09	0.71	4.56	3.21	3.54	1.40	2.47	1.26	0.77	4.03	1.85	1.21	29.10
Croton	1.15	0.80	6.52	3.53	1.79	2.68	2.16	2.59	2.38	4.42	1.98	0.66	30.66
Deer Park	1.10	0.45	1.00	0.50	1.02	2.80	4.25	1.50	2.08	2.45	1.30	.....	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Michigan—Continued.													
Detroit	3.95	1.24	5.63	2.87	4.57	1.42	4.48	2.13	1.18	3.94	1.76	0.99	34.16
Durand	.....	0.97	.....	2.26	.....	1.01	2.13	.....	1.58	2.71	1.20	0.71	.....
Eagle Harbor	.....	.....	.....	3.30	.....	2.20	2.90	2.37	3.60	2.90	1.80	.....	.....
East Tawas	1.30	0.64	1.11	2.71	1.32	1.84	2.08	2.45	1.52	2.65	1.55	0.76	19.93
Eaton Rapids	.....	.....	2.62	1.34	1.12	.....	.....	.....	.....	.....	.....	.....	.....
Eloise	4.08	1.00	5.05	3.28	6.08	0.49	3.64	1.72	0.71	4.50	1.61	1.24	33.40
Escanaba	0.82	1.90	3.39	1.45	3.28	2.51	4.87	1.46	3.54	1.83	1.54	0.31	26.60
Ewen	2.36	3.29	3.68	1.56	2.97	5.25	3.35	1.11	.....	2.95	3.33	0.82	35.11
Five Channels	.....	.....	.....	3.31	1.14	2.14	1.72	1.78	3.27	1.92	1.00	0.37	.....
Flint	1.57	0.70	3.11	3.59	3.16	2.03	4.63	5.95	1.43	3.25	2.17	0.79	32.38
Fosters	.....	.....	2.58	3.58	1.96	.....	.....	.....	.....	.....	.....	.....	.....
Frankfort	2.10	3.90	4.95	2.75	3.20	2.36	3.35	1.41	1.81	2.68	.....	0.90	.....
Ganges	1.17	0.78	3.04	2.93	2.96	1.35	1.59	0.89	2.80	4.21	1.92	0.85	24.49
Gaylord	1.32	2.00	3.73	2.96	1.86	2.36	2.91	2.31	2.64	2.99	1.55	0.92	27.55
Gladwin	2.00	1.10	2.72	4.05	2.60	3.10	3.80	.....	.....	.....	.....	.....	.....
Grand Haven	1.72	1.59	3.12	2.08	2.13	1.58	1.57	1.18	3.03	3.09	2.76	0.51	24.34
Grand Ledge	.....	.....	3.37	2.44	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Marais	3.00	2.12	2.30	0.40	2.23	3.04	4.41	2.75	3.53	4.36	1.10	0.22	29.46
Grand Rapids	1.86	1.27	3.57	2.46	1.76	1.50	1.96	0.97	2.35	2.92	2.86	0.31	23.68
Grape	3.92	1.02	6.24	3.14	4.78	2.12	3.36	1.33	1.07	3.79	1.79	1.08	33.64
Grass Lake	3.72	0.95	3.47	2.86	4.99	0.88	2.77	0.75	0.78	4.56	1.94	0.90	28.57
Grayling	1.68	2.94	4.26	3.59	2.05	2.93	2.23	1.83	2.82	4.15	3.48	1.00	32.96
Greenville	.....	.....	1.32	.....	.....	.....	.....	3.51	2.11	2.09	0.65	0.56	.....
Harbor Beach	3.40	1.40	2.10	3.70	0.87	2.39	1.58	1.53	1.20	4.82	1.60	1.13	25.72
Harrison	.....	0.60	1.48	3.22	1.09	1.96	2.68	2.88	1.87	1.72	1.38	0.62	.....
Harrisville	1.83	2.02	3.52	4.18	1.63	1.92	1.77	1.54	1.22	4.31	.....	0.15	.....
Hart	2.10	1.17	2.66	1.81	3.44	1.38	3.62	1.77	2.79	4.11	2.65	0.69	28.19
Hayes	2.09	1.05	1.09	2.93	1.64	1.15	2.34	1.42	1.41	3.25	1.10	0.40	19.87
Highland	3.86	1.04	4.08	3.67	3.97	1.42	4.06	2.83	1.57	4.90	2.41	.....	.....
Hillsdale	3.74	0.77	4.96	2.25	3.74	0.78	1.55	2.93	1.53	4.74	2.85	0.71	30.55
Holland	1.75	1.29	2.62	2.13	2.46	1.77	1.63	0.39	2.25	3.05	2.15	0.53	22.02
Houghton	1.62	1.29	3.39	1.30	2.88	2.54	3.23	2.53	4.01	3.12	2.90	0.36	29.17
Houghton Lake	0.72	0.54	2.44	3.42	1.64	1.50	3.61	2.13	2.59	2.89	1.60	0.49	23.48
Howell	4.57	0.68	2.88	3.05	4.97	1.56	1.81	3.61	1.12	4.56	2.72	0.97	32.50
Humboldt	0.41	2.30	1.70	1.60	2.57	3.66	3.65	2.12	4.08	1.78	3.05	0.40	27.32
Ionia	.....	1.10	3.08	2.57	1.78	.....	.....	.....	.....	.....	.....	.....	.....
Iron Mountain	0.65	1.14	2.85	2.05	3.16	2.37	4.12	1.99	4.46	2.36	0.89	0.11	26.15
Iron River	1.20	1.90	4.20	2.65	4.39	.....	5.10	1.90	6.09	3.75	3.60	0.40	.....
Ironwood	1.38	2.46	6.08	2.23	3.00	3.92	5.49	1.91	5.91	3.46	1.90	0.32	38.06
Ishpeming	0.80	3.00	2.44	1.61	2.01	3.65	3.05	1.89	4.53	5.21	2.05	0.26	30.41
Ivan	1.49	0.73	3.63	1.56	2.50	2.93	2.58	1.68	3.89	3.82	1.76	0.62	27.19
Jackson	4.39	0.67	3.77	3.54	4.22	0.34	3.30	1.45	1.22	4.25	1.99	1.05	30.20
Jeddo	2.15	1.17	3.89	2.91	2.53	2.58	3.30	6.09	1.09	3.44	2.60	0.55	32.30
Johannesburg	.....	1.15	3.45	.....	2.20	2.15	2.90	2.19	3.15	3.74	2.12	0.93	.....
Kalamazoo	2.30	1.90	2.65	.....	3.18	0.90	1.95	0.90	1.30	4.26	2.55	1.30	.....
Lansing	3.17	1.63	3.85	3.33	2.32	0.82	3.22	4.03	1.25	3.94	2.46	0.91	30.93
Lansing (College)	3.10	1.65	3.76	3.10	2.22	1.01	2.85	5.60	1.53	3.30	2.38	0.55	31.05
Lapeer	.....	.....	4.15	3.35	3.12	2.47	2.56	4.32	0.90	.....	.....	.....	.....
Lowell	.....	.....	3.45	2.66	2.16	.....	.....	.....	.....	.....	.....	.....	.....
Ludington	1.81	1.54	3.47	2.24	2.93	2.93	4.32	2.86	2.28	2.82	1.68	0.54	29.42
Luther	2.03	1.32	3.89	2.83	2.53	2.32	3.43	3.64	2.42	3.78	1.65	0.55	30.39
Mackinac Isle	1.42	1.21	.....	1.62	2.08	3.38	2.37	2.64	1.62	.....	1.54	0.52	.....
Mackinaw	.....	.....	.....	.....	.....	2.49	2.88	3.04	1.23	2.95	1.80	.....	.....
Mancelona	.....	1.24	1.20	.....	2.21	2.06	3.65	1.85	3.55	.....	.....	.....	.....
Manistee	.....	0.80	2.40	0.95	.....	2.29	3.92	3.90	3.86	3.14	0.69	0.56	.....
Maple Ridge	1.10	1.90	2.10	2.05	2.70	5.17	3.58	1.39	3.35	3.15	2.15	1.10	29.74
Marquette	2.03	2.28	4.46	3.00	2.04	2.76	3.70	0.73	3.76	3.20	1.33	0.94	30.23
Menominee	1.29	1.75	.....	3.35	3.91	2.93	5.12	0.75	4.84	1.56	1.32	0.05	.....
Midland	0.50	0.45	.....	1.80	1.40	2.00	2.17	.....	2.50	0.90	0.77	0.02	.....
Morenci	4.33	1.31	6.80	3.24	5.05	3.34	2.42	0.89	3.70	3.32	1.96	1.41	37.77
Mount Clemens	4.02	1.46	3.83	2.16	3.02	1.42	4.90	3.35	.....	4.28	1.78	0.63	.....
Mount Pleasant	.....	.....	.....	1.90	0.83	1.94	2.79	5.29	.....	.....	.....	.....	.....
Munising	2.48	1.49	4.21	1.99	2.15	2.51	5.99	2.54	3.77	4.09	2.49	0.87	34.49
Muskegon	0.99	2.69	3.90	2.05	3.97	1.85	1.13	.....	.....	4.01	2.45	0.93	.....
Newberry	1.56	1.52	4.54	2.03	2.37	1.77	4.17	3.50	2.03	3.39	2.78	0.60	30.26
Old Mission	1.97	3.76	3.99	2.97	2.13	3.76	2.13	2.49	5.51	3.12	2.29	0.77	34.89
Olivet	2.66	1.37	2.93	3.49	3.85	0.88	2.13	1.30	1.50	4.32	2.80	0.62	27.85
Omer	.....	.....	3.24	.....	.....	.....	3.90	1.21	.....	2.57	1.18	0.14	.....
Onaway	2.30	.....	.....	.....	1.90	2.00	.....	1.75	.....	2.90	2.28	0.31	.....
Ontonagon	1.69	2.50	2.10	0.54	2.10	.....	.....	.....	5.20	2.10	.....	T.	.....
Owosso	2.32	1.29	4.23	3.94	2.54	1.42	2.09	4.47	2.31	3.94	2.03	1.27	31.85
Paines	.....	.....	2.77	3.45	1.58	.....	.....	.....	.....	.....	.....	.....	.....
Petoskey	1.72	1.12	0.89	0.00	2.91	2.80	1.90	.....	1.05	.....	1.20	0.54	.....
Plymouth	3.55	0.75	4.12	4.11	4.30	.....	2.66	1.37	0.95	4.17	.....	0.11	.....
Pontiac	3.32	1.16	3.76	3.13	3.52	1.09	6.51	2.52	1.20	3.62	2.26	1.04	33.13
Port Austin	1.75	0.82	2.08	4.29	0.85	2.45	0.89	1.76	0.72	4.81	2.06	0.26	22.74
Port Huron	3.08	1.33	4.05	2.79	2.89	2.76	4.30	3.93	0.69	4.27	1.88	0.64	32.61
Portland	.....	.....	1.59	2.21	3.15	.....	.....	.....	.....	.....	.....	.....	.....
Powers	1.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reed City	.....	.....	.....	2.75	2.58	2.03	3.41	4.18	2.87	3.45	2.87	0.53	.....
Roscommon	1.17	2.13	0.68	1.92	1.53	1.91	3.31	2.05	2.89	1.74	1.03	0.18	21.14
Saginaw (East Side)	2.18	0.85	0.97	2.10	1.56	2.85	4.10	.....	.....	.....	.....	1.29	.....
Saginaw (West Side)	1.85	0.77	2.46	3.45	1.48	2.56	4.75	5.96	1.73	2.61	2.89	0.69	31.00
St. Ignace	1.95	1.62	0.95	0.60	.....	0.90	4.50	2.20	.....	3.20	1.25	0.55	.....
St. James	1.96	2.40	3.80	3.19	3.43	2.66	2.36	0.77	2.13	3.09	1.70	0.57	28.06
St. Joseph	2.46	1.50	1.39	.....	2.23	2.10	3.32	0.80	2.52	1.79	1.69	0.52	.....
Sandusky	2.02	0.49	3.23	2.03	1.21	3.00	3.76	6.00	1.14	1.46	1.24	0.26	26.50
Saranac	1.67	0.90	3.51	2.59	2.15	0.67	2.85	3.06	1.58	4.03	2.12	0.84	25.97
Sault Ste. Marie	1.31	1.23	3.51	1.67	1.85	3.16	5.04	5.24	2.36	2.51	2.16	0.45	30.49
Seney	1.74	0.44	2.30	.....	1.95	1.25	5.28	2.03	1.67	2.25	1.71	0.65	.....
South Haven	3.45	1.00	2.74	.....	.....	.....	3.05	2.22	2.32	3.18	2.35	0.30	.....
Thomaston	.....	.....	2.80	0.80	3.32	4.61	.....	.....	.....	.....	.....	0.20	.....
Thornville	2.85	1.65	3.06	2.78	6.25	2.09	2.36	4.92	0.89	2.83	2.45	.....	.....
Traverse City	1.45	1.95	1.20	1.16	.....	0.98	1.90	0.66	2.14	.....	2.65	0.40	.....
Vassar	2.36	0.55	2.54	4.30	1.65	2.39	4.42	6.23	2.20	5.94	3.15	1.38	37.11
Victoria	1.70	0.94	2.65	1.58	3.51	4.47	2.67	3.21	5.92	2.72	2.09	0.30	31.70

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Michigan—Continued.													
Wasepi	5.31	1.38	5.36	2.20	4.32	1.54	2.87	1.40	2.35	3.77	2.39	0.91	33.83
Watersmeet	0.84	2.65	4.52	2.26	3.25	4.63	5.91	1.61	4.71	3.12	1.73	0.23	35.46
Webber Dam	.....	.....	.....	.....	.....	.....	.....	3.60	1.56	2.54	1.86	0.89	.....
West Branch	0.95	0.50	.....	1.52	.....	1.70	.....	0.96	.....	2.87	2.50	0.70	.....
Whitefish Point	2.40	2.71	3.78	1.53	2.68	2.65	5.10	1.86	1.46	3.02	3.37	0.46	31.02
Ypsilanti	4.31	0.84	5.22	3.38	3.96	0.55	3.77	1.30	1.59	4.54	2.37	1.27	33.10
Minnesota.													
Albert Lea	0.25	0.80	1.00	1.85	5.85	5.44	3.17	1.70	3.65	1.50	0.40	0.07	25.68
Alexandria	0.68	0.16	0.42	1.71	4.59	2.46	5.98	5.31	1.66	1.64	1.17	0.07	25.85
Angus	0.24	0.06	0.53	0.87	1.18	1.75	3.51	1.21	3.39	2.00	0.30	0.02	15.06
Bagley	0.47	0.35	2.77	0.79	1.92	2.98	6.84	2.02	3.41	3.35	0.04	T.	24.94
Bandette	0.57	0.44	0.63	1.05	2.18	3.22	4.70	4.21	2.61	3.17	0.40	0.03	23.21
Beardsley	0.48	0.23	0.82	1.72	4.51	2.06	2.27	2.66	2.44	1.91	.....	0.10	.....
Bemidji	0.14	0.19	1.12	1.48	1.76	2.40	5.79	0.54	3.83	3.64	0.14	0.02	21.05
Bird Island	0.08	0.48	0.77	2.12	3.52	5.86	5.44	2.85	3.68	1.05	0.31	T.	26.16
Brainerd	0.41	0.28	0.45	2.32	3.08	3.51	6.75	2.04	3.12	2.83	0.25	0.00	25.04
Calcedonia	0.94	1.21	3.48	1.32	4.66	2.89	8.93	2.62	3.06	4.48	2.07	0.12	35.78
Campbell	0.83	0.12	0.78	1.09	3.73	5.16	4.20	3.08	2.21	3.21	0.11	T.	24.52
Cass Lake	0.25	0.20	1.85	1.41	3.41	4.00	6.10	1.28	2.94	4.32	0.29	0.02	26.05
Chatfield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.82	0.13	.....
Cloquet	0.42	0.84	2.47	1.91	5.71	3.53	6.93	1.65	3.62	3.32	0.78	0.25	31.43
Collegeville	0.51	0.40	0.43	2.73	5.25	3.34	15.16	4.88	5.38	1.83	0.57	0.07	40.55
Crookston	0.35	0.10	1.15	1.13	1.06	1.84	4.60	0.89	2.86	1.89	0.24	0.10	16.20
Detroit	0.39	0.23	1.01	1.03	2.63	5.32	4.51	2.95	5.88	3.75	0.19	T.	27.89
Duluth	0.75	1.09	3.25	1.75	4.82	2.03	6.18	1.26	3.32	3.33	0.74	0.17	28.69
Ely	0.21	0.44	1.40	1.85	.....	.....	.....	.....	2.42	2.83	.....	.....	.....
Fairmont	T.	0.61	1.70	3.70	4.92	5.23	2.82	2.39	4.97	1.62	0.85	0.04	28.85
Faribault	0.15	.....	.....	.....	.....	3.00	.....	.....	4.11	1.84	0.18	0.06	.....
Farmington	0.20	0.42	2.12	1.03	3.48	4.90	6.21	1.85	6.29	2.29	0.74	T.	29.53
Fergus Falls	0.96	0.33	1.32	1.01	3.78	3.39	6.49	4.74	4.30	3.60	0.23	0.04	30.19
Floodwood	0.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort Ripley	0.23	0.06	0.25	1.32	3.46	3.58	6.26	2.86	2.54	1.42	0.08	T.	22.06
Fosston	0.31	0.16	1.11	0.90	1.39	4.02	3.02	1.25	2.59	3.74	0.56	0.10	19.15
Glencoe	T.	0.38	0.71	2.20	2.40	.....	5.40	1.75	3.75	2.10	0.85	0.00	.....
Grand Marais	.....	.....	.....	.....	.....	2.38	4.18	2.30	3.20	5.18	1.22	.....	.....
Grand Meadow	0.21	0.45	2.50	1.55	5.32	2.95	4.63	2.26	4.51	2.54	1.53	0.22	28.67
Gull Lake Dam	0.32	0.11	0.47	1.52	3.77	3.30	6.20	3.48	3.42	2.64	0.84	0.03	26.10
Hallock	0.35	0.24	1.07	1.14	1.15	1.94	2.29	5.56	2.65	1.80	0.20	0.07	18.46
Halstad	0.25	T.	0.97	1.53	1.13	2.39	2.00	2.52	3.74	2.73	0.23	0.00	17.49
Hinckley	0.37	0.19	0.45	2.54	1.88	2.25	7.19	3.02	3.45	2.12	0.99	.....	.....
International Falls	0.44	0.75	1.03	1.21	4.73	3.17	5.21	5.42	1.86	2.88	1.14	0.07	27.91
Itasca State Park	0.10	0.24	0.81	1.07	2.08	4.45	6.20	1.23	2.05	4.07	0.09	0.00	22.39
Lake Crystal	0.15	0.68	1.35	2.17	4.92	2.33	4.58	.....	.....	1.74	1.47	0.07	.....
Leech Lake Dam	0.38	0.31	1.71	1.84	3.74	3.02	7.31	1.65	3.17	4.14	1.55	0.02	28.84
Little Falls	.....	.....	.....	.....	.....	.....	.....	.....	2.93	2.61	0.33	0.00	.....
Littlefork	0.51	0.96	0.45	1.42	2.84	2.51	3.87	3.37	2.02	0.62	0.77	0.15	19.49
Long Prairie	0.27	0.23	.....	1.56	4.18	2.17	6.91	2.35	2.25	1.90	0.25	0.00	.....
Lynd	T.	0.64	0.39	5.32	3.84	2.65	5.18	4.07	1.85	1.80	0.91	0.03	26.68
Mankato	0.03	0.72	1.85	2.15	4.66	2.91	4.61	3.64	3.27	2.00	0.70	0.02	26.56
Mapleplain	0.40	0.83	.....	.....	.....	.....	.....	.....	.....	.....	1.26	0.04	.....
Milaca	.....	.....	.....	.....	.....	2.04	8.86	.....	.....	.....	.....	.....	.....
Milan	0.35	0.58	0.80	2.60	3.79	0.88	5.62	2.75	2.93	1.55	0.81	T.	22.66
Minneapolis (Weather Bureau)	0.42	0.74	1.65	1.86	2.86	2.21	7.75	1.40	4.12	2.55	0.48	0.05	26.09
Minneapolis (No. 1)	0.39	0.66	1.79	2.11	3.27	2.47	7.44	1.56	4.41	2.67	0.88	0.08	27.73
Montevideo	0.09	0.34	0.60	2.55	3.41	1.96	6.45	1.49	2.67	2.08	0.60	T.	22.24
Moorhead	0.45	0.06	0.93	1.23	1.68	3.07	3.26	2.70	2.27	3.19	0.18	0.02	19.04
Mora	0.52	0.47	1.10	2.49	3.96	1.82	7.56	4.59	3.53	2.96	1.06	T.	30.06
Morris	0.58	0.21	0.71	2.08	4.75	1.19	5.83	5.00	1.43	3.03	0.86	T.	25.67
New London	0.37	0.04	0.68	1.67	3.43	1.62	8.62	6.14	2.82	1.25	0.60	0.03	27.27
New Richland	0.12	.....	1.01	1.81	4.27	5.09	4.84	4.79	3.91	2.02	0.11	T.	.....
New Ulm	0.27	0.95	1.02	3.60	4.18	4.47	4.94	3.10	3.20	1.63	0.52	T.	27.88
Osakis	0.56	0.21	0.73	1.47	3.71	2.09	4.58	.....	2.93	1.91	0.85	T.	.....
Park Rapids	0.23	0.19	1.58	1.47	3.20	3.17	6.49	1.75	3.72	4.65	0.34	T.	26.79
Pierz	0.29	0.15	0.10	.....	2.92	2.40	5.78	4.24	4.11	2.72	0.91	0.00	.....
Pine River Dam	0.18	0.17	0.71	2.47	3.77	4.43	8.08	2.54	6.35	3.13	1.03	0.05	32.91
Pipestone	T.	0.09	0.02	2.14	4.30	4.64	4.55	1.70	3.07	2.40	1.06	0.09	24.06
Pokegama Falls	0.24	0.44	1.85	2.17	4.18	3.48	7.95	4.09	3.66	3.43	0.87	0.07	32.43
Red Lake	0.34	0.54	.....	1.31	1.05	3.53	3.67	1.82	3.17	3.67	0.14	T.	.....
Red Lake Falls	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.22	0.10	0.00	.....
Red Wing (No. 1)	0.21	0.78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Wing (No. 2)	0.38	1.02	2.68	2.40	3.92	2.84	4.28	1.42	4.38	2.76	0.92	T.	27.00
Redwood Falls	0.20	0.49	0.46	4.91	4.40	.....	.....	.....	.....	.....	.....	.....	.....
Reeds Landing	0.18	0.62	2.04	1.53	4.05	2.23	6.55	1.35	4.94	2.46	0.67	0.04	26.66
Rochester	0.19	0.53	1.39	1.28	4.57	6.75	5.10	3.72	4.29	1.91	0.72	0.13	30.58
Roseau	0.53	0.45	0.69	1.23	1.37	1.58	3.56	3.21	1.75	2.13	0.08	T.	16.58
St. Charles	0.42	0.70	2.78	1.21	4.93	2.49	4.51	2.67	4.46	2.33	1.14	0.20	27.84
St. Cloud	0.42	0.37	0.48	2.91	4.26	3.05	9.49	2.61	4.12	2.27	1.23	T.	31.21
St. Paul	0.33	0.71	1.74	1.62	2.95	3.05	6.11	1.59	3.34	2.03	0.56	0.02	24.05
St. Peter	.....	0.55	.....	.....	3.03	3.20	5.08	5.33	3.60	.....	1.40	T.	.....
Sandy Lake Dam	0.36	0.29	1.23	2.05	3.48	3.99	5.97	1.77	4.12	3.63	0.60	0.08	27.57
State Sanatorium	0.27	0.15	0.74	1.60	2.82	4.72	6.69	2.88	2.51	5.66	0.69	0.05	28.78
Stephens Mine	0.29	0.55	2.33	1.99	4.20	2.68	4.24	2.00	2.70	3.29	.....	0.15	.....
Stillwater	0.31	0.63	2.25	2.16	3.27	2.35	7.47	2.51	3.10	1.97	0.77	0.03	26.82
Taylors Falls	0.41	0.28	1.41	2.32	3.56	2.46	7.98	1.92	3.90	4.36	1.01	0.08	29.69
Thief River Falls	0.53	0.49	1.25	1.69	1.50	0.88	2.91	0.97	2.65	2.08	.....	T.	.....
Tracy	.....	.....	.....	.....	.....	2.28	5.62	2.29	2.55	0.85	0.72	T.	.....
Two Harbors	0.19	0.33	1.17	0.50	3.03	1.81	3.36	0.57	0.96	2.45	0.33	0.05	14.75
Virginia	0.33	0.47	1.48	1.90	4.11	2.80	7.18	3.14	3.19	3.41	.....	0.20	.....
Warren	0.50	0.06	.....	0.80	1.57	0.78	2.16	1.59	3.30	2.57	0.20	T.	.....
Warroad	0.52	0.60	1.15	1.29	2.04	1.98	4.29	3.32	1.26	1.77	0.31	0.09	18.62
Windom	.....	.....	.....	.....	.....	.....	.....	2.95	2.11	0.58	0.40	0.00	.....
Winnebago	0.08	0.90	1.54	3.58	4.17	6.17	2.93	3.45	3.23	1.96	0.57	0.01	28.59
Winnibigoshish	0.28	0.58	1.80	1.66	3.85	3.65	7.60	1.76	2.86	4.25	0.96	0.09	29.34
Winona	0.62	0.81	2.94	1.48	5.98	3.49	6.15	3.04	2.88	2.55	0.91	0.17	31.02

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Minnesota—Continued.													
Winton											0.50	0.42	
Worthington	0.01	0.32	0.77	3.87	5.09	3.97	2.34	9.00	2.84	1.06	0.50	T.	29.77
Zumbrota	0.05	0.65	1.65	2.04	3.65	4.29	3.75	1.73	4.93	2.83	0.92	0.05	26.64
Mississippi.													
Aberdeen	9.46	7.86	4.92	2.50	4.74	2.31	3.16	1.06	4.75	3.80	1.62	3.36	49.24
Agricultural College	7.74	7.80	6.11	2.53	4.12	1.77	3.98	2.09	7.93	2.71	2.63	3.72	53.13
Anguilla	9.80	10.00	4.05	6.31	3.50	0.85	3.62	1.25	8.00	3.68	1.50	3.36	55.92
Austin	9.54	6.14	7.34	6.63	2.33	1.87	5.19	0.99	9.02	3.91	2.81	2.53	58.30
Batesville	12.16	5.02	6.12	6.07	2.83	1.88	2.83	1.02	6.71	5.17	1.01	2.81	53.63
Bay St. Louis	4.56	3.00	7.22	5.56	5.59	0.32	4.62	7.01	17.96	5.56	2.10	2.66	66.16
Bay Springs		3.26		2.10	9.30	1.40	5.91	1.39	9.03	2.30	4.40		
Big Creek		7.39		4.75	2.02	1.93	0.69	0.31					
Biloxi	6.21	1.97	12.78	4.86	4.22	1.01	8.34	4.29	10.53	2.20	2.29	2.44	61.14
Booneville	11.26	5.73	5.83	4.10	2.83	1.26	3.39	0.75	8.94	3.79	1.02	2.92	51.82
Brookhaven	9.09	3.34	5.44	9.33	4.33	1.67	5.57	2.55	8.47	4.62	1.87	4.92	61.20
Canton	6.58	5.09	7.07	4.48	3.20	1.36	5.70	1.81	5.75	2.62	1.94	2.51	48.11
Charleston	10.83	6.04	4.52	4.17	3.07	2.00	2.67	2.10	8.96	4.26	1.14	3.12	52.88
Clarksdale	8.43	5.09	6.59	5.83	3.34	1.70	2.93	1.49	4.92	4.26	2.65	2.17	49.40
Cleveland	11.30	5.87	4.82	4.65		2.58		1.44		5.80	2.47	3.32	
Coffeeville	8.60	3.63	8.61	4.93	3.65	1.85	2.41	0.68	6.78	5.14	1.00		
Collins	9.61	4.10	7.20	3.46	4.54	5.76	9.16	3.04	8.61	2.41	5.79	3.78	67.46
Columbia	9.39	7.15	9.52	4.24	5.22	4.59	8.75	3.47	5.40	4.74	6.27	3.88	72.02
Columbus	7.48	6.21	4.37	2.23	4.35	1.49	2.73	1.93	8.43	1.69	2.05	3.64	46.60
Corinth	13.07	5.22	7.36	6.13	2.63	1.26	4.70	1.84	5.32	3.92	1.13	3.08	55.66
Crenshaw	7.08	5.25	5.00	6.55		0.70	8.11	0.95	5.59	2.95	2.30	1.80	
Crystal Springs	6.87	5.68	6.34	8.25	2.95	1.32	6.15	1.93	11.92	3.48	3.13	3.07	61.09
Duck Hill		9.60	5.90	6.25	2.14	1.61	2.48	1.37	8.73	3.69	1.48		
Edinburg	6.83	6.00	7.67	3.82	3.40	1.11	8.12	1.96	8.37	2.31	2.36	3.85	54.90
Edwards	7.70	9.27	9.25	8.80	5.15	4.10	2.29	1.60	9.95	2.70	4.05	2.62	67.48
Enterprise	8.08	6.52	7.72	2.65	5.52	2.46	5.84	2.36	8.23	3.75	3.79	5.09	62.01
Fayette	7.14	5.15	4.20	6.69	3.41	5.20	7.01	4.33	10.12	4.34	2.79	2.65	63.03
Fulton	8.84	4.78	4.78	2.73	3.53	1.56	2.80	0.91	3.82	2.35	1.35	3.51	40.96
Greenville	10.37	5.93	5.94	5.06	2.66	1.56	4.13	1.02	10.95	4.30	2.29	4.60	57.91
Greenwood	10.80	9.70	4.81	5.29	2.82	0.86	4.23	1.97	5.42	3.81	1.81	4.04	55.56
Grenada					3.75	0.70		0.70	4.70	1.80	0.40	1.10	
Hattiesburg	6.00	5.72		3.10	3.80	3.01	6.80	4.06	5.15	2.72	3.62	3.70	
Hazlehurst	8.34	4.68	7.27	7.91	2.45	0.88	7.95	5.32	8.27	3.91	2.90	3.06	62.94
Hernando	5.51	5.66	6.28	5.68	2.78	0.51	7.49	1.96	8.98	3.91	1.79	1.61	52.07
Hickory	9.31	5.33	7.75	2.42	9.35	2.01	9.35	1.91	9.41	2.59	3.90	4.27	67.73
Hickory Flat	15.06	5.02	7.03	4.36	3.23	2.83	4.30	0.95	5.83	3.35	1.20		
Holly Bluff							2.99	2.93	7.25	3.08	2.28		
Holly Springs	10.59	4.82	7.96	5.41	3.37	3.54	5.02	3.12	7.84	3.94	1.02	2.67	59.30
Jackson	7.44	6.96	5.15	7.04	5.17	1.45	5.89	3.52	10.24	2.13	3.17	2.37	61.13
Kosciusko	8.97	6.98	5.33	6.27	5.29	1.65	3.71	4.28	6.18	2.04	1.57	3.44	55.71
Lake	8.12	5.45	7.95	2.45	3.82	0.65	9.05	3.90	8.36	2.22	2.94	3.13	58.04
Laurel	7.94	6.61	8.14	2.83	9.75	2.11	4.72	2.08	9.42	1.77	4.10	4.16	63.63
Leakesville	4.63	4.02	12.36	5.19	5.57	4.53	9.06	5.53	9.13	3.78	4.19	2.97	70.96
Louisville	7.70	7.50	6.38	3.00	5.01	1.10	5.70	1.00	8.13	1.62	2.12	3.52	52.78
McNeill	7.85	5.32	8.91	5.11	7.53	2.91	8.95	4.05	8.87	2.54	2.31	2.52	66.87
Macon	6.80	6.20	5.94	2.14	5.96	0.36	4.07	0.67	6.47	1.35	1.88	3.26	45.10
Magnolia	7.03	3.45	5.07	6.68	5.17	4.16	5.39	1.95	11.14	4.74	3.89	3.98	62.65
Malone	12.01	5.22	6.65	4.66	2.40	3.28	5.85	2.02	3.82	4.08	0.50	2.67	53.16
Meridian	8.89	4.23	5.75	1.83	7.24	3.20	4.77	2.31	8.52	2.14	3.41	3.80	56.09
Merrill	4.29	3.74	12.65	5.59	6.25	3.83	10.77	2.63	8.91	4.21	4.53	2.67	70.07
Monticello	11.64	3.85	7.32	6.59	3.19	4.19	7.82	2.52	9.12	2.43	3.43	4.85	66.95
Moorhead				5.12	2.11	1.27	6.46	2.45	5.05	3.73	1.71	4.25	
Natchez	5.67	6.89	5.66	7.04	4.40	1.86	5.62	2.57	8.17	3.84	2.83	3.31	57.86
Okolona	8.82	5.97	6.33	4.15	5.04	4.26	6.15	4.90	6.87	2.47	2.10	3.30	60.36
Pascagoula	3.16	3.12	13.28	4.18	5.87	2.43	8.71	3.59	11.03		2.84	1.53	
Pearlington	5.37	2.10	7.29	5.66	4.78	2.53	8.48	6.84	10.43	3.52	1.90	1.98	60.88
Pontotoc	9.41	6.39	4.65	4.17	3.74	1.81	5.00	1.00	8.44	3.84	1.42	3.47	53.34
Porterville	7.23	5.26	8.97	2.43	6.13	1.68	8.01	0.98	7.17	1.16	3.30	3.54	55.96
Port Gibson	7.16	7.06	6.75	7.62	2.92	4.84	3.39	3.53	9.71	3.06	1.97	3.04	61.05
Rosedale	9.80	4.50	5.62	4.34	4.05	0.65	0.99	2.85	11.45	4.64	3.25	2.98	55.12
Shoccoe	7.07	5.95	8.56	5.76	4.83		3.65	3.79	6.80	1.94	3.25	2.90	
Shubuta	7.54	4.83	8.29	3.19	3.07	1.65	6.94	2.39	10.94	2.81	3.66	4.76	60.07
Suffolk	9.46	4.18	5.61	6.31	4.30	2.14	5.70	3.15	6.09	3.56	1.79	4.12	56.41
Swan Lake	10.96		4.63	4.46	4.03	0.25	1.59	0.88	5.80	3.59	1.36	2.12	
Tchula	9.50	9.40	6.22	7.35	1.83	1.06	1.41	0.79	4.06	2.22	2.46	4.16	50.46
Tupelo	8.79	5.21	4.95	3.81	4.02	1.41	4.62	1.84	6.70	2.79	0.88	3.49	48.51
University	16.15	5.62		5.05	3.07						1.25		
Utica	7.59	5.73	6.45	6.96	2.43	5.58	2.90	2.93	8.82	6.15	2.95	3.27	61.76
Vicksburg	7.00	7.31	6.70	7.27	1.30	0.46	1.06	1.83	9.99	2.17	3.86	2.21	51.16
Water Valley	12.91	4.60	7.58	4.75	2.90	1.70	4.40	1.10	7.75	7.35	1.22	8.70	64.96
Waynesboro	9.99	5.34	9.23	3.08	6.20	2.51	7.19	4.58	10.67	5.42	3.10	5.49	72.80
Woodland	10.37	8.00	4.45	3.26	3.20	1.90	4.60	1.75	8.35				
Woodville	11.79	4.92	4.78	7.11	3.44	3.73	4.21	4.94	6.43	3.86	3.13	3.70	62.04
Yazoo City	8.15	7.26	5.84	6.03	2.28	T.	1.50	0.94	4.28	2.23	3.19	3.40	45.10
Missouri.													
Amoret	1.13	2.99	3.01	1.80	5.34	2.82	1.61	0.20	2.55	3.48	3.11	2.96	31.00
Appleton City	1.75	2.00	4.34	2.37		0.84	1.38	0.00	3.17	1.73	1.12	3.20	
Arlington	4.58	0.68	5.05	2.97	0.94	2.69	3.78	0.14	5.31	5.06	2.23	1.38	34.81
Arthur	1.20		4.30	4.25	2.38	1.66	0.86	0.15	4.36	3.27			
Avalon	0.60	1.75	3.65	3.98	4.99	2.30	3.64	2.50	3.86	5.25	3.90	2.62	39.04
Bagnell				1.25	1.50	2.26							
Belle	2.80	1.75	5.40	4.98	1.90	2.56	1.61	1.43				1.88	
Bethany	1.01	1.13	2.87	3.34	3.40	6.39	2.06	2.50					
Birchtree	7.48	1.29	3.81	2.95	0.63	2.34	2.12	0.00	8.31	6.70	3.45	1.15	41.07
Bolivar	2.56	3.18	5.64	2.26	2.50	3.07	1.51	T.	4.44	4.32	2.37	2.69	34.64
Boonville	2.19	2.36	4.70	3.52	2.86	2.21	2.66	0.99	5.12	3.02	3.68	2.11	35.42
Brunswick	1.05	2.22	3.43	3.55	3.43	1.58	6.38	1.51	3.39	2.76	3.25	2.36	34.91
Cape Girardeau				2.07	2.09	0.50	6.45					2.11	

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Missouri—Continued.													
Cardwell	15.60	3.65	4.98	3.97	1.29	2.39	5.93	1.56	5.28	6.78	1.41	2.01	54.85
Caruthersville	15.12	4.19	5.42	4.11	0.91	1.25	2.71	0.15	3.39	4.80	1.30	1.91	45.06
Cassville	2.41	2.54	5.13	2.74	3.26	2.06	7.68	0.07	5.25	4.09	1.37	3.05	40.65
Clinton	1.31	2.25	4.44	2.45	3.00	1.57	0.45	0.25	5.48	5.13	2.01	2.54	30.83
Columbia	2.57	2.37	4.95	3.39	1.43	2.40	3.38	0.77	4.40	2.40	3.24	1.74	33.04
Conception			1.98	2.40	4.05	1.56	3.93	0.63	2.89	2.36	1.28	2.00	
Crocker	3.45	1.62	4.28	2.52	1.25	2.56	5.43	0.72	2.10	4.73	1.12	2.21	31.99
Dearn	3.45	3.28	4.80	2.69	6.00	0.98	4.15	0.06	5.14	4.87	2.64	3.33	41.39
Denlphan	8.18	2.11	6.25	3.73	1.03	3.12	3.96	1.76	7.65	7.02	3.68	2.87	51.36
Duncan							2.70	0.79	5.32	4.22	2.91	2.26	
Eldon	3.59	1.88	5.66	4.21	2.00	2.52	3.09	0.22	6.00	3.57	3.34	2.43	38.51
Eldorado Springs	1.80	3.29	4.76	3.91									
Fayette	1.91	2.69	3.36	3.16	2.81	2.06	3.25	0.38	6.65	2.54	3.55	1.95	34.31
Fruit City							4.88	0.23	10.82	8.13	3.19	2.18	
Fulton	3.31	2.16	5.94	2.56	0.91	2.48	3.08	1.35	4.16	2.01	3.44	1.49	32.89
Gano	4.97	1.51	5.66	3.38	1.57	4.32	4.70	0.96	7.78	4.89	2.00	2.02	43.76
Glasgow	0.87	2.10	5.58	4.50	4.04	4.60	4.85	0.64	3.90	3.24	3.26	2.22	39.80
Goodland	5.72	1.53	5.37	2.96	1.35	5.46	5.27	1.35	4.81	7.72	1.67	1.50	44.71
Gorin	0.67	1.77	2.82	3.25	4.93	4.37	0.22	2.02	1.26	2.93	0.93	1.54	26.71
Grant City	0.97	0.55	2.49	3.80	4.67	4.87	2.10	1.56	2.81	4.28	3.05	2.87	34.02
Hannibal	1.66	2.98	4.07	4.53	1.16	2.31	0.27	1.35	3.91	2.77	3.24	1.11	29.36
Harrisonville	1.65	2.54	3.14	2.54	5.56	2.63	1.53	0.34	4.57	41.0	3.75	3.47	35.82
Harrthurst	0.76	2.02	1.76	4.01	6.50	3.33	3.67	1.84	2.19	5.60			
Hermann	3.55	1.75	4.58	3.90	1.12	1.62	2.54	0.42	6.15	6.22	3.50	1.12	36.47
Hollister	4.46	2.85	2.90	2.20	3.20	1.00	5.15	0.50	6.67	5.00	3.35	3.70	40.98
Houston	7.25	1.25	4.68	3.95	1.26	3.23	4.08	0.60	6.01	7.06	2.20	1.42	42.99
Ironton	7.48	1.34	6.15	4.28	2.13	1.88	3.73	2.00	5.30	8.15	2.45	2.37	47.26
Jackson	11.46	1.15	6.68	3.37	1.95	1.14	5.53	1.25	6.69	8.84	3.59	1.19	52.84
Jefferson City	3.26	1.77	5.95	3.22	2.11	2.17	2.77	2.20	7.17	2.59	3.31	2.40	38.92
Joplin	3.20	3.31	3.67	2.17	3.45		0.70		2.20	4.65	2.90	3.00	
Kansas City	0.65	3.07	2.24	2.05	4.45	2.81	3.86	0.93	4.14	5.64	1.80	3.35	34.99
Keytesville											3.50	1.88	
Kidder	0.78	1.41	1.88	2.58	5.18	3.20	4.56	1.50	1.54	6.03	1.52	2.24	32.42
Koshkonong	8.34	2.62	4.42	2.57	1.23	2.04	3.77	3.02	7.12	7.26	4.46	2.23	49.06
Lamar	1.94	2.65	3.73	2.81	2.34	1.67	4.96	0.50	2.91	3.88	1.50	2.69	31.58
Lamonte	2.47	2.25	3.07	3.90	2.56	2.00	3.35	1.03	6.30	3.47	4.82	3.00	38.22
Lebanon	4.06	2.58	6.50	2.44	3.98	4.47	2.78	0.91	4.86	4.66	4.06	1.95	43.25
Lexington	0.82	2.51	3.35	3.77	3.64	1.87	4.45	0.18	3.84	4.73	2.14	3.43	34.73
Liberty	0.36	2.96	2.64	3.46	5.51	0.37	3.86	0.58	2.90	6.54	2.34	3.51	35.03
Lockwood					2.54	0.63	4.14	0.83	4.32	4.96	1.76	2.54	
Louisiana	3.17	3.70	6.24	3.03	0.88	5.09	1.54	2.38	4.63	3.85	3.90	1.67	39.99
Macon	1.51	2.03	3.72	2.66	2.84	3.33	1.30	0.87	3.58	2.30	2.46	1.50	28.10
Marble Hill	11.70	1.05	5.90	3.75	2.45	0.84	3.12	3.41	5.13	6.25	4.58	1.35	49.43
Marshall	1.33	2.33	3.82	3.44	3.29	2.53	3.57		6.23	3.21	4.02	2.21	
Maryville	0.69	1.21	2.43	3.29	6.10	2.80	4.00	2.02	3.79	2.87	2.06	2.26	33.52
Mexico	3.40	2.92	5.17	3.71	1.74	0.79	2.43	0.66	5.80	2.59	4.08	2.06	35.35
Mountaingrove	5.22	1.29	3.73	4.95	1.15	4.84	3.40	2.23	5.93	4.85	2.28	2.19	42.06
Mount Vernon	3.70	2.89	7.20	2.35	1.31	2.85	5.49	0.20	4.50	3.47	3.74	2.33	40.03
Neosho	4.18	4.78	5.86	3.89	4.52	4.47	1.95	1.81	4.76	4.08	1.94	3.39	45.63
Nevada	0.74	2.46	3.90	2.73	3.07	2.14	2.06	0.19	5.19	3.99	2.08	3.46	32.01
New Madrid	15.65	2.86	6.49	3.96	1.58	1.27	2.73	1.09	5.41	5.82	1.57	1.99	50.42
Oakfield	4.59	1.13	6.94	4.15	0.97	1.92	2.67	1.52	5.10	7.62	3.53	1.48	41.62
Olden	7.75												
Oregon	0.63	1.16	1.84	2.56	5.71	2.16	0.69	0.53	3.41	2.72	2.54	2.63	26.58
Osceola				3.08	5.29	1.97	1.21						
Palmyra		3.91	3.49	3.13	2.03	5.45	0.35	1.37	6.03	2.30	3.31	1.73	
Pattonsburg				4.07	4.43	3.28	2.85						
Rolla	4.37	1.12	6.52	3.33	1.30	2.75	3.91	1.20	4.68	5.45	1.75	1.59	37.97
St. Catherine									2.35	2.88	1.43	1.44	
St. Charles	4.92	1.02	7.13	3.69	0.56	2.97	2.44	2.67	7.95	4.52	4.21	1.06	43.14
Springfield	3.40	2.40	5.09	2.05	2.38	2.71	3.84	0.68	3.85	3.57	1.59	2.71	34.27
St. Joseph	0.55	1.71	1.63	4.41	4.73	1.24	1.61	0.47	4.06	4.23	1.46	2.80	28.90
St. Louis (1)	4.34	1.20	7.97	3.57	1.53	1.55	3.61	1.59	4.50	4.08	3.12	1.62	38.68
St. Louis (2)	4.89	1.66	8.83	3.75	1.42	3.23	4.54	1.65	5.38	5.02	3.28	2.29	45.94
Steffenville	1.17	2.97	3.72	1.30	4.12	2.45	0.15	1.12	2.09	1.70	2.65	1.63	25.07
Sublett	0.70	1.20	1.52		9.12	3.65	2.50	0.70	3.45	4.45		2.45	
Tarkio	0.68	2.15	1.95	3.07	6.19	3.49	1.54	0.70	3.86	2.92	1.41	3.13	31.09
Trenton	0.67	1.75	1.75	3.78	6.09	3.99	3.70	1.22	1.79	5.60	2.21	2.39	34.94
Unionville	1.30	2.33	2.17	4.65	6.85	4.18	0.03	0.89	2.21	6.16	0.25	3.63	34.65
Vandalia	2.70	3.10	3.04	3.20	1.54	1.26	1.27	3.51	4.71	0.63	3.00	1.00	28.96
Warrensburg	1.06	2.80	3.22	3.24	2.64	1.26	2.93	0.11	4.77	4.00	3.97	3.33	33.33
Warrenton	3.70	1.61	5.38	4.24	0.95	2.08	3.67	0.74	5.12	4.63	3.85	1.29	37.46
Warsaw	2.59	2.88	4.65	4.25	2.76	1.65	1.41	2.29	2.97	3.75	3.31	3.47	35.98
Wheatland	3.13	3.10	4.27	4.70	4.64	1.54	0.20	0.65	5.58	3.55	2.55	2.43	36.34
Montana.													
Absarokee						2.08	2.75	1.81	1.40	2.88	0.73	0.04	
Adel	2.55	1.60	0.72	1.11	1.66	3.82	1.77	1.67	1.15	4.38	0.64	0.35	21.42
Agricultural College	0.78	0.47	0.44	1.65	2.53	3.19	2.17	0.90	2.00	3.15	1.24	0.15	18.67
Anaconda	2.18	0.50	1.02	1.25	1.75	3.78	1.25	0.76	0.46	1.20	1.00	0.41	15.56
Augusta	1.80	T.	0.15	0.80	2.39	3.83	3.12	0.80	0.57	3.01	0.24	0.24	16.95
Babb	1.43	0.98	0.88	0.33			2.45						
Bald Butte	4.38	1.26	1.87	0.90	1.04	5.60	1.64	1.74	1.32	2.59	1.30	0.27	23.91
Belton												0.18	
Bigtimber	0.20	0.42	1.18	0.78	2.76	2.35	2.56	1.07	0.46	4.49	0.35	0.10	16.72
Billings	0.43	0.07	0.86	0.22	1.49	2.15	1.27	1.41	1.80	2.57	0.26	0.16	12.69
Blackleaf	0.25	0.78	0.94	0.44	2.24	3.52	0.78	1.93	0.27	3.13	0.16	0.08	14.52
Boulder Nursery	1.01	1.03	1.05	0.77	1.90	5.31	2.08	1.31	1.10				
Bowen		0.35	0.33	0.73	1.41	4.18	1.43	0.23	0.75	0.73	1.23	0.39	
Box Elder						2.36	2.20	1.09	0.86	0.58	0.61	0.03	
Bretuner											0.88		
Bridger	0.29	T.	0.11	0.02	0.84	2.23	1.18	0.60	0.79	1.41	0.15	0.06	7.68
Broadview	0.28	0.10	0.78	0.24	1.85	3.34	1.92		2.42				
Browning	0.26	0.82	0.85	0.50	1.04	2.20	1.05	2.25	0.50	0.97	0.36	0.60	10.80
Bushby	0.88	0.21	1.04	0.79	3.06	2.56	1.04	0.91	2.06	1.71	0.04	0.08	14.38

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Montana—Continued.													
Busteed	0.56	0.22	0.97	0.65	2.81	2.66	2.04	1.28	1.64	2.88	0.32	0.12	16.15
Butte	0.32	0.14	0.64	1.41	1.57	8.86	1.69	1.09	0.54	0.65	0.52	0.12	17.55
Cameron											0.81	0.32	
Canyon Ferry	0.20	0.25	0.23	0.42	1.95	3.19	1.36	0.55	0.53	0.66	0.84	0.20	10.38
Cascade	1.12	0.57	0.92	1.54	2.23	3.74	1.67	0.57	1.13	3.39	1.38	0.30	18.56
Chessman Reservoir	2.17	1.44	1.47	1.58	1.98	5.00							
Chester	0.18	0.06	0.36	0.04	1.49	2.98	0.75	2.26	0.34	0.10	0.43	0.16	9.15
Chinook	0.86	0.01	0.42	1.46	1.94	2.90	0.95	1.42	0.25	0.76	0.85	T.	11.82
Clear Creek	2.55	0.10	0.68	1.50									
Clydepark	0.23	0.25	0.49	0.87	2.27	3.16	1.95	0.77	0.89	1.37	0.47	0.05	12.77
Columbia Falls	3.09	0.74	1.86	1.30	1.35	4.38	1.19	1.65	0.38	1.47	1.78	0.68	19.87
Como	0.73	0.72	1.02	1.03	1.29	3.15	1.07	0.30	0.57	1.35	1.08	0.04	12.35
Conrad	1.20	0.13	0.26		1.22	1.61	0.41	0.38	0.87	0.55	0.26	T.	
Copper	0.76	0.16	1.40	0.81	1.94	3.53	2.46	0.67	0.37	1.44	1.13	0.09	14.76
Crow Agency	1.11	0.44	1.39	0.63	1.26	1.65	0.87	1.04	2.66	1.68	0.64	T.	13.37
Culbertson	0.70	0.10	1.10	0.09	2.35	2.82	1.87	2.80	0.50	1.45	0.18	T.	13.96
Cut Bank	0.48	0.10	0.18	0.26	1.50	2.58	4.49	1.05	T.	1.15	0.10	0.00	11.89
Dayton	3.00	0.95	1.79	0.80	1.40	2.45	0.60	1.20	0.30	0.65	1.15	0.37	14.66
Deer Lodge	0.83	0.43	0.22	1.03	1.18	3.41	1.11	0.73	0.58	1.89			
Denton	1.43	0.30	0.32	1.07	2.54	4.23	1.43	0.45	1.80	1.46	0.69	0.19	15.91
Dillon	0.61	0.80	2.39	1.43	2.78	6.02	1.61	1.79	1.77	1.77	0.68	0.27	21.92
Dry Wolf Camp	3.51	0.76	0.76	1.03									
Dunkirk	0.50	0.13	0.25	0.49	1.52	2.04	1.42	2.43	0.64	0.17	0.26	T.	9.85
East Anaconda	0.50	0.25	0.65	1.03	1.48	3.60	1.72	0.89	0.44	0.51	1.13	0.37	12.57
Ekalaka	0.20	0.02	0.40	0.07	1.48	2.24	3.23	1.07	2.45	0.82	0.19	T.	12.17
Fallon	0.25	T.	0.91	0.05	1.72	2.93	1.07	4.24	2.50	1.54	0.25	0.00	15.46
Findon	0.91	0.28	1.26	1.16	3.02	6.13	1.81	0.89	0.79	2.15	0.53	0.02	18.95
Fish Creek	0.91												
Flathead Creek	0.64	0.23	0.63	0.58	2.71	6.44	2.66	0.58	0.63	1.41		1.18	
Flatwillow							1.30	0.86	0.76	1.44	0.56	0.08	
Forsyth	1.13	0.17	0.85	T.	2.67	2.77	1.46	1.24	2.43	1.68	1.09	0.03	15.52
Fort Benton	1.30	0.40	0.90	0.24									
Fortine	2.03	0.50	1.82	0.46	1.60	4.24	0.99	1.80	1.18	0.89	0.66	0.33	16.50
Fort Shaw	1.12	0.09	0.13	0.09	1.06	3.01	2.06	0.54	0.68	2.48	0.46	0.08	12.70
Foster	0.57	0.14	0.49	0.29	1.46	2.34	0.84	1.16	2.47	1.91	0.30	0.13	12.10
Garneil	3.40	1.68	1.70	0.90	2.73	8.30	4.61	1.59	2.54	1.57	0.40	0.64	30.06
Geyser					3.04	4.97	2.39	0.37	0.53	1.82		0.14	
Glacier Park											0.54	0.06	
Glasgow	0.95	0.05	0.69	0.04	2.07	2.33	1.08	1.11	0.23	2.23			
Glendive	0.43	T.	0.98	0.53	1.34	2.23	0.93	2.22	2.12	1.85	0.10	0.00	12.73
Goldbutte	1.03	0.31	0.44	0.61	1.10	2.19	1.09	2.67	0.58	0.36	0.16	0.01	10.55
Graham	0.87	0.23	0.63	0.20	1.75	2.86	2.06	1.07	3.06	2.02	0.08	0.05	14.88
Great Falls	1.25	0.25	0.61	1.90	1.77	2.94	1.87	1.11	0.97	2.65	0.60	0.27	16.19
Hamilton	0.52	0.44	0.45	1.09	1.12	2.73	0.59	0.61	0.33	0.92	0.43	0.04	9.27
Harlowton	0.18	0.36	0.06	0.11	0.03	3.26	1.41	0.54		1.36	0.31	0.00	
Hat Creek	3.31	0.61	1.18	1.53	3.04	4.00	2.39	1.79	2.06	2.97	1.30	0.32	24.50
Haugan	6.44	0.93	3.34	1.03	1.43	2.26	0.65	1.06	0.54	2.08	3.73	0.76	24.25
Havre	1.46	0.06	0.65	1.35	1.80	1.48	1.28	0.74	0.82	0.88	0.83	0.02	11.37
Hebgen Dam	3.98	1.03	2.84	2.56	2.35	3.90	4.53	0.79	1.35	1.89	1.23	0.61	27.06
Helena	0.79	0.41	0.64	1.07	2.00	2.64	1.47	0.60	0.36	1.39	0.52	0.11	12.00
Heron	2.36	1.15	5.53	1.14	2.55	3.48	0.96	0.88	1.03	1.99	5.66	0.29	27.02
Highwood	2.06	1.00	0.86	1.43	2.38	4.18	2.57	1.83	3.00	3.41	0.84	0.23	23.79
Huntley	0.41	0.08	1.03	0.36	1.39	1.96	1.11	1.26	1.66	2.60	0.40	0.23	12.49
Jordan	0.80	0.22	0.48	0.38	1.57								
Kalispell	2.69	0.33	1.73	0.86	0.92	3.21	0.38	0.61	0.31	1.29	1.16	0.48	13.97
Knoble's Ranch	0.87	0.84	1.27	0.53	1.48	3.46	2.05	3.85	1.08	1.26	0.12	T.	16.81
Lewistown	1.31	0.31	0.27	0.69	2.26	6.33	1.66	1.12	1.88	1.82	0.69	0.36	18.70
Libby	3.06	0.24	0.95	0.21	0.55	2.33	0.64	0.91	1.16	0.79	1.67	0.76	13.27
Lima											0.58	0.16	
Lonetree	2.19	0.29	0.47	2.03	2.40	2.05	1.61	0.66	1.93	2.65			
Lothair	0.82	T.	0.40	1.00	1.90	3.90	1.35	2.10	0.45	0.65	0.50	0.15	11.22
Lytle	0.72	0.15	0.65	1.15	1.32	1.77	0.86	2.09	0.85	1.96	0.18	T.	11.70
Malta	0.37	0.04	0.60	0.21	2.97	2.44	0.67	1.67	0.31	1.69	0.30	0.02	11.29
Medicine Lake	0.21	T.	1.20	0.18	1.42	2.27	1.00	1.14	0.63	1.66	0.43	0.08	10.22
Melstone			1.53	0.35	1.76	4.42	2.13	0.58	1.65	2.46	0.30	0.04	
Mildred	0.04	0.03	1.11	1.04	2.20	3.62	1.00	4.23	2.15	1.75	0.12	T.	17.29
Miles City	1.80	0.25	1.88	0.40	2.52	3.32	0.71	2.24	2.97	1.83	0.04	0.02	17.98
Missoula	3.06	0.19	1.18	1.46	1.44	2.39	1.03	1.52	0.74	2.39	0.94		
Norris	0.19	0.45	0.91	0.75	1.94	5.72	2.17	0.27	2.54	3.60	0.34	0.19	19.07
Olsen Creek	1.21	0.09	0.90	0.99	0.96								
Ophir	4.63												
Ovando	3.68	0.47	2.46	1.51	1.78	4.05	1.39	1.12	0.46	1.92	1.06	0.36	20.26
Philipsburg	0.45	0.50	1.00	1.90	1.66	4.95	1.27	0.48	0.45	2.02	1.40	0.20	16.28
Pinegrove	3.50	0.80	1.40	0.17	2.65	3.79	1.86	0.85	1.40	3.04	0.33	0.30	20.59
Pipestone Pass	0.63	0.58	0.83	1.27	2.24	3.92	2.11	1.17					
Plains	3.05	0.10	0.81	0.43	1.72	2.36	1.46	0.95	0.66	1.50	1.65	0.40	15.09
Pleasant Valley	2.77	0.57	2.59	1.55	1.53	1.88	0.69	0.93	0.44	1.01	1.22	0.76	15.94
Plevna	0.30	0 07	0.86	0.14	1.56	2.57	1.76	1.54	2.36	0.79	0.29	T.	12.24
Polson	1.43	0.00	1.68	0.40	1.47	2.41	1.45	0.99			1.94	0.30	
Poplar	0.20	T.	0.38	T.	1.87	2.42	1.61	2.14	0.60	1.62	0.22	T.	11.06
Red Lodge	1.17	0.42	1.08	0.67	1.11	2.68	2.19	1.06	1.45	3.91	0.60	0.11	16.45
Renova	0.20	0.06	0.63	1.00	2.14	3.43	2.52	0.54	0.48	0.69	0.84	T.	12.53
Ryegate	0.56	0.05	1.02			4.16	1.65	0.58	0.84	2.13	0.55	0.11	
St. Ignatius	0.76	0.40	0.76	1.06	2.96	3.42	1.36	1.76	0.93	1.97	1.36	0.41	17.15
St. Marys Lake												0.02	
Saltese		1.89	3.70	0.93	2.39	3.35	1.56	1.18	0.74	2.50	4.78	1.14	
Savage	0.33	0.10	0.68	0.28	1.78	2.22	1.57	1.36	0.71	1.27	0.15	T.	10.45
Shelby	0.16	0.05	0.07	0.55	1.47	2.46	0.46	3.31	0.53	0.32	0.35	T.	9.73
Sidney	0.34	T.	0.38	0.09	0.93	1.47	1.34	2.27	0.90	1.89	T.	T.	9.61
Springbrook	1.63	0.12	2.25	0.80	1.80	3.39	0.93	2.56	0.88	2.75	0.42	0.04	17.57
Stacey											0.10	T.	
Steeles Ranch							1.41	1.50	1.57				
Stevensville	1.66	0.49	1.06	1.33	0.96	3.43	0.45	1.15	0.36	2.04	0.75	0.07	13.75
Sunlit Farm	1.25	T.	0.18	0.75	1.73	3.00	1.58	1.51	0.60	0.47	0.12	0.24	11.43
Sun River Canyon	2.19	0.20	0.75	0.77		4.20	0.81	0.97	0.66	1.52	0.44	0.13	
Thompson Falls	4.21	0.46	2.51	0.73	1.52	2.18	2.94	0.76	0.52	2.01	2.56	0.38	20.78

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Montana—Continued.													
Three Forks	0.21	0.48	0.50	1.35	1.93	3.37	2.42	0.37	0.42	1.98	1.26	0.08	14.37
Trout Creek	.....	.....	2.27	1.29	2.86	2.10	1.05	1.25	0.54	.....	3.27	2.08	.....
Utica	1.45	0.35	0.38	2.00	2.78	4.64	2.14	0.59	1.13	2.59	1.60	0.26	19.91
Valentine	2.28	0.02	0.56	0.41	2.60	4.69	4.98	1.13	0.85	1.61	0.74	0.02	19.89
Valier	0.48	0.12	0.23	0.36	1.52	3.98	0.81	1.88	0.50	0.35	0.27	0.00	10.50
Victor	.....	.....	.....	.....	0.72	3.20	0.35	1.04	0.32	.....	0.70	0.13	.....
Wall Rock Mountain	1.10	0.78	1.14	1.06	1.57	4.07	2.56	1.08	0.57	1.51	0.65	0.35	16.44
Wheaton	1.95	0.20	1.48	0.22	2.87	3.90	1.40	1.38	0.67	0.73	0.34	0.48	15.62
Whites Ranch	0.19	.....	.....	.....	2.27	.....	.....	.....	.....	.....	.....	.....	.....
White Sulphur Springs	0.38	0.20	0.79	0.43	1.39	2.55	1.81	0.70	0.50	0.86	0.42	0.07	10.10
Wilder	1.73	0.07	1.24	0.81	2.12	4.28	1.42	0.41	0.57	1.92	0.42	T.	14.99
Wolf Creek	0.87	0.45	0.37	0.96	2.40	3.83	1.66	0.94	1.03	2.09	1.02	0.13	15.75
Zortman	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.08	.....
Nebraska.													
Ainsworth	0.53	1.20	2.47	3.40	5.65	2.48	3.64	1.35	2.19	0.33	0.72	1.82	25.78
Albion	0.10	0.60	1.68	3.66	4.07	4.51	1.79	3.26	1.86	0.06	1.28	3.80	26.67
Alliance	0.05	0.55	0.80	0.95	1.65	1.25	5.85	0.75	0.70	0.20	0.10	1.10	13.75
Alma	0.15	0.70	0.70	2.50	2.52	4.19	0.33	0.06	2.03	0.28	0.78	4.62	19.46
Arcadia	0.30	1.10	1.88	3.56	3.02	3.50	2.40	1.95	2.74	T.	0.67	4.82	25.94
Arden	0.21	0.90	2.92	4.64	5.30	1.76	1.43	4.23	1.79	0.12	0.47	3.18	26.95
Ashland	0.72	0.96	1.93	2.62	8.06	2.31	3.45	0.25	3.67	0.71	1.65	3.06	29.39
Ashton	0.02	0.60	0.60	2.86	3.10	3.78	2.01	3.56	2.53	0.02	0.56	4.55	24.19
Atkinson	0.20	1.15	1.24	3.25	5.26	1.41	3.08	1.49	1.10	1.10	0.48	0.45	20.21
Auburn	0.74	1.20	1.09	3.10	6.67	1.40	0.82	1.11	4.61	2.09	1.21	4.39	28.43
Aurora	0.30	0.85	1.87	4.31	5.90	2.96	2.88	2.02	1.86	0.31	1.65	.....	.....
Beatrice	0.49	0.81	0.69	2.40	6.98	3.81	0.62	0.73	3.00	0.87	0.83	4.76	26.99
Beaver City	0.29	0.56	1.46	3.04	1.99	2.62	1.80	0.57	1.90	0.19	0.59	4.75	19.76
Bellevue	0.82	0.70	2.40	3.57	5.58	4.24	1.12	0.22	5.14	2.15	1.60	2.51	30.05
Benkelman	.....	.....	.....	.....	.....	.....	.....	.....	2.54	1.10	0.10	3.10	.....
Bertrand	0.20	1.23	0.61	2.84	2.28	2.48	1.53	1.37	0.95	0.01	0.44	3.93	17.87
Blair	0.60	0.63	3.00	3.06	6.09	3.49	2.08	0.33	6.05	2.36	1.02	2.12	30.83
Blake	0.05	0.60	1.00	3.56	3.65	5.09	2.25	1.96	2.18	0.50	0.55	1.60	22.99
Bloomfield	0.23	0.80	1.82	4.60	6.72	2.11	2.51	2.07	1.31	0.57	0.60	3.66	27.00
Bradshaw	0.54	0.70	2.58	3.91	4.10	4.69	2.22	1.06	3.86	0.16	1.75	5.62	31.19
Brewster	0.08	0.38	0.87	2.52	3.02	3.23	1.81	3.89	0.69	0.23	0.27	1.78	18.77
Bridgeport	0.25	1.05	1.70	1.48	2.09	1.59	3.27	0.84	1.07	0.35	T.	2.30	15.99
Broken Bow	0.07	0.69	2.29	3.23	2.76	3.32	2.11	1.29	2.33	0.22	1.27	5.32	24.90
Bruning	0.36	0.82	1.15	1.79	4.96	3.44	0.53	0.46	2.11	1.18	1.56	4.42	22.78
Burge	T.	0.50	1.20	2.65	2.20	2.60	3.08	2.83	T.	.....	T.	1.50	.....
Burwell	0.15	0.55	1.25	3.06	4.24	4.03	2.41	1.35	2.91	0.58	0.50	4.04	25.07
Butte	0.35	0.59	2.38	3.94	2.63	1.74	2.13	2.14	1.30	0.48	0.48	0.22	18.38
Cairo	0.25	0.85	1.91	3.70	4.48	3.58	2.35	0.68	2.84	0.02	1.29	5.62	27.57
Callaway	0.15	1.04	1.75	2.87	1.03	2.27	1.68	0.23	1.80	.....	2.04	.....	.....
Cambridge	0.40	1.10	0.70	3.06	3.55	2.15	2.66	1.18	1.18	0.42	0.68	5.05	22.13
Columbus	0.25	1.42	2.42	2.07	6.03	5.74	2.50	3.28	2.16	T.	0.95	3.23	30.05
Crete	0.49	1.52	1.10	1.91	5.00	3.47	0.94	0.48	3.92	0.90	2.39	4.90	27.02
Culbertson	0.05	0.40	1.20	2.91	1.42	3.18	1.60	1.24	1.63	0.39	0.50	3.74	18.26
Curly	0.32	0.59	0.57	0.74	2.21	1.51	2.35	1.91	1.36	.....	.....	1.23	.....
Curtis	0.06	1.13	1.95	4.79	1.81	4.96	6.33	0.96	2.08	0.22	0.14	6.03	30.46
Dalton	.....	.....	.....	.....	.....	.....	5.54	0.75	2.15	0.53	.....	.....	.....
David City	0.84	0.94	2.54	2.90	5.60	5.35	4.34	0.97	2.82	0.47	1.34	3.49	31.60
Du Bois	0.76	1.65	1.60	2.61	5.75	2.43	0.13	0.20	6.51	3.01	1.22	4.88	30.75
Dumas	0.15	1.05	1.19	2.79	3.75	6.21	1.77	1.63	2.71	0.17	0.37	2.11	23.90
Elm Creek	0.17	0.83	1.12	3.97	4.73	5.38	1.26	0.83	1.02	0.00	0.69	5.60	25.40
Elsie	0.20	0.90	0.95	1.20	1.45	3.74	2.77	0.33	3.39	0.23	0.06	2.91	18.13
Ericson	0.10	0.40	0.95	.....	4.06	3.98	2.12	1.72	1.62	0.02	0.57	3.66	.....
Ewing	0.10	0.60	1.20	2.85	4.92	2.35	1.40	1.71	1.94	0.05	0.67	1.15	18.94
Exeter	0.40	1.05	2.10	2.05	5.95	2.51	0.85	T.	2.59	.....	2.25	.....	.....
Fairbury	0.43	1.19	1.09	2.91	8.17	5.36	0.20	1.28	3.56	0.93	2.04	4.20	31.36
Fairmont	0.52	1.00	1.63	1.91	4.46	2.09	1.19	0.33	3.20	0.58	1.99	3.44	22.34
Falls City	0.10	1.38	2.08	2.74	4.12	2.57	0.64	0.91	3.92	2.83	3.48	4.10	28.87
Fort Robinson	0.27	1.03	0.77	0.47	3.50	0.73	3.51	1.20	1.72	1.62	0.17	2.35	17.34
Franklin	0.10	0.89	0.84	2.62	2.53	2.03	0.30	0.28	3.20	0.13	1.30	4.41	18.63
Fremont	1.15	0.85	1.99	2.52	4.88	6.11	2.28	0.82	3.06	1.18	0.72	2.29	27.85
Fullerton	0.30	1.20	3.95	4.21	4.93	7.03	2.47	2.66	3.19	T.	0.95	4.90	35.79
Geneva	0.63	1.30	1.09	2.50	7.14	2.99	0.96	0.21	2.93	1.04	1.83	4.30	26.92
Genoa	0.25	0.85	1.80	2.80	3.45	6.50	2.33	3.20	3.48	0.08	1.35	4.17	30.26
Gordon	0.40	0.60	0.60	2.26	1.77	1.94	1.95	1.39	2.18	0.20	0.00	.....	.....
Gosper	0.20	0.65	0.45	2.43	2.82	2.51	2.03	1.75	2.64	0.05	0.84	4.51	20.88
Gothenburg	0.30	1.05	1.02	2.92	2.07	3.58	2.87	0.75	0.95	0.26	1.03	3.91	20.71
Grand Island	0.41	0.86	2.78	4.41	3.23	3.88	2.08	1.66	1.04	0.21	1.52	5.00	27.08
Grant	0.07	0.80	0.76	1.62	1.47	1.67	1.72	0.73	2.22	0.08	T.	2.80	13.94
Greeley	0.40	1.18	3.03	4.02	3.63	4.00	1.68	2.32	1.39	0.11	0.71	3.75	26.22
Guide Rock	0.45	0.80	0.94	2.90	4.30	3.18	0.45	0.09	2.75	0.33	2.34	4.75	23.28
Haigler	0.45	1.00	.....	0.97	1.23	1.31	0.73	0.00	1.93	0.00	0.00	.....	.....
Halsey	0.09	0.89	1.66	2.81	3.18	1.13	3.09	2.23	1.25	0.64	0.02	1.99	18.98
Harvard	0.51	1.59	1.15	3.34	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartington	0.07	1.39	1.40	5.74	9.05	3.09	2.48	1.33	1.42	0.34	0.43	0.37	27.11
Hastings	0.47	0.95	1.88	3.36	2.92	2.49	1.93	0.79	2.03	T.	2.16	4.93	23.91
Hayes Center	0.65	1.75	2.55	1.55	2.55	2.30	1.69	0.65	2.41	0.69	1.12	6.18	24.09
Hay Springs	0.55	0.40	1.45	1.78	2.62	1.85	2.27	1.36	1.91	0.64	T.	1.75	16.58
Hebron	0.40	1.12	1.31	2.20	6.45	3.02	0.32	T.	3.03	0.94	1.52	4.29	24.60
Hemingford	0.05	0.32	1.05	0.65	2.54	0.68	2.14	1.38	1.23	0.33	0.11	1.07	11.55
Hendley	0.40	0.80	2.02	3.48	2.76	1.59	1.03	0.51	0.90	0.24	0.85	4.75	19.33
Hershey	0.07	0.79	1.19	1.99	2.36	4.04	2.99	1.17	1.33	0.12	0.10	3.10	19.25
Hillside	0.12	0.49	1.22	2.14	1.71	1.82	5.65	0.70	1.25	0.30	0.10	3.38	18.88
Holdrege	0.25	1.30	1.45	4.12	1.31	2.63	0.56	1.05	2.84	T.	0.32	4.19	20.02
Hooper	0.80	.....	.....	.....	5.55	8.20	1.33	2.50	1.82	.....	0.92	1.55	.....
Hull	0.14	0.46	0.33	1.31	1.95	1.46	4.38	1.00	2.30	0.62	0.12	2.63	16.68
Imperial	0.15	0.77	0.82	1.93	1.69	2.00	3.13	0.19	1.45	0.30	0.32	3.85	16.60
Kearney	0.30	1.15	1.44	3.58	1.95	3.05	0.96	0.97	1.98	0.05	0.58	4.62	20.63
Kimball	0.20	0.70	1.10	0.55	1.26	0.62	3.65	1.65	1.69	0.18	T.	2.53	14.13
Kirkwood	0.80	0.75	1.78	2.05	3.13	0.93	3.46	2.71	0.57	0.52	0.46	0.54	17.20
Kowanda	0.24	2.10	1.06	1.52	1.98	2.02	3.19	1.34	2.71	0.49	0.08	1.87	18.60

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Nebraska—Continued.													
Lexington	0.35	1.40	0.84	1.14	2.17	4.44	1.65	1.01	1.50	0.06	0.88	3.93	19.36
Lincoln	0.31	0.90	1.55	2.46	6.02	2.27	1.95	0.31	3.30	0.70	2.43	4.03	26.23
Lodgepole	0.10	1.25	1.40	2.88	1.24	1.04	1.71	0.92	3.85	0.74	0.07	2.29	17.49
Loup City	0.15	0.42	1.12	3.27	2.91	3.64	3.17	3.13	2.39	0.04	0.59	5.54	26.37
Loyal							1.21	1.72	1.56	0.05	0.21	3.51	.....
Lynch						1.97	1.90	2.94	1.30	1.35	0.31	0.26	.....
McCook	0.00							0.36	1.57	0.25	0.43	3.19	.....
McCool Junction	0.60	1.20	2.35	2.13	4.77	1.43	1.22	0.54	2.46	0.05	2.20	4.86	23.81
Madison	0.40	1.00	1.78	5.17	4.05	2.21	1.37	4.37	1.45	0.19	1.15	2.26	25.40
Marquette	0.20	0.65	1.96	3.43	3.31	3.07	3.46	1.38	2.54	T.	1.54	4.34	25.88
Mary	0.09	0.84	1.96	2.04	3.18	2.70	2.44	1.13	1.22	0.38	0.25	2.13	18.36
Mason City	0.45	1.02	2.22	1.94	1.75	2.03	2.92	1.58	2.13	0.20	0.65	5.65	22.54
Minatare	0.75	0.54	1.12	0.33	1.58	2.83	2.96	2.11	1.01	0.31	0.03	1.71	15.28
Minden	0.23	0.94	1.40	4.34	1.00	2.11	0.85	0.70	3.15	0.04	0.91	5.04	20.71
Mitchell	0.08	0.46	0.85	0.23	3.51	1.28	2.48	4.37	1.21	0.38	0.16	1.07	16.08
Nebraska City	0.75	1.10	1.95	3.15	7.45	3.70	0.76	0.20	4.34	1.91	1.92	4.55	31.78
Nelson	0.30	0.51	0.28	2.59	2.26	1.47	0.48	0.00	2.41	0.70	2.35	5.39	18.74
Norfolk	0.22	0.55	1.67	4.61	4.02	3.03	1.79	3.15	2.87	0.39	1.05	1.90	25.25
North Loup	0.17	0.78	1.05	3.80	3.41	5.22	1.75	2.28	1.90	T.	0.71	4.74	25.81
North Platte	0.16	0.94	1.68	2.07	3.50	2.13	3.37	0.98	0.90	0.14	0.14	3.09	19.10
Oakdale	0.20	0.80	1.90	4.30	3.34	3.70	1.27	1.98	1.54	0.16	0.61	1.86	21.66
Omaha	0.69	0.64	3.03	3.00	5.27	2.28	1.92	0.18	3.62	1.06	1.15	2.19	25.03
O'Neill	0.05	0.57	2.00	2.83	6.02	1.52	2.85	2.59	1.44	1.15	0.53	0.53	22.08
Ord	0.30	0.60	2.25	3.08	4.38	3.01	2.58	2.85	2.89	0.00	0.69	5.25	27.88
Orleans	0.30	0.80	0.55	3.15	0.75	3.67	0.05	0.11	2.72	0.27	1.04	5.20	18.61
Osceola	0.60	0.80	1.90	2.61	3.29	3.92	2.63	1.16	2.45	.....	1.62	1.03	.....
Oshkosh						1.69	3.85	1.19	2.48	0.47	0.06	2.35	.....
Palisade	0.20	1.10	0.53	1.44	0.73	1.43	1.45	0.43	1.43	0.40	0.26	3.03	12.42
Pawnee City	0.40	0.75	1.40	2.96	6.77	2.68	0.18	1.47	4.00	2.72	1.11	4.62	29.06
Paxton	0.25	1.40	1.37	2.36	3.02	1.65	4.01	0.77	2.23	0.04	T.	2.88	19.98
Plymouth	0.18	0.73				2.60	0.20	0.49	2.81	0.75	1.92	3.78	.....
Purdun	0.10	1.17	1.10	2.71	3.94	2.38	2.42	1.09	1.34	0.63	0.10	2.02	19.00
Ravenna	0.30	0.78	1.55	3.24	4.83	3.17	2.34	1.55	2.12	0.20	0.80	4.99	25.87
Red Cloud	0.31	0.78	0.82	2.06	4.59	2.44	0.58	0.46	3.64	0.07	2.42	4.11	22.28
St. Libory	0.60	0.85	1.55	4.16	4.88	4.44	2.53	0.99	2.23	0.08	1.22	5.26	28.79
St. Paul	0.09	0.44	1.02	3.24	4.59	4.49	1.81	1.18	1.90	0.02	0.90	4.19	23.87
Santee	0.08	0.42	1.86	3.33	5.19	5.68	1.11	3.15	T.	1.00			.....
Scottsbluff	0.20	0.77	1.18	0.34	3.12	2.39	2.52	2.03	1.27	0.44	0.13	2.22	16.61
Schuyler	0.49	0.71	1.55	2.07	3.35	7.43	2.74	1.77	2.83	0.13	1.15	2.95	27.17
Seward	0.50	1.20	2.37	3.04	7.74	2.08	0.80	0.49	3.26	0.97	1.39	4.11	27.95
Sidney	0.35	0.70	1.55	2.79	1.49	1.89	3.31	1.99	2.03	0.52	0.10	3.26	19.98
Springfield	0.70	0.65	3.04	3.62	5.72	3.83	1.48	0.03	4.70	1.51	1.00	3.91	30.19
Springview	0.20	0.80	1.73	3.10	2.70	1.72	4.95	3.09	0.19	0.29			.....
Stanton	0.50	0.70	2.78	3.48	2.79	4.93	2.09	2.19	2.13	0.60	0.90	1.85	24.94
Stapleton							2.18	3.16	1.18			2.62	.....
Stratton	0.30	1.10	1.22	1.35	1.37	1.57	2.43	0.15	1.72	1.30	0.10	3.40	16.01
Superior	0.40	1.10	0.50	1.85	4.35	2.39	0.28	0.00	2.33	0.00	1.75	4.05	19.00
Syracuse	1.12	1.50	1.82	3.11	6.85	6.20	0.73	0.39	3.33	1.51	1.58	4.14	32.28
Table Rock	0.82	1.44	1.35	3.42	6.87	1.80	0.97	1.50	3.97	2.69	1.53	4.42	30.78
Tecumseh	0.72	1.13	1.06	4.06	6.70	1.91		0.40	4.52	1.80	1.12	3.75	.....
Tekamah	0.70	1.05	2.56	2.77	8.08	3.42	3.24	1.71	3.75	2.26	0.87	1.48	31.89
University Farm	0.33	0.90	2.17	2.44	5.86	2.57	2.37	0.25	3.50	0.85	2.40	4.03	27.67
Upland										T.	1.29	5.24	.....
Valentine	0.15	0.44	1.19	2.94	3.13	1.03	3.94	2.54	1.15	0.19	0.45	0.88	18.03
Wahoo	0.80	1.20	3.32	3.12	6.85	2.50	3.38	0.90	4.08	1.48	2.33	4.10	34.06
Wakefield	0.29	0.69	1.95	5.71	5.20	1.07	1.61	2.03	1.80	0.54	0.77	1.07	22.73
Walthill	0.60	0.68	1.87	5.60	5.19	1.87	2.34	3.55	1.82	0.20	0.77	1.49	25.98
Watertown	0.30	0.70	0.60	3.35	2.87	3.06	2.85	0.90	1.70	0.00	0.82	4.53	21.68
Waumeta	0.35	1.40	0.60	2.55	1.25	2.55	1.25	0.30	1.95	0.30	0.30	3.25	16.05
Weeping Water	0.42	0.67	2.16	3.15	5.13	5.42	1.64	1.25	4.84	1.83	2.16	3.96	32.63
Westpoint		0.75	2.44	5.08	5.23	2.56	2.40	2.05	3.52	0.62	1.49	1.81	.....
Wisner	0.28	0.56	2.50	4.12	4.39	3.09	1.94	3.29	1.12	0.23	1.41	2.30	25.23
York	0.65	0.90	1.98	2.42	3.30	3.19	1.17	0.53	2.63	0.15	1.73	4.46	23.11
Nevada.													
Arthur	0.35	1.04	1.00	1.80	1.00	3.30	1.10	0.30	0.96	1.40	2.00	1.10	15.25
Austin	0.95	0.15	0.97	2.00	.....	2.86	1.60	2.70	0.48	0.30			.....
Battle Mountain	0.27	0.65	0.38	0.56	0.41	2.53	1.64	0.37	0.67	T.	0.90	0.78	8.56
Beowawe	0.90	0.50	1.05	0.13	.....	3.28	2.12	1.06	0.50	1.38	1.18	1.06	.....
Cahente	0.04	1.17	0.30	0.06	0.05	0.04	T.	0.18	0.10	0.00	1.06	0.60	3.60
Carlin	0.09	T.	0.10	0.75	1.55	2.66	1.10	0	1.00	0.46	2.02	.....	.....
Carson Dam	0.29	0.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cherry Creek	0.25	1.02	0.45	1.16	1.66	2.92	2.10	1.33	0.52	0.51	0.70	0.54	13.16
Clover Valley	0.79	0.38	0.40	0.87	0.93	3.72	0.55	1.33	0.25	0.94	2.08	1.17	13.41
Columbia	0.25	0.58	0.48	0.37	1.80	1.84	1.03	1.71	2.20	0.02	0.83	0.32	11.43
Dry Farm	0.60	0.80	0.91	1.16	1.26	2.76	0.88	0.30	0.44	1.20	2.19	1.96	14.46
East Rochester									T.	0.50	2.07	0.84	.....
Elko	0.49	0.31	0.33	0.30	1.27	4.08	1.10	T.	0.89	0.37	1.67	0.60	11.41
Eureka	0.48	1.02	0.75	1.68	3.16	3.79	1.42	0.81	0.57	0.15	1.14	0.23	15.20
Fallon	0.25	0.21	0.26	0.25	2.15	0.99	1.53	0.94	0.03	0.04	1.14	0.30	8.09
Fernley	0.60	0.10	0.03	0.09	3.34	1.25	0.75	0.70	0	0	1.71	1.13	9.70
Gardnerville	1.27	0.25	0.21	0.17	1.20	0.84	1.77	0.57	0	0.02	1.38	3.16	10.84
Gerlach	0.06	0	0.01	0.03	0.70	1.60	0.27	T.	0	0	1.05	0.44	4.16
Geyser	T.	0.85	0.20	1.90	2.00	0.50	0.20	0.28	0.40	.....	.....	0.70	.....
Glenbrook	4.95	0.42	0.08	1.10	.....	.....	.....	.....	.....	.....	1.29	5.28	.....
Golconda	0.70	0.20	0.15	0.81	0.75	2.82	4.51	0.13	0.11	0.15	0.63	1.07	12.03
Gold Creek											1.90	1.68	.....
Halleck	0.49	0.25	0.42	1.00	.....	.....	0.87	0.33	0.19	0.04	1.35	0.85	.....
Hytton	0.66	0.62	1.02	1.33	2.01	2.04	1.38	0	0	0.67	1.15	2.05	13.43
Indian Springs											1.50	0.20	.....
Jack Creek										1.89	2.65	2.28	.....
Jean	0.30	0.40	.....	0.25	0.00	T.	.....	0.52	0.23	T.	1.25	0.00	.....
Lahontan	0.22	0.08	0.03	0.31	2.17	1.37	0.54	1.18	0.05	0.08	1.44	1.51	8.98
Las Vegas	0.12	1.70	0.01	0.30	T.	0.31	0.35	0.86	0.15	T.	1.09	0.70	4.59
Lewers Ranch	3.55	0.90	0.60	0.40	2.13	1.52	1.42	1.85	0	T.	3.33	4.10	19.80

