

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

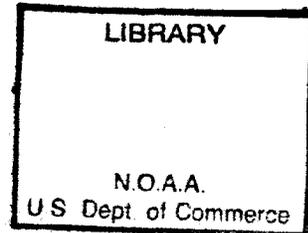
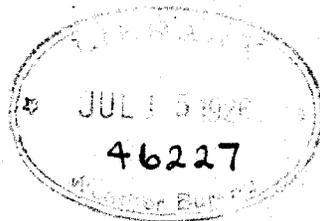
REPORT

OF THE

CHIEF OF THE WEATHER BUREAU

1924-1925

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

LETTER OF TRANSMITTAL

UNITED STATES DEPARTMENT OF AGRICULTURE,
WEATHER BUREAU,
Washington, November 24, 1925.

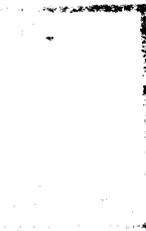
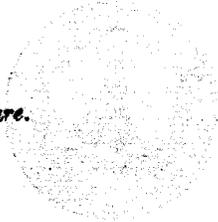
SIR: I have the honor to submit herewith a report of the operations of the Weather Bureau during the fiscal year ended June 30, 1925.

Respectfully,

C. F. MARVIN,
Chief of Bureau.

Hon. W. M. JARDINE,
Secretary of Agriculture.

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PART I
ADMINISTRATIVE REPORT

REPORT

OF THE

CHIEF OF THE WEATHER BUREAU

In previous years it has been the practice to discuss in this report our progress during the year in the several lines of activity comprising the work of the bureau. Since this no doubt led to repetition of unimportant details, it is now proposed, in the interest of economy, to limit these remarks to two topics which have at the time some marked public interest. Those chosen for this report are: (1) Meteorological service in aid of aeronautics; (2) solar radiation and weather forecasting.

METEOROLOGICAL SERVICE IN AID OF AERONAUTICS

Many happenings during the past fiscal year in the field of aviation have emphasized the frailty of all types of aircraft with reference to the buffeting of storms and other adverse weather conditions. Fifty years ago the destruction of shipping on the Great Lakes and in marine navigation was the primary cause which led to the creation of the Weather Bureau "for giving notice on the Northern Lakes and on the seacoast, by magnetic telegraph and marine signals, of the approach and force of storms." To-day the necessity of an intensified service of this character, for the purpose of warning pilots of aircraft, is paramount and outstanding, and the great organization of the Weather Bureau, with its widespread network of stations embracing reports literally from the entire Northern Hemisphere, is obviously a prerequisite to the furnishing of meteorological advices for aeronautics.

Very early in the stages of the World War the bureau initiated action to impress upon the military departments of the Government the importance of meteorology in war operations, and voluntarily offered its services and cooperation. At a later stage meteorological units in the departments, especially the War Department, were very largely organized from Weather Bureau men, including such names as Major Bowie, Major Blair, Captain Reed, Captain Thiessen, Lieutenant Weightman, and Lieutenant Sherry, and a considerable number of others. Some of these officers still remain with the military branches of the Government.

Subsequent to the war, on occasions, for example, of the trans-Atlantic flight of seaplanes by the Navy Department and a long list of subsequent flights by both Army and Navy organizations, the Weather Bureau has never failed in the slightest degree to give the fullest possible service and cooperation at its command in the form of special reports collected, distributed, and made available; also very important forecast information and advices from our ablest experts in this field.

Some have supposed that aviation interests should maintain their own meteorological services. This is undoubtedly true in time of war and to a limited extent in time of peace for purposes of training and as a nucleus on which to build in time of war. It seems, however, that a very little consideration will show the existing meteorological organization in the Weather Bureau should be completely competent to furnish all branches of the Government, civil and military alike, during peace times, with all species of meteorological services and advices. Separate agencies would necessarily require full reports from the entire network of stations; upper-air reports alone are not sufficient. If the Weather Bureau does not serve aviation, some other agency must duplicate its system of reports to do so, and this means great waste of time, effort, and money.

The Weather Bureau is now performing a very considerable service in aid of aviation, and the cooperation with the military and other branches of the Government is extensive and

cordial. The service that the bureau can perform is naturally limited considerably by lack of specific appropriations. In fact, only a small appropriation has been granted by Congress for the extension of this activity. This increase was made during the war, and by means of it six stations were established over the country for measuring upper-air conditions by means of kites and pilot balloons. In addition a small number of other stations were established, mostly at existing Weather Bureau stations and at little additional cost, for making observations with pilot balloons only. The Army and Navy also have pilot-balloon stations, whose reports are telegraphed to the Weather Bureau each day. It is thought that any one can see that six major stations and 15 or 20 pilot-balloon stations are very inadequate to give the forecasters a comprehensive picture of conditions in the free air over a country of the expanse of the continental United States.

It seems to be altogether self-evident, if not, indeed, axiomatic, that the expansion of the existing meteorological organization of the Weather Bureau to fully meet the needs of both civil and military aviation in the United States can be secured at a small fraction of the cost that would be required to organize and maintain separate agencies of any kind for meeting all the various meteorological needs of the Nation, especially on a peace-time basis of activity.

This introduces the question of a meteorological organization for the Nation on a war-time basis, especially with a state of warfare on our own soil. This important question has been analyzed and examined in the most thorough fashion on the part of the Weather Bureau and the following paragraphs state the case briefly.

The Army and Navy now have limited meteorological units for use at flying fields, naval bases, ordnance proving grounds, etc. These are necessary, not only for peace-time service but as a nucleus for a trained personnel and the development of programs for application in time of war. But it is quite evident that these men, only a few of whom are technical men and meteorologists from the scientific standpoint, would be a mere handful in comparison with the large number that would be required during hostilities. Trained meteorologists are scarce at any time, and the complications and difficulties that arise in time of war in the most advantageous utilization of man power would aggravate the situation. Perhaps 90 per cent of the trained and dependable meteorologists of the country are in or associated with the Weather Bureau.

Therefore, it would seem to be the part of wisdom to in some way arrange that in time of war the Weather Bureau, or such parts of it as might be necessary, should automatically become a part of the military organization, and that such plans be worked out in advance, so that there would be a smoothly operating and efficient meteorological service immediately available. Any one familiar with the difficulties experienced by our military people during the Great War in independently obtaining and training men for meteorological work will appreciate at once the great need for better preparedness along this line. Possibly the best way to accomplish the purpose would be by placing the Weather Bureau in a status similar to that of the Coast Guard and Coast and Geodetic Survey, more particularly the latter, whereby officials of the Weather Bureau in sufficient number would have the status and rank of reserve officers and the work would be so organized that an immediate transfer could be effected. These precedents seem to abundantly justify the provisions herein suggested for a war-time organization.

Returning to the Weather Bureau service at the present time, the bureau is keenly alive to the existing needs for more service and its responsibility to supply the same. It has repeatedly outlined programs and proposals for the enlargement and improvement of its aerological service; but, as previously stated, additional appropriations permitting such extensions have not as yet been granted.

One of the more recent statements of this character was drawn up in answer to a request for information from a committee appointed by the Secretary of Commerce on the recommendation of the American Engineering Council. It was shown in that statement how to utilize not only the fully equipped first-order stations of the bureau but to secure special reports from cooperative stations at very slight cost. The program would, of course, include first the collection of advices and information as to existing meteorological conditions and the dissemination of these to all agencies, whether civil or military, in need thereof. The cost of

extension of this existing organization would, of course, depend very largely upon the number of aircraft and airways in operation at any particular time. On the present basis it is estimated that an additional appropriation of about \$75,000 per annum would be adequate to meet the needs for each 1,000 miles of airway.

Not only have these plans for the betterment and extension of the existing meteorological service of the Weather Bureau been maturely considered and worked out, but its officers have cordially and whole-heartedly entered into conferences, through an interdepartmental committee created by the coordinator, with representatives from the branches of the departments interested. The objects are to more completely and fully coordinate the needs, activities, and interests of the Weather Bureau and the military branches of the Government and to work out the best solution for certain serious existing difficulties. E. B. Calvert, Chief of the Forecast Division of the Weather Bureau, is chairman of the interdepartmental committee, and while the work of the committee and related subjects is still in progress, some of the major objectives may be mentioned.

An outstanding deficiency in existing service is the fact that the twice-daily observations telegraphed from the regular field stations on which weather forecasts and warnings are based are taken at hours which do not best meet the needs of aviation, especially in the eastern and central sections of the country where a very large part of flying is done. The observations are taken nominally at 8 o'clock a. m. and p. m., eastern standard time. It is necessary for forecasting purposes that they be taken synchronously. Although the observations are collected at forecasting and distributing centers by an intricate but highly efficient system of telegraph circuits in about one hour after they are taken, they can not be made available before many of the early morning flying operations begin. The observation hours were established years ago, long before navigation of the air was other than a dream, and for sound and justifying reasons which it is not necessary or important to explain at this time. However, why the observations are not now taken earlier is a pertinent question. To those not familiar with the situation it would seem to be a simple thing to do, but it is not. Difficult and perplexing problems are involved, some of which will be briefly referred to later. It is believed that all are solvable, but the essential solvent is money.

There is urgent need for more observations in the upper air. The number of telegraphed reports of observations taken at the surface (about 200 in continental United States, 12 in Alaska, 48 in Canada and in the West Indies and contiguous areas, and considerable numbers from ships at sea), while not altogether sufficient, need not be immediately increased to any material extent. Contrasted with this is the fact that in all the United States upper-air observations are available from but 26 places. It must be known what is going on in the air above us, as well as on the surface, in order that better and more detailed forecasts and advices may be given aviators. It is evident that data of this sort now available are far too scant. Here again it is a question of money.

Another and emphatic need is specially organized services along the principal airways whereby aviators, whether they be military or civilian, can secure quickly and at any time detailed information of weather conditions existing over the line of flight before they take the air, and also advices as to weather changes that are likely to occur during the flight. Such an organization should consist of fully equipped first-order stations, spaced not more than 250 miles apart (regular Weather Bureau stations now in operation would meet this requirement in most instances), at which complete observations would be taken at short fixed intervals and oftener when necessary, and include upper winds, visibility, cloud heights, fog, etc. These stations should be connected by leased wire and act as distributing centers by direct contact with aviation fields. In addition, substations should be located between the principal stations and to either side of the airways not more than 75 miles apart, from which supplemental eye observations of visibility, low clouds, fog, thunderstorms, squalls, rains, snow, etc., can be obtained by telephone at fixed times, or as often as required. The importance and value of airway organizations of this kind cannot be too strongly emphasized. None now exist. It is

confidently believed that the cost of such airway units would be more than offset by savings due to more economical operation than otherwise would be possible, and the prevention of losses of planes and property, as well as in the saving of lives.

Previous reference has been made to the taking of observations at an earlier hour, to arrangement of facilities for making the observations available promptly to flying fields, and to the need for more observations taken in the upper air. These are the principal subjects that thus far have received attention by the committee.

The time at which observations are taken at field stations will be advanced by two hours as soon as certain complicated problems have been solved and means are provided for putting the change into effect. When accomplished, the established hours of observation will be 6 o'clock a. m. and p. m., eastern standard time, corresponding to 5 o'clock, 4 o'clock, and 3 o'clock, respectively, in the central, Rocky Mountain, and Pacific coast time-zone areas. The change will result in some disadvantages from a scientific standpoint, and cause much personal hardship, especially in the western areas, to employees who already have long and exacting hours of service every day in the year, Sundays and holidays included, by requiring that they begin their work before daylight; but these are merely disadvantages and knotty problems affecting the mechanical and administrative questions involved in the change. The greatest concern relates to factors which do not come within the independent decision of Government officials but must be worked out with the consent and cooperation of other agencies. One of the most difficult adjustments to be made is the system of telegraph circuits by means of which the weather observations are collected. These circuits are not composed of leased wires. They are commercial wires controlled and manned by the Western Union Telegraph Co. and set up promptly at 8 o'clock, morning and night. However, they are used exclusively for the transmission of weather reports during the period of the set-up (about one and one-half hours) and then revert to commercial use. A great many of the observation points connected by the circuits are located in small cities and towns of relatively small commercial importance. The providing of telegraph operators in these places and the rearranging of operating conditions so much earlier than business hours is a complicated matter, the details of which will require considerable time to work out. Undoubtedly a considerable increase in operating cost will be involved. The Western Union Telegraph Co. is now at work on the details of the problem.

Another feature involved in the proposed change is the fact that there is close cooperation between the United States Weather Bureau and the meteorological services of neighboring nations, especially Canada. The latter's system of operation conforms with ours. Its observations are taken at the same time, the character of the observations is the same, our code is used, and exchanges are made by direct contact with our circuits. In fact, from a meteorological standpoint, no boundary lines exist. Canadian weather reports are indispensable to us and correspondingly that service could not function successfully without reports from our territory. On the other hand, the need of the Canadian service for earlier reports is not as pressing as ours, and in some respects the difficulties confronting it in changing observation hours are comparable to ours with the added fact that it will involve an inescapable and material increase in the expense budget of that service. A conference has been held with the director of the Canadian meteorological service, and we feel assured of his alignment with our program.

The committee has made a study of all the aviation fields of the country—Army, Navy, State, and municipal—with relation to their present and prospective needs for the weather reports, and the best methods for promptly providing them with the regular morning and evening observations. A tentative plan has been worked out which it is believed will be effective. Radio will be used. It is the purpose to select the necessary number of Weather Bureau offices located in cities where high-power Government radio stations are available and favorably situated geographically with relation to the aviation fields to be served; to connect these Weather Bureau offices and radio stations by direct wires attached to the transmission apparatus; to assign expert radio operators in the Weather Bureau offices; and to broadcast as complete a system of weather reports as may be necessary, as fast as the reports are received and checked. In this way current weather information can be made available to fliers in a very

short time after the observations are taken. Final selection of all the broadcasting points has not been made, but Washington will be one of them and the naval radio station at Arlington will probably be used. It is a pleasure to state that the officers of the Army and Navy Departments have cordially cooperated with the committee, concurred in the practicability of the plan and given assurance that facilities will be provided for making it effective.

Some recent newspaper comments may have left an impression in the public mind that the Weather Bureau is doing little or nothing for the benefit of aviation. This, as has been shown, is far from being true. It would require too much time to enumerate the numerous instances of special service that have been rendered during the past several years, including practically every important flying event, or to describe in detail the extensive program of daily service rendered in the aid of aviation. However, the latter may be summarized as follows:

Flying-weather forecasts are made and issued twice daily for practically all sections of the United States. For this purpose the country has been divided into 14 zones.

Elaborate bulletins containing surface and upper-air reports and flying-weather zone forecasts are broadcast twice daily from the naval radio stations at Arlington, Va., and San Francisco, Calif.

Flying-weather forecasts for central zones are broadcast twice daily by radio stations in Chicago and from the naval radio station at Great Lakes, Ill.

Special route forecasts are furnished daily to the Air Service of the Army for flying operations about Chicago and for the routes between Belleville, Ill., and Selfridge Field (near Detroit, Mich.).

Special forecasts are issued twice daily for the naval flying operations about San Francisco and San Diego.

Special and detailed forecasts are issued each morning and evening at Washington for several flying routes, including the model airway, to supplement the zone forecasts distributed by radio. These forecasts are made available by telegraph or telephone directly to Army and Navy flying fields and those issued in the p. m. are published regularly in some morning papers.

Accommodations in the forecast room of the Weather Bureau at Washington are provided representatives of the Army and Navy for copying on charts current weather reports as fast as they are received from all parts of the United States and Canada, and these representatives telephone the route forecasts directly to their offices before leaving the Weather Bureau office. The charts are taken by automobile or motorcycle to the Bureau of Aeronautics and Bolling Field and posted for the benefit of aviators.

The full system of a. m. and p. m. weather reports received by telegraph at Washington, together with regular and special flying-weather forecasts, are sent by messenger to the office of communications, Navy Department, from which they are immediately telegraphed over Navy leased wires to Lakehurst, N. J., for use of the meteorological officer at that place.

The Weather Bureau has five district forecast centers, located at Washington, Chicago, New Orleans, Denver, and San Francisco, and weather information, forecasts, and warnings for the groups of States comprised within their districts are issued from these centers. These district forecasters are in close touch with the aviation interests within their districts and give direct service as conditions and facilities warrant. Moreover, local service is rendered by the officials at all Weather Bureau field stations.

When the air mail service introduced night flying across the continent, in the early summer of 1924, arrangements were made at the request of the Second Assistant Postmaster General to provide special forecasts therefor. They are issued by the district forecaster at Chicago for two sections of the route, one from Bryan, Ohio, to Omaha, Nebr., and the other from Omaha to Rock Springs, Wyo. The forecasts and weather information are made available to both eastbound and westbound fliers at Omaha.

Special service has been given in a number of cases in connection with flying activities, but there is very little organized flying of this sort at the present time. However, a complete service was arranged in connection with the first commercial reliability tour for the Ford trophy.

Aviators are always privileged to confer directly with the forecasters of the Weather Bureau, and calls by telephone for this purpose are numerous.

SOLAR RADIATION AND WEATHER FORECASTING

That solar radiation is the primary cause of all features of terrestrial weather has always been recognized by the Weather Bureau. Early in its history, when Prof. S. P. Langley was conducting at the Allegheny Observatory his pioneer researches on solar heat, Prof. Cleveland Abbe brought them to the attention of the Chief Signal Officer of the Army, with the result that in a short time provision was made for a complete expedition which enabled Professor Langley to transport his party and delicate instruments to the top of Mount Whitney, Calif. There, in the last days of August and early September, 1881, upon this summit, about 14,500 feet above the sea, as near the outer limits of the earth's atmosphere as it was practicable to carry instruments at that time, Langley made his classical measurements of the solar constant.

These early investigations upon the intensity of solar radiation, made under the auspices of the Signal Corps, had for their primary object the further solution of the fundamental problems of meteorology, and the results were submitted for publication in December, 1883, as Professional Paper of the Signal Service, No. XV, entitled "Researches on Solar Heat." From that day to the present the Weather Bureau has been interested in all studies of solar radiation, and the observations of the Astrophysical Observatory of the Smithsonian Institution and those of foreign workers in the field have been a subject of constant study.

What is the present consensus of interpretation of all such observations?