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Nevada—Continued.													
Lida	0.09	1.66	0.29	0.03	2.53	2.58	1.48	2.00	0.36	T.	1.78	0.60	13.40
Logan	0.01	0.23	0.00	0.22	0.00	0.08	0.05	0.74	0.21	0.00	0.42	0.19	2.15
Lovelocks	.....	0.04	0.35	0.07	1.69	1.36	2.16	.....	.....	.....	.....	.....	.....
McDermit	.....	.....	.....	1.86	0.87	3.89	1.75	0.05	0.75	0.24	1.41	1.73	.....
McGill	0.69	0.70	0.25	1.19	0.78	1.48	2.30	1.07	0.20	0.65	1.01	0.87	11.19
Marlette Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.29	.....
Metropolis	0.64	0.05	0.65	0.41	0.96	3.32	0.61	0.08	0.30	0.61	1.71	1.50	10.84
Mill City	0.32	0.02	0.10	.....	0.52	1.67	2.29	T.	0.30	0.10	.....	.....	.....
Millett	0.10	0.48	0.17	0.56	1.72	0.93	0.38	1.11	0.52	T.	0.43	0.20	6.60
Mina	0.06	0.35	0.15	0.07	1.59	0.98	2.67	0.35	0.95	0.11	0.27	1.13	8.68
North Fork	2.44	0.07	0.28	0.12	0.38	2.26	1.21	1.63	0.05	0.73	1.54	0.79	11.50
Oasis Ranch	0.13	0.87	0.09	0.27	1.83	0.76	0.95	1.55	0.30	T.	1.65	1.43	9.83
Potts	0.24	0.48	0.35	0.40	3.40	3.50	2.36	0.54	0.05	0.00	0.06	0.70	12.08
Quinn River Ranch	0.67	0.12	0.01	0.20	1.18	1.74	0.30	0.72	T.	0.57	0.86	2.65	9.02
Rebel Creek	1.23	0.10	0.52	1.07	0.91	3.09	0.41	.....	.....	.....	.....	.....	.....
Reno	1.46	0.34	0.05	0.47	1.00	0.74	1.75	1.08	0.08	T.	1.51	3.09	11.57
Rhyolite	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	.....
Rose Creek	0.60	0.32	0.53	1.58	0.75	2.77	3.03	0.52	0.63	1.17	1.85	1.92	15.67
Sand Pass	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.48	2.00	.....
San Jacinto	0.25	0.11	0.07	1.25	0.82	2.85	1.53	0.85	0.50	0.60	0.90	0.71	10.44
Smith	0.83	0.31	0.57	T.	1.61	0.58	3.53	1.60	T.	0.00	1.07	1.03	11.13
Soda Lake	.....	.....	.....	0.06	2.07	2.26	0.40	.....	T.	0.08	1.10	.....	.....
Spooner's Ranch	3.25	1.06	0.70	1.28	1.15	1.24	1.93	0.90	0.00	0.10	.....	5.77	.....
Sweetwater	1.62	1.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tecoma	0.39	0.03	0.13	0.06	1.02	2.49	0.67	0.19	0.13	0.68	0.89	0.05	6.73
Tonopah	0.18	0.76	0.32	0.49	1.11	0.79	0.16	1.16	0.62	0.07	0.80	0.29	6.75
Wells	0.20	0.35	0.55	0.20	0.90	2.75	0.57	0.55	0.00	0.00	1.50	1.10	8.67
Willow Point	1.10	0.01	0.00	0.84	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnemucca	0.59	0.15	0.23	1.09	0.45	2.14	1.55	0.80	0.51	0.51	1.37	1.84	11.23
Yerington	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.30	0.55	.....
New Hampshire.													
Alstead Center	2.27	2.52	5.82	2.04	3.76	0.23	3.71	2.35	2.11	4.68	1.81	2.08	33.38
Benton	4.03	1.60	5.74	2.32	3.73	1.84	4.86	1.42	2.81	5.73	2.97	2.11	39.16
Bethlehem	2.98	1.69	6.00	3.09	4.13	2.24	4.08	1.79	2.74	5.07	1.62	1.86	37.29
Concord	1.81	2.25	4.40	2.03	3.17	0.10	1.25	2.30	3.26	4.63	1.76	2.08	29.04
Durham	0.86	2.28	2.36	2.80	4.17	0.20	0.98	4.20	1.38	7.96	0.88	1.91	29.98
Franklin	3.00	2.59	5.56	2.17	4.28	0.72	3.82	4.10	3.16	5.39	1.86	3.18	39.83
Grafton	2.98	1.70	5.53	1.94	3.52	.....	.....	2.89	2.37	4.79	3.10	2.73	.....
Hanover	2.92	1.66	6.02	1.43	4.54	0.94	3.16	2.04	1.69	4.31	1.85	3.50	34.06
Keene	2.77	2.50	5.76	1.81	4.10	0.41	2.01	2.86	1.65	3.34	1.42	2.67	31.30
Nashua	2.03	2.70	5.00	2.68	3.69	0.73	1.31	3.59	3.49	7.10	2.29	2.96	37.57
Newton	2.10	3.06	4.63	3.22	3.27	0.28	1.09	2.49	2.28	9.15	2.01	3.43	37.01
Plymouth	3.24	2.19	6.11	1.54	3.73	0.99	2.85	1.65	2.91	4.59	2.46	2.91	35.17
New Jersey.													
Asbury Park	.....	.....	.....	4.54	3.49	2.06	1.96	4.94	2.52	3.88	1.00	1.57	.....
Atlantic City	4.36	2.04	2.47	4.64	3.52	2.41	1.56	3.73	3.10	3.83	2.31	2.73	36.70
Bayonne	3.34	2.95	5.91	5.48	3.00	2.40	1.68	1.65	3.87	12.69	2.05	3.15	48.17
Belvidere	4.12	2.58	7.73	5.52	3.20	1.23	2.78	8.35	6.48	7.45	3.31	4.26	57.01
Bergen Point	2.83	3.15	6.33	6.29	3.39	2.16	3.07	2.73	3.73	13.16	2.15	3.94	52.73
Boonton	4.03	2.79	6.14	6.02	2.65	1.33	2.16	2.26	2.88	8.99	2.89	3.11	45.25
Bridgeton	3.35	1.96	3.83	6.75	3.69	1.73	2.09	4.30	5.23	5.65	2.10	2.25	42.93
Burlington	3.32	2.28	4.90	5.63	3.87	1.87	3.83	6.17	4.82	6.14	3.61	2.93	49.37
Cape May	4.22	1.48	3.03	5.35	3.34	2.36	3.46	2.76	1.56	4.52	1.32	2.55	35.95
Charlotteburg	3.04	2.72	7.23	6.24	3.07	1.93	1.89	4.00	5.30	10.35	4.89	3.56	54.22
Chatham	3.80	2.60	6.00	5.70	4.00	1.60	1.70	2.85	6.55	11.00	2.85	3.75	52.40
Clayton	3.83	2.19	4.34	6.94	4.38	2.56	3.55	4.12	5.03	6.82	2.35	2.67	48.78
Culvers Lake	2.95	2.24	6.45	4.14	3.30	1.59	4.72	4.70	3.30	7.10	3.78	3.19	47.46
Dover	4.71	2.92	6.60	5.73	3.17	1.42	2.96	2.90	2.60	9.19	3.19	3.02	48.41
Elizabeth	3.53	3.21	5.76	5.89	3.11	2.23	1.58	2.64	3.35	11.22	1.87	3.79	48.18
Flemington	4.16	2.46	5.21	5.75	2.94	1.22	2.79	4.18	4.58	7.40	3.23	2.70	46.62
Haddonfield	3.69	2.09	4.73	7.84	4.42	2.03	1.81	4.99	3.76	5.48	3.11	2.27	46.22
Hammonton	3.37	2.11	3.79	6.51	.....	2.06	2.10	4.61	4.83	.....	.....	.....	.....
Hightstown	.....	.....	.....	5.10	3.20	1.30	.....	.....	.....	.....	.....	.....	.....
Highwood	3.41	3.02	5.40	5.84	2.75	1.33	3.36	3.35	3.37	11.68	2.23	3.32	49.06
Imlaystown	.....	.....	.....	5.08	3.23	1.19	2.80	4.53	2.98	4.30	1.80	2.42	.....
Indian Mills	3.57	2.26	3.92	7.28	4.80	1.03	2.42	4.69	4.42	5.94	2.79	2.44	45.56
Jersey City	3.22	2.68	5.98	5.93	3.13	1.59	2.05	2.63	4.63	12.54	2.60	3.48	50.46
Lakewood	3.22	1.65	3.75	5.81	3.48	.....	2.08	.....	.....	.....	2.06	1.98	.....
Lambertville	3.12	2.69	4.45	5.90	.....	.....	.....	.....	.....	.....	3.02	2.09	.....
Layton	3.11	1.91	5.72	.....	3.21	1.12	3.80	3.72	.....	.....	.....	2.34	.....
Little Falls	3.88	2.72	5.21	5.94	3.17	1.17	3.81	2.83	2.94	10.19	2.82	3.88	48.56
Long Branch	4.42	2.50	6.09	8.53	4.19	1.32	2.91	10.21	3.68	10.88	3.06	4.12	62.51
Mahwah	4.33	3.02	7.58	5.42	3.51	1.43	1.51	4.84	6.18	10.03	3.67	3.75	55.27
Moorestown	3.28	1.95	4.33	6.41	4.86	2.33	2.68	5.93	3.74	5.56	3.11	2.28	46.46
Newark	3.75	2.84	5.69	5.92	3.63	3.29	1.94	2.09	4.79	13.84	2.06	4.59	54.43
New Brunswick	3.10	2.39	4.97	5.33	3.39	1.35	3.02	2.23	3.08	7.37	2.20	3.21	42.24
Newton	4.51	2.24	7.01	4.99	3.54	0.83	3.96	3.85	3.43	6.88	4.24	3.41	48.89
Northfield	3.80	2.30	2.62	6.55	4.01	2.46	2.07	4.60	2.69	3.99	2.24	2.90	40.23
Paterson	3.38	2.76	5.19	5.34	2.53	2.04	2.35	3.07	2.84	9.98	2.96	3.53	45.97
Phillipsburg	3.60	2.29	7.38	5.92	2.74	1.44	3.16	3.67	3.15	7.12	3.85	3.93	48.25
Plainfield	3.75	2.89	5.38	5.23	2.85	1.32	1.75	3.83	3.44	9.47	2.91	3.92	46.74
Pleasantville	3.60	3.01	2.62	5.80	4.19	3.76	1.88	3.91	3.09	3.90	2.17	2.81	40.74
Pompton Plains	3.29	2.78	6.45	6.47	2.66	2.14	2.50	2.18	3.20	9.93	3.41	3.53	48.54
Somerville	3.14	2.52	5.16	4.46	3.36	1.41	3.37	5.68	2.65	9.97	3.14	3.15	47.71
South Orange	2.86	2.96	5.81	5.31	3.18	2.13	1.51	1.93	2.95	10.38	1.71	3.89	44.62
Sussex	2.82	2.23	5.03	4.19	2.88	1.48	3.27	3.84	3.27	6.83	3.65	2.46	41.95
Trenton	3.12	2.17	4.77	5.27	3.00	0.68	1.50	3.30	4.66	6.29	2.48	2.44	39.68
Tuckerton	.....	2.88	3.61	6.42	3.21	3.40	2.53	6.52	.....	3.75	2.32	2.99	.....
Vineland	3.08	2.11	3.58	6.18	4.31	1.93	2.24	3.49	6.41	2.70	1.47	1.47	38.97
Woodbine	3.99	2.18	3.15	5.17	4.30	1.80	2.76	3.29	3.65	4.31	2.02	1.69	38.31

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New Mexico.													
Abbott	0.05	0.39	0.15	2.44	0.35	5.69	1.13	0.28	1.50	0.15	0.80	0.97	13.90
Agricultural College	0.49	0.80	0.20	1.40	0.01	2.63	1.27	1.33	1.70	T.	0.80	1.10	11.73
Alamogordo (No. 1) (near)	0.57	1.77	0.05	0.89	0.05	1.66	0.01	1.87	2.05	0.00	1.90	1.56	12.38
Alamogordo (No. 2)	0.49	1.62	0.28	1.03	T.	1.05	0.28	1.17	1.84	0.00	1.68	1.34	10.78
Alamos Ranch	1.74	[2.00]	0.87	0.81	0.23	5.57	1.22	1.34	3.23	0.93	2.18	2.27	22.39
Albert	[0.228	0.48	0.03	2.84	0.53	6.57	0.73	1.11	2.33	0.00	0.74	3.63	19.20
Albuquerque	0.78	0.41	0.15	0.44	0.24	0.99	0.46	0.59	0.55	0.31	0.69	1.06	6.67
Alma	0.65	1.87	0.66	T.	0.06	0.42	2.20	3.46	1.33	1.26	3.03	0.40	15.34
Ancho	0.84	0.14	0.52	0.70	0.26	1.73	[0.13]	2.52	1.67	0.00	1.04	0.80	10.35
Anchor Mine	1.72	3.83	3.90	1.70	1.40	3.62	2.35	3.14	4.29	0.97	0.93	4.33	32.18
Aragon	0.95	1.98	0.60	0.00	0.20	0.42	1.75	2.19	1.72	0.67	1.95	1.47	13.90
Artesia	0.09	0.42	0.18	1.75	0.93	1.84	0.10	0.48	3.58	0.94	0.88	0.79	11.98
Aspen Grove Ranch	1.28	2.16	2.25	0.58	0.08	2.63	1.28	1.07	2.10	0.60	1.66	2.16	17.85
Aurora	0.29	1.49	1.12	0.99	1.56	8.76	3.33	3.56	3.17	0.38	0.56	1.85	27.04
Aztec	0.13	1.29	1.08	0.07	T.	T.	0.36	0.14	1.08	1.23	1.09	1.27	7.74
Batemans Ranch	1.57	2.75	2.50	1.00	0.13	3.17	1.87	2.10	2.90	0.97	2.01	2.72	23.69
Bell Ranch	0.31	0.13	0.20	3.80	0.53	4.00	1.41	1.91	1.47	0.23	1.20	2.13	17.32
Bergers Ranch	2.10	5.18	3.65	0.17	0.18	0.86	3.60	1.54	5.29				
Berino	[0.43]	0.91	0.13	0.68	0.00	0.36	1.00	0.59	1.06	0.00	[0.62]	1.72	7.50
Black Lake	0.24	1.25	0.55	0.54	0.48	4.65	1.64	3.08	1.67	0.75	0.64	1.13	16.62
Blackrock	0.27	0.29	0.48	1.05	T.								
Bloomfield	0.10	0.81	0.80	0.29	0.19	0.46	0.44	0.82	1.58	1.42	1.30	1.03	9.24
Bluewater	0.12	0.66	T.	T.	0.35	0.18	2.52	1.28	1.05	1.20	0.15	0.47	7.98
Boaz	0.26	0.56	0.23	1.68	0.01	4.03	0.12	0.04	5.22	0.75	1.37	0.97	15.24
Cabeza	0.19	0.47	0.17	2.72	0.50	6.12	0.55	1.15	3.62	0.63	0.95	1.73	18.80
Cambray	0.59	0.89	0.02	0.73	0.00	1.22	1.25	0.90	0.28	0.00	1.80	0.90	8.58
Campana	0.23	0.34	0.10	2.61	0.40	3.22	0.56	1.24	1.45	T.	1.20	2.08	13.43
Capitan	1.66	1.25	0.65	1.87	0.00	1.93	1.10	0.89	3.32	T.	0.92	1.28	14.87
Carlsbad	0.18	0.28	0.97	1.33	0.14	3.93	0.70	0.84	3.93	1.03	1.21	0.79	15.33
Carrizozo	1.12	1.29	1.01	0.83	T.	1.97	0.05	1.97	1.16	0.00	0.74	0.40	10.54
Cerrillos (near)	1.22	0.77	0.46	1.60	0.06	3.25	0.82	1.79	0.91	0.25	0.60	0.96	12.69
Chacon	0.63	0.60	0.65	0.71	0.90	5.34	2.25	4.17	4.00	0.00	1.10	2.01	22.36
Chama	1.57	3.58	2.33	0.44	0.21	1.87	1.78	1.13	2.65	1.08	2.65	3.73	23.02
Cimarron (near)	0.44	1.85	0.95	1.19	0.95	5.20	1.22	1.75	2.17	0.39	0.53	2.13	18.77
Clayton	[0.26]	[0.96]	0.10	2.94	1.24	3.48	1.20	1.86	3.41	1.50	1.43	2.06	20.44
Cliff	0.73	0.87	0.34	0.43	0.22	0.39	1.99	1.72	0.95	1.17	3.40	1.95	14.16
Clovis	0.21	0.82	0.04	1.61	0.12	5.39	1.62	1.62	1.69	0.76	0.91	1.16	15.95
Cloudcroft	1.13	2.61	1.15	0.91	0.00	0.75	1.27	2.15	3.83	0.00	1.42	3.23	18.45
Columbus	0.58	0.96	T.	0.44	T.	1.37	0.69	1.90	0.20	0.11	1.44	1.15	8.84
Corona	1.80	0.46	0.61	0.54	0.00	2.20	0.40	1.52	2.14	0.09	0.55	1.30	11.61
Coyote	[0.91]	[0.60]	0.22	0.54	0.00	1.79	0.11	2.12	1.54	0.35	0.85	1.51	10.54
Crystal								1.88	3.43	1.10	1.29	1.24	
Cuervo	0.56	0.26	0.07	2.00	0.51	2.95	0.15	0.20	2.05	0.00	1.06	2.28	12.09
Cundiyo	0.54	0.43	0.36	0.88	0.09	1.88	0.78	1.16	1.16	0.13	1.10	0.46	8.97
Dawson	0.25	1.84	0.25	0.68	0.46	8.31	1.51	1.16	1.69	1.49	0.47	2.47	20.58
Deming	0.20	1.20	0.20	0.60	0.00	0.28	3.95	1.46	0.77	0.30	1.50	0.96	11.44
Demonstration Farm	0.29	0.63	[0.34]	0.55	0.72	5.76	0.73	1.73	2.16	0.05	1.01	[0.98]	14.95
Dulce	0.61	2.90	1.70	0.45	0.13	1.76	1.96	1.49	1.82	1.81	2.30	2.16	19.10
Duran	0.74	0.62	0.13	0.55	0.15	4.69	0.65	0.51	1.74	0.38	0.51	1.41	12.08
Elida						7.92	0.38	0.00	1.40	0.98			
Elizabethtown	0.43	0.96	1.39	0.56	0.45	2.56	2.34	4.02	2.32	0.93	0.74	1.40	18.10
Escondido	0.50	0.85	0.85	0.90	0.00	0.79	0.60	0.38	1.92	0.00	1.32	0.29	8.40
Espanola	0.37	0.38	0.02	0.87	0.02	1.58	0.38	0.61	1.64	0.17	1.08	0.54	7.66
Estancia	1.05	0.61	0.45	1.03	T.	1.07	1.21	0.73	1.49	0.12	1.52	1.01	10.29
Folsom	0.32	0.76	0.92	1.42	0.46	3.26	2.63	1.18					
Flourine										0.60	1.76	0.93	
Fort Bayard	0.72	2.37	0.27	0.23	0.47	0.51	2.20	3.28	1.18	0.34	2.95	1.15	15.67
Fort Stanton	1.04	0.34	0.71	1.13	0.08	2.81	2.07	1.37	3.57	0.70	0.88	1.50	16.20
Fort Sumner	0.16	0.34	0.09	2.56	0.03	4.87	0.36	0.52	1.73	0.59	1.75	1.34	14.34
Fort Union	0.30	0.53	0.46	0.98	0.45	11.64	0.80	2.56	1.95	0.50	0.65	1.54	22.36
Fruitland	T.	0.87	0.99	T.	0.00	T.	1.57	0.51	1.42	1.87	1.87	1.20	10.30
Gage	0.40	2.86	[0.36]	T.	T.	0.25	0.50	0.60	1.77	0.00	2.54	2.05	11.33
Gallinas	0.78	0.37	0.37	0.31	0.45	1.64	0.15	1.30	2.27	0.26	1.32	1.96	11.18
Gallinas Planting Station	0.79	1.37	0.89	1.78	0.73	7.65	2.24	3.10	3.52	0.30	0.52	1.13	24.02
Gila Planting Station	0.99	1.52	1.01	0.29	0.20	0.28	3.26	3.98	1.63	0.43	3.25	1.51	18.35
Glorieta Ranch	0.71	0.40	0.34	1.12	0.30	0.54	0.35	1.07	1.58	0.30	1.67	1.10	9.48
G. O. S. Ranch	1.34	2.10	0.92	0.35	0.27	1.21	1.43	3.71		1.19		1.67	
Hachita	0.52	1.44	0.29	0.20	0.20	0.36	1.22	1.95	1.92	0.10	2.26	0.83	11.29
Harveys Upper Ranch	0.60	2.27	1.31	1.82	0.53	9.90	2.33	4.83	2.77	0.51	1.19	1.92	29.98
Hayden	0.21	0.59	0.27	2.32	1.49	2.65	0.45	1.11	1.63	0.94	1.08	2.29	15.03
Haynes	0.15	1.00	0.50	0.13	0.04	0.81	0.04	2.70	2.34	1.40	0.95	2.03	12.09
Hermanes	0.34	1.98	0.45	0.33	0.00	0.35	0.65	0.64	2.06	1.34	1.48	1.23	10.85
Hermosa										0.00	4.00	1.73	
Hobbs	0.03	0.38	1.06	0.97	0.10	3.28	1.48	2.43	2.98	1.99	1.43	1.06	17.19
Hondo Reservoir	0.44	0.47	0.62	2.05	0.34	3.92	0.50	0.43	2.60	1.32	1.03	1.28	15.00
Hoosier Ranch	0.41	0.56	T.	2.13	0.55	3.91	1.49	0.51	2.05	T.	0.90	1.73	14.24
Jemez Springs	0.80	1.60	0.73	1.57	0.04	3.77	0.66	2.09	1.85	0.08	2.08	1.98	17.25
Johnsons Park	0.05	0.87	0.40	1.38	1.88	5.17	1.32	1.36	2.54	0.60	0.43	2.06	18.06
Johnsons Ranch	T.	0.40	0.00	1.63	0.48	4.09	2.53	1.05	2.26	0.18	0.80	2.31	15.73
Kappus	0.40	1.03	0.24	2.65	1.40	3.11	1.00	0.75	1.61	0.18	1.43	1.06	14.86
Knowles (near)	0.03	0.26	0.77	1.10	0.05	2.05	1.28	0.52	6.22	2.58	1.56	1.22	17.64
Laguna	0.60	1.09	0.25	T.	0.50	1.35	T.	0.35	2.15	0.85	0.28	1.26	8.68
Lagunita	0.26						0.56	0.24	1.38	1.19			
Lake Alice	0.31	1.33		1.24	0.60	4.78	1.30	0.65					
Lake Valley	0.73	1.58	0.19	0.95	0.43	0.97	3.37	2.67	1.54	0.53	2.68	1.42	17.06
Lakewood (near)	0.01	0.21	0.92	1.25	0.05	1.39	0.34	0.15	3.95	1.25	0.85	0.15	10.52
Lanark	0.38	1.05	0.28	0.40	0.10	0.71	1.25	0.25	0.61	0.00	0.55	1.00	6.58
Las Vegas	0.48	0.83	0.32	1.04	0.44	4.65	0.47	1.33	3.09	0.00	0.63	0.98	14.26
Liston	0.30	1.65	0.24										
Logan	0.15	0.45	0.13	2.99	1.25	3.18	0.10	1.27	1.72	0.33	1.23	1.61	14.41
Lordsburg	1.00	2.43	0.51	0.35	T.	0.28	0.43	0.38	1.70	0.30	3.89	0.42	11.69
Los Lunas (near)	0.73	0.12	0.18	0.68	0.08	2.57	0.08	0.46	1.02	0.00	1.04	0.81	7.77
Luna	0.75	2.06	0.75	(0.30)	0.38	0.38	1.58	1.69	2.10	1.09	2.36	1.58	15.02
Lykins (near)	0.29	0.60	0.20	2.46	0.00	7.89	0.82	0.25	2.33	2.65	1.29	1.90	20.68
Magdalena	0.56	0.42	0.31	0.40	0.10	1.82	0.85	3.32	3.15	0.55	1.36	1.12	13.96
Maxwell (near)	0.10	0.62	0.07	1.36	0.53	5.86	0.89	3.13	2.31	0.90	0.43	2.28	18.48

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New Mexico—Continued.													
Melrose	0.48	0.53	0.30	2.74	0.25	8.24	0.78	0.28	1.77	2.05	1.67	1.85	20.94
Mescalero	0.64	2.15	0.65	1.28	0.11	5.12	1.04	4.52	1.55	0.11	1.89	2.27	21.33
Miami Ranch	0.32	1.12	0.77	0.52	0.61	5.58	1.70	2.51	1.37	0.17	0.73	1.79	17.19
Mills (near)	0.10	0.79	0.02	1.98	0.44	4.35	2.21	1.05	2.50	3.67	0.77	2.49	20.37
Mimbres	0.72	2.22	0.63	0.19	0.45	0.70	2.48	2.99	2.96	0.00	3.14	1.60	18.08
Mineral Hill	0.39	1.79	0.85	1.87	0.25	5.57	1.87	3.40	2.09	0.21	1.72	0.83	20.84
Monterey	0.33	0.51	0.33	0.76	0.08	0.35	0.36	1.37	1.24	0.02	1.47	2.17	8.99
Montoya	0.32	0.59	0.33	1.86	0.25	4.15	0.15	1.52	0.79	0.00	0.72	2.51	13.19
Moriarty	1.29	0.40	.....	.....	.....	.....	.....	.....	1.86	0.47	2.15	1.70	.....
Mountainair	1.15	0.48	0.59	0.77	0.02	0.79	1.33	4.30	2.09	T.	.....	.....	.....
Mountain Park	1.13	2.25	1.00	1.91	0.09	2.40	1.42	3.11	2.46	0.12	1.76	2.23	19.88
Nara Visa	0.47	0.63	0.24	2.05	1.80	3.70	.....	.....	.....	.....	.....	.....	.....
Newman	T.	0.57	0.20	0.50	0.00	2.94	0.77	0.35	0.85	T.	1.16	1.30	8.64
Nogal (near)	.....	.....	.....	.....	0.78	4.44	1.21	3.50	3.66	0.96	1.18	1.73	.....
Noria	0.18	0.91	0.20	0.34	0.00	2.78	1.58	1.35	0.78	0.00	0.40	(1.08)	9.60
Orogrande	0.39	0.60	0.10	0.44	T.	1.81	1.00	1.15	1.38	T.	1.42	0.85	9.14
Oscura (No. 1)	0.50	0.71	0.41	0.88	0.07	0.83	2.43	1.69	2.12	0.00	1.53	1.19	12.36
Oscura (No. 2)	0.51	0.61	0.35	1.04	0.04	0.82	3.11	1.42	1.66	T.	1.52	1.21	12.29
Otis	0.17	0.27	0.83	1.12	0.16	4.16	0.96	0.95	2.78	2.88	0.89	0.89	16.06
Palo Verde	0.20	0.55	0.02	2.26	0.61	3.82	2.70	1.19	2.39	1.45	1.06	3.04	19.29
Pasemonte	0.07	1.61	0.02	1.80	1.00	2.89	2.07	2.66	2.45	1.45	0.80	0.84	17.66
Pastura	0.42	0.20	T.	0.85	0.24	3.89	0.41	0.52	1.68	2.05	1.15	1.70	13.11
Pinos Altos (near)	0.97	3.67	1.56	0.74	0.46	1.39	3.45	1.99	4.69	1.89	4.10	2.16	27.07
Placitas (near)	2.85	2.20	0.94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainview (near)	0.13	0.54	0.97	2.02	2.09	7.53	2.37	0.70	6.36	1.24	1.86	0.71	26.52
Pleasant View	0.04	0.39	0.05	1.76	0.22	4.62	2.94	1.39	1.39	0.00	0.65	2.01	15.46
Portales	0.25	0.86	(0.15)	(2.09)	0.91	7.55	1.00	1.00	1.75	1.21	2.26	2.20	21.23
Pratt	0.50	2.45	0.15	0.20	T.	0.04	3.41	2.17	0.63	0.08	2.88	0.90	13.41
Putnam	.....	0.40	T.	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....
Raton	0.06	1.70	0.47	1.30	0.71	8.35	2.02	1.54	1.63	0.92	0.29	2.72	21.71
Red River Canyon	1.70	3.12	2.98	0.85	0.40	4.40	2.60	3.13	2.40	0.60	0.80	2.40	25.38
Redrock	0.69	2.73	0.35	0.26	0.12	0.23	0.81	1.26	1.23	0.36	3.02	1.01	12.07
Richland	.....	.....	.....	.....	.....	2.57	0.58	0.71	2.65	0.49	2.84	0.50	.....
Rincon	0.60	0.84	T.	0.87	0.00	1.50	0.55	1.74	1.49	T.	1.14	1.08	9.81
Rio Grande Dam	0.77	0.65	0.70	1.06	0.11	0.86	1.04	2.90	0.46	0.29	2.01	1.42	12.27
Rio Grande Industrial School	0.95	0.19	0.08	0.94	0.03	1.45	0.55	0.26	0.98	0.26	0.65	0.94	7.28
Rociada	0.65	0.73	0.57	1.08	0.08	8.29	2.93	2.94	3.27	0.90	1.35	3.12	25.91
Rodeo	0.53	1.15	T.	0.23	0.00	0.00	1.08	1.62	2.37	0.26	2.03	0.95	10.22
Rosebud	0.18	0.30	0.12	2.65	1.39	2.29	0.76	0.83	1.75	0.14	0.45	2.28	13.14
Rosedale	0.60	0.70	0.40	0.48	0.53	1.27	1.51	2.91	1.13	1.81	1.97	1.85	15.16
Roswell	0.60	0.55	0.74	1.21	0.03	4.17	0.82	0.28	2.67	0.85	0.97	0.88	13.77
Roy	0.55	0.81	0.05	3.31	0.90	4.57	2.52	1.12	2.84	1.23	1.10	2.22	21.22
Roy (near)	0.41	0.45	0.05	3.12	0.50	5.02	.....	.....	.....	.....	.....	.....	.....
St. Vrain (near)	0.30	0.50	0.11	2.76	0.33	6.08	1.26	0.88	1.57	0.79	1.13	0.82	16.53
San Jon	0.30	0.27	0.14	3.05	1.01	1.37	1.79	0.45	1.14	1.45	2.25	1.42	14.64
San Marcial	0.45	(0.45)	0.04	0.96	0.00	1.04	0.31	1.09	(0.47)	0.00	1.46	0.62	6.89
San Rafael	0.23	1.39	0.53	0.93	0.36	1.18	0.46	1.88	1.38	1.95	0.58	0.88	11.15
Santa Fe	0.57	1.15	0.87	1.32	0.17	4.26	1.12	1.07	1.54	0.42	1.75	0.77	15.01
Santa Fe Canyon	0.76	1.08	0.76	1.86	T.	6.20	1.13	1.67	1.87	0.51	2.11	1.89	19.84
Santa Rosa (No. 1)	0.37	0.25	0.14	1.32	0.88	2.68	0.32	0.66	1.46	0.32	1.03	1.55	10.99
Santa Rosa (No. 2)	0.40	0.34	0.22	1.44	0.84	2.91	0.31	0.40	1.49	0.00	0.43	1.68	10.46
Senorito (near)	0.74	1.54	0.97	1.17	0.19	5.81	2.18	2.05	2.85	1.07	(2.08)	3.12	23.77
Silver City	1.18	3.18	0.56	0.31	0.21	0.42	2.24	1.76	1.09	0.55	3.55	1.73	16.78
Solano (No. 1)	0.24	0.49	0.05	2.42	0.45	5.06	2.02	1.02	3.53	0.00	1.39	2.27	18.94
Solano (No. 2)	0.24	0.43	0.05	2.43	0.25	4.90	2.64	1.16	3.78	0.04	1.19	1.57	18.68
Socorro	0.43	0.30	0.45	0.70	0.03	1.54	0.79	1.10	0.48	0.25	0.83	1.20	8.10
South Fork	.....	.....	.....	1.21	0.49	1.84	2.91	3.68	.....	.....	.....	.....	.....
Springer	0.21	0.52	0.21	1.32	0.70	4.85	0.75	1.01	1.27	0.15	0.29	1.27	12.55
Stanley	0.79	0.61	0.15	1.41	0.09	3.99	0.14	1.05	2.07	0.47	1.00	0.82	12.59
Tajique (near)	1.35	1.86	0.69	1.41	0.46	2.47	1.74	2.43	2.73	0.90	2.98	4.40	23.22
Taos	0.31	1.00	0.72	1.16	0.33	1.52	1.02	1.34	1.88	0.26	1.13	1.05	11.72
Taos Canyon	0.64	1.72	1.50	1.59	0.51	2.53	2.02	2.28	3.19	0.82	1.26	2.05	20.11
Taylor	0.17	0.29	0.00	0.67	0.40	2.71	0.88	0.38	2.02	0.30	0.44	1.59	9.85
Tecolote	1.23	0.75	0.88	0.56	0.10	1.99	0.40	1.39	1.50	0.25	0.57	1.16	10.78
Texico (near)	0.10	0.60	0.20	2.20	0.30	6.61	1.35	0.77	1.53	1.10	2.02	1.85	18.93
Three Rivers	0.65	0.98	0.40	1.11	0.00	0.60	0.06	2.09	2.01	0.00	1.11	1.31	10.32
Tijeras Canyon	1.03	0.98	0.50	1.62	0.06	1.76	1.86	3.15	2.24	0.28	1.59	1.49	16.56
Torrance	1.20	0.50	0.55	0.80	T.	3.60	(0.85)	0.85	2.41	0.37	0.63	0.98	12.74
Trementina	0.20	0.42	0.36	2.32	1.54	8.26	0.02	2.10	1.68	0.27	0.82	1.43	19.42
Tres Piedras	0.85	(1.56)	1.18	1.09	0.21	2.62	2.21	1.30	1.29	0.83	2.17	1.27	16.58
Truchas	0.65	0.57	0.47	0.99	0.33	2.03	1.84	2.97	2.82	0.43	1.45	1.30	15.85
Tucumcari (No. 1) (near)	0.28	0.64	0.16	4.00	1.21	3.05	0.56	1.97	1.58	0.08	2.09	2.62	18.24
Tucumcari (No. 2)	0.37	0.51	0.31	4.67	1.96	4.70	0.49	1.94	1.06	0.22	2.13	2.62	20.98
Tularosa	0.34	1.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Valley	1.69	1.23	0.84	.....	.....	.....	.....	.....	.....	.....	.....	3.62	.....
Vance (near)	0.26	0.43	0.12	2.29	0.61	4.27	0.30	2.39	1.26	0.62	1.83	1.63	16.01
Vaughn	0.51	0.59	0.20	1.20	T.	3.00	0.10	0.23	2.37	T.	0.95	1.37	10.55
Vermejo Park	0.37	1.62	0.80	1.20	0.51	3.07	1.57	1.93	1.31	0.90	0.71	1.87	15.86
Virsylvia	0.44	1.00	0.87	0.91	0.56	1.47	0.50	0.95	1.80	0.32	(0.96)	2.08	11.86
Wagon Mound (near)	0.16	0.87	0.23	1.82	0.66	5.91	1.30	1.49	2.58	0.40	0.65	1.16	17.23
Willard	1.02	0.32	0.31	1.02	0.07	0.51	0.95	1.80	1.56	T.	1.06	0.74	9.36
Winsor's Ranch	1.00	2.47	2.95	1.64	0.23	5.35	3.86	3.42	1.99	0.60	1.35	1.56	26.42
New York.													
Adams Center	6.39	3.94	5.53	2.86	2.51	1.49	2.35	2.45	2.24	6.59	4.72	2.56	43.63
Addison	3.00	1.08	3.55	3.42	3.78	5.23	2.02	1.03	1.76	5.53	2.36	2.05	34.81
Albany	2.20	1.64	4.22	1.38	3.29	1.71	1.82	1.14	1.79	4.12	1.48	1.60	26.39
Alfred	4.37	1.91	6.16	4.54	1.87	2.16	2.03	1.18	1.60	4.68	2.57	1.87	34.94
Allegany	5.87	2.37	6.87	5.67	2.53	2.16	4.24	3.57	1.79	4.74	3.99	2.06	45.80
Altmar	5.24	3.29	5.58	.....	3.28	1.81	2.60	2.56	2.38	6.48	2.83	2.60	.....
Amsterdam	2.97	2.65	5.43	2.59	3.20	1.11	2.64	2.53	2.08	4.91	4.05	1.96	36.12
Angelica	4.00	1.68	6.29	3.86	2.46	4.38	1.90	1.68	1.16	3.99	2.01	1.72	35.13
Appleton	4.93	1.08	3.91	3.80	1.79	2.16	0.84	3.59	0.89	2.12	3.00	1.18	29.29
Athens	1.92	1.62	6.88	2.00	2.71	1.56	1.86	1.14	2.02	5.34	1.53	1.97	30.55

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New York—Continued.													
Auburn	5.86	1.67	5.24	1.45	3.29	2.94	2.30	2.95	2.49	4.33	2.45	2.04	37.01
Avon	2.81	0.99	4.44	2.74	2.52	3.72	2.32	2.79	1.25	3.31	1.87	1.52	30.28
Bainbridge	5.73	3.40	7.88	2.13	3.77	0.83	.....	.....	.....	3.51	1.74	1.57	.....
Ballston Lake	3.03	1.79	5.52	2.37	3.66	0.91	3.53	2.13	2.49	3.81	2.32	2.43	33.99
Bedford	3.44	1.87	5.56	7.75	3.99	1.25	2.17	6.12	4.35	10.97	3.65	4.32	55.44
Beerston	4.70	2.23	5.77	2.71	3.60	2.35	2.05	1.97	2.71	4.28	4.70	1.72	38.79
Binghamton	2.88	1.73	3.91	2.23	3.14	0.81	1.55	1.43	2.93	2.76	2.57	1.63	27.57
Bolivar	4.90	2.47	5.65	4.36	2.20	2.81	3.08	2.65	1.65	5.24	2.30	2.38	39.69
Boonville	5.82	1.79	4.96	2.42	2.37	1.38	1.71	1.35	2.12	5.52	3.68	2.62	35.74
Bouckville	3.68	2.43	5.51	2.17	2.91	2.29	1.82	3.31	3.18	4.45	3.17	2.46	37.38
Brockport	4.70	1.37	.....	.....	2.64	2.95	1.60	3.88	1.27	2.88	1.96	2.35	.....
Buffalo	5.56	1.94	3.60	3.78	2.48	1.69	1.03	3.26	1.35	3.65	3.43	1.37	33.14
Canisius College	.....	.....	.....	.....	.....	2.28	2.64	.....	1.37	3.69	4.01	1.74	.....
Canton	4.93	1.43	5.24	3.35	2.64	1.15	2.13	2.91	2.26	5.87	2.72	2.38	37.01
Cape Vincent	5.55	1.45	4.51	3.21	3.51	0.66	3.11	1.94	2.29	4.62	3.10	2.23	36.18
Carmel	3.43	2.77	7.52	5.35	3.05	0.88	1.65	4.73	4.46	9.93	3.14	2.70	49.61
Chatham	1.98	2.28	5.27	2.05	3.37	1.15	2.91	1.70	3.04	4.60	1.91	2.16	32.42
Chazy	1.50	0.77	4.13	0.84	2.36	1.21	1.78	1.07	2.31	2.99	0.22	2.28	21.46
Chestnut Lawn	5.25	1.41	5.88	4.46	3.51	4.00	1.26	2.15	1.05	4.25	2.41	1.60	37.23
Cooperstown	4.46	2.14	3.60	1.65	4.11	2.55	2.31	2.86	2.73	5.12	3.69	2.37	37.59
Corinth	3.94	1.64	8.25	2.23	3.47	1.10	1.23	1.80	2.27	5.45	2.31	3.05	36.74
Cortland	4.47	1.91	4.61	1.60	3.58	2.21	1.72	2.13	2.35	3.43	3.06	2.59	33.66
Cutchogue	5.82	4.12	4.54	7.11	2.07	0.75	0.72	2.10	2.96	8.60	2.23	3.51	44.53
Dannemora	3.68	0.79	3.09	2.62	2.24	2.01	2.34	1.76	2.83	4.98	2.36	1.87	30.57
De Ruyter	5.34	1.79	5.53	2.70	3.29	2.76	2.10	2.12	3.20	5.30	3.11	2.84	40.08
Elba	5.21	.....	6.04	3.26	2.16	1.65	1.14	5.76	0.91	1.60	2.59	1.10	.....
Elmira	3.14	1.17	3.64	3.88	3.38	2.96	1.86	1.07	3.27	4.44	2.30	1.82	32.93
Faust	5.88	1.55	4.53	3.34	3.48	3.28	4.89	2.22	3.18	7.94	3.69	.....	.....
Fayetteville	3.61	1.22	5.42	2.05	2.59	3.25	0.74	2.80	2.50	4.13	2.35	1.84	32.50
Foxs Bridge	5.54	2.91	5.32	3.28	3.31	2.08	1.88	1.65	2.09	6.01	2.52	1.88	38.47
Gabriels	5.45	1.69	7.34	2.90	3.80	2.38	4.06	2.52	2.18	4.36	2.56	2.40	41.64
Geneva	.....	.....	.....	5.45	2.68	3.24	2.09	1.65	2.64	4.03	2.41	.....	.....
Glens Falls (1)	3.66	1.60	8.29	1.18	2.96	1.19	1.50	1.87	2.02	5.05	1.52	3.25	34.09
Glens Falls (2)	3.84	1.61	8.41	1.25	2.94	0.95	1.63	1.70	1.89	5.40	1.49	3.37	34.48
Gloversville	5.07	2.13	7.17	3.11	3.92	1.63	2.03	2.42	2.89	4.44	4.66	2.71	42.18
Greene	4.39	2.50	5.14	1.85	2.88	1.27	1.48	2.64	3.07	3.58	2.83	.....	.....
Greenfield Center	4.88	1.87	7.50	1.72	3.07	1.11	2.69	1.34	2.06	4.85	2.29	2.95	36.33
Greenwich	.....	2.07	7.00	0.87	3.57	0.88	.....	.....	.....	.....	.....	.....	.....
Griffin Corners	.....	1.55	4.11	3.94	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hancock	3.89	2.05	4.14	2.66	2.40	1.47	3.42	1.71	2.55	2.78	3.74	1.74	32.55
Harkness	2.06	0.78	3.81	1.82	2.09	1.45	3.78	1.15	2.92	3.94	1.30	0.99	26.09
Haskinville	2.72	1.21	5.17	4.71	2.89	3.97	1.66	1.78	1.35	4.29	2.35	0.74	32.84
Hemlock Lake	3.52	1.31	4.96	4.16	2.09	4.80	1.90	2.74	1.19	4.54	2.43	.....	.....
Hooker	.....	.....	.....	2.41	4.58	2.51	3.92	1.96	2.83	8.41	5.73	.....	.....
Hoosick Falls	3.00	2.11	4.43	2.87	3.28	1.21	3.11	2.54	1.73	5.85	2.33	0.97	33.43
Horseshoe	5.56	1.63	3.42	3.27	3.62	2.39	3.90	1.74	2.88	7.33	4.63	.....	.....
Hunt	5.66	0.93	5.93	5.05	3.16	3.76	1.26	1.34	1.17	4.30	2.55	1.48	36.59
Indian Lake	4.79	1.69	8.32	3.23	3.05	0.48	3.03	1.18	2.77	6.28	3.90	2.30	41.02
Ithaca	3.15	1.38	3.73	1.49	3.15	2.00	1.59	1.92	3.28	3.63	2.21	1.94	29.47
Jeffersonville	4.34	2.29	5.73	3.66	3.70	1.20	4.48	3.24	3.48	4.32	4.51	2.44	43.39
Keene Valley	5.25	1.26	5.54	2.56	2.82	1.43	3.43	1.06	2.76	4.94	2.64	2.51	36.00
King Ferry	3.14	1.17	4.62	2.23	2.85	1.67	0.91	1.60	3.37	3.70	2.39	1.74	29.39
Knowelhurst	4.18	1.57	8.18	2.46	4.12	1.75	2.87	1.42	2.70	4.03	4.09	.....	.....
Lake George	4.06	2.05	9.26	1.22	2.68	1.38	1.81	2.27	2.31	5.64	1.69	3.27	37.64
Lake Placid Club	7.36	2.27	7.90	4.46	1.85	2.22	3.75	1.57	2.69	4.88	4.08	3.98	47.01
Lauterbrunnen	8.30	1.35	5.79	4.40	3.57	4.20	1.17	2.09	1.10	4.71	2.33	1.19	37.20
Leisers Mill	9.70	.....	6.98	3.40	3.88	1.72	2.05	.....	.....	.....	.....	.....	.....
Liberty	4.13	2.93	6.36	5.50	3.32	1.47	.....	3.17	4.73	.....	5.83	0.97	.....
Linden	4.23	1.95	4.74	3.83	2.17	2.35	2.56	3.10	1.49	3.32	2.95	1.78	34.47
Little Falls	4.91	1.54	6.09	3.54	3.87	1.53	1.35	2.75	2.26	3.41	3.09	1.29	35.63
Little John Settlement	8.56	2.70	7.06	2.76	4.10	2.33	3.17	2.52	2.94	.....	5.18	2.41	.....
Lockport	4.28	0.52	4.22	4.01	2.65	3.16	1.44	4.02	1.61	2.67	2.58	1.49	32.65
Lowville	5.09	2.08	5.07	2.28	2.38	1.52	2.61	1.24	2.56	7.05	3.94	1.76	37.58
Machaniesville	2.57	1.75	5.03	1.83	3.39	0.71	1.81	1.70	2.00	3.31	2.44	1.54	28.08
Mohonk Lake	3.96	3.57	6.81	5.39	3.49	1.85	1.11	3.97	4.05	5.84	3.00	3.16	46.20
Moira	4.68	1.50	6.29	2.44	2.61	1.72	2.81	1.92	2.52	5.57	2.62	2.42	37.10
Morehouseville	8.89	1.90	8.93	4.45	5.36	2.70	2.73	3.62	2.57	6.85	5.19	2.87	56.06
Morrisville	3.08	1.66	4.83	.....	3.05	2.05	0.42	3.33	2.92	3.99	.....	1.89	.....
Mount Hope	5.82	4.70	7.78	7.18	2.85	1.37	2.30	5.59	8.46	11.29	3.46	5.28	66.08
Mount McGregor	3.62	2.00	.....	.....	.....	.....	2.13	1.50	1.81	5.93	.....	.....	.....
Nehasane	7.94	3.24	7.37	.....	3.54	1.43	4.48	1.57	2.84	6.92	4.84	3.07	.....
Newark Valley	3.37	1.68	5.21	2.34	3.97	1.14	1.58	2.87	2.73	3.08	2.61	2.47	33.05
New Berlin	4.11	2.64	5.89	.....	3.73	1.28	1.31	3.42	2.72	5.17	3.31	1.86	.....
New Lisbon	4.33	2.05	6.30	1.10	4.26	2.05	2.31	2.10	2.24	4.42	4.00	2.33	37.49
New York	2.77	2.18	5.17	5.32	2.51	1.43	3.02	1.84	5.28	10.56	1.91	2.40	44.39
North Creek	4.45	1.25	8.05	2.55	2.14	0.94	2.09	0.96	2.70	3.20	2.92	1.99	33.24
North Lake	8.30	2.32	5.93	2.34	3.75	2.42	2.99	2.94	2.42	5.53	.....	.....	.....
North Osceola	.....	.....	.....	.....	.....	.....	.....	.....	6.84	7.63	3.64	3.50	.....
Northville (1)	4.58	1.36	8.33	1.89	4.99	.....	2.72	1.41	2.31	3.26	4.33	2.43	.....
Northville (2)	5.47	3.21	11.16	.....	3.79	.....	.....	.....	.....	.....	.....	.....	.....
Norwich	5.65	2.19	6.09	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ogdensburg	3.99	1.23	5.45	2.87	3.51	0.81	2.40	2.08	2.41	6.28	3.17	3.05	37.25
Old Forge	7.83	2.93	9.21	2.93	2.60	1.89	2.71	2.23	2.47	6.67	5.17	3.83	50.47
Olean	4.25	1.99	4.95	3.77	2.57	2.57	3.33	2.64	1.47	5.72	2.82	2.23	38.31
Oneonta	3.91	1.88	5.49	1.25	3.78	1.11	3.08	2.56	1.87	3.24	4.40	1.78	34.35
Orangeville	5.79	5.90	4.08	2.21	2.76	2.15	3.91	0.92	3.75	2.61	0.68	.....	.....
Oswego	4.45	2.22	4.47	2.23	3.37	1.91	2.33	1.12	3.19	4.98	2.49	1.68	34.64
Otto	3.62	0.82	5.21	1.52	2.97	.....	.....	.....	.....	.....	.....	0.58	.....
Otto Mills	5.81	2.72	.....	2.22	3.60	2.23	2.77	1.96	2.70	7.29	3.68	2.78	.....
Oxford	5.63	3.10	5.96	1.58	3.75	1.21	1.96	2.69	3.20	2.99	3.61	2.08	37.76
Oyster Bay	2.92	2.25	4.00	5.08	.....	.....	.....	.....	.....	8.13	1.78	2.54	.....
Palermo	4.10	4.32	.....	.....	3.59	1.50	1.58	1.79	3.28	5.18	2.85	1.98	.....
Perry City	3.10	1.47	5.18	3.08	2.69	2.35	1.07	1.45	3.60	4.25	2.61	2.41	33.26
Philadelphia	4.08	2.02	4.73	2.88	3.61	1.41	2.80	2.65	2.72	8.27	3.33	2.22	40.78

Monthly and annual precipitation (in inches and hundredths) for 1918—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
New York—Continued.													
Port Jervis (1)	3.57	1.89	6.09	4.44	3.03	1.57	6.92	4.07	2.54	5.46	3.79	3.57	46.94
Port Jervis (2)	3.71	1.88	5.68	4.73	3.20	1.67	3.11	3.37	2.60	5.50	3.93	3.41	42.79
Potsdam	4.78	1.48	4.90	5.16	2.78	1.00	3.32	2.85	2.54	5.62	2.77	1.87	39.07
Ranger School	6.53	2.19	4.74	.....	2.49	3.26	2.72	2.48	2.82	6.78	3.76	2.91	.....
Raquette Lake	6.52	2.96	8.39	3.93	3.17	1.58	3.98	1.84	2.49	6.12	5.45	3.62	50.04
Redfield	8.86	.....	6.18	3.17	3.75	2.29	3.59	2.73	2.99	6.43	4.36	3.74	.....
Rochester	4.86	1.46	5.15	2.58	2.60	2.11	2.08	3.37	1.60	2.93	1.95	2.49	33.18
Romulus	2.66	0.80	4.40	2.42	3.95	2.13	0.67	0.45	2.92	5.65	2.01	1.45	29.51
Roslyn	3.69	2.54	5.64	5.98	2.94	1.45	1.56	4.59	2.95	8.04	2.15	2.70	44.23
Salisbury	6.05	1.72	8.01	3.51	5.22	1.47	3.29	3.20	2.35	5.84	4.24	1.98	46.88
Scarsdale	3.97	2.60	6.15	7.40	2.72	1.10	2.45	7.26	4.13	9.30	2.52	2.50	52.10
Scottsville	.....	.....	.....	2.64	2.76	4.52	2.07	2.89	1.81	3.50	.....	.....	.....
Setauket	3.54	3.36	5.68	6.21	2.52	0.90	0.91	2.67	3.79	8.81	2.56	4.25	45.20
Sharon Springs	.....	.....	.....	.....	.....	2.05	2.82	2.37	1.89	4.77	3.70	2.46	.....
Sherburne	4.38	1.70	6.67	1.67	3.50	1.72	1.43	2.93	2.69	4.61	3.39	2.19	36.88
Shortsville	.....	1.06	4.83	3.49	1.77	2.65	1.29	2.36	1.79	3.01	2.20	1.88	.....
Skaneateles	3.94	1.88	5.58	3.70	3.02	2.54	2.39	3.28	2.93	4.59	2.98	.....	.....
Smartville	8.29	.....	6.29	2.77	3.82	2.25	2.90	2.68	3.30	8.47	4.38	4.03	.....
Southampton	4.93	3.44	4.05	8.78	2.90	1.03	0.78	1.62	3.99	6.44	2.03	3.63	46.62
South Edmeston	4.23	2.47	6.33	1.17	3.27	2.11	1.38	2.33	2.39	4.16	3.49	2.16	35.49
Spier Falls	4.41	1.45	10.37	1.31	3.08	0.84	1.05	1.71	2.01	5.79	1.79	3.49	37.30
Stillwater	8.43	.....	.....	2.70	3.33	2.36	2.00	.....	2.70	6.89	4.23	2.52	.....
Stokes	6.02	2.95	8.36	2.79	2.68	.....	3.05	3.35	.....	4.37	4.35	3.39	.....
Syracuse	3.80	2.60	4.84	2.01	2.79	2.10	0.95	2.16	1.87	3.29	2.03	2.40	30.84
Trenton Falls	7.32	1.33	5.40	2.93	4.07	2.34	1.68	3.06	2.83	5.64	3.99	2.92	43.51
Tribeshill	6.50	1.45	6.30	4.00	4.30	1.70	2.70	3.30	2.10	9.90	5.70	2.60	50.55
Troy	1.22	1.69	4.18	2.27	3.75	0.96	2.11	2.62	4.49	1.33	.....	.....	.....
Tupper Lake	3.38	2.43	4.55	3.44	3.31	4.43	4.35	2.40	3.17	7.84	.....	.....	.....
Utica	5.28	1.61	5.15	3.23	3.70	1.92	3.51	3.50	3.28	4.60	3.73	2.92	42.43
Varysburg	6.74	2.45	5.95	4.66	2.57	2.99	2.36	3.48	1.02	5.03	2.77	1.28	41.20
Volusia	5.54	1.42	5.93	2.45	3.24	3.62	4.08	4.26	1.20	5.79	3.40	1.75	42.68
Wading River	4.93	3.77	4.56	7.21	2.78	0.86	0.60	3.11	4.11	8.43	2.63	4.46	47.45
Wakely Dam	5.88	1.69	.....	.....	3.60	1.00	3.47	1.20	2.65	4.08	1.89	2.10	.....
Wanakena	6.81	.....	5.47	2.52	2.90	3.53	2.88	2.52	2.90	7.46	4.35	3.35	.....
Wappingers Falls	4.06	2.85	6.77	6.02	3.41	1.72	1.44	3.93	2.58	8.47	2.99	2.72	46.96
Wards Creek	2.60	.....	6.00	4.00	3.25	3.01	3.53	2.31	3.56	6.13	5.20	.....	.....
Warwick	2.96	1.75	4.85	3.64	3.12	2.22	2.90	5.40	3.08	7.25	3.81	2.35	43.33
Watertown	4.86	2.93	5.44	2.81	1.83	1.77	2.71	2.21	2.28	6.93	3.94	2.14	39.85
Waverly	3.02	1.53	4.46	3.84	3.91	4.37	1.23	1.52	2.53	3.64	2.88	1.99	34.92
Wedgwood	3.49	1.46	4.82	2.99	2.53	1.88	2.87	1.55	3.01	5.58	2.56	2.25	34.99
Wells	5.57	.....	8.59	2.49	4.59	1.46	2.20	2.04	4.00	5.81	5.04	2.99	.....
West Berne	1.23	0.81	3.50	3.33	3.20	2.89	2.45	2.60	3.20	5.14	2.55	1.37	32.27
Westfield	7.40	2.32	2.59	2.69	3.42	3.08	5.03	4.25	1.75	6.09	3.43	1.55	48.60
West Point	4.09	4.32	10.32	5.14	4.11	1.34	1.96	4.03	6.52	8.66	2.16	3.89	56.54
Windham	2.94	1.60	4.81	2.43	2.63	2.32	2.28	1.90	3.24	4.90	5.61	2.16	36.82
York	4.40	1.47	5.30	3.23	2.48	2.61	2.09	2.82	1.35	3.12	2.29	1.49	32 65
North Carolina.													
Albemarle	4.44	2.70	7.86	2.48	4.53	6.96	3.61	4.27	3.47	2 22	3.24	4.46	50.24
Altapass (No. 1)	.....	.....	8.03	3.27	4.24	4.35	4.30	1.20	6.60	3.20	2.50	2.60	.....
Altapass (No. 2)	.....	.....	.....	.....	.....	6.06	3.63	3.23	5.64	3.53	1.25	2.46	.....
Andrews	6.78	6.93	9.69	0.72	5.70	2.96	6.35	5.07	4.36	3.08	1.94	3.22	56.80
Asheville	2.95	1.59	5.42	3.24	5.12	2.90	3.16	2.41	4.15	2.52	0.81	2.52	36.79
Banners Elk	4.44	3.85	9.79	4.42	6.83	3.45	4.37	5.80	6.16	3.70	2.00	2.15	56.96
Beaufort	3.07	3.74	5.47	2.64	3.51	3.94	5.34	5.22	7.61	6.59	0.82	2.40	50.35
Belhaven	.....	1.75	3.99	1.10	3.51	7.28	6.32	.....	.....	2.85	1.05	3.40	.....
Blantyre	3.36	3.20	9.83	2.06	6.24	1.26	4.85	7.00	7.68	4.29	1.17	5.69	56.63
Blowing Rock	4.05	3.28	6.74	6.32	8.14	3.13	5.59	3.22	7.32	4.42	1.48	3.06	56.75
Brevard	2.81	4.63	.....	.....	.....	.....	.....	.....	6.39	4.12	.....	.....	.....
Brewers	3.35	2.73	7.79	3.98	8.72	4.79	1.87	8.51	5.61	5.08	1.68	2.49	56.60
Bryson City	6.36	6.76	8.60	1.39	5.23	2.90	4.28	3.92	3.10	2.78	1.61	3.92	50.75
Cane River	.....	.....	.....	.....	.....	4.77	2.68	4.91	2.88	2.29	1.74	2.28	.....
Caroleen	5.75	3.75	7.40	1.52	5.06	5.29	3.56	2.54	5.23	4.57	1.52	5.56	51.75
Chalybeate Springs	.....	2.73	3.72	2.70	2.69	8.15	6.90	3.76	4.86	5.38	1.51	4.37	.....
Chapel Hill	.....	3.19	4.99	2.89	3.16	2.05	4.03	.....	4.58	2.86	2.38	3.68	.....
Charlotte	3.70	2.52	5.80	2.72	3.77	4.21	4.42	4.48	2.45	2.29	3.22	4.57	44.15
Chimney Rock	4.65	4.25	9.53	4.03	6.81	6.50	4.99	5.69	6.18	6.06	2.14	4.48	65.34
Cullowhee	4.18	4.13	8.62	1.57	5.17	2.93	3.40	4.27	3.99	2.38	0.92	3.00	44.56
Durham	2.99	1.96	5.59	2.69	2.69	4.32	2.25	3.03	7.33	2.74	2.08	3.17	40.84
Eagle Nest	.....	.....	.....	.....	.....	10.22	2.92	4.08	.....	.....	.....	.....	.....
Eagletown	4.04	3.31	4.92	0.65	3.73	5.69	8.55	1.34	6.80	4.10	1.60	2.70	47.43
Edenton	4.70	2.65	6.81	0.90	6.45	4.85	4.73	3.35	7.20	5.01	2.40	3.35	52.40
Elizabeth City	6.20	2.95	4.30	1.15	5.60	3.65	6.25	3.20	9.10	3.10	1.35	1.91	48.76
Elizabethtown	4.19	3.95	6.26	2.41	3.01	4.57	7.01	6.20	5.58	8.00	1.45	3.33	55.96
Elkin	.....	.....	7.03	2.42	5.04	2.88	1.76	3.85	3.93	4.50	1.42	3.75	.....
Ellijay	.....	.....	.....	.....	.....	.....	4.12	4.01	3.35	2.87	1.20	3.57	.....
Enfield	5.64	1.91	5.14	1.50	2.83	3.20	4.98	1.51	5.28	6.30	1.15	2.84	42.28
Fayetteville	3.52	3.37	5.10	1.35	2.66	9.39	4.92	2.72	5.47	5.59	1.12	5.07	50.48
Globe	2.96	3.03	10.69	4.33	7.52	6.02	3.17	4.07	6.96	4.88	3.21	3.54	60.38
Goldsboro	3.65	3.27	4.68	1.01	6.63	8.53	8.99	1.97	6.39	3.82	1.18	3.36	53.48
Gorge	3.65	3.51	8.76	5.11	6.86	4.45	2.32	6.31	12.41	4.21	3.89	2.36	63.84
Graham	4.39	2.60	7.24	2.58	4.04	4.15	2.40	7.36	4.71	3.52	3.21	4.42	50.62
Greensboro	5.26	2.41	5.57	1.75	5.47	3.46	3.09	9.76	4.15	3.11	3.03	5.64	52.70
Greensville	4.65	3.14	5.83	0.66	4.23	5.89	3.53	3.43	8.31	4.77	1.45	3.22	49.11
Hatteras	3.62	2.54	3.83	2.28	3.08	1.62	3.78	4.97	7.28	6.93	0.53	2.94	43.40
Henderson	3.93	2.06	3.75	2.95	2.67	3.86	2.92	3.88	6.76	6.73	1.59	4.04	45.14
Hendersonville	3.41	4.13	10.14	2.93	.....	.....	.....	.....	.....	.....	.....	5.56	.....
Hickory	4.55	3.16	5.97	2.09	3.14	2.81	1.91	4.50	5.40	3.72	1.77	4.43	43.45
Highlands	7.88	7.65	20.06	4.89	7.12	8.64	10.31	5.64	8.83	5.41	2.11	7.23	95.77
Hot Springs	4.37	2.56	6.43	2.98	5.66	5.95	1.37	6.09	3.61	2.33	1.96	1.61	44.92
Jefferson	2.85	3.21	8.46	4.29	6.59	5.47	2.93	9.74	6.69	3.11	2.30	4.34	59.98
Kings Mountain	4.62	3.17	6.73	2.65	3.04	4.60	2.10	4.05	4.02	3.29	2.18	4.79	45.24
Kinston	2.98	3.10	7.97	0.78	2.76	7.85	8.94	4.76	8.28	3.20	1.01	4.21	55.84
Lenoir	.....	.....	.....	2.72	3.30	3.95	.....	.....	.....	.....	.....	4.03	.....
Lincolnton	4.31	2.94	7.27	2.19	4.48	4.49	2.07	2.62	5.45	.....	2.06	4.65	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
North Carolina—Continued.													
Louisburg	5.22	2.38	3.27	2.03	3.76	5.12	5.09	4.68	6.90	4.84	1.19	3.16	47.64
Lumberton	2.14	4.81	6.52	2.08	3.58	7.53	5.63	5.73	5.79	11.95	1.06	5.73	62.55
Manteo	1.56	4.20	4.85	4.41	3.22	3.43	3.22	2.82	8.93	3.96	1.20	2.14	43.94
Marion	3.76	3.71	8.44	4.10	6.64	7.25	4.67	5.80	5.89	4.40	1.27	4.35	60.28
Marshall	3.68	2.62	7.27	2.68	5.06	3.33	1.49	4.45	3.30	2.56	1.03	2.10	39.57
Middletown	1.91	.....	8.91	3.81	3.55	4.17	3.69	5.53	.....	.....	.....	.....	.....
Moncure	5.44	2.39	4.73	2.56	3.10	3.49	4.10	3.14	4.11	4.06	1.46	4.14	42.72
Monroe	4.68	3.78	7.52	2.40	3.00	4.47	5.22	4.04	5.74	3.28	2.69	4.41	51.23
Morganton	4.31	3.21	8.64	2.82	4.62	3.74	1.45	3.46	5.26	6.20	1.31	4.80	49.82
Mount Airy	3.46	2.36	7.13	2.81	7.40	2.69	6.33	8.72	3.87	4.43	.....	.....	.....
Mount Holly	5.59	2.79	6.79	3.48	4.10	4.78	3.20	5.23	6.23	2.81	2.84	8.74	56.58
Murphy	6.12	6.41	7.26	0.86	5.29	4.88	5.68	2.15	4.24	3.16	1.51	3.63	51.19
Nashville	6.04	2.53	4.52	1.75	6.82	5.87	9.26	6.13	7.57	6.67	1.04	3.66	61.86
Neuse	5.73	2.36	3.67	2.05	3.10	5.25	5.30	3.09	5.83	4.18	1.28	4.40	46.24
Newbern	1.88	3.91	8.58	1.52	2.65	6.97	10.60	5.62	8.45	6.70	1.21	2.97	61.06
North Wilkesboro	4.22	3.16	9.52	3.35	7.00	1.74	2.63	6.07	6.80	6.78	1.80	4.60	57.76
Parkersburg	2.45	3.80	7.33	2.40	4.05	5.78	5.20	1.45	5.15	.....	0.90	6.35	.....
Pinehurst	4.70	2.43	5.21	2.90	4.89	5.36	6.88	1.15	4.57	2.04	1.10	2.48	43.71
Pittsboro	3.58	.....	4.46	3.15	4.65	5.15	4.35	3.70	4.20	4.65	.....	.....	.....
Raleigh	5.95	2.17	3.63	2.70	2.86	5.13	5.51	3.82	6.03	4.11	1.39	3.80	47.10
Ramseur	3.55	2.54	8.07	2.00	2.28	3.62	3.16	3.20	4.20	2.21	2.68	2.81	40.32
Randleman	4.71	3.62	7.69	2.55	5.44	3.77	5.47	4.51	5.33	2.20	3.75	4.64	53.68
Reidsville	3.43	2.27	5.57	3.00	5.78	4.30	5.81	6.67	5.97	4.49	3.50	3.64	54.43
Rock House	7.30	7.57	16.18	3.74	4.73	10.43	6.85	5.69	9.79	5.16	2.12	6.40	85.96
Rockingham	3.70	4.68	3.90	2.28	4.60	8.34	7.25	8.14	4.93	3.14	1.42	5.51	57.89
Rocky Mount	5.20	2.55	3.47	0.82	7.79	3.97	4.78	3.60	5.35	9.55	1.00	2.50	50.38
Rougemont	.....	.....	.....	.....	.....	.....	.....	.....	6.89	2.27	2.50	3.73	.....
Salisbury	5.51	3.05	8.82	4.16	5.49	5.38	4.30	5.19	4.72	3.56	2.36	4.45	56.99
Saxon	3.90	.....	.....	2.47	6.48	.....	3.31	4.48	4.19	4.40	2.98	4.23	.....
Scotland Neck	3.80	3.13	5.11	0.69	3.74	3.72	4.59	2.06	5.30	5.20	1.42	3.07	41.82
Settle	4.79	3.45	6.85	3.50	5.04	4.55	6.68	7.52	4.62	4.08	2.51	4.41	58.00
Sloan	1.49	4.63	8.76	1.17	2.67	5.50	10.09	5.52	6.00	4.09	0.99	4.65	55.56
Smithfield	5.16	2.47	4.63	1.36	3.48	8.21	4.89	1.64	5.15	5.08	1.15	3.38	46.60
Southern Pines	5.40	2.55	5.20	3.60	2.75	6.25	.....	.....	.....	.....	0.95	4.00	.....
Southport	1.78	5.73	3.94	1.56	3.02	6.35	6.04	7.16	5.65	9.76	0.46	4.25	55.70
Statesville	4.69	3.20	7.93	2.57	3.93	2.54	3.31	13.71	3.89	4.58	2.11	5.63	58.12
Tarboro	6.27	2.85	4.94	0.67	3.80	4.13	5.41	4.49	7.77	4.85	1.00	3.46	49.64
Transon	3.03	2.60	10.65	5.37	6.23	3.99	2.05	5.07	8.83	3.26	1.55	3.48	56.11
Tryon	6.48	5.37	8.02	3.30	3.88	1.90	5.99	2.70	5.29	2.20	1.62	4.10	50.85
Waynesville	4.64	4.00	10.27	2.72	4.92	3.80	2.67	2.57	2.95	2.50	1.28	3.32	45.64
Weldon	3.59	2.04	3.31	1.38	4.11	2.61	4.66	1.86	4.72	6.33	1.75	2.62	38.98
Willard	2.37	5.28	8.12	1.18	2.75	5.80	8.08	6.29	6.96	6.84	0.82	4.74	59.23
Wilmington	1.80	4.48	4.88	1.07	2.90	6.06	5.93	5.47	3.54	10.14	0.65	3.63	50.55
Winston-Salem	3.41	1.53	6.18	3.21	4.75	2.90	5.01	6.87	4.70	2.65	3.70	3.77	48.68
North Dakota.													
Amenia	0.70	T.	0.90	1.20	0.95	3.96	2.58	1.08	2.30	3.48	0.25	T.	17.40
Aplin	0.33	0.21	0.57	0.60	2.09	1.95	1.77	1.87	1.18	0.94	0.05	T.	11.58
Ashley	0.10	0.10	0.60	2.00	1.91	3.86	3.87	1.74	0.94	1.79	0.20	0.67	17.77
Beach	0.46	0.46	1.14	0.20	1.58	2.69	1.66	2.63	1.74	0.74	0.34	0.00	13.60
Belfield	.....	0.01	T.	0.50	1.60	2.00	1.55	3.16	1.20	1.05	T.	0.00	.....
Berthold Agency	0.47	T.	0.66	0.57	1.78	1.97	1.41	2.58	1.06	0.88	0.09	T.	11.47
Bismarck	0.37	0.03	0.49	0.55	1.99	2.06	2.72	0.77	2.29	1.13	0.16	0.28	12.84
Bottineau	0.30	0.18	0.78	0.32	1.09	1.82	1.55	3.11	1.02	0.76	0.15	0.06	11.14
Bowbells	0.87	0.05	0.79	0.40	1.40	3.05	2.12	3.57	1.03	0.72	0.30	0.00	14.30
Buford	0.70	0.10	1.05	T.	1.16	2.36	1.37	3.00	0.76	1.16	0.28	T.	11.94
Candо	0.09	T.	0.72	0.10	2.63	2.38	3.17	1.70	0.64	1.81	0.35	T.	13.59
Carson	0.10	T.	T.	0.49	1.88	1.75	1.78	0.84	1.05	1.21	0.40	0.10	9.60
Crosby	0.51	T.	0.38	0.02	1.54	3.33	1.38	1.76	1.27	0.83	0.18	T.	11.20
Devils Lake	0.38	0.02	0.54	0.83	0.88	1.28	1.47	3.93	2.17	1.40	0.17	0.06	13.13
Dickinson	0.13	0.04	1.22	0.52	1.78	1.77	1.36	2.70	0.94	1.04	0.43	T.	11.93
Donnybrook	0.90	0.15	0.70	1.15	1.99	1.02	1.81	3.26	1.32	1.37	0.68	T.	14.35
Dunseith	0.09	0.23	0.30	0.53	1.51	1.23	2.85	3.73	1.41	0.69	0.17	0.00	12.74
Eckman	.....	.....	.....	.....	.....	2.53	3.28	2.77	0.81	.....	.....	.....	.....
Edgeley	0.31	0.04	0.24	1.43	1.43	3.74	2.46	3.64	2.56	3.44	0.28	0.25	19.82
Energy	.....	.....	.....	0.51	0.70	1.61	1.73	1.48	1.76	0.70	T.	T.	.....
Epping	0.56	0.13	0.43	0.20	1.63	2.80	2.07	3.84	1.97	0.97	0.08	0.00	14.68
Fessenden	0.36	T.	1.05	1.25	0.96	1.90	1.66	2.23	1.41	1.66	0.08	0.11	12.67
Forman	0.53	0.20	1.52	0.60	3.27	3.36	2.45	2.57	1.58	2.23	0.02	0.28	18.61
Fullerton	0.56	0.08	0.55	1.65	2.22	3.19	2.53	2.81	0.98	3.07	0.53	0.19	18.36
Garrison	0.70	T.	0.86	0.62	2.09	2.38	1.73	2.94	1.47	0.79	0.59	0.00	14.17
Grafton	0.35	0.14	0.80	0.89	1.44	1.62	2.02	2.36	1.91	1.49	0.07	0.07	13.16
Granville	0.50	0.10	0.74	0.85	1.87	0.82	1.40	.....	1.20	0.98	1.20	0.00	.....
Haley	0.16	0.01	1.26	0.30	2.03	1.99	3.37	1.08	1.80	.....	.....	.....	.....
Hannah	.....	0.70	0.90	0.51	1.19	2.79	1.45	3.67	1.04	1.45	T.	T.	.....
Hansboro	0.36	0.19	0.28	0.63	1.68	0.82	1.48	3.00	1.67	0.95	0.21	0.00	11.27
Hettinger	T.	0.00	0.24	0.03	2.37	3.96	2.76	0.61	1.70	0.52	0.20	0.02	12.41
Hillsboro	0.80	0.20	2.75	1.09	1.38	2.50	2.22	1.54	4.25	2.97	0.30	0.05	20.05
Howard	0.60	0.02	1.31	0.02	1.79	2.93	1.02	1.56	1.01	1.64	0.22	T.	12.12
Jamestown	1.30	0.20	2.10	1.40	1.45	3.13	4.04	2.78	2.08	2.24	0.60	T.	21.32
Lakota	0.34	0.11	1.05	1.43	1.31	2.35	3.03	3.52	2.46	1.69	0.27	0.05	17.61
Lamoine	0.80	0.10	1.40	1.57	1.56	1.52	1.77	1.48	4.33	1.44	0.20	T.	16.17
Langdon	.....	.....	.....	0.51	0.96	2.63	1.88	4.00	1.90	1.73	.....	.....	.....
Larimore	0.69	0.16	1.03	0.89	1.81	2.30	2.34	2.29	2.50	2.65	0.15	0.00	16.81
Lisbon	0.65	0.05	0.20	0.97	2.47	5.31	2.13	4.93	2.21	2.93	0.22	T.	22.07
McHenry	.....	.....	.....	.....	0.59	2.36	2.43	2.79	2.25	1.77	0.05	0.10	.....
McKinney	0.45	T.	0.45	0.20	1.01	1.65	3.15	3.37	1.37	0.93	T.	T.	12.58
McLeod	0.60	0.00	0.25	0.87	4.00	2.85	4.83	5.80	2.62	3.40	0.10	0.00	25.32
Manfred	0.60	0.10	0.79	1.26	2.08	2.30	1.67	2.97	1.49	1.91	0.18	0.08	15.43
Marmarth	0.14	0.05	0.45	0.07	1.47	2.42	1.27	1.92	2.72	1.28	0.16	T.	11.95
Marstonmoor	0.40	0.01	1.20	0.72	1.02	2.48	3.90	2.64	2.16	2.01	0.30	0.20	17.04
Mayville	0.24	T.	0.78	0.95	1.81	1.70	2.59	1.91	2.02	1.73	0.16	0.01	13.90
Medora	1.97	0.23	1.17	.....	.....	.....	.....	2.10	.....	0.60	.....	.....	.....
Melville	0.60	T.	0.60	0.40	1.11	1.80	4.16	2.07	2.23	2.38	0.20	0.30	15.85
Milnor	0.39	0.07	0.40	1.10	2.68	4.01	2.32	2.92	2.34	2.77	0.10	T.	19.10

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
North Dakota—Continued.													
Minot	0.50	0.02	0.56	0.94	1.62	1.14	2.00	3.76	1.58	1.05	0.19	T.	13.36
Minto	0.13	0.20	0.74	0.71	1.53	0.81	2.58	2.74	3.31	1.11	T.	T.	13.86
Mott	0.92	0.16	1.83	0.48	1.82	2.11	1.50	1.20	1.27	1.09	0.23	0.21	12.82
Napoleon	0.20	0.07	1.00	0.81	1.17	4.31	2.31	2.08	1.75	1.96	0.55	0.55	16.76
New England	0.50	0.15	1.70	0.22	2.12	1.99	1.81	1.71	1.02	1.03	0.20	0.00	12.45
New Rockford	0.50	T.	0.75	1.05	1.52	2.80	2.48	3.13	2.23	1.77	0.14	T.	16.37
New Salem	0.40	0.13	1.56	1.55	2.30	2.00	2.33	0.94	0.71	1.09	0.24	0.10	13.35
Orange	0.10	0.10	2.12	0.56	1.92	3.12	0.89	0.72	1.22	1.32	0.20	0.15	12.42
Oriska	0.33	T.	0.63	1.16	1.43	2.27	1.77	2.85	2.31	3.95	0.15	T.	16.85
Park River	0.31	0.07	0.35	0.57	1.19	1.11	1.77	2.87	1.16	1.92	0.07	0.08	11.47
Pembina	0.40	0.05	0.59	0.58	0.59	1.74	0.95	4.55	1.69	1.26	0.05	0.02	12.47
Power	1.00	0.03	0.80	0.90	2.22	6.95	3.72	5.43	2.34	2.90	0.36	0.05	26.70
Ranger	0.48	0.05	1.61	0.10	2.98	1.40	1.61	2.36	1.72	1.41	0.15	T.	13.87
Ronda					1.51	1.74	2.24	2.64	0.82	0.78	0.11	T.	
Steele	0.29	T.	0.94	0.27	1.19	1.33	4.96	2.04	0.83	2.18	0.11	0.16	14.30
Towner	0.15	0.02	0.48	0.40	1.39	1.17	2.16	2.74	1.42	0.94	T.	0.00	10.87
Turtle Lake	0.30	T.	0.77	0.53	1.58	1.94	2.14	2.52	1.19	1.84	0.18	0.11	13.10
University	0.27	0.10	0.80	1.08	1.48	1.21	2.86	1.52	2.87	1.61	0.45	0.06	14.31
Wahpeton	0.28	T.	0.10	0.42	1.57	4.36	4.43	4.50	4.98	1.91	0.22	0.00	22.77
Walhalla	0.65	0.20	1.20	0.50	0.50	1.82	1.73	3.11					
Washburn	0.23	T.	0.45	0.17	1.77	2.61	2.84	1.60	1.37	0.88	0.20	T.	12.12
Westhope	0.27	0.22	0.15	0.43	1.87	2.30	1.13	3.02	0.84	0.66	0.24	0.00	11.13
Williston	0.52	0.14	0.94	0.27	0.85	2.08	2.43	4.94	1.07	0.89	0.15	T.	14.28
Willow City	0.60	0.30	0.55	0.35	1.16	1.61	1.46	2.74	1.25	1.40	0.16	0.10	11.68
Ohio.													
Akron	5.86	2.01	10.89	2.72	2.61	1.79	5.64	1.98	3.10	3.99	2.96	1.88	45.43
Amesville	7.92	1.80	4.82	2.38	3.48	1.72	7.62	2.56	2.79	2.88	4.10	3.49	45.56
Antwerp	6.74	0.75	8.72	3.13	3.49	0.58	4.47	3.74	2.46	3.17	2.55		
Ashland				3.46	2.85	1.67	5.27	3.75	1.75	3.44	2.56	2.71	
Bangorville	10.00	2.27	12.68	4.71	2.16	2.25	6.29	4.59	2.41	3.10	2.73	1.97	55.16
Bellefontaine	4.99	1.14	12.50	4.87	2.13	1.56	3.56	2.61	1.93	3.14	3.75	1.30	43.48
Benton Ridge	7.35	2.45	8.84	3.96	4.66	1.20	6.05	2.87	3.05	2.71	2.32	0.86	46.32
Beverly												3.04	
Bladensburg	7.01	2.05	8.09	2.68	2.64	1.48	9.08	3.10	2.48	3.82	3.53		
Bowling Green	6.67	1.53	7.57	2.91	4.75	2.42	3.45	1.78	1.48	4.58	2.12	0.67	39.93
Brilliant	4.50	1.84	3.63	3.51	3.16	1.20	9.07	2.50	3.00	3.22	2.65	1.53	39.81
Bucyrus	5.83	1.60	10.40	3.01	2.42	2.70	5.78	2.47	2.27	3.62	2.65	0.82	43.57
Cadiz	7.15	2.15	6.90	2.36	2.81	1.92	6.55	3.37	2.93	4.08	5.21	2.64	48.07
Cambridge	7.54	1.73	7.64	2.12	1.86	3.29	9.33	1.93	1.86	3.16	4.87	2.28	47.61
Camp Dennison	9.28	1.71	9.11	4.33	3.16	1.50	3.53	1.25	2.30	3.15	4.09	1.66	45.07
Canal Dover	6.58	2.53	7.43	3.11									
Canton	6.84	2.54	9.79	3.47	3.50	0.55	3.08	2.63	5.11	3.98	2.90	1.91	46.30
Cardington	6.83	2.68	9.26	3.62	2.53	3.52	4.65		2.30	2.57		1.12	
Case School of Science										3.82	3.40	1.25	
Chillicothe	7.11	1.52	6.90	2.84	3.78	1.54	4.07	1.59	2.53	1.43	3.72	1.93	38.06
Cincinnati	9.02	1.86	9.09	3.84	2.30	2.29	2.37	1.27	1.86	2.71	4.26	1.28	42.15
Circleville	7.73	1.35	8.47	3.72	2.35	4.15	3.27	1.92	2.09	3.04	4.69	3.04	45.82
Clarington	7.79	2.21	3.53	2.45	4.60	2.15	7.21	1.02	2.93	4.48	4.27	3.30	45.94
Cleveland (Weather Bureau)	5.66	1.66	8.31	2.47	2.84	1.33	4.85	2.26	2.10	3.96	3.98	1.38	40.80
Cleveland (Odenbach)	5.30	1.82	9.87	2.51	2.91	2.14	7.71	2.42	2.59	4.54	3.62	1.21	46.64
Columbus	6.63	2.09	8.09	3.91	2.60	1.56	2.88	2.10	3.28	2.05	4.56	1.13	40.88
Columbiana										4.02	2.62	1.80	
Columbus Reservoir	6.19	1.67	8.15		2.48	1.05	3.09	1.83	2.33	1.40	3.61	1.81	
Conneaut	6.33	2.59	7.86	2.44	2.49	2.74	3.97	2.74	0.94	5.76	3.55	0.93	42.34
Coshocton	7.52	2.86			3.48	1.99	7.45	2.66	2.33	3.15	4.17	2.10	
Dayton (Weather Bureau)	6.66	1.32	8.89	4.78	3.41	2.67	2.90	1.81	2.31	2.15	3.98	0.72	41.60
Dayton (Boyer)	7.43	1.49	10.36	5.31	3.93	2.75	3.72	2.81	2.36	2.83	4.60	0.98	48.57
Delaware	6.93	2.25	9.79	4.62	3.21	1.70	5.75	2.36	2.55	2.54	2.06	1.01	44.77
Demos	7.57	2.38	5.18	2.63	3.55	2.31	6.37	1.56	1.92	4.28	3.45	2.95	44.15
Dennison	7.61	1.92			2.57	1.10		2.70	5.19	3.29	3.10	2.14	
Findlay	7.02	2.75		3.86	4.15	1.60	5.68	2.38	1.90	6.33	1.99	0.35	
Frankfort	7.44	1.75	7.89	3.43	2.23	1.77	5.18	1.80	2.10	2.00	4.39	1.72	41.70
Fremont	6.62	2.12	8.67	3.89	6.40	3.72	4.79	2.85	1.61	3.92	3.05	1.14	48.78
Gallipolis	7.22	1.73	4.54	2.88	5.41	1.47	1.85	2.83	1.91	3.40	3.58	2.56	39.38
Garrettsville	6.43	2.09	10.80	2.96	3.00	1.30	3.28	2.27	1.64	4.85	3.26	1.83	43.71
Granville	7.63	2.63	8.29	3.86	2.92	1.68	6.07	3.01	3.01	3.86	2.93	1.23	47.12
Gratiot	8.10	2.08	9.09	2.84	2.10	3.43	10.56	3.07	2.78				
Green	8.72	3.22	6.22	2.49	4.52	2.53	5.34	1.17	2.12	2.50	3.86	2.38	45.07
Green Hill	5.64	2.11	6.36	2.27	3.37	0.63	5.90	1.75	1.83	3.87	1.94	1.35	37.02
Greenville	8.16	1.71	11.51	3.98	3.35	2.87	3.17	1.61	1.85	2.90	3.54	0.61	45.26
Hamilton	7.82	1.71	9.20	5.50	4.07	3.00	4.13	3.13	1.66		2.69	0.79	
Haydenville	7.25	1.57	6.65	2.98	2.32		3.73	2.47	2.31			2.53	
Hedges	7.19	1.20	8.24	4.05	4.13	1.60	3.38	1.44	2.72	3.21	2.24	1.28	40.68
Hillhouse	6.59	2.14	8.50	2.46	3.06	2.10	4.08	2.71	2.62	6.51	4.80	1.23	46.80
Hillsboro		2.04											
Hiram	4.69	1.19	8.54	2.97	2.85	1.17	3.78	2.72	1.76	4.84	4.26	2.38	41.15
Hudson	5.50	2.25	10.82	2.73	3.31	0.95	4.35	1.91	3.08	4.56	2.88	1.89	44.23
Ironton	7.04	2.24	5.75	3.54	5.26	1.50	4.22	1.25	3.19	2.94	3.52	3.42	43.87
Kenton	5.67	1.11	9.30	3.48	2.28	1.01	3.52	3.89	1.08	2.41		0.53	
Killbuck	8.33	2.22	12.18	3.29	3.18	1.25	7.42	2.27	2.28	3.72	4.88	2.28	53.30
King's Mills	9.84	1.95	10.24	4.41	3.79	2.41	3.67	2.60	2.12	2.38	4.03	1.85	49.29
Lancaster	9.05	2.33	9.28	3.36	2.01	1.91	3.93	2.59	2.71	2.46	4.08	2.24	45.95
Lima	7.67	1.58	10.01	3.72	3.41	0.36	4.74	3.29	1.42	2.61	3.34	0.35	42.50
McConnelsville	7.35	1.78	5.57	2.28	4.33	1.85	10.27	2.99	3.04	3.25	4.67	2.51	49.89
Marietta (Biscoe)	7.45	1.78	3.29	2.17	5.43	4.94	9.35	3.07	2.91	3.31	4.19	2.85	50.74
Marietta (Best)							8.11	2.78	3.61	2.71	4.77	3.24	
Marion	10.80	2.12	12.58	4.39	2.41	3.52	4.94	2.17	2.93	3.47	2.74	1.57	53.64
Medina	6.25	1.88	10.36	2.79	2.83	0.62	4.73	1.75	1.20	4.11	3.59	1.34	41.45
Milfordton	6.50	2.24	7.32	3.21	2.25	1.51	8.20	1.80	1.77	2.73	3.57	2.59	43.69
Milligan	8.28	2.06	7.39	2.39		1.51	10.25	2.44	2.34	3.10	4.07	3.30	
Millport	5.05	1.80	6.53	2.28	3.92	0.72	7.97	2.64	2.14	4.42	3.34	1.66	42.47
Montpelier	4.93	1.95	7.65	3.34	4.56	0.58	3.95	3.09	2.92	3.44	3.21	0.79	40.41
Napoleon	5.13	1.39		2.61	4.19	1.51	2.12	2.44	3.87	2.80	2.49	0.43	
Nellie	7.87	1.99	8.34	3.24	2.88	1.75	4.48	2.42	2.16	3.60	3.30	1.25	43.28

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Ohio—Continued.													
New Berlin	7.15	2.12	8.33	2.82	4.00	0.80	4.14	2.27					
New Bremen	6.21	1.49	9.93	3.09	2.26	1.64	3.42	3.29	1.48	2.48	1.91	0.46	37.66
New Waterford	6.43	3.01	6.93	2.41	2.97	1.29	5.17	1.29	2.18				
North Royalton	6.73	1.85	9.03	2.45	3.45	1.22	6.22	2.17	1.96	4.13	3.19	1.60	44.00
Norwalk	6.60	2.44	10.70	2.76	4.16	1.29	3.64	1.43	1.62	3.35	3.30	1.74	43.03
Oberlin	6.44	1.98	10.38	2.52	2.80	0.59	3.28	2.54	3.16	2.99	4.31	1.26	42.25
Ohio State University	7.35	1.98	9.00	4.27	2.47	1.10	3.05	2.86	1.84	2.48	4.60	1.66	42.66
Ottawa	5.31	1.66	8.33	2.59	4.63	0.96	4.17	5.57	2.47	3.65	2.19	1.09	42.62
Pataskala	7.41	2.65	8.21	3.37	2.38	1.57	4.35	2.58	4.70	3.69	4.42	2.02	47.35
Peebles	9.96	2.14	5.74	3.60	5.26	2.01	5.80	1.51	2.32	2.68	5.03	3.11	49.16
Philo (Burckholter)	7.72	1.46	7.47	2.55	2.49	1.64	11.00	4.62	2.18	2.72	4.46	2.59	50.99
Philo (Hardtla)	7.85	1.83	7.50	2.54	3.36	2.80	12.64	5.28	2.71	3.72	3.89	2.08	56.20
Piqua	7.83	2.03	12.43	4.70	2.70	1.59	4.15	.....	2.14	2.75	2.86	1.39	.....
Plattsburg	7.14	2.09	9.02	4.18	4.07	2.37	3.28	3.93	1.86	2.81	3.77	1.86	46.38
Portsmouth (Schirrmann)	8.99	1.54	5.33	3.09	3.93	1.55	4.08	1.71	2.56	2.28	4.61	3.61	43.28
Portsmouth (Donnally)								1.79	2.28	1.77	4.74	3.52	.....
Prospect	9.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sandusky	6.10	2.07	8.69	2.10	4.69	1.54	2.19	5.42	2.18	2.37	2.25	0.83	40.43
Sidney	7.81	1.75	10.66	4.18	1.98	2.18	3.90	2.34	1.59	3.34	3.06	0.82	43.61
Somerset	7.22	1.97	7.05	2.83	3.18	1.03	5.59	1.23	2.35	2.58	4.52	2.01	41.56
Springfield	7.07	1.42	10.06	5.36	6.15	1.85	4.55	1.99	1.56	2.47	4.10	1.14	47.72
Summerfield	8.05	2.45	5.46	2.81	3.16	2.57	11.04	3.29	3.17	3.86	4.42	2.84	53.12
Syracuse	7.57	2.10	3.81	5.41	5.75	3.52	7.33	3.38	2.10	3.91	5.12	2.81	52.81
Thurman	6.93	1.20	3.18	2.60	5.82	1.95	1.71	1.68	2.35	2.89	4.41	1.83	36.55
Tiffin	8.52	2.99	10.23	4.04	4.77	1.94	5.41	1.12	1.45	3.52	3.34	1.07	48.40
Toboso	7.82	2.37	8.29	3.54	2.40	1.41	11.46	2.90	2.29	3.45	3.82	2.05	51.80
Toledo	6.63	1.67	7.99	2.37	7.39	2.12	3.38	0.96	2.51	3.62	2.55	0.95	42.14
Upper Sandusky	7.18	1.32	12.29	4.30	5.43	2.68	8.97	2.97	1.88	3.21	3.25	1.73	55.21
Urbana	8.29	1.65	10.53	5.14	3.37	1.29	3.62	2.35	2.09	3.01	2.49	1.10	44.96
Vickery	6.71	1.75	8.21	2.69	7.94	3.05	3.05	3.92	2.28	3.04	3.83	0.07	47.14
Wapakoneta	7.53	1.74	10.10	3.29	2.43	1.55	3.95	2.20	1.61	2.95	2.79	0.40	40.54
Warren	6.44	2.76	9.83	2.67	2.50	1.58	3.51	3.43	2.32	5.18	3.58	2.31	46.11
Wauseon	5.84	1.44	7.93	3.03	4.95	1.89	3.87	3.00	2.23	3.18	2.61	0.93	40.90
Waverly	6.03	1.48	5.91	3.77	4.30	3.29	2.90	2.40	2.19	1.76	3.73	2.54	40.70
Waynesville	7.88	1.89	9.01	5.39	3.03	3.70	2.86	1.82	3.27	3.42	4.76	1.32	48.35
Wickliffe	5.99	1.47	8.26	2.71	3.00	1.35	3.07	1.89	2.95	5.09	2.72	1.15	39.65
Wooster	7.86	2.43	11.84	3.66	3.04	0.97	4.07	4.75	3.70	3.17	3.77	1.92	51.18
Youngstown	4.96	1.78	.....	1.87	2.28	1.68	4.11	1.59	0.99	3.73	1.66	1.16	.....
Zanesville	7.32	1.91	.....	3.45	3.68	2.35	13.12	3.17	2.69	3.14	4.02	2.47	.....
Oklahoma.													
Ada	1.87	1.46	2.40	2.67	4.73	0.77	1.34	0.23	3.73	4.95	5.12	5.12	34.39
Altus	.....	.....	.....	1.65	1.53	2.60	1.36	0.00	4.02	1.49	2.66	4.92	.....
Alva	0.20	3.55	1.05	T.	3.55	4.36	2.30	0.15	3.74	2.01	1.84	2.97	27.72
Apache	0.60	2.01	2.65	2.56	2.35	4.31	2.44	0.00	5.70	3.39	4.34	4.23	34.58
Arapaho	T.	2.91	1.65	1.80	4.27	2.93	1.77	0.44	5.60	2.46	3.89	3.85	31.57
Ardmore	1.94	1.39	1.43	1.82	4.13	3.88	3.69	1.06	4.91	3.80	9.61	4.43	42.09
Bartlesville	1.22	3.77	4.04	1.40	4.53	1.26	2.32	T.	7.07	4.16	2.21	6.13	38.11
Beaver	0.40	1.19	0.19	1.44	1.83	2.32	2.27	1.64	3.87	0.50	2.14	1.43	19.22
Buffalo	.....	.....	.....	.....	.....	.....	.....	.....	4.83	1.12	4.85	2.10	.....
Cache	0.60	1.60	1.65	2.10	2.69	5.35	2.45	0.00	6.80	3.10	5.78	6.65	38.77
Calvin	2.35	2.59	1.59	2.02	3.73	1.13	2.25	0.45	6.12	4.02	3.24	3.49	32.98
Chandler	0.92	2.52	3.99	2.03	3.55	1.84	1.79	T.	3.87	2.11	2.26	5.00	29.88
Chattanooga	0.66	1.73	1.54	1.67	7.14	6.08	1.98	0.00	5.06	1.74	3.95	3.92	35.47
Chickasha	.....	.....	3.16	1.78	2.70	4.90	1.37	0.04	7.10	2.84	3.38	4.12	.....
Cleveland	.....	.....	.....	.....	.....	1.77	1.23	0.17	3.31	2.92	3.13	6.18	.....
Cloud Chief	0.14	1.82	3.36	0.85	1.83	2.40	3.79	0.00	4.38	1.44	4.82	4.81	29.64
Durant	4.30	1.68	1.55	0.52	4.99	1.30	7.10	0.07	6.75	5.15	3.72	5.11	42.24
Eldorado	0.26	1.57	2.02	2.15	0.49	0.91	0.26	0.37	2.88	3.41	2.67	4.01	21.03
El Reno	0.46	2.74	2.94	2.07	1.56	4.79	7.44	0.00	5.44	.....	5.10	4.09	.....
Enid	0.42	2.19	1.62	1.46	1.54	2.67	1.22	0.10	9.72	1.74	2.41	3.09	28.18
Erick	0.12	1.37	2.04	2.39	2.05	2.64	0.24	0.23	6.41	1.76	2.97	3.04	25.26
Eufaula	3.40	2.72	1.16	1.57	3.75	0.15	2.85	0.75	4.59	2.47	2.75	3.75	29.91
Fairland	2.84	3.69	3.87	3.26	4.49	2.35	2.87	0.08	3.16	4.75	1.84	4.47	37.67
Fort Gibson	2.60	2.77	1.99	2.69	5.18	0.90	2.59	0.45	4.56	4.23	3.40	4.58	35.94
Frederick	0.56	1.99	1.32	1.57	2.44	3.73	1.27	0.00	4.44	3.03	3.78	5.57	29.70
Geary	0.33	3.11	2.29	2.80	2.13	2.47	4.52	1.05	4.98	1.67	4.00	4.36	33.71
Goodwell	0.45	0.90	0.10	0.52	1.32	3.65	1.10	1.81	3.63	0.07	2.75	2.69	18.99
Guthrie	0.90	4.30	4.45	3.60	4.80	2.60	3.25	0.50	4.48	3.80	3.15	5.05	40.88
Guymon	1.30	1.25	0.50	1.03	1.36	1.45	1.38	.....	5.33	0.60	3.43	2.96	.....
Hammon	.....	.....	.....	.....	.....	.....	.....	0.09	3.10	1.57	3.70	3.42	.....
Hartshorne	4.72	3.21	2.47	0.63	6.30	0.80	0.04	2.40	7.55	.....	.....	.....	.....
Healdton	1.54	1.88	1.57	1.23	4.19	5.85	1.50	0.28	2.93	5.28	12.88	6.99	46.12
Heavener	.....	.....	.....	.....	.....	.....	.....	T.	6.00	8.04	2.28	4.19	.....
Helena	0.05	2.39	0.77	1.09	.....	.....	.....	.....	6.55	3.31	1.98	3.04	.....
Hennessey	0.55	1.78	1.74	1.22	4.09	5.86	1.70	T.	6.85	1.82	2.80	3.49	31.90
Hobart	0.32	1.87	2.63	1.70	1.26	6.05	2.75	0.01	5.40	2.93	4.51	5.07	34.50
Holdanville	2.06	2.90	1.98	1.66	3.71	0.73	1.22	0.15	8.22	2.76	4.55	4.34	34.29
Hooker	0.30	0.69	0.10	1.08	1.55	1.42	1.89	0.93	2.89	0.36	3.05	1.75	16.01
Hugo	5.83	2.29	2.40	1.62	8.41	2.38	6.97	0.40	11.27	2.23	1.40	6.32	51.52
Hurley	0.60	0.90	T.	0.33	0.08	2.24	1.19	0.50	1.60	1.90	0.50	0.69	10.53
Idabel	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.01	.....	6.80	.....
Jefferson	0.50	2.65	1.16	1.64	2.64	3.72	0.72	0.37	8.59	2.49	1.94	3.45	29.87
Kenton	0.50	1.17	0.45	1.85	0.66	1.71	2.34	1.53	1.49	0.70	1.82	4.20	18.42
Kingfisher	0.55	3.45	2.60	2.38	3.02	3.34	2.32	T.	6.79	4.24	4.55	4.04	37.28
Lawton	1.07	2.54	2.07	1.98	4.93	6.77	2.11	0.05	8.56	2.19	4.60	5.61	42.48
Lawtonka Lake	0.60	1.85	2.17	.....	3.22	3.82	2.97	0.06	6.58	3.28	4.66	5.20	.....
McAlester	3.75	3.28	2.25	1.25	6.25	0.71	2.11	1.38	11.66	3.88	4.19	3.90	44.61
Mangum	0.03	1.50	2.05	2.05	0.91	1.09	4.00	0.55	4.51	2.37	3.83	3.91	26.80
Marlow	1.75	0.53	3.10	1.06	3.90	5.10	0.83	0.00	5.22	3.64	3.01	5.55	33.69
May	0.20	0.80	T.	2.00	1.90	.....	0.37	.....	.....	.....	.....	.....	.....
Meeker	1.90	3.09	4.07	1.55	4.20	1.68	1.00	0.55	7.22	4.10	5.03	8.29	42.68
Muskogee, No. 1	2.25	2.52	1.41	2.32	5.41	0.07	1.42	0.36	5.54	4.93	3.27	5.67	35.17
Muskogee, No. 2	2.50	3.09	1.28	2.59	5.31	T.	1.89	0.33	5.75	4.33	3.05	4.95	35.07
Mutual	0.00	1.20	0.15	1.32	2.33	2.67	0.43	1.65	11.50	2.10	2.60	2.68	28.63

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Oklahoma—Continued.													
Neola	0.46	1.69	1.62	1.76	1.77	1.75	4.00	T.	4.90	2.06	4.76	4.31	29.08
Newkirk	0.43	3.65	0.65	1.39	4.95	4.08	1.52	0.42	6.41	2.66	1.80	2.81	30.77
Norman	1.11	2.38	2.45	1.45	4.36	4.45	1.00	0.14	6.16	2.89	5.63	.....	.....
North Muskogee	2.46	2.48	2.42	2.17	4.31	0.44	3.56	0.99	4.23	5.24	3.25	4.71	36.26
Oakwood	.....	.....	.....	.....	.....	.....	.....	0.66	4.92	1.31	3.83	3.15	.....
Okeene	0.28	2.41	1.16	1.41	1.67	3.15	1.64	0.71	6.42	0.86	3.52	3.94	27.17
Okemah	1.65	2.15	3.37	2.87	5.60	1.41	0.78	0.66	4.47	4.55	4.15	5.42	37.08
Oklahoma	0.56	2.72	3.11	1.88	3.88	3.82	5.06	0.57	4.80	2.52	3.71	3.38	36.01
Okmulgee	2.40	3.43	2.11	2.60	.....	0.45	2.05	0.70	3.12	2.98	2.19	4.21	.....
Pauls Valley	1.80	1.16	2.00	1.70	6.81	1.82	1.46	0.00	7.89	3.56	7.62	5.25	41.07
Pawhuska	1.69	4.30	2.42	1.65	4.97	3.05	0.62	0.39	6.02	4.65	2.75	3.68	36.19
Perry	0.62	3.10	2.08	1.69	4.08	1.75	2.77	0.00	4.16	2.80	2.54	4.45	30.04
Rankin	0.19	1.32	1.38	2.40	1.27	3.92	1.59	0.53	5.43	2.43	3.12	2.92	26.50
Ravia	3.01	2.46	1.28	1.11	4.05	2.09	5.15	0.28	8.63	6.83	4.06	4.83	43.78
Sac and Fox Agency	1.20	2.65	3.56	1.63	4.08	0.46	1.79	0.15	5.84	3.38	2.67	4.84	32.25
Shawnee	1.32	2.22	3.02	1.40	4.24	2.50	1.82	0.39	4.65	3.81	4.39	5.50	35.26
Snyder	.....	.....	.....	.....	.....	.....	1.53	0.00	9.07	1.47	4.47	4.65	.....
Stillwater	0.56	3.46	3.00	3.87	3.31	1.88	3.49	0.05	6.13	3.29	2.96	4.59	36.59
Tahlequah	.....	.....	.....	.....	.....	0.88	1.87	0.38	3.69	3.42	2.52	4.37	.....
Tulsa	1.60	3.18	4.82	3.46	7.36	0.75	3.12	0.21	3.44	5.23	2.03	5.62	40.82
Vinita	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.59	3.10	5.15	.....
Wagoner	4.75	4.40	2.55	3.38	5.43	0.93	3.70	0.00	7.68	4.90	1.76	5.15	44.63
Wankomis	0.49	2.35	1.63	1.72	3.84	4.22	1.28	0.09	6.45	2.99	2.47	3.54	31.07
Waurika	1.02	1.00	1.59	2.32	3.02	3.22	2.71	0.11	3.26	3.19	7.94	4.53	33.91
Weatherford	0.74	2.97	2.23	2.91	1.42	2.24	7.86	0.87	4.77	1.34	4.74	4.02	36.11
Webbers Falls	4.00	3.00	2.80	3.10	3.85	0.60	3.40	0.75	5.65	2.80	2.65	3.80	36.40
Whiteagle	0.81	3.44	1.38	1.47	3.65	1.72	1.05	T.	5.44	3.03	3.30	4.11	29.40
Woodward	0.40	2.44	0.54	1.11	2.08	5.31	0.99	1.87	4.89	1.05	3.50	2.73	26.91
Wyandotte	2.70	3.26	.....	3.50	4.32	2.68	2.02	0.38	4.00	3.70	2.90	.....	.....
Oregon.													
Agency Plains	0.84	0.36	T.	1.06	1.45	0.93	0.26	T.	0.19	0.49	0.94	1.44	7.96
Albany	5.69	1.35	5.26	2.45	2.12	3.37	0.55	0.50	1.73	3.65	5.70	3.00	35.37
Alpine	8.27	0.95	5.67	3.17	1.58	2.70	.....	.....	.....	.....	.....	.....	.....
Ana River	1.03	0.17	0.04	0.37	0.35	2.14	2.33	0.96	0.23	0.13	0.51	1.11	9.37
Ashland	3.48	0.47	0.77	2.54	1.94	3.17	2.86	0.08	0.92	0.40	2.78	2.49	21.90
Astoria	15.16	2.98	5.74	4.84	3.17	5.33	2.37	0.41	5.98	5.27	12.06	7.96	71.27
Austin	2.98	0.58	2.00	1.80	2.51	2.85	2.01	0.26	1.30	2.32	1.78	1.60	21.99
Baker	1.55	0.37	1.60	1.90	1.10	2.76	0.47	1.07	0.55	1.07	0.64	1.10	14.18
Bear Creek	0.82	0.32	0.56	0.93	0.86	3.38	1.79	1.17	0.26	1.12	1.10	1.68	13.99
Bear Valley	1.94	0.27	1.67	1.81	0.68	3.22	1.81	1.31	0.08	0.78	2.25	1.92	17.74
Beech Creek	2.30	0.63	2.27	2.15	2.62	2.45	1.04	0.54	0.48	2.31	2.25	2.10	21.14
Bellfountain	8.91	1.47	7.09	4.04	1.92	3.22	0.92	0.14	3.97	4.06	9.24	4.73	49.71
Bend	.....	.....	.....	.....	.....	.....	0.55	0.24	0.15	0.24	1.99	1.90	.....
Big Basin	1.00	0.03	1.09	0.51	0.16	2.49	T.	0.39	0.00	2.32	0.23	0.60	8.82
Black Butte	9.35	1.00	6.30	3.90	3.05	4.95	0.90	0.10	3.85	3.70	9.60	4.50	51.20
Blalock	2.57	0.20	0.78	0.41	1.18	0.62	T.	T.	0.16	1.07	0.92	2.14	10.05
Blue Mountain Sawmill	7.78	3.35	9.15	2.15	2.49	6.01	0.18	0.63	1.55	6.01	3.90	2.10	45.30
Buena Vista	2.84	0.80	2.03	1.01	2.86	3.68	2.40	1.19	0.81	3.30	0.60	2.10	23.62
Burns	1.55	0.15	0.86	0.99	0.25	2.93	1.99	0.19	0.15	1.63	1.08	2.05	13.82
Burns Mill	2.15	0.30	0.45	1.21	0.27	3.26	2.04	0.68	0.35	2.00	.....	.....	.....
Butte Falls	4.82	0.53	1.71	3.09	1.96	3.87	2.61	0.18	1.09	1.90	4.60	3.33	29.69
California Gulch	2.37	1.53	5.01	2.72	3.40	4.04	0.16	0.40	0.57	3.94	1.96	0.98	27.08
Camp Creek	1.23	0.24	0.97	0.58	0.75	1.77	.....	.....	.....	.....	.....	.....	.....
Cascade Locks	14.73	4.38	11.54	4.33	3.30	3.65	0.83	0.85	5.09	8.05	11.60	4.16	72.51
Cascadia	8.35	3.26	10.64	5.72	4.66	6.14	1.43	0.72	3.10	7.50	6.84	3.91	62.27
Cazadero	7.52	1.92	9.21	4.11	3.10	4.90	0.74	0.83	3.63	6.35	6.81	3.21	52.33
Central Point	.....	.....	.....	2.19	1.39	2.97	2.31	0.00	0.58	.....	.....	1.90	.....
Christmas Lake	0.80	0.16	0.27	0.97	1.08	3.35	1.60	0.57	.....	.....	.....	.....	.....
Clear Lake	12.41	2.07	10.42	3.78	4.23	6.25	1.13	0.81	3.77	7.31	10.97	4.67	67.82
Cliff	0.67	0.13	0.26	0.70	0.85	3.61	1.17	0.65	0.36	0.31	1.40	0.85	10.96
Columbia Mine	9.70	1.70	4.89	1.79	2.96	3.92	2.40	1.44	1.55	0.61	3.75	4.70	39.41
Condon	.....	0.18	1.22	0.67	1.71	2.80	0.00	0.50	0.37	2.26	1.32	0.75	.....
Coquille River Lighthouse	10.25	1.93	4.79	6.34	2.27	2.19	0.47	T.	2.75	3.45	7.90	6.11	48.45
Cornucopia	9.11	1.40	7.48	3.60	2.39	5.53	1.45	0.18	0.44	3.19	8.47	3.78	47.02
Corvallis	6.36	1.22	4.33	2.76	1.89	2.88	0.93	0.37	2.33	3.57	6.01	3.11	35.76
Cracker Creek	4.10	1.30	2.14	0.05	1.63	2.60	0.24	0.17	1.30	1.41	1.90	1.90	18.74
Crescent	3.42	0.29	1.06	1.49	1.23	4.75	0.93	0.12	0.34	0.35	3.03	1.81	18.82
Culver	.....	.....	0.50	1.12	1.72	1.24	0.50	0.12	0.19	0.69	0.67	1.12	.....
Dayville	1.36	0.14	0.64	1.46	1.14	3.09	0.43	1.04	0.01	0.55	1.46	1.35	12.67
Deadwood	18.52	1.62	13.24	6.81	2.66	3.93	1.20	0.28	5.77	6.44	13.13	7.83	81.43
Doraville	7.31	1.99	4.17	3.23	2.19	3.78	0.98	0.64	3.11	3.91	9.41	3.51	44.23
Drain	8.31	0.88	5.17	3.41	1.73	2.69	0.70	0.12	1.65	3.38	7.03	4.60	39.67
Dufur	2.52	0.65	0.80	1.19	1.23	1.55	0.14	0.01	0.53	1.45	2.17	2.09	14.33
Echo	2.12	0.68	1.16	0.78	0.55	1.44	0.12	0.61	T.	1.87	1.37	1.00	11.70
Ella	1.77	0.32	0.59	1.07	.....	1.14	.....	.....	0.10	1.95	1.12	0.82	.....
Embody	4.27	0.45	0.52	1.67	1.10	2.55	1.27	1.11	0.27	0.45	3.78	2.20	19.64
Eugene	5.04	1.16	3.83	2.30	2.80	3.37	0.63	0.29	1.82	2.74	4.91	2.77	31.66
Fir Glen	10.82	1.85	5.77	4.91	0.86	1.51	1.26	0.23	0.96	4.71	9.87	5.38	48.13
Florence	13.03	1.98	10.04	5.55	2.42	3.88	1.51	0.22	4.76	5.38	11.02	7.08	66.87
Folly Farm	.....	.....	.....	.....	0.72	1.27	3.02	0.08	0.11	0.72	2.51	1.77	.....
Forest Grove	7.61	.....	5.35	2.42	1.62	4.54	0.38	.....	.....	.....	.....	.....	.....
Fort Rock	1.17	0.07	0.17	0.69	0.84	2.43	0.89	0.85	0.03	0.11	1.36	1.20	9.81
Galice	11.31	0.40	4.61	4.20	1.26	1.33	2.16	0.06	1.27	1.11	7.54	7.94	43.19
Gardiner	12.81	2.30	9.99	6.51	2.70	3.60	1.45	0.13	5.49	5.38	10.03	8.29	68.68
Gibbon	4.31	3.50	2.48	2.05	1.68	.....	.....	.....	.....	4.60	3.70	1.50	.....
Glass Butte	0.75	0.85	0.93	0.41	0.53	3.35	2.03	1.00	0.10	0.20	1.31	.....	.....
Glencoe	1.08	0.31	1.34	1.22	1.24	2.83	0.07	0.66	0.36	2.35	1.00	0.74	13.20
Glendale	6.67	0.30	.....	.....	.....	.....	0.31	0.65	1.32	1.27	5.05	5.38	.....
Glenora	18.24	4.46	12.03	5.99	3.53	5.85	1.17	1.34	11.23	8.21	25.67	7.33	105.95
Gold Beach	11.35	2.35	8.49	7.10	.....	.....	.....	.....	.....	.....	.....	.....	.....
Golden Falls	16.97	2.50	13.90	6.97	2.54	4.95	2.13	0.15	4.70	9.13	11.41	9.15	84.50
Grants Pass	7.93	0.32	1.62	2.24	1.83	2.27	1.57	0.52	1.02	0.20	4.40	4.81	28.73
Grass Valley	1.86	0.46	1.28	0.87	2.72	1.75	0.00	0.00	0.65	1.83	1.61	1.61	14.64

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Oregon—Continued.													
Greenhorn	7.85	0.91	5.14	2.47	1.94	6.02	1.75	0.73	1.15	3.74	4.19	3.69	39.58
Gumboot	5.63	1.03	2.95	2.96	2.21	5.27	0.54	0.73	0.24	1.11	4.56	2.81	30.04
Gurdane	0.14	0.02	0.15	0.24	0.26	0.30	0.02	0.09	0.03	1.13	.....	0.08	.....
Happy Home	25.07	3.74	12.65	8.72	4.42	3.77	1.25	0.30	7.08	3.85	18.35	15.72	105.52
Harbor	12.03	3.23	8.14	10.47	3.31	3.95	2.85	0.05	6.66	5.02	12.80	10.05	78.56
Hazeldell	6.48	1.40	5.02	3.78	2.03	3.94	0.53	0.15	2.08	2.71	5.76	2.84	36.72
Headworks	8.44	4.83	11.60	5.33	3.91	6.83	1.45	1.55	5.33	7.57	9.87	5.81	72.52
Heppner	1.31	0.30	1.82	2.27	1.39	2.18	0.12	0.85	0.25	2.75	1.42	0.64	15.30
Hermiston	0.83	0.60	0.49	0.43	0.59	0.94	0.05	0.44	0.22	1.37	1.14	1.13	8.23
Hilgard	1.50	0.90	5.70	1.50	2.60	3.50	1.40	1.50	0.10	3.20	1.55	0.30	23.75
Hollywood Orchard	.....	0.07	0.28	2.05	1.76	2.97	2.82	.....	.....	.....	.....	.....	.....
Hood River	4.35	0.49	3.23	1.32	1.05	0.96	0.15	0.15	0.90	2.01	6.33	1.54	22.48
Hood River (No. 2)	6.58	0.76	4.28	1.32	1.23	0.73	0.11	T.	0.58	2.85	3.99	2.32	24.75
Hood River (No. 3)	5.96	0.85	3.13	1.15	1.18	0.97	0.15	0.18	0.54	2.52	3.43	1.97	22.03
Hood River (No. 4)	6.59	0.96	3.68	1.15	1.47	1.13	0.25	0.23	1.07	2.83	4.47	2.13	25.96
Hoover	14.08	3.16	11.91	4.66	3.99	4.96	1.58	0.93	4.15	7.79	10.84	4.74	72.79
Howardville	5.52	2.60	4.86	1.82	3.32	5.28	0.59	0.70	1.33	3.46	3.16	1.70	34.34
Huntington	1.72	.....	0.73	0.23	0.10	0.21	0.10	0.02	1.01	5.53	1.08	1.75	.....
Ibex Mine	6.84	1.81	4.14	2.94	2.91	3.48	1.18	0.38	1.19	3.03	3.54	3.77	35.21
Imperial	2.05	0.26	0.47	0.56	0.65	2.86	0.58	0.52	0.44	0.65	2.83	1.06	12.93
Ironside	1.83	0.14	0.69	1.51	1.46	3.12	0.85	0.49	0.22	0.70	0.60	2.92	14.53
Jacksonville	5.25	T.	0.70	2.15	1.70	3.19	4.14	0.22	0.48	0.99	3.90	2.50	25.13
Joseph	1.00	1.65	2.65	2.71	2.74	4.55	0.64	1.70	1.01	1.69	2.09	0.80	23.23
Klamath Falls	3.57	0.05	0.50	1.05	0.71	2.54	1.37	0.71	0.14	0.32	1.99	3.16	16.11
La Grande	2.93	1.83	4.57	1.42	2.90	4.39	.....	.....	0.70	3.05	1.10	0.85	.....
Laidlaw	1.00	0.35	0.33	1.07	1.24	2.44	2.01	0.09	T.	0.77	0.42	.....	.....
Lakeview	1.04	0.17	0.61	0.69	0.79	3.22	2.69	0.42	0.17	0.06	1.62	1.85	13.33
La Pine	.....	.....	1.31	1.20	1.34	3.36	1.50	0.11	0.29	1.91	2.46	.....	.....
Lilyglen	5.65	1.07	3.24	4.71	2.09	3.83	3.53	0.82	1.22	1.73	4.89	5.61	38.39
Long Creek	1.71	1.14	8.56	2.62	1.18	3.60	0.44	0.84	0.30	3.75	1.59	0.60	26.33
McKenzie Bridge	13.04	3.15	10.54	3.64	3.63	6.53	1.43	0.97	3.02	7.46	9.95	.....	.....
McMinnville	7.44	0.96	4.48	3.59	1.34	3.76	0.29	0.11	2.23	2.84	7.50	2.57	37.11
Marshfield	12.60	2.37	7.64	5.97	2.35	2.57	1.22	0.15	3.80	4.29	7.95	8.07	58.98
Maury	1.40	0.55	1.25	1.18	0.62	3.24	1.48	0.78	0.19	1.67	2.10	2.57	17.03
Meadowbrook Farm	6.00	0.50	3.90	1.55	1.75	1.36	0.20	0.20	1.24	3.86	5.10	2.88	28.54
Medford	3.52	0.10	0.43	2.45	1.72	3.09	2.74	0.08	0.46	0.62	2.82	1.91	19.94
Merrill	1.35	0.12	0.17	1.60	0.36	1.39	2.02	0.17	0.26	0.33	1.44	1.81	11.02
Metolius	0.79	0.38	0.25	0.71	1.35	1.27	0.15	0.00	0.17	0.21	0.69	1.24	7.21
Miramonte Farm	7.15	1.11	5.13	4.45	2.19	4.40	0.63	0.67	3.07	3.48	6.75	3.51	42.54
Mount Angel	6.07	1.64	6.11	4.32	2.51	4.07	0.39	0.63	3.48	4.14	7.78	3.17	44.31
Mount Hood	.....	1.36	5.18	1.44	1.29	1.26	0.31	0.14	0.94	4.39	4.78	.....	.....
Mountain Home	10.74	2.62	5.46	3.26	1.87	3.88	0.94	0.80	3.41	5.93	8.52	4.13	51.56
Mountain Ranch	7.93	0.07	1.51	3.16	1.64	2.83	2.63	0.07	.....	.....	5.25	5.87	.....
Musick	18.32	2.12	15.10	6.29	3.47	6.33	1.88	0.37	6.09	5.07	14.37	3.87	83.28
Newport	12.89	2.73	8.24	4.46	3.14	6.62	1.11	0.20	3.98	7.35	14.68	7.91	73.31
Ochoco	0.86	0.91	1.30	1.94	0.88	2.24	0.63	0.85	0.24	2.25	2.10	1.07	15.27
Ochoco Creek	1.40	0.74	1.32	1.26	0.80	1.68	1.06	0.69	0.24	1.68	0.87	1.53	13.27
Odell	.....	.....	.....	.....	0.98	1.03	0.20	0.22	0.23	.....	.....	.....	.....
Ortley	4.97	1.02	1.80	0.84	1.27	1.58	0.09	0.08	0.53	2.45	3.16	2.94	20.73
Owyhee	1.09	0.05	0.24	0.18	0.91	1.38	2.67	T.	0.40	0.35	1.24	0.90	9.41
Paisley (near)	0.89	0.18	0.07	0.34	.....	1.95	2.34	0.79	0.42	0.11	1.38	0.80	.....
Parkdale	8.00	1.73	4.50	1.41	1.04	1.13	0.39	0.05	0.80	3.53	4.34	1.75	28.67
Pendleton	2.63	1.11	1.88	1.15	1.10	2.26	1.54	0.61	0.43	2.41	1.34	1.06	17.52
Peninsula	.....	.....	0.33	0.60	1.47	1.11	0.58	0.10	0.14	0.24	0.91	1.30	.....
Persist	10.34	1.45	3.74	3.45	1.65	4.17	2.92	0.15	1.93	2.84	6.10	6.17	44.91
Pilot Rock	1.99	1.22	2.62	1.31	1.71	2.95	0.13	0.16	0.36	1.97	1.96	1.25	17.63
Pompeii	18.77	7.71	14.41	5.02	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland	6.25	1.13	4.04	2.94	1.63	4.24	0.24	0.76	2.58	3.62	5.39	3.48	36.30
Port Orford	.....	2.33	7.90	7.66	3.25	3.90	1.01	0.33	5.26	4.56	12.17	9.18	.....
Post	1.23	0.34	0.89	1.24	0.85	2.31	2.58	0.88	.....	1.37	1.15	1.89	.....
Powell Butte	.....	0.32	.....	0.80	1.06	2.93	0.67	1.00	0.18	0.15	0.45	1.16	.....
Power House	1.89	2.37	3.25	1.22	1.46	4.77	0.00	0.31	0.87	2.92	2.36	.....	.....
Prairie City	1.51	0.35	1.90	1.80	0.71	3.09	1.35	0.75	0.72	1.95	1.41	0.79	16.53
Prineville	.....	.....	.....	.....	.....	.....	0.37	1.23	0.40	0.95	0.70	0.30	.....
Prospect	8.15	0.61	2.96	2.54	1.84	3.22	3.04	0.30	1.25	2.96	5.56	4.93	37.36
Rager Creek	1.84	0.42	1.34	1.37	0.71	2.36	1.22	0.74	0.14	1.83	2.27	1.86	16.10
Ramsey	2.51	0.57	0.90	1.03	1.11	1.63	0.13	0.00	0.41	1.49	2.17	1.58	13.53
Range	2.35	0.70	3.50	2.86	1.90	3.90	0.42	0.59	0.30	2.90	2.10	1.10	22.62
Ray Creek	.....	0.12	1.64	1.77	1.00	2.39	T.	0.94	0.12	2.48	1.29	0.52	.....
Redmond	0.69	0.39	0.22	0.65	.....	2.01	0.36	0.11	0.29	0.64	0.51	1.22	.....
Reston	10.43	1.10	4.28	4.39	0.94	1.80	1.02	0.17	0.97	3.91	9.44	4.80	43.25
Riddle	.....	0.43	1.71	2.29	0.97	2.02	0.87	0.74	0.78	1.22	4.70	2.42	.....
Riley	2.98	0.13	0.16	0.65	0.10	3.11	1.17	0.01	.....	.....	2.80	2.50	.....
Rio Hermoso	4.05	.....	2.09	1.69	1.72	1.70	0.39	0.00	0.63	3.60	3.97	2.53	.....
Riverdale	0.96	0.22	0.40	0.75	0.88	2.54	0.62	0.78	0.49	1.25	1.08	2.10	12.07
Riverside	1.40	0.04	0.92	1.05	0.70	3.17	4.60	.....	0.35	0.84	1.43	3.10	.....
Robbville	.....	.....	0.69	0.56	1.72	3.02	0.34	0.39	0.33	0.31	1.37	0.86	.....
Roseburg	5.76	0.57	2.23	2.05	1.50	3.27	0.61	0.19	1.44	1.76	4.79	2.36	26.53
Salem	4.36	1.20	5.36	2.24	2.24	3.48	0.29	0.30	2.57	2.78	5.54	3.39	31.75
Seneca	1.58	0.68	1.04	2.66	0.45	3.68	1.87	1.34	T.	1.37	2.07	.....	.....
Silver Lake	1.37	0.39	0.10	0.90	0.96	1.69	1.84	1.10	0.07	0.08	1.40	1.32	11.22
Siskiyou	10.26	0.82	2.44	2.67	1.47	2.97	3.23	2.38	0.41	0.50	2.55	7.27	36.97
Sisters	2.64	0.44	1.18	0.80	1.61	1.65	0.65	0.34	0.28	1.30	2.19	1.40	14.38
Sparta	6.10	1.50	1.81	1.11	1.23	3.30	1.15	0.01	0.10	1.05	1.10	3.20	21.66
Stafford	5.96	1.38	4.96	4.46	2.40	5.25	0.52	0.89	3.51	4.45	7.58	4.01	45.37
Starkey	2.29	0.90	2.78	1.99	2.55	4.56	0.76	1.36	10.9	3.12	1.10	0.69	23.19
Summit	11.19	3.01	8.62	4.09	1.72	2.98	1.10	0.50	3.94	4.84	10.87	5.39	58.25
Susanville	3.24	1.03	2.26	2.49	2.26	2.78	1.13	2.35	0.64	3.60	1.96	1.98	25.72
Tablerock	.....	.....	0.35	2.31	1.35	3.27	2.03	0.12	0.48	0.79	2.93	2.57	.....
Talent	.....	0.24	0.48	2.43	1.92	3.06	2.89	0.14	0.57	0.25	2.23	1.95	.....
Tamarack	2.11	0.61	1.51	1.44	1.71	2.50	0.15	1.10	0.47	3.81	2.00	1.03	18.44
The Dalles	.....	.....	.....	0.69	0.92	1.55	0.09	T.	0.46	1.65	2.21	1.72	.....
Tillamook	.....	.....	.....	.....	.....	6.60	1.17	0.09	4.67	7.82	15.58	9.06	.....
Toledo	13.68	2.90	12.20	6.15	2.55	5.50	0.95	0.20	3.45	9.05	15.00	9.11	80.74
Trail	7.20	0.30	1.66	3.46	1.46	3.44	2.51	0.43	1.18	2.30	.....	.....	.....
Umatilla	1.40	0.38	0.35	0.68	0.80	1.64	0.14	0.64	0.24	1.24	1.09	0.90	9.50

Monthly and annual precipitation (in inches and hundredths) for 1913- Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Oregon—Continued.													
Union	0.88	0.61	2.52	1.44	1.92	3.68	0.96	0.66	.....	2.10	1.15	0.46	.....
Vale	0.97	0.07	0.48	0.46	0.76	3.38	1.97	0.08	0.11	0.93	1.16	1.94	12.31
Valley Falls	0.57	0.09	0.20	0.34	2.46	2.50	1.48	0.36	0.30	0.00	1.53	3.88	13.71
Van	1.72	T.	0.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vida	10.68	2.44	11.04	5.21	3.55	8.04	1.40	0.81	3.07	6.42	9.88	5.39	67.93
Vistillas	3.11	0.39	0.80	1.22	1.12	2.77	4.35	0.34	0.20	0.30	2.41	4.22	21.23
Waldo	.....	.....	4.28	4.35	2.18	2.24	0.05	2.67	1.55	9.35	2.10	.....	.....
Wallace Orchard	3.95	1.41	3.79	3.07	2.37	3.73	0.29	0.25	3.26	3.65	6.94	3.76	36.47
Walloupa	4.92	1.76	4.31	2.00	3.26	5.36	0.54	0.95	1.19	2.77	.....	.....	.....
Wallowa	2.15	1.32	3.47	1.52	2.57	3.89	0.58	1.58	1.28	2.72	1.47	1.33	23.88
Wamic	1.72	0.39	0.72	0.97	1.67	1.54	0.10	T.	.....	2.10	1.04	2.09	.....
Warmspring	2.35	0.45	0.18	0.93	1.24	1.25	0.10	T.	0.29	0.87	0.72	1.62	10.00
Welches	16.68	4.93	14.30	4.77	3.59	7.03	1.86	1.17	4.55	10.21	10.22	1.42	80.73
Weston	.....	2.14	3.33	1.79	2.13	3.36	0.11	0.25	0.95	3.24	2.12	1.08	.....
Whitaker	.....	.....	.....	.....	.....	.....	1.23	0.82	0.11	0.22	1.11	0.71	.....
Williams	6.85	0.10	0.91	2.14	1.26	2.77	2.53	0.17	0.74	0.41	5.93	5.29	29.10
Yonna	2.43	0.10	0.82	1.17	0.44	1.72	1.66	0.31	0.20	0.36	2.09	3.29	14.59
Pennsylvania.													
Aleppo	7.59	1.33	3.88	2.05	5.55	2.92	4.32	1.48	2.85	4.41	3.69	2.52	42.59
Allentown	3.94	2.09	7.24	6.82	2.60	2.00	3.64	4.10	3.97	5.80	2.79	4.07	49.06
Altoona	4.69	1.26	3.12	2.28	5.64	1.96	4.84	1.49	4.48	7.90	3.08	2.94	43.68
Ansonia	3.80	1.14	4.12	3.05	3.75	2.47	3.68	2.00	1.88	6.25	2.41	1.62	36.17
Austin	6.87	1.57	6.65	5.25	3.40	1.95	6.28	2.87	2.50	6.42	2.92	2.18	48.86
Baldwin	7.64	2.35	6.14	2.22	2.46	2.21	4.68	1.29	1.50	6.45	2.60	2.45	42.19
Beaver Dam	5.78	2.29	5.78	2.26	3.58	0.83	4.28	1.46	1.85	3.53	2.73	2.43	35.80
Beaver Falls	6.05	2.06	6.08	2.14	3.04	1.44	6.82	1.82	1.34	3.50	2.75	2.26	39.30
Bethlehem	4.22	2.13	6.41	6.28	3.33	1.81	2.50	5.01	4.39	5.41	3.05	4.04	48.58
Bloserville	3.38	1.53	5.38	4.15	4.86	1.04	2.71	1.68	4.52	8.90	2.04	3.45	43.64
Brookville	3.20	0.88	5.02	2.90	3.75	3.62	4.36	0.95	1.57	5.20	3.00	0.95	35.40
Browers Lock	3.90	2.85	4.22	7.68	3.89	2.93	2.56	4.12	2.28	5.55	2.47	2.40	44.85
California	6.09	1.83	3.68	3.13	3.19	1.80	2.50	0.77	.....	3.15	3.65	0.69	.....
Catawissa	3.68	1.79	5.28	5.07	2.80	1.75	3.98	1.63	4.10	4.06	2.04	3.52	39.70
Center Hall	2.80	1.04	3.51	2.49	.....	3.26	.....	.....	1.78	5.03	3.00	1.50	.....
Cheat Haven	7.18	1.51	3.09	2.47	7.14	3.06	6.27	0.70	2.69	4.79	4.01	2.78	45.69
Clarion	6.70	2.56	6.05	2.85	2.78	7.61	4.54	1.20	1.27	5.08	3.58	2.35	46.57
Claysville	6.35	1.82	3.97	3.28	4.04	1.10	8.00	1.80	2.49	4.36	3.63	2.05	42.89
Clearfield	8.90	1.83	4.82	.....	.....	.....	.....	.....	.....	.....	3.43	1.62	.....
Coatesville	4.28	2.45	4.91	7.52	5.01	2.12	2.19	4.39	2.76	5.20	2.41	3.03	46.27
Confluence	6.26	1.96	3.22	3.28	5.27	3.11	4.24	2.44	3.39	6.21	4.38	2.52	46.28
Coraopolis	5.59	2.09	5.80	2.54	3.45	1.25	5.68	2.63	1.68	3.62	2.67	2.63	39.63
Davis Island Dam	6.08	2.16	5.67	2.58	3.31	0.97	5.53	2.22	2.57	3.72	2.81	2.86	40.43
Derry Station	6.38	2.15	3.75	2.56	4.59	3.01	3.95	1.89	5.43	5.23	3.87	3.77	46.58
Doylestown	3.85	3.68	4.03	7.28	4.05	1.95	6.04	4.52	5.43	8.68	2.75	3.35	55.61
Drifton	5.73	2.45	6.38	7.91	3.25	2.37	4.50	2.76	4.39	5.54	3.73	2.55	51.56
Edinboro	.....	.....	.....	.....	2.67	5.08	4.91	4.36	1.80	7.71	5.39	1.80	.....
Ellwood City	6.23	2.66	6.15	2.28	3.14	1.91	6.53	1.24	1.38	4.46	3.13	2.23	41.34
Emporium	7.06	2.13	6.07	3.28	4.10	2.94	6.31	2.11	1.85	6.42	3.52	2.84	48.03
Ephrata	2.37	1.29	6.36	5.52	3.27	1.60	2.06	2.96	4.76	5.33	1.43	3.14	40.09
Erie	5.60	2.01	7.36	2.03	2.68	2.79	1.36	2.66	1.69	4.84	4.18	1.07	38.27
Everett	3.30	0.90	3.09	2.26	5.97	2.21	3.91	1.75	2.17	6.76	3.90	2.38	38.60
Forks of Neshaminy	3.23	1.79	4.64	5.80	0.48	1.88	4.40	3.73	6.28	8.13	3.60	2.60	46.56
Franklin	7.63	2.35	7.60	2.65	2.85	4.33	5.26	2.19	1.67	5.27	3.42	2.13	47.35
Freeport	7.79	2.11	4.36	2.63	4.39	2.62	3.13	0.86	2.77	5.42	2.96	2.58	41.62
George School	3.19	2.50	4.54	5.19	3.69	1.29	3.71	4.08	3.91	7.03	3.42	1.97	44.52
Gettysburg	2.82	1.13	8.00	4.37	3.63	1.39	3.87	6.45	2.53	6.10	2.69	3.48	45.86
Girardville	5.55	1.94	7.24	6.63	3.27	2.00	7.75	2.04	6.15	6.59	2.87	4.03	56.06
Gordon	3.88	2.08	6.77	7.18	3.64	2.04	6.87	2.32	5.15	6.33	2.62	3.18	52.06
Greensboro	7.42	2.19	3.74	2.64	5.98	2.80	6.68	1.48	1.90	4.64	4.86	2.90	47.23
Greensburg	6.68	2.19	3.63	2.14	3.82	3.11	6.22	2.38	3.66	5.37	3.30	3.39	45.89
Greenville	6.93	2.15	9.08	2.10	3.05	2.80	3.65	2.13	1.33	4.69	3.69	2.15	43.75
Grove City	6.10	2.12	5.96	2.69	3.79	2.26	6.91	4.00	1.32	3.93	3.56	1.26	43.90
Hamburg	3.26	2.07	7.82	9.28	2.89	1.51	2.57	5.64	4.12	6.69	1.43	1.18	48.46
Hanover	2.46	1.57	5.17	3.78	3.97	0.67	3.30	1.69	3.94	5.41	2.24	3.35	37.55
Harrisburg	2.58	1.72	5.03	3.89	2.73	1.07	2.92	4.35	3.51	6.20	1.68	2.74	38.42
Herrs Island Dam	5.75	1.96	4.52	2.61	3.00	0.92	4.97	1.83	2.31	4.24	2.80	2.62	37.53
Huntingdon	3.80	1.14	3.17	2.82	3.72	3.18	3.81	2.05	2.29	5.70	2.91	2.80	37.38
Hyndman	1.51	1.11	2.75	2.38	6.45	1.25	2.69	1.32	2.80	7.30	3.38	2.22	35.16
Indiana	6.42	2.56	4.44	2.52	5.46	2.22	4.52	3.52	3.54	5.87	3.33	2.58	46.98
Irwin	5.87	2.23	3.57	2.42	3.84	2.63	4.78	2.64	2.68	.....	3.50	2.19	.....
Johnstown	8.19	2.21	3.97	2.44	4.89	2.66	3.80	1.91	4.04	8.53	3.86	2.79	49.2
Kennett Square	4.16	1.16	4.89	9.15	4.73	1.55	2.18	3.40	2.33	4.45	2.20	.....	.....
Lancaster	2.86	1.39	5.96	4.76	3.72	2.35	1.88	3.35	8.43	4.67	1.89	3.19	44.45
Lansdale	3.55	2.48	5.25	7.11	4.14	1.74	3.14	4.59	5.55	8.21	2.07	1.11	48.94
Lawrenceville	2.35	0.30	2.95	2.97	3.00	2.00	2.65	2.45	3.60	.....	2.40	1.20	.....
Lebanon	2.70	1.70	6.07	4.45	2.46	0.66	0.82	.....	.....	.....	.....	.....	.....
Le Roy	3.35	1.56	4.96	3.97	3.88	1.16	3.84	1.84	3.31	3.36	2.97	2.93	37.13
Lewisburg	4.00	1.52	4.29	4.25	3.02	2.97	5.90	.....	2.68	4.67	2.23	3.32	.....
Lloyd	6.26	0.94	5.08	4.22	4.32	3.00	4.42	2.41	2.40	5.76	2.41	1.91	43.10
Lock Haven	4.51	1.37	4.87	3.93	3.54	3.83	7.41	1.05	3.21	5.39	2.21	2.90	44.22
Lock No. 4	5.83	1.84	3.22	3.08	4.66	2.09	3.91	1.17	1.79	4.04	2.98	2.38	36.99
Lycippus	7.89	3.03	4.03	3.16	4.89	1.52	5.94	4.21	3.46	5.96	4.42	3.92	53.03
Marion	3.65	2.18	5.44	2.27	4.72	1.35	3.67	2.95	4.15	6.71	2.92	3.25	43.26
Mauch Chunk	4.02	2.10	7.90	7.54	2.85	1.84	4.19	4.51	4.38	6.04	3.20	3.92	52.49
Mifflintown	3.65	1.30	4.66	3.73	3.64	2.15	2.92	2.02	5.16	5.51	3.33	3.03	41.10
Milford	3.13	2.98	6.57	3.92	3.24	1.44	4.83	4.02	2.73	5.61	3.25	3.47	45.19
Montrose	4.84	1.43	4.55	2.94	2.99	2.05	3.35	1.93	3.67	3.93	2.45	1.69	35.82
Mosgrove	6.52	2.00	5.79	2.72	3.25	1.95	4.93	1.54	1.48	5.42	2.65	2.24	40.49
Mountain House	3.18	0.99	4.07	2.79	6.30	1.53	4.23	2.01	2.18	7.13	3.38	2.82	40.61
Mount Gretna	3.46	2.09	6.90	5.72	2.78	0.81	2.09	4.58	3.61	7.47	2.25	4.26	46.02
Muncy Valley	.....	.....	.....	.....	.....	.....	.....	.....	3.86	3.64	2.03	3.36	.....
New Castle (Skidmore)	4.80	2.10	5.10	.....	.....	.....	.....	.....	.....	.....	.....	1.59	.....
New Germantown	4.79	1.91	2.78	1.46	4.79	0.83	1.32	1.90	2.47	6.00	.....	.....	.....
Ottsville	3.15	2.26	5.38	7.84	2.76	2.02	4.19	3.15	4.26	7.15	3.85	3.11	49.12
Parkers Landing	7.36	1.91	7.20	2.10	2.55	2.69	4.51	1.69	1.24	4.76	3.00	2.41	41.42