Some investigators, but not many, claim that observations show important changes of solar intensity from day to day, frequently amounting to 5 per cent and sometimes as great as 10 per cent, at intervals of 10 or more days. The Weather Bureau, basing its conclusion upon an exhaustive study of all the observations available, finds itself compelled to join the much larger group of those who doubt that real changes in the intensity of solar radiation occur. The bureau of course believes that it is physically possible for variations to occur. But the critical question is this: If there are variations, are they big enough to stand out above the variations which inevitably follow from changes in the transparency of the atmosphere and from the errors to which even the most highly refined instrumental determinations are subject? No one can go entirely beyond the earth's atmosphere and actually measure there the intensity of solar radiation. All that can be done is to measure it after it has penetrated to a greater or less depth the ocean of air in which we live. Even if observations are made on high mountain tops, we must still make the best estimate we can of how much the incoming radiation was depleted before reaching our measuring instrument. Briefly, such observations show us two things:

First, inferior observations show relatively large irregular fluctuations of the derived value of the solar constant. These observations may be *inferior* because the instruments and methods are faulty or the atmospheric depletion of incoming radiation may be large and irregular, indicating that the station is badly located, or both adverse conditions may exist. When observations are made with the best possible equipment at the best possible localities, we find that the fluctuations are only about a third or a fourth as great as those at inferior stations. This in itself shows that the large variations at the inferior stations are quite wholly errors of derivation of the solar constant, and not real changes in solar intensity outside the earth's atmosphere.

Second, when we subject the several thousand observations of the solar constant that have accumulated during the past 20 years to critical analysis by the methods which mathematicians employ to evaluate errors of observation and disclose the true facts, we find that the total fluctuation in the derived value of the solar constant from the best stations is so small that it is entirely plausible that all of it may be nothing but possible errors of derivation. Instrumental observations which are 100 per cent perfect—that is, without error—are known to be humanly impossible. If, therefore, there is any real change from day to day in solar radiation it appears to be so small as to be submerged in the unavoidable variations of our measurements.

Efforts to get sufficiently accurate simultaneous observations at two or more independent stations have been imperfectly successful. Our conclusions at the present time rest almost entirely upon the testimony of a single witness—that is to say, upon observations made almost

always at a single station that is not always the same one. What we greatly need are observations of the same sun from several *entirely independent stations*. Efforts are now being earnestly directed toward securing such observations in the future. The question of solar variability can be settled only when this objective is attained.

The reality of solar variations from day to day, therefore, has not been proved, and at best the effects of such changes, if any, are so vanishingly small when compared with those which we know to be due to the atmosphere as to be negligible from the point of view of our daily weather changes.

While the foregoing conclusions relate to short-interval changes of a few days, the studies by Doctor Kimball and Mr. Clough indicate that even the changes over periods of months, seasons, and years must still be regarded as taking place with extreme slowness, if indeed they exist at all.

These considerations lead us to the question what meteorological effects may be expected from such small variations as the best statistical analyses of data show may still be possible.

Following Sir Napier Shaw, whom we hold to be the world's leading meteorologist, we may most appropriately measure the flood of heat energy which the sun pours upon the earth in terms of electrical units. It amounts to 135,000 watts per square decameter. All are familiar with the rating of our household electric lights as 25, 50, 100 watt lamps, etc., because they consume electrical energy at the rates indicated by the numbers. Accordingly, the electrical unit, watt, is quite generally understood. In the United States, however, a square decameter is nearly an unknown thing. It is the metric measure of a surface having an area of a little more than 1,000 square feet. This is less than the area of a small ballroom floor; it is just about the area of ground occupied by a small detached eight-room cottage. Consequently, if a beam of sunshine having a cross section of 1 square decameter could be transmitted without losses on its journey through the atmosphere to the little eight-room cottage and there converted into electrical energy the amount would maintain about 2,700 50-watt lamps at full brilliancy. This would mean about 300 lamps to the room, with 300 to spare for the attic and cellar. Now, the best interpretation of the observations of the solar constant seems to allow us to admit that the average day-to-day variation of the sun may possibly be as much as one quarter of 1 per cent. This means that to equal the effect of average high or low solar radiation we should have sometimes to add 7 lamps to the 2,700 already alight in our little cottage, and on some other occasions to turn off 7. Such slight changes in the flood of illumination would plainly be quite inconsequential, and the results could be ascertained only by the most refined measurements. This imperfect analogy will help the nontechnical reader to grasp the quantitative insignificance of the alleged day-to-day fluctuations in solar intensity and the probable success of weather forecasting resting upon such a basis.

Let us see how these thoughts work out when we consider sunshine and the atmosphere as a whole.

Suppose for a moment the whole surface of the earth were a perfect reflector and that the atmosphere were perfectly transparent. All the phenomena which we call weather and now ascribe to the effects of solar radiation would disappear, because the solar energy would simply be totally reflected back into space with no terrestrial effects whatever. Of course such conditions never prevail. As a fact, no matter how transparent the atmosphere may seem to be, some of the incoming radiation is always scattered and intercepted, while on cloudy days greatly varying amounts are caught up. Thus, all the phenomena of weather are caused by the solar heat that is entrapped in the atmosphere either on its way to the earth's surface as incoming radiation, or on its way from that surface as heat transmitted by conduction and convection, or intercepted from outgoing earth radiation or reflection. Obviously, weather can and does vary enormously even if we assume the incoming radiation to be absolutely constant day after day indefinitely. But it is perfectly plain also that if the incoming radiation *independently* changes its intensity there is a new and added cause of weather fluctuation. If, however, these solar changes, not yet proved to occur at all, can not exceed on the average more than one quarter of 1 per cent, how highly fallacious must it be to regard such small fluctuations

as a major cause of weather effects which are actually controlled by the far greater fluctuations in the atmospheric transformation of solar energy. Using again the analogy of our little cottage, we should, in order to imitate the atmospheric effects, have very frequently to turn off as many as 1,000 to 1,500 or more lamps. If, in the meantime, some one should play us the trick of turning off (or on) even 10 more lamps, in representation of the independent possible changes in solar intensity, the effects would be so inconsequential as to be inseparable from the effects due to atmospheric transformation.

It is hoped that the foregoing explanations, couched in nontechnical language, will help the reader to visualize the nature of what is really a very difficult and complex scientific problem. Widespread public interest and expectations have been needlessly aroused in the United States by premature and unfounded representations that new and better methods of forecasting the weather for both short and long times in advance have been discovered, based upon the alleged fluctuations of the solar radiation. One advocate of solar variability states: "There are a vast number of straws all of which point in this direction and combined make up a very stiff bundle of evidence." These straws and all other evidence have been thoroughly examined by the experts of the Weather Bureau, with the conclusion already stated. It is our conviction that a bundle of straws, however stiff it may be, constitutes evidence which can only be regarded as *circumstantial*, and therefore not as a fit foundation upon which to build up a system of weather forecasting.

The bureau highly prizes the unmistakable evidence of general public confidence accorded its extensive system of forecasts of storms, floods, etc., and will in the future, as in the past, insist upon direct scientific evidence as the only legitimate basis for going before the public with a new system of forecasts, especially for months, seasons and years ahead. It is one thing to fabricate what to the public appears to be a highly plausible new scheme of forecasting; it is quite another to be *responsible to the public* for the failure that is certain ultimately to attend any scheme that is not founded upon an absolutely sound scientific basis.

The causes and laws of the sequence of weather conditions are subjects of constant study by experts of the bureau, and many valuable articles have been published. The public, eagerly awaiting the advent of scientific long-range forecasts, may rest assured that the bureau is diligently searching for a sound basis for such forecasts. Our library contains not only the latest and best but practically all of the world's literature on meteorology, and our leaders note and utilize every real advance wherever made in the science. The Weather Bureau is prepared to engage in public long-range forecasting just as soon as an assured scientific basis for such forecasts has been formulated.

PART II

GENERAL SUMMARY OF THE WEATHER CONDITIONS IN
THE UNITED STATES DURING THE YEAR 1924, WITH
CHARTS

LIST OF OBSERVING STATIONS AND CHANGES THEREIN
DURING 1924

SUNSHINE, 1924

DETAILS OF EXCESSIVE PRECIPITATION, 1924

REVIEW OF WEATHER CONDITIONS DURING THE YEAR 1924

By P. C. DAY, Meteorologist and Chief of Division

Some of the outstanding features of the weather during 1924 were the severe cold of January and December; the comparatively cool weather of the late spring and early summer months over the interior and eastern portions of the country, associated in many districts with much wet weather during the early part of the period, greatly delaying planting of corn and other spring crops; severe drought in parts of the middle and west Gulf States from the latter part of June to the end of the year; tornadoes on April 29th and 30th from Arkansas and Louisiana eastward over the Southern States with loss of more than 100 lives and damage to property of approximately \$4,000,000, also on June 28th over northern Ohio with the loss of nearly 100 lives and approximately \$13,000,000 damage to property; the generally light snowfall during the winter in the mountain districts of California and nearby portions of Nevada and Oregon, and the resulting deficiency in the supply of water for irrigation and power purposes during the summer months.

Several storms of the West Indian hurricane type approached the southeastern coasts and three entered the state of Florida, but without material property damage or loss of life, though locally in the West Indian region, particularly over the Lesser Antilles and the western end of Cuba, many lives were lost and much damage to property was sustained.

JANUARY

The opening month of 1924 was featured by sharp cold waves, often with rapid recovery between them. The cold waves were particularly numerous in the Missouri and middle and upper Mississippi Valleys and the upper Lake region. In eastern and south-central districts the mildness of December continued when the month opened, but almost throughout the cotton region the cold wave of January 5 and 6 was severe, the thermometer falling to zero at Atlanta and to 19° at New Orleans, while afterwards the weather was usually colder than normal till near the month's end. In the far West the opening days were decidedly cold, with widespread damage; afterwards it was mainly mild along the Pacific coast, but in the Plateau region, especially the middle part, cold weather prevailed till after the 20th.

The average temperature for the month was below normal over nearly the entire country, the exceptions being the eastern part of Virginia and districts to northward and northeastward, the Florida Peninsula, and small areas along or near the Pacific coast. Over most interior districts the deficiency was marked: Wisconsin and some adjacent areas averaged 7°, or slightly more, colder than the normal, while there was nearly as great a deficiency over much of the middle Rocky Mountain and Plateau regions.

The precipitation during the first half of January was considerable in the extreme Northwest, and there was much from Louisiana northeastward to West Virginia and southern Ohio, and in parts of the Atlantic region. After the middle of the month there was beneficial precipitation in the western half of Washington and the northern two-thirds of California, and during the last three days in western Oregon also. The western half of the country, except as above, had but little precipitation, and likewise Minnesota, Wisconsin and Iowa. Most of the eastern half had liberal precipitation, well distributed. Taking the whole month, precipitation is found greater than normal over most of the Ohio Basin and the Atlantic and Gulf States, especially from Georgia to Louisiana and eastern Texas. The dry conditions prevailing in December in the Florida Peninsula were mainly relieved before the middle of January. In the middle and upper Mississippi Valley and to the westward the precipitation was nearly everywhere scanty, with marked deficiencies over California, the Plateau States, and the southern Rocky Mountain and Plains regions.

Snowfall was scanty to a surprising extent, and it was much less than normal near the Ohio River and the middle Atlantic coast. The middle Plains and the Lake region had mainly more than the January average, while in Illinois and Indiana the fall, though less than normal, exceeded any of the three previous Januarys. In the elevated portions of the West there was usually less than the normal amount of snow stored.

FEBRUARY

The opening days of February were warm for the season, then a cold wave advanced into the central and southeastern portions, and in the latter the temperatures remained below normal till about the middle of the month. In the Northeast the second week of the month was cold, and the third week still colder, but in most other sections mild weather prevailed. From about the 20th onward, while it continued mainly mild in the far West and near the northern border as far eastward as Lake Superior, yet most of the country had temperatures below normal, particularly the districts from New Mexico eastward to the south Atlantic coast.

Over the western Lake region and thence southwestward to the southern Plains and in all sections still farther west the month averaged warmer than normal, notably in Washington, Oregon, and Idaho, where almost every day was warmer than normal and in Montana and the Dakotas, where the excess often reached 10° to 17° per day, with numerous stations finding it the warmest February of their records. In many portions of the country the comparative steadiness of the temperature throughout the month was a feature, and was in decided contrast to the frequent and marked shifting of temperature during January. In the eastern and south-central districts the month averaged colder than normal, with the largest departure in northern portions of New York and New England.

Considering the country as a whole, the month's precipitation was deficient. However, much of Florida and the West Gulf States had more than the normal February amount, likewise many Atlantic coast districts from the Carolinas to Long Island, and some areas from Michigan westward to South Dakota and Nebraska, also portions of the extreme Northwest. There was a marked deficiency over the middle and southern Mountain and Plateau districts, and especially over Arizona and California.

The month's snowfall was usually above the February average from the central Rockies to the Great Lakes, and was considerable from the southern Appalachians northeastward to New England. A very large portion of the country, however, had less snowfall than the average.

MARCH

The average temperatures were below normal over the greater part of the country, the month being particularly cold over the central and southern portions, many districts from the middle and southern Plateau region eastward to the Gulf States finding the month the coldest March of record or very nearly the coldest. Along the northern border, however, from eastern Montana to New England and southward to the Chesapeake Bay region, the month was warmer than normal.

Over the greater part of the country from the Mississippi Valley eastward precipitation was less than is usually received in March, yet was sufficient for most needs. There was a considerable area from Iowa and southern Minnesota southeastward to the upper Ohio Valley and the southern Middle Atlantic States with amounts somewhat greater than normal, the final week of the month being especially wet over this area. Nearly all of northern and central Florida likewise had heavy falls, also northern Mississippi. On the other hand, New England and New York and much of southern Florida had comparatively little precipitation.

In the Plains and Rocky Mountain regions the month's precipitation was mainly above normal, while in northern California and Oregon it was scanty for an early spring month and there was a large deficiency in the State of Washington.

There was a wide distribution of snow during the month, yet few regions where large amounts are likely to occur did receive as much as their average March snowfalls. Some unusual falls were reported. Parts of Alabama and adjacent States, about the 13th and 14th, reported snowfalls unprecedented for March in those districts. Likewise an area centering in western Kansas had monthly totals from 2 to 4 feet, and just before the close of the month considerable occurred from eastern Nebraska and northeastern Kansas to the upper Lakes.

APRIL

The weather conditions were not specially remarkable, but more than half the country had deficient precipitation, and it is probable that slightly more than half the country had mean temperatures a little below normal.

Unseasonably cold weather prevailed as the month opened in most central and eastern districts, but as far eastward as the central valleys and the Lake region mild weather soon succeeded.

The month averaged within 3° of normal in nearly every part of the country. California and Oregon were mostly warmer than normal, especially the interior portions, and the central

valleys and the Great Plains averaged somewhat warmer than normal in nearly every part. Practically everywhere near the northern border, and in the Atlantic and Gulf States, save the Florida Peninsula, there was a slight deficiency, and the Rocky Mountain Region and most of the Plateau averaged cooler than normal.

The month was notably drier than normal from central California northward, and from Illinois westward and northwestward to the Black Hills region, likewise in portions of Louisiana and the coast districts of Texas. There was a considerable excess of precipitation over the upper Ohio Valley and almost everywhere to eastward and northeastward, in large portions of the southern Appalachians and the South Atlantic States, in parts of Arkansas and Oklahoma, and from Lake Michigan northwestward to central North Dakota. In the remaining portions of the country there was usually a small deficiency.

During the first 10 days there were two snowstorms, unusually heavy for the time of occurrence, in portions of the Northeast. A few other districts had considerable snowfalls later in the month, but the elevated portions of the far West received little new snow, except some parts of the Rocky Mountain area. In the California mountains there was rapid melting of the small amount that remained from the earlier falls.

A notable group of tornadoes occurred on the 29th and 30th, extending from Oklahoma and Louisiana eastward to near the Atlantic coast, with loss of 115 lives and estimated property damage of more than \$4,000,000.

MAY

Marked contrasts in the weather conditions over different parts of the country persisted practically all the month. Nearly all the time it was unseasonably cool to eastward of the Rocky Mountain Divide, and to westward of it unseasonably hot; most western and central districts suffered from scanty precipitation, while some districts, chiefly east of the Mississippi River, received far too much rain.

The average temperatures were below normal over almost all portions from the Rocky Mountains eastward, with greatest deficiencies over the Ohio and middle and upper Mississippi Valleys. From Virginia to Florida the coast districts were close to normal. West of the Continental Divide the average temperatures were above normal, particularly in Nevada and interior California, and in Oregon and Washington east of the Cascades, where many stations found it the hottest May on record.

The rainfall of the eastern half of the country was mostly well distributed, in point of time, but there were heavy rains during the first fortnight from Pennsylvania and New Jersey southward to eastern North Carolina and westward over the eastern part of the Ohio River basin. In central and eastern Texas there were considerable rains after the middle of the month, while Colorado and central and southern Wyoming had much precipitation during the last few days of the month.

The districts just named had more than their normal rainfall of May, and the amounts were especially large in Virginia, Maryland, and the eastern part of West Virginia, resulting in serious floods about the middle of the month.

JUNE

In the southeastern and south-central portions, and usually in the Southwest and California, temperatures were above normal week after week, the steady heat being a feature along the Gulf and the lower south Atlantic coasts and in interior Texas, but there was some especially hot weather about the middle of the month in northern and western Texas and the States adjoining.

June, as a whole, was warmer than normal in the southern and most western portions, and had especially large departures from interior Texas west to southeastern California. However, along the coast of Washington and Oregon the month was a trifle cooler than normal. From Montana and Wyoming eastward and southeastward to the New England and middle Atlantic coasts the month was cooler than normal, with the greatest deficiency, averaging about 4°, from Montana to Wisconsin.

To eastward of the Rocky Mountain States there was mainly sufficient precipitation, though in a number of central and southern districts great differences in amounts occurred within short distances. New England had much less rain than normal, but owing to low temperatures there was little need for more moisture there. Much of Mississippi, Tennessee, and central Kentucky had a deficiency, but here the May rainfall had usually been plentiful. More serious was the shortage over most of Louisiana, and southern Arkansas, nearly all of northern, central and western Texas, part of Oklahoma, and most of Kansas.

Considerably more rain than normal occurred over southern Pennsylvania and much of Maryland, over southern Alabama, and especially from Ohio westward to Iowa, Missouri, and

the eastern portions of Nebraska and South Dakota. For Iowa the average, 8.10 inches, was the greatest amount for June in the period of 35 years, during which the state-wide averages have been computed.

In the Rocky Mountain States and to westward, save in Montana, the rainfall was but a small part of the normal, and the scarcity of moisture was almost universally felt, especially in Utah, Nevada, and the southern parts of Idaho and Oregon. In California the June rainfall is not expected to be of any moment, but the serious shortage of water was greatly felt as to irrigation, power uses, and household supplies. In most far Western States forest fires were numerous and severe.

On the afternoon of June 28 a very destructive tornado visited portions of northern Ohio, being particularly severe in the vicinity of Lorain where heavy loss of life and immense damage to property resulted. The total number of lives lost over the entire course of the storm was 85, and estimated damage to property was over \$12,000,000, most of both losses occurring in the city of Lorain.

JULY

July continued some of the unfavorable weather features that had marked the months before it; in the far West, where there had been such a shortage of rain in preceding months, July brought less rain than normal, while in the central and northeastern portions, where cool weather since early spring had held back crop development, the July temperatures were usually a little lower than expected, so that backwardness of crops continued.