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Pennsylvania—Continued.													
Philadelphia (a)	2.99	1.90	4.66	6.87	4.63	2.15	4.29	4.61	4.24	5.66	2.85	2.56	47.41
Philadelphia (b)	3.16	2.40	5.12	7.17	4.77	1.88	3.39	6.28	4.68	5.85	3.20	2.96	50.86
Philadelphia (c)	3.16	2.45	5.44	8.08	5.61	1.92	3.29	6.50	5.05	8.49	2.95	.....	.....
Pittsburgh	5.28	2.11	4.37	2.53	3.11	1.04	4.86	2.81	2.86	4.26	2.66	2.60	38.49
Pocono Lake	3.97	1.74	5.99	6.86	3.52	.....	.....	.....	.....	.....	4.20	.....	.....
Point Pleasant	3.34	2.35	5.16	6.20	2.86	1.39	2.78	4.55	6.65	7.72	3.77	2.77	49.54
Pottsville	4.36	1.95	7.91	6.67	3.33	1.78	5.34	3.27	4.71	6.63	3.27	3.60	52.82
Punxsutawney	.....	.....	.....	.....	.....	.....	5.71	1.76	3.57	4.81	3.44	2.75	.....
Reading	3.81	2.07	7.19	5.86	2.85	1.21	2.55	2.79	5.37	6.79	2.20	3.44	45.93
Renovo	4.92	1.23	4.81	4.23	3.31	2.07	6.59	2.18	1.89	6.20	3.15	3.20	43.78
Ridgway	.....	2.06	6.60	2.72	3.83	3.43	6.36	2.06	3.05	4.05	4.15	.....	.....
Sadsburyville	4.03	2.31	5.51	7.96	4.10	1.62	4.98	4.78	2.69	5.38	2.62	2.64	48.62
Saegerstown	7.19	2.15	9.01	3.21	2.33	3.57	5.64	2.03	2.63	5.88	3.59	1.44	48.67
Saltsburg	6.34	2.51	3.69	2.38	3.36	1.71	2.38	1.88	2.84	5.38	3.28	2.71	38.46
Scranton	2.50	1.60	5.00	3.63	2.27	1.34	4.97	2.54	3.87	3.99	2.83	2.16	36.70
Seisholtzville	4.10	1.86	7.68	7.81	2.78	1.18	3.42	3.95	4.82	6.46	2.70	4.49	51.25
Selinsgrove	3.77	1.22	4.85	5.81	3.36	4.07	7.00	1.60	3.41	5.05	2.26	3.05	45.45
Sharon	5.00	1.81	7.02	2.09	2.47	2.46	3.05	3.96	1.36	5.57	2.75	1.30	40.64
Shawmont	3.65	2.20	5.09	7.14	3.74	1.58	2.60	4.60	3.91	6.10	3.18	3.68	47.47
Shippensburg	3.18	2.07	5.41	3.81	4.15	1.00	2.40	2.79	3.34	9.62	1.87	3.65	43.29
Smiths Corners	3.37	2.16	5.51	7.10	2.85	0.95	3.41	4.46	6.30	7.82	3.52	2.85	50.40
Somerset	6.38	2.63	3.62	3.05	5.33	2.86	4.05	1.91	6.15	5.44	4.14	4.11	49.67
Springdale	6.45	2.32	5.24	3.26	5.39	1.49	5.12	1.55	2.18	4.21	2.64	2.89	42.74
Spring Mount	3.03	1.62	5.33	7.45	2.56	1.01	2.13	3.57	2.81	7.33	1.90	2.61	41.38
State College	4.73	1.04	4.15	3.00	4.23	2.83	4.81	1.20	2.29	4.66	3.05	2.88	38.93
Stroudsburg	3.19	2.69	6.25	5.02	2.94	0.95	2.31	10.93	4.57	5.73	3.27	3.29	51.14
Sunbury	.....	.....	.....	4.30	2.93	2.48	5.20	2.04	3.18	4.01	1.55	2.74	.....
Towanda	3.01	1.34	3.80	3.65	3.09	1.96	2.14	2.44	2.80	3.39	2.51	2.35	32.48
Uniontown	7.94	.....	4.59	3.05	5.56	4.14	6.55	3.10	2.99	5.03	6.34	3.63	.....
Vandergrift	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.48	.....
Warren	5.91	2.18	7.25	4.17	3.44	3.07	3.83	3.19	2.54	5.58	3.79	2.02	46.97
Weikert	4.72	2.19	5.08	3.72	4.65	2.01	5.94	1.06	4.42	5.87	2.39	3.10	45.18
Wellsboro	4.56	1.34	4.76	3.22	3.56	.....	.....	.....	.....	6.50	.....	.....	.....
West Chester	4.43	2.13	5.01	8.80	5.87	2.03	2.90	5.31	3.29	5.87	2.74	2.99	51.37
West Newton	5.86	2.16	3.72	3.10	5.82	2.80	6.10	3.80	1.72	4.46	2.95	2.53	45.02
Wilkes-Barre	2.45	1.80	4.44	5.42	3.09	2.78	5.69	1.75	4.70	4.76	2.26	2.16	41.30
Williamsport	4.25	1.41	4.04	4.38	3.54	1.18	4.74	2.99	4.55	4.80	2.28	3.09	41.25
Porto Rico.													
Albonito	3.65	1.05	2.95	2.95	5.15	1.05	2.40	2.47	5.20	3.09	4.05	2.40	36.41
Alto de la Bandera	1.97	.....	.....	7.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anasco	1.70	0.47	3.57	3.50	6.87	10.74	13.44	11.23	12.26	8.56	4.07	1.37	77.78
Arecibo	7.25	0.35	4.65	5.75	11.80	2.95	4.86	7.00	4.26	2.71	7.89	1.38	60.85
Bacupey	4.02	0.76	3.71	11.24	15.64	12.04	7.62	8.71	5.81	8.28	9.14	1.31	88.28
Bayamon	7.70	2.25	6.02	7.61	9.10	8.88	7.60	6.53	8.06	9.81	3.63	2.77	79.96
Cabo Rojo	5.03	0.47	4.80	8.24	9.18	2.86	6.17	9.02	8.36	9.90	2.79	2.21	68.03
Caguas	4.89	0.40	5.57	2.61	7.89	4.20	3.77	4.74	6.48	4.17	5.30	2.53	52.55
Camuy	8.63	0.45	3.74	.....	.....	.....	.....	.....	.....	3.27	6.85	3.39	.....
Canovanas	5.57	1.89	9.63	8.90	7.88	6.78	4.88	6.22	5.71	8.33	5.13	6.22	77.14
Carite Dam	8.29	5.90	9.64	4.42	8.17	6.24	9.81	6.36	11.88	7.62	5.11	2.97	86.41
Cayey	3.59	3.33	4.88	2.70	7.00	1.87	3.42	3.33	5.37	4.65	3.23	1.52	44.89
Central Aguirre	1.69	1.30	2.82	0.70	3.73	2.69	1.48	5.04	8.00	5.03	2.05	0.80	35.33
Cepero	7.99	1.38	.....	6.64	8.89	4.62	5.55	3.78	4.18	10.42	4.28	3.46	.....
Cidra	.....	.....	.....	.....	.....	.....	.....	5.43	6.36	4.89	6.30	1.87	.....
Coloso	0.97	0.76	2.57	3.33	9.13	10.85	17.21	9.70	8.84	6.62	5.45	0.55	75.98
Comerio Falls	4.20	1.34	6.42	6.93	11.33	5.56	3.84	5.09	4.77	6.06	7.02	3.40	65.96
Corozal	5.08	1.33	5.33	9.88	12.69	5.27	3.22	9.74	7.90	2.54	5.30	2.62	70.90
Destino	1.54	0.59	2.33	0.43	3.97	0.94	0.35	4.84	13.33	4.50	1.72	0	34.54
Dorado	9.01	3.51	7.89	4.20	8.26	6.89	5.12	2.66	3.76	11.15	4.68	3.51	70.64
Fajardo	3.78	4.20	4.66	4.26	4.21	3.31	2.57	2.30	5.73	16.43	6.58	2.94	60.97
Guanica Centrale	1.61	0.33	2.11	2.54	1.82	0.40	0.98	3.27	1.72	9.40	1.38	0.58	26.14
Guayama	4.16	1.64	3.52	1.21	3.72	4.03	2.61	5.43	9.35	6.54	2.73	0.71	45.65
Humacao	6.41	3.67	7.09	3.05	4.98	7.88	4.67	8.72	9.36	10.88	8.86	1.03	77.50
Inabon Estate	3.75	4.75	5.50	7.25	14.50	8.50	4.50	10.50	12.25	16.00	5.75	5.75	99.00
Isabela	.....	.....	.....	.....	.....	.....	.....	0.66	3.50	3.41	8.65	1.36	.....
Isidora	0.80	0.40	1.18	0.30	2.75	0.27	0.25	2.81	9.01	3.76	1.32	0.65	23.50
Isolina	5.80	0.82	3.20	9.08	18.13	7.73	2.91	.....	6.43	7.00	9.36	1.40	.....
Jajome Alto	.....	.....	.....	.....	.....	.....	.....	5.37	8.72	7.79	3.79	3.63	.....
Jayuya	2.88	0.63	2.39	5.34	8.00	4.74	7.87	4.41	9.46	11.52	3.80	1.95	62.99
Josefa	3.14	1.04	3.60	0.77	2.59	3.10	1.95	3.60	6.54	4.90	2.62	0.80	34.65
Juana Diaz	1.14	1.06	1.42	2.45	6.31	3.50	2.80	3.37	7.46	4.73	1.66	2.30	38.20
Juncos	6.17	2.71	5.68	.....	.....	.....	.....	7.64	6.57	5.29	.....	3.43	.....
Lares	2.33	0.60	1.90	9.41	15.06	8.73	7.67	8.14	7.48	10.09	7.55	0.80	79.79
Manati	7.45	0.82	6.75	7.57	10.12	2.68	2.67	4.42	7.56	5.85	4.30	2.35	62.54
Maricao	2.30	0.40	1.78	5.40	9.50	12.40	8.52	8.38	10.28	13.74	5.27	3.05	81.02
Maunabo	9.00	2.81	5.91	5.97	6.46	8.04	5.33	7.37	7.28	8.16	7.52	2.19	76.04
Mayaguez	1.13	0.45	5.32	4.15	6.06	10.90	11.98	11.67	8.22	6.30	1.09	5.55	72.82
Naguabo	6.81	3.07	8.10	5.34	8.10	7.42	5.03	6.76	7.72	10.53	11.59	5.97	86.44
Oriente	3.30	3.91	7.17	5.19	6.23	4.54	3.26	5.21	4.89	7.73	8.19	4.17	63.79
Patillas Dam	7.64	1.90	8.31	2.69	5.76	6.12	5.51	7.70	10.75	8.84	3.83	2.92	71.97
Penuelas	2.40	0.73	1.64	4.97	8.28	4.81	3.85	8.00	6.53	12.76	1.34	2.52	57.83
Ponce	0.88	0.65	0.97	2.67	3.69	2.08	0.57	7.34	4.79	6.14	2.24	1.77	33.79
Potala	0.97	0.95	1.42	1.01	4.85	2.05	0.68	4.19	5.78	4.30	1.71	0.62	28.83
Rio Blanco	10.70	3.13	10.95	5.58	9.89	9.06	4.12	10.00	7.23	8.11	11.10	4.75	94.62
Rio Grande (El Verde)	.....	5.01	12.62	6.21	16.33	16.29	8.13	12.10	10.85	19.59	22.72	12.12	.....
Rio Piedras (experiment station)	8.28	2.19	7.27	6.65	10.04	5.70	4.64	4.40	4.59	12.51	3.34	2.74	72.35
Rio Piedras (university)	7.17	1.88	7.67	5.89	9.35	.....	.....	.....	.....	.....	.....	.....	.....
Sabana Grande	2.83	.....	.....	8.08	9.10	.....	.....	.....	.....	10.05	5.65	3.70	.....
San German	4.93	T.	2.20	14.30	7.45	2.00	6.40	4.50	9.90	8.60	6.05	3.90	70.23
San Juan	4.13	2.16	7.18	6.02	7.26	4.80	2.64	5.11	5.91	7.17	3.51	4.06	59.89
San Salvador	2.29	0.43	1.90	6.56	8.65	5.05	6.96	5.66	9.74	12.58	2.87	1.71	64.40
San Sebastian	0.90	0.78	1.55	5.93	16.96	8.20	11.26	12.46	7.64	10.85	5.34	2.11	83.98
Santa Isabel	1.55	0.59	1.33	0.23	2.95	0.80	0.23	5.60	11.81	4.24	2.05	0.28	31.66
Toro Negro Dam	2.54	2.91	5.06	8.97	8.44	4.03	2.18	3.04	13.35	11.80	5.80	2.59	71.71
Vieques	2.21	3.01	3.06	2.64	3.42	1.94	1.82	3.12	6.24	6.36	3.88	2.90	40.60
Yabucoa	6.51	2.17	7.13	2.53	10.81	5.03	7.94	.....	4.12	10.12	.....	2.76	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Rhode Island.													
Block Island	5.25	3.90	2.88	4.91	1.65	0.73	1.23	2.36	3.09	4.06	2.24	3.50	35.80
Bristol	4.18	2.61	3.57	6.71	1.72	1.09	2.69	2.66	2.59	7.75	1.82	3.98	41.37
Kingston	4.70	3.40	4.83	7.49	2.51	1.45	2.94	3.65	3.12	7.29	2.48	5.64	49.50
Narragansett Pier	4.65	4.42	3.89	6.66	2.75	1.27	2.29	3.05	3.08	7.18	2.99	4.52	46.75
Providence	2.90	2.97	4.30	5.32	1.84	1.19	2.29	2.36	2.90	5.45	1.96	3.46	36.94
South Carolina.													
Aiken	0.85	4.40	6.77	1.92	2.45	7.92	3.10	3.40	5.00	1.59	2.03	3.23	42.66
Allendale	0.90	5.77	9.25	1.15	0.91	5.30	2.25	3.74	4.00	3.60	0.80	2.20	39.87
Anderson	4.89	.....	7.84	3.40	1.97	3.33	6.16	3.96	6.20	3.70	1.20	6.80	.....
Batesburg	4.07	6.42	11.33	2.91	1.74	5.71	2.10	3.01	6.82	2.58	2.67	5.96	55.32
Beaufort	5.55	6.99	5.72	1.61	1.75	1.96	9.81	.....	8.87	1.37	2.25	2.26	.....
Blackville	2.24	5.60	8.82	1.24	2.07	4.11	5.34	3.13	3.83	2.77	1.37	2.65	43.17
Blairs	1.60	2.60	5.62	2.70	1.28	3.38	2.38	4.37	4.20	2.32	4.03	6.67	41.25
Bowman	1.77	3.75	12.30	2.06	1.37	3.23	5.25	2.38	3.34	2.62	1.80	2.48	42.35
Broxton	0.10	4.80	10.72	1.72	2.82	6.61	3.61	1.07	1.77	1.62	1.10	1.79	37.73
Calhoun Falls	5.88	3.37	7.88	2.09	2.03	2.59	3.91	5.94	5.99	2.40	1.87	6.03	49.98
Camden	2.59	5.14	7.02	0.74	2.42	5.72	7.40	2.48	4.94	2.18	1.59	4.19	46.41
Catawba	3.28	4.12	8.05	2.35	5.12	7.30	3.60	2.33	5.79	2.88	2.96	5.36	53.14
Chappells	2.90	2.87	7.03	0.96	1.39	5.06	2.16	8.78	5.19	2.00	3.00	5.95	47.29
Charleston	0.99	5.53	3.80	1.40	0.19	2.88	5.51	3.50	7.26	6.65	1.19	2.59	41.49
Cheraw	2.67	3.81	6.20	2.10	1.60	5.30	6.95	7.09	3.22	6.16	1.78	5.39	52.27
Clemson College	5.20	5.96	7.38	3.01	3.56	6.47	4.45	.....	.....	3.25	0.89	5.08	.....
Columbia	1.56	3.51	6.85	0.83	1.00	3.54	5.82	1.46	4.77	1.90	1.95	2.93	36.18
Conway	2.80	4.07	5.85	3.12	2.47	7.47	5.48	4.39	8.15	8.25	0.95	4.13	57.13
Darlington	1.90	3.73	5.34	1.16	2.22	5.66	6.67	3.34	2.08	5.97	1.22	3.50	42.79
Dillon	0.99	4.49	6.90	2.34	4.31	6.58	9.68	2.51	4.73	8.58	1.23	4.10	56.44
Edgefield	.....	.....	.....	.....	.....	.....	.....	2.57	4.14	2.26	1.58	2.63	.....
Edisto	2.53	6.58	10.70	1.91	1.41	4.47	5.19	8.61	4.65	2.43	1.50	2.76	48.64
Effingham	2.85	4.43	10.57	0.60	2.80	9.32	1.15	1.60	1.82	6.25	1.31	3.89	46.59
Ferguson	2.81	3.71	3.96	1.49	1.38	7.60	2.12	5.01	1.96	2.40	1.38	3.11	36.93
Florence	3.53	3.62	5.53	1.55	2.32	6.90	6.10	3.89	3.28	7.28	0.99	3.28	48.27
Gaston Shoals	4.63	3.42	6.31	2.01	2.01	3.04	1.58	3.59	4.62	3.31	1.99	5.55	42.04
Georgetown	0.50	8.85	5.55	0.60	1.15	12.05	5.75	3.00	7.05	4.80	1.15	4.40	54.85
Greenville	5.68	4.98	7.47	2.67	2.74	4.63	6.60	2.56	4.45	3.65	2.58	4.64	52.65
Greenwood	6.33	3.18	8.73	2.49	1.61	5.61	3.84	4.77	5.18	2.93	2.00	5.58	52.25
Heath Springs	2.34	3.67	8.02	3.34	3.36	5.45	7.01	0.76	4.35	2.11	2.58	5.70	48.69
Kingstree	4.05	4.22	7.97	1.94	2.67	10.98	3.64	2.96	5.00	7.28	1.13	3.41	55.25
Liberty	5.08	6.46	6.22	4.04	2.00	6.35	6.19	3.96	6.12	2.84	1.57	5.94	56.77
Little Mountain	1.87	2.39	5.86	0.10	1.16	4.03	5.38	3.85	3.42	2.44	2.40	4.21	37.11
Meriwether	1.59	2.85	9.17	1.04	1.30	3.45	3.24	4.98	4.17	1.11	1.53	3.44	37.87
Monetta	1.81	4.21	9.28	1.85	1.26	4.65	2.32	4.85	5.14	1.88	1.79	3.46	42.50
Newberry	4.50	3.00	7.57	2.07	1.35	4.36	3.83	5.29	4.19	3.03	2.85	6.67	48.71
Pelzer	5.20	5.32	7.72	2.34	2.20	2.16	6.34	2.72	5.94	3.36	1.52	5.88	50.70
Pinopolis	2.91	.....	6.18	1.23	1.92	9.48	3.84	.....	4.39	6.31	1.43	4.10	.....
St. George	2.90	5.45	7.81	2.21	1.82	9.30	2.61	1.62	2.19	2.70	1.40	.....	.....
St. Matthews	2.89	5.66	7.72	1.99	3.15	5.64	4.58	1.90	5.17	3.40	1.70	3.09	46.89
Saluda	2.08	3.53	8.74	1.37	2.10	4.70	2.09	6.18	6.77	2.35	1.74	4.62	46.27
Santuck	5.58	3.97	8.02	2.45	2.16	3.34	4.34	4.26	5.21	2.82	2.66	5.98	50.79
Smiths Mills	2.56	3.83	8.03	2.71	3.77	9.42	9.13	3.57	3.34	7.74	1.50	3.45	59.05
Society Hill	2.84	5.00	5.03	2.24	1.95	5.46	8.25	2.79	2.15	4.51	1.71	5.08	47.07
Spartanburg	4.68	4.07	6.57	1.97	2.64	4.03	6.96	2.21	5.29	3.60	1.10	5.65	48.77
Summerville	3.72	5.13	4.87	1.46	1.30	4.45	1.79	6.21	5.78	5.90	1.85	2.09	45.15
Sumter	.....	.....	.....	.....	1.42	4.73	3.31	.....	.....	.....	.....	.....	.....
Trenton	1.69	3.42	9.91	2.52	1.22	5.69	3.36	5.24	5.47	1.81	1.67	2.99	44.99
Walterboro	2.99	5.32	5.69	1.26	1.62	4.08	.....	.....	.....	.....	.....	.....	.....
Winnsboro	4.67	4.67	7.23	4.87	1.85	5.50	5.75	3.85	3.15	2.90	3.00	5.77	53.21
Winthrop College	4.25	4.05	6.24	3.53	6.65	5.57	5.69	1.80	4.43	2.72	2.68	4.82	52.43
Yemassee	4.20	6.35	4.76	1.50	1.88	4.70	5.20	3.33	3.17	1.96	1.13	2.86	41.04
South Dakota.													
Aberdeen	0.55	0.47	1.48	2.35	4.05	3.90	4.52	2.27	1.15	3.95	0.67	0.03	25.39
Academy	0.11	0.43	1.91	2.64	2.57	3.75	3.92	1.83	1.53	0.47	0.42	0.23	19.81
Alexandria	T.	0.40	0.15	2.07	5.67	3.90	2.44	2.09	1.42	0.98	.....	0.06	.....
Ardmore	.....	.....	.....	.....	.....	.....	1.78	1.19	1.50	1.54	0.15	0.92	.....
Armour	T.	0.55	0.95	2.90	2.60	1.29	3.35	1.85	1.83	0.20	.....	.....	.....
Bellefourche	0.54	0.16	1.19	0.43	2.13	3.05	0.63	0.52	2.57	1.32	0.24	0.24	13.02
Blunt	0.00	0.12	1.10	2.31	4.42	0.37	5.07	2.49	1.07	0.48	0.24	0.60	18.27
Britton	.....	0.19	0.46	0.77	3.12	1.80	2.70	2.61	1.24	2.28	0.13	0.05	.....
Brookings	0.02	0.09	0.45	2.24	3.50	1.96	2.99	1.33	1.55	1.55	0.81	0.09	16.58
Bryant	T.	0.55	0.49	1.81	4.56	3.17	4.01	0.67	0.71	0.63	0.27	0.08	16.95
Camp Crook	2.02	0.08	0.92	0.13	2.63	1.75	0.67	1.46	1.79	1.16	0.12	0.04	12.77
Canton	T.	0.31	.....	6.04	5.62	4.57	3.61	1.16	0.99	1.41	0.96	0.15	.....
Cascade Springs	0.16	0.76	1.29	0.49	2.52	.....	.....	.....	.....	.....	.....	.....	.....
Castlewood	0.01	0.06	0.54	2.11	3.54	1.97	4.48	1.00	1.24	1.29	0.78	0.10	17.12
Centerville	0.09	0.62	0.81	3.96	5.57	5.36	2.26	1.72	0.94	1.25	1.10	0.18	23.86
Chamberlain	.....	.....	.....	.....	.....	.....	.....	.....	0.54	T.	.....	.....	.....
Clark	0.09	0.50	1.40	1.77	4.40	3.62	3.68	1.79	1.86	4.14	0.50	0.16	23.91
Cottonwood	0.18	0.10	0.43	1.15	2.95	0.59	0.81	1.84	1.15	0.76	0.14	0.38	10.48
Custer	0.30	0.60	1.50	0.10	2.93	2.48	2.29	2.02	2.58	1.97	0.10	.....	.....
Daviston	0.22	0.07	0.82	0.35	2.73	3.23	1.30	1.32	2.10	1.20	0.02	0.12	13.48
Deadwood	2.05	0.65	4.10	1.60	3.10	2.45	0.45	3.51	3.53	2.25	0.20	0.32	24.21
Deerfield	0.82	0.16	1.03	0.28	2.35	4.21	1.40	1.06	2.47	2.53	0.33	0.42	16.86
De Smet	T.	0.18	0.68	2.34	4.19	2.14	5.53	0.58	0.82	0.29	0.36	.....	.....
Dowling	0.65	0.43	1.50	1.40	4.80	2.40	1.05	2.65	1.90	1.35	0.30	0.60	19.03
Dumont	3.70	0.72	2.99	1.68	2.36	3.64	0.71	0.48	4.02	2.33	0.15	0.38	23.16
Eagle Butte	0.22	0.19	1.69	1.48	2.86	0.80	1.56	4.82	.....	.....	.....	.....	.....
Eales	0.29	0.18	1.06	1.28	1.99	1.89	1.62	2.92	1.12	1.09	0.23	0.67	14.34
Elk Mountain	0.50	0.56	0.60	0.26	1.89	1.99	2.67	0.60	2.98	1.36	0.52	0.40	14.33
Ellingson	.....	.....	.....	0.27	2.02	4.75	1.84	1.16	1.17	1.08	0.14	0.06	.....
Englewood	1.81	0.88	4.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eureka	0.10	0.03	0.09	0.68	1.97	2.91	2.16	1.53	0.54	1.52	0.08	0.52	12.13
Fairfax	0.36	0.90	1.62	2.47	2.65	1.75	2.20	2.60	1.70	0.35	0.80	0.50	17.90
Faith	.....	.....	.....	0.95	2.38	1.35	1.70	1.58	1.07	1.48	0.68	0.85	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
South Dakota—Continued.													
Faulkton	0.05	0.30	0.77	1.84	5.14	0.89	2.53	1.01	0.38	2.02	0.35	0.35	15.63
Flandreau	0.05	0.25	0.40	1.96	4.47	4.47	4.21	2.48	2.31	.....	.....	.....	.....
Forestburg	T.	0.37	0.64	2.13	5.10	1.62	3.96	1.72	1.02	1.73	0.32	0.16	18.57
Fort Meade	0.95	0.60	3.30	0.40	3.10	2.08	0.25	0.93	0.68	0.32	0.00	0.30	12.91
Frederick	0.07	0.02	0.20	1.26	3.61	3.92	1.87	.....	.....	.....	.....	.....	.....
Gannvalley	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Goldfield	.....	0.27	3.15	0.38	3.98	2.50	2.27	3.94	3.17	1.71	0.26	0.26	.....
Greenmont	2.71	0.79	1.67	1.19	.....	2.70	0.74	4.95	2.62	1.90	0.52	0.36	.....
Greenwood	0.30	0.76	1.65	2.58	3.38	3.58	1.94	2.59	1.94	1.23	0.90	0.22	21.07
Hardingrove	0.25	0.10	3.46	2.59	4.50	0.58	0.86	2.30	1.65	0.86	0.07	0.57	17.79
Hardy Ranger Station	2.16	0.75	1.44	0.81	2.85	4.44	2.14	0.97	2.31	2.60	0.40	0.34	21.21
Harveys Ranch	2.90	0.84	2.53	0.89	2.62	3.67	1.79	1.45	2.75	2.07	0.10	0.20	21.81
Hermosa	0.24	0.27	0.66	0.47	3.73	3.14	1.66	0.89	3.84	1.24	0.14	0.24	16.52
Highmore	0.05	0.30	0.87	1.27	4.56	0.97	1.79	1.20	0.53	0.61	0.03	0.28	12.46
Hopewell	0.10	0.15	1.28	2.20	3.71	0.22	1.43	1.86	1.03	0.84	0.16	0.32	13.30
Hot Springs	.....	.....	.....	.....	.....	2.00	2.29	1.20	2.80	2.60	0.70	0.71	.....
Howard	0.02	0.22	0.49	2.61	4.12	3.09	5.17	4.45	1.48	.....	0.80	0.10	.....
Howell	0.05	0.13	0.87	1.37	3.63	1.66	2.76	1.04	0.51	0.47	0.14	0.08	12.71
Huron	0.03	0.23	1.24	1.81	4.53	1.06	3.82	2.36	0.63	1.98	0.14	0.05	17.87
Ipswich	0.22	0.16	0.24	1.75	3.00	2.78	3.90	1.05	0.90	.....	0.21	0.09	.....
Kadoka	0.11	0.15	0.93	1.28	2.65	.....	0.63	1.82	1.53	0.48	0.31	0.39	.....
Kennebec	0.05	0.52	1.15	2.37	1.90	0.94	2.41	2.06	0.61	0.28	0.25	1.10	13.64
Kimball	T.	0.26	0.38	2.04	3.06	3.09	3.81	1.79	0.53	0.17	0.10	0.05	15.28
La Delle	0.10	0.26	0.96	2.34	5.68	3.95	4.42	2.20	0.71	3.71	0.18	0.28	24.79
Lead	1.53	0.54	2.90	0.90	1.99	2.30	0.61	3.13	3.24	2.22	0.19	0.42	19.97
Lemmon	0.17	0.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.20	.....
Marion	T.	0.49	0.77	5.41	5.00	3.53	2.61	2.82	1.64	2.01	1.10	0.36	25.74
Marston	T.	0.36	1.52	2.61	3.55	0.79	3.02	1.98	1.15	0.39	0.10	0.56	16.03
Meadow	0.30	0.15	1.90	0.39	2.17	3.65	0.92	0.66	0.93	0.88	0.15	0.23	12.43
Mellette	0.09	0.28	0.42	0.86	4.42	1.83	4.31	1.21	0.53	1.11	0.41	0.10	15.57
Menno	0.02	0.85	0.54	3.32	5.03	4.09	2.09	2.47	1.48	2.19	0.90	0.63	23.60
Milbank	0.61	0.68	1.83	2.52	3.97	0.89	3.11	3.41	1.92	1.36	1.17	0.11	21.58
Mitchell	0.06	0.64	1.50	3.30	4.45	1.92	3.12	2.16	0.92	0.52	0.96	T.	19.55
Mobridge	1.35	0.25	0.90	1.11	2.27	3.74	1.12	3.29	0.79	1.63	0.20	0.50	17.15
Murdo	0.30	0.30	2.40	2.25	3.00	2.25	2.55	T.	0.50	T.	T.	1.00	14.55
Oelrichs	0.20	0.50	1.20	0.40	2.40	3.65	1.53	3.05	2.30	1.40	0.10	0.95	17.68
Onaka	0.34	0.33	2.93	2.39	4.05	2.13	3.47	1.60	1.18	2.39	.....	0.71	.....
Onida	T.	0.16	0.85	2.38	3.58	0.55	2.19	1.48	0.90	0.64	0.10	0.50	13.33
Orman	0.56	0.14	1.40	0.43	1.85	3.66	0.75	0.28	2.78	1.89	0.24	0.24	14.22
Ottumwa	0.50	0.45	1.50	1.25	3.86	0.57	1.32	3.50	.....	0.57	0.06	0.67	.....
Parkston	0.27	1.16	1.87	3.25	3.54	2.16	2.32	1.35	1.37	0.74	1.21	0.72	19.96
Pearl Creek	.....	.....	.....	.....	3.70	2.40	5.68	1.27	0.74	2.58	0.25	0.01	.....
Pierre	T.	0.25	0.84	1.17	3.75	0.32	2.12	1.37	0.56	0.53	0.11	0.43	11.45
Pine Ridge	.....	.....	.....	1.51	3.35	1.60	1.97	3.32	1.25	0.46	0.03	1.17	.....
Plankinton	0.05	0.50	1.09	2.35	3.73	1.38	4.45	1.78	1.11	1.10	0.89	0.21	18.64
Pollock	0.31	0.05	0.61	1.07	2.25	2.70	2.06	1.64	0.63	2.79	0.26	0.40	14.77
Rapid City	0.62	0.41	1.37	0.39	3.24	3.50	0.62	1.12	5.07	1.56	0.13	0.29	18.32
Redfield	0.01	0.55	.....	1.23	2.89	1.68	3.45	0.66	0.62	0.39	0.60	0.02	.....
Rochford	0.86	0.25	0.85	0.42	3.02	3.15	1.25	0.61	2.37	1.82	0.22	0.27	15.09
Rosebud	.....	0.90	0.60	.....	3.07	0.43	3.35	2.40	0.95	0.54	0.75	1.26	.....
Roslyn	0.60	0.12	0.32	1.35	3.94	1.28	3.38	1.87	1.47	2.59	0.17	0.32	17.41
Selby	0.27	0.13	1.22	1.44	2.83	2.62	1.32	1.71	.....	.....	.....	.....	.....
Sioux Falls	0.05	1.39	0.64	4.72	5.75	5.14	3.18	1.44	1.30	2.28	0.93	0.14	26.96
Sisseton	0.10	0.14	0.91	1.61	.....	2.45	2.43	.....	.....	.....	.....	.....	.....
Sorum	0.42	T.	3.70	0.04	2.26	6.05	2.48	0.38	2.00	0.87	T.	0.16	18.36
Spearfish	0.66	0.10	1.04	0.27	2.78	2.73	0.48	0.32	3.70	1.79	0.08	0.10	14.05
Stephan	0.03	0.44	0.96	1.45	3.72	1.08	3.34	1.14	0.28	0.06	0.12	0.35	13.87
Tama	0.01	0.05	0.42	.....	2.05	1.80	2.00	1.25	2.15	1.20	0.40	0.25	.....
Timber Lake	0.36	0.15	2.36	1.45	3.09	3.18	0.71	2.41	1.21	1.36	0.48	0.87	17.63
Tyndall	0.04	0.85	2.52	3.47	6.51	2.97	2.17	3.38	1.55	1.43	0.63	0.32	25.84
Vale	0.58	0.03	0.88	0.25	2.57	2.66	0.19	0.18	3.31	2.37	0.14	0.27	13.43
Vermillion	0.10	1.02	1.24	7.70	4.78	2.03	1.32	1.03	0.93	3.14	0.58	0.31	24.18
Waters Ranch	0.91	0.57	2.40	1.05	2.01	1.18	1.01	0.20	4.30	1.68	0.20	0.31	15.82
Watertown	0.10	0.10	0.21	3.04	3.86	4.30	3.77	1.39	2.28	1.13	0.27	0.13	20.58
Wentworth	T.	0.28	0.65	2.09	5.35	2.84	5.36	2.07	3.11	1.31	0.90	0.08	24.04
Wessington Springs	0.03	0.11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
White Lake	.....	.....	0.47	2.87	3.07	.....	2.49	1.81	0.73	1.70	0.45	.....	.....
Winner	0.15	0.39	1.35	2.90	2.45	1.56	2.92	1.28	.....	0.35	0.51	0.74	.....
Wood	0.25	0.47	2.20	2.95	2.78	0.49	3.84	1.90	1.42	0.48	0.37	0.93	18.08
Yankton	0.08	0.99	1.83	4.39	5.87	4.58	2.82	3.03	1.18	1.52	0.80	0.27	27.36
Tennessee.													
Arlington	.....	.....	.....	6.10	2.92	0.89	7.39	2.72	5.94	3.77	.....	.....	.....
Ashwood	8.82	4.80	4.89	1.67	3.35	0.90	2.75	4.44	1.77	2.90	0.91	2.45	39.65
Benton	8.64	5.89	8.11	2.09	4.96	2.89	3.42	1.51	2.82	1.65	0.75	4.98	47.71
Birds Bridge	5.08	3.33	7.26	2.32	6.55	3.98	3.76	1.93	3.90	2.07	1.61	1.87	43.66
Bluff City	4.75	3.60	6.77	3.07	6.56	3.71	2.20	5.13	4.00	1.40	1.93	1.93	45.05
Bolivar	11.36	6.75	7.78	5.08	2.20	1.79	4.41	1.27	3.73	4.28	1.09	3.05	52.79
Brownsville	10.99	5.38	4.42	6.26	4.00	1.27	4.09	3.64	2.51	5.62	1.26	2.27	51.71
Byrdstown	10.45	4.77	5.01	2.28	3.61	1.39	2.93	2.75	1.61	2.33	1.86	1.89	40.88
Carthage	10.02	5.80	9.40	2.13	5.46	4.78	2.58	2.11	1.48	3.17	1.82	2.60	51.35
Cedar Hill	14.63	5.62	9.05	1.32	3.09	2.40	3.02	1.88	1.89	4.07	1.79	2.51	51.27
Celina	10.52	4.84	8.77	2.00	2.46	3.41	1.43	3.75	1.51	3.53	1.43	2.62	46.27
Charleston	7.21	5.85	7.89	2.12	3.33	3.63	2.24	1.57	3.12	1.54	0.57	6.06	45.13
Chattanooga	7.13	5.29	6.74	1.58	4.30	4.13	4.40	2.35	3.74	2.59	2.41	3.43	48.09
Clarksville	14.70	4.78	8.39	2.06	2.09	2.31	2.43	1.53	1.65	3.74	1.81	2.30	47.79
Clinton	10.35	5.06	5.97	2.15	3.82	2.04	3.84	1.68	3.12	1.68	1.43	3.88	45.02
Covington	8.35	2.84	8.61	5.22	1.88	1.15	5.61	1.03	2.95	5.10	1.65	2.10	46.49
Crossville	10.79	3.29	9.40	2.48	5.48	1.33	2.16	3.66	2.73	2.71	1.43	3.61	49.07
Dandridge	6.84	4.06	4.64	3.64	4.78	2.24	0.90	0.72	3.66	2.72	1.12	3.04	38.36
Decatur	9.39	4.59	8.46	1.42	3.29	2.85	4.49	1.19	3.69	2.37	1.22	5.51	48.47
Dickson	13.72	4.02	8.18	2.33	2.49	1.56	3.17	0.55	2.13	2.47	2.05	2.29	44.96
Dover	13.45	5.08	6.99	4.07	3.79	0.36	1.35	1.91	2.65	5.92	1.99	1.77	49.33
Dunlap	12.07	4.66	7.52	1.14	5.77	1.31	4.65	3.82	4.84	.....	.....	3.64	.....

Monthly and annual precipitation (in inches and hundredths) for 1918—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Tennessee—Continued.													
Dyersburg	11.50	4.55	5.62	5.30	3.35	2.60	3.91	1.30	3.00	5.15	1.35	2.55	50.18
Elizabethton	5.35	3.60	7.15	3.25	6.40	2.20	3.68	6.08	3.85	1.54	2.05	1.33	46.48
Erasmus	10.99	5.33	8.62	2.13	5.38	3.18	4.03	5.67	3.61	3.12	1.70	2.70	57.00
Florence	11.81	5.09	7.93	2.45	2.79	2.18	1.87	1.56	2.15	2.30	1.32	2.17	44.02
Franklin	10.87	4.68	8.78	1.91	3.89	1.65	2.70	1.60	2.41	3.47	2.10	3.02	47.08
Halls Hill	11.73	5.21	6.75	2.32	3.76	4.76	3.47	1.73	1.37	2.98	1.56	2.10	47.74
Hohenwald	11.96	6.01	7.67	2.94	1.75	2.92	6.89	2.74	2.42	4.40	1.25	4.34	55.29
Iron City	11.71	5.62	7.73	1.90	3.97	2.89	3.11	5.15	3.53	2.85	0.86	2.68	52.00
Jackson	10.49	4.97	5.89	5.28	3.19	1.73	5.17	3.63	3.65	3.73	1.30	2.31	51.34
Jefferson City	8.14	4.39	5.67	1.94	5.24	4.55	2.37	1.19	3.51	2.87	1.02	3.38	44.27
Johnson City	4.16	3.02	7.05	2.49	5.09	3.47	2.46	5.18	3.57	1.36	2.25	1.97	42.07
Johnsonville	12.41	5.86	8.60	4.17	3.20	1.63	4.03	0.96	2.52	3.61	1.60	2.77	51.96
Kenton	13.36	5.02	5.53	5.37	2.17	3.48	2.16	1.50	2.82	3.48	1.58	1.41	47.88
Kingston	9.34	4.05	6.75	1.35	5.02	3.10	2.54	1.22	4.51	2.04	1.14	4.24	45.90
Knoxville	8.93	4.51	6.43	2.00	4.86	1.56	3.77	1.44	3.34	2.45	1.11	3.59	43.99
Lebanon	9.47	5.33	9.19	3.09	2.91	2.48	3.35	3.79	2.43	2.56	1.79	2.68	48.98
Lewisburg	10.69	5.20	9.44	2.50	4.12	4.77	1.81	4.30	3.21	2.95	1.30	2.79	53.08
Liberty	.....	5.03	6.20	2.56	4.48	4.46	3.89	1.38	0.80	2.02	1.70	2.27	.....
Loudon	8.28	4.45	7.40	2.38	3.56	2.23	1.90	0.79	3.30	1.74	0.96	3.99	40.98
Lynnville	9.48	5.33	8.82	2.19	5.17	3.98	3.81	3.10	5.08	2.77	1.34	2.97	54.04
McGhee	8.07	6.02	6.30	2.45	4.69	1.76	3.78	1.54	4.50	1.96	0.77	4.04	45.88
McMinnville	11.32	4.36	7.11	2.81	3.62	5.99	1.79	0.89	2.75	3.22	1.16	1.90	46.92
Maryville	8.11	4.72	5.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis	7.71	5.23	4.78	5.40	2.97	0.97	5.91	3.09	6.01	3.53	1.64	1.69	48.93
Milan	11.31	5.54	3.86	4.18	1.63	0.63	3.56	2.38	3.22	5.08	0.61	3.09	45.09
Mountain City	3.40	2.51	7.10	2.77	6.18	2.98	3.70	4.71	3.79	1.47	1.64	2.28	42.53
Nashville	12.30	4.71	4.54	1.65	2.66	0.90	4.09	0.85	1.79	2.93	1.84	2.45	40.71
Newport	5.65	4.41	5.91	3.23	6.02	3.56	1.80	2.47	3.32	1.88	1.19	2.11	41.55
New River	10.55	4.14	8.03	2.94	4.54	2.30	2.14	2.26	2.63	2.81	1.54	3.14	47.02
Palmetto	11.07	4.89	8.90	2.93	5.56	4.10	1.78	2.51	2.84	3.00	1.22	2.40	51.20
Perryville	16.24	5.49	8.91	4.25	3.96	1.65	4.76	0.51	4.60	4.40	1.47	2.59	58.83
Pinewood	16.42	.....	.....	2.19	2.67	2.45	4.18	0.98	1.95	.....	2.48	.....	.....
Rogersville	6.33	4.20	5.55	1.97	7.20	2.85	3.04	3.22	3.74	2.81	1.60	3.13	43.04
Rugby	9.57	4.82	6.95	2.83	4.73	2.63	2.44	3.04	2.79	3.12	2.58	3.04	48.54
Savannah	13.30	6.55	10.04	5.32	3.01	3.03	3.54	1.78	6.37	3.46	1.94	3.41	61.75
Sevierville	8.34	4.39	5.90	2.43	6.76	2.56	4.22	1.63	3.41	3.70	1.11	3.21	47.66
Sewanee	9.76	5.98	.....	1.24	.....	2.63	5.16	2.51	3.96	.....	1.13	1.67	.....
Sparta	10.64	2.58	5.27	2.00	3.61	2.38	4.69	1.64	2.35	2.65	1.70	0.55	40.06
Springville	13.76	5.48	6.09	4.38	1.86	1.70	2.98	0.82	4.71	6.45	0.98	2.21	50.82
Tazewell	9.84	4.48	7.18	1.82	6.82	2.51	1.76	0.94	3.14	2.56	1.31	3.69	46.05
Trenton	11.00	4.87	3.79	5.80	1.57	1.70	6.44	1.99	3.70	4.08	0.94	1.35	47.23
Tullahoma	11.32	5.02	7.72	2.74	4.66	1.10	3.63	3.51	5.58	2.63	1.42	2.41	52.04
Union City	16.16	4.43	6.42	4.31	1.49	1.34	3.45	1.38	2.81	5.70	1.70	1.59	50.78
Walling	12.76	4.85	6.83	2.10	3.29	3.47	3.10	3.08	2.30	2.75	1.06	1.47	47.06
Waynesboro	11.15	6.44	8.28	3.37	3.96	2.36	3.37	0.87	2.95	3.73	2.25	3.84	52.57
Wildersville	13.78	5.63	7.29	5.53	2.88	2.02	2.18	1.87	3.77	5.39	0.37	2.86	53.57
Worsham	15.93	5.45	7.24	2.36	2.55	1.69	3.60	4.63	2.17	4.36	2.46	2.79	55.23
Yukon	9.30	5.73	7.12	1.74	3.34	2.94	1.71	1.94	4.32	2.57	1.44	2.97	45.12
Texas.													
Abilene	0.25	0.46	1.27	1.57	4.73	1.99	0.72	0.53	4.42	3.88	5.82	2.07	27.81
Albany	0.50	0.40	1.45	1.11	4.41	3.78	0.70	0.35	4.56	3.27	6.77	2.64	29.94
Alice	1.10	1.85	0.79	0.27	0.34	8.65	0.60	1.32	8.07	0.45	1.15	1.15	25.74
Alpine	0.00	0.41	0.20	0.95	0.30	3.12	1.80	1.99	3.35	2.75	0.30	0.30	15.47
Alvin	6.88	3.01	3.73	3.64	4.16	1.91	2.16	1.98	3.67	11.47	2.80	3.01	48.42
Amarillo	0.11	0.55	0.59	1.76	1.41	2.32	1.80	0.61	4.19	0.81	1.98	2.84	18.97
Anahuac	3.53	3.48	2.39	4.51	3.57	1.69	1.19	3.88	18.48	9.15	1.39	2.54	55.80
Angleton	.....	.....	.....	.....	.....	.....	1.57	8.60	10.71	17.77	4.58	5.17	.....
Antelope	1.49	0.81	1.83	2.55	2.57	3.55	0.17	0.20	3.50	4.61	5.30	3.03	29.67
Archer City	0.69	0.73	0.98	2.46	4.05	3.22	0.67	0.35	4.06	2.76	7.05	3.79	30.81
Arthur City	1.50	0.70	1.55	2.40	9.41	3.94	5.18	0.58	14.14	.....	2.12	7.32	.....
Aspermont	0.13	0.60	1.58	2.18	1.57	5.41	1.45	0.70	2.90	4.77	4.02	2.82	28.13
Austin	1.26	3.25	0.93	1.41	2.98	1.83	0.01	2.03	5.68	8.92	4.56	16.14	49.00
Ballinger	1.01	1.02	0.86	1.65	4.01	2.03	0.43	1.52	3.70	2.28	8.75	2.90	30.16
Barstow	0.00	0.02	0.75	1.22	0.00	1.46	0.20	0.59	4.70	3.10	0.85	0.55	13.44
Bay City	1.71	3.23	1.66	0.52	1.70	1.34	2.53	5.66	11.82	9.39	7.20	.....	.....
Beaumont	6.64	4.72	1.78	4.05	4.31	3.64	1.71	8.93	16.33	5.21	5.17	3.59	66.08
Beeville	0.58	1.55	1.05	0.14	0.35	5.28	0.12	1.77	13.06	2.84	3.97	2.06	32.77
Big Spring	0.29	0.53	1.41	1.44	1.08	3.28	0.97	0.04	2.72	3.22	1.89	2.62	19.49
Blanco	1.45	2.53	1.27	1.46	3.82	7.17	0.06	1.78	7.62	11.27	4.92	7.76	51.11
Boerne	1.21	1.80	0.90	1.94	3.85	6.05	0.33	0.53	5.64	16.37	8.03	5.82	52.47
Bonham	4.85	1.62	2.38	1.13	4.74	4.01	6.82	T.	10.37	3.63	3.42	6.00	48.97
Booth	2.23	3.27	3.64	3.21	1.65	3.02	0.25	1.03	7.47	8.80	4.34	4.30	43.21
Bowie	1.48	1.35	2.32	1.56	3.34	2.68	0.85	0.14	4.71	2.90	6.64	4.53	32.50
Brady	1.45	0.10	.....	1.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazoria	2.94	3.31	2.12	1.03	1.31	3.35	0.06	5.19	8.69	8.69	6.93	.....	.....
Brazos	1.05	0.91	1.53	1.91	5.25	3.16	1.35	0.46	4.43	3.70	7.25	3.95	34.95
Brenham	1.92	4.18	5.34	3.30	2.80	2.76	1.05	2.93	4.00	7.13	2.50	8.08	52.99
Bridgeport	1.55	0.87	1.75	1.45	3.72	2.64	1.25	0.06	3.90	5.48	6.31	3.56	32.54
Brighton	1.93	2.75	2.31	0.60	2.32	5.10	T.	0.00	13.57	0.00	1.29	2.01	31.88
Brownsville	2.05	1.00	1.86	0.38	1.12	4.96	0.28	1.04	14.38	1.76	0.64	1.17	30.64
Brownwood	1.46	0.43	0.45	1.89	2.44	4.01	0.80	0.60	2.02	3.66	9.83	3.60	31.99
Bryan	.....	.....	.....	.....	.....	.....	.....	.....	5.91	5.59	4.59	.....	.....
Buena Vista	0.00	0.38	0.09	1.65	0.95	0.91	0.25	1.38	4.85	0.64	1.36	0.43	12.89
Cameron	2.66	3.91	.....	1.51	.....	.....	.....	.....	3.68	5.28	4.73	12.05	.....
Canadian	0.15	0.97	0.83	1.78	2.82	3.25	0.97	1.72	3.58	0.84	1.97	1.44	20.32
Carmona	3.29	5.92	8.06	4.55	3.03	2.46	1.81	0.90	9.33	4.58	2.23	6.34	52.50
Carrizo Springs	1.43	1.75	1.70	1.15	0.45	3.53	0.45	T.	4.20	4.10	1.70	2.00	22.46
Childress	0.03	1.30	2.03	2.25	1.59	4.89	0.26	0.00	8.76	1.15	3.35	3.60	29.21
Chillicothe	0.53	1.90	1.12	1.81	1.11	1.84	1.28	0.12	3.84	4.51	2.83	5.80	26.09
Clarendon	0.00	0.70	0.85	1.38	1.48	5.81	2.16	0.09	3.06	0.88	2.38	2.25	21.14
Clarksville	6.45	3.05	2.47	3.66	4.97	2.05	0.00	0.35	10.53	2.55	1.30	7.87	45.25
Claude	0.06	0.90	0.14	.....	2.10	T.	T.	0.25	4.95	.....	3.20	2.03	.....
Claytonville	0.15	0.67	2.28	3.71	2.58	2.34	2.34	0.13	3.28	2.47	3.15	3.35	26.45
Cleburne	.....	.....	.....	.....	.....	.....	.....	0.42	6.72	3.79	5.06	7.13	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Texas—Continued.													
Clifton	2.36	1.95	0.74	3.93	4.25	3.36	1.81	3.14	8.10	5.51	7.59	11.26	54.00
Coleman	1.35	2.25	0.37	1.16	5.10	4.85	T.	2.43	2.11	2.93	10.10	2.80	35.45
College Station	2.98	3.63	3.23	2.98	2.44	1.53	0.06	0.88	3.15	4.43	4.74	12.66	42.71
Colorado	0.77	.....	2.07	1.75	1.30	2.14	2.69	0.19	4.00	2.60	2.75	4.57	.....
Columbus	1.73	4.47	2.46	2.09	1.46	2.06	1.90	2.26	11.55	7.05	6.84	6.05	49.92
Comanche	.....	.....	0.33	2.21	4.25	4.48	1.02	0.67	1.04	5.47	10.19	3.48	.....
Corpus Christi	0.92	2.23	2.01	1.26	0.76	3.95	1.18	0.60	9.17	0.43	2.32	1.34	26.17
Corsicana	2.30	1.95	1.18	3.08	2.86	1.40	2.37	0.23	5.98	2.88	2.92	11.15	38.30
Cotulla	0.30	1.30	0.50	0.20	2.30	4.70	0.00	1.20	6.30	4.80	3.10	2.80	27.50
Crockett	3.40	3.48	3.74	2.52	4.23	1.89	0.31	1.80	8.56	5.21	2.40	8.69	46.23
Cuero	1.16	3.81	3.27	2.44	0.31	2.45	1.08	1.42	9.94	3.86	6.65	3.99	40.38
Dalhart	0.06	0.16	0.10	0.88	2.35	1.29	0.84	1.41	1.54	0.10	1.78	3.18	13.69
Dallas	3.37	1.89	1.16	3.17	1.85	2.24	2.48	0.72	7.16	3.40	3.75	6.62	37.81
Danevang	1.40	2.70	2.20	1.90	0.20	0.83	1.46	2.55	9.70	.....	4.70	7.75	.....
Del Rio	0.45	0.50	0.20	0.51	0.64	5.44	1.52	0.89	1.59	3.78	4.54	1.72	21.78
Denison	3.50	1.93	1.38	0.50	4.52	2.10	10.31	0.86	5.27	4.67	4.58	5.45	45.07
Denton	.....	.....	.....	.....	.....	1.70	2.55	T.	4.58	2.38	5.81	4.33	.....
Devine	1.02	2.10	2.22	1.08	1.73	7.05	0.25	0.27	3.57	5.70	5.23	4.12	34.36
Dialville	3.12	4.21	4.05	3.83	2.16	3.36	1.05	2.67	11.76	6.22	1.30	10.51	54.24
Dilley	0.30	1.50	0.80	1.75	0.00	4.90	0.50	0.00	7.60	0.00	2.00	3.65	23.00
Dublin	2.12	1.08	0.61	2.75	3.41	4.05	0.35	1.17	1.68	3.28	8.65	3.61	32.76
Duval	2.65	2.83	0.81	1.47	2.98	0.94	0.09	2.15	5.58	7.35	6.17	13.09	45.51
Eagle Pass	0.34	0.54	0.29	0.60	3.43	13.06	0.11	1.82	1.70	4.33	3.58	0.63	30.43
Eastland	0.50	0.12	0.50	2.10	3.65	5.66	T.	0.72	2.70	2.20	7.67	2.40	28.22
Edna	1.83	2.75	2.69	1.60	1.67	2.79	1.31	1.44	10.66	4.46	5.13	2.52	38.85
El Paso	0.49	1.26	0.29	0.14	T.	0.91	1.13	0.54	0.60	T.	0.97	0.76	7.09
Encinal	1.15	1.69	1.50	0.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairland	.....	.....	.....	.....	.....	.....	0.43	2.79	5.03	6.68	.....	.....	.....
Falfurrias	1.01	1.32	1.54	1.54	1.15	4.81	1.10	1.16	6.17	0.54	1.70	0.99	23.03
Finley	4.30	3.68	3.00	3.25	3.15	0.40	1.70	0.00	8.46	4.43	0.80	4.21	37.38
Flatonia	1.08	4.25	2.62	1.45	1.39	2.01	0.25	3.35	5.61	8.00	5.56	4.81	40.38
Flint	4.29	3.73	3.36	3.75	2.16	1.45	1.12	0.10	13.41	4.90	1.43	8.69	48.39
Fort Clark	0.40	2.10	0.40	1.00	2.60	3.60	1.50	1.70	2.20	3.80	4.80	2.70	26.80
Fort Davis	T.	0.42	0.20	1.37	0.41	3.61	1.30	3.43	4.25	2.23	0.97	0.63	18.82
Fort McIntosh	0.47	1.18	0.97	0.06	2.16	7.76	0.00	1.32	5.93	5.68	1.28	0.82	27.63
Fort Stockton	T.	0.75	0.20	1.10	0.73	2.90	T.	0.50	4.39	1.26	0.93	0.35	13.11
Fort Worth	2.30	0.87	1.04	2.47	2.74	3.03	4.36	T.	7.29	2.28	5.90	5.42	37.70
Fowlerton	.....	.....	.....	.....	.....	7.83	0.08	0.69	3.78	2.10	5.80	2.10	.....
Fredericksburg	1.86	1.27	1.49	2.87	2.96	4.51	0.15	1.17	3.06	6.71	5.16	7.27	38.48
Gail	T.	0.45	1.75	2.45	0.00	6.65	1.65	0.50	3.30	4.72	3.35	1.60	26.42
Gainesville	1.89	0.53	2.29	1.40	4.29	2.47	3.27	0.00	5.28	3.87	8.54	5.12	38.95
Galveston	2.92	3.27	1.43	2.46	3.87	2.51	1.48	3.88	18.68	15.37	2.49	2.11	60.47
Garden City	0.12	0.77	0.47	0.92	1.36	4.71	0.26	0.68	3.38	2.82	2.93	2.72	21.14
Gatesville	2.65	1.95	0.37	3.65	3.40	2.15	0.30	0.62	5.42	4.73	7.58	9.10	41.92
Georgetown	1.72	1.96	1.49	1.45	3.92	1.07	0.09	0.70	4.78	10.76	6.08	14.87	48.80
Goliad	0.51	1.88	2.43	0.36	0.25	4.21	0.36	1.05	12.16	3.33	5.66	2.01	34.21
Gonzales	1.04	4.02	2.66	3.08	4.61	2.67	0.66	2.14	6.41	8.24	5.08	5.30	45.91
Goree	0.18	0.45	1.44	2.09	3.18	4.18	2.07	T.	3.66	6.13	4.00	4.18	31.56
Gorham	1.85	1.98	1.25	3.41	2.34	2.62	T.	3.24	8.73	2.27	6.21	12.77	46.67
Graham	1.65	.....	.....	2.65	5.03	3.49	0.37	0.42	2.63	1.91	5.98	2.78	.....
Grand Falls	0.00	0.40	0.90	2.00	0.08	1.54	T.	T.	4.33	1.37	1.50	T.	12.12
Grand Saline	3.62	3.19	1.66	2.55	2.49	1.53	3.15	0.25	8.20	2.60	1.28	5.78	36.30
Grapevine	2.83	1.34	2.30	1.29	3.61	2.13	4.66	T.	8.08	2.70	6.27	7.17	42.38
Greenville	3.55	2.24	1.90	3.85	3.25	3.05	10.95	T.	8.15	4.10	2.60	5.53	49.17
Hallettsville	0.88	4.31	2.83	2.82	0.57	0.87	0.70	3.51	8.40	7.87	5.26	4.35	42.37
Hamlin	0.05	0.25	1.40	2.89	2.53	1.69	3.35	0.00	2.35	2.90	5.42	2.85	25.68
Harlingen	1.53	1.21	1.72	0.72	2.14	5.41	0.61	0.56	8.43	2.06	0.18	1.34	25.91
Harper	.....	.....	.....	.....	6.05	8.16	0.24	0.90	6.76	3.88	6.01	.....	.....
Haskell	0.32	0.52	1.41	2.30	2.94	1.54	1.78	0.11	3.05	6.57	4.41	2.95	27.90
Hebbronville	0.67	1.26	0.99	0.64	2.86	8.58	0.00	0.00	11.41	0.00	0.90	1.14	28.45
Hempstead	1.80	4.75	3.25	3.05	3.50	2.50	0.40	0.00	7.16	9.36	4.03	5.57	45.37
Henderson	3.13	4.49	6.81	3.62	2.14	3.21	1.07	0.14	11.89	5.52	1.33	7.71	51.06
Henrietta	0.87	0.47	1.95	2.68	3.65	2.64	0.60	0.79	4.13	3.02	5.39	4.77	30.96
Hewitt	2.10	2.25	0.34	1.70	1.28	2.00	1.02	1.42	8.40	3.54	5.43	13.37	42.85
Hico	1.59	1.52	1.21	2.49	3.84	1.86	1.44	1.57	3.16	1.79	8.98	7.81	37.26
Hillsboro	3.14	2.48	0.55	3.98	2.39	1.42	0.37	0.30	13.25	2.49	3.03	11.89	45.29
Hondo	0.63	3.15	1.14	0.95	4.56	3.52	0.08	0.58	2.61	6.48	4.99	5.54	34.23
Houston	3.34	3.16	3.31	4.49	3.56	2.63	1.37	0.88	13.37	9.86	2.31	6.22	54.50
Huntsville	1.90	4.99	3.37	3.34	2.90	2.00	T.	1.01	7.16	7.81	2.44	9.88	46.80
Jayton	0.00	1.10	1.80	2.30	0.70	3.95	1.03	.....	2.20	3.60	2.70	3.50	.....
Jefferson	.....	4.59	5.32	3.35	3.21	0.60	2.40	1.30	11.26	2.91	1.30	6.15	.....
Jewett	3.33	3.42	2.80	1.65	2.55	2.30	T.	1.00	7.08	3.10	2.75	11.10	41.08
Junction	0.76	1.20	0.75	2.15	2.85	5.15	2.00	2.50	5.37	8.93	7.75	4.08	43.49
Kaufman	2.87	2.67	0.89	2.40	1.42	1.11	3.65	0.70	6.82	2.72	1.71	13.25	40.21
Kerrville	1.40	1.37	0.72	2.56	5.15	5.34	0.44	1.33	2.05	6.45	6.27	5.40	38.48
Knickerbocker	0.73	0.49	0.55	2.23	3.96	3.72	0.90	1.70	0.73	3.87	4.56	2.62	26.06
Kopperl	2.09	3.86	0.46	2.06	1.40	3.59	2.10	2.20	5.46	4.30	6.70	8.68	42.90
La Grange	1.32	2.92	3.14	1.52	1.84	1.86	2.01	2.50	6.28	7.54	4.43	8.26	43.62
Lamesa	0.00	0.15	1.13	1.11	0.30	10.30	1.11	1.24	4.80	6.02	3.04	0.70	29.90
Lampasas	2.09	2.14	0.59	2.05	3.08	2.76	0.29	1.34	6.55	4.40	0.71	11.30	43.30
La Parra	1.19	2.70	2.65	1.20	3.20	6.27	0.65	0.00	6.05	0.25	1.25	2.05	27.46
Laredo	0.55	1.09	0.25	0.01	2.29	5.18	0.60	1.48	.....	.....	1.10	0.84	.....
Laureles Ranch	.....	0.94	2.33	2.90	.....	.....	0.12	0.00	10.47	0.00	0.52	0.51	.....
Liberty	5.67	4.42	2.28	5.44	3.43	2.39	0.65	4.85	8.49	9.13	4.28	5.13	56.16
Llano	1.42	0.87	0.88	2.26	3.39	5.05	0.03	2.16	1.07	4.90	6.03	5.41	33.47
Llano Grande	1.30	0.85	1.15	T.	2.87	4.52	2.65	0.20	4.39	2.08	0.89	1.79	22.69
Long Lake	2.98	4.71	3.10	2.05	2.00	2.79	0.40	1.50	7.60	4.60	2.05	10.80	44.58
Longview	2.83	4.16	4.93	4.56	2.75	2.89	3.32	0.22	11.96	8.36	1.19	7.53	54.70
Lubbock	0.04	0.20	1.18	1.82	0.24	5.88	0.40	0.32	4.19	1.53	1.54	2.12	19.46
Lufkin	3.47	5.02	5.41	2.75	1.03	2.90	1.83	1.05	12.00	1.42	1.86	6.70	45.44
Luling	0.98	4.49	2.29	1.99	1.80	2.67	0.04	3.70	6.57	10.12	5.94	7.10	47.49
Lyford	.....	.....	.....	.....	.....	4.13	.....	.....	.....	2.24	0.87	2.14	.....
McGregor	3.15	2.24	0.50	2.00	2.50	1.80	0.00	4.95	6.63	3.35	5.80	13.11	46.03
McKinney	3.31	1.51	1.78	2.09	4.02	3.00	6.16	0.59	6.54	2.61	4.77	6.09	42.47
Marathon	T.	1.60	0.10	1.63	0.80	4.00	3.88	2.30	4.30	1.85	0.42	0.25	21.13
Marble Falls	2.18	1.88	0.85	1.65	3.47	7.20	T.	1.47	8.48	6.18	4.50	11.46	49.32

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Texas—Continued.													
Marfa	0.00	0.65	0.15	0.56	0.00	3.90	0.00	0.80	4.20	0.90	0.15	0.45	11.76
Marshall	3.51	5.12	5.27	5.12	2.29	2.03	2.78	0.75	13.63	5.67	1.12	6.23	53.52
Matagorda	3.05	3.98	2.34	1.72	0.75	2.78	0.00	3.11	17.52	7.38	4.12	3.59	50.34
Memphis	0.10	0.45	2.30	3.25	2.13	4.12							
Mexia	2.52	4.65	1.27	1.92	1.33	1.51	0.46	1.28	4.87	5.55	2.99	11.08	38.83
Miami	0.32	0.99	0.44	2.00	1.69	3.94	2.30	1.06	3.20	0.60	3.35	2.17	22.06
Midland	T.	0.23	1.00	2.07	0.27	3.81	1.27	1.32	4.68	2.60	4.49	.....	.....
Mission	1.15	0.81	0.60	0.75				0.75					
Montell	0.39	0.89	0.31	2.11	2.15	22.93	2.60	4.26	2.30	5.04	7.32	3.36	53.66
Mont Belvieu	6.65	4.06	2.77	4.19	4.21	2.01	2.08	3.30	9.75	7.73	2.19	4.40	53.34
Mont Blanco	0.05	0.30	1.75	1.00	5.99	8.79	1.05	0.00	3.66	2.37	4.16	1.35	30.47
Nacogdoches	4.04	3.98	4.63	4.42	5.01	1.61	0.81	0.68	11.87	3.81	2.75	6.44	50.05
New Braunfels	1.05	2.36	1.48	0.95	3.11	5.64	1.40	2.25	4.66	12.78	6.60	8.12	50.40
Ochiltree	0.20	0.80	0.30	1.37	2.44	1.97	1.22	0.17	2.90	0.36	2.35	1.86	15.94
Paducah						3.14	0.87	0.59	3.65	1.78	3.10	3.30	.....
Palestine	3.45	3.57	2.69	3.30	2.83	1.51	0.71	0.23	6.64	4.09	1.23	10.88	41.13
Panhandle			0.30	2.52	2.90	1.05	1.75	T.	5.33	0.60	1.70	3.20	.....
Panter	1.98	1.16	0.65	2.89	3.48	3.45	0.13	0.83	3.65	3.30	7.63	4.62	33.77
Paris	6.02	2.64	3.03	3.22	6.60	1.62	4.44	0.34	10.72	2.82	3.00	6.81	51.26
Pearsall	0.53	1.09	1.21	1.02	0.79	7.81	0.27	1.46	3.50	3.64	4.96	3.77	30.05
Pecos											0.47	0.55	.....
Pierce	1.53	3.66	1.89	1.04	0.27	1.10	1.52	2.32	7.87	7.43	7.23	4.06	39.92
Plainview	0.16	0.40	0.52	1.67	0.50	4.39	2.89	2.03	3.33	1.24	.....	1.76	.....
Plemons	0.71	0.63	0.42	1.02	1.87	1.79	1.83	0.34	4.29	0.37	2.22	2.79	18.28
Port Arthur					4.35				22.59				
Port Lavaca	0.83	4.56	1.73	0.79	T.	2.51	0.74	1.68	16.51				
Post	0.03	0.59	1.11	1.66	0.18	8.22	1.72	0.54	3.48	1.92	2.59	1.66	23.70
Putnam	0.60	0.74	0.40	2.20	3.20	3.73	0.00	0.00	4.65	3.77	7.25	3.72	30.26
Quanah	0.30	0.56	0.57	1.70	1.00	1.24	0.81	0.00	5.08	3.13	3.41	3.77	21.57
Raymondville	1.98	1.52	1.24	1.49	3.93	6.52	3.90	2.13	5.33	2.12	2.01	2.52	34.69
Ricardo			2.00	0.38	1.15	9.47	0.15	0.42	7.63	0.45	1.33	0.90	.....
Ringo Crossing	5.46	3.48	1.26	2.51	3.40	3.75	4.86	0.25	7.16	2.72	1.28	6.82	42.95
Rio Grande City	1.20	1.00	1.10	0.30	2.50	2.90	0.50	0.20	4.60	0.00	1.60	1.50	17.40
Riverside	2.75	5.25	5.45	3.20	4.38	0.50	1.45	1.53	7.88	5.12	2.00	9.82	49.33
Rockland	2.60	6.60	5.54	6.36	3.60	3.20	0.70	0.40	16.90	2.20	2.78	4.56	55.44
Rockport	1.33	2.70	2.40	0.50	0.30	6.65	0.28	2.16	17.41	1.07	1.76	1.49	38.05
Romero	0.45	0.76	0.45	2.88	0.67	2.33	0.10	0.75	1.53	0.80	1.87	2.42	15.01
Rossville	0.61	1.70	1.29	0.51	4.31	8.25	0.83	0.84	7.38	9.94	5.50	4.89	46.05
Runge	0.86	2.81	1.56	0.34	0.16	3.10	0.00	1.41	10.93	2.34	3.96	3.26	30.73
Sabinal	0.59	1.39	0.39	0.54	3.60	5.07	0.86	2.14	1.79	9.54	4.29	4.31	34.41
Salado	2.09	2.33	0.84	1.62	1.60	2.56	0.92	0.72	4.49	6.06	5.45	12.12	40.80
San Angelo	0.44	0.80	0.30	1.65	5.67	4.60	0.60	1.75	1.57	3.19	7.02	1.95	29.54
San Antonio	0.90	1.91	1.36	1.32	2.88	2.90	0.03	1.29	7.21	8.86	4.55	4.47	37.68
San Antonio (near)?	1.01	1.95	2.74	1.32	2.23	3.89	0.65	1.21	7.21	.....	3.54	4.28	.....
San Augustine	4.72	4.28	7.05	6.81	2.30	3.03	2.65	3.42	14.14	2.75	2.66	4.61	58.42
San Juanito	1.69	1.14	2.17	1.10	3.64	5.90	0.14	0.34	6.01	1.46	1.66	2.38	27.63
San Marcos	0.47	2.53	1.43	1.61	2.02	2.13	0.00	1.60	2.40	15.54	4.91	17.10	51.74
San Saba	1.14	1.49	1.20	2.11	2.21	2.86	0.22	1.75	2.07	5.64	8.42	3.58	32.69
Santa Anna			0.20	1.40	4.00	5.63	0.00	1.40	2.81				
Santa Gertrudes	2.05	1.16	1.12	0.48	0.00	8.14	0.61	0.00	6.74	0.55	0.09	1.10	22.64
Sealy	1.23	3.74	3.14	2.12	1.84	2.32	0.59	1.76	7.60	8.44	3.67	4.84	41.29
Seymour	0.44	0.65	1.87	2.19	.....	3.93	0.38	0.00	4.63	2.20	3.81	2.91	.....
Sherman	3.35	1.63	3.06	0.67	4.06	1.20	7.82	0.50	6.63	1.80	3.91	5.72	40.35
Snyder	0.25	0.58	1.57	2.48	1.52	2.44	2.58	0.24	2.44	3.45	3.79	3.05	24.39
Somerville	2.70	4.33	3.30	2.75	2.40	2.25	T.	T.	5.40	4.40	11.85	15.95	55.33
Sonora	0.78	.....	1.07	.....	.....	.....	1.83	1.61	1.42	1.63	7.98	1.00	.....
Spur	0.04	0.41	1.23	0.77	0.44	4.35	0.70	0.07	6.14	2.93	3.40	2.25	22.73
Stamford	0.17	0.91	1.79	2.57	4.89	1.02	1.55	0.16	3.72	6.25	5.88	3.36	32.37
Stratford	0.40	0.85	0.15	0.91	1.50	1.48	1.60	1.14	2.78	0.40	1.70	2.37	15.28
Sugarland	2.29	3.22	2.93	2.18	1.57	2.55	1.05	0.76	6.74	8.36	2.03	6.99	40.67
Sutherland Springs	0.40	2.20	2.60	0.50	1.70	2.30	0.00	2.46	4.22	7.50	3.47	6.72	34.07
Tahoka			1.02	1.86	1.23	10.93	0.53	0.23	4.01	9.85	2.07	1.02	.....
Taylor	1.62	3.82	0.80	1.25	4.94	1.49	0.01	2.08	3.88	6.27	5.65	11.74	43.55
Teague										3.91	3.06	13.32	.....
Temple	2.09	2.58	1.02	1.80	1.95	1.78	0.50	0.81	6.55	6.72	6.33	11.16	43.29
Theodore	0.00	0.30	0.37	0.70	0.20	1.78	1.55	0.60	1.70	.....	.....	.....	.....
Thurber	0.89	0.68	0.75	1.46	5.24	2.15	0.36	0.16	3.50	3.98	7.93	.....	.....
Tivoli	1.18	2.76	1.61	0.54	0.50	3.89	0.20	3.50	19.01	3.12	3.92	1.60	41.83
Troup							2.13	0.69	10.19	4.11	1.19	7.86	.....
Tulia	0.40	0.91	0.64	2.82	0.84	4.18	3.85	1.95	6.53	1.16	2.15	4.12	29.55
Uvalde	0.35	0.77	0.48	1.26	2.30	12.78	0.85	2.08	4.80	6.42	5.95	2.73	40.75
Valley Junction	2.65	3.28	2.64	2.35	2.65	1.98	0.00	1.67	4.40	4.33	4.05	.....	.....
Victoria	0.35	1.78	2.79	2.47	0.11	3.23	0.30	3.60	16.48	2.56	4.30	2.65	40.82
Waco	1.78	2.47	0.78	3.40	1.20	1.16	0.15	4.07	11.17	3.52	5.32	11.76	46.78
Waxahachie	2.52	1.80	0.59	3.73	3.63	3.29	2.33	T.	5.64	2.56	2.70	9.05	37.84
Weatherford	1.78	1.08	1.89	2.19	4.96	3.67	1.63	0.33	3.29	2.23	6.64	4.20	33.89
Wellington	0.10	1.42	1.40	2.52	1.62	4.32	0.42	0.80	7.01	1.36	2.65	1.95	25.57
Wichita Falls	1.00	0.80	1.10	3.45	3.20	2.70	1.80	0.00	5.65	2.20	7.20	.....	.....
Wills Point	1.49	3.55	1.68	2.15	2.96	1.65	3.15	T.	6.14	6.13	1.28	6.44	36.62
Winfield	4.69	3.33	2.25	3.02	5.82	4.21	2.71	0.58	12.66	6.02	0.91	6.08	52.28
Winters	0.95	0.90	0.51	1.68	4.39	2.12	2.37	1.16	6.12	1.93	7.30	1.81	31.24
Utah.													
Alpine	0.80	2.00	1.10	1.50	0.45	1.71	0.45	0.25	0.95	1.64	1.53	1.60	13.98
Aneth	0.25	1.12	0.68	0.10	0.20	0.00	1.02	.....	.....	.....	.....	.....	.....
Beaver	0.10	0.95	0.41	0.36	.....	1.30	1.55	2.79	2.52	T.	2.29	1.90	.....
Black Rock	0.10	0.34	0.36	0.80	0.28	0.55	0.13	1.08	0.80	0.72	0.91	0.10	6.17
Bluff	0.43	0.91	0.58	0.10	0.00	0.00	0.61	0.04	0.00	0.00	0.09	0.87	3.63
Brigham City				1.80	1.87	3.02	0.30	0.30	1.72	1.22	2.11	2.80	.....
Burrville	0.12	2.20	0.67	0.20	0.02	2.34	1.96	2.06	1.28	0.00	1.37	1.17	13.39
Canaan	0.80	2.63	0.27	0.60	0.10	0.30	1.49	1.27	2.96	0.11	2.75	1.04	14.32
Castle Dale	0.40	1.24	0.00	0.25	0.05	0.35	1.08	0.75	1.75	0.43	1.43	2.55	10.28
Castle Rock	1.24	1.14	1.18	1.16	0.43	3.21	1.61	1.11	2.34	1.80	1.45	0.90	17.57
Cedar City	0.53	0.86	0.84	0.69	0.17	0.70	1.13	1.58	0.81	0.02	1.88	0.89	10.10
Center	0.75	1.95	1.30	0.74	0.24	1.49	1.13	1.27	0.54	0.65	2.06	0.80	12.92

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Utah—Continued.													
Cisco	0.70	2.90									1.01	0.65	
Clarkston	0.50	0.85	0.90	1.65	1.10	3.00	0.35	0.73	1.63	1.15	3.15	1.80	16.81
Corinne	1.30	0.30	0.70	0.75	1.30	1.46	T.	T.	1.70	0.18	1.90	1.00	10.59
Deseret	0.00	0.49	0.19	0.79	0.08	0.97	0.35	0.65	0.39	1.10	1.44	0.50	6.95
Dragon	0.33	0.98	0.60	0.44	0.28	1.64	1.73	0.51	1.12	0.49	1.36	1.97	11.45
Duchesne	0.21	0.44	0.45	0.05	0.16	0.88	0.96	0.66	1.38	0.31	1.57	0.70	7.77
Elberta	0.50	3.52	0.65	0.44	0.32	1.12	0.80	0.49	1.07	1.28	1.88	0.93	13.00
Elkhorn							1.54	0.36	1.91	0.34			
Emery	0.20	0.70	0.40	0.52	T.	0.35	1.22	0.70	0.20	0.90	0.20	1.80	7.19
Enterprise						0.14	1.21	1.57	0.66	0.21	1.96	0.65	
Erekson				1.64	0.67	1.47	1.11	1.15	0.64	0.77	3.41	1.46	
Escalante		0.66			0.00		2.14	0.55	0.90				
Fairfield		1.17	0.95										
Farmington	2.18	2.16	3.67	1.09	0.78	2.30	T.	0.31	1.40	1.00	0.68	3.70	20.17
Fillmore	0.35	1.48	1.11	0.83	0.49	0.75	1.04	1.50	1.14	1.62	1.67	1.99	13.97
Fort Duchesne	0.01		0.60	T.	T.	2.14	1.31	T.	0.36	0.30	0.40	0.11	
Fruitland	0.15		0.00			1.94	0.58	1.39	2.59	0.50			
Garland	0.28	0.26	1.12	1.71	1.16	2.35	3.04	1.42	1.98	1.04	2.18	2.00	18.54
Garrison			T.	0.45	0.50	0.45	0.36	1.44	T.	0.40	1.00	0.70	
Government Creek	0.65	1.50	1.51	1.68	0.82	1.85	0.71	0.77	0.70	0.80	2.59	1.46	15.04
Granger	1.60	2.75	2.30	1.15		1.02	0.50			1.60			
Grantsville	0.42	1.49	0.83	1.58	0.63	1.88	1.63	0.67	1.40	0.73	1.53	0.24	13.63
Grayson	1.27	3.87	0.75	0.65	0.00	0.10	0.19	1.75	1.42	0.78	2.84	1.09	15.31
Green River	T.	0.40	0.19	T.	0.00	0.96	0.59	0.14	0.63	0.05	0.63	0.65	4.24
Grouse Creek	0.51	0.13	0.44	0.56	1.45	4.52	3.14	1.65	0.60	0.98	1.34	1.78	17.10
Hanksville	0.32	0.52	0.15	0.00	0.00			1.36					
Heber	1.20	1.68	1.00	0.85	0.32	2.24	1.10	1.00	0.80	2.00	1.91	1.21	15.37
Henefer	1.37	1.42	2.00	1.40	0.42	4.10	2.12	0.76	1.84	1.88	2.12	1.04	21.07
Hite	0.31	0.81	0.28	0.14	T.	0.05	0.44	0.50	0.62	0.58	0.66	0.77	5.16
Hooper						5.00	1.00	1.93	0.80	1.40	1.04		
Howell				1.82	1.45	1.59	1.21	0.75					
Hurricane	0.00	3.10	0.20	0.80	0.25	0.01	0.72	1.75	0.90	0.00	3.10	0.15	10.98
Ibapah						1.30	2.06	0.75	1.16	0.12	1.11	0.90	
Ibex	0.08	0.60	0.19	0.62							0.50	0.16	
Iosepa	0.88	2.51	0.87	1.25	0.71	1.07	0.87	0.25	1.23	0.38	1.94	2.03	13.99
Junction	T.	1.46	1.04	0.31	T.	0.26	0.90	1.43	1.01	T.	1.10	0.62	8.16
Kanab	0.60	2.50	0.50				1.20	0.95	1.54	0.25	2.40	0.80	
Kanosh	0.92	1.32	1.34	1.34	0.51	0.85	0.19	1.25	0.70	1.28	1.76	1.92	13.38
Kelton	0.45	0.12	0.30	0.35	0.70	2.32	0.94	0.20	1.46	0.85	1.62	1.30	10.61
La Sal	0.08	0.79	0.20	T.			0.62	0.84	2.02	0.20	1.38	1.30	
Leeds (Echo Farm)	T.	3.49	T.	0.66	0.22	T.	0.97	0.47	0.75	0.00	3.93	0.33	10.82
Lemay	0.00	0.00	0.25	T.	0.75	2.45	0.56	0.62	1.23	0.71	0.69	0.80	8.06
Levan	1.08	2.17	1.06	1.22	0.27	1.18	0.40	1.64	1.41	1.44	2.08	1.68	15.03
Loa						0.97							
Logan	0.69	0.92	3.09	1.65	1.25	2.09	1.98	0.14	1.47	2.14	1.84	0.56	17.82
Low	0.20	1.50	0.45	0.50	0.50	1.45	1.50	0.00	0.00	0.00	0.80	0.70	7.60
Lucin						3.23	2.52	0.29	0.38	0.00	0.72	0.41	
Manila	0.04	0.72	0.30	0.84	0.62	2.00	1.94	0.71	0.86	2.24	1.02	1.01	12.30
Manti	0.55	1.30	0.84	1.13	0.56	1.65	0.40	0.98	1.64	1.04	1.43	1.28	12.80
Maple Creek	0.92	1.52	2.42	1.86	0.97	2.62	1.19	0.79	2.06	2.96	3.98	1.59	22.88
Marysvale	0.37	0.94	0.63			4.70		1.50	1.52	0.00	0.75	0.73	
Marion	1.26	1.03	1.10	0.80									
Meadowville	0.50	0.40	0.80	0.95	0.55	2.69	0.80	0.25	1.92	0.43	1.57	0.17	11.03
Midlake		0.70	0.90	0.40	0.75	1.30	1.20	0.40	0.65	0.25	0.65	0.14	
Midvale	0.55	1.57	2.01	2.56	0.09	2.35	1.12	0.17	1.01	1.09	0.91	0.96	14.99
Milford	0.40	1.00	0.35	0.15	0.00	0.32	1.00	0.21	0.13	0.00		1.60	
Mills	0.12	0.61	0.36	0.21	0.08	1.34	0.82	1.08	0.69	0.85	1.48	0.52	8.16
Millville	0.85	0.67	2.24	0.88	1.32	2.24	0.78	0.71	1.54	1.16	3.20	0.56	16.15
Minersville	T.	0.55	0.39	0.79	0.36	0.34	0.70	1.29	0.57	0.03	1.89	1.04	7.95
Moab	0.94	1.49	0.10	0.35	0.19	0.40	0.37	0.29	1.78	0.05	1.19	1.90	9.05
Modena	0.32	1.20	0.15	0.37	0.84	0.44	0.81	1.07	0.98	0.25	1.54	0.54	8.51
Monticello	1.30	3.50	1.30	1.32	0.10	0.59	1.08	0.73	2.51	1.80	2.45		
Morgan	0.21	0.80	1.85	1.12	0.30	3.42	0.26	0.35	0.88	1.39	1.31	1.61	13.50
Moroni	0.71	1.41	1.48	0.83	0.29	1.85	0.90	2.36	2.32	1.05	1.47	1.45	16.12
Mosida	0.08	1.37	1.34	0.45	0.15	1.29	1.05	0.44	0.58	1.15		1.32	
Mountain House	0.64	1.20	0.80	0.20	0.25	2.02	1.38	0.59	1.35	0.50	1.10	0.15	10.18
Nephi (near)	0.59	1.45	0.78	0.86	0.30	1.08	0.15	1.68	1.12	1.30	1.08		
New Castle	0.12	0.54	0.31	0.42	0.45	0.04	0.75	0.74	0.72	0.63			
New Harmony	0.21	2.48		0.80	0.25		1.09	2.10	2.46		3.20	0.16	
Oak City	0.55	0.94	0.79	0.90		1.28	0.68						
Ogden	1.59	1.38	2.69	0.88	0.97	3.62	0.33	1.75	1.19	1.33	2.64	2.52	20.89
Orderville	1.03	2.16	0.72	0.25	T.	0.52	1.75	1.61	3.64	0.32	2.96	1.62	16.58
Panguitch		0.22	0.21	0.08	0.02	0.35	1.92	2.12	1.77	0.19	1.23		
Park City	3.79	0.07		0.03	0.06		7.06	4.49				2.19	
Park Valley	0.70	0.18	1.35		1.11	5.02	0.77						
Parowan	0.39	1.43	0.85	1.05	0.35	0.22	0.95	3.83	0.67	0.19	2.15	2.17	14.19
Paxmans Farm								0.37	0.60		1.11		
Payson	0.65	1.79	1.97	1.37	0.87	1.70	0.55	0.54	1.50	2.68	3.72	2.07	19.41
Pelican Point				0.25	0.00	1.35	0.38	0.66	0.87	1.34			
Pine Valley	1.02	2.73	0.49	1.17	0.50	0.35	2.15	2.47		0.20	2.93		
Pineview								0.94	1.30	2.30	1.10	0.04	
Pinto	0.31	1.02	0.46	0.62	0.54	0.34	1.97	2.80	0.62	0.05	1.61	1.00	11.34
Plentiful					0.56	1.66	0.42	0.00					
Price				0.32	0.11	0.49	1.59	0.35	2.27	0.30	1.84	1.83	
Promontory	0.80	0.00		0.00	1.86	1.77	2.80	0.11	0.30	1.00	1.70	2.00	
Provo	1.20	1.70	2.53	1.50	0.25		0.46	0.43	1.99	2.09	3.11	1.91	
Ranch	1.24	3.41	0.86	T.	0.00	0.69	3.00	2.40	1.70	0.19	5.88	1.18	20.64
Randolph						2.58	1.52	1.25	2.26	0.69	0.89	0.70	
Revere	0.48	0.94	1.66	1.62	0.46	2.53	1.50	0.79	1.55	1.12	0.80	0.92	14.37
Richfield						0.96	0.64	0.83	1.30	2.00			
Richmond	1.17	1.05	3.65	1.59	1.79	3.50	1.09	0.58	1.22	2.00	2.78	1.46	21.88
St. George	0.03	1.98	0.34	0.19	0.05	0.06	1.55	0.88	1.08	0.00	2.12	0.42	8.70
Sahara					0.40	0.38	0.42	0.63	0.59	0.05	1.01	0.73	
Saltair	0.54	1.24	1.42	1.93	0.52	2.37	0.52	0.26	2.10	0.88	1.28	0.65	13.71
Salt Lake City	0.81	1.67	2.50	1.95	0.57	3.37	0.35	0.47	0.93	1.31	1.21	1.35	16.69
San Rafael	0.10	0.48	0.00	0.00	0.00	0.05	0.03		0.22				

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Utah—Continued.													
Scipio	0.40	2.93	1.36	0.78	0.80	1.39	1.02	1.61	1.23	1.35	1.72	2.24	15.93
Scofield	0.83	1.49	0.48	0.43	0.77	2.47	3.35	2.49	2.89	1.30	0.62	1.03	18.15
Showell	0.37	0.23	0.32	0.64	0.76	3.46	2.19	0.79	1.47	1.32	1.81	0.80	14.16
Silver City	0.51	2.10	0.61	0.33	0.34	1.43	0.63	0.59	0.89	1.42	1.77	1.77	12.39
Smyths			0.09	T.	0.30	0.40	1.71	0.32	0.53	1.10	0.93	0.15	
Soldier Summit	1.35	1.30	1.48	0.30	0.58	1.72	1.47	1.61	2.89	1.60			
Spanish Fork	0.80	2.25	1.65	0.50	1.32	1.72	0.62	0.54	1.79	2.69	3.08	0.90	17.86
Springdale	0.70					0.00	1.10	1.15	1.35		1.95	0.80	
Springvale					0.13	1.15	0.40	0.90	0.71	0.74	0.93		
Standrod	0.31	0.08	0.58	0.86	2.04		1.84	0.73	1.11	1.45	1.97	0.57	
Strawberry Tunnel, East	3.45	1.85	3.66	0.15	1.15	2.46	1.85	1.13	3.21			1.55	
Strawberry Tunnel, West	2.66	1.96	1.74	0.71	0.95	2.84	3.43	1.03	4.14	2.40	(3.00)	(1.25)	25.71
Teasdale	0.20	0.79	0.20	0.20	T.			1.90	0.80	0.00			
Thistle	2.34	3.40	2.40	1.40	0.60								
Thompsons	0.18	0.98	0.26	0.65	0.03	0.80	2.02		1.36	T.	1.54	0.59	
Tooele	1.19	1.79	1.95	2.92	1.00	3.34	2.33	0.23	1.66	1.24	1.87	1.01	20.53
Tremonton				1.35	1.23								
Tropic	0.08	1.70	0.40	T.	T.	0.48	1.30	1.38	1.69	0.11	1.16	1.60	9.90
Trout Creek Ranger						2.08	3.24	2.45					
Utah Lake pumping station	1.62	2.24	2.22	0.90	0.39	2.27	1.33	1.19	1.47		1.45		
Vernal	0.30	1.05	0.46		0.01	1.09				T.			
Vernon	0.65	1.63	1.16	1.46	0.61	2.43	2.36	2.29	1.41	0.91	3.00	1.10	19.01
Victor	0.00	0.59	0.00	0.00	0.00	0.45	0.77	0.23	1.35	0.10	1.31	1.05	5.85
Wendover	0.30	0.35	T.	0.15	0.24	1.69	0.65	0.35	0.79	0.17	0.35	0.40	5.44
Whiskey Creek	1.35	2.20	1.70	0.10	T.	0.95	0.20	0.40	0.10	2.00	1.82	2.35	13.17
White Rocks	0.30	0.80	0.57	T.	0.02	0.16	0.05	0.02	0.54	0.04	0.08	1.30	3.88
Winder					0.03	0.39	1.96	2.75	0.94	0.00	1.87	0.55	
Woodruff				0.15	0.65	6.12	1.30			0.10	0.82	0.67	
Woodside	0.00	0.78	0.23	0.00	0.39	0.68	0.53		0.35	T.	0.95		
Vermont.													
Bloomfield	3.19	1.32	5.58	1.83	3.13	1.82	4.74	3.28	2.48	4.97	1.19	1.91	35.45
Burlington	2.38	0.56	4.53	1.72	2.56	2.22	2.83	1.10	2.66	2.90	0.68	1.61	25.75
Cavendish	2.58	1.87	5.90	1.63	4.03	0.58	2.83		2.75	5.39			
Chelsea	3.26	0.97	6.33	1.93	2.81	1.80	2.93	0.83	1.74	4.64	2.15	2.51	31.90
Cornwall	2.15	0.97	4.29					1.23	2.25	5.72	0.87	3.19	
Enosburg Falls	3.88	1.57	5.77	1.79	4.05	4.85	5.59	2.15	4.11	3.88	1.30	2.05	40.99
Hyde Park	3.82	1.27	5.37	2.20	2.63	2.52	3.87	1.34	2.15	3.28	1.63	2.20	32.28
Manchester	3.10	1.41	5.08	1.29	3.15	0.47	1.14	0.07	0.13		2.87	2.26	
Northfield	2.84	0.92	6.30	1.61	3.01	1.29	3.37	1.02	1.84	4.97	1.77	2.41	31.35
Somerset	6.54	4.05	8.29	3.74	4.83	0.91	3.76	2.58	3.49	5.15	6.36	3.27	52.97
St. Johnsbury	3.25	1.32	6.76	1.63	3.36	1.40	7.56	1.44	1.45	5.94	1.25	2.78	38.14
Wells	3.75	2.31	8.22	1.75	3.68	1.32	2.84	1.89	2.52	6.20	1.66	2.87	39.11
Woodstock	3.69	1.63	6.56	1.62	4.30	0.57	3.08	1.80	1.23	6.27	1.92	3.41	36.08
Virginia.													
Arvonia	2.30	1.33	5.55	3.85	5.45	6.07	2.96	6.46	2.58	3.38	2.34	2.68	44.95
Ashland	1.68	1.38	5.11	3.64	4.60	2.14	3.17	4.51	3.64	3.16	1.55	2.03	36.61
Blacksburg	2.09	2.68	6.51	2.82	5.12	4.58	5.38	3.32	2.99	3.05	2.37	2.44	43.95
Buchanan	2.65	2.09	5.74	3.02	7.38	2.75	3.29	3.29	3.50	4.65	4.65	3.23	46.24
Burkes Garden	4.03	2.39	6.19	2.88	4.57	4.10	3.52	3.73	3.62	2.86	2.19	3.00	43.08
Callaville	3.25	1.94	6.22	1.52	4.13	3.44	6.06	1.85	2.49	3.97	1.12	3.79	39.78
Cape Henry	3.35	1.63	2.70	1.06	3.90	5.17	9.51	3.94	2.27	2.19	1.01	1.45	38.18
Catawba	2.17	3.09	6.48	2.48	6.17	4.98	3.81	5.76	3.49	4.39	3.00	2.90	49.32
Charlottesville	2.32	1.32	5.95	5.74	6.67	4.49	4.73	4.07	2.55	6.46	3.42	1.67	49.39
Clarksville	2.81	1.48	5.25	2.11	3.81	8.08	1.99	2.68	4.78	3.20	1.82	3.65	41.66
Columbia	2.49	1.00	5.37	4.99	5.93	5.60	5.85	3.45	4.02	2.92	2.29	2.25	46.16
Culpeper	2.59	1.22	4.90	5.40	6.05	3.21	2.17	1.12	1.99	4.13	2.57	2.39	37.74
Dale Enterprise	2.42	1.25	4.96	4.35	4.46	6.16	4.76	3.98	1.57	3.95	4.60	2.15	44.61
Danville	3.13	1.96	5.13	3.08	4.42	4.20	6.18	3.75	4.95	3.76	4.01	3.27	47.84
Diamond Springs	3.06	2.74	2.64	1.88	7.00	5.52	9.30	4.47	3.67	3.08	1.51	1.90	46.83
Dry Bridge	2.89	1.75	3.81	2.52	5.32	2.50	3.95	5.98	2.70	3.28	1.72	2.74	39.16
Eastville	3.59	1.95	4.08	2.16	6.27	5.46	5.18	3.53	1.71	4.97	1.48	1.36	41.74
Elk Knob	8.59	3.89	6.07	1.74	6.01	2.22	2.27	4.20	2.97	2.92	1.57	3.80	46.25
Emory					4.97	2.15	0.86	5.32	3.30	1.53	1.33	1.20	
Fredericksburg	1.95	1.00	5.13	4.80	4.03	3.35	2.03	4.57	3.30	2.96	1.78	2.34	37.24
Hampton	4.03	2.20	2.15	1.14	6.74	3.23	7.45	3.30	3.30				
Hot Springs	3.27	2.40	5.81	3.89	4.41	2.86	6.66	4.71	3.21	4.69	4.76	0.46	47.13
Ivanhoe	2.68	2.64	7.09	3.64	5.56	2.56	4.09	5.00	4.51	2.78	1.49	3.02	45.06
Ivor	5.53	2.16	2.65	1.25	7.60	3.42	9.57	3.38	4.38	3.80	2.06	2.26	48.12
Lassiter	2.76	2.45	7.66	3.55	5.84	3.85	4.04	2.27	2.60	2.55	1.55	2.85	41.97
Lexington	2.61	1.99	4.95	4.30	4.43	4.20	3.12	3.42	2.31	4.57	3.78	2.41	42.09
Lincoln	3.77	1.16	5.02	3.44	5.29	0.95	2.60	3.96	2.06	5.31	2.55	1.56	37.67
Lynchburg	1.91	1.99	5.50	3.60	4.76	2.88	1.53	2.40	2.44	3.30	3.32	2.56	36.19
Max Meadows	1.88	1.97	6.39	2.99	4.41	4.92	2.88	1.21	3.36	2.56	1.40	2.17	36.14
Mendota	6.23	3.82	6.20	2.76	5.68	4.48	1.37	6.71	4.63	3.01	1.67	2.48	49.04
Mountain Lake	3.50	3.01	7.08	3.51	6.78	6.23	5.16	3.17	2.51	6.23	2.70	1.90	51.78
Mount Weather	2.20	0.74	4.18	4.11	4.62	1.90	2.24	4.03	2.80	4.52	2.25	1.73	35.32
Newport News	3.78	2.13	3.06	1.40	5.60	3.23	10.84	5.06	3.53	3.42	1.32	1.72	45.09
Norfolk	3.39	1.97	1.99	0.79	4.31	5.70	10.24	4.14	5.23	2.63	1.30	1.08	43.37
Petersburg			4.37	2.25	4.48	5.29	2.48	2.47	4.68	1.65	2.09	3.69	
Quantico	1.64	1.35	4.81	5.02	8.45	2.20	1.10	2.60	2.37	2.49		2.58	
Radford	2.75	3.27	6.29	2.37	6.86	2.86	2.16	1.10	3.73	3.34	1.46	5.04	41.23
Randolph	3.14	2.62	4.26	2.90	4.23	5.10	4.65	4.79	3.66	3.08	1.41	3.08	42.92
Richmond	2.53	1.51	3.53	2.54	4.80	3.78	3.65	4.59	3.20	3.95	1.49	2.17	37.74
Roanoke	2.31	1.86	4.38	2.05	5.84	5.00	2.92	4.27	3.83	4.50	2.09	2.89	41.94
Rocky Mount	2.83	2.25	5.71	3.44	6.77	2.78	4.48	4.69	4.73	4.24	1.87	3.59	47.38
Ruckersville	2.56	1.43	5.37	5.51	8.29	6.41	5.04	2.18	2.50	5.93	2.67	1.93	49.82
Runnymeade (near)	3.47	1.65	4.60	2.04	7.76	4.92	6.68	4.15	5.34	5.62	1.49	2.98	50.73
Speers Ferry	8.20	4.77	5.20	1.68	7.41	2.27	2.01	5.77	3.54	2.94	1.50	3.48	48.77
Staunton	2.65	1.14	4.62	3.17	3.58	3.51	7.04	5.08	1.89	4.84	3.74	2.39	43.65
Stuart											2.19	2.72	
Swetnam				5.80	4.47	2.14	2.15	3.69	2.34	4.70	2.56	2.68	
Wachapreague										4.94	1.03	1.60	
Warsaw	3.92	1.85	2.75	3.85	3.79	3.30	4.30	2.96	4.00	4.50	2.70	3.20	41.12