The month averaged slightly warmer than normal from western Wyoming and northern Utah westward and northwestward, also in the middle Gulf region and a few other districts; but otherwise it was cooler than normal, and it averaged from 2° to 4° cooler from New York to North Carolina and thence westward to the middle and northern Plains.

Among the decidedly rainy periods that affected certain parts of the country may be mentioned the first week from Florida northward to Pennsylvania, and the middle decade with the first days of the final decade over most portions of the Missouri and upper Mississippi Valleys. Over New Mexico and the adjacent districts the rains were chiefly during the second and fourth weeks.

In about five-sixths of the States the rainfall averaged less than normal. There was less than normal in Colorado and almost everywhere to westward and northwestward, and practically throughout California and western and south-central Arizona. There was a deficiency from northwestern Georgia and southwestern Alabama westward to include southern Oklahoma and nearly all of Texas; a number of stations in Louisiana and Texas had no rain whatever, and in Louisiana it was considerably and in Mississippi and Texas slightly the driest July of record. The Dakotas had less than normal rainfall, also Indiana and parts of States adjoining, and a strip from central Virginia to southern New England.

On the other hand, much more rain than normal occurred in Florida and in the eastern portions of the Carolinas, and rather more than normal from north-central Oklahoma to the northern border of Nebraska and in most of Missouri, also in most counties of New Mexico, save the northwestern, and in several nearby counties of Arizona and the northwestern part of Texas.

AUGUST

As a whole, the month was warmer than normal over much more than half the country, but, in regard to rainfall, August continued the irregular distribution and the tendency to be less than normal which had marked July.

To eastward of the Rocky Mountain States there was steady heat over most southern districts, and from Ohio and the Virginias northeastward some of the hottest weather in recent years came about the 5th to 9th. From the 20th to the close of the month the weather was almost wholly warmer than normal, especially in the Ohio and lower Missouri Valleys, and during the final week in the northeasternmost districts.

August, as a whole, was cooler than normal, but by only a small amount, over most parts of the Pacific States, Nevada, Idaho, Montana, and North Dakota, and practically throughout the upper Mississippi Valley and the Lake region. Nearly everywhere else the month averaged warmer than normal, notably in Texas and Oklahoma, and thence eastward to South Carolina.

In the north-central portions and many Atlantic States the August rainfall was liberal; and in the North Pacific States it slightly exceeded the monthly normals, most of it occurring soon after the middle of the month, but it should be noted that the summer normals here are small, while this August came in with an urgent need of much moisture. The month brought eastern Kansas and southern Missouri considerably more rain than normal. However, the area of very marked excess included Wisconsin, northern Illinois, southern Minnesota, most of Iowa, and

upper Michigan with the western part of the lower peninsula. Most of West Virginia and eastern Kentucky had a moderate excess of rainfall, likewise many districts along or near the Atlantic coast from the vicinity of Hatteras northeastward.

Practically all the rest of the country had less rain than normal, and nearly all the cotton region less than two-thirds of normal; the shortage was marked in Mississippi, Louisiana, and eastern and southern Texas. Likewise the middle Rocky Mountain region and about all the Plateau region, save the northern half of Idaho, received less than half of their normal August supply.

SEPTEMBER

Hot weather prevailed over most of the country as the month opened, but cool weather had already reached the northern Plateau and Rocky Mountain areas, and this soon spread southward, and the first 10 days were mostly quite cool over the eastern half. However, high temperatures were the rule over the western half till about the 10th, or even till the middle of the month over most portions west of the Continental Divide. Cool weather continued to prevail over most of the eastern half, except that the latter part of the middle decade and the opening days of the final decade were about as warm as normal, or a little warmer, in most of the East save close to the Atlantic coast. At this time the western half was experiencing a turn to cooler, the stretch from the Pacific Northwest to the middle Plains having unseasonably low temperatures. The last week of September was cool almost everywhere, except in the extreme Southwest, where it was moderately warm.

The month averaged cooler than normal about everywhere east of the Divide, and westward to central Utah and southeastern Idaho; and in the central valleys and southern Lake region it averaged about 5° cooler than normal, being among the coolest Septembers of record. In much of the far West and in a few scattered small areas east of the Divide, the month averaged a trifle warmer than normal.

The monthly precipitation was usually about three times the normal in Georgia and the Carolinas, and was above normal practically everywhere east of the 85th meridian, also in portions of the upper Mississippi Valley, eastern Kansas and adjacent areas, western Nebraska, southeastern Wyoming, many parts of Texas, and much of northern Arizona and western Washington.

Scanty precipitation was the rule in the middle Gulf region, where the summer months preceding had been unusually dry. Likewise there was comparatively little in eastern Montana, in the central and western portions of Kansas and Oklahoma, over the Texas Panhandle, and throughout New Mexico. Generally between the Divide and the Cascade-Sierra line there was but about half the normal, or even less, and in California there was less than the small normal quantity for September.

OCTOBER

October was notable for the small temperature variations, particularly from the Mississippi Valley eastward, where practically no daily change as great as 20° was observed until the last day of the month.

The whole month averaged cooler than normal over the Southeast and the far Southwest, but elsewhere warmer, especially from the Dakotas to the upper Lakes.

October was unusually dry over practically all the eastern half of the country, save the Florida Peninsula. Much of the territory from the eastern Great Plains to the Atlantic coast had less than 1 inch of precipitation, while a wide area from central Texas northeastward to the Ohio Valley, Great Lakes region, and Northeastern States had less than one-half inch, and many localities in this area had none or not more than a trace. Over much of this area it was the driest October for the entire periods of record, ranging up to 100 years or more in portions of New England and to 50 years or more locally in the Great Lakes region and southward over the Ohio Valley to the west Gulf States.

In portions of the lower Mississippi Valley and eastern Texas there was practically no rain, and as several months preceding had been the driest, or among the driest of record, the drought conditions at the end of the month were locally the severest of record. Conditions only slightly improved prevailed in many portions of the Ohio Valley, Lake region, and North Atlantic States, though here the precipitation of preceding months had been more generous, so that usually the water supply was sufficient for current needs. The month was unusually favorable for forest fires in the East and these prevailed to a considerable extent over the larger forested areas.

Over the districts from the Dakotas, western Nebraska, and Colorado to the Pacific coast, precipitation was well distributed through the month and in sufficient quantity to meet present needs. In fact, at points near the coast from northern California to Washington the month

was decidedly wet, some localities having the greatest precipitation ever known in October, effectually ending one of the severest droughts ever known in that region. In California particularly, where drought had persisted for so many months, the water shortage was greatly relieved and the forest-fire hazard, which had become so acute, was terminated for the season.

NOVEMBER

The month averaged a trifle cooler than normal in southern Florida and a few other districts in the eastern half and in the far Northwest. Otherwise the month was warmer than normal, notably in the west Gulf States and the middle and southern Plains.

During the first 10 days there was important precipitation in the Pacific and the middle and northern Plateau States, with large amounts from northwestern California northward; also a few of the central and eastern districts had some, especially the southern Plains, western Tennessee, and central Michigan. The middle portion of the month brought helpful rains to the central valleys and about all parts of the Ohio Valley, and to a few eastern and north-central areas, but severe drought was continuing in most of the Gulf and South Atlantic States. During the final fortnight there was again important precipitation in the far Northwest, and much of the eastern half had rain or snow, moderate to locally heavy amounts being received in Tennessee and South Carolina and to northeastward.

The month brought close to the normal November precipitation in most of Wyoming and Montana and the States westward to the north Pacific coast. The falls were moderately large and helpful, though nearly everywhere deficient, in a strip from Oklahoma and Arkansas eastward and northeastward to the middle and north Atlantic coast, and in much of the upper Lake region. Elsewhere there was a marked shortage, which was particularly serious from Georgia and northern Florida to Texas and New Mexico.

There was moderate snowfall for the season in the Great Lakes area, parts of the Ohio Valley, and to northeastward. In the elevated portions of the West the snowfall was about normal to northward of the 40th parallel of latitude, but to southward usually lighter than normal.

DECEMBER

Unlike October and November, both marked by warmth and dryness, December was predominantly cold, with ample precipitation. A cold wave of great strength reached northern Montana on the 15th and intense cold soon extended over most of the country, though the Atlantic and south-central areas were warm till about the 20th and central and southern Florida till after the month ended. The cold weather was especially felt over middle and northern districts from Nevada and eastern Oregon to the eastern limits of the Ohio and lake basins. In Nevada, Oregon, and Wyoming new low-temperature marks for those States were set, and in some other Western States new December low marks.

The month averaged about 3° warmer than normal in Florida and Georgia and a trifle above normal in the Middle and East Gulf States and the Carolinas and northward to Delaware Bay. Otherwise the month averaged colder than normal, and it averaged from 5° to over 10° colder over the northwestern lake region, the upper Mississippi Valley and almost throughout the western half of the country, save in those States which border on Mexico.

During the first 10 days there was precipitation of great importance and benefit over large areas, notably the Pacific and plateau States and most central and southern districts between the one hundredth and eightieth meridians. During the third week there was considerable precipitation, much of it snow, in the plateau States, California, and the middle Rocky Mountain region, also from eastern Oklahoma northeastward to the lower lake region. Late in the month there was widespread, liberal precipitation in the far Northwest and thence southward to central California and eastward to Montana, also in most south-central and eastern portions of the country.

Some unusually damaging ice storms occurred, the most notable being that of the 17th to 19th from central Oklahoma and eastern Kansas northeastward over portions of Missouri, Illinois, and northern Indiana to southern Michigan. Over much of Missouri and portions of Illinois it was the most damaging storm of that character ever known.

In a few Northeastern States the month's precipitation was only about half to three-fourths of the normal, but otherwise about every State had at least close to the normal amount, and a large majority of them more. The totals were especially large over the Southeast, save the Florida Peninsula, in the central valleys and middle plains, and in Utah and considerable parts of the States adjoining it.

Snow fell over an unusually large part of the country, especially in Texas and interior California where the falls reached to the southern limits of those States. In the Rocky Mountain

and middle plateau regions comparatively large falls occurred in most elevated portions and usually at the lower levels also, and portions of the middle plains had more than ever before recorded in December. On the other hand, snowfall was light for the regions over the southern drainage of the Ohio and thence northeastward to New England.

TORNADOES, 1924

The tornadoes of 1924 are individually described in the paragraphs following, the sections, almost always equivalent to States, being taken up in alphabetical order, then the tornadoes within the State limits in chronological sequence. The Monthly Weather Review printed accounts of some of them among "Contributions" or "Notes," while nearly all were mentioned in the Review's table, "Severe local storms"; but the information as to a few came too late for such mention, while in other cases additional information has led to revision of the classification of the storm which the table indicated.

During 1924 there were more tornadoes than usual, 130 being counted, as compared with 100 during 1923 and 121 during 1917, the largest total among recent years before. April brought the largest number, but every month had at least one. The numbers by months were: January, 1; February, 4; March, 13; April, 28; May, 18; June, 24; July, 14; August, 9; September, 10; October, 1; November, 3; December, 5. There were 18 on April 30, a score not equaled by any other day of the year.

There was a marked tendency of tornadoes to occur in groups and a notable group occurred near the end of each of four consecutive months, March, April, May, and June.

The March group covered fully 22 hours, from 2 p. m. the 28th to 12:30 p. m. the 29th (both ninetieth meridian time); the 12 storms struck from northwestern Texas to northwestern Ohio, and there were 17 deaths and \$1,131,800 damage to property.

The April group covered over 36 hours, from 4 a. m. (ninetieth meridian time) of the 29th to 5:30 p. m. (seventy-fifth meridian time) of the 30th; the 22 storms caused losses of 115 lives and \$4,372,300 property, from north-central Oklahoma to southeastern Virginia.

The May group was more confined in both time and space, being comprised within about 17 hours, from near sunset of the 26th in Mississippi to early afternoon of the 27th in the eastern portions of the Carolinas; the 11 tornadoes resulted in losses of 43 lives and \$1,087,500 of property.

The June group included only 4 tornadoes in northern Ohio and adjacent northwestern Pennsylvania, embraced within 3 hours on the afternoon and early evening of the 28th, the deaths numbering 96 and the property losses aggregating \$13,050,000. Vast damage from winds seemingly not tornadoes occurred that day near the tornado paths and for many miles southward, and especially for hundreds of miles to westward to the vicinity of Omaha, Nebr.

Geographically there was more even distribution of tornadoes than in the average year, but some portions of the country, as the entire Ohio Valley, had fewer than usual. West of the Continental Divide no tornado occurred save one small storm in eastern Washington. Thus six States wholly west of the Divide reported no 1924 tornadoes, also two of the four which straddle the Divide; while east of the Mississippi River Michigan, Kentucky, West Virginia, Florida, Maine, and seven of the States of small area between Maine and the Potomac River; that is, 20 States reported no tornadoes in 1924 and 28 reported one or more. Of these 28 States Kansas counted most, 16, while Alabama and Georgia had each more than 10. Neither the distribution by months nor the distribution by States for a single year should be taken as the average situation, as experience shows there is decided variation in occurrence from year to year.

The loss of human lives because of the 1924 tornadoes was 376, far exceeding 109 in 1923, but not equal to the 498, 508, and 520 in the years 1920, 1917, and 1896, respectively. Ohio had most deaths among the States, 91, while South Carolina alone closely approached that figure, reporting 78. There were 57 tornadoes in 22 different States that had fatal consequences, a number greater than in any other recent year, though 1917 reported 54. The largest death toll of one tornado was 85 in Ohio from the chief tornado of June 28. The tornadoes of January, October, and November took no lives; but April took 124 and June 110.

The property losses that were reported are probably considerably less than the true losses, for it is seldom feasible to secure estimates for all parts of a long track, and occasionally no estimate whatever can be had. The sum of the amounts reported is \$26,120,850, a far larger figure than the largest previous figure for one year (\$15,205,000, in 1920), yet possibly representing no greater actual amount of property than the \$14,448,000 of 1896. Ohio, with \$12,555,000 had almost half of the 1924 total, South Carolina, though next, having less than one-fourth as much.

Chart 5, as in preceding years, shows the tracks of those storms counted as tornadoes, the direction of advance being indicated by the arrowhead. When the reports secured did

not indicate the direction, that which seemed most probable under the weather conditions prevailing at the time has been marked. In every case the arrow is necessarily far broader than the actual width of the path of damage, drawn to scale; also in most cases it has to be made too long for the true length of path, in order that it may be distinguishable. There are not quite 130 arrows on the chart, as instances occurred of two or more tornadoes on the same day very close together and following parallel paths; these, as the text mentions, are indicated by a single arrow.

Alabama.—There were apparently 13 tornadoes in the State during 1924, a number which only Kansas, among the other States, exceeded.

On January 10 or 11 three places, lying on a line from near the center of the State to Calhoun County, 80 miles northeastward, also Rome, Ga., farther northeast on this line, had destructive winds, the violence seemingly brief and confined to narrow limits. As it is thought these winds were not of tornadic character, the two deaths and the property losses are accounted for in the table of "Losses from windstorms other than tornadoes," on a later page.

On February 4 a tornado occurred in southeastern Alabama in the forenoon and there were two others in northern Alabama in the afternoon; between the times there was a tornado in southern Indiana and during the preceding night a violent local wind, probably not a tornado, visited a place in Arkansas. The earlier tornado was noted about 9 a. m. at Jack, in northern Coffee County, whence it moved northeastward about 10 miles to Tarentum, in the southeastern part of Pike County. Some buildings were destroyed, but the damage was apparently small, and no person was even hurt. About 150 miles to the north-northwest, Wyatt, in the southern part of Walker County, was visited by a tornado at 5 p. m.; this storm likewise moved northeastward, with track half a mile wide; several houses were blown away or somewhat damaged, but there were no fatalities or serious injuries. The third tornado of the day in Alabama was nearly 30 miles to southeast of Wyatt, striking the Rocky Ridge settlement, in southern Jefferson County, soon after 5 p. m. This storm advanced to northeast, but its path was about a third of a mile in width; three deaths resulted from this tornado and damage of \$25,000.

During the notable tornado period at the end of April many localities in south-central, east-central, and southeastern Alabama were visited, between 2:45 and 7 a. m. of the 30th, and it is thought there were five distinct tornadoes, of which all but the earliest caused deaths.

In the middle of this April tornado period there had been unusual intervals of time and distance, about 8 hours and almost 400 miles, without any tornado activity, after the storm at Many, La., when Autaugaville, Autauga County, Ala., was visited at 2:45 a. m., April 30; the tornado here moved eastward, two persons were somewhat hurt, and there was damage of \$30,000. The second, third, fourth, and fifth tornadoes of that early morning moved to northeastward. The places, hours, and results were as follows: Second, northern edge of Chambers County, between Welsh and Roanoke, 4:30 a. m., one death and property loss of \$25,000; third, from Greenville, Butler County, 4:50 a. m., across northern Crenshaw and southern Montgomery Counties, in both of which there was little or no damage reported, to near Thompson, in northern Bullock County, and on to Hannon, in southeastern Macon County, at 6:30 a. m., with eight lives and property values of \$60,000 lost; fourth in Lee County, near Auburn and Opelika, about 5 a. m., and probably the same storm that was noted later in western Georgia, with four deaths and \$10,000 loss in Alabama; fifth, in Pike and Barbour Counties, between 6 and 7 a. m., one life and \$65,000 worth of property lost. This fifth storm traveled 17 miles, but the speed can not be closely estimated from facts now known; but the third storm, with a 73-mile path, is computed to have advanced about 43 miles per hour. The second tornado might possibly be reckoned a reappearance of the first, but it seems more reasonable to consider them distinct.

During the tornado period late in May, Alabama again suffered greatly, there being apparently four distinct tornadoes within the borders. At 11:45 p. m., May 26, a house east of Elkmont, Limestone County, very close to the northern boundary of the State, was destroyed and eight occupants lost their lives. The damage, amounting to \$5,000, was confined to a very small space, and it is thought this storm was not the same as any other of those reported that night. Of five tornadoes which were noted the night of May 26-27 in the easternmost counties of Mississippi, only the two northernmost seem to have crossed the boundary into Alabama. A tornado noted near the line between Lee and Itawamba Counties, Miss., is thought to have been the same as that which struck a house 20 miles eastward, in the western part of Marion County, Alabama, where a woman was killed and there was damage of \$2,500, making three deaths from the single storm. Fully 50 miles to southward of this neighborhood, a tornado struck near Lathrop, in northern Pickens County, at an early hour on the 27th, causing one death and about \$10,000 property loss. It was probably this tornado in an earlier part of its course which caused one fatality in Noxubee County, Miss.; also it is probable the disasters in a mining village near Empire, eastern part of Walker County, and at White Sulphur Springs, 6 miles south of Gadsden, Etowah County, should be counted the work of the same tornado. These places are prac-

tically in line, the Latorop-Empire interval and the Empire-White Sulphur Springs interval being each about 60 miles. Near Empire the hour was 2:15 a. m., the loss of life was 11 and of property \$20,000, and several were hurt; at White Sulphur Springs the time was probably not far from 4:30, and while no deaths resulted there were many injured and considerable property was damaged. If the visits from Noxubee County, Miss., to White Sulphur Springs are counted as the work of one storm, the advance was 160 miles, in direction to east-northeast, with speed in the latter portion probably a little less than 30 miles per hour, the path being a quarter-mile wide at one point. The deaths were 13, 12 of them in Alabama, and the reported losses, all in Alabama, were \$30,000. Many miles to the southward there was a tornado in the eastern part of Dallas County, covering at least 9 miles from the Kenan place to Burnsville, reaching the latter at 3:40 a. m., May 27. The damage was \$5,000, and there were two killed. This Burnsville tornado is thought distinct from the long-path tornado in Mississippi which came eastward to Brewer, a few miles west of the Alabama boundary, at 1:15 a. m.; the direction and speed would have brought it very close to Burnsville at 3:40, yet the interval without report of any storm is almost exactly 100 miles.

About 11 a. m., September 1, a small waterspout was noted for perhaps 10 minutes on the Black Warrior River, Jefferson County, not far from Birmingham. It moved northward, upstream, and the diameter was estimated as 10 feet. Since it was not seen to reach the banks this is not counted a tornado; indeed, a whirl of no greater energy over land would almost certainly not be considered a tornado.

On December 7 there was a tornado in Arkansas, and there were probably two in Tennessee. About 8 p. m. there was a short tornado in Alabama, at Bon Air, Talladega County, which is a little distance northeast of the center of the State; this advanced northeastward probably about quarter of a mile, and the width of the area of damage was probably about 50 yards; none were injured, but there was property loss of \$30,000, chiefly to mill buildings.

Alaska.—No tornadoes reported.

Arizona.—No tornadoes reported.

Arkansas.—A violent windstorm caused much damage at Wooster, Faulkner County, on the night of February 3-4. Though there were three tornadoes in Alabama on February 4 and one in southern Indiana, yet the probability is that the Wooster storm was not a tornado, so the damage is indicated in the table on a later page.

At the time of the great group of tornadoes in March there was vast wind damage in Arkansas; but apparently no tornado then visited the State, though tornadoes were felt in the adjoining States of Oklahoma and Missouri. The April group, however, includes one Arkansas tornado, which was felt in the northern outskirts of Texarkana, Miller County, in the southwesternmost part of the State; this moved nearly half a mile northeastward, with path about 100 yards wide, resulting in one death and property loss of \$25,000. The time was 2:30 p. m. on the 29th, fully 10 hours later than and nearly 300 miles southeastward of an Oklahoma tornado; but the Louisiana tornadoes later in the day were much closer to the Arkansas storm in both time and distance.

On May 28, there was a tornado in northwestern Arkansas, Washington County, about 6:30 p. m.; this probably moved several miles in all, but the greatest damage was at Farmington. This tornado caused one death and much damage, probably about \$25,000, much other damage occurring in the same county that evening by hail and lightning. There were apparently two tornadoes in eastern Oklahoma about the same hour, but it is practically sure neither was the Washington County tornado; the one in Sequoyah County, Okla., caused deaths and damage but a few miles west of Fort Smith, Ark., but the tornado track seemingly ended west of the State boundary.

On September 19 four well-separated places in Arkansas reported violent winds; of these the southernmost seems to have had a small tornado. This was Hot Springs, Garland County, where the storm came soon after 3 p. m. and moved northeastward with narrow track, causing damage of \$100,000 or more, though no person was even seriously injured. In southeastern Missouri there was a tornado about three hours later.

On the afternoon of December 7 there was a tornado in the northeast part of Woodruff County, moving to northeastward, the track was fully a mile and a half long and 150 yards wide, and it caused three deaths. Several houses and barns were destroyed and much timber, but no estimate of the loss was secured.

California.—No tornadoes reported.

Colorado.—On August 16, at 2:45 p. m., a tornado crossed a farm a few miles northeast of Thurman, in the southern part of Washington County, in the northeastern part of the State. At the house many persons had gathered, and in its wreck 10 were killed; there was damage to other buildings and to crops, livestock, and automobiles, amounting to about \$6,000. The path of the tornado is reported to have been 200 yards wide, and it advanced in an eastward

direction. It is rumored that several other funnel-shaped tornado clouds were seen in that vicinity just before the disaster, but only one arrow is charted and only one tornado is counted.

Florida.—No tornadoes reported.

Georgia.—There were apparently 11 tornadoes in Georgia during the year, a number exceeded by Kansas and Alabama. On April 14, Camilla, Mitchell County, in southwestern Georgia, had a violent storm at 9 p. m., resulting in injury of two persons and property loss of \$3,000. While this storm is reckoned a tornado, yet the width of path, 5 miles, when the small damage is considered, makes this classification doubtful.

All but one of the other tornadoes of the year came on April 30, when there seem to have been 9, or possibly 10, or almost as many as all other States combined reported of the great April group. When the hours and the places of occurrence are considered, there appears considerable departure from such orderly sequence from northwest to southeast as is usually found on days with numerous tornadoes. In northern Georgia, Reynolds, Floyd County, was visited at 8:30 a. m., the damage being \$30,000, and many persons being hurt. (The time was probably 90th meridian; but for places named later is presumed to be 75th unless otherwise specified.) Well to eastward a tornado moved from Brookton, Hall County, 9 a. m., to Cornelia, Habersham County, 9:35 a. m., 15 miles, causing \$51,000 damage.

Somewhat to southward and southeastward of Brookton and Cornelia tornado damage had occurred much earlier in the morning. It was probably one tornado which caused one death and \$200,000 damage at Lawrenceville, Gwinnett County, 6 a. m., and \$2,000 damage at Royston, Franklin County, 55 miles to northeastward, about 7 a. m., and then crossed into South Carolina to reach Anderson at 8 a. m.; the Lawrenceville disaster seems to have been the earliest tornado work in Georgia that day. Well to southeastward of Royston, about where a division line between northern and middle Georgia would be drawn, Ficklin, Wilkes County, was struck by a tornado at 9:30 a. m., one death and \$25,000 damage resulting.

In middle Georgia, while the property losses were only about the same as in northern Georgia yet the losses of life were much greater. Chipley, in the northern part of Harris County, reports the disaster as coming at 8:30 a. m. (90th), with 10 killed and damage of \$40,000; but Warm Springs, Meriwether County, only 9 miles to east-northeastward, reports the visit as 6:15 a. m. (90th), with one fatality and loss of \$6,300. If the hour at Chipley is correct, then the tornado there should be counted distinct from any storm reported at another place; but the place lies between the localities in Lee County, Ala., visited at 5 a. m., and Warm Springs, and it seems probable that all these were the work of one storm, with path about 50 miles long, and with 15 deaths and \$56,300 damage in all.

A considerable distance to eastward of Warm Springs, a tornado went through the southern outskirts of Macon at 9:30 a. m., resulting in three deaths and loss of \$200,000. Much farther to eastward, Sylvania, Screven County, almost on the South Carolina border, was struck at 12:45 p. m., but the damage amounted to but \$1,000.

In southern Georgia that day two places had tornado damage, and it seems better to count the visits as two distinct tornadoes. Albany, Dougherty County, was visited at 7 a. m. (90th), with damage of only \$1,000; but Fitzgerald, Ben Hill County, fully 50 miles to eastward of Albany, was struck at 10 a. m., and three persons were hurt, while there was damage of \$50,000.

The tornado losses of Georgia that day aggregate 16 lives and property values of \$606,300. There was some wind damage well outside the tornado tracks, notably at Butler, Taylor County, southeast of Warm Springs and southwest of Macon.

The tornadoes of April 30 in Georgia seem to have advanced to east-northeastward, as a rule, but more nearly to northeastward in the northern portion and to eastward in the southern. There is not much information available as to the length or width of the paths, but the Macon storm left a track from 15 to 300 yards wide.

On May 24, near Washington, Wilkes County, there was a destructive windstorm, but this seems not to have been a tornado. This county is in northeastern Georgia.

On September 14 to 16, as a vigorous storm center moved northeastward over southern Georgia, widespread wind damage occurred. At one place there was apparently a true tornado, Browntown, in the southeastern part of Wayne County, not far from the southeastern corner of the State, being visited about 10 a. m., September 16. Nearly every building in the small community was wrecked, the damage being estimated at \$5,000, and one child was killed.

Hawaii.—No tornadoes reported.

Idaho.—No tornadoes reported.

Illinois.—There were probably but three tornadoes during 1924, all short and unimportant. During the period late in March when tornadoes and windstorms were widespread, there was a short tornado in Alton, Madison County, on the Mississippi River just above St. Louis. The time was March 28, 9:45 p. m.; the storm moved a mile and a half northeastward, with path about half a block wide, causing damage only at intervals. One person was hurt and the loss

aggregated about \$80,000. In the southernmost portion of the State there was great damage by wind that night, but there seems to have been no tornado thereabouts except on the west side of the Mississippi River, in the State of Missouri.

On June 5, apparently late in the afternoon, Piatt County, in the east-central portion, was visited by a tornado which started east of Milmine and moved 6 miles northeastward to beyond Bement, the track being from 250 to 400 feet wide. The property loss was \$5,000. In Peoria and vicinity, about 3:30 a. m., June 28, there was great wind damage, but probably there was no real tornado involved.

On November 11, the day two tornadoes occurred in southern Missouri, the nearer about 170 miles to south-southwestward, the northwestern portion of Macoupin County, Ill., had a tornado, which advanced northeastward a short distance, with path 100 yards wide. One person suffered injury, while the loss was \$1,500.

Indiana.—Near the southwest corner of Indiana a tornado moved northward east of Haubstadt, in the southern part of Gibson County, about 3:30 p. m., February 4, a day when Alabama had three tornadoes. The track was about 200 yards wide and over 3 miles long; but it is possible that damage at Howell, 15 miles to southward and close to the Ohio River, represents an earlier appearance of this storm, which probably skipped over the land intervening. The damage near Haubstadt was \$33,000.

In northeastern Indiana is Adams County, on the Ohio boundary; in the southern part of this county, near Berne, a tornado cloud was seen in the air April 22. It was not seen to reach the ground and no damage was heard of, and it is not counted or charted as a tornado.

Somewhat southeast of the center of the State, from Bartholomew County northeastward to Wayne, there was vast wind damage on the morning of June 8, but apparently no real tornado occurred, so the losses appear in the table on a later page. On July 30, in the afternoon, there was an unimportant tornado near Acton, in the southeastern part of Marion County, not far from the center of the State; but the damage was very slight.

Iowa.—Early on June 28 there was widespread wind damage in Iowa, and at Alta, Buena Vista County, in the northwestern part of the State, also at Des Moines, there were some indications of tornado action in certain spots. The evidence is considered insufficient, however, and all wind damage that day in the State is covered in the table of windstorms not tornadoes.

Three days later, about 11 a. m. to 1 p. m., July 1, at and near Marshalltown, Marshall County, near the center of the State, a tornado moved 10 miles northeastward, but there was apparently little damage.

About 5 a. m., August 8, when there was again widespread havoc by wind, a tornado seems to have crossed Polk County, north of the city of Des Moines, moving 30 miles a little to southward of due east, from Granger, Dallas County, to Colfax, Jasper County. Only at scattered spots was tornado work plainly evidenced, but it amounted to many thousand dollars, and one death resulted. On August 22 there was probably a small tornado in the southwestern part of Kossuth County, which is in the northwestern portion of Iowa; this covered a narrow path over 3 miles long, and two people were hurt while crops and shocked grain were damaged, also several outbuildings, the total loss being \$7,500; the direction was east-northeast and the time 6:30 p. m.

On the afternoon of September 11 there were two tornadoes in the south-central part of the State, in the adjoining counties of Lucas and Warren. At Lucas, in the former, the time was 5 p. m., and the storm advanced 2 miles northeastward, causing damage of \$3,000. About 25 miles to northward and half an hour later, Indianola and Hartford, in Warren County, were visited by the other storm, which traveled 12 miles to northeastward, resulting in property loss of \$2,500. Neither storm caused any personal injuries, so far as reported.

On October 30, probably late in the evening, a tornado advanced 10 miles northeastward in Black Hawk County, which is northeast of the center of Iowa. The path was 100 yards wide, and went near the center of Waterloo, one of the chief cities of the State; so it seems notable that no person was even reported hurt and that damage was but \$75,000.

Kansas.—There were seemingly 16 tornadoes during 1924; so that, as in 1923, the State is reckoned to have surpassed every other in the number of tornadoes. On the evening of March 3, a windstorm, probably a tornado, was noted in Nemaha, one of the most northeastern counties, moving northeastward perhaps a dozen miles, destroying or damaging buildings and wire lines, though no person was hurt.

The great March group includes probably five tornadoes in Kansas, all on March 28. The earliest was in the south-central portion, Harper County, from southwest of Crisfield to near Attica, an advance northeastward of 10 miles, with path 125 yards wide, about 2:30 p. m. The loss was \$8,000, but, as with every tornado in Kansas that day, there were no fatalities. About 100 miles distant, a trifle north of east from Attica, a tornado formed near Moline, Elk County, at 4:30, and moved 7 miles northeastward, with very narrow path (40 feet), causing \$800 damage.

Over 150 miles north-northeastward, in eastern Brown County, or perhaps northwestern Doniphan, another unimportant tornado occurred about 5 p. m., moving northeastward about a mile, with small harm; but the tornado in Holt County, Mo., about 8 miles northeastward, was probably this same storm coming down to earth again. About 90 miles to southward, in Franklin County, east of Pomona, a tornado appeared about 5:30 and moved several miles northeastward, doing considerable damage. A little northeast of Elk County, what was possibly a reappearance of the Moline tornado, but more likely a distinct one, occurred at an evening hour not precisely reported, affecting the northwestern and northern parts of Wilson County and the central part of Woodson, indicating an advance nearly northward of about 15 miles, the damage being reported no more definitely than "several thousand dollars." Elsewhere in Kansas there was great wind damage that day, notably in Butler County, but tornadoes are not indicated other than at the points already named.

About 5 p. m., June 7, three localities in southern Brown County, not far from the northeast corner of the State, saw each a tornado cloud, the motion being eastward. As the points fall well into an east-west line, the probability is that this was one tornado, striking the ground at intervals for short distances only, the total advance being 8 miles and the total property loss comparatively small. Two days later the southeastern portion of the State was visited, and again there was probably but one tornado, striking at intervals, traversing the southern part of Montgomery County, from Caney eastward to Coffeyville, then crossing Labette County east-northeastward without touching the earth to strike western Cherokee, at Hallowell, in all fully 50 miles. The time was 5 p. m. at Coffeyville and 6:30 at Hallowell. At Hallowell the path was very narrow, but a man was killed and several were injured; the damage altogether was considerable.

In Crawford, the county next north of Cherokee, a house at Arma was struck about 1 p. m., June 20, by a small tornado, which badly damaged it; but no other damage was heard of, so the path was presumably very short. On June 24, probably about 5:15 p. m., two small tornadoes struck near Wathena, Doniphan County, and moved in a direction to east or a little north of east, in narrow paths which were probably about 4 miles apart. The track of the southerly one was apparently short, but the northerly one, after perhaps 5 miles in Kansas, crossed the Missouri River, into the outskirts of St. Joseph, Mo., and went on about 20 miles. In Kansas the two storms caused little damage and it was not reported that anyone was hurt. (Only one arrow is charted.)

The worst day of 1924 for tornado havoc in Kansas was July 13; in fact, the total property loss was very likely the greatest ever wrought by tornadoes in the State in one day. All the tornadoes were within the southern half, and the first, in Ford County, about 4 miles west of Dodge City, was the only reported tornado of the year in the western third of Kansas; this one was small, probably of short path, and caused only about \$500 loss, the time being apparently about 3:30 p. m. Damage of \$100,000, but no fatalities, were reported as the work of the second tornado, about 140 miles northeast of the first, in the southwestern part of McPherson County; the time was 7 p. m., the advance was to southeastward, nearly or quite 10 miles, and the wind havoc was spread over a considerable width, but perhaps not all of it should be charged to the tornado.

The third and worst tornado of July 13 may possibly be regarded as a reappearance of the second, for continuation of about 50 miles, at the speed and in the direction noted for the second storm, would have brought it to the southwestern part of Butler County, 8 miles from Augusta, where the track of damage began, extending through the town and 15 miles farther, the direction of advance being between east and southeast. The 23 miles were traversed in about 30 minutes, 8:15 to 8:45 p. m. Great destruction covered a path half a mile wide at Augusta, but usually very much less. Though many persons were badly injured, there was only one death, but the property loss was about \$2,000,000. A little more than 100 miles from the end of this storm, in direction slightly north of due east, Devon, in the northern part of Bourbon County, experienced a tornado at 9:30 p. m., moving several miles southeastward, with path 200 feet wide, causing a few thousand dollars' worth of damage.

On the afternoon of September 10 there was a violent storm, probably a small tornado, in the outskirts of Marion, in the county of the same name, somewhat east of the center of Kansas. The path is reported as half a mile wide and 7 miles long, and the property loss as \$25,000, but no lives were lost.

Kentucky.—In the western end, the western part of McCracken County and nearby areas in both Kentucky and Illinois had vast wind damage the night of March 28-29, some reports hinting at a tornado, but probably the winds should not be so classified.

Louisiana.—In the great April group of tornadoes there were two in northwestern Louisiana, within a few hours of the time of the storm at Texarkana, Ark., which is not far north of the northwest corner of Louisiana. Crichton, Red River Parish, and Many, Sabine Parish, were

the places, Many being about 40 miles south of Crichton. April 29 was the day, and the Many storm was about 6:30 p. m., and the Crichton probably about that time. The Many tornado advanced eastward, with path a few miles long and 450 to 900 yards wide, but the Crichton track was smaller, 60 yards wide and a half-mile long. The Crichton storm caused a few personal injuries and destroyed a few houses; the Many storm killed one person, hurt several others, and damaged property to the amount of \$100,000.

Near the center of the State, in the western part of Avoyelles Parish, about 4 miles east of Echo, the Little Island section was struck by a tornado about 4 p. m., August 11. This moved eastward a few miles, with path half a mile wide; a woman was killed, three other persons were injured, and some houses were blown down. On August 24 there was an intense windstorm in St. James Parish; probably this was not a tornado, though nine persons were killed in the wrecking of a crowded church. The deaths and damage are included in the table of windstorms on a later page.

Maryland and Delaware.—During June there were exceptionally severe windstorms on two afternoons. The storm of June 8 was felt chiefly in the portions to southward of a line joining Baltimore and Washington, also in some counties of the "Eastern Shore." Persons at or near Marshall Hall, Charles County, report the dark storm cloud sweeping eastward across the Potomac River as resembling a tornado cloud in its shape and its twisting, but this is not considered sufficient evidence that a part of the storm was tornadic. The storm of the 25th affected northeastern Maryland and extreme northern Delaware, notably Wilmington; "tornado" was used in some descriptions, but is pretty surely inaccurate.