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Virginia—Continued.													
Washington, D. C	2.85	1.37	4.67	5.86	4.56	1.81	3.24	5.42	2.41	3.37	2.20	2.29	40.05
West Point	3.50	1.16	3.35	2.51	4.71	2.32	3.82	2.43	4.07	3.89	1.96	1.98	35.70
Winchester	2.13	0.61	5.03	2.18	4.79	1.82	4.41	1.87	2.20	3.96	3.55	1.13	33.68
Williamsburg	3.42	2.55	4.99	2.30	7.10	5.75	3.26	3.98	4.34	4.15	0.70	2.70	43.24
Woodstock (near)	1.49	0.30	4.11	3.07	4.23	6.44	3.46	1.91	1.39	3.61	3.44	1.45	34.90
Wytheville	2.79	2.06	5.62	3.13	5.87	2.84	2.66	5.39	2.89	2.31	1.52	2.58	39.66
Washington.													
Aberdeen	16.45	4.71	6.19	4.59	3.69	6.40	1.78	1.08	6.27	5.50	17.58	7.44	81.68
Anacortes	5.88	1.55	2.36	1.30	1.93	2.28	0.83	1.44	1.23	4.75	3.45	1.88	28.38
Anatone	8.08	1.30	3.83	2.43	2.89	4.34	0.43	0.77	1.41	2.50	4.07	1.25	33.30
Baker	14.19	3.40	4.10	2.30	2.80	3.80	1.80	2.60	6.20	9.10	11.40	3.80	65.49
Bellingham	4.57	2.24	1.94	1.59	1.94	3.13	1.05	1.72	2.37	4.46	1.73	1.60	28.34
Bellingham (near)	6.61	3.14	3.25	2.36	2.00	.....	0.78	1.55	2.39	.....	3.56	1.60	.....
Blaine	6.66	3.48	3.96	2.60	3.12	2.77	1.84	0.91	2.36	5.90	5.61	2.15	41.36
Blewett	6.90	2.42	1.42	0.59	.....	.....	.....	.....	.....	.....	4.29	3.58	.....
Bremerton	5.22	1.37	1.72	0.89	1.28	2.04	0.81	0.48	2.45	1.53	7.14	2.93	27.86
Brewster	1.11	0.50	0.01	0.63	2.71	2.02	0.08	0.40	0.34	1.01	2.13	1.44	12.38
Buckley	9.63	3.37	3.59	1.93	2.89	4.35	0.80	1.32	3.77	5.17	5.26	2.73	44.81
Bumping Lake	10.30	1.50	3.19	0.80	1.53	1.70	0.20	0.38	2.50	4.31	7.34	3.28	37.03
Cedar Lake	23.90	5.00	10.35	3.70	5.00	7.20	2.45	2.00	6.80	11.30	13.70	.....	.....
Cedar River	11.03	2.57	2.83	1.94	3.29	.....	.....	.....	.....	.....	.....	.....	.....
Centralia	5.40	1.70	2.57	1.94	1.49	3.42	0.69	0.43	2.21	2.67	6.22	3.38	32.12
Clearbrook	9.81	5.60	5.16	2.14	3.04	3.58	2.43	1.77	5.56	7.25	7.28	2.13	55.75
Cle Elum	4.42	1.61	1.73	0.75	1.18	0.98	0.11	0.05	1.58	2.74	2.78	1.11	19.04
Colfax	4.03	0.87	3.23	1.50	1.59	3.28	0.25	0.81	0.85	1.67	2.73	0.95	21.76
Colville	2.45	0.24	0.48	0.84	1.88	4.35	0.70	0.54	1.19	0.85	2.70	0.84	17.06
Conconully	1.75	0.60	0.03	0.97	3.40	3.07	0.70	0.27	0.63	0.77	3.17	1.17	16.53
Conlee City	.....	.....	.....	.....	.....	1.63	0.14	0	0.39	1.39	2.82	1.39	.....
Cowiche	1.10	0.70	0.10	0.79	1.16	0.86	0.10	T.	0.12	1.07	1.33	0.74	8.07
Darrington	.....	.....	.....	.....	.....	.....	.....	.....	3.70	7.01	17.69	.....	.....
Davenport	2.64	0.51	0.41	0.56	0.90	3.91	0.27	0.42	0.54	1.16	2.96	1.40	15.68
Dayton	3.23	1.61	3.80	1.03	1.25	3.99	0.11	0.26	0.93	3.12	2.13	1.29	22.75
Deer Park	4.10	0.40	0.30	1.13	1.73	2.31	0.44	0.64	1.05	1.13	3.91	1.21	18.35
Detroit	8.35	1.85	3.78	1.79	3.12	1.97	0.83	0.50	4.03	4.76	9.56	4.05	44.59
Dixie	8.79	3.39	10.68	2.41	3.02	5.88	0.44	.....	.....	.....	.....	.....	.....
Douglass Lake	5.43	1.40	1.37	1.21	.....	.....	.....	.....	.....	.....	.....	1.76	.....
Dryden	2.99	0.91	0.49	0.99	1.17	1.41	0.01	T.	0.68	1.40	3.47	1.57	15.09
Duckabush	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.20	7.50	.....
Ellensburg	1.06	0.81	0.05	0.56	0.84	1.07	0.00	0.13	0.41	1.25	1.35	0.88	8.41
Forks	15.14	6.21	7.17	4.72	5.77	.....	3.10	.....	7.78	12.78	21.20	8.27	.....
Fort Simcoe	2.55	.....	0.25	0.08	0.06	T.	1.25	0.00	0.09	0.11	1.53	.....	.....
Gerome	2.64	.....	.....	1.20	1.38	2.87	0.19	0.08	0.38	1.05	4.92	1.09	.....
Goat Lake	16.06	6.94	9.12	4.15	3.89	3.61	4.46	2.74	11.81	10.99	19.54	3.64	96.95
Gold Basin	8.87	1.70	.....	1.88	5.08	6.22	.....	.....	.....	.....	.....	.....	.....
Gold Creek	1.85	0.70	1.10	0.80	1.40	1.80	0.20	0.10	0.65	1.10	3.15	0.77	13.62
Goldendale	3.40	0.70	1.16	0.95	1.21	1.20	0.18	0.01	0.92	1.70	2.36	1.76	15.55
Granite Falls	10.72	3.83	5.12	2.76	3.34	4.54	2.44	2.73	4.94	8.06	10.59	2.81	61.88
Hanford	1.39	0.16	0.05	0.16	0.61	1.11	0.00	T.	0.03	1.42	0.75	0.76	6.44
Hatton	1.36	0.24	0.10	0.22	0.91	2.04	0.01	0.35	0.33	1.29	1.41	1.48	9.74
Huntsville	7.17	1.86	1.81	1.31	0.95	3.02	0.28	0.41	1.16	2.46	2.12	1.75	24.30
Irene Mountain	0.90	0.28	0.24	0.67	2.50	2.99	0.73	0.70	1.17	1.35	1.33	0.41	13.27
Kennewick	.....	0.26	0.04	0.40	0.38	1.22	T.	0.32	0.02	.....	1.59	1.28	.....
Kent	7.09	1.78	2.49	1.05	2.29	2.99	0.46	0.75	3.89	3.17	6.46	3.03	35.45
Kettle Falls	2.56	0.15	0.63	0.72	2.10	3.06	0.40	0.88	.....	1.21	4.14	0.97	.....
Kiona	3.60	0.18	0.05	0.39	0.52	0.70	0.00	0.02	0.20	1.37	0.85	1.35	9.23
Kosmos	10.67	3.33	4.81	2.43	2.88	4.02	0.65	1.14	3.67	7.35	6.53	1.80	49.28
La Center	7.72	1.78	5.22	2.06	2.29	5.14	0.63	0.62	3.60	5.05	8.29	4.32	46.72
La Crosse	4.39	1.04	1.48	0.58	0.79	1.89	T.	0.32	1.03	1.90	2.27	1.20	16.89
Lake Cle Elum	8.54	2.51	3.09	0.38	1.45	0.87	0.68	0.21	1.37	4.26	4.63	1.48	29.47
Lake Kachess	11.16	2.22	3.71	0.79	1.48	1.14	0.38	0.01	1.59	3.65	3.66	0.90	30.69
Lake Keechelus	14.82	3.82	4.46	1.83	2.72	2.39	1.27	0.42	3.77	6.96	9.14	3.36	54.96
Lakeside	1.08	0.35	0.11	0.07	1.87	0.86	0.03	0.23	0.17	1.02	1.98	1.39	9.76
Laurel	7.62	1.15	3.31	1.89	1.51	1.44	0.06	0.15	2.23	2.45	7.67	4.18	33.66
Laurier	2.27	0.22	0.81	0.84	2.66	3.23	1.17	1.24	1.49	1.70	3.10	0.79	19.52
Lone Tree	18.88	3.79	5.40	2.71	3.26	4.74	1.62	1.79	5.38	6.79	16.10	6.19	76.65
Longmires Springs	.....	.....	.....	.....	.....	.....	.....	.....	4.50	9.23	.....	.....	.....
Lost Creek	1.00	0.20	T.	0.65	2.90	2.88	1.00	0.85	1.95	0.80	4.29	0.55	17.07
McConihe	0.59	0.06	T.	0.09	0.73	1.38	T.	T.	0.22	0.73	1.41	1.44	6.65
McCumbers Ranch	5.70	1.30	1.80	1.90	1.50	1.25	0.10	0.10	2.20	2.40	6.75	2.35	27.35
Moses Lake	1.22	0.03	T.	0.03	0.88	1.15	0.00	T.	0.20	0.93	1.47	1.29	7.20
Mottinger	1.94	0.76	0.75	0.50	0.78	0.73	0.07	0.57	0.22	1.69	1.60	1.04	10.65
Mount Pleasant	3.58	1.07	1.60	0.97	1.45	1.91	0.38	1.12	2.81	2.30	6.67	1.30	25.16
Moxee	3.64	0.73	T.	0.51	1.15	0.99	T.	0.02	0.41	1.03	1.49	0.67	10.64
Newport	3.43	0.43	1.66	1.33	1.52	3.75	0.58	0.52	2.07	1.52	6.35	0.81	23.97
North Head	9.27	1.96	3.35	2.33	2.85	5.14	1.03	0.97	2.40	4.25	8.09	6.25	47.89
Northport	2.51	0.19	0.92	0.64	1.79	4.30	1.67	0.57	1.05	1.30	2.84	0.76	18.60
North Sundale	3.15	0.10	0.42	0.68	1.66	0.60	0.00	0.00	0.14	1.39	1.67	1.79	11.60
North Yakima	0.88	0.30	0.02	0.51	0.67	0.78	T.	0.02	0.36	0.96	1.49	0.84	6.83
Odessa	3.15	0.30	0.42	0.50	1.26	2.14	0.12	0.11	0.26	0.96	2.16	1.55	12.93
Olga	6.06	2.25	1.69	1.95	1.75	2.58	0.59	0.51	1.99	5.28	2.82	1.46	28.93
Olympia	9.48	1.57	3.20	2.12	2.89	3.24	0.62	0.66	2.83	3.87	9.57	3.61	43.66
Omak	1.20	0.20	0.31	0.09	2.12	2.89	0.06	0.25	0.38	0.57	1.70	1.31	11.08
Oroville	0.76	0.00	T.	1.02	2.65	3.00	0.72	1.16	0.70	0.90	1.95	0.47	13.33
Peola	4.78	1.36	3.62	1.86	2.29	6.22	0.34	0.95	0.74	3.22	1.98	0.60	27.96
Pomeroy	5.07	1.13	2.92	0.09	2.16	3.02	0.05	0.71	0.47	4.56	1.43	1.40	23.01
Port Crescent	5.95	1.76	1.46	0.98	1.32	2.41	0.85	0.66	3.29	3.00	9.05	1.77	32.50
Port Townsend	2.39	0.75	1.03	0.84	2.13	1.83	1.19	0.73	1.12	2.04	2.88	1.44	18.37
Prosser	1.25	.....	.....	.....	0.95	0.75	T.	T.	0.26	1.33	0.90	1.14	.....
Pullman	4.95	1.28	3.76	1.50	1.60	2.87	0.07	0.26	0.94	2.03	3.33	1.24	23.83
Queets River	13.90	7.17	8.07	4.95	4.68	7.13	2.14	.....	7.08	9.09	20.51	9.53	.....
Quinault	20.84	5.32	13.40	6.52	8.08	8.43	2.84	1.48	7.30	12.88	26.90	11.56	125.50
Reardan	.....	.....	0.34	.....	0.80	2.58	0.56	0.48	0.85	1.32	3.14	1.35	.....
Republic	1.31	0.04	0.16	0.71	1.99	3.01	1.25	0.52	1.87	1.12	1.64	1.00	14.62
Rex Creek	4.81	0.48	1.35	0.87	0.63	0.96	0.00	.....	.....	.....	.....	.....	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Washington—Continued.													
Ritzville	.....	.....	0.38	0.67	0.46	2.00	0.03	0.34	0.34	1.62	2.11	2.78	.....
Robertsville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.27	2.02	.....
Rock Lake	.....	.....	.....	.....	.....	3.57	0.27	0.61	0.77	1.50	2.92	1.32	.....
Rosalia	3.15	0.64	1.42	1.01	1.68	3.58	0.36	0.26	0.94	2.31	2.92	0.76	19.04
Russells Ranch	6.07	1.33	1.43	0.56	1.06	1.48	0.47	0.19	1.06	2.71	3.10	.....	.....
Seattle	4.89	1.34	1.55	0.83	1.37	1.71	0.73	0.45	2.37	2.00	4.74	2.61	24.59
Sedro-Woolley	8.92	2.96	2.62	1.36	2.01	4.27	1.57	2.16	3.81	7.31	6.15	2.34	45.48
Sixprong	1.72	0.27	0.06	0.73	0.92	1.08	0.02	0.00	0.05	1.14	1.45	1.03	8.47
Skagit Power Dam	11.57	3.31	8.76	2.46	2.62	3.19	2.30	1.77	7.03	8.29	13.31	3.10	67.71
Snohomish	7.49	2.17	3.01	0.73	3.22	2.97	2.75	2.18	3.18	4.49	7.92	2.64	42.75
Snoqualmie Falls	8.74	2.20	3.53	1.41	3.29	4.22	1.72	0.69	5.34	4.90	7.07	2.04	45.15
Snyders Ranch	2.18	0.33	0.57	0.62	1.70	2.57	T.	T.	0.40	0.52	3.25	1.17	13.31
South Bend	18.19	3.35	5.95	4.32	3.54	5.44	1.68	2.32	6.67	5.91	17.91	5.35	80.63
Spokane	3.67	0.92	0.59	0.80	1.21	3.01	0.37	0.22	0.86	1.58	2.58	0.93	16.74
State University	4.41	1.60	1.39	0.65	1.55	1.84	0.50	0.83	2.41	1.53	.....	2.56	.....
Stokes Ranch	1.51	0.58	0.43	0.67	1.28	2.22	0.10	0.77	0.41	0.73	2.88	1.17	12.75
Sullivan Lake	.....	.....	.....	.....	.....	4.57	3.00	1.36	2.29	1.94	5.31	0.19	.....
Sumner	7.76	1.96	2.50	1.42	2.45	3.69	0.50	0.94	4.27	3.76	6.62	2.85	38.72
Sunnyside	0.72	0.27	0.09	0.23	0.96	0.48	T.	0.00	0.46	1.21	1.15	1.25	6.82
Tacoma	7.44	1.54	2.20	1.29	2.29	2.16	0.55	0.72	2.97	3.45	5.59	3.00	33.20
Tatoosh Island	11.74	7.56	4.80	3.39	3.75	6.74	3.11	0.94	6.37	8.75	15.06	6.05	78.26
Tieton Canyon	2.55	0.56	0.92	0.86	1.34	1.18	T.	0.09	0.10	1.29	3.02	1.17	13.08
Touchet	1.54	0.81	0.79	0.42	1.23	1.69	0.03	0.19	0.37	1.41	1.21	0.91	10.60
Touchet Ridge	7.07	2.34	6.38	1.18	0.79	3.02	0.22	0.67	1.65	6.29	5.31	2.34	37.26
Trinidad	0.90	0.30	0.00	0.20	0.95	0.84	0.06	T.	0.11	0.82	1.59	1.10	6.87
Vancouver	5.36	1.06	3.30	2.51	1.79	3.49	0.27	0.29	2.41	3.29	5.91	3.68	33.36
Vashon Island	5.85	0.94	2.99	1.97	1.68	1.68	0.47	0.44	3.21	2.56	3.75	3.67	29.21
Wahluke	1.67	0.05	0.00	.....	0.73	0.34	T.	T.	0.10	.....	1.05	1.17	.....
Wallace	1.06	0.49	0.46	1.60	4.97	4.03	0.58	0.71	1.47	0.41	2.28	1.26	19.32
Walla Walla	2.52	1.46	2.07	1.01	1.24	2.11	0.04	0.30	1.29	2.44	1.91	0.99	17.38
Washougal	9.08	2.71	7.87	3.77	2.95	6.49	0.68	1.31	3.70	6.95	8.21	5.20	58.92
Waterville	1.95	0.70	0.35	0.79	1.49	.....	.....	.....	.....	.....	.....	.....	.....
Wenatchee	1.60	0.22	T.	0.31	1.65	1.13	0	0.04	0.06	0.80	1.79	1.00	8.60
Wenatchee (near)	1.82	0.51	0.10	0.46	1.71	1.77	T.	0.14	0.58	1.60	2.04	1.47	11.60
White Salmon	.....	.....	4.11	1.01	1.25	1.05	0.21	0.28	0.83	2.91	4.72	2.60	.....
Wilbur	1.67	0.22	0.47	0.32	1.92	2.08	0.59	0.11	0.51	1.65	2.94	0.93	13.41
Wind River	15.53	4.31	11.21	6.01	2.68	4.60	0.82	0.88	7.36	6.27	16.35	6.57	82.59
Winthrop	1.64	0.48	0.09	0.68	1.14	1.87	0.20	0.43	0.30	0.60	2.40	1.19	11.02
Yacolt	14.87	3.95	9.37	3.65	3.06	5.95	0.85	1.35	5.96	8.52	12.08	7.18	76.79
Yale	17.83	5.37	8.82	3.93	2.99	6.27	1.12	0.59	3.18	7.24	14.54	6.23	78.11
West Virginia.													
Bancroft	6.89	2.05	4.97	2.75	3.96	3.38	2.72	3.63	2.75	3.40	4.07	3.34	43.91
Bayard	6.21	2.07	3.39	3.54	7.90	4.05	7.21	5.51	3.68	7.75	6.31	2.64	60.26
Beckley	4.61	1.31	4.35	2.54	5.11	6.03	5.80	2.82	2.22	1.78	4.70	1.26	42.53
Bens Run	8.48	2.28	3.91	2.82	4.24	2.40	7.10	2.81	2.54	4.75	4.16	3.28	48.86
Bluefield	3.51	1.39	4.12	2.34	1.89	5.71	5.40	2.91	3.17	2.55	0.61	2.02	35.62
Brandonville	7.35	1.29	4.57	3.38	8.86	3.04	5.45	0.53	3.02	8.11	5.31	3.73	54.64
Buckhannon	7.29	3.22	4.58	3.09	8.39	2.60	6.93	5.55	2.04	5.65	7.35	2.87	59.56
Burlington	2.10	0.60	4.15	1.75	7.08	3.97	3.27	.....	2.15	5.58	3.13	3.25	.....
Cairo	8.77	2.75	5.16	3.08	4.98	4.03	7.77	2.15	4.51	3.69	4.81	3.81	55.51
Central Station	5.67	1.91	1.95	1.99	4.78	2.23	7.98	2.19	2.39	4.58	4.61	2.63	42.91
Charleston	6.74	2.51	4.64	2.52	3.56	2.86	6.51	5.25	3.95	5.76	5.18	2.88	52.36
Cheat Bridge	5.05	1.94	3.94	4.01	5.35	3.62	6.60	6.91	5.33	3.03	4.69	3.56	54.03
Cortland	4.51	3.13	4.59	3.35	8.07	4.32	6.83	2.87	4.29	5.63	6.29	2.50	56.38
Creston	7.76	2.42	4.66	3.19	4.21	4.10	3.85	2.50	1.96	4.96	4.94	3.20	47.75
Cuba	8.42	2.09	4.28	2.46	4.16	2.09	6.81	1.57	4.03	3.36	5.23	3.60	48.10
Davis	7.23	4.63	5.69	3.79	8.14	4.21	8.62	4.66	4.00	6.22	6.60	3.55	67.34
Doane	8.12	.....	6.25	.....	.....	.....	.....	.....	.....	.....	.....	1.98	.....
Elizabeth	7.87	2.54	4.33	2.17	3.51	4.54	4.17	3.08	2.49	3.71	4.53	2.98	45.92
Elkhorn	6.41	3.41	5.37	2.46	3.98	6.20	5.70	5.05	2.57	3.23	2.99	1.42	48.79
Elkins	5.30	2.24	3.11	3.75	5.63	2.83	8.67	4.56	5.09	6.23	5.47	3.45	56.33
Fairmont	6.99	1.95	3.65	2.10	6.16	4.25	6.82	0.90	2.30	3.93	5.38	3.16	47.59
Glenville	7.89	2.82	4.35	4.10	4.90	4.28	10.07	4.06	2.28	3.59	5.60	3.45	57.39
Grafton	8.42	3.09	3.70	2.40	7.13	3.37	8.25	3.74	2.80	5.51	6.26	3.48	57.95
Green Sulphur Springs	3.54	1.60	4.11	1.61	3.32	2.52	3.64	2.31	2.78	3.99	2.97	2.28	34.67
Harpers Ferry	2.33	0.77	4.61	2.04	3.27	1.14	2.19	3.78	1.44	6.06	2.67	2.56	32.86
Hinton	3.58	2.40	4.88	1.90	4.34	2.58	4.08	1.46	3.16	3.85	2.59	2.74	37.56
Holcomb	6.41	3.46	3.02	4.33	6.36	3.74	8.42	4.87	4.80	6.22	5.42	2.80	60.75
Huntington	6.92	2.46	6.28	2.48	6.44	2.90	2.80	1.68	2.66	3.20	4.26	3.80	45.88
Lewisburg	3.47	2.71	5.18	3.04	4.14	3.77	6.47	2.07	2.20	4.10	3.29	2.46	42.90
Logan	7.02	2.79	4.97	3.10	3.31	2.47	3.87	4.03	2.10	4.28	3.12	.....	.....
Lost City	2.31	0.76	6.07	3.13	6.03	5.88	4.04	3.02	1.70	3.62	3.07	2.62	42.25
Lost Creek	7.68	2.29	3.01	2.46	5.90	1.13	6.24	3.11	1.59	3.81	5.15	2.71	45.08
Madison	.....	.....	4.57	2.54	5.32	1.83	2.14	2.13	2.17	4.80	4.39	2.87	.....
Mannington	8.58	1.87	3.75	2.33	5.73	2.78	5.26	0.83	2.28	4.41	5.28	2.99	46.09
Marlinton	4.42	2.70	5.80	3.75	5.20	2.85	4.70	3.74	2.02	5.43	3.05	2.75	46.41
Martinsburg	2.13	1.10	6.66	2.51	3.98	2.10	2.81	2.43	2.89	6.89	3.04	3.05	39.59
Moorefield	1.84	0.26	4.53	2.56	.....	3.11	.....	0.98	.....	5.28	4.13	2.59	.....
Morgantown	7.70	1.40	3.89	2.77	5.01	2.04	5.80	0.79	1.67	4.22	2.51	1.85	39.65
Moundsville	6.16	1.60	3.80	2.14	3.16	2.82	6.05	2.07	2.15	4.59	3.55	2.99	41.08
New Cumberland	6.05	1.90	5.91	2.40	3.35	3.30	6.30	1.50	2.05	6.05	2.72	2.20	43.73
New Martinsville	7.39	1.99	3.99	2.74	5.12	2.26	6.72	1.60	4.57	3.95	4.51	3.41	48.25
Nuttallburg	4.30	1.10	3.88	3.77	4.47	4.87	5.86	3.06	.....	4.10	4.51	2.32	.....
Osceola	4.98	2.80	6.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parkersburg	8.22	1.76	4.13	1.81	4.80	2.96	4.64	2.53	2.96	2.55	4.62	2.75	43.73
Parsons	5.72	2.70	3.89	3.18	6.46	4.18	9.95	3.46	3.05	6.00	7.50	2.50	58.59
Philippi	7.35	2.95	4.62	3.19	8.27	3.54	7.03	4.50	2.25	5.09	5.38	3.41	57.58
Pickens	8.67	6.15	5.48	5.48	7.42	4.20	7.08	6.15	8.89	6.71	8.53	2.92	77.98
Point Pleasant	8.18	2.38	4.78	3.20	6.26	1.72	2.66	3.64	1.94	3.64	4.40	3.44	46.24
Powellton	5.81	3.06	3.90	4.17	4.27	6.43	5.74	2.17	4.22	4.77	4.68	2.60	51.82
Princeton	8.00	3.40	7.90	4.25	7.00	6.55	5.60	8.20	4.30	3.15	1.90	2.70	62.95
Robertsburg	6.41	2.39	4.64	2.90	3.49	2.46	2.71	4.02	1.45	3.86	4.05	3.18	41.56
Rowlesburg	8.68	3.17	4.38	2.50	8.26	4.63	7.02	2.22	2.84	6.20	6.18	3.10	59.20
Ryan	6.26	2.50	4.72	3.07	4.17	2.99	9.06	2.02	3.36	4.40	4.70	3.33	50.58

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
West Virginia—Continued.													
St. Marys	8.39	2.36	4.07	2.79	4.00	2.41	8.33	2.31	2.78	4.45	5.16	3.20	50.19
Smithfield	10.53	2.59	5.38	2.24	3.48	4.08	7.16	2.09	3.23	4.82	7.44	3.52	56.56
Spencer	6.10	2.77	4.11	2.92	4.74	2.83	6.70	4.19	0.86	6.30	6.22	2.92	50.66
Sutton	.....	1.81	1.77	2.47	5.79	2.89	5.77	3.59	2.32	4.73	5.29	1.80	.....
Terra Alta	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.44	4.84	.....	.....
Union	4.38	1.98	5.89	4.05	2.95	6.03	2.97	.....	2.47	3.11	1.91	1.10	.....
Upper Tract	2.35	0.21	4.21	4.06	4.98	3.02	3.50	2.83	3.39	4.52	2.91	1.35	37.33
Webster Springs	.....	.....	.....	4.81	5.33	4.58	5.69	5.70	6.38	.....	.....	.....	.....
Wellsburg	5.93	2.09	4.79	3.41	3.33	0.86	9.67	1.91	3.11	3.21	3.17	2.78	44.26
Weston	6.80	1.96	3.73	.....	.....	.....	.....	.....	.....	.....	6.22	3.10	.....
Wheeling	6.73	2.05	4.01	2.35	3.88	2.44	5.99	1.38	2.55	3.74	3.77	2.62	41.51
Williamson	7.40	3.16	4.78	2.62	2.96	2.26	5.88	2.52	2.38	3.82	2.60	3.66	44.04
Wisconsin.													
Antigo	0.74	1.22	2.37	1.85	5.92	2.77	8.34	1.16	3.24	2.82	0.52	T.	30.95
Appleton	1.48	1.18	5.35	2.48	7.63	2.04	7.02	1.62	3.40	2.80	1.59	0.49	37.08
Ashland	0.59	0.86	1.34	1.11	4.59	3.22	5.81	1.39	4.68	3.73	2.33	T.	29.65
Barron	0.33	0.67	2.87	1.84	5.64	2.95	8.73	3.26	2.95	2.21	1.40	T.	32.85
Bayfield	0.32	.....	.....	.....	4.50	4.65	4.75	2.06	5.73	4.64	1.70	0.08	.....
Beloit	1.20	1.65	3.43	1.00	6.12	1.85	5.66	2.11	3.72	2.61	2.00	0.24	31.59
Big St. Germain Dam (P. O. Arbor Vitae)	0.87	1.05	2.48	1.85	3.83	2.60	6.59	2.28	4.78	2.98	1.86	0.28	31.45
Brodhead	1.34	0.80	3.00	1.46	6.77	1.77	9.73	2.00	3.71	3.22	2.14	0.24	36.18
Burnett	0.85	0.91	2.55	1.60	5.80	4.71	4.56	2.54	4.31	4.58	1.65	0.60	34.66
Cecil	0.65	1.28	3.42	2.23	5.10	2.84	6.41	0.53	5.70	1.46	0.87	T.	30.49
Cornell	0.19	0.88	2.21	1.72	4.19	2.37	7.21	.....	.....	.....	.....	.....	.....
Cornucopia	.....	.....	.....	1.52	4.13	3.55	4.88	2.63	3.15	.....	.....	.....	.....
Cottage Grove	1.54	0.80	2.48	1.87	6.34	3.69	8.40	1.84	4.23	2.96	1.62	0.63	36.40
Crandon	0.65	1.55	3.50	1.51	4.25	2.19	6.16	2.46	3.84	2.50	0.83	.21	29.65
Darlington	1.00	0.40	2.55	1.91	7.98	1.55	6.10	3.95	4.81	3.30	2.25	0.20	36.00
Deerskin Dam (P. O. Phelps)	0.35	1.54	2.80	1.30	3.33	3.20	5.86	3.96	3.14	3.60	1.93	0.05	30.86
Delavan	1.09	1.01	2.67	1.94	5.22	2.06	5.66	1.76	2.34	2.44	2.06	0.17	29.02
Dodgeville	.....	.....	.....	.....	.....	.....	.....	3.40	2.40	2.36	0.91	0.57	.....
Downing	1.00	1.00	2.20	0.85	2.42	2.84	8.72	1.50	1.20	3.20	0.90	T.	25.83
Eau Claire	0.49	1.37	3.15	2.31	4.47	2.27	6.53	2.56	4.43	2.16	1.16	T.	30.90
Florence	1.47	1.57	3.57	2.26	3.74	2.69	4.43	2.29	4.87	3.19	1.04	0.04	31.16
Fond du Lac	2.66	1.42	3.13	1.42	7.83	3.63	5.03	2.60	3.57	3.09	1.52	0.57	37.07
Glen Flora	0.75	1.77	2.43	2.22	3.56	2.28	9.91	4.34	2.23	2.39	1.62	T.	33.50
Grand Rapids	1.08	1.01	3.59	2.48	6.64	2.90	4.58	2.16	3.85	3.99	1.84	0.27	34.39
Grand River Locks (P. O. Montello)	0.96	0.36	2.60	2.08	6.22	3.64	4.28	1.46	3.53	2.93	1.72	0.46	30.33
Grantsburg	0.75	0.60	1.00	1.82	3.75	1.00	7.80	2.83	2.14	2.74	0.55	T.	24.98
Green Bay	1.17	1.67	3.03	2.37	5.49	2.70	4.91	1.01	3.56	2.55	1.91	0.46	30.83
Hancock	1.65	1.00	3.87	2.21	8.44	3.02	5.33	2.28	4.68	2.72	1.20	0.05	36.45
Hatfield	0.77	1.25	2.86	1.49	5.09	3.29	6.26	1.48	4.58	2.69	2.84	0.35	32.95
Hayward	1.40	1.70	2.05	0.74	.....	.....	.....	0.81	1.26	2.06	1.02	T.	.....
High Falls (P. O. Givitz)	1.64	1.76	3.21	1.74	4.55	1.96	5.86	1.86	3.71	2.54	1.23	0.11	30.17
Hillsboro	1.65	0.80	4.11	2.38	7.77	4.02	6.91	2.69	6.57	2.73	1.77	0.38	41.78
Iron River	1.45	2.40	3.10	3.00	5.67	3.48	7.27	2.72	4.20	4.20	.....	.....	.....
Kewaunee	1.76	1.36	2.31	2.55	4.34	3.21	5.11	1.49	2.58	3.80	1.11	0.55	30.17
Koepenick	1.00	1.00	3.10	2.70	5.10	3.30	9.76	1.05	3.40	2.40	1.10	0.21	34.12
Lacrosse	0.89	1.04	3.93	1.57	5.60	2.90	5.71	2.53	3.16	2.87	1.93	0.13	32.26
Lake Mills	1.57	0.75	2.73	1.33	7.23	3.34	8.17	2.46	3.61	3.40	2.77	0.29	39.65
Lancaster	0.69	0.63	2.88	2.32	8.02	2.92	.....	1.29	3.95	3.60	1.55	0.41	.....
Long Lake (P. O. Three Lakes)	0.59	0.64	2.27	1.56	3.60	3.64	6.35	4.46	4.32	4.30	1.40	0.10	33.23
Madison	1.64	1.12	2.41	1.54	6.63	3.73	8.47	1.59	4.32	2.53	1.73	0.33	36.04
Manitowoc	1.51	1.38	3.64	2.06	6.07	2.26	5.39	1.60	2.94	3.75	1.43	0.63	32.66
Marshfield	0.88	0.86	3.30	2.48	6.22	2.70	3.50	3.88	3.13	2.31	1.33	0.24	30.83
Mather (P. O. Valley Junction)	1.57	1.40	4.04	2.63	6.77	2.03	8.34	2.44	2.78	3.35	1.61	0.47	37.43
Mauston	0.80	0.70	3.73	2.10	7.15	3.28	7.06	3.29	4.98	2.95	2.30	0.41	38.75
Meadow Valley	0.48	0.88	3.25	2.29	5.70	2.52	5.97	2.02	2.91	3.31	1.24	0.22	30.79
Medford	0.70	1.00	3.66	3.09	4.58	2.07	8.51	0.98	3.80	2.65	2.08	0.06	33.18
Menasha	0.75	0.39	2.39	1.74	7.16	1.82	6.18	2.14	3.17	2.67	0.97	0.28	29.66
Menomonee Falls	1.07	1.21	2.31	2.02	6.26	4.11	5.53	2.86	3.38	2.98	2.61	0.38	34.72
Merrill	0.66	0.96	3.14	2.47	4.71	2.91	8.06	0.82	3.06	3.11	1.13	0.06	30.89
Milwaukee	1.07	2.05	3.09	3.00	5.65	2.43	3.59	1.64	2.05	3.56	2.17	0.08	30.38
Minocqua	0.38	0.65	2.05	1.93	4.41	3.74	6.60	3.11	4.12	3.09	2.19	0.05	32.32
Mondovi	0.42	0.61	2.46	1.57	4.50	2.70	9.25	2.56	4.62	3.06	1.17	0.12	33.04
Mount Horeb	1.99	0.53	3.36	1.98	7.08	3.09	9.79	2.04	3.92	3.35	1.65	0.16	38.94
Muscoda	1.17	0.69	2.95	1.14	6.59	5.44	7.31	3.57	4.29	2.97	1.26	0.79	38.17
Neillsville	0.45	0.75	4.15	1.96	6.55	2.00	6.92	2.01	2.99	2.59	1.60	0.32	32.29
New London	0.66	0.65	4.23	2.35	6.88	3.38	6.22	3.51	4.43	2.23	1.43	0.45	36.42
New Richmond	0.60	1.00	4.60	1.67	2.99	5.19	8.55	2.43	.....	.....	0.77	T.	.....
Oconto	1.67	2.05	3.26	1.95	4.83	2.66	6.12	0.73	4.95	2.06	1.53	0.14	31.95
Osceola	0.40	0.68	1.01	1.26	1.98	1.36	7.66	2.50	4.24	4.28	0.60	T.	25.97
Oshkosh	1.20	0.60	2.89	1.64	5.68	1.46	4.77	3.10	3.69	1.53	1.00	0.48	28.04
Park Falls	0.52	1.39	3.03	3.08	4.55	3.93	6.97	3.77	3.90	2.87	1.54	0.04	35.59
Pine River	0.86	0.91	3.97	2.38	8.83	3.34	4.47	1.46	3.84	1.90	1.30	0.56	33.82
Plum Island (P. O. Detroit Harbor)	1.32	0.91	2.88	2.62	3.57	2.06	5.32	1.22	4.77	2.75	2.04	0.08	29.54
Plymouth	1.31	1.61	3.11	1.95	6.01	2.17	3.40	3.10	2.78	3.78	2.29	0.63	32.14
Portage	1.00	1.11	2.97	1.82	7.57	2.50	6.61	4.02	3.31	4.23	1.69	0.70	37.53
Port Edwards	2.35	1.80	5.59	2.35	5.85	2.61	4.63	1.68	4.01	3.05	1.02	0.10	35.04
Port Washington	1.35	1.40	4.69	3.06	5.54	4.79	5.35	3.31	1.61	2.98	2.92	0.35	37.35
Prairie du Chien	0.78	0.68	2.62	1.86	6.42	2.45	4.12	2.98	3.58	3.26	1.42	0.56	30.73
Prairie du Sac	0.97	0.42	2.87	1.41	7.40	4.15	9.55	1.99	3.82	3.23	2.05	0.22	38.08
Prentice	0.61	0.47	2.23	1.64	4.00	2.70	10.81	1.81	4.61	3.43	2.16	T.	34.77
Racine	0.97	1.44	2.54	1.78	5.63	2.21	6.47	1.59	2.08	4.69	1.64	0.36	31.40
Rest Lake (P. O. Manitowish)	.....	.....	.....	2.16	1.86	4.13	7.84	2.27	4.12	1.64	1.25	T.	.....
Rhinelander	0.42	0.64	2.62	1.60	4.68	3.66	6.47	1.83	5.17	3.76	1.23	0.03	32.11
Ripon	1.39	0.71	4.48	1.60	7.17	2.26	3.96	1.34	4.38	2.85	1.67	0.68	32.49
Sheboygan	2.05	1.15	3.18	2.69	7.04	2.44	5.28	3.18	3.43	2.91	1.85	0.60	35.80
Shullsburg	1.57	0.84	2.87	1.97	8.77	4.72	4.72	3.67	4.63	3.28	1.77	0.31	39.12
Solon Springs	0.50	2.00	1.60	2.42	4.45	4.70	6.10	3.20	2.67	2.95	1.35	0.05	31.99
Spooner	0.30	0.70	1.33	1.99	3.39	2.04	8.23	4.67	3.46	2.96	0.77	T.	29.84
Stanley	0.39	0.65	1.68	2.12	6.31	3.30	4.76	1.85	1.61	.....	1.36	T.	.....

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Wisconsin—Continued.													
Stevens Point	0.80	1.00	2.80	2.40	7.33	8.31	3.78	.....	4.89	3.80	1.30	T.	.....
Sturgeon Bay	1.30	1.20	3.49	2.66	5.19	5.19	4.75	0.84	4.67	3.36	1.24	0.33	34.22
Sugar Camp Dam (P. O. Eagle River)	0.20	0.25	1.80	1.68	4.02	3.88	5.49	2.66	4.22	3.58	1.02	0.22	29.02
Superior	0.17	0.46	1.69	2.19	7.51	2.06	6.56	1.31	3.48	3.87	0.66	0.13	30.09
Tomahawk	.....	.....	2.54	2.31	2.88	1.80	7.38	1.90	2.43	2.55	1.15	T.	.....
Trout Lake (P. O. Boulder Junction)	0.40	0.55	1.04	1.16	0.90	3.20	5.79	1.80	3.06	2.75	1.00	0.01	21.66
Twin Lakes Dam (P. O. Phelps)	0.42	0.87	2.67	2.18	3.02	2.72	5.38	3.21	2.95	3.00	1.13	T.	27.35
Valley Junction	1.63	2.09	3.99	2.24	6.62	2.48	8.54	2.54	2.80	3.90	1.95	0.20	38.98
Viroqua	0.91	0.42	3.94	1.68	6.73	3.72	9.27	2.69	2.62	3.48	1.68	0.32	37.46
Vudesare	0.85	1.70	2.69	1.79	3.25	3.81	.....	3.60	2.20	2.04	2.01	0.21	.....
Watertown	1.80	0.90	2.28	1.62	6.00	4.09	4.41	4.27	1.55	3.80	1.89	0.37	32.98
Waukesha	1.40	1.10	3.36	3.29	7.06	5.21	5.40	5.37	2.49	2.60	1.90	0.49	39.67
Waupaca	0.86	0.92	4.30	2.18	8.53	3.89	6.07	1.78	4.54	2.47	1.46	0.18	37.18
Wausau	0.41	0.84	3.33	2.67	4.73	3.49	6.41	0.82	4.15	2.58	0.88	0.12	30.43
Weyerhaeuser	0.47	0.49	2.29	1.61	4.15	3.32	8.78	3.99	3.30	3.01	1.66	T.	33.07
Whitehall	0.70	1.40	3.20	1.90	5.20	2.80	7.50	1.63	4.10	1.80	1.40	0.20	31.83
Wyoming.													
Afton	0.62	0.35	1.78	0.55	2.02	3.15	1.35	0.82	2.45	1.73	1.58	0.88	17.28
Alta	2.00	0.86	1.56	1.55	3.20	3.34	3.34	0.45	1.90	1.59	1.95	0.56	22.30
Arapahoe	.....	.....	.....	.....	0.71	1.69	0.42	0.25	1.40	1.03	0.45	0.85	.....
Basin	0.38	0.00	0.74	0.62	1.86	0.52	2.11	0.11	1.78	1.54	0.17	0.17	10.00
Bedford	1.31	0.90	1.68	1.21	1.88	3.20	1.84	0.74	1.37	2.30	1.97	1.11	19.51
Big Creek Station	0.72	1.27	.....	.....	0.05	0.71	.....	0.67	1.66	.....	0.88	.....	.....
Big Piney	.....	.....	.....	.....	.....	1.53	0.41	1.05	.....	0.32	.....	.....	.....
Border	0.33	0.35	1.83	0.33	0.66	4.97	2.97	1.01	0.24	1.55	1.90	0.82	16.96
Boyd	2.40	0.56	1.40	0.48	1.96	2.74	2.37	0.89	1.95	2.01	0.51	0.11	17.38
Burns	0.35	0.56	0.72	1.47	2.65	.....	2.88	1.81	2.10	1.55	0.39	2.20	.....
Casper	.....	.....	.....	.....	.....	.....	1.08	0.79	1.06	1.01	0.48	1.10	.....
Centennial	1.10	2.81	1.08	0.93	0.21	1.69	1.62	0.75	0.80	0.58	0.78	2.94	15.29
Cheyenne	0.55	0.74	0.33	1.35	2.22	1.18	1.42	1.43	2.82	1.43	0.37	2.00	15.84
Cheyenne Experiment Farm	0.44	0.32	0.24	1.24	1.96	1.34	1.36	1.43	2.63	1.51	0.23	2.14	14.84
Chugwater	0.36	1.60	0.40	0.45	1.05	2.67	2.00	1.50	.....	1.57	0.00	2.54	.....
Clark	0.76	0.62	1.07	0.67	2.10	1.79	1.51	0.86	0.46	1.76	0.19	0.10	11.89
Cody	0.05	0.19	0.52	0.15	1.57	1.74	1.37	0.54	0.36	0.86	0.06	T.	7.41
Cokeville	0.50	0.44	0.81	0.99	0.42	3.63	1.74	0.60	1.28	1.07	1.55	0.69	13.72
Crandall Creek	.....	.....	.....	.....	.....	2.38	4.07	0.83	0.58	2.00	.....	.....	.....
Crazy Creek	1.41	0.19	2.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Daniel	1.12	0.80	0.32	0.65	1.56	2.30	1.11	1.05	2.10	.....	.....	0.46	.....
Dome Lake	0.95	1.52	2.16	1.84	0.72	3.55	2.44	1.17	2.10	4.10	2.50	1.60	24.05
Douglas	0.22	0.68	0.47	0.75	0.30	0.83	1.73	0.47	0.66	1.23	0.23	1.20	8.77
Dubois	0.45	0.45	0.86	0.78	1.36	1.94	1.33	0.12	0.38	0.50	0.50	0.16	8.83
Eatons Ranch	0.91	0.89	1.72	1.05	0.36	1.87	2.94	0.70	1.60	2.91	0.28	0.40	15.63
Echeta	1.60	0.50	1.85	0.85	1.95	1.23	2.64	0.45	2.39	.....	0.00	0.10	.....
Eden	T.	0.28	0.45	0.18	0.22	1.97	2.04	0.36	0.62	0.59	0.23	0.45	7.39
Elk Mountain	0.92	1.65	1.95	0.80	0.47	1.26	1.89	0.30	1.61	2.14	1.22	1.28	15.49
Encampment	0.15	1.38	0.76	1.12	T.	0.95	3.50	0.37	1.17	2.25	0.87	0.57	13.09
Ervay	0.33	1.09	1.31	1.57	0.80	2.04	1.41	1.06	0.65	2.13	0.25	0.80	13.44
Evanston	0.51	1.40	0.65	0.88	0.42	3.37	2.01	0.95	1.17	1.77	0.82	0.93	14.88
Fort Laramie	0.33	0.97	0.50	0.76	1.53	3.97	2.95	0.91	1.33	1.31	0.40	1.50	16.46
Foxpark	0.70	1.66	1.90	1.20	0.35	1.35	1.33	0.86	1.45	1.00	1.20	.....	.....
Germania	0.30	0.20	0.16	0.08	0.58	1.22	1.01	0.22	0.69	0.64	0.24	0.17	5.51
Green River	0.10	0.43	0.29	0.25	0.10	0.96	0.96	0.79	0.23	1.08	0.05	0.49	5.73
Hecla	0.26	1.15	0.36	1.80	1.93	1.27	2.85	2.70	3.11	2.10	0.46	3.06	21.05
Horse Creek	.....	0.69	1.53	.....	.....	3.78	3.46	1.36	0.89	0.92	.....	.....	.....
Hunters Station	1.24	0.24	1.71	1.53	2.58	4.45	3.67	1.15	1.54	1.42	0.28	0.19	20.00
Hyattville	0.60	0.00	0.20	0.25	0.10	0.24	0.12	0.00	0.05	0.04	0.20	0.30	2.10
Jireh	0.95	1.95	1.05	1.24	1.46	2.46	1.99	1.53	1.35	.....	.....	.....	.....
Kinnear	0.05	0.32	0.83	2.10	3.71	0.46	1.99	0.63	0.51	0.67	T.	0.61	11.88
Kirtley	0.27	0.61	0.87	1.11	1.76	1.70	2.02	0.20	1.57	1.69	0.03	1.47	13.30
Kirwin	.....	.....	.....	.....	3.79	4.06	3.95	1.15	1.69	2.14	.....	.....	.....
Knowles	1.16	0.47	2.48	0.85	4.60	3.39	2.64	0.77	4.91	1.38	0.12	0.40	23.17
Lagrange	0.41	0.75	0.49	0.86	2.99	1.94	3.73	2.73	1.38	0.53	0.22	2.59	18.62
Lander	0.49	1.49	1.24	2.23	1.20	1.00	1.03	0.10	1.43	1.71	0.51	1.05	13.48
Laramie	0.55	1.20	0.19	0.41	0.19	1.70	2.40	1.36	1.44	1.64	0.76	1.90	13.74
Leo	0.17	0.09	0.78	0.39	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lolabama Ranch	0.15	0.17	0.59	0.28	0.90	0.80	2.61	0.65	0.60	0.45	0.15	0.05	7.40
Lovell	0.53	0.10	0.32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lusk	0.24	0.53	0.65	1.16	1.63	2.18	2.16	0.25	1.05	T.	T.	0.64	10.49
Manville	0.60	1.10	1.26	1.80	2.72	1.98	0.76	.....	.....	.....	0.60	1.35	.....
Moorcroft	0.40	1.14	1.94	0.65	2.06	1.43	0.95	0.32	2.53	0.82	0.05	0.13	12.42
Moore	0.36	1.71	0.32	0.75	0.91	0.79	5.18	1.10	1.32	1.86	0.80	1.72	16.82
Moran	3.13	1.03	2.38	0.41	3.07	3.19	2.45	0.82	1.22	.....	1.61	0.42	.....
Newcastle	0.72	0.64	1.00	0.26	1.38	1.91	1.34	0.63	1.77	1.85	0.50	0.10	12.10
Pathfinder	0.05	0.13	0.21	0.10	0.83	1.28	0.49	0.31	0.27	1.43	0.45	0.97	6.52
Pearl, Colo	5.50	6.60	8.40	5.40	0.16	0.64	2.09	0.27	1.04	3.93	2.59	2.00	38.32
Pinebluff	0.38	0.42	0.36	1.78	2.14	2.03	3.92	4.64	4.84	1.54	0.20	3.25	25.50
Pinedale	0.44	0.28	0.14	0.53	0.95	2.54	1.09	0.83	1.54	.....	.....	.....	.....
Pine Ridge	0.31	0.36	1.00	T.	1.88	3.90	1.30	1.93	3.93	0.60	0.02	0.32	15.55
Powell	0.18	0.10	0.09	0.01	0.71	1.65	1.03	0.24	0.22	0.52	0.00	0.12	4.87
Rawlins	0.14	1.07	0.74	0.09	0.43	1.97	1.88	1.58	0.37	1.12	1.03	0.82	11.84
Rock River	0.10	0.88	0.15	0.18	1.02	0.22	0.72	0.66	0.34	1.31	0.50	1.94	8.02
Rockypoint	0.87	0.35	0.70	0.09	2.97	2.19	1.07	0.64	4.65	1.41	0.08	0.23	15.25
Saratoga	0.55	1.34	0.50	0.45	0.50	2.15	1.46	0.13	0.31	1.77	0.75	0.87	10.78
Seven-mile Creek	0.77	0.64	.....	.....	0.48	2.84	1.75	1.21	1.57	1.04	0.66	.....	.....
Sheridan	1.91	0.55	0.78	0.62	1.52	3.90	1.70	0.20	2.04	2.05	0.22	0.12	15.61
Shoshone Dam	0.45	0.60	0.68	0.42	1.43	2.15	1.12	1.33	0.68	1.44	0.08	0.34	10.72
South Pass City	0.75	0.49	0.95	0.85	1.11	1.17	1.26	0.05	0.67	0.55	0.73	0.25	8.83
Sundance	1.95	0.96	0.98	0.40	2.05	1.75	0.95	1.25	0.53	.....	.....	.....	.....
Thermopolis	0.09	0.26	0.33	1.17	1.34	1.09	1.19	0.30	2.02	1.36	0.62	0.49	10.26
Ulm	0.75	0.42	0.55	0.35	1.21	2.75	1.80	0.64	1.30	1.62	0.05	T.	11.44
Upton	.....	0.08	0.30	0.13	4.01	2.63	1.05	0.22	1.79	1.14	0.30	0.19	.....
Verona	1.32	1.50	1.00	1.10	1.35	2.21	1.83	0.59	2.84	1.88	0.17	0.04	15.78

Monthly and annual precipitation (in inches and hundredths) for 1913—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.
Wyoming—Continued.													
Wamsutter	0.27	0.55	0.56	0.24	0.12	2.02	1.29	0.73	1.02	0.69	0.26	.....	.....
Wheatland	0.37	0.48	0.04	0.52	1.92	1.35	1.74	0.75	1.44	1.39	0.54	4.05	14.59
Wiants Ranch	0.35	0.94	0.34	0.58	0.64	2.10	2.12	1.33	0.67	1.95	0.78	1.11	12.81
Willow Creek Cabin	1.09	1.04	1.32	0.62	1.91	4.33	1.07	.....	3.28	0.67	1.30	0.30	.....
Woodrock	2.51	1.89	3.71	2.96	2.38	2.76	3.73	1.14	3.18	5.26	.....	.....	.....
Worland	0.21	0.32	0.84	0.77	1.13	1.66	0.78	0.30	0.76	0.83	0.24	0.17	8.01
Wyncote	0.11	0.64	0.17	0.52	3.09	2.66	3.47	0.71	1.84	1.68	0.35	2.26	17.43
Yellowstone Park	2.60	0.52	2.00	1.21	2.81	2.09	3.11	1.58	1.34	1.68	1.54	0.25	20.76
Bechler River	.....	2.12	2.83	2.04	2.68	.....	3.80	.....	1.47	2.42	2.51	2.06	.....
Fountain	3.92	0.45	1.76	1.40	1.80	2.57	.....	0.21	0.90	1.26	1.40	.....	.....
Gallatin River	1.92	0.64	.....	1.50	1.20	0.65	.....	0.20	0.70	1.33	1.85	0.70	.....
Grand Canyon	.....	0.24	2.00	0.80	0.65	2.40	4.75	0.51	1.41	2.43	2.25	0.35	.....
Lake Yellowstone	3.78	0.64	4.68	2.48	2.68	1.07	6.58	0.88	0.58	1.83	1.98	0.70	27.88
Norris	.....	1.04	3.80	1.10	3.00	2.79	3.44	0.25	1.61	2.48	0.88	.....	.....
Riverside	2.82	0.05	1.18	0.40	1.81	2.37	4.02	1.25	0.96	1.44	2.90	0.40	19.60
Snake River	7.17	5.35	7.10	5.19	3.66	3.73	6.46	1.16	1.78	4.09	3.17	1.24	50.10
Soda Butte	2.10	0.78	1.57	1.24	4.01	4.40	4.52	0.42	0.42	1.50	0.94	0.90	22.90
Sylvan Pass	1.50	0.48	3.15	1.43	3.77	4.83	5.62	1.25	0.79	3.41	2.33	0.15	28.71
Thumb	.....	.....	.....	.....	.....	.....	4.93	0.96	1.00	3.50	2.42	0.30	.....
Tower Falls	2.69	0.36	2.90	0.68	3.03	2.24	3.42	0.82	0.72	1.15	2.90	0.42	21.33
Upper Geyser Basin	3.65	1.44	1.30	0.12	.....	2.09	4.92	0.85	1.43	1.43	2.59	0.40	.....

SNOWFALL, 1913–1914.

Monthly and seasonal snowfall, 1913–1914.

NOTE.—Leaders under heading of months indicate no snow; under annual, report incomplete; T., a trace; *, no report.

[Inches and tenths.]

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Alabama.										
Anniston	.....	.....	.....	T.	T.	4.8	T.	.....	.....	4.8
Ashville	.....	.....	.....	.....	.....	5.0	T.	.....	.....	5.0
Auburn	.....	.....	.....	.....	.....	8.3	T.	.....	.....	8.3
Bermuda	.....	.....	.....	.....	.....	0.5	.....	.....	.....	0.5
Birmingham	.....	T.	.....	T.	.....	4.2	T.	.....	.....	4.2
Decatur	.....	.....	.....	T.	.....	4.0	T.	.....	.....	4.0
Florence	.....	T.	.....	T.	.....	4.8	(*)	.....	.....	.....
Greensboro	.....	.....	.....	.....	.....	6.0	.....	.....	.....	6.0
Hamilton	.....	.....	.....	T.	.....	(*)	(*)	.....	.....	.....
Highland Home	.....	.....	.....	.....	.....	4.0	.....	.....	.....	4.0
Mobile	.....	.....	.....	.....	.....	T.	.....	.....	.....	T.
Montgomery	.....	.....	.....	.....	.....	4.1	.....	.....	.....	4.1
Newbern	.....	.....	.....	.....	.....	5.0	(*)	.....	.....	.....
Oneonta	.....	T.	.....	T.	.....	4.0	T.	.....	.....	4.0
Union Springs	.....	.....	.....	.....	.....	5.4	.....	.....	.....	5.4
Valley Head	.....	T.	1.0	T.	T.	2.0	T.	.....	.....	3.0
Alaska.										
Calder	.....	.....	12.0	3.0	11.0	(*)	(*)	(*)	.....	.....
Copper Center	2.0	3.0	14.0	(*)	1.0	8.0	5.0	3.5	.....	.....
Cordova	.....	T.	25.8	37.9	12.8	10.2	18.6	5.5	.....	110.8
Eagle	T.	4.8	5.6	8.8	4.6	5.4	9.1	5.2	T.	43.5
Fairbanks	1.5	8.8	(*)	2.5	4.5	5.2	16.2	8.8	.....	.....
Fort Liscum	1.0	3.0	59.3	135.3	14.4	51.5	52.9	33.5	9.2	360.1
Ketchikan	.....	.....	4.0	.....	11.5	0.5	.....	.....	.....	16.0
Klukwan	.....	5.0	31.8	45.8	(*)	13.8	27.8	2.0	(*)	.....
Kodiak	.....	T.	2.0	13.0	21.5	2.0	3.5	T.	.....	42.0
Loring	.....	1.5	9.0	1.0	15.5	11.0	0.5	.....	.....	38.5
Nome	.....	2.0	19.0	8.0	7.0	5.0	17.0	8.0	1.0	67.0
Rampart	1.3	10.0	7.4	6.5	0.4	2.7	2.1	3.8	.....	34.2
Sunrise	.....	5.8	22.5	50.4	15.1	13.7	10.4	2.2	.....	120.1
Arizona.										
Allaires Ranch	.....	.....	.....	T.	T.	.....	.....	.....	.....	T.
Alpine	T.	.....	10.0	10.8	12.2	8.5	6.0	3.5	T.	51.0
Ashfork	.....	.....	T.	0.5	1.0	.....	.....	(*)	(*)	.....
Bisbee	.....	.....	.....	1.0	1.5	0.2	1.0	.....	.....	3.7
Blue	.....	.....	.....	10.7	1.0	1.0	0.5	T.	.....	13.2
Carrs Ranch	.....	.....	4.0	16.0	7.0	.....	.....	.....	.....	27.0
Chin Lee	T.	.....	(*)	4.0	T.	T.	T.	T.	.....	.....
Chlarsons Mill	.....	.....	2.9	21.7	1.7	4.9	0.2	T.	.....	31.4
Dos Cabezos	.....	.....	.....	.....	2.0	.....	.....	.....	.....	2.0
Elgin (near)	.....	.....	.....	1.5	0.5	.....	.....	.....	.....	2.0
Flagstaff (Weather Bureau)	T.	.....	3.0	16.0	13.0	2.0	2.6	3.0	T.	39.6
Flagstaff (Fort Valley)	.....	.....	8.0	24.6	17.5	6.2	0.9	.....	.....	57.2
Fort Apache	.....	.....	0.1	13.1	7.0	T.	.....	.....	.....	20.2
Grand Canyon (rim)	T.	.....	3.0	15.8	21.0	11.0	T.	4.1	.....	54.9
Grand View	.....	.....	(*)	23.4	26.0	17.0	T.	(*)	(*)	.....
Greer	1.2	.....	2.5	23.6	11.2	(*)	8.3	3.0	0.8	.....
Jerome	.....	.....	.....	0.5	.....	2.5	.....	.....	.....	3.0
Keams Canyon	5.0	.....	T.	13.8	5.5	T.	1.0	.....	.....	25.3
Kingman	.....	.....	.....	T.	.....	.....	.....	T.	.....	T.
Lakeside	.....	.....	2.0	23.0	7.0	6.0	4.0	1.0	.....	43.0
Lowell Observatory	.....	.....	(*)	16.0	17.4	3.1	T.	5.0	.....	.....

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Arizona—Continued.										
Mocassin	.....	.....	.....	3.0	2.5	.....	.....	.....	.....	5.5
Natural Bridge	.....	.....	.....	6.0	T.	T.	.....	.....	.....	6.0
Nutrioso	.....	.....	0.7	20.7	10.1	8.0	9.5	1.0	T.	50.0
Oracle	.....	.....	.....	7.5	3.0	.....	.....	.....	.....	10.5
Paradise	.....	.....	.....	6.0	.....	.....	.....	.....	.....	6.0
Payson	.....	.....	.....	8.0	3.0	T.	.....	.....	.....	11.0
Pearce (near)	.....	.....	.....	T.	0.5	T.	.....	.....	.....	0.5
Pinal Ranch	.....	.....	1.5	6.0	3.0	.....	.....	.....	.....	10.5
Pinedale	.....	.....	5.0	19.0	3.0	1.0	.....	.....	.....	28.0
Pinto	.....	.....	.....	16.0	T.	T.	.....	.....	.....	16.0
Prescott	.....	.....	T.	2.9	.....	.....	.....	.....	.....	2.9
St. Johns	.....	.....	.....	17.0	2.0	.....	.....	.....	.....	19.0
St. Michaels	1.0	.....	T.	18.0	6.5	T.	2.2	T.	.....	27.7
Seligman	.....	.....	.....	1.1	T.	T.	T.	T.	.....	1.1
Snowflake	.....	.....	T.	4.0	.....	T.	T.	.....	.....	4.0
Springerville	.....	.....	0.5	7.8	4.0	2.0	2.5	.....	T.	16.8
Thomas	.....	.....	1.5	18.4	1.0	3.0	.....	2.0	.....	25.9
Tuba	.....	.....	T.	0.9	0.5	.....	.....	.....	T.	1.4
Williams	.....	.....	4.5	6.9	4.4	1.0	T.	2.1	.....	18.9
Arkansas.										
Amity	.....	.....	.....	.....	6.0	(*)	(*)	.....	.....	.....
Batesville	.....	.....	.....	2.0	0.2	0.1	1.0	.....	.....	3.3
Bee Branch	.....	.....	.....	2.0	0.5	T.	T.	.....	.....	2.5
Bentonville	.....	3.7	.....	6.4	0.3	2.3	4.9	.....	.....	17.6
Bergman	.....	8.0	.....	9.0	5.0	1.0	7.0	.....	.....	30.0
Black Rock	.....	.....	.....	4.0	1.0	5.0	12.0	.....	.....	22.0
Brinkley	.....	.....	.....	T.	T.	.....	.....	.....	.....	T.
Calico Rock	.....	.....	.....	2.0	3.0	5.0	9.0	.....	.....	19.0
Camden	.....	.....	.....	.....	0.1	T.	.....	.....	.....	0.1
Centerpoint	.....	.....	.....	T.	6.0	T.	T.	.....	.....	6.0
Clarendon	.....	.....	.....	T.	T.	.....	.....	.....	.....	T.
Conway	.....	.....	.....	1.0	1.5	T.	T.	.....	.....	2.5
Corning	.....	.....	.....	4.7	0.5	13.7	11.0	.....	.....	29.9
Dardanelle	.....	.....	.....	.....	1.0	.....	.....	.....	.....	1.0
Dodd City	.....	1.2	.....	8.0	7.2	4.5	6.5	.....	.....	27.4
Dutton	.....	7.0	.....	4.0	2.0	T.	10.0	.....	.....	23.0
Eldorado	.....	.....	.....	.....	T.	.....	.....	.....	.....	T.
England	.....	.....	.....	2.0	0.5	T.	.....	.....	.....	2.5
Eureka Springs	.....	6.0	.....	12.0	4.0	0.5	5.0	.....	.....	27.5
Fayetteville	.....	2.0	.....	6.0	5.5	T.	T.	.....	.....	13.5
Fordyce	.....	.....	.....	.....	T.	.....	.....	.....	.....	T.
Fort Smith	.....	T.	.....	5.4	T.	T.	T.	.....	.....	5.4
Georgetown	.....	.....	.....	1.0	T.	T.	T.	.....	.....	1.0
Hardy	.....	T.	4.8	16.6	0.8	12.0	12.0	.....	.....	46.2
Helena	.....	.....	.....	1.5	.....	.....	.....	.....	.....	1.5
Hot Springs	.....	.....	.....	T.	T.	T.	T.	.....	.....	T.
Jonesboro	.....	.....	.....	4.0	0.2	T.	5.8	.....	.....	10.0
Junction	.....	.....	.....	(*)	T.	.....	.....	.....	.....	.....
Lewisville	.....	.....	.....	.....	T.	.....	.....	.....	.....	T.
Little Rock	.....	.....	.....	1.2	0.1	T.	.....	.....	.....	1.3
Lutherville	.....	2.0	.....	0.5	4.0	T.	T.	.....	.....	6.5
Malvern	.....	.....	.....	T.	T.	T.	.....	.....	.....	T.
Mammoth Spring	.....	.....	.....	6.5	5.0	5.0	7.8	.....	.....	24.3
Marked Tree	.....	.....	.....	T.	T.	T.	T.	.....	.....	T.
Mena	.....	.....	.....	3.0	6.2	T.	T.	.....	.....	9.2
Pocahontas	.....	.....	.....	3.0	0.2	0.3	6.0	.....	.....	9.5
Pond	.....	T.	.....	5.0	7.0	1.0	4.0	.....	.....	17.0
Prescott	.....	.....	.....	.....	1.5	.....	.....	.....	.....	1.5
Rogers	.....	3.1	.....	8.5	4.8	1.5	3.5	.....	.....	21.4
Sheridan	(*)	(*)	.....	6.0	.....	.....	.....	.....	.....	.....
Springbank	.....	.....	.....	.....	T.	.....	.....	.....	.....	T.
Stuttgart	.....	.....	.....	T.	T.	.....	.....	.....	.....	T.
Subiaco	.....	T.	.....	T.	0.5	T.	T.	.....	.....	0.5
Swain	.....	4.2	.....	8.7	6.7	T.	6.9	.....	.....	26.5
Texarkana	.....	.....	.....	.....	3.0	.....	.....	.....	.....	3.0
Wiggs	.....	.....	.....	T.	(*)	(*)	T.	.....	.....	.....
Wynne	.....	.....	.....	2.5	1.0	.....	.....	.....	.....	3.5

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
California.										
Alturas	.....	.....	2.0	22.0	14.0	1.0	1.0	.....	.....	40.0
Bear Valley	.....	.....	6.0	T.	10.0	.....	.....	.....	.....	16.0
Bear Valley Dam	.....	.....	22.5	7.5	44.0	25.0	9.0	37.0	.....	145.0
Bishop Creek	.....	.....	21.0	21.0	97.0	38.0	0	5.0	2.0	184.0
Blue Canon	.....	.....	17.0	50.5	97.0	32.0	18.0	1.0	.....	215.5
Boca	.....	.....	10.0	24.0	97.0	28.0	(*)	3.5	0	.....
Bowman's Dam	.....	.....	36.0	58.0	113.0	35.0	11.0	.....	.....	253.0
Bunker Hill	.....	.....	57.0	94.5	126.0	78.0	25.0	26.0	4.0	410.5
Burney	.....	.....	2.0	42.0	28.0	T.	1.0	.....	.....	73.0
Camptonville	.....	.....	3.0	9.0	24.0	8.0	6.0	.....	.....	50.0
Canon Dam	.....	.....	14.5	46.0	102.0	43.5	8.5	T.	.....	214.5
Cedarville	.....	.....	3.0	42.0	16.0	4.0	.....	.....	.....	65.0
Chester	.....	.....	20.0	54.5	97.0	31.8	6.0	0.8	.....	210.1
Cisco	.....	.....	29.0	58.0	182.0	50.0	7.0	3.0	4.0	333.0
Clover Valley	.....	.....	9.0	22.0	85.0	28.0	3.0	.....	.....	147.0
Deer Creek	.....	.....	7.5	19.5	49.0	20.0	14.0	.....	.....	110.0
Dorsey's	.....	.....	52.0	71.0	166.0	42.0	6.0	2.0	.....	339.0
Downieville	.....	.....	2.0	16.2	17.0	3.8	2.0	.....	.....	41.0
Eagle Lake	.....	.....	5.2	49.5	88.0	16.0	2.0	2.0	.....	162.7
Emigrant Gap	.....	.....	19.0	54.0	112.0	35.0	15.0	1.5	.....	236.5
Fredonia	.....	.....	9.0	48.0	130.0	31.0	2.0	.....	.....	220.0
Fordyce Dam	.....	.....	85.5	94.0	147.0	83.0	17.0	22.0	7.0	455.5
Fort Bidwell	.....	.....	4.5	41.0	20.0	4.0	3.0	T.	.....	72.5
Gilta	.....	.....	.....	26.0	42.0	3.0	3.0	.....	.....	74.0
Greenville	.....	.....	7.0	42.0	58.0	15.0	.....	T.	.....	122.0
Hetch Hetchy	.....	.....	1.0	16.0	14.0	0.5	0.2	.....	.....	31.7
Holcomb	.....	.....	15.0	7.6	36.0	16.0	5.0	26.0	.....	105.6
Hume	.....	.....	7.0	22.0	48.9	0	4.0	.....	.....	77.9
Inskip	.....	.....	11.2	73.0	90.0	35.5	21.5	T.	.....	231.2
Lake Eleanor	.....	.....	6.0	31.0	55.0	8.0	6.5	1.0	.....	107.5
Lake Spaulding	.....	.....	18.5	47.0	102.0	31.0	12.0	.....	.....	210.5
La Porte	.....	.....	26.8	52.5	66.0	31.5	13.0	0.7	.....	190.5
Letter Box	.....	.....	41.0	79.0	127.0	67.0	38.2	1.0	.....	353.2
McCloud	.....	.....	4.0	38.2	108.0	6.0	27.0	1.0	.....	184.2
Macdoel	.....	.....	4.8	62.9	21.0	0	2.2	3.0	.....	93.9
Pilot Creek	.....	.....	6.0	22.5	20.0	13.0	15.0	.....	.....	76.5
Ruth	.....	.....	1.0	23.0	42.0	7.0	6.0	.....	.....	79.0
Quincy	.....	.....	2.0	22.5	24.0	3.0	.....	.....	.....	51.5
Seven Oaks	.....	.....	6.0	6.0	11.0	3.0	5.0	24.0	.....	35.0
Sierra City	.....	.....	8.0	30.0	65.0	18.0	10.0	.....	.....	131.0
Sierraville	.....	.....	1.0	19.0	68.0	20.5	.....	.....	.....	108.5
Sisson	.....	.....	17.0	47.0	109.0	19.0	33.0	.....	.....	225.0
Soda Springs	.....	.....	30.0	100.0	80.0	82.0	6.0	6.5	5.0	309.5
Springville	.....	.....	12.0	7.0	6.0	.....	.....	.....	.....	25.0
Squirrel Inn	.....	.....	2.0	T.	3.0	1.0	T.	24.0	.....	30.0
Stirling City	.....	.....	8.0	32.0	29.5	9.0	10.0	.....	.....	88.5
Summit	.....	T.	62.5	92.0	180.0	63.0	8.5	21.0	6.0	433.0
Susanville	.....	.....	0.8	46.0	44.0	.....	.....	.....	.....	90.8
Table Rock	.....	.....	50.0	77.0	.....	61.0	22.0	10.0	.....	.....
Tamarack	.....	.....	63.0	109.0	222.0	40.0	25.0	18.0	.....	477.0
Towle	.....	.....	2.0	11.0	25.5	9.0	8.0	.....	.....	55.5
Truckee	.....	.....	19.0	42.0	156.5	38.0	2.0	6.0	0	263.0
Weitchpec	.....	.....	T.	26.5	8.0	0.5	T.	.....	.....	35.0
West Branch	.....	.....	5.0	17.2	26.0	7.0	7.4	.....	.....	62.6
Yosemite	.....	.....	1.0	16.5	60.0	2.5	1.0	0.5	.....	81.5
Colorado.										
Arriba (near)	.....	1.8	4.0	22.8	0.5	3.5	1.5	2.7	T.	36.8
Ashcroft	3.0	11.0	14.5	18.0	(*)	(*)	19.0	10.0	.....	.....
Aspen	.....	.....	.....	.....	.....	25.5	12.5	11.0	4.0	.....
Auldhurst	3.0	13.9	6.6	54.5	6.4	8.3	13.7	19.9	4.0	130.3
Blanca	.....	.....	.....	(*)	0.8	.....	(*)	(*)	.....	.....
Blue Valley Ranch	0.1	12.0	2.0	12.0	22.0	6.0	9.0	0.5	T.	63.6
Boulder	.....	9.0	0	52.5	.....	1.7	26.9	14.8	.....	104.9
Buena Vista (near)	.....	T.	3.0	9.2	20.0	T.	15.0	11.0	8.0	66.2
Burlington	.....	T.	.....	26.0	T.	2.0	.....	T.	.....	28.0
Calhan	.....	1.5	1.0	37.0	2.3	0.7	6.0	14.0	.....	62.5
Canon City	0	6.5	1.0	31.2	2.5	3.0	10.7	5.5		60.4

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Colorado—Continued.										
Cascade	16.2	3.0	29.5	59.5	100.0	24.7	16.3	16.6	8.0	273.8
Cassells	4.5	5.1	10.2	38.8	5.9	1.6	11.4	23.0	5.0	105.5
Castle Rock	T.	7.5	6.0	43.5	1.0	7.0	5.5	2.5	.....	73.0
Cedaredge	.....	.....	2.0	23.7	10.0	8.0	.....	.....	6.0	49.7
Cheesman	T.	5.9	1.0	48.2	T.	0.8	10.4	15.9	T.	82.2
Cheyenne Wells	.....	T.	0.1	9.5	2.1	2.0	T.	0.5	.....	14.2
Cochetopa	4.5	3.0	0.3	8.0	10.3	4.5	2.0	3.5	3.5	39.6
Collbran	.....	2.0	4.0	32.5	17.5	15.0	6.1	7.0	3.5	87.6
Colorado Springs	T.	0.4	.....	24.6	0.8	0.4	3.0	4.3	.....	33.5
Columbine	4.0	27.5	18.0	19.0	34.0	26.0	16.0	20.0	6.0	170.5
Columbine Ranch	T.	8.0	6.5	24.7	56.6	11.0	2.0	17.0	9.0	134.8
Cortez	2.0	.....	T.	31.0	19.5	10.5	2.0	(*)	.....	.....
Crawford (near)	.....	.....	2.0	30.0	25.0	10.0	.....	4.0	.....	71.0
Crested Butte	5.0	7.0	11.5	24.0	118.0	34.0	14.0	.....	.....	213.5
Cripple Creek	6.0	10.0	4.0	42.4	11.5	2.9	15.6	15.8	2.0	110.2
Cuchara Camps	8.0	8.5	14.5	64.0	7.0	16.0	28.5	23.0	3.0	172.5
Cumbres	10.5	3.5	25.0	39.5	49.5	27.5	16.0	28.5	6.5	206.5
Delta	.....	.....	0.4	18.5	1.5	3.0	.....	.....	.....	23.4
Denver	4.0	8.6	2.8	57.4	0.4	5.6	11.1	9.0	T.	98.9
Dillon	T.	7.0	4.5	35.0	27.5	14.0	8.2	26.0	8.5	130.7
Durango	T.	.....	1.0	38.9	55.0	7.3	6.3	T.	.....	108.5
Eads	.....	T.	.....	9.7	3.0	4.0	.....	T.	.....	16.7
Edgewater	1.0	8.2	3.0	.....	.....	3.1	17.6	7.6	.....	.....
Estes Park Fish Hatchery	12.0	3.0	4.0	56.0	9.0	2.0	15.0	4.0	12.0	117.0
Eureka	9.0	2.0	13.0	25.0	71.0	17.0	13.0	18.0	10.0	178.0
Fairview	.....	16.5	18.5	94.0	18.5	17.0	62.0	26.0	.....	252.5
Fort Collins	T.	T.	1.5	38.8	1.3	3.8	0.7	T.	.....	46.1
Fort Lupton	2.0	2.0	2.0	30.0	3.0	2.0	3.0	3.0	.....	47.0
Fort Morgan	.....	T.	4.0	7.0	.....	4.5	.....	2.8	.....	18.3
Frances	7.5	27.5	13.2	85.2	33.6	.....	41.9	46.8	7.0	.....
Fraser	5.0	7.0	5.4	39.0	27.0	7.5	5.5	15.4	6.5	118.3
Fremont Experiment Station	5.2	10.5	3.7	54.1	(*)	(*)	(*)	29.1	14.3	.....
Fruita (near)	.....	.....	.....	12.4	8.8	3.4	T.	.....	.....	24.6
Fry's Ranch	8.0	6.0	3.0	65.0	8.5	6.0	5.0	13.0	3.0	117.5
Garfield	3.5	6.0	10.0	31.7	44.0	13.3	18.7	23.0	10.0	160.2
Garnett	.....	.....	2.5	8.0	2.5	T.	1.5	5.0	.....	19.5
Georgetown	7.5	18.0	11.5	87.0	11.5	2.0	26.5	25.8	6.0	195.8
Glade Park	0.5	1.0	8.0	11.0	9.7	5.9	4.5	4.0	.....	44.6
Gladstone	14.3	15.2	28.7	52.0	119.6	30.4	18.0	34.5	8.7	321.4
Glenwood Springs (near)	.....	3.0	.....	9.0	9.0	2.0	.....	.....	.....	23.0
Grand Junction	.....	.....	1.0	12.4	6.5	2.9	T.	.....	.....	22.8
Grandlake	3.0	17.0	10.5	50.0	38.0	16.5	8.0	11.8	3.5	158.3
Grand Valley	.....	T.	1.0	15.7	7.7	1.0	T.	.....	(*)	.....
Greeley	(*)	.....	T.	34.3	.....	3.0	2.7	8.0	.....	.....
Grover (near)	T.	T.	0.2	16.0	T.	3.5	3.5	3.5	.....	26.7
Gunnison	T.	T.	0.2	14.2	34.0	8.8	4.7	7.0	3.0	71.9
Hamps	.....	0.5	2.0	21.5	3.5	6.0	5.0	2.2	.....	40.7
Hartsel	T.	4.0	5.5	21.8	4.1	0.5	7.4	11.2	.....	54.5
Hawthorne	1.0	14.0	5.0	55.0	.....	2.0	34.0	17.0	1.5	129.5
Hayden	2.0	4.0	6.0	17.0	30.0	14.0	8.0	T.	.....	81.0
Hermit	4.5	4.0	23.5	28.2	30.0	6.0	6.0	10.5	9.0	121.7
Hermit Lake	13.0	19.0	22.0	59.0	39.0	37.0	52.0	47.0	25.0	313.0
Hesperus (near)	2.0	T.	(*)	28.5	26.5	12.5	7.0	9.0	0.5	.....
Hoehne (near)	T.	T.	4.0	31.0	4.0	3.7	5.5	3.0	T.	51.2
Holly	.....	.....	.....	4.3	1.0	0.5	(*)	.....	.....	.....
Holyoke (near)	.....	.....	.....	8.0	0.5	4.0	.....	2.0	.....	14.5
Horsefly	2.0	4.0	22.6	35.3	49.0	21.0	21.2	15.7	(*)	.....
Idaho Springs	4.0	13.5	8.0	65.0	6.2	2.7	23.2	80.0	6.0	138.6
Ironton	10.2	9.2	10.0	27.0	56.0	41.0	4.0	19.0	2.0	179.1
Julesburg	.....	.....	.....	8.5	1.4	3.3	T.	.....	.....	13.2
Kersey	.....	.....	.....	28.8	.....	3.0	4.0	.....	.....	35.8
La Junta	.....	.....	5.5	29.9	T.	4.6	5.0	T.	.....	45.0
Lake City	3.7	6.0	4.6	31.6	27.6	17.8	13.3	6.6	2.0	113.2
Lake Moraine	.....	18.5	7.5	76.0	27.0	17.0	40.0	50.0	8.0	244.0
Lamar	.....	.....	.....	4.2	2.5	3.5	2.5	.....	.....	12.7
La Porte	T.	1.0	0.2	40.0	0.5	1.5	2.0	10.0	.....	55.2
Las Animas	.....	.....	7.0	13.9	(*)	(*)	(*)	(*)	(*)	.....
La Veta Pass	8.0	9.0	9.0	30.0	5.0	16.4	28.5	35.0	2.0	142.9
Lay	.....	4.0	6.5	14.0	24.5	18.5	4.5	T.	.....	72.0

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Colorado—Continued.										
Leadville	2.4	14.5	8.9	23.7	33.4	10.6	12.7	25.0	10.9	142.1
Le Roy (near)	T.	3.5	.....	15.9	0.7	4.1	0.8	3.0	T.	28.0
Limon (near)	T.	2.0	2.0	13.0	2.0	1.0	1.5	0.5	.....	22.0
Longmont	.....	0.8	4.8	29.8	1.7	2.0	4.8	7.5	.....	51.4
Long's Peak (near)	11.0	15.0	15.0	69.0	27.0	18.0	20.0	46.0	9.0	230.0
Madrid	.....	1.0	3.0	31.2	5.5	7.0	7.0	6.0	7.0	67.7
Manassa	2.0	.....	2.0	8.0	T.	(*)	.....	2.0	.....	.....
Mancos	2.0	.....	.....	26.5	18.5	8.0	7.0	(*)	(*)	.....
Marble	6.5	14.4	7.0	24.0	52.0	26.0	10.0	23.0	12.0	174.9
Marshall Pass	8.0	4.0	7.0	28.0	24.0	17.0	11.0	20.0	15.0	134.0
Maxey (near)	.....	4.5	0.2	50.0	5.0	9.0	6.7	.....	.....	75.4
Meeker (near)	1.5	3.4	6.0	11.5	11.0	12.5	6.5	.....	.....	52.4
Merino	.....	T.	3.0	12.0	T.	5.0	.....	2.0	.....	22.0
Montrose	.....	4.0	2.1	26.3	5.4	5.7	0.7	1.0	.....	45.2
Monument	1.0	13.0	3.0	48.0	3.0	7.5	18.3	21.0	.....	114.8
Moraine	8.0	.....	T.	58.0	17.0	.....	8.0	28.0	2.0	121.0
Nast	1.0	13.4	9.0	11.6	50.9	18.5	11.5	17.2	16.5	149.6
North Lake	6.0	3.5	7.5	35.5	4.0	15.5	32.0	30.5	6.0	140.5
Pagosa Springs	2.8	T.	2.2	28.8	22.8	4.5	6.5	6.3	T.	73.9
Palisades	.....	.....	T.	12.1	5.6	8.0	T.	.....	.....	25.7
Paonia	.....	2.0	1.0	21.5	17.0	7.5	T.	.....	2.0	51.0
Pitkin	3.0	2.0	2.0	17.5	41.0	8.5	5.5	8.0	4.0	91.5
Platoro	15.0	13.0	27.2	38.3	37.4	16.5	18.1	23.0	8.5	197.0
Platte Canon	(*)	(*)	3.0	(*)	T.	8.5	19.3	11.5	T.	.....
Pueblo	.....	T.	1.0	18.2	1.6	5.7	3.6	2.3	.....	32.4
Redcliffe	2.2	13.1	(*)	12.3	43.1	27.2	16.3	18.0	16.9	.....
Redvale	.....	T.	4.0	20.0	11.0	9.5	3.0	T.	.....	47.5
Rico	10.0	1.5	8.7	39.5	77.0	13.0	7.0	10.0	3.5	170.2
Rifle	.....	.....	2.0	25.5	9.5	5.3	0.3	.....	T.	42.6
River Portal	.....	1.0	14.0	28.0	24.8	14.3	1.0	5.0	3.0	91.1
Rocky Ford (near)	.....	3.0	8.0	17.0	.....	(*)	T.	.....	(*)	.....
Saguache	T.	T.	T.	10.1	6.5	1.0	3.8	5.5	T.	26.9
St. Cloud	7.0	9.2	4.0	45.0	3.2	3.5	8.5	6.0	.....	86.4
St. Elmo	3.5	3.0	12.5	47.5	38.0	8.0	13.0	9.0	5.5	140.0
Salida	.....	1.0	1.0	34.0	1.0	3.5	10.5	4.0	4.0	59.0
San Luis	2.0	.....	6.1	7.6	2.7	0.8	3.6	19.1	2.0	43.9
Sapinero (near)	2.5	8.0	4.2	29.8	49.4	28.1	10.9	18.7	9.9	161.5
Sedgwick	.....	(*)	(*)	(*)	.....	1.5	T.	T.	.....	.....
Shoshone	.....	5.0	3.0	24.5	30.5	16.0	3.0	.....	.....	82.0
Silver Lake	10.0	35.5	21.5	86.5	68.0	(*)	56.5	57.5	25.0	.....
Silverton (near)	6.0	2.0	20.6	28.1	64.5	19.0	6.0	10.2	4.2	160.6
Spicer (near)	2.0	11.0	11.0	8.0	23.8	2.5	2.5	T.	.....	60.8
Spruce Lodge	19.0	28.0	22.0	(*)	56.1	(*)	(*)	(*)	13.0	.....
Steamboat Springs	1.0	5.3	7.0	(*)	56.1	33.2	14.0	2.0	.....	.....
Sterling	.....	T.	T.	10.0	0.5	5.5	T.	2.5	.....	18.5
Stonewall	T.	1.0	7.0	34.5	2.4	2.0	12.9	18.5	4.0	82.3
Tacoma	T.	.....	3.0	37.7	47.8	5.8	1.5	2.5	T.	98.3
Telluride	9.1	5.8	11.0	38.5	52.5	26.0	13.2	30.0	6.5	192.6
Terminal Dam	5.0	1.0	22.7	49.2	66.9	12.2	9.9	13.0	4.0	183.9
Trinidad	.....	4.5	4.5	47.9	8.5	8.5	11.2	14.0	10.0	109.1
Two Buttes	.....	T.	2.0	8.1	0.3	3.0	0.8	.....	.....	14.2
Two Buttes Reservoir	.....	5.0	2.0	11.0	T.	1.5	(*)	2.0	.....	.....
Victor (near)	4.2	9.5	5.0	51.2	7.5	3.0	16.5	18.5	9.8	125.2
Wagon Wheel Gap Experiment Station	6.9	3.4	20.4	30.4	30.9	7.8	9.3	7.5	6.4	123.0
Waterdale	.....	.....	.....	52.0	2.0	4.5	2.0	.....	.....	60.5
Westcliffe	4.0	5.0	3.0	19.5	1.2	5.0	12.0	14.0	4.5	68.2
Woodman Sanatorium	.....	0.3	0.6	42.0	0.2	2.5	5.0	9.7	.....	60.3
Wortman	.....	45.7	29.4	61.0	48.9	37.8	27.2	54.7	25.8	330.5
Wray	.....	T.	.....	(*)	0.5	5.2	T.	2.5	.....	.....
Yampa (near)	T.	T.	9.3	(*)	(*)	20.5	10.4	16.3	(*)	.....
Yoder	1.0	1.0	0.4	22.0	T.	1.5	2.0	2.0	T.	29.9
Yuma	.....	T.	.....	4.5	.....	1.0	0.5	2.0	.....	26.0
Connecticut.										
Canton	.....	.....	3.0	3.0	6.0	24.0	9.5	T.	.....	44.5
Hartford	.....	T.	0.7	1.5	5.7	27.8	5.9	T.	.....	41.6
New Haven	.....	T.	0.4	0.2	13.7	20.3	5.0	T.	.....	39.6
Norwalk	.....	.....	T.	0.5	7.5	13.0	4.0	.....	.....	25.0
Voluntown	.....	.....	.....	(*)	2.0	10.0	5.5	.....	.....	.....