Michigan.—Clouds of tornado form were seen June 20 from Lansing and from Port Huron; but they were not definitely connected with any of the wind havoc that day, and it seems better to reckon the State as having had no tornado reported.

Minnesota.—On June 22, in the afternoon, a tornado of marked violence traversed a long path in southwestern Minnesota. The start was in southwestern Lincoln County, almost on the South Dakota line, and the advance was slightly to south of due east, through the southern edge of Lyon County and the northern edge of Murray, then the northwestern corner of Cottonwood, whence the storm turned somewhat to northeast, ending near Lamberton, in southern Redwood County, fully 55 miles from its start. The width of path varied from a quarter-mile to a full mile. The loss of life was three and of property \$500,000.

There was probably a small tornado on July 11, about 6 p. m., at Airlie, Pipestone County, practically on the South Dakota line, about 20 miles south of the starting point of the June 22 tornado. As this passed through the village four buildings were wrecked, also there was damage close by to the corn crop.

Mississippi.—A violent local storm, probably a tornado and the very first of the year 1924, occurred between 1 and 2 a. m., January 3, in the eastern part of the State, Lauderdale County, about 4 miles south of Meridian. Several buildings were wrecked and one person was hurt.

The important May group of tornadoes included several, apparently six, in Mississippi, two of them continuing into Alabama. Considerably the earliest tornado in the State at this time and the only known tornado of the whole year in northwestern Mississippi occurred probably about sundown of the 26th, east of Greenville, near Leland, Washington County; on the Swain plantation three negroes were killed, about a dozen injured, and much property was damaged. During the night of the 26-27th there seem to have been two tornadoes in northeastern and central-eastern Mississippi, but the hours are not definitely known; the more northern struck near Evergreen, Itawamba County, or possibly the locality was near by, in eastern Lee County, and two people were killed here, this being probably the storm felt in Marion County, Ala., about 20 miles to eastward; about 70 miles to southward of Evergreen there was probably a tornado near Shuqualak in Noxubee County, one death resulting, the storm being felt later, a few miles northeastward, in Pickens County, Ala.

More definite information is at hand as to the southeastern part of the State, where numerous localities are reported as having been struck; most of these can be located by an atlas, and it seems probable, there were three tornadoes here, advancing to east-northeastward. The northern one of the three apparently was not felt west of Bay Springs, Jasper County, but went 50 miles from there to the Increase-Devoe community, in southeastern Lauderdale County; the time at this latter point was 12:40 a. m., May 27, so it probably hit Bay Springs before midnight. At Increase the width of track was 150 to 200 yards, and the damage about \$10,000; apparently but two deaths occurred in the entire path of this storm. The reports from northern Pike County (Summit and Johnston Station), in southwestern Mississippi, in connection with those from Collins, Covington County, Sandersville, Jones County, and Brewer, Clarke County, indicate the next tornado, advancing 120 miles; this started, it seems probable, earlier than any tornado to northward, save that near Greenville, and was probably at Summit before 11 p. m. of the 26th, at Collins 11:30, and at Brewer 1:15 a. m. of the 27th, the latter two reports indicating

a speed of about 34 miles per hour. At Brewer the property loss was about \$15,000 and seven persons were killed, while careful checking of the reports from the points visited earlier indicates but three other fatalities.

The tornado farthest to the southeast is indicated by reports from Moselle, Ovet, and Union Church, all in the southern part of Jones County, and Waynesboro, Wayne County; the two fatalities at the last-named place are apparently all the deaths that resulted from this storm, the path of which was about 40 miles long.

In all, 20 deaths resulted from the group of tornadoes in Mississippi, which were probably comprised within a time period of 10 hours; there is no doubt that the most northwestern was the first to strike, and the sequence to southeastward was probably quite regular. The aggregate property loss within the State was estimated at \$1,000,000, but the details of how this was distributed between the storms and among the counties concerned are not known.

On December 4, about 9 p. m., Bay Springs, Jasper County, was struck by a violent wind-storm, probably a tornado. Two persons were hurt and there was damage to the amount of \$10,000.

Missouri.—The great March group brought three storms classed as tornadoes in the State and another was barely outside its borders. The earliest was in the northwestern portion, Holt County, a little north of Oregon; this moved northeastward about 4 miles, with path a fourth of a mile wide, and the damage to buildings, orchards, wire lines, and livestock was \$4,000. The time was about 5:30 p. m. on the 28th. This storm was presumably the same as the tornado in Brown or Doniphan County, Kans., the storm being counted as having a total path of 13 miles, but not reaching the ground all the time; there were no fatalities and all the damage of moment was in Missouri. Alton, Ill., close to the eastern part of St. Charles County, Mo., reports a tornado at 9:45 that evening, but this storm seems not to have affected Missouri. Well to southward, in southeastern Missouri, there were probably two tornadoes moving northeastward, the northern in Bollinger and Cape Girardeau Counties, with one death resulting, and the other in Stoddard, New Madrid, Scott, and Mississippi Counties, fully 30 miles in all, with seven fatalities; the combined damage was \$200,000, and the time probably between 10 and 11:30 p. m. of the 28th, though one report indicates it as 2 a. m. of the 29th. In the western part of the State, northwestern Johnson County, a severe storm, but probably not a tornado, occurred on the 29th.

A storm of narrow and probably short path, on June 17 at an unreported hour, affected parts of Saline and Howard Counties, which lie somewhat to northwest of the center of the State and are separated by the Missouri River; this was probably a tornado, its advance was north-eastward, and the damage was \$2,000. One week later a tornado from Kansas traversed part of northwestern Missouri; this crossed the Missouri River about 5:25 p. m., June 24, and passed about two miles north of the heart of St. Joseph, continuing in direction slightly north of due east through northern Buchanan County into the southwestern part of Dekalb, near Clarksdale, the path being about 100 yards wide where the chief damage occurred. Most of the 25-mile course of this storm was in Missouri, where occurred the severe injuries which three persons suffered and practically all of the property loss of \$65,000. There was probably a tornado during the next night in northeastern Knox County or southeastern Scotland, about 130 miles to east-northeast from Clarksdale, in which two persons were killed.

On September 19, about 6 p. m., there was apparently a tornado in Reynolds and Iron Counties, in southeastern Missouri, which advanced northeastward for many miles, but only at times reached the ground, when it marked a path a few hundred yards wide. Hot Springs, Ark., had a tornado that day, three hours earlier. The Missouri storm was felt chiefly at or near Ellington and Annapolis, and most of the \$30,000 damage was at the latter. It was precisely in the district this storm visited that the terrible, long-path tornado of March 18, 1925, started.

On November 11, the day a tornado occurred in west-central Illinois, there were two in southern Missouri at hours not reported, neither being very destructive. At Seymour, in the southeastern part of Webster County, the path was 4 miles long and 100 yards wide, but mainly only the tree tops were affected, though one house was destroyed; the damage was \$2,000. The other tornado, 65 miles away, in direction slightly south of due east, passed to northeastward north of Birch Tree, Shannon County, its path being 2 miles long and the property loss but \$1,000.

Montana.—There were two tornadoes on June 15, the earlier at 10:30 a. m., in the southwestern part of Fergus County, near the center of the State. This storm probably advanced to northeast or north, but how far it went is not reported; the path of great destruction was 100 yards wide, and the property loss was about \$4,000. About 110 miles to northwest of the first tornado's track, the second struck at 2:30 p. m., in the northwestern part of Cascade County; this advanced to northeastward or eastward and covered at least 5 miles, the width of path suffering marked wind damage varying, but probably averaging about 120 yards; seven people were hurt and the property damage was \$25,000.

There were two tornadoes during July. About 2:45 p. m. of the 17th a tornado formed in the central part of Blaine County and traveled 5 miles northeastward, with path from 100 to 500 feet wide. The aggregate damage was about \$20,000, but it is not reported that any person was even injured. At an unreported hour of the 18th a tornado occurred in the southeastern portion of Montana, to west or northwest of Broadus, Powder River County; this was probably in contact with the ground for only 2 or 3 miles, with track 200 yards wide, the advance being to east or a little to north of east. The damage was small, probably about \$500.

Late in the afternoon of August 17, about 6 o'clock, there was an unimportant tornado in the southeasternmost portion of the State, in Carter County. At the first notice there were visible five separate funnel-shaped clouds, but soon only the largest remained, advancing in direction somewhat to south of east, on the whole, but turning considerably as it went. About 20 miles were covered from start to finish, the marked destruction being confined to a width of about 50 yards. Aside from the sage brush the power of the wind seems to have reached but two cheap buildings, so the real property loss was trifling. (This is counted but one tornado and only a single arrow is charted.)

Nebraska.—There were five tornadoes reported during 1924, all in the northern half of the State and none of marked importance. The first was in the north-central part of the State, about 6 p. m., June 11, moving 4 miles eastward in the northwestern part of Brown County, with path 450 yards wide, and wrecking several buildings. Far to the eastward, on June 14, about 9 p. m., the second covered a narrow path about 2 miles long, starting near Wayne, Wayne County, and traveling northeastward; again several buildings were damaged, also many trees were uprooted.

On July 16, several miles to southward of the scene of the June 11 tornado, a tornado passed east of Purdum, Blaine County, heading northeastward, at about 6 p. m. A house and other buildings were wrecked and some cattle were killed. At 12:20 a. m., July 21, there was a tornado near Norfolk, Madison County, in northeastern Nebraska. This storm came from the southwest, and its path was about 2 miles long and 200 feet wide; there was damage, not large in the aggregate, to buildings, trees, and wire lines.

The final tornado of the year in Nebraska was in the northwestern part, affecting the eastern portion of Sheridan County and the western of Cherry. It formed near Hinchley at 9:30 p. m., August 7, and moved southeastward about 25 miles, the width of path varying from 40 rods to 2 miles. There was considerable property loss, of which no estimate was secured, and one life was lost.

Nevada.—No tornadoes reported.

New England.—On July 17 there were severe storms in most parts of New England, but usually lightning and heavy downpours were the chief features, though hail and high winds were felt in many scattered places. Northeastern Massachusetts and southeastern New Hampshire had the greatest damage, and there is one report of a funnel-shaped cloud being seen at Manchester, N. H., but this seems unlikely. There was probably but one tornado, confined to a stretch of about 18 miles in the northern part of Worcester County, Mass., from Templeton to a little east of Fitchburg, and in this stretch felt only at intervals. The width of path varied from 50 feet to fully three-fourths of a mile, and the advance was to eastward, or a trifle north of east; the time was soon after 11 a. m., 75th meridian time. Two lives were lost and the damage aggregated about \$750,000.

New Jersey.—No tornadoes reported.

New Mexico.—No tornadoes reported.

New York.—On August 20, about 6 p. m., a small tornado visited Conklin Center and Kirkwood, in Broome County, in the south-central portion of the State. The path was 100 rods wide, but the length is not known, nor is the direction of advance or the speed. One person was badly hurt, and the damage, including five buildings destroyed and several cattle killed, was about \$150,000.

The small waterspout in New York Harbor, the afternoon of September 5, did not reach land and is not counted among the tornadoes.

North Carolina.—The great April group of tornadoes includes two in North Carolina, on the 30th. The earlier was a little east of the center of the State, being in Chatham County, north of Pittsboro, at 12:30 p. m.; it moved northeastward about 2 miles, with track 100 to 300 yards wide, and caused four deaths and property loss of \$20,000. The other was more than 100 miles to eastward, starting 5 miles to the southwest of Robersonville, Martin County, about 2:30 p. m. (The point of starting was probably in Pitt County.) This storm traveled 15 miles northeastward, with path 100 to 300 yards wide, and destroyed or damaged 80 dwellings, the total damage being \$200,000, and 40 persons being hurt, so that it is surprising there was but one fatality.

The great May group of tornadoes included two in South Carolina, the more northern ending near Smithboro, not far from the North Carolina line, early in the afternoon of the

27th. At about this time (12:30 p. m.) there was an intense windstorm near Rowland, Robeson County, N. C., approximately 20 miles from Smithboro; this left a track of damage 2 miles long and averaging 200 yards wide, and buildings, livestock, and timber suffered, to the extent of \$5,000. While no funnel-shaped cloud was reported, the storm probably was a tornado.

North Dakota.—A large part of the State experienced violent winds on June 18, and a belt extending eastward from the Montana line in and near Golden Valley County had particularly strong winds. It is believed there were two tornadoes in this southwestern part of the State, advancing to eastward; one of these, a little after 4 p. m., passed through parts of Eland and Dickinson, 5 miles apart in Stark County, and it probably started at least 15 miles west of Eland, near Belfield. Two deaths resulted and the property loss in the tornado path (not counting havoc of hail, of heavy rain, or of wind outside the path) was about \$300,000. The other path was about 20 miles to northward, in Dunn County; the meager reports indicate that four persons were killed and that many buildings were wrecked.

Ohio.—In Defiance, one of the northwesternmost counties, a short distance east of the town of Defiance, there was a tornado about 12:30 p. m., March 29. Considerable damage was reported, but nearly all of it to one garage, and one man was killed. This was the last to occur of the reported tornadoes of the great March group.

In the southwestern part of Seneca County, in the northern portion of the State, there was a windstorm, presumably a tornado, on May 3, apparently during the afternoon. Buildings, orchards, and wire lines were destroyed or badly damaged, the total property loss being \$5,000.

Much the most important storms of the June group of tornadoes were in Ohio, and the aggregate property damage by tornadoes on June 28 reached a figure probably never before attained within one State on a single day. It is judged, from the information now at hand, that there were three distinct tornadoes in Ohio, all in the northern portion. The most western probably formed later than the chief tornado, and well to the southwestward of it; this western one started west of Vickery, in the northeastern portion of Sandusky County, about 4:45 p. m., and moved almost exactly east, passing south of Castalia, Erie County, and possibly ending there. It seems probable, however, that this storm is to be counted the same as the storm at Huron and Berlin Heights, and if so, the track was 25 miles long, of width from 50 feet to half a mile, generally increasing as the storm progressed, and two lives were lost with about \$450,000 worth of property.

The chief tornado seems to have formed over the water, a short distance northwest of Sandusky, Erie County, and to have advanced first southeastward into the northern portion of the city, then eastward over the small bay and the Cedar Point peninsula out over the main lake. In the city the time was 4:35 p. m. or a little later, the track was a quarter-mile wide, and damage was about \$1,000,000, while eight deaths resulted. Over Lake Erie the cloud form was seen by many and a few saw a waterspout; the storm did not again reach land till almost at Lorain. As the time at Lorain, 27 miles from Sandusky, was about 5:09 p. m., the speed of advance between the cities was about 48 miles per hour, the direction being almost precisely east. The path of destruction in Lorain narrowed eastward, being 4,000 feet wide at first, but becoming only about 500 where it left the city; 73 deaths and property loss of \$11,000,000 were the results in Lorain. The tornado swept the ground at intervals through the northeastern part of Lorain County to West Dover, just at the western edge of Cuyahoga County; east of Lorain it is reported there were four fatalities, but the damage was probably not large. The entire path of the Sandusky-Lorain tornado thus extended 38 miles, with 85 deaths and over \$12,000,000 damage.

The third tornado, unlike the western one, was remote from the chief tornado-path, starting near Geauga Lake, Geauga County, 30 miles east-southeast of West Dover, and moving 20 miles slightly south of east to near Southington, Trumbull County, nearly all the path being in Portage County, where the three deaths occurred. The hour was about 6 p. m., the width of the path was about one-third of a mile, and the damage was fully \$100,000.

Oklahoma.—In the great March group of tornadoes there were probably two in Oklahoma. On the 28th, about 2 p. m., there was much wind havoc in the southern part of Tillman, which is one of the southwestern counties; the reports from Oklahoma points indicate that one tornado occurred, also persons at Vernon, Tex., consider that the tornado which struck that place continued northeastward into this part of Oklahoma; the damage in Oklahoma was about \$25,000. In the two States the path was probably fully 10 miles, and loss of property was about \$28,000. The later Oklahoma tornado started apparently a little more than 100 miles to northeast, near Noble, Cleveland County, about 3:30 p. m. and traveled northeastward through Shawnee, Pottawatomie County, to Prague, Lincoln County, close to 50 miles; the track was from 100 to 300 yards wide, damage was \$800,000 at Shawnee and fully \$11,000 elsewhere, and eight persons were killed at or near Shawnee. Elsewhere in the State some of the severe winds reported as occurring that day or the following night may have been

tornadoes, especially in Kay, one of the north-central counties, but with only the information available it seems better not to reckon them as tornadoes.

On April 25 there were probably two tornadoes. It is reported a violent storm occurred in the morning in the southeastern part of Creek County or perhaps in the northwestern part of Okmulgee; this was likely a tornado, with very narrow path about a mile long, as far as known; in the wrecking of a house three persons were killed and several injured, but no other damage is mentioned. In the afternoon the southeastern portion of the State, about 130 miles to south-southeast of the scene of the morning storm, had one tornado, or possibly two, striking near Hugo, Choctaw County, and in a wooded section south of Smithville, McCurtain County, the latter section being about 60 miles northeast of Hugo. The hour at Hugo was 3:30, width of path 200 yards, and damage \$15,000; in McCurtain only slight damage was reported.

Four days later the north-central portion of the State had destructive winds. At Covington, Garfield County, 3 a. m., April 29, the storm probably was not a tornado, but somewhat to eastward, Signet, Payne County, an hour later was visited by a tornado, and there was much havoc there and in the oil field to northeastward, in all about \$200,000 loss and one fatality; the path is reported as 100 yards wide, but the length is not stated. This was the earliest tornado of the great April group.

In the late afternoon and early evening of May 28 several places in the eastern portion reported tornado visits, but it is probable there were only two tornadoes, with rather long paths, moving to the east-northeast. It was 5:30 p. m. when the storm hit Wetumka, in the northern part of Hughes County, where the path was from 400 to 550 feet wide; there were seven fatalities and property loss of \$140,000. Fully 40 miles away there was some damage at Checotah, McIntosh County. Then at Warner, in the southeastern part of Muskogee County, 55 miles from Wetumka, the tornado visit was at 6:15 or 6:30, with path a mile wide; two were killed and the damage was \$50,000. Fully 20 miles southeast of Warner, in Haskell County, 3 miles south of Stigler, there was a tornado visit at 7 p. m., which is counted the earliest report of the second tornado; the track was 300 yards wide, several people were injured, and the loss was \$6,000. Cowlington, in the northwestern corner of Le Flore County, was next struck, with one fatality and damage of \$25,000; then Gans, Muldrow, and neighborhoods to within 3 or 4 miles of the Arkansas border, in Sequoyah County, making a path almost 40 miles long. At Muldrow the storm came about 7:30, with path 150 yards wide and three were killed, while the damage was \$35,000. In all, the Stigler-Muldrow tornado caused loss of four lives and property worth \$66,000.

Oregon.—No tornadoes reported.

Pennsylvania.—There were several local storms of unusual severity during June and July, but only a few of them seem to have been tornadoes. More likely than most others was the storm at Venango, Crawford County, about 11 p. m., June 20, when there was a fairly well marked path 800 yards wide, but probably short, for damage was but \$7,000. This is in the northwestern part of the State. In the south-central part, Adams County, west of Gettysburg, had a narrower-path storm, but more destructive (\$50,000), on June 25; the width was one-fourth to one-half mile. It is thought these two storms were tornadoes, but many details, as direction and length, are unknown.

On June 28, when northern Ohio was hit so hard by tornadoes, Crawford County, which adjoins Ohio, suffered vastly more than on the 20th. There probably was a tornado at Geneva and Meadville, moving about 6 miles northeastward and resulting in six deaths and damage of \$500,000; this was in the evening, probably about 7. The several deaths and vast wind damage that evening in fully a dozen counties of western Pennsylvania apparently included no other tornadoes.

On July 23, about 6:30 p. m., the vicinity of Hamburg, near the north corner of Berks County, which is in eastern Pennsylvania, was visited by what was probably a tornado, with path half a mile wide. Other details of the path were not secured, but the damage consisted of several buildings and three acres of orchard wrecked.

Porto Rico.—No tornadoes reported.

South Carolina.—The two most destructive tornadoes of the great April group occurred in South Carolina, though one came from its starting point in northern Georgia. It was about 7:30 a. m., April 30, when this storm crossed the Savannah River into Anderson County, whence it continued east-northeast about 100 miles, through Greenville, Laurens, Spartanburg, Union, and Cherokee Counties, into western York, where it ended about 11 a. m., near Hickory Grove. The speed was not far from 30 miles an hour, but in Georgia perhaps faster. The path was from 100 to 1,300 yards wide. In South Carolina the fatalities were nine, all at Anderson, and the property loss was about \$2,000,000, about three-fourths of it at Anderson. Including the Georgia portion with the South Carolina, the storm shows a length of track of 175 miles,

damage of \$2,202,000, and 10 deaths. The somewhat later southern storm was far worse in the matter of lives lost, 67, in five different counties, Richland reporting 24 and Sumter 20; but the property loss was less, being estimated as closely \$1,000,000. This tornado started in the northern part of Aiken County, about 11 a. m., and went about 135 miles east-north-eastward to Pamplico, Florence County, about 3 p. m., traversing Lexington, Richland, Sumter, Lee, and Darlington, with track 100 to 1,400 yards wide. There is a possibility that the main tornado ended near Lamar, Darlington County, and that the points, considerably south of its general course, which report havoc in Florence County, represent one or two distinct tornadoes of shorter path.

About 7:15 p. m., May 11, Mayesville, in the northern part of Sumter County, experienced a tornado whose path was short and only 100 feet wide, the damage being \$5,000.

The great May group of tornadoes brought two in South Carolina, but they were of far less importance than the tornadoes of April 30. The western one of May 27, starting near Eureka, Aiken County, probably about 10 or 10:30 a. m., moved over 50 miles almost due east to near St. Matthews, Calhoun County, early in the afternoon, passing through the northern part of Orangeburg County, where there was considerable damage near Woodford; the width of path varied from 30 yards to 800, the total property loss was \$22,000, and two persons were hurt. Approximately 60 miles to northeastward of St. Matthews, the other tornado of the day started near Florence, Florence County, early in the afternoon, and went slightly north of east, about 30 miles to Smithboro, on the northern edge of Marion County, the track being from 100 to 300 yards wide. Three people were injured and there was damage of \$18,000.

Somewhat to northeast of the center of the State, in Lee County, near Elliott, a tornado struck about 8 p. m., June 23, resulting in loss of two lives and property values in buildings and crops to the amount of \$10,000. Details concerning the path were not reported.

South Dakota.—About 4 a. m., June 12, there was probably a tornado in Codrington County, wrecking barns and damaging wire lines to westward and southward of Watertown, in the eastern part of the State. This probably moved to eastward or to south of eastward. This storm occurred about 180 miles to northeastward of a tornado in Brown County, Nebr., about 10 hours earlier.

During the late afternoon and early evening of June 14 intense windstorms affected a large part of South Dakota, especially a belt from about the center of the State toward the east-southeast to where Minnesota, Iowa, and South Dakota come together. Several people lost their lives and the property loss reached into the millions, a vast number of barns, windmills, and other structures being wrecked. However, it is believed there was no tornado involved, and the losses are placed in the table relating to windstorms not tornadoes, on a later page.

Two Minnesota tornadoes, June 22 and July 11, respectively, affected localities extremely close to the South Dakota line, but the adjacent portions of South Dakota (Brookings and Moody Counties, respectively) apparently were not touched. Likewise a Montana tornado, August 17, came to almost the exact corner of that State, but is not known to have crossed into Butte County, South Dakota.

Tennessee.—On December 7, the day when the last known tornadoes of 1924 in the country occurred, there were several violent windstorms in Tennessee, and it is thought two were tornadoes. The earlier was in the north-central portion, passing eastward a few miles north of Gallatin, Sumner County, about 9:30 a. m., resulting in injuries to several people and property damage of \$25,000. The other was in the western part of the State, crossing the southeast portion of Gibson County about 3 p. m., causing the death of one person and injuries to a number. From this county it is about 130 miles west-southwestward to Woodruff County, Ark., where a tornado struck that afternoon, and about 220 miles southeastward to Talladega County, Ala., where another struck at 8 that evening.

Texas.—In the great March group of tornadoes there seem to have been two in Texas, occurring on the 28th. Vernon, Wilbarger County, in the northwestern portion and near the Red River, was visited a little before 2 p. m., the storm traveling northeastward and going on into Oklahoma. In Texas the path was fully 7 miles long, four persons were hurt, and the damage was \$3,000. About 130 miles to east-southeastward, Whitesboro, in Grayson, another of the Red River counties, was struck at 6 p. m., the storm demolishing a warehouse, blowing down fences and trees, and causing injuries to a child.

On April 3, at an hour not reported, there was a small tornado near Halsell, Clay County, in the north-central portion of the State; several outbuildings were blown down, but no other details were learned. Possibly this should be considered an early appearance of the important tornado to southeastward. That tornado apparently started about 75 miles from Halsell, near Justin, in the southwestern part of Denton County, about 3 p. m., April 3, and traveled 85 miles somewhat to south of east through parts of Collin, Dallas, Rockwell, and Kaufman Coun-

ties to near Edgewood, Van Zandt County, where it was last noted about 7 p. m., so the speed of advance was about 21 miles per hour. The width of path in Denton and Dallas Counties, where the havoc was greatest, was from 20 to 100 yards; one person was killed and the damage, the loss from accompanying hail not being counted, was \$40,000.

The violent windstorm at Granbury, Hood County, the evening of April 22, probably was not a tornado. But the southern part of Travis County, to south of the center of Texas, on the morning of the 26th, about 5, had a vigorous tornado advancing northeastward, with path 4 miles long and 50 yards wide, with loss of 5 lives and \$25,000 worth of property.

The tornado in the outskirts of Texarkana, April 29, was apparently confined to the Arkansas side of the State boundary.

Between 1 and 2 a. m., May 10, Corpus Christi was visited by a terrific hailstorm accompanied by severe wind, some information indicating that the wind took the form of a tornado; but the probability is that this was not a tornado. But on the 20th, about 5:30 p. m., Kaufman County, in the northeastern portion of the State, was stricken by wind and hail and in this case there almost surely was a tornado, starting two miles east of Kaufman at 5:30 p. m., and advancing seven miles southeastward, with path 50 yards wide. Two persons were injured, and the damage to buildings, livestock, and crops was about \$50,000, though possibly hail damage is included in this figure. Not far to the west and southwest of Kaufman, Red Oak, Ellis County, and Hubbard, Hill County, had destructive local winds during the forenoon of May 26, the damage, particularly at Hubbard, suggesting a tornado, but the storms are not so counted, since the information secured is not conclusive.

Press dispatches indicate a probable tornado on July 16 and a destructive local windstorm, probably not a tornado, on July 27. The former occurred in west-central Texas, in the southern part of Lynn County, late on the 16th; a house was wrecked, one man being killed and three others of the family injured. The latter storm was at Lampasas, about 4 p. m., and there was considerable damage to buildings, fences, and trees.

Utah.—No tornadoes reported.

Virginia.—The last two tornadoes of the great April group occurred in southeastern Virginia about the same hour, 5:30 p. m. of the 30th. The more important moved about 10 miles northeastward in Amelia County, starting southwest of Maplewood, in which community the damage was greatest and one man was fatally hurt. The width of path varied from 100 to 300 yards and the total property loss was \$30,000. About 50 miles to the south-southeast of Maplewood the other tornado cut a narrow path, only 40 yards wide, in Greensville County, near Pleasantshade. The direction was northeastward, but presumably the storm did not go far; but by destroying one building it caused about \$1,000 damage.

On June 8, in the afternoon, there were severe winds in parts of northern Virginia, some reports from Fairfax County points near Mount Vernon suggesting that a tornado cloud was involved; but the probability is that no tornado occurred, though several deaths resulted and there was much damage. On the night of July 15 eastern Appomattox County had great wind damage to trees and one building, one account claiming there was a tornado; but the evidence is judged inadequate.

Virgin Islands.—No tornadoes reported. The severe tropical hurricane, near the end of August, is mentioned in the following text, "Losses from windstorms."

Washington.—The Fort George Wright army post, located 2 miles northwest of Spokane, Spokane County, in the east-central portion of the State, had a damaging whirlwind which should probably be considered a small tornado. The time was 3:30 p. m., May 20, and the whirl moved southeastward at least half a mile, leaving a track about 10 yards wide. Nobody was seriously hurt, but the damage, chiefly to buildings, was about \$250.

West Virginia.—No tornadoes reported.

Wisconsin.—Racine County, almost at the southeast corner of the State, was the scene of great wind damage on June 20. The information is hard to analyze, but there was at least one tornado and possibly there were several. From the center of the county east-northeastward about 20 miles there was marked damage in a strip from 300 yards to fully 2 miles wide, the storm setting in about 7:30 a. m.; 12 persons were injured and the property loss was \$500,000. (This is counted as one tornado and one arrow is charted.)

On August 7, about 6:30 p. m., a tornado started near Osseo, Trempealeau County, in west-central Wisconsin, and went 27 miles southeast, to Black River Falls, Jackson County, with path 1,000 feet to a mile wide; there were four fatalities and the damage reached \$200,000. The same evening, at 7 p. m., a tornado started almost 50 miles to north-northwest of Osseo, in the southeasternmost township of Barron County, and moved about 15 miles southeastward, mainly in Chippewa County, the track being about 330 yards wide; three deaths resulted and the property loss was \$100,000.

One of the most disastrous days for tornadoes in the history of Wisconsin was September 21, when surely two occurred and probably four. The most northwestern went from near

Chetek, Barron County, in direction to northward of northeast, through Rusk, Sawyer, and Bayfield Counties, to near Marengo, in Ashland County, about 90 miles, where the track ended when still about 15 miles from Lake Superior. This started about 2 p. m. The path was from 200 feet to more than half a mile in width, the deaths were 10, and the sum of the county estimates of damage was \$250,000. At a point in Sawyer County eyewitnesses are sure there were two distinct tornado clouds. There probably was a short-path tornado at Minocqua, Oneida County, 60 miles southeast of where the northwestern tornado ended; this was at 4 p. m., and there was damage, of an amount not reported. The worst tornado started 50 miles southeast of Chetek, near Augusta, Eau Claire County, and advanced 120 miles between 2:20 and 4:30 p. m., so the speed was almost 60 miles per hour; the direction taken was to eastward of northeast, so that the two long tracks separate considerably, the route of the Eau Claire County storm traversing Clark, Marathon, Taylor, and Lincoln Counties, to near Three Lakes, Oneida County. The width of track was about as for the northwestern storm; the fatalities were 26, Clark County having the largest number, 14; and the sum of the county estimates of loss is \$564,000. Antigo, Langlade County, about 25 miles southeast of the track of this longest storm, apparently had a short-path tornado this afternoon, with damage of \$4,000.

Wyoming.—No tornadoes reported.

HAIL, 1924

Charts 6 and 7 indicate the localities in which injurious hail occurred during the period from April to September, inclusive. The information was obtained mainly from the records and special reports of regular and cooperative stations of the bureau. Two grades are indicated, Chart 6 showing the places where there was moderately heavy hail, causing only slight damage, while Chart 7 shows where heavy or especially destructive hail occurred. Falls of hail too light to cause damage were noted at hundreds, if not thousands of stations, and no effort has been made to chart such falls. Hailstorms are often decidedly local, and in their occurrence from year to year show much irregularity; therefore the distribution that appears on the charts should not be construed as the usual condition. During 1924 there probably were fewer hailstorms than usual in the Gulf States and to northward about as far as the Ohio River. The facilities for securing hail information are greater in certain States than in others, and the zeal and care of the observers and reporters show marked differences. The greater the facilities and the more accurate the observers are, the more numerous are likely to be the dots representing hailstorms; so in certain States, as Iowa, a larger number of dots is likely to represent many reports as compared with neighboring States, instead of many hailstorms.

In two cases destructive hailstorms were accurately reported over paths of such length that it is fitting to represent them on Chart 7 by lines rather than by dots. In the northeastern part of Montana a long-path hailstorm occurred on July 17, and there was another in eastern North Dakota on August 4. If fuller information were at hand some of the series of charted dots would probably be connected into lines; that is, the dots would be found to be scattered reports of long-path storms.

Hail during the first three and the last three months of the year is not included on the charts, as crop injury is then well-nigh impossible. A few considerable falls of hail did occur in these months, as in parts of northwestern and southeastern Iowa on November 11.

As in 1922 and 1923 there was no hail of consequence in 1924 anywhere in Alaska, Porto Rico, or the Virgin Islands. In Hawaii, however, though there had been none to cause appreciable harm during either of the two preceding years, yet 1924 brought one fall of moderately heavy hail, causing some damage; this occurred on October 16, at Pepeekeo in South Hilo District, on the eastern coast of the island of Hawaii.

LOSSES FROM WINDSTORMS, 1924

For the ninth successive year statistics have been collected, chiefly through the field-service officials of the bureau, as to property damage and loss of life due to windstorms that are considered not to have been tornadoes. The results appear in the table following, the amounts stated being merely estimates of the damage; and often it was not feasible to secure even rough estimates, so symbols appear instead, yet in most cases these symbols stand for comparatively small losses. Deaths and fire losses resulting from lightning are not shown in the table, even though high winds occurred at the time; and when rain or hail or both come with the severe wind and aid it in causing damage, an effort is made to estimate the share of the damage due to wind. As with tornadoes and severe hailstorms, most of the individual windstorms whose

results are indicated in the table have been mentioned in the chronological lists presented in the issues of the Monthly Weather Review.

The deaths enumerated are slightly fewer than the average number appearing in the like tables of preceding years, though not as few as the smallest number for any year. The losses, however, are greater than the annual average. The smallness of life losses is chiefly due to the absence of serious results from the several hurricanes of tropical origin.

The 78 deaths indicated in the table occurred in 19 States and the Virgin Islands, Louisiana leading with 14. The manner in which these occurred is unknown in 20 cases; of the other 58, 5 came about when the wind caused foundering or stranding of large craft, 12 by upsetting of small craft, 6 by contact with live wires blown down, 20 when buildings were wrecked by wind, wind, and 4 by falling of structures other than buildings. Trees uprooted or broken by wind killed 4 and tree branches 2 more; and, finally, 1 boy was killed when blown from a high load and 4 lost their lives when automobiles or other vehicles were upset on the highways, wholly or chiefly by wind.

Among the months June was considerably the most disastrous in the matter of deaths from windstorms not tornadoes, the total being 32, while August, with 16 stood next. February, April, October, and November reported no such fatalities, while the numbers during the other six months were: January, 6; March, 1; May, 12; July, 8; September, 2; December, 1.

No less than five hurricanes from the region of the West Indies were of importance in their results to the States or to the islands of the United States. There were two late in August, the earlier being of small consequence to the lands covered by the table until it reached the vicinity of southeastern New England, on the 26th. The later hurricane, three days afterward was central close to the Virgin Islands, and there was great damage, with some loss of life, all the deaths on islands of the United States occurring on St. John. The property loss was chiefly on St. Thomas, but the smaller St. John was closer to the storm center. The two September hurricanes were felt chiefly in central and northern Florida, but to some extent in Georgia and a few other States. The October hurricane confined its serious havoc to the southern part of Florida. In Florida no death was heard of that seems due chiefly to the winds of the hurricanes, and only one in any other part of the continental United States.

Among other notable widespread windstorms, the earliest of 1924 was late in March, at the time of the great March group of tornadoes. Large parts of Arkansas, a portion of northern Louisiana, also western Kentucky and southern Illinois experienced great losses from the far-reaching, sustained high winds at this time.

The month of June brought four periods of large windstorms losses over considerable areas. On the 8th two separate areas were chiefly affected, east-central Indiana and southeastern Maryland. On the 14th South Dakota was the State to suffer most, the central and eastern portions being particularly stricken. The 25th saw much damage in northern Delaware and the adjacent parts of Maryland, New Jersey, and Pennsylvania. Finally, the 28th, the day of the important Ohio tornadoes, brought wind havoc to eastern Nebraska, much of Iowa and Illinois, and considerable portions of Ohio and western Pennsylvania, away from the tornado tracks.

The last months of the year are often comparatively free from damaging windstorms, but there was much damage on December 7 of 1924 in Arkansas and Tennessee, apart from the tornado paths.