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Delaware.										
Delaware City			T.	T.	T.	3.5	14.3			17.8
Dover				T.	T.	10.0	23.0			33.0
Milford				T.	T.	12.5	19.0	T.		31.5
Millsboro				T.	T.	12.0	22.3			34.3
Seaford				T.	T.	9.3	19.0	T.		28.3
Wilmington					0.7	13.0	13.3			27.0
District of Columbia.										
Washington				T.	T.	9.3	19.3			28.6
Florida.										
No snowfall.										
Georgia.										
Abbeville						1.3				1.3
Adairsville		T.			T.	2.5	T.			2.5
Albany						T.				T.
Americus						4.0				4.0
Athens		T.				6.0	0.5			6.5
Atlanta		T.	T.	T.	T.	3.1	1.3			4.4
Augusta						10.5	T.			10.5
Butler						8.5				8.5
Camak		T.				7.5	T.			7.5
Canton		T.	T.		T.	2.5	1.5			4.0
Carlton						5.0	1.2			6.2
Clayton		T.	T.		1.5	2.0	1.0			4.5
Columbus			T.			9.0				9.0
Concord						8.0				8.0
Covington			T.			4.5	0.5			5.0
Dahlonega		T.	T.		2.7	3.5	1.5			7.7
Dublin						6.5				6.5
Eastman						4.5				4.5
Eatonton						8.3				8.3
Elberton		T.	T.			7.0	1.0			8.0
Gainesville					1.5	3.0	0.8			5.3
Gillsville		T.	T.		T.	8.2	1.0			9.2
Glennville						1.5				1.5
Gore			T.		T.	1.8	(*)			------
Greensboro		T.				5.2	0.2			5.4
Griffin						7.0	T.			7.0
Harrison		(*)	(*)			8.0				------
Hartwell			(*)			5.0	0.5			5.5
Hawkinsville						6.0				6.0
Lisbon		T.				6.0	3.0			9.0
Lost Mountain		T.			T.	2.2	1.4			3.6
Louisville						9.0				9.0
Lumber City						2.0				2.0
Lumpkin						4.0				4.0
Macon						6.9	T.			6.9
Marshallville						6.0	T.			6.0
Milledgeville						9.0				9.0
Millen						6.0	T.			6.0
Montezuma						5.1				5.1
Monticello						5.6				5.6
Newnan						4.5				4.5
Norcross						2.5	1.0			3.5
Point Peter						4.5	2.0			6.5
Putnam						4.0				4.0
Ramhurst			T.	T.	T.	1.0	T.			1.0
Resaca						2.5	T.			2.5
Rome		T.	T.			2.5	T.			2.5
St. George						T.				T.
Savannah						0.5				0.5
Statesboro						3.0				3.0
Talbotton						10.0				10.0
Tallapoosa			T.	T.		4.0	T.			4.0
Thomasville										0.0
Toccoa		T.	T.		3.0	5.0	1.0			9.0

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Georgia—Continued.										
Washington	.....	.....	.....	.....	.....	5.5	0.5	.....	.....	6.0
Waycross	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Waynesboro	.....	.....	.....	.....	.....	11.2	(*)	.....	.....	.....
West Point	.....	.....	.....	.....	.....	8.0	.....	.....	.....	8.0
Woodbury	.....	.....	.....	.....	.....	6.0	.....	.....	.....	6.0
Idaho.										
Almo	.....	.....	0.8	4.5	1.0	(*)	T.	.....	.....	.....
American Falls	.....	.....	11.0	11.0	12.0	6.0	(*)	.....	.....	.....
Arrowrock	.....	0.8	6.7	22.0	11.0	5.5	T.	.....	.....	46.0
Avery	(*)	(*)	(*)	2.7	28.5	19.8	T.	.....	.....	.....
Blackfoot	.....	1.2	1.0	8.0	19.4	7.3	2.0	.....	.....	38.9
Blackfoot Dam	T.	14.0	4.5	10.0	31.0	17.0	9.0	T.	T.	85.5
Bogus Creek	.....	4.5	11.5	22.0	10.0	13.2	5.0	0.7	.....	66.9
Boise	.....	T.	1.8	19.2	1.0	2.8	1.2	.....	.....	26.0
Boise King	.....	4.0	13.3	14.5	63.0	25.0	4.0	1.0	.....	124.8
Bonners Ferry	.....	.....	12.0	6.0	25.0	4.0	17.0	.....	.....	64.0
Boulder Mine	.....	7.8	17.4	39.7	50.5	22.8	6.4	1.8	.....	146.4
Buhl	.....	T.	4.0	8.0	4.7	2.5	0.2	.....	.....	19.4
Burke	(*)	(*)	(*)	6.9	67.3	34.0	26.0	1.0	2.5	.....
Caldwell	.....	.....	2.0	23.0	0.5	0.8	T.	.....	.....	26.3
Caldwell Experiment Station	.....	.....	1.8	(*)	(*)	0.6	.....	.....	.....	.....
Cambridge	.....	.....	0.2	18.6	25.2	2.0	0.8	.....	.....	46.8
Challis	(*)	(*)	(*)	(*)	5.4	1.3	1.0	.....	T.	.....
Chesterfield	T.	1.5	1.0	11.0	22.0	5.5	9.0	1.0	.....	51.0
Clarks Fork	.....	.....	4.5	1.0	26.7	17.2	6.0	.....	.....	55.4
Cœur d'Alene	.....	.....	3.0	3.5	9.0	15.0	3.0	.....	.....	33.5
Cottonwood Creek	(*)	(*)	(*)	32.4	16.5	6.4	1.5	.....	.....	.....
Council	.....	4.0	4.5	15.5	27.2	(*)	.....	.....	.....	.....
Culdesac	.....	.....	3.3	7.9	11.0	4.0	.....	T.	.....	26.2
Deary	.....	0.5	7.0	10.0	25.9	11.7	2.7	3.0	4.0	64.8
Driggs	T.	3.0	3.5	6.0	10.5	8.5	5.0	5.0	(*)	.....
Emmett	.....	.....	2.0	18.0	T.	1.8	.....	.....	.....	21.8
French Gulch	(*)	(*)	(*)	(*)	27.1	29.5	28.3	5.0	3.5	.....
Garnet	.....	.....	.....	8.0	.....	3.0	.....	.....	.....	11.0
Geneva	T.	T.	10.0	11.0	36.0	21.0	8.0	.....	.....	86.0
Glenns Ferry	.....	.....	T.	13.5	6.2	2.0	T.	.....	.....	21.7
Gooding	.....	.....	3.2	20.5	8.7	1.8	T.	.....	.....	34.2
Grace	T.	.....	(*)	11.0	(*)	5.9	(*)	T.	.....	.....
Grandview	.....	.....	.....	8.0	T.	2.5	.....	.....	.....	10.5
Grimes Pass	T.	13.5	12.0	39.6	40.1	18.0	7.9	1.9	.....	133.0
Guffey	.....	.....	T.	9.5	T.	1.0	T.	.....	.....	10.5
Hailey	T.	5.0	15.5	31.2	44.7	10.6	0.6	T.	.....	107.6
Hollister	.....	T.	2.5	6.4	4.0	4.9	1.7	.....	.....	19.5
Hotspring	.....	.....	T.	12.0	.....	3.0	.....	.....	.....	15.0
Idaho City	(*)	(*)	10.5	34.8	(*)	(*)	2.6	.....	.....	.....
Idaho Falls	.....	6.0	2.0	14.0	9.0	5.3	T.	.....	.....	36.3
Indian Cove	.....	.....	T.	16.0	T.	2.0	.....	.....	.....	18.0
Indian Valley	.....	T.	4.3	21.7	13.9	4.8	.....	.....	.....	44.7
Irwin	.....	.....	0.2	7.0	12.9	17.0	4.5	.....	.....	41.6
Kellogg	.....	T.	2.5	4.0	14.7	16.5	6.5	.....	.....	44.2
Kilgore	1.5	12.3	(*)	15.9	26.6	(*)	(*)	(*)	(*)	.....
Kirkham	T.	5.0	12.0	31.5	26.1	16.0	3.0	.....	.....	93.6
Kooskia	.....	.....	(*)	8.0	4.0	3.0	T.	.....	.....	.....
Lakeview	.....	.....	2.0	9.0	23.0	20.0	6.0	.....	.....	60.0
Landore	T.	18.2	39.8	31.4	75.2	28.4	11.2	10.6	0.5	215.3
Lewiston	.....	.....	0.2	6.5	1.8	1.8	.....	.....	.....	10.3
Little Camas	T.	8.0	17.9	44.0	35.7	12.3	0.5	0.5	.....	118.9
Loon Creek	(*)	T.	7.5	7.5	42.8	6.7	6.0	T.	T.	.....
Mackay	.....	T.	4.0	2.0	25.0	13.2	T.	.....	.....	44.2
Meridian	.....	T.	1.5	25.0	3.2	3.1	0.3	.....	.....	33.1
Mesa	.....	T.	8.8	22.2	23.8	4.3	0.2	.....	.....	59.3
Middle Fork	.....	.....	(*)	5.7	3.0	15.0	(*)	.....	.....	.....
Milner	.....	T.	2.2	13.5	6.6	6.0	(*)	.....	.....	.....
Moscow	.....	T.	8.0	11.7	18.3	6.5	T.	T.	T.	44.5
Mountainhome	.....	.....	T.	8.0	3.0	4.0	T.	.....	.....	15.0
Murtaugh	.....	.....	4.0	20.0	3.0	4.0	0.5	.....	.....	31.5
Musselshell	(*)	(*)	(*)	11.8	47.0	31.3	13.3	1.5	2.0	.....
New Meadows	.....	4.5	14.5	23.0	31.2	19.1	3.0	T.	T.	95.3

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Idaho—Continued.										
Nezperce	.....	T.	T.	13.0	16.0	14.0	7.0	3.0	4.0	57.0
Oakley	.....	.....	0.2	10.0	3.0	8.0	T.	.....	.....	21.2
Orofino	.....	.....	2.0	9.7	2.7	24.0	.....	.....	.....	38.4
Paris	T.	2.0	4.0	8.2	(*)	(*)	(*)	(*)	(*)	.....
Payette	.....	.....	T.	21.1	0.9	T.	T.	.....	.....	22.0
Pierson	.....	2.0	9.0	11.0	41.0	12.0	4.0	.....	(*)	.....
Pine	.....	14.0	5.0	58.9	68.4	14.1	0.5	T.	.....	160.9
Pleasant Valley	.....	T.	0.8	19.6	3.3	4.0	0.4	.....	.....	28.1
Pocatello	T.	1.3	1.5	5.9	10.8	9.6	6.8	0.1	T.	36.0
Pollock	(*)	(*)	(*)	(*)	(*)	6.0	1.0	T.	.....	.....
Poplar	.....	8.0	3.0	6.0	3.0	9.0	4.0	.....	.....	33.0
Porthill	.....	.....	6.0	7.2	42.0	11.0	18.0	.....	.....	84.2
Priest River Experiment Station No. 1	.....	0.5	16.6	10.4	40.4	17.6	7.8	T.	.....	93.3
Priest River Experiment Station No. 2	.....	T.	12.2	9.7	34.0	13.7	4.9	.....	.....	74.5
Priest River Experiment Station No. 3	.....	0.5	15.0	10.0	36.1	17.0	4.2	T.	.....	82.8
Pyle Creek	.....	3.0	5.8	27.2	22.6	9.9	T.	.....	.....	68.5
Rattlesnake	.....	.....	5.3	29.0	11.7	4.4	T.	.....	.....	50.4
Richfield	.....	T.	5.5	19.0	15.9	4.5	0.5	.....	.....	45.4
Roseworth	.....	.....	9.2	12.1	2.5	6.2	1.5	.....	.....	31.5
Rupert	.....	T.	3.8	16.2	5.5	1.0	T.	.....	.....	26.5
St. Michaels Priory	.....	4.1	11.0	6.9	28.8	20.8	10.4	2.3	1.5	85.8
Salmon	.....	T.	0.7	3.8	5.3	5.8	1.5	.....	T.	17.1
Sandpoint	.....	.....	7.5	10.0	45.0	20.0	9.0	.....	.....	91.5
Sheep Hill	.....	14.5	16.0	45.6	39.8	15.6	3.5	T.	.....	135.0
Shoshone	.....	T.	7.0	10.5	7.2	2.0	T.	T.	.....	26.7
Silver City	.....	3.1	8.3	17.5	17.4	8.4	0.5	4.5	.....	59.7
Soldier Creek	.....	11.0	21.0	35.5	56.9	14.7	1.2	T.	.....	140.3
Springfield	.....	T.	1.6	14.4	9.2	8.3	3.6	.....	.....	37.1
Spring Hill	T.	1.5	6.7	23.0	2.5	5.6	2.2	0.2	.....	41.7
Sugar	T.	3.0	1.5	21.0	14.0	13.0	3.5	.....	.....	56.0
Tripod Mountain	.....	4.5	8.3	24.5	16.0	10.6	3.0	T.	.....	66.9
Twin Falls	.....	.....	8.0	16.0	2.0	T.	T.	.....	.....	26.0
Vernon	T.	5.0	(*)	6.0	13.3	10.0	(*)	(*)	(*)	.....
Weiser	.....	.....	.....	24.5	4.0	1.0	.....	.....	.....	29.5
Wendell	.....	T.	3.5	26.0	2.5	0.3	.....	.....	.....	32.3
Weston	.....	.....	T.	11.5	11.5	2.5	5.5	.....	.....	31.0
Whitebird	(*)	(*)	(*)	4.6	(*)	14.0	.....	.....	.....	.....
Illinois.										
Aledo	.....	1.0	.....	3.0	5.0	8.0	0.5	T.	.....	17.5
Alexander	.....	1.2	T.	2.5	10.9	12.1	4.2	T.	.....	30.9
Bloomington	.....	0.5	T.	2.5	11.0	12.5	5.0	.....	.....	31.5
Cairo	.....	T.	.....	1.8	0.2	3.9	3.5	T.	.....	9.4
Camp Point	.....	1.7	.....	6.2	3.7	15.0	1.9	T.	.....	28.5
Carlinville	.....	0.5	.....	3.0	6.0	22.5	4.2	T.	.....	36.2
Charleston	.....	1.0	T.	1.0	8.0	12.5	2.8	.....	.....	25.3
Chicago	.....	1.9	T.	2.7	14.8	7.2	1.2	0.1	.....	27.9
Greenville	.....	0.3	T.	4.0	1.0	18.3	2.0	.....	.....	25.6
Joliet	.....	4.0	0.3	2.4	13.6	6.1	2.2	0.5	.....	29.1
Minonk	.....	T.	T.	6.0	8.0	6.0	2.0	.....	.....	22.0
Mount Carmel	.....	1.0	0.3	3.0	2.5	17.7	7.4	.....	.....	31.9
New Burnside	.....	0.5	.....	4.5	1.3	5.5	6.7	.....	.....	18.5
Oregon	.....	4.0	.....	3.0	7.1	8.0	3.0	T.	.....	25.1
Ottawa	.....	0.5	.....	2.0	8.0	9.0	1.0	.....	.....	20.5
Palestine	.....	T.	T.	0.2	5.5	13.5	2.0	T.	.....	21.2
Peoria	.....	0.2	T.	3.0	8.6	12.2	1.1	T.	.....	25.1
Riley	.....	3.0	0.2	1.4	5.4	7.2	3.4	T.	.....	20.6
Springfield	.....	0.9	T.	3.0	14.5	18.4	6.2	T.	.....	43.0
Indiana.										
Butlerville	.....	.....	1.5	3.1	8.0	23.5	7.4	.....	.....	43.5
Collegeville	.....	0.8	T.	2.5	5.3	7.0	T.	T.	.....	15.6
Evansville	.....	T.	0.2	2.8	2.5	12.5	7.4	.....	.....	25.4
Fort Wayne	.....	1.6	0.7	3.1	15.0	11.4	4.1	T.	.....	35.9
Greensburg	.....	T.	0.5	1.0	5.5	(*)	1.5	.....	.....	.....
Howe	.....	2.0	3.0	0.5	14.5	18.5	2.0	T.	.....	40.5
Indianapolis	.....	T.	1.2	0.4	9.6	20.1	2.0	T.	.....	33.3
Kokomo	.....	T.	3.0	T.	8.1	4.5	(*)	.....	.....	.....

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Indiana—Continued.										
Lafayette		T.	T.	T.	4.2	13.7	1.4	0.1		19.4
Laporte		3.0	5.0	7.0	20.8	18.5	4.9	1.3		60.5
Madison		T.	2.0	0.2	0.2	22.3	5.5	T.		30.2
Mauzy		0.5	1.5	2.0	7.5	10.2	6.2	T.		27.9
Richmond		T.	1.9	1.2	8.5	12.7	3.9	T.		28.2
Scottsburg		T.	T.	2.0	2.5	21.0	5.5			31.0
South Bend		2.0	12.0	4.0	23.5	20.0	12.5	1.0		75.0
Terre Haute		0.8	T.	0.1	7.0	17.5	2.6	T.		28.0
Vevay	T.	T.	2.0	2.5	2.0	22.0	6.5			35.0
Iowa.										
Afton		T.		2.0	1.5	13.5	4.0	1.0		22.0
Albia		T.		0.8	2.5	13.0	T.			16.3
Algona		6.0	1.0	T.	6.5	12.5	2.0	T.	T.	28.0
Allerton		T.		3.8	3.2	18.0	0.5			25.5
Alta		2.0	1.0		5.3	8.5	1.3	1.5		19.6
Alta (near)		1.0	1.0		7.0	8.0	0.5	0.8		18.3
Alton		2.0		T.	6.2	6.7	0.5	3.0		18.4
Amana		2.5		0.6	4.7	6.1	1.8	T.		15.7
Atlantic		T.	T.	0.8	3.2	7.6	2.0	0.5		14.1
Audubon		T.		0.5	6.2	6.6	0.5	0.2		14.0
Baxter		2.0	0.2	0.5	5.5	11.1	3.0	0.5		22.8
Bedford		T.		7.6	2.7	6.5	2.0	T.		18.8
Belle Plaine		1.5		T.	4.9	9.0	0.8	T.		16.2
Belmond		3.0	2.0	0.5	7.8	5.8	2.3	0.8		22.2
Bloomfield		1.5		6.0	2.0	15.5	2.1	T.		27.1
Bonaparte		3.5		6.5	2.0	10.0	1.0			23.0
Britt		2.2	0.8	T.	4.3	2.5	1.6	T.	T.	11.4
Burlington		2.5		6.8	4.5	17.5	0.2			31.5
Carroll				T.	5.0	5.0	(*)			
Cedar Rapids		1.0		T.	2.9	7.4	2.9	T.		14.2
Centerville		T.		6.5	2.5	24.6	7.0	T.		40.6
Chariton		T		1.0	3.0	8.0	2.0	T.		14.0
Charles City		0.1	0.4	0.6	6.9	8.5	4.8	1.1		22.4
Clarinda				7.5	2.2	16.0	2.4			28.1
Clinton		2.7	0.3	0.2	5.1	9.4	2.7	T.		20.4
Columbus Junction		1.2		1.5	3.8	8.7	0.5	T.		15.7
Corning		T.	T.	5.0	5.0	(*)	2.8			
Corydon		0.2		2.3	2.8	13.0	1.9	T.		20.2
Creston		T.		2.0	(*)	9.0	1.5	0.5		
Cumberland				T.	4.0	7.0	T.	(*)		
Davenport		2.0	T.	1.5	4.3	7.9	1.3	T.		17.0
Decorah		2.5		1.0	10.0	8.0	2.5			24.0
Delaware		3.9	0.1	0.1	(*)	3.6	2.1	0.3		
Denison		0.5	T.	0.5	5.5	5.5	T.	T.		12.0
Des Moines		0.2		1.5	6.8	14.8	2.0	0.5		25.8
Dubuque		1.6	T.	T.	6.7	11.5	0.9	T.		20.7
Earlham		T.	0	2.5	3.0	15.0	0.7	T.		21.2
Elkader		0.5	1.0	0.5	9.0	10.7	2.0	1.0		24.7
Elliott				(*)	T.	12.0	0.2	T.		
Elma		1.5	1.0	1.5	4.0	6.5	3.0	T.		17.5
Estherville		2.0	2.0	T.	6.5	7.0	3.5			21.0
Fairfield		1.5		3.1	3.5	9.0	0.9			18.0
Fayette		6.0	2.0	1.0	7.0	7.2	4.0	2.8		30.0
Forest City		4.0		T.	7.5	7.0	3.5			22.0
Fort Dodge		1.0	1.0	0.5	7.5	6.0	0.5	T.		16.5
Fort Madison		1.0		3.0	4.0	12.0	T.			20.0
Gilman		1.5		T.	7.0	8.0	1.5			18.0
Grand Meadow		2.5	1.0	1.2	7.4	6.5	5.7	2.5		26.8
Greenfield		T.	T.	2.5	5.0	13.5	0.9			21.9
Grinnell		0.2		T.	5.6	10.8	1.9	T.		18.5
Grundy Center		1.2		T.	6.6	8.5	T.	T.		16.3
Guthrie Center		T.		1.0	4.8	11.0	0.5	T.		17.3
Hampton		3.2	0.5	T.	(*)	(*)	(*)	(*)	(*)	
Harlan		T.	T.	T.	3.8	7.2	0.3	T.		11.3
Humboldt		(*)		T.	5.0	7.7	T.			
Independence		0.2	T.	T.	3.2	7.1	1.8	0.5		12.8
Indianola		0.2		1.2	4.1	16.2	1.0	0.5		23.2
Inwood		3.0	2.0		7.0	5.0	2.1	1.8		20.9

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Iowa—Continued.										
Iowa City		2.0		T.	6.5	10.0	2.0	T.		20.5
Iowa Falls		3.0	0.5	0.2	6.5	10.6	5.9	1.0		27.7
Jefferson		T.	T.	0.1	4.9	6.6	0.6	0.1		12.3
Keokuk		T.		5.0	1.8	12.3	T.	T.		19.1
Keosauqua		3.0		5.0	2.7	15.4	2.8	T.		28.9
Knoxville		(*)	(*)	(*)	4.5	11.5	1.7			
Lacona		1.1		7.0	7.0	13.0	5.0	1.0		34.1
Lake Park		0.5	2.0		7.0	9.0	2.8			21.3
Lamoni		T.		4.5	4.0	6.5	3.0	0.2		18.2
Lansing		(*)		1.0	7.0	(*)	0.3			
Le Claire		0.7	0.4	2.0	5.4	9.2	1.7	T.		19.4
Le Mars		1.0	2.0		4.7	5.6	T.	0.5		13.8
Lenox			T	4.0	3.0	8.7	1.4	0.4		17.5
Leon		0.5		2.0	2.5	12.0	0.5	2.0		19.5
Little Sioux		0.5		0.5	3.8	5.2	2.0			12.0
Logan		1.0		T.	5.3	4.6	0.5			11.4
Marshalltown		2.0	T.	T.	8.7	11.6	3.9	0.7		26.9
Mason City		T.		0.4	2.7	4.4	1.9	T.		9.4
Monroe		1.0	T.	0.6	3.3	(*)	T.	T.		
Mount Ayr		T.		5.0	3.0	7.5	1.1	0.5		17.1
Mount Pleasant		1.6		4.0	3.8	10.1	1.5			21.0
Murray		T.		2.0	4.2	11.0	0.5			17.7
Muscatine		0.5		1.0	4.1	13.9	0.2	T.		19.7
New Hampton		0.4	T.	0.5	6.0	8.0	5.5	(*)		
Nora Springs		1.4	2.0	0.2	5.8	7.2	3.4	0.5		20.5
Northboro		T.		6.5	1.5	12.5	3.0	T.		23.5
Northwood		6.8	0.5	0.5	9.2	11.0	18.0	1.0		47.0
Odebolt		0.5	1.5		5.5	4.5	T.			12.0
Olin		2.8		T.	5.5	6.5	1.0			15.8
Onawa		1.0	0.2	T.	6.2	8.9	2.0			18.3
Osage		T.		T.	4.0	7.0	0.5			11.5
Oskaloosa		0.5		0.6	3.9	10.9	1.2			17.1
Pacific Junction		0.1		2.6	1.2	11.1	2.1	(*)	(*)	
Pella		1.2		1.0	4.6	10.3	2.1	T.		19.2
Perry		T.		1.3	5.0	5.0	1.3	0.5		13.1
Pocahontas		1.2	1.2		5.2	3.6	0.3			11.5
Rock Rapids		1.0	2.0		5.7	5.5	(*)	0.5		
Rockwell City		1.0			9.0	15.0	(*)	1.0		
Sac City		1.0			6.0	7.0	T.			14.0
St. Charles		T.		1.2	4.0	14.5	0.4	T.		20.1
Sibley		1.2	2.0	T.	4.0	4.0	1.5			12.7
Sigourney		2.0		2.0	6.5	13.0	3.0			26.5
Sioux Center		2.0	3.0		11.0	10.5	1.5	3.0		31.0
Sioux City		2.7	0.9	0.5	7.2	6.5	0.7			18.5
Spencer		(*)			7.0	11.0	3.3			
Stockport		1.0		4.0	2.5	10.5	1.0	T.		19.0
Storm Lake		T.			6.2	(*)	T.			
Thurman		T.		(*)	4.0	12.5	T.	T.		
Tipton		2.8		T.	3.8	11.5	3.1			21.2
Toledo		(*)		T.	5.7	11.3	0.5			
Washington					2.0	(*)	1.9			
Washta		0.5	1.0	T.	5.0	3.5	T.	T.		10.0
Waterloo				0.2	7.2	8.6	T.			16.0
Waukee		T.		0.8	4.1	7.2	0.8	0.2		13.1
Webster City		1.0	2.0	T.	8.0	7.0	2.0	T.		20.0
West Bend		1.0	0.9	T.	8.9	11.6	1.5	T.		23.9
Whitten		1.5		T.	7.0	10.0	T.	T.		18.5
Winterset		T.		2.2	6.0	12.0	1.4	T.		21.6
Kansas.										
Burlington		3.0		4.0	T.	18.5	1.5			27.0
Colby			T.	13.0	T.	1.6	T.	T.		14.6
Columbus		2.8		6.8	0.1	8.4	3.7	1.5		23.3
Concordia		0.4		2.1	1.1	7.5	0.5			11.6
Dodge City		0.5		2.7	2.0	4.1	0.6			9.9
Emporia		1.5		6.8	0.5	11.5	1.5	T.		21.8
Frankfort		T.		T.	0.1	11.0	5.0			16.1
Garden City		0.5	T.	7.0	2.8	4.1	0.2	0.5		15.1
Grenola		1.0		5.0	0	5.0	1.0			12.0

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Kansas—Continued.										
Horton	.....	T.	.....	1.5	0.2	11.7	5.0	T.	.....	18.4
Hutchison	.....	(*)	.....	3.5	T.	3.1	.....	.....	.....	.....
Independence	.....	5.2	.....	6.0	T.	7.2	2.0	T.	.....	20.4
Iola	.....	6.0	.....	5.7	0.4	13.5	1.0	.....	.....	26.6
Lakin	.....	T.	1.0	5.0	T.	4.0	T.	.....	.....	10.0
McPherson	.....	2.0	T.	8.0	0.5	10.5	T.	.....	.....	21.0
Manhattan	.....	3.0	.....	2.6	0.3	14.4	1.5	.....	.....	21.8
Marion	.....	2.0	.....	6.0	T.	13.5	0.5	.....	.....	22.0
Minneapolis	.....	0.7	.....	1.5	1.0	7.0	0.5	.....	.....	10.7
Moran	.....	3.0	.....	4.0	T.	16.0	1.0	T.	.....	24.0
Rome	.....	1.2	.....	5.0	.....	3.5	1.0	T.	.....	10.7
Richfield	.....	1.5	0.5	4.5	2.0	3.5	1.5	2.5	.....	16.0
St. Francis	.....	T.	.....	9.5	0.2	0.8	T.	1.0	.....	11.5
Sedan	.....	3.5	.....	6.5	T.	3.5	1.1	.....	.....	14.6
Topeka	.....	1.5	.....	4.3	0.3	8.4	4.8	T.	.....	19.3
Wichita	.....	1.3	.....	4.9	T.	6.4	0.5	T.	.....	13.1
Kentucky.										
Alpha	.....	T.	3.0	6.0	4.5	13.0	4.2	T.	.....	30.7
Anchorage	.....	T.	0.5	1.0	3.0	8.0	4.7	.....	.....	17.2
Bardstown	.....	.....	0.2	0.7	1.2	10.5	4.5	.....	.....	17.1
Beattyville	.....	T.	0.7	3.0	4.0	8.0	15.0	T.	.....	30.7
Beaver Dam	.....	.....	.....	4.0	T.	5.5	3.3	.....	.....	12.8
Berea	.....	T.	3.5	3.4	2.0	8.0	12.8	.....	.....	29.7
Blandville	.....	T.	T.	4.5	0.2	5.0	6.6	.....	.....	16.3
Bowling Green	.....	1.0	.....	0.1	0.5	2.5	6.4	.....	.....	10.5
Burnside	.....	.....	0.7	T.	0.2	2.3	5.0	.....	.....	8.2
Calhoun	.....	T.	T.	0.6	0.1	5.4	6.0	.....	.....	12.1
Catlettsburg	.....	T.	6.0	T.	(*)	10.0	9.0	T.	.....	.....
Earlington	.....	T.	T.	1.5	T.	4.0	3.5	.....	.....	9.0
Edmonton	.....	T.	1.0	2.1	1.1	5.5	5.5	.....	.....	15.2
Eubank	.....	T.	0.4	0.4	0.5	0.4	0.5	.....	.....	2.2
Falmouth	.....	T.	3.0	0.5	T.	11.6	7.0	.....	.....	22.1
Farmers	.....	T.	(*)	0.5	0.2	1.3	12.0	.....	.....	.....
Frankfort	.....	T.	0.2	T.	0.4	8.0	2.7	.....	.....	11.3
Franklin	.....	1.5	T.	T.	T.	1.5	6.0	.....	.....	9.0
Greensburg	.....	T.	0.2	0.2	T.	1.3	2.0	.....	.....	3.7
Hazard	.....	T.	2.5	1.0	(*)	(*)	10.7	.....	.....	.....
High Bridge	.....	.....	0.5	2.0	T.	5.5	6.0	.....	.....	14.0
Hopkinsville	.....	T.	.....	1.0	0.5	3.2	8.0	.....	.....	12.7
Irvington	.....	T.	T.	1.5	T.	4.2	1.5	.....	.....	7.2
Leitchfield	.....	.....	T.	1.5	1.2	5.0	3.5	.....	.....	11.2
Lexington	.....	.....	2.2	4.2	1.4	5.3	5.6	T.	.....	18.7
Loretto	.....	T.	T.	2.5	0.5	4.6	5.0	.....	.....	12.6
Louisa	.....	.....	3.0	1.0	(*)	7.0	14.0	.....	.....	.....
Louisville (1)	.....	T.	T.	0.2	0.7	9.9	3.7	T.	.....	14.5
Louisville (2)	.....	T.	0.5	1.5	2.0	13.7	6.0	.....	.....	23.7
Maysville	.....	T.	4.1	1.0	T.	16.5	10 4	.....	.....	32.0
Middlesboro	.....	.....	T.	(*)	(*)	4.0	14.0	.....	.....	.....
Mount Sterling	.....	.....	0.2	7.5	3.0	15.5	12.5	T.	.....	38.7
Owensboro	.....	T.	T.	2.0	0.5	3.0	5.5	.....	.....	11.0
Paducah	.....	T.	.....	3.0	(*)	7.0	5.0	.....	.....	.....
Pikeville	.....	.....	2.0	T.	(*)	8.0	11.0	.....	.....	.....
St. John	.....	.....	T.	T.	T.	5.0	3.0	.....	.....	8.0
Scott	.....	T.	0.5	3.7	2.9	25.5	5.2	T.	.....	37.8
Shelby City	.....	.....	1.2	2.0	1.2	(*)	7.0	.....	.....	.....
Shelbyville	.....	T.	T.	T.	(*)	9.7	3.0	.....	.....	.....
Taylorsville	.....	T.	0.4	0.7	1.0	6.5	2.5	.....	.....	11.1
Weeksbury	.....	.....	3.5	5.2	2.0	6.0	5.0	.....	.....	21.7
Williamsburg	.....	T.	1.5	T.	0.6	0.7	11.2	.....	.....	14.0
Williamstown	.....	T.	T.	3.0	1.0	19.1	7.0	.....	.....	30.1
Louisiana.										
Abbeville	.....	.....	.....	.....	.....	6.0	T.	.....	.....	6.0
Amite	.....	.....	.....	.....	.....	6.0	.....	.....	.....	6.0
Angola	.....	.....	.....	(*)	.....	1.2	T.	.....	.....	.....
Baton Rouge	.....	.....	.....	.....	.....	6.0	.....	.....	.....	6.0
Cades	.....	.....	.....	.....	.....	3.5	.....	.....	.....	3.5
Cameron	.....	.....	.....	.....	.....	2.0	.....	.....	.....	2.0

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Louisiana—Continued.										
Cinclare						3.5				3.5
Clinton						4.0				4.0
Donaldsonville						3.0				3.0
Dutchtown						2.5				2.5
Florence						4.0				4.0
Franklinton						5.0				5.0
Grand Coteau						3.5				3.5
Hammond						5.0				5.0
Jeanerette						2.2				2.2
Lafayette						4.0				4.0
Napoleonville						2.0				2.0
New Iberia						3.5				3.5
Opelousas						4.0				4.0
Rayne						4.0				4.0
St. Francisville						4.0				4.0
St. Gabriel						3.1				3.1
Simmesport						1.5	T.			1.5
Walker						3.0				3.0
Maine.										
Bar Harbor		T.	T.	5.2	18.0	21.5	4.5	6.0	T.	55.2
Eastport			0.1	7.5	20.9	16.8	18.0	11.5	T.	74.8
Farmington			3.0	19.0	12.5	17.0	9.0	11.5		72.0
Gardiner			2.0	16.0	7.5	23.0	3.0	7.5		59.0
Lewiston			5.0	21.5	10.8	16.1	8.8	5.4		67.6
Orono			T.	10.0	20.5	22.0	5.0	10.0		67.5
Portland		0.1	0.8	7.3	12.1	19.7	8.1	2.5	T.	50.6
Rumford Falls		T.	4.0	20.5	10.8	17.1	9.8	12.0		74.2
Winslow			2.0	16.5	7.5	13.5	7.0	8.0		54.5
Maryland.										
Annapolis						10.5	14.5			25.0
Baltimore				T.	T.	11.4	11.6			23.0
Cambridge					T.	13.3	2.1			15.4
Cheltenham						3.4	21.3			24.7
Chewsville				1.5	8.0	18.2	14.0			41.7
Clear Spring			(*)	1.5	4.0	22.0	11.2	(*)		
Coleman						10.0	19.0			29.0
College Park						(*)	11.5			
Cumberland		T.	T.	T.	3.1	19.6	5.3	T.		28.0
Darlington			T.	T.	2.5	15.0	13.5			31.0
Deer Park	T.	1.0	14.0	11.0	32.0	36.0	35.0	T.		129.0
Denton				T.		9.5	16.5			26.0
Easton						6.4	14.1			20.5
Emmitsburg	(*)		T.	(*)	(*)	14.0	11.0			
Fallston				T.	T.	12.0	13.5			25.5
Frederick			T.	T.	0.2	17.3	16.8	T.		34.3
Frostburg		T.	4.0	5.0	22.7	27.5	13.5	1.0		73.7
Grantsville		0.5	13.0	6.0	29.5	28.5	23.5	2.5		103.5
Great Falls					T.	10.5	17.5			28.0
Green Spring Furnace			T.	1.0	2.5	17.7	9.6	T.		30.8
Keedysville				0.5	1.0	19.5	11.0			32.0
Lake Montebello				T.	0.5	12.5	12.7			25.7
Laurel					T.	13.0	20.5			33.5
Leonardtown				T.	T.	11.2	15.0			26.2
Monrovia				T.	1.0	17.3	9.8			28.1
Oakland		0.7	15.0	13.0	29.3	28.5	29.0	1.5		117.0
Pocomoke City				T.	T.	11.5	15.6			27.1
Princess Anne					T.	10.2	16.1			26.3
Salisbury			T.	T.	T.	18.5	21.5	T.		40.0
Solomons				T.	0.5	14.4	19.1	T.		34.0
State Sanatorium			T.	T.	8.1	18.2	15.1	T.		41.4
Sudlersville				T.	T.	5.0	20.5			25.5
Takoma Park					T.	9.5	19.0			28.5
Towson				T.	(*)	10.3	12.1			
Van Bibber						4.2	9.3			13.5
Westernport			0.2	0.2	6.0	26.5	8.2			41.1
Woodstock					T.	10.5	15.0			25.5
Yarrow (Rockville)	(*)	(*)		T.	T.	15.0	16.4			31.4

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Massachusetts.										
Amherst	.....	T.	2.5	4.0	9.5	24.5	6.2	5.2	.....	51.9
Bedford	.....	T.	1.5	2.5	14.0	22.5	4.5	3.0	.....	48.0
Boston	.....	0.4	T.	0.9	10.3	20.6	5.2	2.0	.....	39.4
Concord	.....	T.	2.1	4.1	15.1	26.9	6.7	3.0	.....	57.9
Fitchburg	.....	0.5	8.0	10.0	11.0	23.0	6.5	5.0	.....	60.4
Hyannis	.....	.....	.....	(*)	(*)	7.0	7.0	.....	.....	.....
Jefferson	.....	.....	9.0	6.0	13.2	26.5	7.0	3.5	.....	65.2
Nantucket	.....	.....	T.	T.	0.5	19.2	14.3	T.	.....	34.0
Plymouth	.....	T.	T.	0.5	3.0	24.0	8.5	0.5	.....	36.5
Worcester	.....	.....	7.7	6.7	10.1	26.8	10.1	1.1	.....	62.5
Michigan.										
Adrian	.....	T.	2.0	3.4	15.5	19.0	1.8	1.0	.....	42.7
Allegan	.....	(*)	(*)	6.0	23.0	12.0	12.0	3.0	.....	.....
Alma	.....	T.	6.0	3.5	34.0	7.5	4.0	1.5	.....	56.5
Alpena	.....	0.4	11.2	5.1	37.2	10.0	5.7	2.7	.....	72.3
Ann Harbor	.....	2.1	6.3	3.7	17.0	5.0	1.0	3.2	.....	38.3
Arbela	.....	5.0	8.0	4.0	18.5	11.0	3.5	2.5	.....	52.5
Armada	.....	T.	4.5	5.5	21.5	10.2	3.1	2.6	.....	47.4
Baraga	.....	6.0	(*)	(*)	(*)	10.0	7.5	16.0	(*)	.....
Battle Creek	.....	2.0	1.0	4.0	11.0	15.0	3.0	2.0	.....	38.0
Bay City	.....	.....	3.0	3.2	38.5	4.5	7.0	2.0	.....	58.2
Benzonia	.....	2.0	0.9	5.2	21.6	29.1	10.8	7.9	.....	77.5
Bloomingdale	.....	1.0	6.5	4.5	24.5	15.2	8.0	2.4	.....	62.1
Cadillac	.....	2.0	3.0	5.5	24.0	12.0	1.5	5.0	.....	53.0
Calumet	0.5	3.0	4.0	4.0	25.0	23.0	12.0	16.0	.....	87.5
Charlotte	.....	T.	4.0	T.	29.0	4.0	1.0	0	.....	38.0
Chatham	T.	1.0	9.0	3.7	19.0	26.0	17.0	5.5	.....	81.2
Clinton	.....	.....	5.0	3.5	16.5	5.8	T.	3.0	.....	33.8
Coldwater	.....	4.5	1.5	2.5	13.7	4.5	2.5	0.7	.....	29.9
Croton	.....	T.	T.	0.5	20.5	10.0	4.0	2.0	.....	37.0
Deer Park	.....	(*)	10.0	(*)	12.0	21.0	(*)	(*)	(*)	.....
Detroit	.....	T.	3.6	4.0	21.8	9.0	2.1	1.8	.....	42.3
Durand	.....	.....	0.5	3.0	8.0	6.0	2.0	2.5	.....	22.0
Eloise	.....	T.	2.4	2.8	15.7	9.3	0.5	2.3	.....	33.0
Escanaba	.....	T.	2.5	2.7	9.3	7.3	3.1	2.1	T.	27.0
Ewen	.....	.....	12.0	8.0	22.5	13.5	16.5	24.0	T.	96.5
Five Channels	.....	T.	1.0	T.	25.0	2.0	4.0	1.5	.....	33.5
Flint	.....	.....	5.0	4.0	9.5	15.0	3.0	2.5	.....	39.0
Frankfort	.....	.....	(*)	8.0	30.0	(*)	10.0	5.0	.....	.....
Ganges	.....	1.0	4.0	7.5	23.5	7.0	5.0	3.0	.....	41.0
Grand Haven	.....	0.1	2.4	4.9	22.3	21.8	10.0	4.8	.....	66.3
Grand Marais	.....	T.	5.0	2.1	27.0	28.0	5.5	7.5	.....	75.1
Grand Rapids	.....	0.3	1.0	2.3	27.0	14.6	7.5	4.5	.....	57.2
Grape	.....	T.	5.0	2.0	20.0	6.0	0.7	1.0	.....	34.7
Grass Lake	.....	2.0	6.0	4.0	21.0	16.0	T.	4.0	.....	53.0
Grayling	.....	8.1	(*)	5.3	25.9	14.6	9.6	3.1	.....	.....
Greenville	.....	.....	T.	1.0	19.5	5.0	3.5	4.0	.....	33.0
Harbor Beach	.....	.....	5.5	10.5	39.0	5.0	3.5	1.0	.....	64.5
Harrison	.....	.....	(*)	1.5	(*)	(*)	6.0	6.0	.....	.....
Harrisville	.....	T.	(*)	1.0	18.0	7.0	(*)	(*)	.....	.....
Hart	.....	(*)	3.0	2.0	(*)	20.5	9.0	2.5	.....	.....
Hayes	.....	.....	(*)	4.0	18.5	(*)	6.0	(*)	.....	.....
Highland	.....	1.0	5.0	(*)	21.0	13.5	2.0	3.9	.....	.....
Hillsdale	.....	1.5	6.5	1.5	18.7	11.0	2.1	1.2	.....	42.5
Holland	.....	T.	3.5	4.0	19.9	22.5	12.0	4.0	.....	65.9
Houghton	2.5	6.7	11.3	4.2	25.6	19.6	9.6	18.1	T.	97.6
Houghton Lake	.....	(*)	T.	T.	(*)	(*)	3.0	1.5	.....	.....
Howell	.....	0.1	5.3	1.2	10.0	5.9	1.2	1.2	.....	24.9
Humboldt	2.0	3.0	9.0	4.0	11.1	13.0	7.0	15.0	T.	64.1
Iron Mountain	T.	T.	0.2	0.5	5.4	2.0	1.8	1.5	T.	11.4
Iron River	T.	T.	8.0	T.	13.0	7.0	5.5	5.0	.....	38.5
Ironwood	2.0	11.0	6.0	4.0	15.0	13.0	20.0	18.0	1.0	90.0
Ishpeming	2.0	7.5	12.3	1.4	12.6	7.8	13.0	16.3	T.	72.9
Ivan	.....	3.0	2.0	5.3	17.0	10.0	5.5	4.0	.....	46.8
Jackson	.....	1.0	4.0	3.0	15.5	5.5	T.	T.	.....	29.0
Jeddo	.....	.....	10.5	5.5	16.4	13.0	4.0	4.0	.....	53.4
Johannesburg	.....	4.0	6.0	6.5	19.5	10.5	4.7	9.0	T.	60.2
Kalamazoo	.....	T.	6.0	13.0	27.0	8.0	7.0	4.5	.....	65.5

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Michigan—Continued.										
Lansing	.....	7.5	6.8	4.7	17.0	13.3	3.0	3.7	.....	56.0
Lansing (college)	.....	6.2	6.2	4.8	25.2	9.2	2.4	4.1	.....	58.1
Lapeer	.....	(*)	(*)	(*)	3.0	12.0	(*)	2.0	.....	.....
Ludington	.....	T.	3.0	1.8	9.2	19.9	8.1	5.2	.....	47.2
Luther	.....	1.7	1.5	3.5	22.5	13.7	11.0	5.5	T.	59.4
Maple Ridge	.....	.....	8.0	7.0	10.0	10.0	10.0	.....	.....	45.0
Marquette	0.1	1.7	8.6	8.8	24.9	15.7	17.5	18.5	T.	95.8
Menominee	.....	T.	3.0	T.	8.5	8.5	1.0	6.0	T.	27.0
Midland	.....	T.	0.2	0.2	20.3	6.0	4.5	2.0	.....	33.2
Morenci	.....	T.	1.4	3.0	12.2	7.8	1.7	.....	.....	26.1
Mount Clemens	.....	.....	4.8	3.5	17.7	6.0	1.1	0.5	.....	33.6
Munising	.....	5.2	14.5	8.0	24.7	26.3	13.8	10.8	.....	103.3
Muskegon	.....	T.	4.0	3.7	19.0	20.5	13.0	5.0	.....	65.2
Newberry	.....	0.5	15.5	5.2	23.7	20.0	6.5	10.8	.....	82.2
Old Mission	.....	0.5	3.5	2.5	15.8	8.3	3.5	4.0	.....	38.1
Olivet	.....	2.5	1.8	3.3	14.1	4.8	2.7	4.5	.....	33.7
Omer	.....	(*)	(*)	0.5	14.8	(*)	T.	(*)	.....	.....
Onaway	(*)	2.0	2.0	1.0	19.0	4.0	(*)	1.0	.....	.....
Ontonagon	.....	2.0	(*)	T.	15.9	(*)	6.5	(*)	(*)	.....
Owosso	.....	.....	2.2	5.0	18.4	1.7	(*)	0.6	.....	.....
Petoskey	.....	.....	12.0	5.4	19.7	17.0	0.5	4.5	.....	59.1
Pontiac	.....	T.	5.0	5.0	18.0	8.0	4.0	3.0	.....	43.0
Port Austin	.....	T.	4.0	2.0	12.0	15.0	6.0	T.	.....	39.0
Port Huron	.....	T.	7.6	3.8	14.6	6.9	3.2	2.2	.....	38.3
Reed City	.....	T.	0.2	(*)	13.8	5.0	(*)	(*)	.....	.....
Roscommon	.....	1.1	1.0	1.8	20.3	7.6	4.3	1.3	.....	37.4
Saginaw W. S.	.....	T.	5.2	5.0	22.6	9.4	3.2	2.3	.....	47.7
St. Ignace	(*)	5.0	1.5	5.5	15.3	4.0	2.8	2.9	.....	37.0
St. James	.....	3.0	T.	T.	(*)	T.	3.6	T.	.....	.....
St. Joseph	.....	.....	.....	4.5	23.0	20.1	9.0	2.2	.....	58.8
Sandusky	.....	T.	6.0	2.0	17.5	5.0	(*)	2.0	.....	.....
Saranac	.....	.....	T.	2.0	26.0	8.0	3.0	4.0	.....	43.0
Sault Ste. Marie	.....	2.9	3.3	3.5	17.7	12.4	1.8	15.8	.....	57.4
Seney	.....	1.0	8.0	5.5	21.0	10.0	1.0	5.0	.....	51.5
South Haven	.....	T.	3.0	2.0	22.5	5.0	.....	2.0	.....	34.5
Thomaston	(*)	(*)	(*)	2.0	9.0	4.0	4.5	13.0	(*)	.....
Traverse City	.....	(*)	3.0	4.0	14.0	12.0	4.0	(*)	.....	.....
Vassar	.....	2.0	6.0	7.5	21.5	13.0	3.0	4.5	.....	57.5
Victoria	.....	T.	(*)	3.0	12.5	8.0	9.0	(*)	.....	.....
Wasepi	.....	2.0	2.0	5.0	16.0	14.5	T.	0.5	.....	40.0
Watersmeet	.....	3.2	3.9	1.5	11.3	7.4	7.5	13.1	0.1	48.0
Webber Dam	.....	0.5	T.	5.0	15.8	(*)	3.1	3.0	.....	.....
West Branch	.....	0.5	5.0	1.0	17.9	10.5	6.2	3.8	.....	44.9
Whitefish Point	.....	2.2	(*)	3.8	25.2	26.0	4.0	17.1	.....	.....
Ypsilanti	.....	T.	6.3	5.0	16.7	5.5	1.0	2.1	.....	36.6
Minnesota.										
Albert Lea	.....	2.0	T.	T.	4.0	5.0	3.0	T.	.....	14.0
Alexandria	.....	2.2	1.2	0.4	11.8	8.3	6.1	5.0	.....	35.0
Angus	.....	0.8	0.5	0.2	2.8	2.0	4.8	0.5	.....	11.6
Bagley	.....	1.0	0.7	0.5	10.2	4.0	15.5	0.5	.....	32.4
Baudette	.....	1.2	0.5	1.0	21.2	9.0	7.0	6.0	.....	45.9
Beardsley	.....	1.0	(*)	T.	2.5	12.0	8.0	T.	.....	.....
Bemidji	.....	(*)	(*)	.....	13.5	6.0	20.0	1.0	.....	.....
Bird Island	.....	3.5	T.	T.	3.9	5.8	8.6	2.0	.....	23.8
Brainerd	.....	(*)	.....	.....	6.4	6.3	10.7	1.0	.....	.....
Caledonia	.....	4.5	T.	0.5	8.8	6.3	6.0	1.7	.....	27.8
Campbell	.....	1.5	2.5	T.	4.8	5.5	7.0	T.	T.	21.3
Cass Lake	.....	4.0	.....	1.0	14.0	7.0	19.0	2.0	.....	47.0
Chatfield	(*)	(*)	T.	0.4	7.0	5.7	1.0	1.0	.....	.....
Cloquet	.....	2.0	T.	2.5	13.5	6.5	5.0	2.2	.....	31.7
Collegeville	.....	1.8	.....	T.	10.8	5.1	8.0	3.0	1.0	29.7
Crookston	.....	T.	2.0	1.0	9.5	3.3	12.5	0.2	.....	28.5
Detroit	.....	T.	3.0	T.	3.5	4.5	10.5	T.	T.	21.5
Duluth	T.	1.0	T.	3.1	13.5	9.1	13.3	7.5	T.	47.5
Fairmont	.....	3.0	1.0	T.	4.4	6.3	2.2	0.5	.....	17.4
Faribault	.....	0.2	T.	T.	4.3	5.1	3.5	T.	.....	13.1
Farmington	.....	2.0	0.5	T.	5.5	5.0	5.5	2.0	.....	20.5
Fergus Falls	.....	0.8	1.9	0.3	4.1	7.9	13.0	2.3	0.1	30.4

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Minnesota—Continued.										
Fort Ripley	.....	1.5	T.	T.	4.5	4.5	7.0	5.5	T.	23.0
Fosston	.....	1.4	2.5	0.5	7.2	1.9	7.0	0.3	.....	20.8
Glencoe	.....	1.0	1.0	.....	(*)	T.	12.8	(*)	.....	.....
Grand Meadow	.....	5.5	.....	0.2	8.8	9.0	4.8	3.0	.....	31.3
Gull Lake Dam	T.	1.6	T.	0.4	5.8	6.4	8.7	2.0	T.	24.9
Hallock	.....	T.	1.5	0.7	10.9	5.0	4.7	0.2	.....	23.0
Halstad	.....	.....	2.0	.....	4.0	1.0	3.5	(*)	.....	.....
Hinckley	.....	1.0	.....	(*)	10.0	2.5	9.0	4.0	2.0	.....
International Falls	T.	2.6	(*)	2.5	15.3	4.3	6.0	3.0	T.	.....
Itasca State Park	.....	(*)	(*)	.....	9.0	1.0	24.0	(*)	.....	.....
Lake Crystal	(*)	4.0	1.0	.....	4.0	8.0	14.0	T.	.....	.....
Leech Lake Dam	.....	2.9	1.0	0.7	11.6	6.5	14.8	2.0	.....	39.5
Little Falls	.....	0.6	.....	.....	8.0	6.0	3.0	3.2	.....	20.8
Littlefork	.....	1.7	3.5	2.0	12.3	3.6	(*)	(*)	.....	.....
Lynd	.....	4.0	1.0	T.	5.5	7.0	2.0	1.5	.....	21.0
Mankato	.....	2.0	0.2	T.	2.4	8.0	6.2	0.5	.....	19.3
Mapleplain	(*)	(*)	0.6	T.	8.2	9.8	(*)	(*)	(*)	.....
Milan	.....	3.0	1.0	T.	7.0	5.0	13.0	T.	T.	29.0
Minneapolis (Weather Bureau)	.....	1.1	0.6	T.	7.7	6.8	2.9	3.0	T.	23.0
Minneapolis (No. 1)	.....	1.7	0.6	T.	6.4	3.8	2.8	2.0	.....	17.3
Montevideo	.....	4.0	1.0	T.	11.5	5.3	8.5	0.5	T.	30.8
Moorhead	.....	0.5	1.6	T.	5.0	4.2	14.6	2.1	.....	28.0
Mora	.....	3.5	T.	T.	9.2	5.5	10.7	3.3	1.0	33.2
Morris	.....	2.0	1.0	T.	6.0	5.0	10.0	0.3	T.	24.3
New London	.....	3.0	.....	T.	5.5	7.0	6.0	4.0	.....	25.5
New Richland	.....	2.0	T.	T.	2.5	8.0	7.0	T.	.....	19.5
New Ulm	.....	5.0	0.2	T.	5.0	12.4	14.2	T.	.....	36.8
Osakis	.....	1.4	0.2	T.	5.2	9.6	3.5	2.5	.....	22.4
Park Rapids	.....	10.6	1.2	T.	5.6	4.9	15.5	1.0	.....	38.8
Pierz	T.	T.	T.	.....	(*)	(*)	2.0	2.0	T.	.....
Pine River Dam	T.	1.5	1.0	1.5	8.0	6.0	8.5	2.0	.....	28.5
Pipestone	.....	1.0	1.2	.....	3.7	4.0	(*)	0.4	.....	.....
Pokegama Falls	.....	7.4	0.2	1.0	7.5	7.2	11.3	1.3	.....	36.0
Red Lake	.....	.....	1.2	T.	13.2	4.2	10.1	T.	.....	28.6
Red Lake Falls	.....	1.0	1.0	(*)	(*)	0.5	9.5	(*)	(*)	.....
Red Wing	.....	T.	T.	T.	8.2	6.6	6.2	2.0	.....	23.0
Reeds Landing	.....	0.1	.....	.....	4.5	5.3	2.3	0.4	.....	12.6
Rochester	.....	(*)	.....	T.	4.6	3.1	2.4	0.4	.....	.....
Roseau	.....	2.5	0.8	T.	12.0	3.5	8.0	3.0	.....	29.8
St. Charles	.....	1.0	.....	T.	5.0	4.5	2.0	T.	.....	12.5
St. Cloud	.....	2.1	T.	T.	8.6	6.3	4.5	4.5	T.	26.0
St. Paul	.....	0.6	0.3	T.	6.8	5.3	3.4	3.5	.....	19.9
St. Peter	.....	(*)	.....	.....	6.3	2.0	4.0	(*)	.....	.....
Sandy Lake Dam	.....	0.1	T.	1.8	11.2	5.7	5.2	T.	.....	24.0
State Sanitorium	.....	3.0	T.	0.2	(*)	3.3	11.0	1.0	.....	.....
Stephens Mine	T.	0.9	(*)	1.5	14.3	2.2	8.5	(*)	(*)	.....
Stillwater	.....	T.	T.	T.	6.5	2.5	3.0	1.0	.....	13.0
Taylors Falls	.....	1.0	0.5	1.0	6.2	5.7	3.5	3.0	.....	20.9
Thief River Falls	.....	2.0	(*)	T.	11.0	4.0	8.5	(*)	.....	.....
Tracy	.....	3.0	1.5	T.	3.2	8.5	3.6	1.0	.....	20.8
Two Harbors	.....	.....	.....	2.0	12.0	10.0	14.0	6.0	.....	44.0
Virginia	T.	2.0	.....	2.0	11.0	7.0	11.0	9.0	.....	42.0
Warren	.....	3.0	2.0	T.	(*)	T.	11.0	1.0	.....	.....
Warroad	.....	2.0	0.5	1.2	13.7	3.0	7.0	2.0	.....	29.4
Windom	.....	1.0	1.0	.....	2.0	8.0	2.0	.....	.....	14.0
Winnebago	.....	3.0	T.	T.	3.0	5.0	5.5	T.	.....	16.5
Winnibigoshish	.....	2.2	T.	1.2	15.0	7.0	15.1	4.3	.....	44.8
Winona	.....	1.0	T.	0.1	8.0	6.7	2.0	1.0	.....	18.8
Winton	.....	2.5	T.	4.2	14.0	1.7	13.0	12.0	.....	47.4
Worthington	.....	4.0	2.0	T.	5.0	9.5	2.0	T.	.....	22.5
Zumbrota	.....	T.	.....	0.2	4.0	1.7	2.2	2.0	.....	10.1
Mississippi.										
Aberdeen	.....	.....	.....	T.	.....	2.0	.....	.....	.....	2.0
Agricultural College	.....	.....	.....	2.0	.....	2.0	.....	.....	.....	4.0
Austin	.....	.....	.....	1.2	.....	T.	.....	.....	.....	1.2
Batesville	.....	.....	.....	2.0	.....	.....	.....	.....	.....	2.0
Bay Springs	.....	.....	.....	(*)	.....	3.5	.....	.....	.....	3.5
Booneville	.....	.....	.....	4.0	.....	1.0	1.1	.....	.....	6.1

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Mississippi—Continued.										
Brookhaven						4.0				4.0
Canton				T.		0.8				0.8
Collins						5.0				5.0
Columbia						4.5				4.5
Columbus				T.		2.0				2.0
Corinth				3.3		1.0	T.			4.3
Crystal Springs						2.0				2.0
Edinburg				T.		2.0				2.0
Edwards						0.5				0.5
Enterprise						4.5				4.5
Fayette						1.2	T.			1.2
Fulton				T.		0.5				0.5
Hattiesburg						6.0				6.0
Hazlehurst						2.5				2.5
Hernando				3.0	T.	T.	T.			3.0
Hickory						5.0				5.0
Holly Springs				6.0		T.	1.0			7.0
Jackson						2.0				2.0
Kosciusko				T.		0.8				0.8
Lake						3.5				3.5
Laurel				T.		6.0				6.0
Leakesville						3.0				3.0
Louisville				T.		3.0	T.			3.0
McNeill						2.0				2.0
Macon				T.		2.0				2.0
Magnolia						5.0				5.0
Meridian				T.		3.7	T.			3.7
Monticello						4.2				4.2
Pontotoc				8.0		2.0	T.			10.0
Porterville						3.5				3.5
Port Gibson						0.4	T.			0.4
Shoccoe				T.		2.2				2.2
Shubuta						5.0				5.0
Suffolk						1.9	0.1			2.0
Tupelo				2.0		1.5				3.5
Utica					T.	2.0				2.0
Water Valley				4.0	T.	T.	T.			4.0
Waynesboro						5.0	T.			5.0
Woodville						2.0				2.0
Missouri.										
Amoret		1.0		3.5	1.0	13.0	1.2			19.7
Appleton City		4.0		6.0		26.0	1.0			37.0
Arlington		11.5		10.0	1.0	25.6	10.5			58.6
Avalon		2.5		3.5		16.5	4.0			26.5
Belle		(*)	(*)	9.0	8.0	24.5	.5	(*)		
Birchtree		T.		12.0	4.0	5.5	3.5			25.0
Bolivar		3.0		6.2	5.2	14.2	5.0			33.6
Boonville		(*)		6.5		2.5	8.5			
Brunswick		3.0		4.0	0.2	14.0	4.8			26.0
Cape Girardeau		(*)	(*)	3.0	3.0	6.0	3.0			
Cardwell				2.0	1.0	(*)	8.0			
Caruthersville		0.5		3.5		T.	8.0			12.0
Cassville		0.7		12.5	7.0	2.0	4.5			26.7
Clinton		1.0		4.0	T.	17.0	6.0			28.0
Columbia		2.9		8.0	1.6	15.1	5.5	T.		33.1
Conception		T.		2.0	1.0	11.5	4.0	T.		18.5
Crocker		6.0		8.0	9.0	17.0	6.0			46.0
Dean		T.		13.0	5.5	2.0	3.0			23.5
Doniphan				5.0	3.5	7.0	4.0	T.		19.5
Duncan		18.0		12.2	8.0	14.0	10.7	T.		62.9
Eldon		4.6		7.2	5.5	21.5	6.2	T.		45.0
Fayette		2.0		7.0	0.5	13.0	5.3			27.8
Fruit City		1.8		15.5	3.0	4.5	3.0			27.8
Fulton		T.		5.5	5.0	18.5	4.5			33.5
Gano		10.0		9.4	8.8	16.9	6.3	T.		51.4
Glasgow		4.0		7.0		13.0	4.0			28.0
Goodland		2.0		8.5	7.0	(*)	5.0			
Gorin		T.		2.3	1.0	5.8	0.4			9.5

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Missouri—Continued.										
Grant City	.....	T.	.....	3.0	2.0	8.0	2.0	.....	.....	15.0
Hannibal	.....	2.0	T.	4.7	2.6	20.7	2.7	T.	.....	32.7
Harrisonville	.....	5.0	.....	4.0	0.2	14.3	5.0	.....	.....	28.5
Hermann	.....	2.0	.....	3.0	7.0	23.0	6.0	.....	.....	41.0
Hollister	.....	4.0	.....	6.0	6.0	1.5	6.5	.....	.....	24.0
Houston	.....	6.0	.....	4.2	6.0	8.0	5.0	.....	.....	29.2
Ironton	.....	T.	T.	9.5	7.5	12.0	6.0	T.	.....	35.0
Jackson	.....	0.5	.....	6.0	5.0	10.0	8.0	.....	.....	29.5
Jefferson City	.....	1.0	.....	10.0	3.0	23.5	5.7	.....	.....	43.2
Joplin	.....	4.0	.....	9.0	3.0	5.5	1.0	T.	.....	22.5
Kansas City	.....	3.0	.....	4.0	0.1	14.3	5.1	.....	.....	26.5
Keytesville	.....	(*)	.....	5.0	.....	12.7	5.0	.....	.....	.....
Kidder	.....	2.0	.....	2.0	1.0	13.3	6.0	T.	.....	24.3
Koshkonong	.....	T.	.....	13.0	6.5	7.0	6.5	.....	.....	33.0
Lamar	.....	4.0	.....	4.0	2.0	11.0	3.5	T.	.....	24.5
Lamonte	.....	3.0	.....	5.5	.....	17.0	2.0	.....	.....	27.5
Lebanon	.....	6.0	.....	7.0	7.5	15.0	3.0	.....	.....	38.5
Lexington	.....	2.8	.....	2.7	0.2	13.7	5.0	.....	.....	24.4
Liberty	.....	2.0	.....	1.1	0.5	16.0	7.0	T.	.....	26.6
Lockwood	.....	5.0	.....	5.0	5.0	9.0	6.0	T.	.....	30.0
Louisiana	.....	6.5	.....	8.0	4.8	15.4	5.0	.....	.....	39.7
Macon	.....	3.0	.....	6.0	T.	14.0	1.0	T.	.....	24.0
Marble Hill	.....	T.	.....	5.0	4.0	5.0	3.5	.....	.....	17.5
Marshall	.....	2.0	T.	5.1	0.2	21.1	7.7	T.	.....	36.1
Maryville	.....	T.	.....	3.0	2.0	15.0	3.5	.....	.....	23.5
Mexico	.....	4.2	T.	10.1	2.0	23.9	6.5	.....	.....	46.7
Mountaingrove	.....	6.0	.....	8.0	4.0	7.0	4.0	.....	.....	29.0
Mount Vernon	.....	3.0	.....	7.0	3.0	5.0	3.5	T.	.....	21.5
Neosho	.....	0.5	.....	14.0	6.5	5.0	3.3	T.	.....	29.3
Nevada	.....	2.8	.....	4.0	0.8	25.2	2.5	.....	.....	35.3
New Madrid	.....	.....	.....	(*)	.....	3.0	6.0	.....	.....	.....
Oakfield	.....	3.9	.....	10.5	9.0	31.0	7.5	T.	.....	61.9
Oregon	.....	T.	.....	1.5	1.5	11.0	7.0	T.	.....	21.0
Palmyra	.....	3.2	.....	5.0	2.5	17.8	1.4	.....	.....	29.9
Rolla	.....	12.0	.....	7.0	6.0	27.0	9.0	.....	.....	61.0
St. Catherine	.....	3.0	.....	5.0	1.5	15.2	1.8	T.	.....	26.5
St. Charles	.....	1.0	.....	5.0	7.0	17.5	6.0	.....	.....	36.5
Springfield	.....	3.7	.....	8.2	6.2	7.5	4.4	T.	.....	30.0
St. Joseph	.....	T.	T.	1.7	.....	15.6	6.4	T.	.....	23.7
St. Louis (1)	.....	0.3	.....	11.2	6.5	23.5	5.2	T.	.....	46.7
St. Louis (2)	.....	2.4	.....	16.0	0.8	28.3	5.0	T.	.....	52.5
Steffenville	.....	1.0	.....	6.0	1.0	18.5	0.5	.....	.....	27.0
Sublett	.....	T.	(*)	9.5	T.	19.0	T.	.....	.....	.....
Trenton	.....	3.0	.....	2.6	1.0	10.1	2.0	T.	.....	18.7
Unionville	.....	1.0	.....	5.5	3.5	17.5	2.5	T.	.....	30.0
Vandalia	.....	2.0	.....	6.8	2.0	16.0	2.5	.....	.....	29.3
Warrensburg	.....	5.5	.....	7.5	0.2	18.7	4.8	.....	.....	36.7
Warrenton	.....	8.0	.....	6.2	7.0	15.5	4.0	.....	.....	40.7
Warsaw	.....	6.0	.....	10.5	5.0	22.5	6.0	.....	.....	50.0
Wheatland	.....	7.0	.....	9.0	6.0	26.0	8.0	.....	.....	56.0
Montana.										
Absarokee	8.0	4.1	.....	1.5	3.0	(*)	(*)	(*)	(*)	.....
Adel	8.0	41.0	5.0	3.5	3.5	15.7	24.5	4.0	9.0	114.2
Agricultural College	13.0	22.0	14.0	2.7	16.0	7.5	10.6	7.0	5.0	97.8
Anaconda	0.1	9.4	4.3	4.8	4.9	5.5	5.7	1.9	7.2	43.8
Augusta	.....	36.0	3.0	3.0	3.0	11.0	7.0	14.0	2.0	79.0
Bald Butte	11.5	35.8	11.6	4.2	20.6	26.0	28.8	19.7	30.5	188.7
Belton	(*)	(*)	(*)	5.7	42.2	9.2	21.0	.....	.....	.....
Bigtimber	1.0	19.0	1.0	1.0	4.0	5.0	4.0	3.0	3.5	41.5
Billings	.....	(*)	T.	3.0	2.5	9.0	4.8	.....	.....	.....
Blackleaf	1.0	24.5	3.5	1.0	2.5	3.7	6.2	1.5	8.0	51.9
Bowen	T.	6.0	3.3	7.4	14.1	7.8	2.3	5.7	1.4	48.0
Box Elder	T.	0.2	4.3	0.4	6.4	8.8	0.5	T.	.....	20.6
Brenner	(*)	(*)	8.2	(*)	11.5	5.6	(*)	5.4	T.	.....
Bridger	T.	11.5	T.	1.5	T.	T.	2.0	T.	.....	15.0
Browning	.....	12.0	4.5	.....	11.5	5.0	13.5	2.0	.....	48.5
Busby	11.5	11.0	1.0	2.0	6.5	5.9	11.5	T.	6.0	55.4
Busteed	T.	19.0	T.	2.5	2.8	11.5	5.0	4.3	2.0	47.1