The navigation of the Great Lakes during the 1924 season involved an unusual number of marked losses, but it is not clear from information now at hand that severe winds were a considerable factor in this matter.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Losses from windstorms, other than tornadoes, by months and sections, 1924

[Figures, except in last column, indicate dollars]

Section	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Number of lives lost
Alabama	(1)	900				\$ 4,000		(1)	(1)				\$ 4,900	2
Alaska			800	(1)							(1)		\$ 800	
Arizona					(1)	(1)							(1)	
Arkansas		(1)	1,000,000		92,500	\$ 1,500		(1)	(1)				\$ 2,500	1
California													(1)	
Colorado										150			150	
Florida			\$ 1,000			(1)		\$ 2,000	400,000	705,000			\$ 1,108,000	2
Georgia	(1)			10,000	3,000	\$ 7,500	\$ 1,000	\$ 2,000	(1)		(1)	500	\$ 24,000	1
Hawaii										(1)			(1)	
Idaho											2,000		2,000	
Illinois		(1)	\$ 173,000	(1)	\$ 24,900	\$ 972,000	(1)	(1)	(1)	(1)			\$ 1,168,900	10
Indiana		(1)	19,900	(1)	(1)	\$ 1,000,000	(1)	\$ 1,200	(1)		(1)		\$ 1,021,100	1
Iowa			(1)			\$ 2,100,000	200,000	(1)	(1)	(1)			\$ 2,300,000	
Kansas			(1)	(1)		\$ 10,000	(1)	(1)	(1)				\$ 10,000	
Kentucky			500,000			\$ 10,000							\$ 535,000	
Louisiana			100,000	(1)	\$ 2,500		29,200	5,000	10,000				\$ 146,700	14
Maryland and Delaware			(1)	(1)	(1)	1,650,000					(1)		\$ 1,650,000	2
Michigan			(1)			(1)		(1)	(1)		(1)		(1)	
Minnesota			(1)	(1)	(1)			\$ 105,000	(1)				\$ 105,000	
Mississippi					(1)				40,000				\$ 40,000	
Missouri			\$ 4,000	\$ 3,000	33,000	26,000	\$ 35,000	(1)	30,300				\$ 131,300	1
Montana									(1)				(1)	
Nebraska						(1)	(1)						(1)	
Nevada										(1)			(1)	
New England	(1)		(1)		\$ 1,000		(1)	\$ 225,000	(1)		(1)		\$ 226,000	2
New Jersey	(1)		(1)	(1)		(1)	(1)	(1)	(1)				(1)	
New Mexico			(1)		\$ 500				(1)	(1)			\$ 500	
New York	(1)				(1)	\$ 100,000	(1)	(1)	(1)				\$ 100,000	7
North Carolina				(1)		(1)	(1)	(1)					(1)	
North Dakota					(1)	(1)	(1)	(1)					(1)	
Ohio			(1)		(1)	(1)	(1)	(1)					(1)	
Oklahoma			\$ 225,000	\$ 5,000	4,000	\$ 35,000		(1)	8,000				\$ 277,000	1
Oregon													(1)	
Pennsylvania	(1)		(1)			(1)							(1)	2
Porto Rico													5,000	
South Carolina													5,000	
South Dakota			(1)			\$ 2,750,000	(1)	(1)	(1)				\$ 2,750,000	7
Tennessee				(1)	(1)	(1)	(1)		\$ 7,000			\$ 225,000	\$ 232,000	1
Texas			(1)	\$ 3,000	\$ 15,000		(1)						\$ 18,000	
Utah					(1)								(1)	
Virginia			(1)		(1)	\$ 50,000	(1)	(1)					\$ 50,000	6
Virgin Islands								200,000					200,000	5
Washington									(1)		(1)	(1)	(1)	
West Virginia				3,500										
Wisconsin			(1)			2,500	\$ 130,000	\$ 205,000	(1)				\$ 341,000	
Wyoming						\$ 200				(1)	700		\$ 900	

1 Loss not estimated occurred.

2 Loss not readily estimated in addition to amount of loss stated.

REVIEW OF WEATHER CONDITIONS, 1924

Annual summary, climatological data, Canadian stations, 1924

[Data furnished by the Canadian Meteorological Service]

Station	Pressure, inches			Temperature, degrees Fahrenheit						Precipitation, inches		
	Station, reduced to mean of 24 hours	Sea level, reduced to mean of 24 hours	Departure from normal	Mean maximum + mean minimum ÷ 2	Departure from normal	Mean maximum	Mean minimum	Highest	Lowest	Total	Departure from normal	Total snow-fall
Fogo, Newfoundland				39.3		45.3	33.3	82	0	43.29		201.9
Port aux Basques, Newfoundland				39.7		45.1	34.4	71	0	49.30		180.1
Sydney, Nova Scotia	29.95	30.00	+0.06	42.6	+1.3	50.9	34.4	88	-10	45.70	-4.58	124.5
Halifax, Nova Scotia	29.82	29.93	-0.04	44.4	+1.6	53.4	35.4	91	-10	47.56	-9.47	56.4
Yarmouth, Nova Scotia	29.83	29.90	-0.08	43.3	+0.1	50.4	36.3	78	-6	39.56	-10.77	71.0
St. John, New Brunswick				40.9		48.4	33.7	83	-19	39.08		92.8
Charlottetown, Prince Edward Island	29.85	29.89	-0.05	41.8	+0.8	48.7	34.6	84	-15	18.50	-23.12	84.8
Chatham, New Brunswick	29.81	29.84	-0.10	38.8	+0.1	49.2	28.4	91	-28	31.29	-10.00	112.0
Harrington Harbor, Quebec							26.7	66	-20	14.64		53.8
Anticosti (SW. Point), Quebec				35.8		40.8	30.9	72	-14	29.87		84.1
Father Point, Quebec	29.88	29.90	-0.03	32.5	-2.3	40.3	24.8	82	-22	34.61	+1.62	98.9
Quebec, Quebec	29.63	29.96	-0.02	39.3	+1.1	46.8	31.8	87	-26	44.82	+3.20	139.1
Montreal, Quebec	29.75	29.96	-0.03	42.0	+0.5	49.6	34.4	86	-23	46.61	+5.62	114.7
Doucet, Quebec				29.0		41.3	17.6	86	-56	38.32		141.0
Ottawa, Ontario	29.71	29.98	-0.02	42.0	+1.4	52.1	31.9	90	-28	34.29	+1.69	103.3
Kingston, Ontario	29.68	30.00	-0.01	43.2	+0.1	50.4	35.9	81	-23	32.81	0.00	35.0
Toronto, Ontario	29.59	30.01	-0.01	44.6	+0.4	53.0	36.3	90	-6	33.75	+0.03	76.5
Southampton, Ontario	29.27			41.4	-1.0	49.3	33.6	86	-11	38.16	+3.95	133.9
Parry Sound, Ontario	29.28	29.98	-0.02	39.9	-0.3	49.3	30.5	90	-30	38.75	+0.48	183.5
Cochrane, Ontario				31.2		41.3	21.2	88	-42	20.64		54.0
White River, Ontario	28.62	29.97	-0.01	30.1	-2.0	43.3	17.0	86	-57	22.10	-2.69	73.9
Port Arthur, Ontario	29.28	30.00	0.00	35.3	+0.9	43.5	27.1	89	-30	22.12	-2.64	23.7
Winnipeg, Manitoba	29.17	30.02	+0.02	35.2	+2.1	44.9	25.5	91	-31	18.81	-2.17	35.2
Minnedosa, Manitoba	28.16	30.02	+0.02	32.7	+1.1	42.9	22.5	89	-35	19.96	+3.51	88.6
The Pas, Manitoba				29.6		41.0	18.3	91	-40	13.49		39.6
Qu'Appelle, Saskatchewan	27.70	29.99	+0.01	35.1	+1.8	45.9	24.2	89	-34	16.45	+0.37	74.8
Moose Jaw, Saskatchewan				37.4		48.4	26.5	95	-36	12.86		36.0
Swift Current, Saskatchewan	27.41	29.97	0.00	38.1	+0.6	49.6	26.6	92	-36	16.73	+1.26	33.4
Medicine Hat, Alberta	27.64	29.92	-0.04	43.0	+2.7	54.7	31.4	103	-38	9.88	-3.92	44.8
Calgary, Alberta	26.39	30.00	+0.07	39.2	+2.0	52.7	25.8	92	-45	24.29	+9.42	98.7
Banff, Alberta	25.36	29.99	+0.06	35.5	+0.8	47.3	23.7	93	-54	20.83	-1.08	77.8
Prince Albert, Saskatchewan	28.43	30.03	+0.05	34.1	+3.6	45.5	22.7	93	-43	13.67	-1.24	31.9
Battleford, Saskatchewan	28.23	30.00	+0.03	36.0	+3.3	48.2	24.0	96	-41	10.38	-3.55	34.5
Edmonton, Alberta	27.64	29.95	+0.02	36.6	+1.0	47.6	25.5	98	-45	18.77	+2.94	67.9
Kamloops, British Columbia	28.75	30.06	+0.13	47.7	+0.6	57.9	37.6	101	-21	13.49	+1.86	58.0
Vancouver, British Columbia				50.1		57.2	43.0	90	8	52.52		12.5
Victoria, British Columbia	29.81	30.07	+0.07	49.7	+1.1	55.7	43.8	92	12	27.68	-10.46	0.7
Barkerville, British Columbia	25.62	29.95	+0.05	35.1	-1.1	43.8	26.5	78	-32	41.03	+7.47	203.9
Estevan Point, British Columbia				48.2		53.0	43.5	74	20	102.40		1.0
Prince Rupert, British Columbia				46.2		52.8	39.6	80	5	105.08		23.8
Atlin, British Columbia				31.6		38.9	24.3	80	-44	11.72		43.3
Dawson, Yukon				22.5		32.0	13.1	84	-54	12.17		52.2
Prospect Point, Bermuda	29.94	30.10	+0.01	69.6	-0.1	74.9	64.4	90	50	56.66	-5.25	0.0



Departure from Normal Temperature, in Degrees Fahrenheit, for the Crop Season of 1924, March 1 to September 30

Shaded portions show excess (+) and unshaded portions deficiency (-) of temperature

Figures show mean daily excess (+) or deficiency (-) of temperature over areas bounded by light lines



Total Precipitation, Inches, for the Crop Season of 1924, March 1 to September 30



Departure from Normal Precipitation for the Crop Season of 1924, March 1 to September 30
Shaded portions show excess (+) and unshaded portions deficiency (-) in precipitation.
Figures show, in inches, amount of excess or deficiency of precipitation over areas bounded by light lines



Total Precipitation, Inches, for the Year 1924



Occurrence of Tornadoes During the Year 1924
The arrows show the location of tornado paths, and point in the direction of storm motion



Occurrence of Moderately Heavy Hail, Doing Slight Damage Only, for the Warm Season of 1924, April 1 to September 30

The dots show the localities where moderately heavy hail fell, as reported by observers of the Weather Bureau and others



Occurrence of Heavy Hail, Doing Material Damage to Crops and Other Property, for the Warm Season of 1924, April 1 to September 30
The dots and lines show the localities where heavy hail fell, as reported by observers of the Weather Bureau and others

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 elevations."

Changes in the elevations of other instruments during 1924 are shown by the figures immediately below, and the dates of such changes are given under appropriate heading.

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, 1924); T = continuous records of temperature (on December 31, 1924); W = continuous records of wind (direction and velocity) (on December 31, 1924);	V = continuous records of wind (velocity only) (on December 31, 1924); R = continuous records of rainfall (on December 31, 1924); S = continuous records of sunshine (on December 31, 1924).
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Summary of stations in operation during the year

Taking two observations daily (all elements).....	172
Taking one observation daily (all elements).....	32
Taking two observations daily (temperature, rain, wind, and weather).....	41
Taking one observation daily (temperature, rain, wind, and weather).....	27
Taking one observation daily (special meteorological and cotton).....	1
Taking one observation daily (special meteorological and river).....	1
Taking one observation daily (special meteorological and storm warning).....	4
Taking one observation daily (cotton).....	83
Taking one observation daily (cotton and cattle).....	12
Taking one observation daily (sugar and rice).....	5
Taking one observation daily (cotton and river).....	30
Taking one observation daily (cotton and rainfall).....	41
Taking one observation daily (river).....	507
Taking one observation daily (rainfall).....	291
Taking one observation daily (sugar and rice and river).....	3
Taking one observation daily (corn and wheat).....	135
Taking one observation daily (corn and wheat and river).....	8
Taking one observation daily (corn and wheat and rainfall).....	36
Taking one observation daily (corn and wheat and fruit).....	1
Taking one observation daily (cranberry).....	11
Taking one observation daily (fruit).....	18
Taking one observation daily (fruit and river).....	1
Taking one observation daily (fruit and cotton).....	2
Taking one observation daily (cattle).....	38
Taking one observation daily (cattle and rainfall).....	11
Taking one observation daily (tobacco).....	5
Taking one observation daily (alfalfa and cattle).....	1
Snowfall.....	112
Snowfall and evaporation.....	2
Vessel.....	208
Storm warning.....	147
Total paid stations	1, 986
Cooperative stations (about)	1 4, 500
Grand total	6, 486

¹ Exclusive of the observers of the cattle, 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, 1924				Observations began	Dates of changes in elevation during 1924
				Barometer above sea	Thermometer above ground	Rain gage above ground	Anemometer above ground		
	° /	° /	h. m.	Feet	Feet	Feet	Feet		
Abilene, PTWRS	32 23	99 40	1 39 S.	1,738	10	3	52	Sept. 14, 1885	
Albany, PTWRS	42 39	73 45	06 F.	97	102	100	115	Dec. 22, 1873	
Alpena, PTWRS	45 05	83 30	34 S.	609	13	4	92	Sept. 10, 1872	
Amarillo, PTWRS	35 13	101 50	1 47 S.	3,676	10	3	49	Jan. 1, 1892	
Anniston, PTWRS	33 39	85 50	43 S.	741	9	3	57	Oct. 16, 1905	
Apalachicola, PTWRS	29 45	84 58	40 S.	36	42	32	49	July 21, 1913	
Asheville, PTWRS	35 36	82 32	30 S.	2,255	70	61	84	Aug. 22, 1902	
Atlanta, PTWRS	33 45	84 23	38 S.	1,174	190	182	216	Sept. 25, 1878	
Atlantic City, PTWRS	39 22	74 25	02 F.	52	37	33	172	Dec. 10, 1873	
Augusta, PTWRS	33 28	81 54	28 S.	182	62	54	77	Nov. 2, 1870	
Baker, PTWRS	44 46	117 50	2 51 S.	3,471	48	40	53	July 9, 1889	
Baltimore, PTWRS	39 17	76 37	06 S.	123	100	90	113	Jan. 1, 1871	
Bentonville, PTWRS ¹	36 22	94 12	1 17 S.	1,303	11	3	44	Mar. 16, 1906	
Binghamton, PTWRS	42 06	75 55	04 S.	871	10	3	84	Oct. 1, 1896	
Birmingham, PTWRS	33 32	86 50	47 S.	700	11	3	48	Sept. 14, 1895	
Bismarck, PTWRS	46 47	100 38	1 43 S.	1,674	8	3	57	Sept. 15, 1874	
Block Island, PTWRS	41 10	71 36	14 F.	26	11	3	46	Sept. 1, 1880	
Boise, PTWRS	43 37	116 13	2 45 S.	2,739	78	72	86	July 1, 1877	
Boston, PTWRS	42 21	71 04	16 F.	125	115	154	188	Nov. 1, 1870	
Broken Arrow, PTWRS	36 02	95 49	1 23 S.	765	11	4	56	May 12, 1918	
Brownsville, PTWRS	26 00	97 26	1 30 S.	57	53	45	61	Nov. 18, 1875	
Buffalo, PTWRS	42 53	78 53	16 S.	767	247	238	280	Nov. 1, 1870	
Burlington, PTWRS	44 29	73 12	07 F.	404	11	3	48	Mar. 29, 1906	
Cairo, PTWRS	37 00	89 10	57 S.	358	87	80	93	June 1, 1871	
Canton, PTWRS	44 36	75 10	01 S.	448	10	4	61	July 1, 1906	
Cape Henry, PTWRS	36 56	76 00	04 S.	18	8	3	54	Dec. 15, 1873	
Cape May, TW	38 56	74 51	01 F.	17	13	3	49	July 16, 1897	
Charles City, PTWRS	43 04	92 38	1 11 S.	1,015	10	4	49	Nov. 1, 1904	
Charleston, PTWRS	32 47	79 56	20 S.	48	11	76	92	Jan. 5, 1871	
Charlotte, PTWRS	35 13	80 51	23 S.	779	55	47	62	Oct. 6, 1878	
Chattanooga, PTWRS	35 04	85 14	41 S.	762	189	167	213	Sept. 12, 1875	
Cheyenne, PTWRS	41 08	104 48	1 59 S.	6,088	84	75	101	Nov. 1, 1870	
Chicago, PTWRS	41 53	87 37	50 S.	823	140	133	310	-----do-----	
Chicago University, PTWRS	41 47	87 35	50 S.	673	7	3	131	Jan. 1, 1916	
Cincinnati, PTWRS	39 06	84 30	38 S.	628	11	3	51	Nov. 1, 1870	
Cleveland, PTWRS	41 30	81 42	27 S.	762	190	165	201	-----do-----	
Columbia, Mo., PTWRS	38 57	92 20	1 09 S.	784	11	3	84	Aug. 21, 1889	
Columbia, S. C., PTWRS	34 00	81 03	24 S.	351	41	32	57	June 5, 1887	
Columbus, PTWRS	39 58	83 00	32 S.	824	179	171	222	July 1, 1878	
Concord, PTWRS	43 12	71 32	14 F.	288	70	62	79	Nov. 1, 1902	
Concordia, PTWRS	39 35	97 41	1 31 S.	1,392	50	42	58	May 1, 1885	
Corpus Christi, PTWRS	27 49	97 25	1 30 S.	20	11	63	73	Feb. 1, 1887	
Dallas, PTWRS	32 46	96 47	1 27 S.	512	109	92	117	Oct. 15, 1913	
Davenport, PTWRS	41 30	90 38	1 03 S.	606	71	64	79	May 24, 1871	
Dayton, PTWRS	39 46	84 10	37 S.	899	137	132	173	July 10, 1911	
Del Rio, PTWRS	29 20	100 53	1 44 S.	944	64	56	71	Nov. 9, 1905	
Denver, PTWRS	39 45	105 00	2 00 S.	5,292	106	98	113	Nov. 19, 1871	
Des Moines, PTWRS	41 35	93 37	1 14 S.	861	84	76	97	July 29, 1877	
Detroit, PTWRS	42 20	83 03	32 S.	730	218	214	258	Nov. 1, 1870	
Devils Lake, PTWRS	48 07	98 52	1 35 S.	1,478	11	4	44	Dec. 1, 1904	
Dodge City, PTWRS	37 45	100 00	1 40 S.	2,509	11	3	51	Sept. 15, 1874	
Drexel, PTWRS	41 20	96 16	1 25 S.	1,299	10	3	54	June 1, 1915	
Dubuque, PTWRS	42 30	90 44	1 03 S.	700	81	76	96	July 2, 1873	
Due West, PTWRS	34 21	82 22	29 S.	711	10	4	55	Oct. 12, 1920	
Duluth, PTWRS	46 47	92 06	1 08 S.	1,133	5	3	47	Nov. 1, 1870	
Eastport, PTWRS	44 54	66 59	32 F.	76	67	62	85	Apr. 1, 1873	
Elkins, PTWRS	38 53	79 49	19 S.	1,947	59	52	67	Jan. 1, 1899	
Ellendale, PTWRS	45 59	98 34	1 34 S.	1,457	10	3	56	Oct. 8, 1917	
El Paso, PTWRS	31 47	106 30	2 06 S.	3,762	110	102	133	Apr. 1, 1878	
Erie, PTWRS	42 07	80 05	20 S.	714	130	122	166	May 25, 1873	

¹ Summary for this station does not appear in Part III.