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Montana—Continued.										
Butte	4.4	7.6	4.0	1.5	14.5	5.5	1.5	2.5	4.5	46.0
Cameron	(*)	(*)	10.3	5.8	6.0	13.7	(*)	4.0	2.0	.....
Canyon Ferry	.....	1.0	0.5	2.0	3.0	6.0	3.0	.....	.....	15.5
Cascade	T.	16.0	2.5	4.5	2.2	12.2	5.0	1.0	0.2	43.6
Chester	.....	T.	4.0	2.0	4.2	5.5	1.2	.....	.....	16.9
Chinook	.....	T.	.....	T.	2.9	12.9	3.5	T.	.....	19.3
Clydepark	4.0	14.0	2.5	1.0	3.0	7.0	3.5	4.0	6.0	45.0
Columbia Falls	.....	4.6	1.0	7.6	16.7	18.4	5.8	0.5	.....	54.6
Como	.....	4.0	T.	2.0	29.0	8.9	9.0	1.0	.....	53.9
Conrad	.....	8.0	0.5	T.	1.5	6.5	4.0	T.	T.	20.5
Copper	3.0	15.0	3.0	1.0	11.0	19.0	10.0	8.0	4.0	74.0
Crow Agency	5.0	T.	.....	T.	1.6	4.9	5.0	.....	.....	16.5
Culbertson	5.0	11.2	0.3	T.	8.0	3.0	11.0	1.0	(*)	.....
Cut Bank	.....	1.5	1.0	.....	2.0	3.0	3.5	1.0	.....	12.0
Dayton	.....	.....	0.5	3.0	5.5	9.5	T.	T.	.....	18.5
Denton	5.0	10.0	2.5	3.0	5.6	11.9	3.8	T.	4.2	46.0
Dillon	T.	16.5	1.7	2.7	2.1	9.2	3.2	10.0	2.0	47.4
Dunkirk	.....	T.	T.	T.	3.5	6.0	T.	T.	.....	9.5
East Anaconda	0.2	6.7	4.9	2.2	6.0	3.8	5.1	T.	11.7	40.6
Ekalaka	.....	T.	T.	T.	2.0	1.5	2.5	.....	.....	6.0
Fallon	.....	T.	.....	.....	0.8	3.2	4.0	0.6	.....	8.6
Findon	4.6	43.5	3.6	0.6	19.7	20.7	10.8	9.2	2.0	114.7
Flathead Creek	5.8	(*)	(*)	4.0	14.9	17.5	14.5	10.0	6.0	.....
Flatwillow	3.0	9.0	2.0	3.0	10.5	11.0	3.3	T.	3.0	44.8
Forsyth	0.2	.....	.....	1.0	7.3	5.5	(*)	(*)	(*)	.....
Fortine	.....	(*)	1.0	4.5	21.5	14.0	16.0	4.0	.....	.....
Fort Shaw	T.	13.7	3.8	0.8	T.	8.6	1.1	0.7	1.5	30.2
Foster	.....	T.	.....	1.6	2.0	1.9	1.4	.....	.....	6.9
Garneill	18.0	13.6	6.0	8.0	32.0	44.0	44.7	7.0	12.0	185.3
Geyser	.....	14.0	(*)	3.0	4.0	(*)	(*)	3.8	16.0	.....
Glacier Park	(*)	(*)	5.5	2.0	34.7	8.0	39.5	6.0	2.0	.....
Glendive	1.0	T.	T.	.....	3.2	8.8	10.5	1.5	.....	25.0
Goldbutte	.....	3.0	.....	0.2	4.3	11.4	2.0	T.	T.	20.9
Graham	2.0	2.0	T.	2.5	2.4	7.2	3.7	.....	6.0	25.8
Great Falls	.....	3.1	3.0	3.0	1.7	13.4	6.7	0.5	T.	31.4
Hamilton	.....	T.	T.	0.5	13.6	11.5	2.5	.....	.....	28.1
Harlowton	(*)	19.2	2.0	.....	4.5	6.8	8.5	4.9	0.2	.....
Hat Creek	8.8	29.1	8.3	7.7	23.4	17.8	18.7	12.5	18.0	144.3
Haugan	.....	0.7	18.5	9.5	50.5	20.5	7.0	0.6	1.0	108.3
Havre	.....	1.6	3.2	0.2	6.4	10.4	1.7	T.	.....	23.5
Hebgen Dam	T.	19.0	5.9	11.0	43.8	54.4	12.0	3.5	3.0	152.6
Helena	T.	13.6	T.	1.4	5.5	15.1	8.8	8.6	9.5	62.5
Heron	.....	T.	1.8	2.8	21.0	11.2	3.0	.....	.....	39.8
Highwood	6.0	18.5	4.6	2.6	5.7	10.7	10.5	1.8	3.2	63.6
Huntley	.....	2.0	.....	6.0	3.0	6.2	5.0	T.	2.0	24.2
Ingomar	(*)	(*)	(*)	(*)	5.3	7.6	4.7	.....	.....	.....
Kalispell	.....	1.3	1.4	4.8	10.9	16.2	7.3	T.	.....	41.9
Knoble's Ranch	.....	14.8	2.0	T.	8.0	11.5	4.0	T.	1.0	41.3
Lewiston	4.0	8.5	5.0	9.5	7.6	22.7	19.2	0.5	4.0	81.0
Libby	.....	T.	5.6	9.3	25.7	10.8	20.0	T.	.....	71.4
Lima	(*)	(*)	7.5	3.0	3.0	3.2	1.0	3.8	.....	.....
Lothair	.....	.....	2.5	1.5	3.5	7.5	2.0	T.	T.	17.0
Lytle	.....	7.5	0.6	T.	2.0	13.1	5.3	1.8	T.	30.3
Malta	.....	2.0	3.0	1.0	10.0	8.8	0.8	.....	T.	25.6
Medicine Lake	.....	12.0	3.0	1.0	8.0	2.0	8.0	6.0	1.5	41.5
Melstone	.....	2.0	.....	0.5	9.0	8.2	5.6	.....	.....	25.3
Mildred	4.0	T.	T.	T.	T.	1.0	2.0	T.	.....	7.0
Miles City	T.	T.	.....	0.1	3.6	10.6	2.5	0.2	6.0	23.0
Norris	16.0	13.0	3.3	2.7	4.3	3.0	0.6	0.2	4.0	47.1
Ovando	.....	10.0	2.2	6.0	35.7	26.5	6.0	1.8	2.0	90.2
Philipsburg	4.0	20.5	4.5	2.5	7.7	16.3	1.5	6.0	7.0	70.0
Pinegrove	6.0	34.5	7.0	4.2	11.5	15.9	28.2	9.7	7.5	124.5
Plains	.....	2.0	0.5	5.0	18.0	19.3	4.8	.....	2.0	51.6
Pleasant Valley	.....	5.0	2.9	9.5	25.7	26.9	11.5	9.2	1.0	92.7
Plevna	2.4	T.	1.1	0.4	7.9	6.7	8.9	1.1	5.8	34.3
Polson	(*)	(*)	.....	8.0	6.0	24.0	6.0	.....	.....	.....
Poplar	.....	6.0	T.	T.	6.7	3.4	8.1	T.	T.	24.2
Red Lodge	5.0	29.2	4.5	1.0	1.0	2.0	11.0	5.0	2.0	60.7
Renova	.....	7.0	3.0	T.	3.0	2.5	2.2	0.2	3.0	20.9

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Montana—Continued.										
Ryegate	.....	6.0	1.5	4.0	4.0	14.0	2.0	T.	T.	31.5
St. Ignatius	.....	T.	.....	6.1	2.1	16.0	3.6	.....	.....	27.8
St. Marys Lake	(*)	(*)	(*)	0.3	48.4	8.5	(*)	6.0	5.0	.....
Saltese	.....	8.6	20.0	11.0	(*)	(*)	(*)	(*)	(*)	.....
Savage	2.0	T.	1.0	T.	4.2	5.2	7.0	1.0	0.8	21.2
Shelby	.....	4.0	2.0	T.	2.5	7.7	1.5	T.	.....	17.7
Sidney	2.0	2.0	.....	T.	1.9	0.9	9.0	(*)	0.5	.....
Springbrook	5.0	1.5	3.2	0.4	5.4	13.1	18.9	0.6	4.0	52.1
Stacey	(*)	(*)	0.1	T.	9.2	14.0	6.0	T.	6.0	.....
Stevensville	.....	5.1	0.3	0.7	12.8	5.9	T.	1.6	.....	26.4
Sunlit Farm	.....	3.2	1.2	3.0	7.7	1.1	5.9	.....	1.0	23.1
Sun River Canyon	.....	12.0	4.5	.....	8.0	11.3	8.0	3.0	0.8	47.6
Thompson Falls	.....	T.	1.5	2.2	11.0	11.5	5.0	T.	1.5	32.7
Three Forks	.....	6.0	4.1	2.7	2.0	2.9	1.5	0.5	2.0	21.7
Trout Creek	.....	(*)	2.0	17.0	7.0	9.0	13.0	.....	.....	.....
Utica	3.0	19.2	6.5	5.0	6.3	5.6	9.2	T.	3.0	57.8
Valentine	.....	2.5	3.0	1.5	2.6	6.0	2.5	1.0	1.0	20.1
Valier	.....	6.1	2.0	.....	3.0	5.5	2.2	2.0	.....	20.8
Victor	.....	(*)	T.	1.3	6.6	2.4	T.	1.0	.....	.....
Wall Rock Mountain	.....	12.0	7.5	6.8	12.3	14.5	3.7	(*)	(*)	.....
Wheaton	T.	11.0	.....	6.0	15.0	13.0	14.0	1.5	3.0	63.5
White Sulphur Springs	3.0	13.0	2.0	2.0	5.0	13.0	12.0	1.2	10.0	61.2
Wibaux	(*)	(*)	(*)	(*)	1.6	3.0	2.0	T.	9.0	.....
Wilder	.....	T.	0.5	0.5	2.5	10.5	3.0	T.	T.	17.0
Wolf Creek	.....	(*)	.....	1.1	2.0	2.7	2.3	T.	T.	.....
Zortman	(*)	(*)	(*)	1.0	12.9	12.4	9.0	.....	3.0	.....
Nebraska.										
Ainsworth	.....	1.0	T.	(*)	2.3	(*)	11.0	T.	.....	.....
Albion	.....	T.	T.	2.0	2.0	2.2	7.0	.....	.....	13.2
Alliance	.....	1.0	T.	7.5	5.0	4.5	4.0	0.5	.....	22.5
Alma	.....	.....	.....	2.0	1.5	6.0	0.5	.....	.....	10.0
Arcadia	.....	(*)	(*)	4.0	T.	4.5	2.0	0.1	.....	.....
Arden	.....	0.5	0.3	2.0	T.	1.5	14.0	T.	.....	18.3
Ashland	.....	0.5	.....	1.0	1.0	8.9	5.0	T.	.....	16.4
Atkinson	.....	(*)	(*)	0.5	(*)	3.5	8.0	(*)	.....	.....
Auburn	.....	0.5	.....	5.0	2.0	15.5	6.0	T.	.....	29.0
Beatrice	.....	(*)	.....	(*)	0.5	10.4	4.0	(*)	.....	.....
Beaver City	.....	.....	.....	4.0	2.0	6.0	T.	.....	.....	12.0
Bellevue	.....	0.3	.....	1.0	(*)	11.2	3.0	.....	.....	.....
Bertrand	.....	(*)	(*)	5.0	(*)	7.0	T.	(*)	.....	.....
Blair	.....	1.0	.....	2.0	2.0	2.5	1.5	.....	.....	9.0
Blake	.....	0.2	T.	3.0	T.	6.5	7.0	(*)	.....	.....
Bloomfield	.....	2.0	0.5	0.2	2.5	2.0	5.0	T.	.....	12.2
Bradshaw	.....	.....	.....	2.8	0.5	9.0	4.0	.....	.....	16.3
Brewster	.....	(*)	.....	2.0	0.5	5.4	4.7	T.	.....	.....
Broken Bow	.....	T.	.....	4.5	.....	4.5	5.5	T.	.....	14.5
Bruning	.....	0.5	.....	3.0	(*)	9.2	3.5	T.	.....	.....
Butte	.....	1.5	0.5	T.	1.5	5.0	6.0	.....	.....	14.5
Cairo	.....	(*)	(*)	(*)	T.	8.5	4.0	(*)	.....	.....
Calloway	.....	(*)	(*)	(*)	1.0	4.0	2.0	(*)	.....	.....
Cambridge	.....	(*)	(*)	4.0	2.0	4.0	T.	T.	.....	.....
Crete	.....	0.2	.....	3.8	1.2	16.6	4.5	.....	.....	26.3
Culbertson	.....	.....	.....	1.0	0.3	6.5	T.	.....	.....	7.8
Curly	.....	(*)	(*)	4.0	3.5	5.5	1.5	1.8	.....	.....
Curtis	.....	T.	(*)	4.0	4.0	14.0	(*)	(*)	.....	.....
David City	.....	T.	.....	4.5	0.5	12.1	10.7	T.	.....	27.8
Du Bois	.....	0.2	.....	1.0	0.7	15.0	6.5	.....	.....	23.4
Dumas	.....	1.0	.....	1.0	T.	4.5	2.0	.....	.....	8.5
Ewing	.....	T.	T.	1.0	2.0	2.1	7.5	(*)	.....	.....
Fairbury	.....	T.	.....	2.0	1.0	13.8	3.0	.....	.....	19.8
Fairmont	.....	2.0	.....	3.0	0.5	7.5	3.0	.....	.....	16.0
Falls City	.....	T.	.....	2.0	(*)	12.2	7.5	T.	.....	.....
Fort Robinson	.....	3.3	0.7	(*)	(*)	9.2	3.5	(*)	.....	.....
Franklin	.....	T.	.....	3.5	1.5	6.4	T.	.....	.....	11.4
Fremont	.....	T.	.....	T.	0.8	10.0	7.0	.....	.....	17.8
Fullerton	.....	T.	(*)	2.0	.....	5.5	7.0	(*)	.....	.....
Geneva	.....	0.2	(*)	2.1	0.4	15.7	3.8	T.	.....	.....
Genoa	.....	T.	T.	2.0	0.8	3.3	7.0	T.	.....	13.1

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Nebraska—Continued.										
Gosper	.....	.....	.....	4.0	1.0	6.5	T.	.....	.....	11.5
Gothenburg	.....	T.	.....	2.0	0.4	9.0	T.	T.	.....	11.4
Grand Island	.....	T.	.....	5.0	T.	8.2	4.0	.....	.....	17.2
Grant	.....	T.	(*)	2.0	3.2	3.1	0.4	1.5	.....	.....
Greeley	.....	0.3	0.5	0.1	0.4	(*)	(*)	(*)	.....	.....
Guide Rock	.....	T.	.....	2.0	2.0	7.5	0.2	T.	.....	11.7
Halsey	.....	(*)	.....	1.5	1.5	9.0	2.0	T.	.....	.....
Hartington	.....	2.0	0.5	1.0	4.4	6.2	4.0	T.	.....	18.1
Hastings	.....	T.	.....	3.5	1.5	9.1	2.5	.....	.....	16.6
Hayes Center	.....	(*)	(*)	12.0	4.0	10.0	1.0	(*)	.....	.....
Hay Springs	.....	3.0	T.	8.0	4.5	7.0	4.0	T.	.....	26.5
Hebron	.....	T.	.....	2.0	0.7	9.8	2.5	.....	.....	15.0
Hendley	.....	(*)	(*)	6.0	1.0	7.5	(*)	(*)	.....	.....
Hershey	.....	.....	.....	6.5	2.0	10.0	(*)	(*)	.....	.....
Hillside	.....	0.5	T.	4.8	4.0	6.1	1.6	0.1	T.	17.1
Holdrege	.....	T.	.....	3.0	0.1	7.0	T.	T.	.....	10.1
Hull	.....	T.	2.0	(*)	T.	3.0	1.8	0.1	.....	.....
Imperial	.....	T.	T.	(*)	2.2	0.7	T.	3.0	.....	.....
Kearney	.....	(*)	(*)	4.0	0.5	9.5	0.5	(*)	.....	.....
Kimball	.....	T.	T.	15.5	T.	2.5	1.0	2.5	.....	21.5
Kirkwood	.....	T.	.....	T.	T.	6.0	4.0	T.	.....	10.0
Lincoln	.....	0.5	.....	1.1	0.6	11.2	8.8	T.	.....	22.2
Lodgepole	.....	2.0	T.	15.0	T.	4.0	T.	T.	.....	21.0
Loup City	.....	(*)	(*)	3.0	1.0	3.2	1.5	(*)	.....	.....
Lynch	.....	0.8	1.0	1.0	1.7	3.7	5.7	T.	.....	13.9
McCook	.....	(*)	.....	2.0	(*)	11.0	T.	(*)	.....	.....
Madison	.....	0.5	.....	2.0	1.0	8.0	10.0	.....	.....	21.5
Marquette	.....	T.	.....	4.5	0.2	16.8	4.5	T.	.....	26.0
Mary	.....	T.	(*)	T.	T.	7.5	4.7	.....	.....	.....
Minatare	.....	(*)	(*)	2.0	.....	3.0	(*)	(*)	.....	.....
Minden	.....	.....	.....	2.8	1.5	(*)	0.4	(*)	.....	.....
Mitchell	.....	0.4	0.1	5.0	0.5	3.5	0.5	0.7	.....	10.7
Nebraska City	.....	0.5	(*)	6.0	(*)	15.0	6.0	(*)	.....	.....
Nelson	.....	T.	2.0	2.0	1.0	4.5	1.0	.....	.....	10.5
Norfolk	.....	0.5	T.	0.5	2.5	8.8	9.5	T.	T.	21.8
North Loup	.....	T.	(*)	2.5	T.	4.4	3.0	T.	.....	.....
North Platte	.....	T.	T.	1.9	1.8	9.7	T.	T.	.....	13.4
Oakdale	.....	1.0	0.5	0.5	2.0	4.7	4.9	T.	.....	13.6
Omaha	.....	0.3	.....	1.0	2.2	12.3	1.8	T.	.....	17.6
O'Neill	T.	1.7	T.	0.5	(*)	(*)	(*)	T.	.....	.....
Osceola	.....	.....	.....	6.5	T.	6.0	6.0	.....	.....	18.5
Oshkosh	.....	(*)	(*)	4.8	T.	7.0	T.	(*)	.....	.....
Pawnee City	.....	T.	.....	2.5	0.9	8.5	5.0	.....	.....	16.9
Paxton	.....	T.	.....	(*)	3.5	6.0	T.	T.	.....	.....
Plymouth	.....	1.4	(*)	(*)	(*)	14.1	2.8	(*)	.....	.....
Purdum	.....	T.	.....	0.7	0.7	7.1	2.7	T.	.....	11.2
Ravenna	.....	T.	.....	6.0	1.0	7.5	2.5	T.	.....	17.0
Red Cloud	.....	T.	T.	2.5	2.0	9.4	0.5	T.	.....	14.4
St. Libory	.....	T.	.....	4.0	0.8	9.0	8.0	.....	.....	21.8
St. Paul	.....	.....	T.	3.0	T.	5.8	3.4	.....	.....	12.2
Schuyler	.....	T.	.....	1.2	0.4	10.8	5.1	.....	.....	17.5
Scottsbluff	.....	0.8	0.8	16.2	1.3	6.7	1.1	2.4	.....	29.3
Seward	.....	T.	.....	2.0	T.	10.0	6.0	.....	.....	18.0
Sidney	.....	1.3	(*)	22.0	.....	7.0	0.5	3.0	T.	.....
Springfield	.....	T.	.....	0.5	2.0	9.0	3.5	.....	.....	15.0
Stanton	.....	1.0	.....	2.0	5.5	8.0	10.0	T.	.....	26.5
Stratton	.....	(*)	(*)	3.0	2.0	3.0	(*)	2.0	.....	.....
Superior	.....	.....	(*)	2.0	(*)	7.0	(*)	T.	.....	.....
Syracuse	.....	0.3	.....	6.0	2.5	17.0	9.0	.....	.....	34.8
Table Rock	.....	0.2	.....	4.0	1.5	11.5	7.0	.....	.....	24.2
Tecumseh	.....	T.	(*)	1.4	1.2	12.0	5.5	(*)	.....	.....
Tekamah	.....	1.0	.....	0.5	2.5	3.5	0.5	(*)	.....	.....
University Farm	.....	(*)	.....	1.1	0.8	12.2	9.5	(*)	.....	.....
Upland	.....	T.	(*)	1.0	(*)	2.5	(*)	T.	.....	.....
Valentine	.....	T.	T.	0.7	0.8	5.8	5.2	0.1	T.	12.6
Wahoo	.....	3.0	(*)	(*)	0.2	12.0	8.0	(*)	.....	.....
Wakefield	.....	0.9	0.7	T.	4.2	4.6	2.7	T.	.....	13.1
Walthill	.....	0.5	.....	T.	1.6	1.7	2.5	T.	.....	6.3
Watertown	.....	.....	(*)	4.0	1.0	5.6	0.2	(*)	.....	.....

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Nebraska—Continued.										
Wauneta	.....	(*)	(*)	6.0	1.0	8.5	(*)	(*)	.....	.....
Weeping Water	.....	0.5	.....	1.0	1.0	12.2	6.2	.....	.....	20.9
Westpoint	.....	2.0	.....	(*)	2.0	6.0	3.0	.....	.....	.....
York	.....	0.5	.....	4.0	0.5	12.5	6.0	T.	.....	23.5
Nevada.										
Arthur	.....	.....	2.0	35.0	39.0	18.0	.....	17.0	.....	111.0
Battle Mountain	.....	T.	3.5	7.5	2.0	2.5	(*)	T.	.....	.....
Beowawe	.....	T.	3.0	7.1	3.0	T.	.....	.....	.....	13.1
Caliente	.....	.....	.....	6.0	.....	.....	.....	.....	.....	6.0
Cherry Creek	T.	.....	1.5	10.0	32.8	6.2	5.0	29.5	.....	85.0
Clover Valley	.....	.....	0.6	11.0	(*)	(*)	(*)	(*)	(*)	.....
Columbia	.....	.....	0.4	4.0	4.0	(*)	T.	5.4	.....	.....
Dry Farm	.....	.....	4.0	23.0	(*)	.....	6.0	1.0	.....	.....
Elko	.....	T.	2.5	8.8	11.3	3.6	0.6	.....	.....	26.8
Eureka	.....	0.2	10.0	11.5	39.0	8.0	6.0	14.4	.....	89.1
Fallon	.....	.....	1.0	1.9	.....	.....	.....	.....	.....	2.9
Fernley	.....	.....	0.5	6.8	(*)	(*)	.....	(*)	.....	.....
Gardnerville	.....	.....	2.4	2.0	8.8	(*)	.....	(*)	.....	.....
Gerlach	.....	.....	0.2	7.3	(*)	T.	T.	T.	.....	.....
Geyser	.....	(*)	(*)	7.0	30.6	(*)	(*)	(*)	.....	.....
Glenbrook	.....	.....	7.3	33.0	128.0	28.0	.....	11.0	.....	207.3
Golconda	.....	.....	.....	10.7	1.0	(*)	(*)	(*)	.....	.....
Gold Creek	(*)	(*)	11.0	8.0	24.0	8.5	3.3	(*)	0.1	.....
Halleck	.....	.....	3.0	8.0	12.5	3.0	6.0	.....	.....	32.5
Hylton	.....	T.	2.0	20.5	13.5	2.0	6.0	.....	.....	44.0
Indian Springs	.....	.....	.....	2.0	.....	.....	.....	.....	.....	2.0
Jack Creek	(*)	16.0	13.5	27.0	51.8	17.5	(*)	8.0	.....	.....
Lahontan	.....	T.	0.2	9.3	1.3	0.3	.....	.....	.....	11.1
Lewers Ranch	.....	.....	2.0	16.0	69.0	7.0	T.	(*)	(*)	.....
Lida	.....	T.	6.3	7.6	5.0	.....	.....	.....	.....	18.9
McDermit	.....	0.8	1.5	15.3	5.0	0.4	1.2	T.	.....	24.2
McGill	.....	.....	3.8	6.2	20.3	3.6	0.8	T.	.....	34.7
Marlette Lake	(*)	(*)	(*)	85.5	159.5	34.0	0.5	21.0	1.0	.....
Metropolis	.....	.....	2.0	17.0	21.5	6.5	2.0	T.	.....	49.0
Millett	.....	.....	.....	2.0	(*)	2.0	.....	(*)	.....	.....
Mina	.....	.....	.....	11.1	T.	.....	.....	.....	.....	11.1
North Fork	.....	7.0	14.0	28.0	9.7	1.7	2.0	0.5	.....	62.9
Oasis Ranch	.....	.....	6.0	10.0	T.	(*)	.....	(*)	.....	.....
Potts	.....	.....	0.7	7.0	15.0	1.0	4.0	17.5	.....	45.2
Quinn River Ranch	.....	.....	.....	18.0	(*)	.....	.....	.....	.....	.....
Rebel Creek	.....	(*)	(*)	(*)	3.0	0.5	1.0	T.	.....	.....
Reno	.....	.....	0.3	9.0	22.3	0.7	T.	T.	.....	32.3
Rhyolite	(*)	(*)	(*)	.....	.....	.....	.....	.....	.....	.....
Rochester	T.	T.	20.5	7.8	23.5	(*)	(*)	T.	.....	.....
Rose Creek	.....	.....	9.4	8.0	21.0	5.0	2.0	2.0	.....	47.4
Sand Pass	(*)	(*)	T.	6.0	(*)	(*)	.....	(*)	.....	.....
San Jacinto	.....	0.1	3.5	6.3	6.5	4.5	8.0	(*)	(*)	.....
Searchlight	(*)	(*)	(*)	.....	.....	.....	.....	.....	.....	.....
Shafter	(*)	(*)	(*)	(*)	(*)	(*)	6.1	T.	.....	.....
Smith	.....	.....	6.0	5.7	24.0	1.0	.....	.....	.....	36.7
Tecoma	.....	T.	(*)	1.7	2.0	4.5	2.0	.....	.....	.....
Tonopah	.....	.....	3.0	4.4	2.5	T.	.....	T.	.....	9.9
Wells	.....	.....	2.0	11.5	12.0	5.0	8.5	0.5	.....	39.5
Winnemucca	.....	0.1	1.7	9.4	3.5	0.3	0.1	T.	.....	15.1
Yerington	(*)	(*)	0.6	3.0	2.1	1.0	.....	.....	.....	6.7
New Hampshire.										
Bethlehem	.....	0.5	3.3	12.0	11.0	15.5	13.0	4.8	.....	60.1
Brookline	.....	.....	12.0	6.5	13.3	27.0	8.5	4.5	.....	71.8
Concord	.....	T.	6.4	11.4	13.7	17.6	8.5	2.0	0.5	60.1
Grafton	.....	.....	6.0	20.5	13.5	21.0	12.0	9.5	2.0	84.5
New Jersey.										
Asbury Park	.....	.....	.....	T.	T.	(*)	42.0	.....	.....	.....
Atlantic City	.....	.....	.....	T.	T.	9.9	23.6	.....	.....	33.5
Bayonne	.....	.....	T.	0.2	1.2	16.0	17.0	.....	.....	34.4
Belvidere	.....	.....	.....	1.5	(*)	13.0	17.5	.....	.....	.....

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New Jersey—Continued.										
Bergen Point	.....	.....	T.	T.	1.7	19.5	16.5	.....	.....	37.7
Boonton	.....	.....	T.	0.3	7.1	10.5	11.3	T.	.....	29.2
Bridgeton	.....	.....	.....	T.	T.	9.0	19.0	.....	.....	28.0
Burlington	.....	.....	T.	0.2	2.4	14.8	17.3	.....	.....	34.7
Cape May	.....	.....	.....	T.	0.2	11.6	20.8	.....	.....	32.6
Charlotteburg	.....	.....	.....	0.1	0.8	15.0	25.0	T.	.....	40.9
Chatham	.....	.....	.....	1.0	3.5	15.5	16.5	.....	.....	36.5
Clayton	.....	.....	.....	.....	2.0	(*)	23.0	(*)	(*)	.....
Culvers Lake	.....	T.	0.4	5.8	9.4	17.9	27.3	0.8	.....	61.6
Dover	.....	.....	.....	1.0	4.0	13.5	28.1	.....	.....	46.6
Elizabeth	.....	.....	T.	1.0	1.5	18.8	18.0	T.	.....	39.3
Flemington	.....	.....	T.	T.	1.0	14.0	22.5	.....	.....	37.5
Haddonfield	.....	.....	T.	0.2	3.4	18.5	27.5	.....	.....	49.6
Highwood	.....	.....	T.	0.5	3.4	16.7	15.0	T.	.....	35.6
Imlaystown	.....	.....	.....	1.0	(*)	(*)	34.0	.....	.....	.....
Indian Mills	.....	.....	.....	0.5	3.0	13.5	30.5	.....	.....	47.5
Jersey City	.....	T.	T.	0.4	1.8	17.8	18.1	T.	.....	38.1
Lakewood	(*)	(*)	.....	T.	T.	13.5	26.0	T.	.....	.....
Lambertville	(*)	(*)	.....	(*)	0.5	15.0	12.0	.....	.....	.....
Little Falls	.....	.....	.....	0.5	7.3	12.5	14.7	.....	.....	35.0
Long Branch	.....	.....	.....	0.3	1.0	20.8	34.2	.....	.....	56.3
Mahwah	.....	.....	.....	T.	4.7	19.0	22.0	.....	.....	45.7
Moorestown	.....	.....	.....	T.	2.0	15.0	22.8	.....	.....	39.8
Newark	.....	.....	T.	0.7	1.6	23.2	12.6	T.	.....	38.1
New Brunswick	.....	.....	T.	0.7	1.2	18.9	13.6	.....	.....	34.4
Newton	.....	.....	T.	4.5	5.7	17.5	17.0	.....	.....	44.7
Northfield	.....	.....	.....	T.	0.6	7.5	18.4	.....	.....	26.5
Paterson	.....	T.	T.	0.4	2.4	17.7	17.8	T.	.....	38.3
Phillipsburg	.....	.....	T.	2.0	2.2	19.5	16.2	.....	.....	39.9
Plainfield	.....	T.	T.	0.7	0.9	17.8	22.9	.....	.....	42.3
Pleasantville	.....	.....	.....	T.	(*)	(*)	(*)	.....	.....	.....
Pompton Plains	.....	.....	.....	T.	3.0	15.0	17.0	.....	.....	35.0
Somerville	.....	.....	T.	0.5	0.2	9.0	18.0	.....	.....	27.7
South Orange	.....	T.	T.	1.0	1.0	18.0	19.0	T.	.....	39.0
Sussex	.....	.....	.....	3.5	9.5	18.2	12.0	0.5	.....	43.7
Trenton	.....	.....	T.	0.5	1.5	17.1	18.8	.....	.....	37.9
Tuckerton	.....	.....	.....	0.2	1.0	10.5	28.5	.....	.....	40.2
Vineland	.....	.....	.....	0.2	1.0	7.0	17.0	.....	.....	25.2
Woodbine	.....	.....	.....	.....	0.3	(*)	12.3	.....	.....	.....
New Mexico.										
Abbott	3.0	T.	1.5	12.5	.....	4.0	2.0	2.0	.....	25.0
Agricultural College	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Alamogordo (near)	.....	.....	.....	T.	T.	T.	1.0	.....	.....	1.0
Alamogordo	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Alamos Ranch	6.0	.....	8.0	24.5	3.0	0.9	9.0	T.	.....	51.4
Albert	.....	.....	2.0	6.0	.....	.....	T.	.....	.....	8.0
Albuquerque	.....	.....	.....	7.8	.....	.....	0.1	.....	.....	7.9
Alma	.....	.....	.....	1.5	T.	.....	T.	.....	.....	1.5
Ancho	.....	.....	0.5	10.5	0.5	4.0	T.	1.2	.....	16.7
Anchor Mine	21.0	4.0	20.0	93.0	31.0	26.0	27.0	81.0	32.0	335.0
Aragon	.....	.....	.....	21.0	8.0	.....	3.0	.....	.....	32.0
Artesia	.....	.....	.....	.....	0.4	0.5	1.0	2.0	.....	3.9
Aspen Grove Ranch	11.8	1.8	18.3	30.0	9.4	12.7	18.0	21.9	15.6	139.5
Aurora	4.0	0.5	6.0	23.5	4.5	7.0	12.0	10.5	6.0	74.0
Aztec	T.	.....	T.	13.0	6.0	.T	T.	.....	.....	19.0
Batemans Ranch	13.7	T.	23.3	31.9	15.9	8.1	9.7	14.7	3.5	120.8
Bell Ranch	T.	T.	.....	8.0	.....	2.0	1.0	.....	.....	11.0
Berino	.....	.....	.....	.....	.....	.....	1.5	.....	.....	1.5
Black Lake	.....	.....	7.7	16.3	1.8	10.6	13.0	13.0	6.5	68.9
Bloomfield	T.	.....	T.	8.9	6.3	0.8	T.	T.	.....	16.0
Bluewater	T.	.....	T.	3.0	T.	T.	T.	T.	.....	3.0
Boaz	.....	.....	.....	6.0	.....	1.0	.....	.....	.....	7.0
Cabeza	2.0	T.	0.2	5.0	T.	0.5	4.5	0.5	.....	12.7
Cambray	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Campana	.....	.....	2.5	8.5	.....	2.0	3.0	1.0	.....	17.0
Capitan	0.5	.....	0.2	19.0	3.5	0.5	2.0	9.0	.....	34.7
Carlsbad	.....	.....	.....	T.	0.2	.....	1.0	.....	.....	1.2
Carrizozo	.....	.....	.....	5.0	T.	T.	.....	(*)	.....	.....

Monthly and seasonal snowfall, 1913-1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New Mexico—Continued.										
Cerrillos (near)	.....	.....	T.	10.9	4.5	3.0	5.0	10.0	.....	33.4
Chacon	.....	.....	5.5	21.5	.....	9.0	15.0	12.0	4.0	67.0
Chama	5.0	1.0	11.0	57.5	31.0	18.0	10.0	19.0	8.0	160.5
Cimarron (near)	T.	0.5	2.0	25.5	T.	3.5	6.5	6.0	1.0	45.0
Clayton	2.0	1.5	9.0	13.0	4.0	2.8	1.2	4.0	.....	37.5
Cliff	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Clovis	.....	.....	.....	7.5	.....	0.5	0.5	2.0	.....	10.5
Cloudcroft	4.0	.....	12.1	48.0	9.0	8.0	15.0	4.0	.....	100.1
Columbus	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Corona	8.0	.....	8.0	13.0	2.5	4.0	1.5	16.0	.....	53.0
Coyote	.....	.....	.....	7.0	2.0	.....	T.	.....	.....	9.0
Crystal	3.0	.....	2.0	14.5	7.0	6.0	(*)	(*)	(*)	.....
Cuervo	.....	.....	1.0	9.0	T.	2.0	1.0	1.0	.....	14.0
Cundiyo	.....	.....	2.1	9.0	0.3	1.4	9.0	7.0	.....	28.8
Dawson	0.5	.....	5.0	21.5	T.	0.5	4.5	4.0	.....	36.0
Deming	.....	.....	.....	.....	T.	.....	.....	.....	.....	T.
Demonstration Farm	5.0	.....	(*)	(*)	T.	3.0	3.0	3.0	.....	.....
Dulce	T.	.....	.....	31.0	15.0	5.0	6.5	(*)	(*)	.....
Duran	8.0	.....	3.0	14.0	4.0	6.0	4.5	4.0	.....	43.5
Elizabethtown	7.0	0.5	10.5	16.5	3.0	10.5	18.0	17.0	T.	83.0
Escondido	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Espanola	.....	.....	.....	8.0	T.	T.	0.5	T.	.....	8.5
Estancia	1.0	.....	4.2	11.4	T.	3.5	1.5	1.5	.....	23.1
Folsom	(*)	(*)	(*)	(*)	(*)	4.5	11.5	10.0	8.0	.....
Fluorine	.....	.....	T.	14.0	T.	T.	T.	1.0	.....	15.0
Fort Bayard	.....	.....	T.	13.4	3.1	.....	1.5	.....	.....	18.0
Fort Stanton	T.	.....	T.	14.5	3.0	4.0	2.0	9.0	.....	32.5
Fort Sumner	.....	.....	.....	5.0	.....	T.	1.0	6.0	.....	12.0
Fort Union	10.0	T.	.....	17.0	T.	T.	1.0	5.0	.....	33.0
Fruitland	.....	.....	.....	9.8	4.0	.....	.....	.....	.....	13.8
Gage	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Gallinas	6.0	.....	2.0	15.0	4.5	4.0	2.0	6.0	.....	39.5
Gallinas Planting Station	4.7	.....	4.0	14.6	2.2	8.0	12.5	6.0	.....	52.0
Gila Planting Station	.....	.....	T.	20.0	5.2	.....	2.0	.....	.....	27.2
Glorieta Ranch	.....	.....	.....	16.0	.....	.....	.....	.....	.....	16.0
Hachita	.....	.....	.....	.....	.....	.....	0.5	.....	.....	0.5
Harveys Upper Ranch	8.5	0.5	17.0	21.8	11.0	6.8	33.1	15.6	9.2	123.5
Hayden (near)	.....	2.0	8.0	9.0	T.	1.5	3.0	0.5	.....	24.0
Haynes	T.	.....	T.	24.8	10.0	1.5	T.	T.	.....	36.3
Hermanes	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Hermosa	.....	.....	.....	25.4	1.0	T.	18.0	1.0	.....	45.4
Hobbs	.....	.....	.....	0.2	0.8	T.	1.2	1.0	.....	3.2
Hondo Reservoir	.....	.....	.....	3.0	0.5	1.0	1.0	3.0	.....	8.5
Hoosier Ranch	4.5	.....	2.0	12.0	T.	1.0	0.5	0.5	.....	20.5
Jemez Springs	1.0	.....	1.0	19.0	3.0	T.	T.	1.0	.....	25.0
Johnsons Park	T.	4.5	1.0	21.5	.....	T.	5.0	2.0	.....	34.0
Johnsons Ranch	T.	T.	2.0	15.0	.....	1.5	T.	.....	.....	18.5
Kappus	.....	.....	.....	T.	.....	.....	.....	(*)	.....	.....
Knowles (near)	.....	.....	.....	T.	T.	T.	T.	.....	.....	T.
Laguna	.....	.....	T.	16.0	.....	.....	4.0	.....	.....	20.0
Lake Valley	.....	.....	T.	5.8	1.0	.....	5.0	T.	.....	11.8
Lakewood (near)	.....	.....	.....	.....	T.	.....	T.	.....	.....	T.
Lanark	.....	.....	.....	.....	.....	T.	0.5	.....	.....	0.5
Las Vegas	8.0	.....	0.5	9.1	T.	2.0	3.0	6.0	.....	28.6
Logan	.....	2.0	0.2	2.5	.....	T.	T.	0.5	.....	5.2
Lordsburg	.....	.....	.....	0.2	T.	.....	.....	.....	.....	0.2
Los Lunas (near)	.....	.....	.....	5.5	.....	.....	.....	.....	.....	5.5
Luna	.....	.....	T.	17.5	1.0	1.5	1.0	T.	.....	21.0
Lykins (near)	.....	.....	.....	11.0	.....	T.	.....	6.0	.....	17.0
Magdalena	.....	.....	T.	11.5	T.	T.	6.0	T.	.....	17.5
Maxwell (near)	.....	.....	.....	17.5	.....	.....	3.0	6.5	.....	27.0
Melrose	.....	.....	.....	9.0	T.	T.	2.0	2.0	.....	13.0
Mescalero	.....	.....	1.6	25.2	1.5	.....	4.0	2.8	.....	35.1
Miami Ranch	.....	.....	3.5	16.5	1.0	4.0	6.0	6.0	.....	37.0
Mills (near)	4.0	.....	0.3	16.0	1.0	2.0	3.0	2.0	.....	28.3
Mimbres	.....	.....	.....	14.0	T.	.....	1.5	.....	.....	15.5
Mineral Hill	5.0	T.	2.0	10.0	T.	1.0	8.0	8.0	.....	34.0
Monterey	.....	.....	.....	2.5	T.	T.	2.0	3.0	.....	7.0
Montoya	.....	.....	3.0	8.0	2.0	3.0	3.0	1.0	.....	20.0

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New Mexico—Continued.										
Mountain Park	.....	.....	2.0	20.5	2.5	.....	3.0	2.0	.....	30.0
Newman	.....	.....	.....	.....	.....	.....	0.5	.....	.....	0.5
Nogal (near)	6.0	.....	6.4	30.5	13.0	4.5	6.0	13.0	.....	79.4
Orogrande	.....	.....	.....	T.	.....	.....	T.	T.	.....	T.
Oscura (No. 1)	.....	.....	.....	4.0	T.	.....	.....	.....	.....	4.0
Oscura (No. 2)	.....	.....	.....	4.0	T.	.....	T.	.....	.....	4.0
Palo Verde	2.0	0.5	2.0	13.5	0.5	2.2	4.2	2.5	.....	27.4
Pasamonte	.....	.....	2.0	9.0	.....	.....	2.5	1.0	.....	14.5
Pastura	3.0	.....	3.0	13.8	T.	2.0	3.0	.....	.....	24.8
Pinos Altos (near)	.....	.....	0.5	25.1	5.0	2.0	1.0	.....	.....	33.6
Plainview (near)	.....	.....	.....	3.5	.....	T.	2.0	1.5	.....	7.0
Pleasant View	.....	.....	2.5	11.8	.....	1.5	2.5	.....	.....	18.3
Raton	T.	0.5	0.5	28.2	.....	2.0	3.0	4.0	2.0	40.2
Red River Canyon	4.0	3.0	14.0	42.5	14.0	13.0	13.0	45.0	12.0	160.5
Redrock	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Richland	.....	.....	.....	6.0	.....	T.	T.	0.5	.....	6.5
Rio Grande Dam	.....	.....	.....	7.5	1.5	.....	2.5	1.0	.....	12.5
Rio Grande Industrial School	.....	.....	.....	6.4	.....	.....	.....	.....	.....	6.4
Rociada	5.8	T.	7.4	16.5	T.	2.3	17.0	10.0	.....	59.0
Rodeo	.....	.....	.....	.....	.....	.....	T.	.....	.....	T.
Rosedale	.....	.....	T.	14.6	1.0	.....	3.5	.....	.....	19.1
Roswell	.....	.....	.....	5.4	0.6	0.4	0.6	2.9	.....	9.9
Roy	2.0	T.	4.0	14.5	T.	2.0	2.3	2.0	.....	26.8
Saint Vrain (near)	.....	.....	.....	5.0	1.0	1.5	0.5	T.	.....	8.0
San Jon	.....	1.0	1.0	8.0	1.0	2.0	2.0	1.0	.....	16.0
San Marcial	.....	.....	.....	3.9	.....	.....	(*)	.....	.....	.....
San Rafael	.....	.....	0.2	12.5	T.	0.5	0.2	T.	.....	13.4
Santa Fe	0.5	.....	2.0	9.7	0.6	5.9	7.0	1.5	0.2	27.4
Santa Fe Canyon	1.0	.....	7.5	22.0	1.5	4.5	10.8	4.0	.....	51.3
Santa Rosa (No. 1)	T.	.....	T.	8.0	.....	3.0	1.0	.....	.....	12.0
Santa Rosa (No. 2)	.....	.....	.....	6.5	.....	0.5	1.5	T.	.....	8.5
Senorito (near)	4.0	.....	(*)	48.0	(*)	5.0	10.0	8.0	5.0	.....
Silver City	.....	.....	T.	16.3	1.5	T.	0.5	.....	.....	18.3
Solano (No. 1)	6.0	.....	3.5	15.5	0.1	1.0	6.0	1.5	.....	33.6
Solano (No. 2)	10.0	0.5	4.5	10.8	T.	1.0	3.0	2.0	.....	31.8
Socorro	.....	.....	.....	10.5	.....	.....	.....	.....	.....	10.5
Springer	2.0	.....	1.5	18.0	.....	1.0	4.0	4.0	T.	30.5
Stanley	T.	.....	.....	11.0	T.	1.0	(*)	(*)	(*)	.....
Tajique (near)	9.0	2.0	16.0	45.4	13.6	13.6	16.0	17.0	.....	132.6
Taos	.....	.....	T.	11.8	1.9	4.0	1.5	6.2	T.	25.4
Taos Canyon	1.3	.....	7.2	34.0	8.9	12.0	19.4	31.3	5.0	119.1
Taylor	.....	T.	1.0	22.7	.....	1.0	0.2	1.2	.....	26.1
Tecolote	3.0	.....	0.6	17.0	5.5	3.0	5.0	8.0	.....	42.1
Texico (near)	.....	.....	.....	9.0	0.5	2.0	0.5	1.0	.....	13.0
Three Rivers	.....	.....	.....	6.1	.....	.....	1.2	.....	.....	7.3
Tijeras Canyon	T.	.....	T.	29.1	1.5	0.5	5.2	2.0	.....	38.3
Torrance	4.0	.....	3.0	14.0	6.5	4.0	2.0	10.0	.....	43.5
Trementina	T.	.....	1.0	3.5	1.0	2.0	1.0	.....	.....	8.5
Tres Piedras	10.0	.....	15.0	15.6	3.5	8.2	9.0	12.5	1.0	74.8
Truchas	.....	.....	12.0	22.5	5.0	7.8	14.0	15.5	5.0	81.8
Tucumcari (near No. 1)	.....	1.0	3.5	10.1	2.0	4.0	(*)	1.0	.....	.....
Tucumcari (No. 2)	.....	2.5	3.5	10.1	2.5	3.5	4.0	2.0	.....	28.1
Vance (near)	.....	.....	12.0	5.0	T.	T.	1.0	1.5	.....	19.5
Vaughn	10.0	.....	8.0	24.4	1.5	4.0	3.0	3.5	.....	54.4
Vermejo Park	1.5	4.0	9.0	29.5	0.5	2.5	3.5	10.0	.....	60.5
Virsylvia	2.0	.....	(*)	30.7	0.2	1.5	10.0	6.0	2.0	.....
Wagon Mound (near)	4.0	.....	1.0	9.4	T.	2.0	5.0	4.5	.....	25.9
Willard	1.5	.....	5.5	9.2	T.	3.4	T.	4.2	.....	23.8
Winsor's Ranch	5.0	T.	15.0	23.0	6.0	11.0	21.0	7.0	.....	88.6
New York.										
Adams Center	.....	0.5	6.5	15.0	14.5	17.5	19.5	15.5	.....	89.0
Addison	.....	T.	T.	9.0	14.1	28.5	8.3	3.0	.....	62.9
Albany	.....	0.1	0.4	7.8	7.5	26.1	11.5	1.8	.....	55.2
Alfred	.....	T.	1.5	16.7	25.5	14.7	17.4	9.7	.....	85.5
Allegany	.....	1.9	3.2	9.8	20.8	20.0	17.2	10.0	.....	82.9
Amsterdam	.....	T.	2.0	12.0	11.0	36.0	10.0	0.5	.....	71.5
Angelica	.....	0.5	0.5	10.0	(*)	(*)	(*)	5.0	.....	.....
Appleton	.....	0.1	2.0	4.5	11.7	10.6	21.0	5.7	.....	55.6

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New York—Continued.										
Athens	.....	T.	2.0	7.5	5.5	21.2	11.5	0.8	.....	48.5
Auburn	.....	T.	T.	12.4	11.2	24.7	33.8	5.1	.....	87.2
Avon	.....	.....	(*)	12.0	(*)	12.5	4.8	4.0	.....	.....
Ballston Lake	.....	T.	4.5	14.9	12.1	31.3	14.3	2.5	.....	79.6
Bedford	.....	.....	(*)	0.8	9.3	(*)	12.3	T.	.....	.....
Beerston	.....	0.5	3.5	7.8	9.0	23.0	27.0	5.5	.....	76.3
Binghamton	.....	T.	2.3	8.1	4.9	26.3	24.0	3.9	.....	69.5
Bolivar	.....	T.	T.	16.2	28.0	(*)	14.5	2.5	.....	.....
Bouckville	.....	1.5	5.5	21.0	12.0	33.5	27.0	4.5	.....	105.0
Brockport	.....	1.0	0.5	14.2	12.8	(*)	30.0	8.5	.....	.....
Buffalo	.....	0.4	6.2	8.4	23.2	21.4	22.1	9.2	.....	90.9
Canisius College	.....	0.2	(*)	8.0	15.0	7.6	18.7	4.1	.....	.....
Canton	.....	T.	4.0	18.4	14.5	14.1	33.3	4.6	.....	88.9
Carmel	.....	.....	4.0	1.0	11.0	14.8	14.5	(*)	.....	.....
Chatham	.....	T.	2.0	12.0	5.0	27.0	16.5	3.0	.....	65.5
Chazy	.....	.....	1.0	18.0	15.0	0.5	17.5	(*)	.....	.....
Chestnut Lawn	.....	4.0	1.5	11.0	7.5	12.0	7.5	8.5	.....	52.0
Cooperstown	.....	(*)	2.0	10.5	8.3	(*)	28.1	(*)	.....	.....
Cortland	.....	0.5	1.1	12.7	6.6	37.4	23.5	3.0	.....	84.8
Cutchogue	.....	.....	T.	T.	4.5	16.0	11.0	.....	.....	31.5
Dannemora	.....	0.8	7.9	18.8	(*)	4.8	(*)	13.5	.....	.....
De Ruyter	.....	0.8	3.4	15.4	16.4	36.8	31.3	3.0	.....	107.1
Elba	.....	T.	3.0	9.0	20.0	22.0	45.0	17.0	.....	116.0
Elmira	.....	T.	T.	8.0	9.5	26.8	9.5	1.0	.....	54.8
Fayetteville	.....	1.0	T.	13.5	11.0	21.5	24.5	5.0	.....	76.5
Foxs Bridge	.....	1.0	1.0	6.0	(*)	(*)	(*)	(*)	.....	.....
Gabriels	.....	0.5	4.0	19.5	20.5	11.5	23.6	9.9	.....	89.5
Glens Falls (1)	.....	.....	4.5	23.0	13.5	39.5	11.5	1.5	.....	93.5
Glens Falls (2)	.....	.....	4.0	11.2	10.5	35.5	11.5	(*)	.....	.....
Gloversville	.....	.....	7.5	20.0	17.2	34.8	10.0	2.5	.....	92.0
Harkness	.....	0.5	1.0	17.0	9.0	6.5	22.5	13.0	.....	69.5
Hemlock Lake	.....	1.0	1.0	(*)	(*)	16.5	(*)	5.7	.....	.....
Hoosick Falls	.....	.....	0.5	7.0	9.2	17.0	11.0	(*)	.....	.....
Hunt	.....	2.0	.....	8.0	(*)	15.0	16.0	(*)	.....	.....
Ithaca	.....	0.1	1.4	12.8	4.9	30.7	15.3	2.6	.....	67.8
Jeffersonville	.....	T.	2.0	4.0	10.0	20.0	14.0	1.0	.....	51.0
Keene Valley	.....	0.2	3.0	19.2	18.2	12.7	33.0	(*)	.....	.....
King Ferry	.....	1.5	0.8	17.5	8.7	22.5	22.8	6.7	.....	80.5
Lake George	.....	.....	3.2	20.7	8.5	37.7	14.0	2.3	.....	86.4
Lake Placid Club	.....	10.3	13.2	31.3	27.0	29.0	36.6	22.5	.....	169.9
Lauterbrunnen	.....	T.	1.5	8.8	11.0	10.5	11.5	7.8	.....	51.1
Liberty	.....	.....	0.8	6.5	4.2	30.2	25.5	(*)	.....	.....
Little Falls	.....	T.	T.	9.5	14.0	34.0	26.5	T.	.....	84.0
Lockport	.....	T.	3.0	4.5	11.0	11.0	(*)	7.5	.....	.....
Lowville	.....	0.1	4.5	26.2	23.2	50.2	30.0	9.5	.....	143.7
Mohonk Lake	.....	.....	2.5	6.0	15.5	18.0	26.0	4.2	.....	72.2
Moira	.....	T.	3.0	16.0	(*)	(*)	(*)	12.5	.....	.....
Morehouseville	.....	0.5	12.5	25.0	27.5	38.5	47.2	6.5	.....	157.7
Morrisville	.....	.....	T.	23.0	(*)	40.0	46.0	3.0	.....	.....
Mount Hope	.....	.....	(*)	(*)	8.0	21.5	26.0	.....	.....	.....
Nehasane	T.	6.1	10.3	33.9	24.2	33.6	30.1	2.8	.....	141.0
Newark Valley	.....	1.0	1.0	12.5	5.5	26.0	11.0	3.8	.....	60.8
New Berlin	.....	T.	1.4	10.0	(*)	(*)	(*)	(*)	.....	.....
New Lisbon	.....	1.0	1.0	13.0	7.0	33.0	23.0	3.0	.....	81.0
New York	.....	.....	.....	0.3	1.2	17.4	21.5	T.	.....	40.4
North Creek	.....	.....	2.0	18.0	12.0	18.0	15.0	0.7	.....	65.7
Ogdensburg	.....	T.	3.5	25.3	24.1	11.9	12.5	5.2	.....	82.5
Old Forge	.....	.....	5.2	28.5	21.3	37.2	28.2	4.5	.....	124.9
Olean	.....	T.	T.	7.9	20.0	17.7	9.5	1.5	.....	56.6
Oneonta	.....	T.	1.0	7.0	(*)	25.8	18.0	2.0	.....	.....
Oswego	.....	T.	0.5	7.8	10.1	21.6	29.7	5.5	.....	75.2
Oxford	.....	.....	3.0	8.0	10.0	(*)	(*)	(*)	(*)	.....
Palermo	T.	2.0	2.5	14.0	15.0	24.0	43.0	8.0	.....	108.5
Perry City	.....	0.8	0.4	15.3	10.9	33.8	17.6	3.6	.....	82.4
Philadelphia	.....	T.	6.0	12.5	23.0	15.0	19.0	4.0	.....	79.5
Port Jervis	.....	T.	1.0	7.0	8.5	24.5	20.5	0.5	.....	62.0
Potsdam	.....	.....	2.0	12.5	(*)	(*)	(*)	(*)	.....	.....
Ranger School	.....	1.4	0.5	29.5	24.7	27.9	27.7	6.6	.....	118.3
Raquette Lake	.....	1.2	6.0	30.6	21.5	31.5	23.0	14.9	.....	128.7

Monthly and seasonal snowfall, 1913-1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
New York—Continued.										
Rochester	.....	0.2	0.3	14.4	15.1	21.6	27.9	7.2	.....	86.7
Romulus	.....	T.	T.	3.9	7.2	16.0	15.8	10.0	.....	52.9
Roslyn	.....	.....	.....	T.	3.2	15.5	13.3	.....	.....	32.0
Scarsdale	.....	.....	.....	0.5	6.0	29.0	25.0	T.	.....	60.5
Setauket	.....	.....	T.	0.3	3.0	13.0	7.5	T.	.....	23.8
Shortsville	.....	0.5	T.	12.2	8.0	13.0	8.0	2.0	.....	43.7
Southampton	.....	.....	.....	T.	2.3	17.4	11.4	.....	.....	31.1
South Edmeston	.....	T.	2.0	12.2	11.5	32.1	21.5	3.0	.....	82.3
Spier Falls	.....	.....	4.0	23.0	13.0	40.1	9.5	4.0	.....	93.6
Syracuse	.....	1.2	1.7	15.9	16.1	22.0	24.0	6.1	.....	87.0
Volusia	.....	2.0	8.0	12.0	23.0	14.0	19.0	(*)	.....	.....
Wading River	.....	.....	.....	1.0	5.8	19.5	8.0	.....	.....	34.3
Wanakena	.....	1.4	0.5	29.5	24.7	27.9	28.0	5.8	.....	117.8
Wappingers Falls	.....	.....	4.0	7.0	11.0	20.0	16.0	5.0	.....	63.0
Warwick	.....	.....	.....	0.3	12.0	22.0	32.0	.....	.....	66.3
Watertown	.....	T.	4.0	16.0	17.0	24.5	20.5	5.0	.....	87.0
Waverly	.....	0.5	1.7	10.8	9.0	24.5	20.2	1.9	.....	68.6
Wedgwood	.....	1.0	2.2	16.5	22.0	27.0	22.0	10.5	.....	101.2
West Berne	.....	0.5	2.5	13.0	8.0	42.0	34.0	4.0	.....	104.0
Westfield	.....	T.	5.0	3.0	(*)	(*)	12.0	8.0	.....	.....
West Point	.....	.....	T.	1.0	5.5	28.0	23.5	1.2	.....	59.2
York	.....	1.0	2.7	7.4	18.5	15.0	20.7	8.7	.....	74.0
North Carolina.										
Albemarle	.....	.....	.....	.....	.....	9.0	5.5	T.	.....	14.5
Altapass No. 1	.....	T.	6.0	5.2	(*)	(*)	(*)	.....	.....	.....
Altapass No. 2	.....	.....	T.	2.3	6.0	11.5	7.0	.....	.....	26.8
Andrews	.....	T.	0.9	.....	2.0	1.0	(*)	.....	.....	.....
Asheville	.....	T.	0.1	T.	3.2	4.9	5.1	.....	.....	13.3
Banners Elk	.....	2.0	4.0	4.5	14.0	13.0	32.0	.....	.....	69.5
Belhaven	.....	.....	.....	.....	.....	6.0	(*)	.....	.....	.....
Blantyre	.....	.....	.....	.....	7.5	9.5	(*)	.....	.....	.....
Blowing Rock	.....	1.5	2.0	4.5	12.0	15.5	21.0	.....	.....	56.5
Brevard	.....	T.	(*)	(*)	(*)	(*)	(*)	.....	.....	.....
Brewers	.....	T.	.....	3.0	9.0	14.7	(*)	.....	.....	.....
Bryson City	.....	.....	T.	.....	3.0	6.5	3.1	.....	.....	12.6
Cave River	.....	.....	5.0	2.0	5.5	9.5	17.5	.....	.....	39.5
Caroleen	.....	.....	.....	T.	1.5	8.0	1.0	.....	.....	10.5
Chalybeate Springs	.....	.....	.....	T.	T.	14.0	6.5	(*)	.....	.....
Chapel Hill	.....	.....	.....	T.	(*)	13.8	5.0	T.	.....	.....
Charlotte	.....	.....	T.	T.	0.1	8.1	6.6	T.	.....	14.8
Chimney Rock	.....	.....	T.	.....	5.0	10.0	1.0	.....	.....	16.0
Cullowhee	.....	T.	1.0	T.	5.5	5.5	2.5	.....	.....	14.5
Eagletown	.....	.....	.....	.....	.....	10.1	9.7	.....	.....	19.8
Edenton	.....	.....	.....	.....	.....	10.0	6.0	.....	.....	16.0
Elizabeth City	.....	.....	.....	.....	.....	4.0	6.0	.....	.....	10.0
Elizabethtown	.....	.....	.....	.....	.....	10.5	.....	.....	.....	10.5
Elkin	.....	T.	.....	.....	3.5	4.0	7.9	.....	.....	15.4
Ellijay	.....	.....	3.0	.....	4.0	3.0	3.0	.....	.....	13.0
Enfield	.....	.....	.....	.....	.....	9.5	7.0	.....	.....	16.5
Fayetteville	.....	.....	.....	.....	.....	15.5	0.2	.....	.....	15.7
Globe	.....	.....	T.	.....	8.0	8.0	(*)	.....	.....	.....
Goldsboro	.....	.....	.....	.....	T.	15.0	3.0	.....	.....	18.0
Gorge	.....	.....	T.	1.0	8.0	8.5	5.5	.....	.....	23.0
Graham	.....	.....	.....	.....	T.	12.0	7.0	T.	.....	19.0
Greensboro	.....	.....	.....	.....	.....	12.2	7.0	.....	.....	19.2
Greenville	.....	.....	T.	.....	.....	5.5	3.0	.....	.....	8.5
Hatteras	.....	.....	.....	.....	.....	T.	T.	.....	.....	T.
Henderson	.....	.....	.....	.....	.....	16.0	7.5	.....	.....	23.5
Hendersonville	(*)	(*)	(*)	T.	6.0	9.0	(*)	.....	.....	.....
Hickory	.....	.....	.....	.....	12.3	9.6	(*)	T.	.....	.....
Highlands	.....	1.0	1.5	0.5	5.5	6.0	16.2	.....	.....	30.7
Hot Springs	.....	T.	5.0	T.	4.0	4.2	(*)	.....	.....	.....
Jefferson	.....	0.5	0.5	6.0	6.0	6.9	14.2	.....	.....	34.1
Kings Mountain	.....	.....	T.	T.	1.2	9.0	5.3	.....	.....	15.5
Kinston	.....	.....	.....	.....	.....	11.0	(*)	.....	.....	.....
Lenoir	(*)	(*)	(*)	0.2	13.1	10.5	9.1	.....	.....	.....
Lincolnton	.....	(*)	.....	T.	1.0	(*)	4.0	(*)	.....	.....
Louisburg	.....	.....	.....	.....	0.2	13.5	8.7	.....	.....	22.4

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
North Carolina—Continued.										
Lumberton			T.		T.	14.5	0.1			14.6
Manteo						(*)	(*)			
Marion		T.	T.	T.	9.5	12.2	1.7			23.4
Marshall		T.	2.0		2.0	5.3	3.9			13.2
Moncure						16.8	4.5			21.3
Monroe						12.0	(*)	(*)		
Morganton			T.	T.	11.3	11.5	2.5			25.3
Mount Airy			(*)	(*)	2.0	9.0	7.8			
Mount Holly					0.2	8.5	4.0			12.7
Murphy		T.	T.	T.	1.9	2.0	1.5			5.4
Nashville				T.	T.	12.0	8.4			20.4
Neuse					T.	11.6	6.0			17.6
Newbern						2.0	T.			2.0
No. Wilkesboro				2.0	1.0	10.1	10.0			23.1
Parkersburg		(*)				8.5	T.			
Raleigh				T.	T.	10.4	6.0			16.4
Ramseur		T.	T.	T.	T.	16.3	5.8	T.		22.1
Randleman						15.3	6.1			21.4
Reidsville						12.2	12.6			24.8
Rock House		0.1	0.4	T.	5.5	5.2	5.4			16.6
Rockingham					(*)	13.0	(*)			
Rocky Mount					T.	8.0	6.0			14.0
Rougemont					(*)	(*)	4.8			
Salisbury						9.0	6.3			15.3
Saxon					1.1	(*)	(*)			
Scotland Neck						8.7	7.5			16.2
Settle				1.0	1.0	10.2	4.8	T.		17.0
Sloan						3.3	T.			3.3
Smithfield				T.	T.	12.8	4.4			17.2
Southern Pines	(*)	(*)				13.5	(*)			
Southport						0.2				0.2
Statesville				0.1		11.5	4.3			15.9
Tarboro						9.5	7.0			16.5
Transon				2.0	9.0	9.0	12.0			32.0
Tryon				T.	3.0	7.0	1.0			11.0
Waynesville		T.	4.5	T.	4.0	12.5	6.0			27.0
Weldon						7.1	8.7			15.8
Willard						2.5				2.5
Wilmington						0.2				0.2
North Dakota.										
Amenia		T.	2.5	T.	4.3	1.0	6.5	0.5		14.8
Aplin	T.	T.	0.5	T.	1.5	4.5	(*)	7.0	2.0	
Ashley		T.	2.0		3.0	T.	(*)	1.0		
Beach		0.3	1.0		2.0	(*)	5.0	0.5		
Belfield			(*)		T.	3.5	7.2	(*)	(*)	
Berthold Agency	T.	T.		T.	1.2	1.9	6.3	2.4	2.0	13.8
Bismarck	T.	T.	2.6	1.3	5.0	3.9	15.6	7.0	T.	35.4
Bottineau	T.		(*)	(*)	(*)	(*)	(*)	(*)		
Bowbells	T.	(*)	(*)		(*)		(*)	(*)		
Buford		1.0	0.5	T.	12.0	10.0	11.0	0.5		35.0
Cando		T.	(*)	T.	9.0	2.0	(*)	(*)		
Carson			2.0	1.0	1.0		6.0	2.0		12.0
Colgate	(*)	(*)	(*)	(*)	3.0	T.	8.9	3.0		
Crosby	1.0	4.0	2.0	T.	7.0	0.5	4.5	T.		19.0
Devils Lake		0.9		0.2	9.3	2.2	5.3	3.0		20.9
Dickinson	1.0	1.5	0.8	T.	(*)	4.3	12.5	4.3	5.0	
Donnybrook	T.	T.	1.5	T.	7.8	3.0	8.5	4.0	T.	24.8
Dunseith	T.	0.5	0.5		(*)	5.2	5.7	1.7		
Eckman	1.0	(*)	(*)	(*)	7.0	3.0	10.0	6.0		
Edgeley		T.	6.0	(*)	1.3	2.0	5.0			
Energy			T.	(*)	3.0	5.0	(*)	(*)		
Epping	7.0	5.5	T.		4.0	2.5	8.0	8.0	14.0	49.0
Fessenden		0.5	0.5	T.	7.8	3.5	11.0	4.5		27.8
Forman		0.4	0.2		2.2	2.3	16.1	(*)		
Fullerton		2.2	5.3	0.7	3.0	5.3	9.9	0.3	T.	26.7
Garrison		0.1	T.		T.		10.0	6.5	16.0	32.6
Grafton			0.3	0.2	7.0	8.4	7.4	3.7		27.0
Granville		(*)	(*)		6.7	1.0	9.5	7.0		

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
North Dakota—Continued.										
Haley	T.	(*)	(*)	(*)	1.5	18.0	9.0	3.0	(*)	.....
Hannah	4.0	2.0	T.	T.	16.0	1.0	6.0	4.0	.....	33.0
Hansboro	3.5	3.5	.....	.....	15.9	3.0	(*)	(*)	.....	.....
Hettinger	.....	.....	.....	0.2	T.	7.0	(*)	(*)	.....	.....
Hillsboro	.....	T.	3.0	T.	8.0	5.5	7.0	T.	.....	23.5
Howard	2.2	11.2	1.7	T.	8.5	4.3	8.8	7.0	1.0	44.7
Jamestown	.....	.....	6.0	T.	6.0	8.0	13.7	(*)	.....	.....
Lakota	.....	1.2	0.5	1.2	8.2	1.8	7.8	(*)	.....	.....
Lamoine	T.	T.	2.0	T.	4.0	1.0	9.0	1.0	1.0	18.0
Langdon	.....	.....	(*)	(*)	12.0	T.	3.0	3.0	.....	.....
Larimore	.....	0.2	(*)	.....	(*)	4.9	3.9	.....	.....	.....
Lisbon	.....	T.	2.2	T.	2.2	5.7	4.2	T.	.....	14.3
McHenry	.....	1.2	0.2	1.0	4.0	T.	10.5	1.5	T.	18.4
McKinney	.....	T.	.....	T.	7.5	3.0	6.0	6.0	.....	22.5
McLeod	.....	T.	1.0	.....	1.0	2.0	3.0	0.5	.....	7.5
Manfred	.....	1.0	T.	0.2	6.0	2.7	11.7	4.0	.....	25.6
Marmarth	1.5	2.0	1.6	T.	3.9	10.7	13.5	1.3	4.0	38.5
Marstonmoor	T.	0.2	3.0	2.0	1.0	1.0	(*)	(*)	(*)	.....
Mayville	.....	.....	1.0	.....	(*)	T.	4.0	T.	.....	.....
Melville	.....	1.0	2.0	3.0	2.5	0.8	11.5	2.0	.....	22.8
Milnor	.....	.....	1.2	.....	1.2	6.2	11.0	(*)	.....	.....
Minot	2.5	1.0	(*)	T.	3.5	3.1	8.0	2.0	.....	.....
Mott	.....	.....	2.0	2.0	3.8	8.6	12.0	2.5	.....	30.9
Napoleon	.....	1.0	5.5	1.0	4.5	4.0	12.0	5.0	1.0	34.0
New England	.....	0.2	2.0	.....	1.2	3.0	14.7	T.	(*)	.....
New Rockford	.....	0.5	T.	T.	7.5	4.5	(*)	(*)	(*)	.....
New Salem	1.0	.....	2.0	1.0	3.0	4.0	15.5	3.5	10.0	40.0
Orange	.....	.....	4.0	2.0	.....	.....	14.0	.....	.....	20.0
Oriska	.....	T.	2.0	T.	2.5	T.	15.0	(*)	.....	.....
Park River	.....	0.1	0.4	0.8	5.6	1.9	1.5	T.	.....	10.3
Pembina	(*)	(*)	(*)	.....	12.2	5.0	(*)	(*)	.....	.....
Power	.....	0.5	4.0	T.	7.5	5.5	8.8	2.0	.....	28.3
Ranger	T.	.....	.....	T.	2.2	10.2	11.7	2.0	3.2	29.3
Ronda [1]	T.	.....	0.5	T.	2.0	2.0	12.0	3.0	6.0	25.5
Steele	.....	T.	1.1	T.	2.1	2.0	8.0	(*)	.....	.....
Towner	0.1	T.	.....	.....	9.5	2.0	11.0	0.5	.....	23.1
Turtle Lake	3.0	T.	0.3	1.2	4.8	6.0	16.0	5.0	T.	36.3
University	.....	0.6	1.5	0.5	6.8	3.5	5.0	1.6	.....	19.5
Wahpeton	.....	.....	2.2	.....	1.5	3.5	7.5	(*)	.....	.....
Washburn	T.	T.	2.0	T.	1.2	(*)	(*)	(*)	(*)	.....
Williston	T.	1.4	0.4	T.	4.6	2.5	4.2	2.7	0.5	16.3
Willow City	.....	.....	T.	1.0	17.0	7.5	17.5	2.0	.....	45.0
Ohio.										
Akron	.....	T.	15.0	7.0	21.4	18.3	6.5	2.5	.....	70.7
Amesville	.....	T.	11.0	0.3	2.5	24.2	5.0	.....	.....	43.0
Antwerp	.....	T.	2.5	(*)	10.5	9.0	(*)	T.	.....	.....
Ashland	T.	T.	18.0	8.0	10.0	21.0	6.0	3.0	.....	66.0
Bangorville	.....	0.2	14.0	4.0	12.0	18.0	7.5	T.	.....	55.7
Bellefontaine	.....	2.0	8.0	2.3	20.5	24.5	11.4	0.5	.....	69.2
Benton Ridge	.....	3.7	7.0	2.3	12.2	19.5	4.3	0.1	.....	49.1
Bladensburg	.....	T.	12.0	4.1	(*)	20.0	11.5	T.	.....	.....
Bowling Green	.....	1.8	3.5	1.0	11.8	9.5	0.2	T.	.....	27.8
Brilliant	.....	T.	20.0	2.0	21.0	24.0	3.0	T.	.....	70.0
Bucyrus	.....	T.	14.0	4.0	10.0	22.0	1.0	T.	.....	51.0
Cadiz	.....	T.	20.0	6.7	16.1	25.0	10.9	4.0	.....	82.7
Cambridge	.....	T.	24.0	2.0	7.0	18.0	1.0	T.	.....	52.0
Camp Dennison	.....	.....	1.0	0.2	2.4	16.7	1.6	.....	.....	21.9
Canton	.....	T.	12.0	7.2	13.6	17.5	8.2	2.0	.....	60.5
Cardington	.....	T.	9.0	4.8	6.0	17.3	(*)	T.	.....	.....
Case School of Science	.....	T.	22.0	8.3	9.0	12.2	1.9	1.5	.....	54.9
Chillicothe	.....	.....	6.0	1.0	6.1	24.7	5.2	.....	.....	43.0
Cincinnati	.....	T.	0.8	0.5	1.5	21.4	4.4	T.	.....	28.6
Circleville	.....	T.	5.0	(*)	5.0	22.0	4.0	T.	.....	.....
Clarington	.....	T.	2.6	0.2	10.7	30.7	6.1	T.	.....	50.3
Cleveland (Weather Bureau)	.....	T.	22.2	5.9	10.6	16.1	4.6	0.9	.....	60.3
Cleveland (Odenbach)	.....	T.	20.0	5.5	(*)	19.8	4.3	2.2	.....	.....

[1] Name of station changed to Zap January, 1914.

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Ohio—Continued.										
Columbiana	.....	T.	20.5	3.9	15.0	20.7	8.2	1.5	.....	69.8
Columbus	.....	T.	7.5	0.5	7.6	19.6	4.2	0.5	.....	39.9
Columbus Reservoir	.....	.....	5.0	1.0	10.0	(*)	(*)	(*)	.....	.....
Conneaut	.....	4.5	5.0	5.0	27.5	26.5	13.5	4.0	.....	86.0
Dayton (Weather Bureau)	.....	0.2	3.2	0.7	5.7	15.2	0.7	T.	.....	25.7
Dayton (Boyer)	.....	T.	3.0	2.4	7.7	16.7	1.7	.....	.....	31.5
Delaware	.....	T.	5.0	3.5	7.8	15.0	4.2	(*)	.....	.....
Demos	.....	0.2	16.0	3.7	16.8	17.2	2.9	2.0	.....	58.6
Dennison	.....	T.	15.0	4.0	8.0	14.3	3.0	2.1	.....	46.4
Findlay	.....	T.	(*)	1.0	(*)	19.0	3.0	T.	.....	.....
Frankfort	.....	T.	8.0	T.	(*)	28.0	6.5	T.	.....	.....
Fremont	.....	T.	18.0	3.6	11.5	11.2	T.	T.	.....	44.3
Gallipolis	.....	.....	11.5	(*)	.....	16.0	(*)	.....	.....	.....
Garrettsville	.....	.....	20.1	11.5	20.8	20.5	9.0	4.5	.....	.....
Granville	.....	T.	5.5	1.5	8.7	21.2	2.7	0.2	.....	39.8
Green	.....	.....	3.0	2.0	T.	13.0	12.5	.....	.....	30.5
Green Hill	.....	T.	10.5	5.5	12.6	12.3	6.2	1.8	.....	48.9
Greenville	.....	T.	4.0	1.5	6.0	16.0	1.5	.....	.....	29.0
Hamilton	.....	.....	(*)	3.0	2.0	28.0	2.0	.....	.....	.....
Hedges	.....	3.3	3.0	1.0	12.9	7.0	3.8	T.	.....	31.0
Hillhouse	.....	6.0	17.0	4.5	28.7	16.5	7.0	4.2	.....	83.9
Hillsboro	.....	.....	(*)	(*)	5.0	22.5	5.3	T.	.....	.....
Hiram	.....	T.	25.5	15.0	27.5	22.5	10.0	4.0	.....	104.5
Hudson	.....	T.	22.0	7.0	22.5	24.3	5.5	.....	.....	.....
Ironton	.....	0.2	3.6	T.	T.	(*)	(*)	.....	.....	.....
Kenton	.....	T.	(*)	1.0	7.5	(*)	T.	T.	.....	.....
Killbuck	.....	0.4	21.2	8.0	17.0	19.6	4.7	2.0	.....	72.9
Lancaster	.....	T.	8.0	(*)	7.0	20.0	(*)	.....	.....	.....
Lima	.....	T.	13.0	T.	17.0	25.0	3.0	.....	.....	.....
McConnelsville	.....	T.	13.2	1.5	8.2	26.5	8.9	1.0	.....	59.3
Marietta (Biscoe)	.....	.....	12.0	0.2	3.1	16.5	5.2	T.	.....	37.0
Marietta (Best)	.....	.....	16.0	(*)	(*)	25.2	7.3	T.	.....	.....
Marion	.....	0.5	13.0	3.0	8.5	20.5	4.5	1.0	.....	51.0
Medina	.....	T.	22.0	7.0	13.0	15.0	8.0	2.0	.....	67.0
Milfordton	T.	0.2	8.0	6.0	6.5	17.5	4.5	1.3	.....	44.0
Milligan	.....	T.	12.0	4.0	4.0	17.0	7.0	1.0	.....	45.0
Millport	.....	T.	15.0	7.0	12.3	15.6	9.8	0.8	.....	60.5
Montpelier	.....	0.1	4.0	4.0	16.3	16.0	T.	T.	.....	40.4
Napoleon	.....	T.	(*)	(*)	12.0	.....	1.0	.....	.....	.....
Nellie	.....	T.	25.0	4.0	5.5	15.0	2.0	.....	.....	51.5
New Bremen	.....	T.	2.5	2.0	6.2	13.0	3.1	T.	.....	26.8
New Carlisle	.....	(*)	(*)	(*)	7.9	14.0	3.5	.....	.....	.....
North Royalton	.....	1.0	18.0	7.0	23.5	19.0	9.0	3.0	.....	80.5
Norwalk	.....	T.	18.0	9.0	(*)	18.0	4.5	.....	.....	.....
Oberlin	.....	T.	21.5	7.1	16.4	19.6	3.8	T.	.....	68.4
Ohio State University	.....	T.	8.5	3.3	10.3	25.0	3.4	T.	.....	50.5
Ottawa	.....	T.	T.	1.3	11.4	11.3	2.5	T.	.....	26.5
Pataskala	.....	1.0	6.7	2.4	9.3	13.8	4.3	1.7	.....	39.2
Peebles	.....	T.	2.0	1.5	1.0	17.0	7.0	T.	.....	28.5
Philo (Burckholter)	.....	T.	13.7	4.4	4.9	17.5	7.6	.....	.....	48.1
Philo (Hardtla)	.....	T.	12.4	4.1	11.6	21.4	2.6	0.3	.....	52.4
Piqua	.....	T.	3.5	3.5	9.0	23.0	2.5	.....	.....	41.5
Plattsburg	.....	0.5	5.0	5.0	12.5	14.5	3.5	1.0	.....	42.0
Portsmouth (1)	.....	T.	2.0	4.0	T.	20.5	4.0	.....	.....	30.5
Portsmouth (2)	.....	.....	3.0	2.0	T.	19.0	1.5	.....	.....	25.5
Saint Paris	.....	(*)	(*)	(*)	17.0	21.0	2.3	.....	.....	.....
Sandusky	.....	0.1	8.3	3.7	16.1	10.4	2.3	0.3	.....	41.2
Sidney	.....	0.2	5.6	2.7	13.3	17.5	4.4	T.	.....	43.7
Somerset	.....	T.	10.0	5.0	6.0	15.0	5.5	0.5	.....	42.0
Summerfield	.....	0.1	23.0	2.7	11.1	17.4	5.2	1.4	.....	60.9
Syracuse	.....	.....	12.0	(*)	1.0	20.0	6.0	.....	.....	.....
Thurman	.....	T.	4.0	1.0	2.0	14.0	6.0	.....	.....	27.0
Tiffin	.....	T.	17.0	4.2	13.0	16.0	2.5	T.	.....	52.7
Toboso	.....	.....	7.0	2.5	6.5	14.5	2.5	0.5	.....	33.5
Toledo	.....	0.5	6.5	1.9	14.0	8.1	0.8	0.2	.....	32.0
Upper Sandusky	.....	T.	6.0	5.0	9.0	28.0	3.0	0.5	.....	51.5
Urbana	.....	0.1	6.5	4.0	13.7	20.9	8.7	0.2	.....	54.1
Versailles	.....	(*)	(*)	(*)	5.3	18.3	1.0	T.	.....	.....
Vickery	.....	T.	19.0	2.1	(*)	9.0	0.5	0.1	.....	.....

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Ohio—Continued.										
Wapakoneta	T.	0.5	13.0	2.5	14.7	21.5	5.5	0.2	.....	57.9
Warren	.....	0.7	18.7	13.5	23.9	17.3	19.4	(*)	.....	.....
Wauseon	.....	1.3	2.4	2.9	19.0	9.4	1.8	0.2	.....	37.0
Waverly	.....	T.	3.0	3.0	3.0	23.5	5.7	T.	.....	38.2
Waynesville	.....	.....	2.0	1.5	4.5	13.5	3.7	.....	.....	25.2
West Milton	.....	.....	(*)	(*)	6.0	10.0	3.0	.....	.....	.....
Wickliffe	.....	T.	12.0	1.5	15.6	10.8	(*)	1.7	.....	.....
Wooster	.....	0.5	18.0	6.5	8.4	14.5	3.3	2.5	.....	53.7
Youngstown	.....	T.	9.0	6.0	11.8	7.9	3.6	0.5	.....	38.8
Zanesville	.....	T.	11.0	1.2	3.1	13.5	2.9	T.	.....	31.7
Oklahoma.										
Ada	.....	T.	.....	4.0	.....	.....	4.0	T.	.....	8.0
Altus	.....	T.	.....	3.0	.....	.....	T.	.....	.....	3.0
Alva	.....	1.0	.....	5.0	2.0	2.0	1.0	.....	.....	11.0
Apache	.....	1.8	.....	4.0	.....	T.	T.	.....	.....	5.8
Arapaho	.....	T.	.....	7.5	.....	.....	T.	.....	.....	7.5
Ardmore	.....	.....	.....	5.0	.....	.....	.....	.....	.....	5.0
Bartlesville	.....	4.0	.....	8.0	.....	2.1	.....	.....	.....	14.1
Beaver	.....	0.5	.....	4.0	T.	0.5	.....	0.5	.....	5.5
Buffalo	.....	1.0	.....	2.5	1.0	1.0	1.0	.....	.....	6.5
Cache	.....	T.	.....	5.0	.....	.....	T.	(*)	.....	.....
Calvin	.....	T.	.....	0.3	.....	T.	0.2	.....	.....	0.5
Chandler	.....	T.	.....	8.0	.....	T.	T.	.....	.....	8.0
Chattanooga	.....	T.	.....	2.0	.....	.....	T.	.....	.....	2.0
Chickasha	.....	T.	.....	4.0	T.	T.	T.	.....	.....	4.0
Cleveland	.....	T.	.....	8.0	.....	T.	T.	.....	.....	8.0
Cloud Chief	.....	T.	.....	6.5	.....	T.	T.	.....	.....	6.5
Durant	.....	.....	.....	2.0	.....	.....	.....	.....	.....	2.0
Eldorado	.....	T.	.....	0.4	.....	.....	.....	.....	.....	0.4
El Reno	.....	(*)	.....	6.0	.....	(*)	T.	.....	.....	.....
Enid	.....	0.5	.....	2.8	.....	2.0	T.	T.	.....	5.3
Erick	.....	T.	.....	5.0	T.	T.	T.	.....	.....	5.0
Eufaula	.....	T.	.....	1.5	0.4	.....	T.	.....	.....	1.9
Fairland	.....	T.	.....	11.0	2.0	1.5	3.3	T.	.....	17.8
Fort Gibson	.....	T.	.....	1.0	1.0	T.	T.	.....	.....	2.0
Frederick	.....	.....	.....	2.5	.....	.....	0.5	.....	.....	3.0
Geary	.....	T.	.....	5.0	0.4	T.	0.5	T.	.....	5.9
Goodwell	.....	.....	.....	5.0	T.	1.5	(*)	.....	.....	.....
Guthrie	.....	.....	.....	4.0	.....	T.	T.	.....	.....	4.0
Guymon	.....	.....	.....	3.1	T.	T.	.....	.....	.....	3.1
Hammon	.....	T.	.....	10.0	.....	T.	0.6	0.5	.....	11.1
Hartshorne	.....	(*)	(*)	(*)	0.5	T.	(*)	.....	.....	.....
Healdton	.....	.....	.....	8.0	.....	.....	T.	.....	.....	8.0
Heavener	.....	T.	.....	T.	3.0	.....	0.5	.....	.....	3.5
Helena	.....	1.0	.....	4.0	(*)	3.0	.....	T.	.....	.....
Hennessey	.....	0.5	.....	3.0	.....	(*)	(*)	.....	.....	.....
Hobart	.....	T.	.....	5.8	.....	T.	T.	.....	.....	5.8
Holdenville	.....	.....	.....	4.0	T.	T.	.....	.....	.....	4.0
Hooker	.....	2.0	.....	4.5	T.	0.5	0.5	1.0	.....	8.5
Hugo	.....	.....	.....	0.5	T.	.....	.....	.....	.....	0.5
Hurley	.....	2.0	.....	6.9	T.	T.	T.	T.	.....	8.9
Idabel	(*)	.....	(*)	T.	(*)	.....	.....	.....	.....	.....
Jefferson	.....	1.0	.....	3.0	0.5	2.0	0.5	.....	.....	7.0
Kenton	T.	1.0	8.0	12.5	0.8	1.0	3.0	2.3	.....	28.6
Kingfisher	.....	1.5	.....	3.5	.....	.....	T.	.....	.....	5.0
Lawton	.....	.....	.....	3.7	.....	.....	T.	.....	.....	3.7
Lawtonka Lake	.....	.....	.....	4.0	.....	.....	T.	.....	.....	4.0
McAlester	.....	T.	.....	3.0	T.	T.	T.	.....	.....	3.0
Mangum	.....	.....	.....	8.0	.....	T.	T.	.....	.....	8.0
Marlow	.....	.....	.....	4.0	.....	T.	T.	.....	.....	4.0
Meeker	.....	T.	.....	6.0	.....	T.	0.5	.....	.....	6.5
Muskogee (No. 1)	.....	T.	.....	5.2	0.6	0.6	0.2	.....	.....	6.6
Muskogee (No. 2)	.....	T.	.....	4.0	1.0	T.	T.	.....	.....	5.0
Mutual	.....	T.	.....	5.0	.....	T.	.....	.....	.....	5.0
Neola	.....	0.7	.....	5.5	T.	T.	0.1	.....	.....	6.3
Newkirk	.....	1.2	.....	6.0	.....	6.0	0.8	.....	.....	14.0
North Muskogee	.....	.....	.....	3.5	1.5	T.	0.2	.....	.....	5.2
Oakwood	.....	0.7	.....	6.0	0.6	0.6	1.0	2.0	.....	10.9

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Oklahoma—Continued.										
Okeene	.....	0.6	.....	4.6	.....	0.7	0.1	T.	.....	6.0
Okemah	.....	3.0	.....	6.0	.....	.....	.....	.....	.....	9.0
Oklahoma	.....	1.3	.....	3.9	T.	0.3	1.0	.....	.....	6.5
Okmulgee	.....	T.	.....	5.0	.....	T.	T.	.....	.....	5.0
Pauls Valley	.....	.....	.....	4.0	.....	.....	.....	.....	.....	4.0
Pawhuska	.....	T.	.....	4.0	.....	2.0	0.5	T.	.....	6.5
Perry	.....	T.	.....	3.5	.....	0.5	0.8	.....	.....	4.8
Rankin	.....	0.2	.....	10.0	T.	T.	0.2	1.0	.....	11.4
Ravia	.....	T.	.....	3.2	.....	.....	T.	.....	.....	3.2
Sac and Fox Agency	.....	T.	.....	6.0	.....	T.	T.	.....	.....	6.0
Shawnee	.....	T.	.....	5.0	.....	T.	T.	.....	.....	5.0
Snyder	.....	.....	.....	2.5	T.	T.	T.	.....	.....	2.5
Stillwater	.....	T.	.....	1.5	.....	T.	T.	.....	.....	1.5
Tahlequah	.....	T.	.....	2.3	5.0	1.5	T.	.....	.....	8.8
Tulsa	.....	0.4	.....	7.2	.....	0.2	0.5	.....	.....	8.3
Vinita	(*)	T.	.....	5.7	0.5	1.0	T.	.....	.....	.....
Wagoner	.....	3.2	.....	5.0	1.5	0.5	1.0	.....	.....	11.2
Waukomis	.....	T.	.....	3.0	.....	T.	T.	T.	.....	3.0
Waurika	.....	T.	.....	2.0	.....	T.	T.	.....	.....	2.0
Weatherford	.....	T.	.....	6.0	T.	T.	T.	T.	.....	6.0
Webbers Falls	.....	.....	.....	.....	2.0	(*)	.....	.....	.....	.....
Whiteagle	.....	1.2	.....	3.5	.....	(*)	1.0	T.	.....	.....
Woodward	.....	1.3	.....	5.5	1.6	1.0	0.5	T.	.....	9.9
Wyandotte	.....	.....	.....	(*)	.....	.....	.....	.....	.....	.....
Oregon.										
Agency Plains	.....	.....	1.0	14.5	19.0	.....	.....	.....	(*)	.....
Albany	.....	.....	.....	.....	2.5	.....	.....	.....	.....	2.5
Ana River	.....	.....	0.5	1.5	10.0	.....	.....	.....	.....	12.0
Ashland	.....	.....	.....	1.2	3.5	.....	.....	.....	.....	4.7
Astoria	.....	.....	.....	.....	0.4	.....	.....	.....	.....	0.4
Austin	.....	8.0	8.0	20.0	45.5	24.5	.....	T.	.....	106.0
Baker	.....	0.7	2.6	14.7	14.3	8.2	0.5	0.2	.....	41.2
Bear Creek	.....	4.6	5.3	20.8	17.9	12.1	1.8	2.0	.....	64.5
Bear Valley	.....	2.0	9.2	20.8	29.8	20.2	2.8	T.	.....	84.8
Beech Creek	.....	12.0	10.0	21.0	31.0	12.0	7.0	4.5	.....	97.5
Bellfountain	.....	.....	.....	.....	3.0	.....	.....	.....	.....	3.0
Bend	.....	.....	3.1	11.4	21.0	0.2	.....	.....	.....	35.7
Big Basin	.....	.....	.....	5.5	17.0	6.0	T.	.....	.....	28.5
Black Butte	.....	.....	1.0	.....	4.0	.....	.....	.....	.....	5.0
Blalock	.....	.....	.....	9.0	T.	1.0	T.	.....	.....	10.0
Blue Mountain Sawmill	.....	15.0	15.0	22.0	31.0	30.0	5.0	2.0	1.0	121.0
Buena Vista	.....	5.0	33.0	27.0	(*)	(*)	(*)	(*)	(*)	.....
Burns	.....	.....	2.0	29.0	26.0	4.0	.....	.....	.....	61.0
Butte Falls	.....	.....	1.0	6.5	14.6	1.0	0.8	.....	.....	23.9
California Gulch	.....	.....	.....	6.0	7.0	7.0	T.	.....	.....	20.0
Cascade Locks	.....	.....	.....	13.5	3.5	.....	.....	.....	.....	17.0
Cascadia	.....	.....	.....	.....	4.0	0.5	.....	.....	.....	4.5
Cazadero	.....	.....	.....	.....	2.5	.....	.....	.....	.....	2.5
Clear Lake	.....	.....	24.8	29.0	72.3	7.6	13.5	0.5	.....	147.7
Cliff	.....	.....	2.0	11.0	15.5	1.0	0.5	0.5	.....	30.5
Columbia Mine	.....	32.0	30.0	47.0	94.0	46.0	10.0	T.	.....	259.0
Condon	.....	.....	1.0	11.0	8.0	1.0	T.	T.	.....	21.0
Coquille River Lighthouse	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0
Cornucopia	.....	16.1	39.1	44.7	102.4	52.1	5.2	0.4	.....	260.0
Corvallis	.....	.....	.....	.....	1.0	.....	.....	.....	.....	1.0
Cracker Creek	T.	17.0	17.0	30.0	59.0	24.0	0.2	T.	.....	147.2
Crescent	.....	T.	10.0	14.5	42.0	3.0	(*)	T.	(*)	.....
Culver	.....	.....	.....	8.0	12.6	.....	.....	(*)	.....	.....
Dayville	.....	.....	.....	5.0	2.0	3.5	T.	.....	.....	10.5
Deadwood	.....	.....	.....	.....	1.0	.....	.....	.....	.....	1.0
Doraville	.....	.....	0.7	3.7	7.0	0.3	T.	.....	.....	11.7
Drain	.....	.....	.....	.....	0.5	.....	.....	.....	.....	0.5
Dufur	.....	.....	1.2	20.4	19.4	2.1	.....	.....	.....	43.1
Echo	.....	.....	.....	4.5	1.0	.....	.....	.....	.....	5.5
Ella	.....	.....	.....	10.0	2.0	(*)	.....	.....	.....	.....
Embody	.....	.....	11.0	12.0	39.0	3.0	1.0	1.0	.....	67.0
Eugene	.....	.....	.....	.....	2.0	.....	.....	.....	.....	2.0
Fir Glen	.....	.....	1.0	T.	8.3	.....	3.2	.....	.....	12.5

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Oregon—Continued.										
Florence										0.0
Follyfarm				(*)	5.5					
Fort Rock			4.5	6.8.	26.5					37.8
Galice				T.	6.5		3.0			9.5
Glencoe				6.5	5.0	3.5				15.0
Glendale				T.	8.0		4.0			12.0
Glenora				3.0	18.0		4.0	(*)		
Golden Falls				2.0						2.0
Grants Pass					T.					T.
Grass Valley				14.0	7.5	(*)				
Greenhorn	2.5	29.5	38.5	42.0	97.5	39.0	10.0	5.5		264.5
Gumboot		6.0	15.5	18.5	53.5	10.0	4.0	4.0		111.5
Happy Home			2.0	4.0	23.0		21.0			50.0
Harbor						7.0				7.0
Hazeldell				T.	3.0	T.	T.			3.0
Headworks				8.0	5.3					13.3
Heppner			T.	5.5	1.5	0.8				7.8
Hermiston				6.5	2.0	T.				8.5
Hilgard		1.0	1.8	10.0	12.0	22.0	2.0			48.8
Hood River				16.5	6.0	2.8				25.3
Hood River (No. 2)				17.2	2.2	1.0				20.4
Hood River (No. 3)			T.	15.5	11.0	2.2				28.7
Hood River (No. 4)			0.2	15.0	11.0	0.5				26.7
Hoover			4.0	8.0	19.0	2.5	2.0	0.5		36.0
Howardville		11.5	11.7	21.9	42.7	38.0	7.7	1.0		134.5
Huntington				18.5	10.0	T.	(*)			
Ibex Mine	2.3	30.6	26.2	47.2	97.2	47.5	7.1	4.5		262.6
Imperial		2.0	1.5	15.5	(*)	5.5	3.0	1.0		
Ironside				49.0	34.0	7.0	(*)			
Jacksonville				T.	2.0					2.0
Joseph		1.0	4.0	8.0	28.5	17.0	2.5			61.0
Klamath Falls		T.	1.0	12.5	8.0					21.5
La Grande			2.2	7.5	2.0	8.5	T.			20.2
Lakeview		T.	4.8	16.6	17.0	1.1	1.2	1.0		41.7
Lilyglen			1.8	25.0	8.3	0.5	7.2			42.8
Long Creek			4.4	3.3	3.4	5.6	0.2	0.4		17.3
McMinnville				T.	0.2					0.2
Marshfield										0.0
Maury		0.8	3.5	27.8	15.3	9.3	1.5	T.		58.2
Meadowbrook Farm			0.2	24.0	9.5	3.0				36.7
Medford				T.	1.0					1.0
Metolius			T.	4.0	11.0	(*)	(*)	(*)	(*)	
Miramonte Farm					2.0					2.0
Mountain Home			5.5	3.1	19.6	T.				28.2
Musick		4.0	53.5	24.5	131.0	39.5	54.0	10.5		317.0
Newport										0.0
Ochoco		2.0	6.5	15.0	9.0	4.5	0.5	T.		37.5
Ochoco Creek			3.0	14.5	10.0	5.0				32.5
Ortley			1.1	23.0	22.1	6.0	4.5			56.7
Owyhee				15.0	2.0					17.0
Paisley (near)			2.0	2.0	6.5		T.	1.0		11.5
Parkdale			3.0	15.5	28.0	2.5	(*)	0.5	(*)	
Pendleton				7.2	T.	2.0				9.2
Peninsula			0.5	12.0	13.5	1.0	(*)		(*)	
Persist			5.0	14.0	23.0	1.5	2.5	2.0		48.0
Pilot Rock				12.5	5.2	9.9		(*)		
Portland				T.	1.5	T.				1.5
Port Orford										0.0
Post	(*)		1.7	20.0	11.5	1.5				
Powell Butte				4.5	6.5					11.0
Prairie City		1.5	3.0	7.5	6.0	12.5	1.5			32.0
Prineville			1.0	3.0	(*)	T.				
Prospect			4.0	13.0	21.5	1.0	2.5	0.2		42.2
Rager Creek		0.5	3.2	19.1	9.4			0.2		32.4
Ramsey			0.2	23.5	12.0	0.2				35.9
Range			5.0	6.0	(*)	14.0				
Ray Creek				4.5	4.0	1.2				9.7
Redmond				12.2	10.0			(*)	(*)	
Reston					2.5		0.2			2.7

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Oregon—Continued.										
Riddle					3.0		T.			3.0
Rio Hermoso			1.6	20.0	20.0					41.6
Riverdale										0.0
Riverside				30.0	6.5	0.2	T.			36.7
Robbville					1.1	T.				1.1
Roseburg					0.7					0.7
Salem					(*)					
Silver Lake			T.	1.5	17.0					18.5
Siskiyou		T.	14.0	37.5	89.0	16.2	12.0	2.0		170.7
Sisters		1.0	4.8	9.5	20.0	4.0	1.0	T.		40.3
Sparta		10.0	7.0	36.0	55.0	17.0	1.0			126.0
Stafford					1.5					1.5
Starkey		T.	3.0	5.8	2.3	24.0	T.			35.1
Summit					1.1					1.1
Susanville		3.0	9.0	21.4	25.5	18.0	4.0	1.0		81.9
Tablerock					(*)					
Talent				0.5	T.					0.5
Tamarack			8.0	8.0	19.0	5.0	1.0			41.0
The Dalles				17.2	0.5	T.				17.7
Tillamook					0.5	(*)				
Toledo							(*)			
Umatilla				0.7	T.	T.				0.7
Union	(*)			3.5	4.0					
Vale			T.	17.0						17.0
Valley Falls				7.1	2.1					9.2
Vida			3.0	T.	8.0	T.	1.5	T.		12.5
Vistillas		T.	7.5	34.0	25.3	4.0		T.		70.8
Wallace Orchard					(*)					
Wallowa		3.0	3.5	11.0	10.5	(*)	T.			
Wamic	(*)			21.0	23.0					
Warmspring		T.	T.	12.0	7.0	0.8	T.			19.8
Welches			2.0	10.5	15.0	4.1	0.5			32.1
Weston			0.5	8.7	4.0	6.5	T.			19.7
Whitaker			0.5	8.0	18.0	1.0		T.		27.5
Williams			T.	1.0	1.0		2.0			4.0
Yonna		T.	1.0	17.4	12.7	2.0	T.	1.0		34.1
Pennsylvania.										
Aleppo		T.	18.0	2.0	7.0	23.0	9.0	1.0		60.0
Altoona			3.0	16.0	23.0	28.5	11.0	1.0		82.5
Baldwin		T.	9.0	13.0	32.1	23.0	16.2	1.8		95.1
Bethlehem				3.0	0.2	21.5	12.5	(*)		
Bloserville			T.	1.7	2.5	24.8	14.7	T.		43.7
Claysville		T.	18.0	1.5	23.0	18.0	7.0	3.5		71.0
Clearfield	(*)	(*)	0.8	11.0	22.5	26.5	8.0	1.5		
East Mauch Chunk			0.2	4.2	4.0	19.7	17.2			45.3
Emporium		T.	0.5	13.3	17.5	23.5	6.5	0.5		61.8
Ephrata			T.	2.0	1.5	17.9	14.1			35.5
Erie		9.7	19.3	5.7	22.3	15.3	13.1	7.8		93.2
Everett			0.1	6.6	11.2	26.5	7.5			51.9
Franklin		T.	2.0	9.0	28.2	14.2	7.0	2.0		62.4
Gettysburg			T.	0.2	5.2	23.5	13.5			42.4
Gordon			2.0	8.0	1.0	26.2	20.0	T.		57.2
Greensburg		T.	11.0	10.1	10.4	26.0	13.1	1.6		72.2
Greenville		T.	14.2	11.5	18.7	15.7	14.2	2.0		76.3
Hamburg			T.	3.0		24.0	8.0			35.0
Harrisburg			0.8	2.5	4.3	25.5	9.1	T.		42.2
Huntingdon			2.0	3.0	4.5	31.0	9.5	T.		50.0
Hyndman			T.	2.0	8.0	28.8	11.7			50.5
Indiana		T.	6.5	17.0	24.0	25.0	26.2	3.0		101.7
Johnstown		T.	4.1	7.0	13.7	33.5	18.4	T.		76.7
Kennett Square				T.	2.0	18.5	20.5			41.0
Lawrenceville		(*)	T.	12.0	20.0	13.6	11.0	3.0		59.6
Le Roy		T.	2.0	15.9	15.5	28.0	16.7	5.2		83.3
Lewisburg			2.0	7.5	3.6	30.5	8.2			51.8
Lock Haven		T.	T.	13.0	26.0	27.0	14.3	T.		80.3
Marion				1.0	8.0	25.5	16.0			50.5
Mifflintown		T.	0.5	4.0	7.0	26.0	10.0	T.		47.5
Milford		T.	T.	6.5	6.8	26.8	13.0			53.1

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Pennsylvania—Continued.										
Montrose	.....	T.	T.	12.0	11.0	26.0	18.0	5.0	.....	72.0
Muncy Valley	.....	.....	1.0	9.7	9.8	22.8	6.0	0.8	.....	50.1
Philadelphia	.....	.....	T.	T.	2.2	15.7	15.2	.....	.....	33.1
Pittsburgh	.....	T.	14.7	11.3	17.3	23.4	8.3	3.5	.....	78.5
Reading	.....	.....	0.3	1.3	2.3	19.7	12.3	.....	.....	35.9
Saegertown	.....	1.0	12.0	7.0	29.5	14.5	12.5	3.0	.....	79.5
Scranton	.....	T.	0.4	4.3	6.3	27.9	20.5	0.5	.....	59.9
Somerset	.....	0.8	12.0	13.9	34.9	53.0	33.7	3.7	.....	152.0
State College	.....	T.	0.3	11.6	24.5	24.8	15.6	0.6	.....	77.4
Stroudsburg	.....	T.	T.	2.0	1.0	16.5	18.0	T.	.....	37.5
Towanda	.....	T.	0.5	12.9	10.9	26.8	14.6	1.2	.....	66.9
Vandergrift	(*)	(*)	(*)	4.2	5.5	21.0	6.5	1.0	.....	.....
Warren	.....	3.0	4.4	12.0	26.4	16.5	14.0	5.0	.....	81.3
Williamsport	.....	.....	0.5	8.0	10.5	26.5	9.9	T.	.....	55.4
Rhode Island.										
Block Island	.....	.....	.....	T.	0.6	8.9	10.3	T.	.....	19.8
Bristol	.....	.....	1.0	0	1.5	17.0	8.2	T.	.....	27.7
Kingston	.....	.....	T.	T.	3.0	22.0	9.0	T.	.....	34.0
Narragansett Pier	.....	.....	.....	T.	3.0	18.7	8.4	T.	.....	30.1
Providence	.....	.....	0.4	0.2	3.6	20.4	5.1	T.	.....	29.7
South Carolina.										
Aiken	.....	.....	.....	T.	.....	7.5	T.	.....	.....	7.5
Allendale	.....	.....	.....	.....	.....	8.5	.....	.....	.....	8.5
Anderson	.....	.....	.....	.....	.....	5.0	0.5	.....	.....	5.5
Batesburg	.....	.....	T.	T.	.....	7.1	T.	.....	.....	7.1
Beaufort	.....	.....	.....	.....	(*)	3.0	.....	.....	.....	.....
Blackville	.....	.....	.....	.....	.....	7.0	T.	.....	.....	7.0
Blairs	.....	.....	.....	(*)	.....	11.0	2.0	.....	.....	.....
Bowman	.....	.....	.....	.....	.....	7.1	T.	.....	.....	7.1
Calhoun Falls	.....	T.	.....	.....	.....	5.0	2.0	.....	.....	7.0
Camden	.....	.....	.....	(*)	.....	12.0	.....	.....	.....	.....
Catawba	.....	.....	.....	.....	0.2	10.0	1.0	.....	.....	11.2
Chappells	.....	.....	.....	(*)	.....	6.5	1.0	.....	.....	.....
Charleston	.....	.....	.....	.....	.....	2.1	.....	.....	.....	2.1
Cheraw	.....	.....	T.	.....	T.	16.0	T.	.....	.....	16.0
Clemson College	(*)	T.	.....	(*)	1.0	4.0	1.0	.....	.....	.....
Columbia	.....	.....	T.	T.	T.	11.7	.....	.....	.....	11.7
Conway	.....	.....	.....	.....	T.	7.0	.....	.....	.....	7.0
Darlington	.....	.....	T.	.....	T.	13.8	T.	.....	.....	13.8
Dillon	.....	.....	.....	.....	.....	10.0	.....	.....	.....	10.0
Edgefield	.....	.....	.....	.....	.....	7.0	.....	.....	.....	7.0
Edisto	.....	.....	.....	.....	.....	9.0	.....	.....	.....	9.0
Effingham	.....	.....	.....	.....	.....	14.7	.....	.....	.....	14.7
Ferguson	.....	.....	.....	.....	.....	7.5	.....	.....	.....	7.5
Florence	.....	.....	.....	T.	.....	12.0	.....	.....	.....	12.0
Gaston Shoals	.....	.....	.....	.....	T.	7.5	T.	.....	.....	7.5
Georgetown	.....	.....	.....	.....	.....	5.0	.....	.....	.....	5.0
Greenville	.....	T.	.....	.....	2.0	6.0	1.7	T.	.....	9.7
Greenwood	.....	.....	.....	.....	.....	6.0	2.0	.....	.....	8.0
Heath Springs	.....	.....	.....	.....	.....	9.0	1.5	.....	.....	10.5
Kingstree	.....	.....	.....	.....	.....	6.0	.....	.....	.....	6.0
Liberty	.....	T.	.....	.....	1.0	10.7	1.5	.....	.....	13.2
Little Mountain	.....	.....	T.	.....	T.	14.0	T.	.....	.....	14.0
Meriwether	.....	.....	.....	T.	.....	7.0	.....	.....	.....	7.0
Monetta	.....	.....	T.	T.	.....	8.0	T.	.....	.....	8.0
Newberry	.....	T.	T.	T.	.....	7.5	3.0	.....	.....	10.5
Pelzer	.....	.....	.....	.....	0.5	5.0	0.5	.....	.....	6.0
Pinopolis	.....	.....	.....	.....	.....	5.5	.....	.....	.....	5.5
Rimini	.....	.....	.....	.....	(*)	13.0	.....	.....	.....	13.0
St. George	.....	.....	.....	(*)	(*)	8.0	.....	.....	.....	8.0
St. Matthews	.....	.....	.....	.....	.....	7.0	.....	.....	.....	7.0
Saluda	.....	.....	T.	.....	.....	7.5	0.5	.....	.....	8.0
Santuck	.....	T.	T.	T.	.....	9.0	2.7	.....	.....	11.7
Smiths Mills	.....	.....	.....	.....	.....	6.0	.....	.....	.....	6.0
Society Hill	.....	.....	T.	T.	.....	18.0	T.	.....	.....	18.0
Spartanburg	.....	.....	.....	T.	1.0	5.0	T.	.....	.....	6.0

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
South Carolina—Continued.										
Summerville	.....	.....	.....	.....	.....	4.0	T.	.....	.....	4.0
Trenton	.....	.....	.....	.....	.....	7.7	.....	.....	.....	7.7
Walterboro	(*)	(*)	(*)	(*)	(*)	6.5	.....	.....	.....	.....
Winnsboro	.....	.....	.....	.....	.....	10.5	T.	.....	.....	10.5
Winthrop College	.....	.....	T.	.....	T.	10.0	4.0	.....	.....	14.0
Yemassee	.....	.....	.....	.....	.....	4.0	.....	.....	.....	4.0
South Dakota.										
Aberdeen	.....	(*)	(*)	T.	7.0	6.8	6.0	(*)	.....	.....
Academy	.....	0.5	1.0	0.1	1.9	11.7	7.0	T.	.....	20.2
Ardmore	.....	(*)	(*)	10.2	0.5	7.5	2.5	0.4	.....	.....
Bellefourche	.....	.....	0.5	3.5	(*)	6.5	1.0	.....	.....	.....
Blunt	.....	.....	1.0	.....	2.0	10.0	7.0	(*)	(*)	.....
Britton	.....	1.0	1.5	0.5	1.5	5.3	5.9	1.0	.....	16.7
Brookings	.....	1.5	(*)	.....	2.1	4.0	(*)	T.	.....	.....
Bryant	.....	0.5	0.8	T.	(*)	3.5	1.0	2.2	.....	.....
Camp Crook	T.	T.	T.	0.4	2.2	15.5	7.0	(*)	(*)	.....
Canton	.....	1.5	1.5	.....	5.0	3.0	T.	1.5	.....	12.5
Castlewood	.....	T.	0.8	T.	(*)	(*)	0.7	1.5	T.	.....
Centerville	.....	2.0	1.8	T.	5.8	8.4	1.2	1.9	.....	21.1
Clark	.....	4.2	4.0	T.	8.8	8.7	(*)	1.0	.....	.....
Cottonwood	.....	T.	(*)	3.0	0.6	10.8	2.2	.....	.....	.....
Custer	.....	5.7	1.0	(*)	1.0	8.0	(*)	2.0	T.	.....
Daviston	(*)	T.	0.2	1.2	1.0	17.0	6.0	2.0	(*)	.....
Deadwood	0.2	5.5	.....	2.2	4.0	8.8	13.5	14.5	2.0	50.7
Deerfield	T.	11.5	1.5	5.3	2.6	5.0	7.0	13.2	.....	46.1
Dowling	.....	T.	.....	6.8	T.	9.5	5.0	T.	.....	21.3
Dumont	T.	3.7	T.	2.6	6.6	5.8	19.9	20.2	T.	58.8
Eales	.....	0.3	1.7	2.4	6.2	12.5	8.0	3.0	T.	34.1
Elk Mountain	T.	3.6	2.0	5.5	1.0	7.5	2.8	6.5	.....	28.9
Ellingson	T.	T.	0.5	1.0	T.	15.0	10.0	2.0	3.0	31.5
Eureka	.....	T.	1.2	1.0	3.0	3.5	3.0	T.	T.	11.7
Fairfax	.....	1.0	T.	T.	1.2	7.8	12.0	T.	.....	22.0
Faith	T.	T.	4.0	9.0	T.	20.0	9.5	3.0	0.6	46.1
Faulkton	.....	T.	2.0	T.	4.0	11.0	(*)	1.5	.....	.....
Forestburg	T.	(*)	1.5	.....	1.0	16.3	7.9	(*)	.....	.....
Fort Meade	.....	.....	.....	3.0	T.	11.3	3.0	T.	4.0	21.3
Goldfield	T.	T.	3.0	5.5	2.2	9.5	5.0	.....	2.0	27.2
Greenmont	3.0	8.0	5.0	4.0	4.0	14.5	14.0	1.0	1.0	54.5
Greenwood	.....	1.5	2.0	1.0	4.0	9.0	8.0	.....	.....	25.5
Hardingrove	.....	(*)	0.8	5.5	1.0	12.5	9.0	(*)	.....	.....
Hardy Ranger Station	2.0	28.5	3.2	5.5	18.4	(*)	(*)	36.5	6.0	.....
Harveys Ranch	T.	10.2	1.0	2.5	5.5	7.0	23.0	24.0	0.5	73.7
Hermosa	.....	T.	T.	2.5	0.6	10.8	0.2	0.5	.....	14.6
Highmore	.....	0.2	0.2	.....	0.5	7.0	3.0	T.	.....	10.9
Hopewell	.....	T.	1.0	2.2	0.5	8.0	10.0	0.2	.....	21.9
Hot Springs	T.	T.	0.5	5.5	0.4	10.2	(*)	T.	(*)	.....
Howard	.....	(*)	1.0	T.	1.5	T.	(*)	T.	.....	.....
Howell	.....	0.3	1.1	T.	2.8	6.9	2.1	1.6	.....	14.8
Huron	.....	0.3	0.7	T.	2.1	11.4	0.7	0.8	.....	16.0
Ipswich	.....	(*)	2.5	T.	0.5	6.0	2.5	T.	.....	.....
Kadoka	.....	T.	0.9	3.0	0.1	4.7	4.8	1.0	.....	14.5
Kennebec	.....	T.	1.0	0.5	3.0	17.0	7.0	T.	.....	28.5
La Delle	.....	2.0	2.0	T.	3.0	5.0	2.0	2.0	.....	16.0
Lead	T.	9.0	0.4	3.9	3.9	9.9	14.1	12.8	3.4	57.4
Lemmon	(*)	(*)	(*)	2.0	0.1	8.1	13.0	3.0	(*)	.....
Marion	.....	0.5	1.0	T.	3.8	10.5	2.0	3.0	.....	20.8
Marston	.....	(*)	0.5	T.	4.2	11.2	7.5	0.5	.....	.....
Meadow	T.	T.	1.0	2.5	T.	14.0	9.0	1.5	T.	28.0
Mellette	.....	1.3	3.1	0.5	4.5	4.5	2.2	T.	T.	16.1
Menno	.....	2.0	2.0	T.	4.0	10.0	3.5	(*)	.....	.....
Milbank	.....	2.5	1.0	T.	9.2	2.7	9.2	2.0	T.	26.6
Mitchell	.....	0.5	4.0	T.	7.0	8.0	7.0	(*)	.....	.....
Mobridge	.....	T.	2.0	2.5	3.5	2.8	9.0	3.0	.....	22.8
Murdo	.....	(*)	(*)	(*)	T.	18.0	6.0	(*)	.....	.....
Oelrichs	.....	(*)	(*)	8.0	1.5	9.0	T.	0.5	.....	.....
Onaka	.....	0.2	(*)	.....	4.9	16.7	7.5	4.5	.....	.....
Onida	.....	T.	0.5	T.	2.2	13.5	6.0	0.5	.....	22.7
Orman	.....	T.	3.0	3.7	1.0	8.0	2.0	.....	T.	17.7

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
South Dakota—Continued.										
Ottumwa	(*)	(*)	(*)	5.0	T.	15.0	8.0	2.0	.....	.....
Parkston	.....	3.0	4.0	.....	5.4	14.2	3.8	T.	.....	30.4
Pierre	.....	T.	0.4	0.5	3.1	17.1	7.7	0.5	.....	29.3
Pine Ridge	.....	T.	.....	6.2	0.9	10.3	0.5	0.2	T.	18.1
Pollock	.....	(*)	1.0	2.0	(*)	2.0	(*)	(*)	T.	.....
Rapid City	T.	0.6	0.3	3.1	T.	9.8	3.6	0.5	.....	17.9
Redfield	.....	.....	2.0	.....	(*)	7.0	(*)	(*)	.....	.....
Rochford	T.	7.2	T.	3.0	1.0	4.5	6.5	10.4	T.	32.6
Rosebud	.....	T.	T.	5.8	1.0	19.5	9.0	T.	T.	35.3
Roslyn	.....	2.8	1.8	0.2	2.2	2.2	4.5	1.5	.....	15.2
Sorum	T.	T.	T.	1.0	1.0	21.5	8.0	3.0	0.4	34.9
Spearfish	.....	2.0	0.5	3.5	T.	3.5	7.0	0.5	(*)	.....
Stephan	.....	T.	1.0	T.	1.9	14.5	2.5	0.5	.....	20.4
Tama	.....	.....	3.0	3.0	(*)	11.0	2.2	1.5	(*)	.....
Timber Lake	.....	T.	7.0	6.0	3.5	10.0	8.5	2.5	.....	37.5
Tyndall	.....	2.0	1.0	1.0	3.0	9.5	6.0	T.	.....	22.5
Vale	T.	T.	T.	3.5	T.	4.0	1.0	T.	1.0	9.5
Vermilion	.....	1.0	1.0	.....	5.5	5.0	1.0	1.0	.....	14.5
Waters Ranch	T.	3.3	1.6	5.0	1.6	9.4	6.0	2.6	4.4	33.9
Watertown	.....	1.0	0.5	T.	7.0	5.5	3.0	2.0	.....	19.0
Wentworth	.....	0.5	0.6	T.	4.4	4.6	(*)	T.	.....	.....
Wood	.....	T.	.....	1.2	0.5	16.0	5.5	0.2	.....	23.4
Yankton	.....	2.0	1.3	0.1	5.2	10.2	3.9	T.	.....	22.7
Tennessee.										
Ashwood	.....	0.2	.....	T.	T.	3.0	2.0	.....	.....	5.2
Bolivar	.....	T.	.....	5.0	T.	T.	1.0	.....	.....	6.0
Byrdstown	.....	T.	1.5	1.0	0.5	2.2	8.5	.....	.....	13.7
Chattanooga	.....	T.	0.3	0.2	2.6	2.2	1.4	.....	.....	6.7
Clarksville	.....	3.0	T.	2.0	T.	3.2	6.8	.....	.....	15.0
Decatur	.....	T.	T.	T.	3.0	5.0	3.5	.....	.....	11.5
Florence	.....	T.	T.	T.	T.	4.5	4.0	.....	.....	8.5
Johnson City	.....	T.	0.4	T.	1.7	3.3	10.3	.....	.....	15.7
Knoxville	.....	T.	0.2	T.	5.3	2.0	9.4	.....	.....	16.9
McMinnville	.....	0.5	T.	T.	0.5	3.0	4.8	.....	.....	8.8
Memphis	.....	.....	.....	3.5	T.	T.	1.0	.....	.....	4.5
Nashville	.....	T.	T.	T.	T.	1.5	5.8	.....	.....	7.3
Palmetto	.....	T.	T.	.....	T.	1.0	4.0	.....	.....	5.0
Rogersville	.....	T.	T.	T.	2.2	2.0	8.0	.....	.....	12.2
Rugby	.....	T.	6.0	2.0	6.0	4.0	21.5	.....	.....	39.5
Sparta	.....	2.0	2.0	T.	0.2	1.5	7.2	.....	.....	12.9
Trenton	.....	2.0	.....	2.0	0.5	.....	4.0	.....	.....	8.5
Union City	.....	T.	.....	1.0	T.	1.5	9.4	.....	.....	11.9
Waynesboro	.....	3.0	T.	2.5	T.	2.4	7.0	.....	.....	14.9
Wildersville	.....	T.	.....	2.7	T.	1.0	3.0	.....	.....	6.7
Yukon	.....	T.	.....	T.	.....	3.0	.....	.....	.....	3.0
Texas.										
Alpine	.....	.....	.....	.....	T.	T.	1.5	.....	.....	1.5
Amarillo	.....	0.7	.....	12.1	0.6	0.8	1.4	1.8	.....	17.4
Antelope	.....	.....	.....	2.0	.....	.....	T.	.....	.....	2.0
Barstow	.....	.....	.....	.....	.....	0.5	0.2	.....	.....	0.7
Big Spring	.....	.....	.....	T.	2.5	.....	T.	T.	.....	2.5
Bowie	.....	.....	.....	2.0	.....	.....	2.0	.....	.....	4.0
Canadian	.....	T.	.....	4.8	0.2	.....	.....	T.	.....	5.0
Chillicothe	.....	.....	.....	3.0	.....	.....	0.5	T.	.....	3.5
Clarendon	.....	.....	.....	4.0	.....	.....	1.0	.....	.....	5.0
Claude	.....	(*)	.....	5.0	.....	.....	.....	T.	.....	.....
Coleman	.....	.....	.....	.....	T.	.....	1.0	.....	.....	1.0
Corpus Christi	.....	.....	.....	.....	.....	0.5	.....	.....	.....	0.5
Dalhart	.....	1.0	.....	5.5	.....	.....	.....	.....	.....	6.5
Dallas	.....	.....	.....	.....	.....	T.	.....	T.	.....	T.
Denison	.....	.....	.....	1.0	.....	.....	.....	.....	.....	1.0
El Paso	.....	.....	.....	.....	.....	2.5	0.7	.....	.....	3.2
Flint	.....	.....	.....	.....	3.0	.....	.....	.....	.....	3.0
Fort Davis	.....	.....	.....	.....	T.	T.	3.5	.....	.....	3.5
Fort Stockton	.....	.....	.....	.....	T.	T.	0.5	.....	.....	0.5
Fort Worth	.....	.....	.....	0.1	.....	.....	.....	.....	.....	0.1
Gail	.....	.....	.....	0.5	1.0	.....	.....	0.5	.....	2.0

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Texas—Continued.										
Gainesville				1.5						1.5
Garden City				T.	2.5		T.	T.		2.5
Grand Saline					2.0					2.0
Grapevine				1.2		T.				1.2
Hallettsville										0.0
Hamlin										0.0
Harlingen										0.0
Harper				(*)						
Haskell				1.0						1.0
Houston						T.				T.
Jefferson					1.5					1.5
Lamesa					3.0					3.0
Longview					0.8					0.8
Lubbock				6.0	1.0	T.	0.2			7.2
Marshall					0.6					0.6
Matagorda						1.0				1.0
Miami		1.0		4.0	0.5	T.	T.	T.		5.5
Mount Blanco				3.0	0.5		0.5			4.0
Ochiltree				5.0	T.	T.				5.0
Paducah				3.0			0.1	T.		3.1
Palestine						T.	T.			T.
Panhandle		1.0		8.0						9.0
Plainview		T.	(*)	6.0	2.0	T.	(*)	(*)	(*)	
Plemons		0.5		9.0	1.0	T.	T.			10.5
Post				1.0	T.			T.		1.0
Quanah				4.0						4.0
Ringo Crossing					2.0					2.0
Rockport						0.8				0.8
Romero			8.0	8.0		2.7	0.2	0.5		19.4
San Antonio										0.0
Sherman				1.0		T.	T.			1.0
Snyder				1.2		T.				1.2
Somerville										0.0
Spur				2.8	T.		0.2	0.1		3.1
Stratford		0.8	1.2	7.5	T.	T.	1.5	1.5		12.5
Tahoka				2.5	T.	T.	T.	T.		2.5
Taylor						T.	T.	T.		T.
Troup					0.5					10.5
Tulia		T.		11.0	T.		3.0	2.0		6.0
Weatherford				1.0						1.0
Wellington				6.0			1.0			7.0
Winfield				T.	3.0					3.0
Utah.										
Black Rock		(*)	T.	1.0	5.0	(*)		(*)		
Center	T.		2.0	6.0	17.5	4.0	0.5	(*)		
Corinne		T.		10.0	5.0	(*)	(*)			
Dragon	(*)	1.0	1.0	24.3	10.0	7.5	11.8	0.8		
Duchesne	T.	1.7	0.6	0.8	10.0	1.7	2.0			16.8
Elberta		(*)	5.0	9.0	15.0		(*)			
Farmington		1.0	2.0	37.0	21.4	3.6	1.2			66.2
Garland		2.0	0.2	20.0	(*)	(*)	(*)			
Grayson				23.0	7.5	15.0	(*)	T.		
Green River			3.0	10.4	1.0	0.5				14.9
Heber		(*)	7.0	26.0	(*)	13.0	(*)	(*)		
Henefer	T.	10.8	5.2	16.8	26.2	12.0	0.8	(*)		
Hite			T.	7.5	T.	(*)				
Levan	T.	9.5	4.6	18.2	12.0	3.7	4.6	6.0		58.6
Logan		(*)	2.5	11.2	12.8	5.8	5.5			
Low			T.	13.0	6.0		(*)	(*)		
Modena			T.	5.4	5.4	1.0	T.	1.7		13.5
Moroni		2.2	1.5	16.0	15.2	6.5	1.2	2.0		44.6
Ogden		T.	T.	30.0	27.0	2.0	(*)	(*)	(*)	
Salt Lake City	T.	2.5	1.0	17.7	13.1	3.8	1.5	T.		39.6
Scipio	T.	6.0	1.0	16.0	14.0	5.0	1.0	T.		43.0
Scofield	(*)	2.5	15.0	27.0	28.5	3.0	17.0	21.0		
Standrod	0.8	1.5	3.2	8.9	9.6	8.4	7.4	3.7		43.5
Thompsons			T.	8.8	(*)	(*)	(*)			
Wendover		T.		4.0	1.2	(*)	(*)	(*)		

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Vermont.										
Burlington	.....	T.	3.8	14.9	7.0	6.9	18.4	5.5	.....	56.5
Chelsea	.....	T.	6.0	20.0	12.0	24.0	17.0	.....	.....	79.0
Enosburg Falls	.....	2.5	2.0	24.5	20.0	5.5	20.0	7.5	.....	82.0
Northfield	.....	0.7	5.7	24.4	13.9	19.7	28.0	12.0	.....	104.4
Virginia.										
Arvonia	.....	.....	.....	.....	T.	12.9	19.2	.....	.....	32.1
Ashland	.....	.....	.....	.....	0.5	12.8	13.5	T.	.....	26.8
Blacksburg	.....	T.	0.1	0.5	17.0	19.8	15.0	.....	.....	52.4
Buchanan	.....	.....	.....	.....	6.0	(*)	5.0	.....	.....	.....
Burkes Garden	.....	.....	4.0	11.0	10.0	21.0	25.0	.....	.....	73.0
Callaville	.....	.....	.....	.....	.....	11.5	8.0	.....	.....	19.5
Capé Henry	.....	.....	.....	.....	T.	3.8	11.5	.....	.....	15.3
Catawba	.....	T.	1.0	.....	14.0	17.0	11.0	.....	.....	43.0
Charlottesville	.....	.....	.....	.....	.....	15.8	16.0	.....	.....	31.8
Clarksville	.....	.....	.....	.....	(*)	9.5	8.0	.....	.....	.....
Columbia	.....	.....	.....	.....	.....	14.5	11.0	.....	.....	25.5
Culpeper	.....	.....	.....	.....	T.	12.0	19.5	.....	.....	31.5
Dale Enterprise	.....	T.	T.	2.0	11.0	19.0	17.0	T.	.....	49.0
Danville	.....	.....	T.	.....	T.	10.5	10.8	T.	.....	21.3
Diamond Springs	.....	.....	.....	.....	.....	4.2	17.8	.....	.....	22.0
Dry Bridge	.....	.....	.....	.....	0.2	14.5	16.5	.....	.....	31.2
Eastville	.....	.....	.....	.....	(*)	(*)	12.0	.....	.....	.....
Elk Knob	.....	.....	3.0	T.	8.5	5.0	11.0	.....	.....	27.5
Emory	.....	T.	2.0	.....	(*)	.....	.....	T.	.....	.....
Fredericksburg	.....	.....	.....	.....	T.	13.0	20.8	.....	.....	33.8
Hot Springs	.....	T.	5.0	T.	19.0	10.5	6.2	.....	.....	40.7
Ivanhoe	.....	.....	0.5	1.0	28.0	19.4	12.7	.....	.....	61.6
Ivor	.....	.....	.....	.....	.....	6.8	10.0	.....	.....	16.8
Lassiter	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lexington	.....	.....	T.	T.	3.8	17.8	10.5	.....	.....	32.1
Lincoln	.....	.....	.....	T.	T.	11.0	12.5	.....	.....	23.5
Lynchburg	.....	.....	T.	.....	1.5	11.0	10.7	.....	.....	23.2
Max Meadows	.....	.....	0.5	5.0	24.0	15.5	.....	.....	.....	45.0
Mendota	.....	T.	1.0	(*)	3.0	6.9	9.3	.....	.....	.....
Mountain Lake	.....	3.0	6.0	5.0	36.0	26.0	12.1	T.	.....	88.1
Mount Weather	.....	T.	T.	0.5	10.3	13.5	11.5	T.	.....	35.8
Newport News	.....	.....	.....	.....	.....	7.5	9.0	.....	.....	16.5
Norfolk	.....	.....	.....	.....	.....	7.7	14.0	.....	.....	21.7
Petersburg	.....	.....	.....	.....	.....	16.0	16.0	.....	.....	32.0
Quantico	.....	.....	.....	T.	T.	11.5	20.0	.....	.....	31.5
Radford	.....	.....	T.	T.	19.0	15.0	11.0	.....	.....	45.0
Randolph	.....	.....	.....	.....	.....	21.0	10.5	.....	.....	31.5
Richmond	.....	.....	.....	T.	T.	10.8	15.8	0.2	.....	26.8
Roanoke	.....	T.	T.	.....	8.5	15.0	18.2	.....	.....	41.7
Rocky Mount	.....	.....	T.	.....	2.0	7.0	9.0	.....	.....	18.0
Ruckersville	.....	.....	.....	.....	.....	11.5	19.5	.....	.....	31.0
Speers Ferry	.....	T.	3.0	T.	6.0	15.0	19.0	.....	.....	43.0
Runnymede (near)	.....	.....	.....	.....	.....	13.5	11.2	T.	.....	24.7
Staunton	.....	T.	0.5	1.0	11.0	20.5	16.5	.....	.....	49.5
Stuart	.....	T.	T.	T.	4.5	5.8	7.8	.....	.....	18.1
Swetnam	.....	.....	.....	.....	.....	10.2	19.0	.....	.....	29.2
Wachapreague	.....	.....	.....	.....	.....	6.0	21.0	.....	.....	27.0
Warsaw	.....	.....	.....	T.	.....	16.5	17.0	.....	.....	33.5
Washington	.....	.....	.....	T.	T.	9.3	19.3	.....	.....	28.6
Waynesboro	.....	.....	0.5	0.5	(*)	(*)	19.0	.....	.....	.....
West Point	.....	.....	.....	T.	0.5	7.7	16.2	.....	.....	24.4
Winchester	.....	.....	T.	T.	3.0	23.0	14.0	.....	.....	40.0
Williamsburg	.....	.....	.....	.....	T.	11.5	14.5	T.	.....	26.3
Woodstock (near)	.....	.....	T.	0.5	3.5	14.7	13.3	.....	.....	32.0
Wytheville	.....	T.	3.3	5.6	14.2	18.5	10.9	.....	.....	52.5
Washington.										
Aberdeen	.....	.....	T.	T.	1.5	0.5	T.	.....	.....	2.0
Anacortes	.....	.....	.....	.....	2.0	(*)	(*)	.....	.....	.....
Anatone	.....	4.0	8.0	12.5	(*)	10.5	T.	1.5	1.5	38.0
Baker	.....	.....	3.0	T.	21.0	21.0	7.0	.....	.....	52.0
Bellingham (near)	.....	(*)	.....	.....	3.5	0.7	(*)	.....	.....	.....

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Washington—Continued.										
Blaine			0.2		4.0	2.5	3.0			9.7
Blewett	(*)	(*)	17.0	35.0	86.0	14.0	2.0		(*)	
Brewster		0.5	7.8	14.8	26.4	3.0	0.2			52.7
Buckley			T.		0.3	2.4	0.7			3.4
Bumping Lake		6.0	32.0	35.5	91.2	17.0	10.5	1.0	T.	193.2
Cedar Lake			T.	(*)	17.5	9.5	(*)	(*	(*)	
Centralia				T.	2.0		T.			2.0
Clearbrook					4.0	2.0	4.0			10.0
Cle Elum		3.0	7.0	11.0	47.0	14.0	1.0			83.0
Colfax			2.0	5.0	7.0	2.0	T.	T.		16.0
Colville		1.5	6.5	8.5	17.7	6.0	3.0			43.2
Conconully		1.0	7.0	11.7	36.5	1.5	2.5			60.2
Coulee City			(*)	13.9	(*)	(*)				
Cowiche			8.5	14.0	26.0	T.	T.			48.5
Darrington			5.0	(*)	(*)	(*)	(*)			
Davenport		1.3	3.0	12.7	7.3	2.0	T			26.3
Dayton			2.0	9.8	3.0	3.0	(*)			
Deer Park		1.2	6.8	11.8	24.8	5.2	1.8	T.		51.6
Detroit					T.		T.			T.
Dryden		0.2	4.7	22.3	73.0	5.2	0.8			106.2
Duckabush	(*)	(*)			0.8		0.8			
Ellensburg		T.	T.	13.0	23.0	4.0	T.			40.0
Forks			(*)		(*)		(*)			
Fort Simcoe			2.5	17.0	16.0					35.5
Gerome		1.0	5.5	9.5	12.0	3.2	1.5			32.7
Goat Lake		9.5	37.5	3.0	91.0	29.0	39.0	5.0		214.0
Gold Creek			11.0	9.0	32.5	4.0	3.0	3.0		62.5
Gold Hill	(*)	(*)	62.0	43.0	74.0	32.0	29.0	11.0	(*)	
Goldendale			T.	13.0	(*)	1.3	(*)			
Granite Falls					(*)	7.5	(*)			
Guler	(*)	(*)	20.4	30.4	46.6	6.0	9.8		(*)	
Hanford				7.6	T.	(*)				
Hatton		(*)	T.	9.0	2.4	2.0	T.			
Huntsville				9.5	(*)	2.0	(*)			
Irene Mountain		6.3	7.5	6.8	18.3	3.8	3.5	T.		46.2
Kennewick		(*)		5.9	(*)	0.2	(*)			
Kent					0.2	T.				0.2
Kettle Falls	(*)		9.0	11.0	21.6	3.5	4.0			
Kiona				7.5	2.5	0.4				10.4
Kosmos			1.0	0.5	7.5	2.5				11.5
La Center			T.	1.2	3.0	0.1				4.3
La Crosse			0.5	10.5	3.5	T.	T.			14.5
Lake Chelalum			11.0	12.5	51.1	9.5	0.5			84.6
Lake Kachess		11.0	17.5	12.0	71.5	22.0	16.0	T.		150.0
Lake Keechelus		22.0	41.2	33.5	95.3	30.7	17.5	6.5		246.7
Lakeside			6.0	15.5	31.5	3.0	T.			56.0
Laurel		0.1	16.6	24.5	38.8	3.9	2.0			85.9
Laurier		7.0	5.5	10.8	33.5	8.5	2.0			67.3
Lone Tree										0
Longmires Springs		1.0	(*)	(*)	39.8	31.7	32.0	11.2	T.	
Lost Creek		3.0	8.5	6.4	12.5	1.0	1.0			32.4
McConihe			0.5	5.5	2.9	1.0				9.9
McCumbers Ranch			8.0	18.0	33.5	3.0	1.0			63.5
Moses Lake			T.	4.8	2.0	(*)				
Mottinger				5.5	T.	T.				5.5
Mount Pleasant			T.		8.5	0.5	3.0			12.0
Moxee			T.	6.7	11.5	0.7				18.9
Newport		2.0	5.5	7.0	17.0	12.0	3.0	T.		46.5
Nighthawk	(*)	(*)	8.4	5.8	40.2	8.0	3.5	0.5	(*)	
North Head							0.1			0.1
Northport		4.0	8.0	10.7	17.7	9.0	3.5			52.9
North Yakima			T.	9.2	14.8	1.0	T.			25.0
Odessa			0.5	8.7	3.0	0.5	T.			12.7
Olga					4.0	4.5	2.0			10.5
Olympia					1.0					1.0
Omak		T.	T.	6.8	11.0	T.	T.			17.8
Oroville		T.	1.5	5.4	5.9	4.5				17.3
Peola		6.4	6.9	6.5	26.2	20.8	13.3	1.0	1.3	82.4
Pomeroy			0.2	12.5	4.0	1.5	(*)			
Port Crescent					6.8	T.	T.			6.8

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Washington—Continued.										
Port Townsend					3.5	2.5	T.			6.0
Pullman		1.0	6.0	8.0	16.0	7.0				38.0
Queets River			T.		1.5	0.9	0.2			2.6
Quiniault					3.5					3.5
Reardan		0.5	3.5	12.3	7.5	5.5	3.5			32.8
Republic		4.0	6.0	10.0	25.4	9.0	2.5			56.9
Rosalia			2.0	7.8	4.7	3.5	1.0			19.0
Russells Ranch		6.6	14.7	20.9	54.3	19.6	7.2	T.		123.3
Seattle				T.	0.7	0.4	T.			1.1
Sedro-Woolley			2.6		1.0	(*)				
Sixprong				4.5	1.0	2.5				8.0
Skagit Power Dam			3.5		31.0	19.0	15.0			68.5
Snohomish					3.7	3.7	0.2			7.6
Snoqualmie Falls						0.5				0.5
Snoqualmie Pass	2.0	3.0	45.0	38.0	165.0	58.0	47.0	15.0	(*)	
Snyders Ranch		T.	15.0	18.0	60.0	10.0	7.0			110.0
South Bend					T.					T.
Spokane		T.	1.4	4.8	4.3	4.1	1.2	T.		15.8
Stokes Ranch		2.8	18.2	17.3	52.8	6.0	7.8			104.9
Sullivan Lake		4.0	20.0	6.0	27.0	17.0	4.0	1.0		79.0
Sumner					0.5	T.				0.5
Sunnyside				8.7	6.0	2.0				16.7
Tacoma				T.	0.5	T.	1.0			1.5
Tatoosh Island			T.	T.	6.0	T.	0.2			6.2
Tieton Canyon		2.5	12.5	12.0	37.5	2.5				67.0
Touchet				4.8	1.5	T.			T.	6.3
Touchet Ridge		6.0	13.7	18.0	34.2	19.5	9.2	2.0	1.0	103.6
Trinidad			1.0	11.0	17.0	2.0				31.0
Upper Clealum Valley	(*)	(*)	66.0	30.0	114.0	45.0	24.0		(*)	
Vancouver				T.	1.2	T.				1.2
Vashon Island						T.	T.			T.
Wahluke		(*)		6.5	5.5	1.5				
Wallace			13.3	14.5	53.0	8.3	1.5	0.5		91.1
Walla Walla			T.	8.3	4.0	3.4				15.7
Washougal				2.0		T.				2.0
Wenatchee			4.3	9.5	20.5	2.3	T.			36.6
Wenatchee (near)		2.0	8.0	14.5	33.0	5.0	0.5			63.0
White Salmon			T.	20.8	4.0	0.7				25.5
Wilbur		1.0	3.5	8.5	5.5	4.0	0.1			22.6
Wind River			5.5	38.5	32.0	10.0				86.0
Winthrop		2.0	18.5	12.7	43.0	2.7	6.0			84.9
Yacolt				5.0	4.2	1.6				10.8
Yale			1.5	4.0	7.0	3.0				15.5
West Virginia.										
Bancroft		T.	7.0	0.5	4.2	9.8	12.5	T.		34.0
Bayard	T.	3.0	26.0	6.0	40.2	31.2	32.5	2.0		140.9
Beckley		2.0	32.0	6.0	24.0	15.0	(*)			
Bens Run			19.0	2.0	12.0	41.0	16.0			90.0
Bluefield			3.5	5.0	15.0	15.0	15.0			53.5
Buckhannon	T.	T.	29.0	3.5	16.5	16.5	23.5	T.		89.0
Burlington		T.	T.	3.5	12.0	28.0	19.0			62.5
Cairo		T.	14.0	2.0	8.5	23.0	(*)	T.		
Central Station		T.	18.0	(*)	18.0	21.0	13.5	T.		
Charleston		T.	9.0	0.5	3.5	14.5	21.4	T.		48.9
Cortland	(*)	(*)	24.0	8.0	26.0	17.0	34.0	(*)		
Creston			9.0	1.0	4.7	19.2	8.3			42.0
Cuba		T.	12.0	2.7	6.7	21.5	11.5	(*)		
Davis	T.	2.0	36.6	9.0	37.0	33.5	54.5	1.5		174.1
Elkhorn			10.0	2.0	13.3	12.2	18.4	T.		55.9
Elkins		T.	20.5	4.8	13.4	13.4	20.0	T.		72.1
Fairmont		T.	17.5	3.0	14.5	23.0	12.0	T.		70.0
Glenville			16.0	2.0	13.0	22.0	14.0			67.0
Grafton		T.	13.7	2.0	15.0	27.0	13.0	T.		70.7
Green Sulphur Springs		0.2	5.0	1.2	21.5	15.0	11.2	T.		54.1
Harpers Ferry				1.0	3.4	15.2	8.5			28.1
Hinton		T.	3.0	1.0	25.0	19.0	11.0			59.0
Holcomb		T.	24.0	6.0	23.0	15.0	56.5	0.5		125.0
Huntington		T.	4.0	1.4	2.5	10.0	11.3	T.		29.2

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
West Virginia—Continued.										
Lewisburg	.....	T.	5.0	0.5	16.5	26.5	18.5	T.	.....	67.0
Logan	.....	T.	4.0	(*)	(*)	(*)	(*)	(*)	(*)	.....
Lost City	.....	.....	T.	6.0	17.0	20.0	12.0	.....	.....	55.0
Lost Creek	.....	T.	14.5	2.0	11.0	17.5	12.5	T.	.....	57.5
Madison	.....	1.0	10.0	3.0	4.0	6.0	13.0	.....	.....	37.0
Mannington	.....	0.2	22.2	3.5	26.9	16.6	10.8	0.7	.....	80.9
Marlinton	(*)	.....	3.0	2.5	14.6	20.0	15.5	.....	.....	.....
Martinsburg	.....	T.	.....	1.0	T.	22.0	8.0	.....	.....	31.0
Moorefield	(*)	.....	T.	3.0	18.5	27.0	19.0	.....	.....	.....
Morgantown	.....	T.	(*)	4.5	11.6	13.8	8.5	T.	.....	.....
Moundsville	.....	.....	15.9	T.	16.8	13.9	3.1	(*)	.....	.....
New Cumberland	.....	T.	14.0	T.	12.0	14.0	4.0	T.	.....	44.0
New Martinsville	.....	.....	18.0	(*)	(*)	(*)	8.3	T.	.....	.....
Nuttallburg	(*)	T.	23.0	2.0	24.0	21.0	41.0	.....	.....	.....
Osceola	(*)	(*)	(*)	(*)	(*)	60.0	63.0	1.0	.....	.....
Parkersburg	.....	T.	15.9	1.1	2.9	23.4	6.0	T.	.....	49.3
Parsons	.....	T.	25.0	6.5	29.0	17.5	34.5	3.0	.....	115.5
Philippi	T.	0.5	15.6	6.8	22.4	28.4	13.5	0.1	.....	87.3
Pickens	.....	6.0	36.0	16.0	31.0	23.0	54.0	3.0	.....	169.0
Point Pleasant	.....	T.	10.0	T.	T.	18.0	9.0	.....	.....	37.0
Princeton	.....	1.0	10.0	3.0	26.0	32.0	24.0	.....	.....	96.0
Robertsburg	.....	T.	7.5	0.5	3.0	11.0	10.0	T.	.....	32.0
Rowlesburg	.....	.....	14.4	5.0	19.0	23.2	19.3	T.	.....	80.9
Ryan	.....	1.0	8.6	4.2	14.1	15.7	15.3	0.3	.....	59.2
St. Marys	.....	(*)	18.0	(*)	10.0	29.0	15.0	.....	.....	.....
Smithfield	.....	1.0	31.0	6.0	29.5	27.0	18.5	T.	.....	113.0
Spencer	.....	T.	19.5	1.4	8.5	13.0	16.0	.....	.....	58.4
Sutton	.....	T.	(*)	2.0	19.7	14.0	14.5	.....	.....	.....
Union	.....	T.	3.5	T.	18.0	(*)	6.0	.....	.....	.....
Upper Tract	.....	.....	3.0	4.0	15.0	12.0	(*)	.....	.....	.....
Wellsburg	.....	T.	20.0	5.0	23.2	22.5	8.4	1.2	.....	80.3
Weston	(*)	(*)	14.0	5.6	26.0	26.6	19.0	1.0	.....	.....
Wheeling	T.	T.	16.3	0.8	6.4	23.5	2.2	0.5	.....	49.7
Williamson	.....	T.	3.0	1.0	2.5	5.5	14.8	.....	.....	26.8
Wisconsin.										
Antigo	.....	T.	.....	T.	5.7	5.3	6.0	8.0	.....	25.0
Appleton	T.	1.0	3.2	0.2	6.5	10.6	7.0	3.8	.....	32.3
Ashland	T.	3.5	0.5	T.	8.9	3.8	1.1	T.	.....	17.8
Baraboo	(*)	(*)	(*)	(*)	3.0	3.0	3.0	1.0	.....	10.0
Barron	.....	0.5	T.	T.	11.0	6.2	4.0	6.0	.....	27.7
Bayfield	T.	13.0	2.0	1.0	(*)	(*)	10.0	(*)	.....	.....
Beloit	.....	1.0	T.	T.	6.2	10.2	T.	T.	.....	17.4
Big St. Germain Dam	.....	1.5	1.5	2.8	9.8	7.1	4.5	10.8	.....	38.0
Brodhead	.....	T.	T.	T.	6.0	12.0	1.0	T.	.....	19.0
Burnett	T.	4.8	2.0	T.	4.5	7.6	2.0	5.0	.....	25.9
Cecil	T.	T.	2.0	T.	7.5	6.5	4.0	8.0	.....	28.0
Cottage Grove	0.1	3.1	0.1	0.5	4.8	13.3	(*)	(*)	.....	.....
Crandon	T.	T.	0.1	0.1	6.8	3.1	2.4	0.5	(*)	.....
Darlington	.....	.....	.....	T.	4.5	12.0	1.5	1.0	.....	19.0
Deerskin Dam	T.	0.8	4.0	T.	7.9	4.2	5.0	9.0	T.	30.9
Delavan	.....	3.0	0.5	T.	7.0	11.7	1.0	T.	.....	23.2
Dodgeville	.....	1.0	.....	T.	4.8	6.5	T.	T.	.....	12.3
Downing	.....	T.	.....	T.	14.0	6.0	4.0	4.0	.....	28.0
Eau Claire	.....	T.	T.	T.	7.8	6.3	4.2	2.5	.....	20.8
Florence	T.	T.	T.	T.	9.0	4.5	11.0	1.5	.....	26.0
Fond du Lac	T.	2.5	3.0	0.2	5.2	8.2	2.0	2.0	.....	23.1
Glen Flora	T.	5.5	1.0	T.	10.5	6.0	4.5	1.0	.....	28.5
Grand Rapids	.....	3.8	T.	0.7	7.4	5.9	4.6	6.9	.....	29.3
Grand River Locks	T.	5.0	1.0	.....	7.5	7.5	3.5	5.0	.....	29.5
Grantsburg	.....	0.5	.....	.....	6.5	2.5	6.5	2.5	T.	18.5
Green Bay	.....	T.	1.8	0.4	5.1	9.5	2.1	5.7	.....	24.6
Hancock	.....	4.0	T.	T.	6.5	7.0	5.0	4.0	.....	26.5
Hatfield	.....	0.9	.....	0.5	7.5	7.9	3.8	6.0	.....	26.6
Hayward	T.	.....	.....	T.	(*)	(*)	(*)	3.5	.....	.....
High Falls	.....	T.	T.	0.3	7.5	9.8	9.0	3.7	.....	30.3
Hillsboro	.....	2.0	T.	2.0	5.5	7.5	2.0	4.0	.....	23.0
Kewaunee	.....	.....	0.5	T.	7.0	7.0	5.1	7.0	.....	26.6
Koepenick	2.0	1.0	3.0	1.0	10.0	6.0	5.0	6.0	.....	34.0

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Wisconsin—Continued.										
La Crosse	.....	T.	T.	0.3	8.3	7.9	2.2	1.8	.....	20.5
Lake Mills	.....	1.3	0.5	0.5	6.0	9.0	4.6	1.9	.....	23.8
Lancaster	.....	2.5	.....	T.	5.5	5.5	3.5	0.5	.....	17.5
Long Lake	T.	0.7	3.5	0.5	8.9	10.1	3.1	2.5	.....	29.3
Madison	.....	T.	T.	T.	5.0	9.6	0.7	0.3	.....	15.6
Manitowox	.....	T.	3.0	1.0	10.5	13.8	1.5	4.8	.....	34.6
Marshfield	.....	2.0	T.	0.9	10.3	5.1	1.3	4.0	.....	23.6
Mather	.....	3.0	.....	1.0	7.5	6.9	1.5	4.0	.....	23.9
Mauston	.....	3.0	1.0	1.0	3.2	6.0	6.0	2.0	.....	22.2
Meadow Valley	.....	3.0	T.	1.0	6.5	4.0	4.0	5.0	.....	23.5
Medford	T.	4.0	.....	T.	7.5	6.0	T.	7.5	.....	25.0
Menasha	T.	0.5	2.5	0.2	6.0	7.2	2.5	3.2	.....	22.1
Menomonee Falls	T.	1.2	0.2	0.2	3.9	12.2	1.9	7.0	.....	26.6
Merrill	0.6	1.5	T.	0.9	6.6	4.8	2.0	6.2	.....	22.6
Milwaukee	.....	1.0	T.	0.2	5.2	11.8	4.7	2.0	.....	24.9
Minocqua	T.	1.5	T.	T.	6.0	4.0	1.5	6.5	T.	19.5
Mondovi	.....	1.0	.....	.....	10.0	5.1	3.5	3.8	.....	23.4
Mount Horeb	.....	6.0	0.2	1.0	6.9	4.0	1.4	2.0	0.5	22.0
Muscoda	.....	.....	.....	.....	2.0	4.0	1.0	T.	.....	7.0
Neillsville	.....	T.	.....	T.	1.5	2.0	3.0	4.0	T.	10.5
New London	T.	1.0	3.0	T.	11.0	11.4	9.0	6.0	.....	41.4
New Richmond	(*)	(*)	T.	.....	10.0	10.0	2.0	2.0	.....	.....
Oconto	.....	.....	4.0	T.	7.5	10.5	3.0	5.0	.....	30.0
Osceola	.....	2.0	T.	T.	10.0	4.8	1.0	3.0	T.	20.8
Oshkosh	.....	1.0	2.0	T.	7.0	8.0	3.0	6.0	.....	27.0
Park Falls	T.	6.5	1.0	1.0	7.5	5.5	6.0	6.5	0.5	34.5
Pine River	T.	2.0	1.8	0.1	8.4	6.1	4.9	4.8	.....	28.1
Plum Island	.....	T.	.....	T.	14.1	5.8	4.9	4.0	.....	28.8
Plymouth	T.	0.4	3.0	T.	5.5	12.3	5.1	4.2	T.	30.5
Portage	.....	2.5	0.5	T.	5.2	3.8	4.1	1.4	.....	17.5
Port Edwards	T.	4.0	T.	1.0	12.5	6.0	8.0	5.0	.....	36.5
Port Washington	.....	1.0	1.0	1.0	9.2	19.0	1.5	7.0	.....	39.7
Prairie du Chien	.....	T.	.....	T.	6.0	7.5	1.0	1.0	.....	15.5
Prairie du Sac	.....	0.5	0.2	.....	4.2	4.2	2.2	0.5	.....	11.8
Prentice	T.	5.8	1.2	T.	8.5	6.0	3.2	8.0	T.	32.7
Racine	.....	1.0	T.	T.	4.2	5.5	1.3	1.0	.....	13.0
Reedsburg	(*)	(*)	(*)	(*)	5.1	3.5	1.6	0.6	.....	.....
Rest Lake	T.	T.	.....	T.	10.4	5.0	T.	0.5	.....	15.9
Rhinelander	0.5	0.5	1.5	T.	6.5	8.0	3.0	T.	T.	20.0
Ripon	.....	2.0	3.0	0.5	8.4	6.5	5.4	3.5	.....	29.3
Sheboygan	.....	T.	2.0	T.	7.0	19.0	0.5	5.0	.....	33.5
Shullsburg	.....	2.0	.....	T.	3.5	13.0	0.2	T.	.....	18.7
Solon Springs	1.5	T.	0.5	0.5	T.	9.0	6.5	11.0	0.5	29.5
Spooner	.....	2.0	1.0	.....	7.5	5.0	5.5	2.0	0.8	23.8
Stanley	.....	(*)	.....	T.	7.5	2.0	2.0	4.0	.....	.....
Stevens Point	T.	1.0	T.	T.	6.0	3.3	5.0	6.0	.....	21.3
Sturgeon Bay	.....	T.	0.8	T.	6.0	13.0	2.0	5.0	T.	26.8
Sugar Camp Dam	T.	1.3	T.	T.	7.5	7.0	6.0	6.0	.....	27.8
Superior	.....	0.4	.....	1.4	8.4	5.2	7.5	8.0	.....	30.9
Tomahawk	T.	0.5	0.5	T.	4.5	4.2	3.8	7.0	.....	20.5
Trout Lake	T.	T.	.....	T.	(*)	(*)	7.0	6.0	T.	.....
Twin Lakes Dam	.....	(*)	7.0	T.	13.0	5.5	4.5	(*)	.....	.....
Valley Junction	.....	T.	T.	T.	4.0	6.0	4.0	6.0	.....	20.0
Viroqua	.....	2.0	.....	T.	5.5	6.0	3.5	2.0	.....	19.0
Vudesare	2.0	1.0	6.0	3.0	8.0	2.5	7.5	15.0	(*)	.....
Watertown	.....	2.5	0.5	0.8	5.8	10.8	6.2	2.0	.....	28.6
Waukesha	.....	2.0	1.0	0.2	8.0	18.8	3.8	2.0	.....	35.8
Waupaca	.....	0.8	0.5	T.	11.8	12.0	7.8	6.5	.....	39.4
Wausau	.....	0.5	.....	0.8	6.5	7.2	4.0	8.5	.....	27.5
Weyerhaeuser	T.	3.0	0.5	T.	11.5	8.5	4.5	6.8	T.	34.8
Whitehall	.....	1.0	.....	T.	8.0	5.0	4.0	4.0	.....	22.0
Wyoming.										
Alta	1.0	21.4	8.2	6.5	22.5	13.4	7.5	4.7	.....	85.2
Bedford	T.	8.0	5.2	18.9	56.5	21.6	13.6	5.0	.....	128.8
Cheyenne	T.	2.6	2.5	21.4	0.8	2.4	5.4	5.1	0.1	40.3
Centennial	T.	5.7	7.3	31.6	41.4	23.1	6.0	22.8	6.5	144.4
Chugwater	T.	T.	.....	28.0	3.0	6.0	6.0	6.0	(*)	.....
Clark	T.	4.5	.....	1.0	0.5	1.7	6.0	T.	T.	13.7

Monthly and seasonal snowfall, 1913–1914—Continued.

Stations.	1913				1914					Annual.
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	
Wyoming—Continued.										
Cokeville	T.	6.0	7.0	8.0	26.0	4.0	5.0	9.1	T.	65.1
Dome Lake	14.0	41.0	25.0	16.0	29.0	27.0	42.0	69.0	9.0	272.0
Dubois	1.0	3.0	3.0	2.0	10.7	1.0	1.5	5.0	T.	27.2
Eatons Ranch	T.	5.0	2.0	4.0	3.0	12.2	26.0	9.0	(*)	.....
Echeta	2.0	(*)	(*)	1.0	6.0	15.0	6.0	2.0	T.	.....
Elk Mountain	0.5	24.8	22.5	25.5	32.0	46.0	17.5	25.5	3.0	197.3
Ervay	6.0	12.0	4.0	16.0	12.0	10.5	5.0	19.0	.....	84.5
Evanston	T.	5.0	1.5	7.0	25.0	3.5	5.0	2.5	T.	49.5
Fort Laramie	.....	T.	4.0	13.5	T.	2.5	1.1	T.	.....	21.1
Green River	T.	7.0	T.	5.6	34.0	3.2	3.9	3.5	T.	57.2
Hunters Station	8.0	17.0	5.0	4.0	18.0	6.0	15.0	27.0	6.0	106.0
Kirtley	.....	0.5	0.5	17.0	1.5	6.8	.....	6.0	.....	32.3
Knowles	3.3	5.9	1.6	4.2	3.0	7.4	16.5	3.0	7.6	52.5
Lander	9.3	10.0	3.6	13.9	0.6	8.2	1.4	11.1	1.6	59.7
Laramie	T.	4.1	2.5	18.9	3.1	4.3	3.7	6.5	2.1	45.2
Lolabama Ranch	4.0	10.0	4.0	1.0	11.0	3.5	4.5	4.5	T.	42.5
Lusk	.....	T.	T.	7.0	1.2	0.2	0.7	4.0	.....	13.1
Newcastle	T.	2.5	1.5	1.0	1.5	6.2	4.5	1.5	.....	18.7
Pathfinder	T.	3.0	3.5	11.7	0.2	5.9	5.2	7.7	.....	37.2
Powell	T.	2.0	.....	1.5	T.	T.	1.3	0.1	.....	4.9
Rawlins	T.	5.5	7.0	9.0	10.0	4.5	5.0	1.0	T.	42.0
Saratoga	T.	3.0	6.0	10.0	6.0	7.1	T.	(*)	(*)	.....
Sheridan	0.1	4.7	0.4	1.9	4.0	14.7	8.9	4.5	1.4	40.6
Shoshone Dam	3.2	8.7	1.0	3.4	6.9	5.7	2.0	T.	T.	30.9
South Pass City	3.5	6.0	11.5	6.5	35.1	10.6	6.3	14.0	(*)	.....
Thermopolis	1.5	4.1	5.7	7.5	4.2	5.0	7.1	3.5	.....	38.6
Wyncote	.....	T.	2.5	19.0	T.	2.7	2.0	1.5	.....	27.7
Yellowstone Park	4.8	11.5	3.5	1.0	11.0	5.8	6.9	3.6	0.2	48.3
Grand Canyon	1.4	18.1	22.5	1.3	37.7	16.1	12.7	10.0	2.0	121.8
Lake Hotel	2.0	23.0	23.5	7.0	39.5	17.4	26.5	15.5	2.0	156.4
Snake River	2.1	54.0	40.0	13.0	75.0	54.0	31.0	13.0	1.0	283.1
Soda Butte	T.	14.0	4.9	8.0	10.9	27.0	6.2	4.1	1.0	76.1
Tower Falls	2.0	11.5	5.0	4.2	17.5	13.0	5.5	0.9	T.	59.6
Canadian Stations.										
St. Johns, Newfoundland	.....	.....	4.5	7.0	21.0	18.0	9.0	14.0	.....	73.5
Sydney, Cape Breton Island	.....	.....	5.0	12.0	15.0	23.0	24.0	39.0	4.0	122.0
Halifax, Nova Scotia	.....	.....	T.	6.0	8.9	21.0	4.9	5.8	1.4	48.0
Yarmouth, Nova Scotia	.....	.....	.....	0.8	12.6	26.1	6.8	2.4	0.4	49.1
Charlottetown, Prince Edward Island	.....	.....	1.5	9.2	25.2	23.6	9.7	17.7	7.0	93.9
Chatham, New Brunswick	.....	.....	0.8	27.5	22.3	22.0	22.3	21.6	0.3	116.8
Father Point, Quebec	.....	T.	1.9	18.6	9.5	15.2	12.1	9.8	0.5	67.6
Quebec, Quebec	.....	T.	2.5	20.6	36.5	24.9	18.5	9.8	.....	112.8
Montreal, Quebec	.....	0.1	4.7	27.5	31.2	14.9	23.0	4.5	.....	105.9
Stonecliffe, Ontario	.....	.....	1.1	10.5	31.7	24.8	(*)	3.1	.....	.....
Ottawa, Ontario	.....	0.3	3.2	15.2	25.6	11.3	13.2	11.7	.....	80.5
Kingston, Ontario	.....	0.2	2.8	7.9	21.5	5.3	6.5	1.4	.....	45.6
Toronto, Ontario	.....	T.	0.8	5.6	30.2	12.8	11.8	1.0	.....	62.2
White River, Ontario	.....	0.2	9.0	7.0	10.0	8.0	6.0	11.0	.....	51.2
Port Stanley, Ontario	.....	.....	15.0	7.2	32.0	15.1	4.9	4.7	.....	78.9
Southampton, Ontario	.....	6.0	6.9	5.6	29.4	26.5	13.9	2.1	.....	90.4
Parry Sound, Ontario	.....	1.5	7.5	8.0	28.0	23.0	10.4	5.5	.....	83.9
Port Arthur, Ontario	.....	3.2	2.7	0.7	9.7	3.9	8.2	3.7	.....	32.1
Winnipeg, Manitoba	.....	1.4	1.6	2.6	7.8	8.2	5.8	3.6	.....	31.0
Minnedosa, Manitoba	.....	1.6	9.3	1.5	17.6	3.0	3.9	2.9	.....	39.8
Qu'Appelle, Saskatchewan	.....	15.5	2.5	0.4	15.4	3.2	10.5	8.4	12.8	68.7
Medicine Hat, Alberta	.....	1.8	0.2	2.0	10.9	8.0	4.2	T.	T.	27.1
Swift Current, Saskatchewan	.....	3.1	0.3	0.4	6.1	3.8	7.9	0.8	1.0	23.4
Calgary, Alberta	.....	5.2	8.1	T.	9.3	11.5	7.6	3.0	.....	44.7
Banff, Alberta	T.	7.4	20.2	0.5	19.1	2.5	8.1	14.0	0.5	72.3
Edmonton, Alberta	.....	4.0	0.6	1.8	10.4	10.6	3.2	1.0	T.	31.6
Prince Albert, Saskatchewan	.....	5.2	3.1	1.1	7.1	(*)	(*)	6.5	8.0	.....
Battleford, Saskatchewan	.....	.....	1.0	T.	7.0	4.0	8.0	0.2	.....	20.2
Kamloops, British Columbia	.....	.....	3.0	2.6	12.3	21.3	T.	.....	.....	39.2
Victoria, British Columbia	.....	.....	.....	.....	3.6	0.3	0.1	.....	.....	4.0
Barkerville, British Columbia	4.7	38.3	50.9	16.5	41.5	(*)	25.5	8.5	.....	.....