LIST OF OBSERVING STATIONS

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, 1924				Observations began	Dates of changes in elevation during 1924
				Barometer above sea	Thermometer above ground	Rain gauge above ground	Anemometer above ground		
			<i>h. m.</i>	<i>Feet</i>	<i>Feet</i>	<i>Feet</i>	<i>Feet</i>		
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	73	65	89	Jan. 1, 1887	
Evansville, P T W R S	37 58	87 33	50 S.	431	139	135	175	Dec. 1, 1897	
Flagstaff, P T W S ¹	35 12	111 37	2 26 S.	6,907	10	3	59	Sept. 9, 1898	
Fort Smith, P T W R S	35 22	94 24	1 18 S.	457	79	72	94	Apr. 13, 1879	
Fort 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.	327	89	82	98	Aug. 18, 1887	
Galveston, P T W R S	29 18	94 50	1 19 S.	54	106	98	114	Apr. 19, 1871	
Grand Haven, P T W R S	43 05	86 13	45 S.	632	54	49	89	May 24, 1871	
Grand Junction, P T W R S	39 04	108 34	2 14 S.	4,602	60	52	68	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	} Mar. 3, 1924
Greenville, P T W R S	34 50	82 24	30 S.	1,039	113	102	122	Oct. 6, 1917	
Groesbeck, P T W R S	31 30	96 28	1 26 S.	461	11	3	56	July 2, 1918	
Hannibal, P T W R S	39 41	91 20	1 05 S.	534	74	68	109	Apr. 16, 1892	
Harrisburg, P T W R S	40 16	76 52	07 S.	374	94	42	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	11	4	50	Dec. 1, 1880	
Havre, P T W R S	48 34	109 40	2 19 S.	2,505	11	4	44	May 16, 1892	
Helena, P T W R S	46 34	112 04	2 28 S.	4,110	87	80	112	Apr. 1, 1880	
Honolulu, P T W R S	21 19	157 52	5 31 S.	38	86	68	100	Sept. 1, 1904	
Houghton, P T W R S	47 07	88 34	54 S.	668	62	57	99	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	59	53	74	July 1, 1881	
Independence, P T W R S	36 48	118 12	2 53 S.	3,957	5	4	25	Dec. 1, 1894	
Indianapolis, P T W R S	39 46	86 10	45 S.	822	194	188	230	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 ¹	42 27	76 29	06 S.	836	5	4	100	Oct. 1, 1899	
Jacksonville, P T W R S	30 20	81 39	27 S.	43	209	198	245	Sept. 11, 1871	
Juneau, P T W R S	58 18	134 24	3 58 S.	80	11	4	54	Jan. 5, 1917	
Kalispell, P T W R S	48 10	114 25	2 38 S.	2,973	48	40	56	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 T 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	10	3	64	Nov. 1, 1870	
Knoxville, P T W R S	35 56	83 58	36 S.	996	102	96	111	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	
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	193	187	230	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 16	1 08 S.	357	136	129	144	Aug. 21, 1873	
Los Angeles, P T W R S	34 03	118 15	2 53 S.	338	159	151	191	July 1, 1879	
Louisville, P T W R S	38 15	85 45	43 S.	525	219	214	255	Sept. 11, 1871	} June 29, 1924
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	153	146	188	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 ¹	35 54	75 40	03 S.	12	5	3	42	Nov. 10, 1904	
Marquette, P T W R S	46 34	87 24	50 S.	734	77	70	111	May 11, 1871	
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	85	62	93	Sept. 1, 1889	
Miami, P T W R S	25 48	80 12	21 S.	25	71	64	79	June 3, 1911	
Miles City, P T W R S	46 25	105 49	2 03 S.	2,371	48	39	55	Oct. 1, 1891	
Milwaukee, P T W R S	43 02	87 54	52 S.	681	125	117	139	Nov. 1, 1870	
Minneapolis, P T W R S	44 59	93 18	1 13 S.	918	102	92	208	Nov. 6, 1890	
Mobile, P T W R S	30 41	88 02	52 S.	57	125	119	161	Nov. 7, 1870	
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	50	43	58	Jan. 31, 1881	
Nantucket, P T W R S	41 17	70 06	20 F.	12	14	4	90	Oct. 18, 1886	

¹ Summary for this station does not appear in Part III.

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, 1924				Observations began	Dates of changes in elevation during 1924
				Barometer above sea	Thermometer above ground	Rain gage above ground	Anemometer above ground		
				Feet	Feet	Feet	Feet		
Nashville, PTWRS.	36 10	86 47	47 S.	546	168	161	191	Nov. 1, 1870	
New Haven, PTWRS.	41 18	72 56	08 F.	106	74	68	153	Dec. 10, 1872	
New Orleans, PTWRS.	29 57	90 04	1 00 S.	53	76	71	84	Nov. 1, 1870	
New York, PTWRS.	40 43	74 00	04 F.	314	414	407	454	do.	
Norfolk, PTWRS.	36 51	76 17	05 S.	91	170	178	205	Jan. 1, 1871	
Northfield, PTWRS.	44 10	72 41	09 F.	876	12	3	60	Mar. 1, 1887	
North Head, PTWRS.	46 16	124 04	3 16 S.	211	11	3	56	Aug. 1, 1902	
North Platte, PTWRS.	41 08	100 45	1 43 S.	2, 821	11	3	51	Sept. 18, 1874	
Oklahoma City, PTWRS.	35 26	97 33	1 30 S.	1, 214	10	3	47	Nov. 1, 1890	
Omaha, PTWRS.	41 16	95 56	1 24 S.	1, 105	115	107	122	Nov. 1, 1870	
Oswego, PTWRS.	43 29	76 35	06 S.	335	76	68	91	do.	
Palestine, PTWRS.	31 45	95 40	1 23 S.	510	64	57	72	Dec. 3, 1881	
Parkersburg, PTWRS.	39 16	81 36	26 S.	637	77	68	82	July 1, 1888	
Pensacola, PTWRS.	30 25	87 13	49 S.	56	149	131	185	Oct. 27, 1879	
Peoria, PTWRS.	40 43	89 36	58 S.	609	11	4	45	Feb. 1, 1905	
Philadelphia, PTWRS.	39 57	75 09	01 S.	114	123	114	190	Jan. 1, 1871	
Phoenix, PTWRS.	33 28	112 00	2 28 S.	1, 108	{ 11	68	81	Aug. 6, 1895	} Sept. 4, 1924
					{ 10	56	82		
Pierre, PTWRS.	44 22	100 21	1 41 S.	1, 572	70	63	75	July 1, 1891	
Pittsburgh, PTWRS.	40 26	80 00	20 S.	842	353	345	410	Nov. 1, 1870	
Pocatello, PTWRS.	42 52	112 29	2 30 S.	4, 477	60	52	68	July 1, 1899	
Point Reyes, PWR.	38 11	122 51	3 11 S.	490	7	4	18	Mar. 1, 1889	
Port Angeles, PTWRS.	48 07	123 06	3 12 S.	29	8	3	53	Mar. 1, 1916	
Port Arthur, PTWRS.	29 52	93 55	1 16 S.	34	58	51	66	Feb. 1, 1917	
Port Huron, PTWRS.	43 00	82 26	30 S.	638	70	63	120	July 25, 1874	
Portland, Me., PTWRS.	43 39	70 15	19 F.	103	82	75	117	Jan. 15, 1871	
Portland, Oreg., PTWRS.	45 32	122 41	3 11 S.	153	68	63	106	Nov. 1, 1870	
Providence, PTWRS.	41 50	71 25	14 F.	160	215	211	251	Oct. 22, 1904	
Pueblo, PTWRS.	38 18	104 36	1 58 S.	4, 685	80	72	86	July 1, 1888	
Raleigh, PTWRS.	35 45	78 37	14 S.	376	103	94	110	Apr. 1, 1884	
Rapid City, PTWRS.	44 04	103 12	1 53 S.	3, 259	50	43	58	Jan. 24, 1881	
Reading, PTWRS.	40 20	75 58	04 S.	325	81	73	98	Dec. 1, 1912	
Red Bluff, PTWRS.	40 10	122 15	3 09 S.	332	50	40	56	July 1, 1877	
Reno, PTWRS.	39 32	119 49	2 59 S.	4, 532	74	67	81	Nov. 11, 1905	
Richmond, PTWRS.	37 32	77 27	10 S.	144	11	3	52	Oct. 5, 1897	
Rochester, PTWRS.	43 08	77 42	11 S.	523	86	77	102	Nov. 1, 1870	
Roseburg, PTWRS.	43 13	123 20	3 13 S.	510	9	4	57	July 15, 1877	
Roswell, PTWRS.	33 24	104 27	1 58 S.	3, 566	75	69	85	Dec. 20, 1904	
Royal Center, PTWRS.	40 53	86 29	46 S.	736	11	3	55	May 17, 1918	
Sacramento, PTWRS.	38 35	121 30	3 06 S.	69	106	100	117	July 1, 1877	
Saginaw, PTWRS.	43 26	83 57	36 S.	641	69	62	77	Oct. 10, 1912	
St. Joseph, PTWRS.	39 49	94 51	1 19 S.	967	11	3	49	Apr. 25, 1910	
St. Louis, PTWRS.	38 38	90 12	1 01 S.	568	265	258	303	Nov. 1, 1870	
St. Paul, PTWRS.	44 58	93 03	1 12 S.	837	236	228	261	do.	
Salt Lake City, PTWRS.	40 46	111 54	2 28 S.	4, 360	163	156	203	Mar. 19, 1874	
San Antonio, PTWRS.	29 27	98 28	1 34 S.	693	119	112	132	Jan. 2, 1876	
San Diego, PTWRS.	32 43	117 10	2 49 S.	87	62	55	70	Nov. 1, 1871	
Sand Key, PTWRS.	24 27	81 52	28 S.	23	39	6	72	June 1, 1903	
Sandusky, PTWRS.	41 25	82 40	31 S.	629	62	54	70	Aug. 2, 1877	
Sandy Hook, PTWRS.	40 28	74 01	04 F.	22	10	3	55	Nov. 1, 1914	
San Francisco, PTWRS.	37 48	122 26	3 10 S.	155	208	202	243	Feb. 2, 1871	
San Jose, PTWRS.	37 20	121 54	3 08 S.	141	12	3	110	Sept. 28, 1905	
San Juan, PTWRS.	18 29	66 07	36 F.	82	9	4	54	Nov. 1, 1898	
San Luis Obispo, PTWRS.	35 18	120 39	3 03 S.	201	32	23	40	June 1, 1885	
Sante Fe, PTWRS.	35 41	105 57	2 04 S.	7, 013	38	31	53	Nov. 20, 1871	
Sault Ste. Marie, PTWRS.	46 30	84 21	37 S.	614	11	3	52	Aug. 5, 1877	
Savannah, PTWRS.	32 05	81 05	24 S.	65	150	143	194	Jan. 1, 1871	
Scranton, PTWRS.	41 24	75 42	03 S.	805	111	102	119	Aug. 17, 1900	
Seattle, PTWRS.	47 38	122 20	3 09 S.	125	215	209	250	May 1, 1898	

LIST OF OBSERVING STATIONS

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, 1924				Observations began	Dates of changes in elevation during 1924
				Barometer above sea	Thermometer above ground	Rain gage above ground	Anemometer above ground		
	° ' "	° ' "	<i>h. m.</i>	<i>Feet</i>	<i>Fct</i>	<i>Feet</i>	<i>Feet</i>		
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	77	70	93	Sept. 3, 1871	
Sioux City, P T W R S	42 29	96 24	1 26 S.	1,135	94	86	164	Dec. 1, 1887	
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.	636	10	4	91	July 1, 1879	
Springfield, Mo., P T W R S	37 12	93 18	1 13 S.	1,324	98	66	104	June 3, 1882	
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.	194	172	165	201	May 1, 1897	
Tampa, P T W R S	27 57	82 27	30 S.	35	79	71	87	Mar. 13, 1890	
Tatoosh Island, P T W R S	48 23	124 44	3 19 S.	86	9	4	53	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	} May 16, 1924
Thomasville, P T W R S	30 48	83 58	36 S.	273	49	41	58	Aug. 20, 1905	
Toledo, P T W R S	41 40	83 34	34 S.	628	208	201	243	Nov. 1, 1870	
Tonopah, P T W R S ¹	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	92	83	107	June 1, 1887	
Trenton, P T W R S	40 14	74 45	01 F.	190	159	152	183	Apr. 1, 1913	} July 18, 1924
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	65	58	73	Sept. 10, 1871	
Walla Walla, P T W R S	46 02	118 20	2 53 S.	991	57	50	65	Dec. 1, 1885	
Washington, P T W R S	38 54	77 03	08 S.	112	62	42	85	Nov. 1, 1870	
Wausau, T R	44 57	89 35	58 S.	1,247	4	3		June 18, 1915	
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.	1,878	41	33	48	Nov. 24, 1893	
Wilmington, P T W R S	34 14	77 57	12 S.	78	81	76	91	Jan. 1, 1871	
Winnemucca, P T W R S	40 58	117 43	2 51 S.	4,344	18	6	56	July 1, 1877	
Wytheville, P T W R S	36 56	81 05	24 S.	2,304	49	40	55	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.	6,241	11	4	48	Dec. 2, 1903	
Yuma, P T W S	32 45	114 36	2 38 S.	141	9	2	54	Oct. 4, 1875	

ALASKAN STATIONS

Anchorage ¹	61 13	149 52	4 59 S.	135	5	3	73	Mar. 1, 1923	
Bethel ¹	61 43	161 47	5 47 S.	38	6	4		Aug. 22, 1923	
Cordova ¹	60 32	145 42	4 43 S.	43	4	3	45	Mar. 14, 1923	
Dutch Harbor	53 55	166 30	6 06 S.	13	4	3		Aug. 24, 1911	
Eagle	64 46	141 12	4 25 S.	815	4	3		Aug. 20, 1899	
Fairbanks ¹	64 51	147 52	4 51 S.	500				Mar. 1, 1923	
Fort Yukon ¹	66 34	145 18	4 41 S.		5	4		Sept. 18, 1923	
Juneau	58 18	134 24	3 58 S.	80	11	4	54	Jan. 5, 1917	
Kodiak	57 47	152 22	5 09 S.	15	6	3		Oct. 3, 1915	
Nome	64 30	165 24	6 02 S.	22	5	6	49	Apr. 1, 1907	
Noorvik ¹	66 50	161 00	5 44 S.	68		4		Oct. 16, 1917	
St. Paul Island ¹	57 15	170 10	6 21 S.	20	4	4		Sept. 12, 1917	
Sitka	57 04	135 20	4 01 S.	90	3	2		Mar. 26, 1881	
Tanana	65 10	152 06	5 08 S.	228	4	3		Sept. 8, 1909	

WEST INDIAN STATIONS

Barbados²									
Bridgetown ¹	13 04	59 37	1 02 F.	30	6	3	30	Aug. 15, 1898	
British Honduras									
Belize ¹	17 30	88 12	53 S.	17	5	3	46	Dec. 1, 1916	

¹ Summary for this station does not appear in Part III.
² Reports received during the hurricane season, June 1 to Nov. 15.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

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

WEST INDIAN STATIONS—continued

Stations	Latitude	Longitude	Local meridian time faster or slower than 75th meridian	Elevation Dec. 31, 1924				Observations began	Dates of changes in elevation during 1924
				Barometer above sea	Thermometer above ground	Rain gage above ground	Anemometer above ground		
Caribbean Sea ³									
Swan Islands ¹	17 24	83 17	h. m. 33 S.	Feet 35	Feet 5	Feet 4	Feet 58	June 1, 1914	
Cuba									
Guane ¹								June 15, 1918	
Santa Cruz del Sur ¹	20 48	78 27	14 S.					July 3, 1918	
Dominica ²									
Roseau ¹	15 17	61 23	54 F.	25				Oct. 20, 1898	
Haiti ²									
Port au Prince ¹	18 35	72 18	11 F.	124	16			Mar. 15, 1917	
Honduras ²									
Tela ¹	15 45	87 28	50 S.	13	6		139	Dec. 1, 1922	
Isle of Pines									
Nueva Gerona ¹	21 54	82 36	30 S.					Sept. 27, 1918	
Jamaica ²									
Kingston ¹	17 58	76 48	07 S.	24	48	51	63	Aug. 16, 1898	
Nicaragua ²									
Bluefields, V ¹	12 00	83 45	35 S.	17	4	3	26	Jan. 1, 1917	
Porto Rico									
San Juan, P T W R S	18 29	66 07	36 F.	82	9	4	54	Nov. 1, 1898	
St. Kitts ²									
Basseterre ¹	17 18	62 43	49 F.	30				Aug. 25, 1898	
St. Lucia ²									
Castries, V ¹	13 50	60 55	56 F.	319	6	3	{ 28 92	Aug. 16, 1917	} July 22, 1924
Santo Domingo ²									
Puerto Plata, V ¹	19 49	70 43	17 F.	27	6	3	30	Sept. 16, 1917	
Santo Domingo ¹	18 28	69 53	20 F.	57	6	3	60	Nov. 1, 1898	
Trinidad ²									
Port of Spain ¹	10 35	61 30	54 F.	40				Aug. 7, 1898	
Turks Island ²									
Grand Turk, P V ¹	21 21	71 07	16 F.	11	6	2	20	July 1, 1900	
Virgin Islands									
St. Thomas, V ¹	18 13	64 29	42 F.	27	17	18	21	July 1, 1917	

¹ Summary for this station does not appear in Part III.² Reports received during the hurricane season, June 1 to Nov. 15.

LIST OF OBSERVING STATIONS

TABLE II.—Changes in Weather Bureau stations during 1924

ESTABLISHED

Station	Date established	Station	Date established
CATTLE		RAINFALL—continued	
Barnum, Wyo.....	Mar. 1	Supply, Okla.....	Apr. 1
Bedford, Wyo.....	Do.	Tahlequah, Okla.....	July 1
Cedar City, Utah.....	Jan. 16	Timber, Oreg.....	Do.
Dixon, Wyo.....	Mar. 1	Walnut Grove, Miss.....	Apr. 1
Eden, Wyo.....	Do.	Willow Springs, Mo.....	July 1
Ogden, Utah.....	Jan. 16		
Price, Utah.....	Do.	RIVER	
CATTLE AND SNOWFALL		Ashton, S. Dak.....	May 1
Gamerco, N. Mex.....	Mar. 1	Bowling Green, Ky.....	July 1
CORN AND WHEAT		Brookville, Ind.....	Oct. 15
Bellefontaine, Ohio.....	Nov. 1	Corning, Ark.....	Nov. 1
Bowling Green, Ky.....	July 1	Delaware, Ohio.....	Aug. 1
Independence, Kans.....	Apr. 1	Edwardsport, Ind.....	Jan. 1
Maysville, Ky.....	Oct. 1	Elmdale, Kans.....	July 1
Winfield, Kans.....	Apr. 1	Gilbert, Ark.....	Do.
COTTON		Harrisburg, Oreg.....	Do.
Newbern, Tenn.....	Apr. 1	Munfordville, Ky.....	July 16
Stuttgart, Ark.....	July 1	Oswego, Kans.....	Apr. 1
Union City, Tenn.....	Apr. 1	Ozark Beach, Mo.....	July 1
COTTON AND CATTLE		Prestonburg, Ky.....	Dec. 16
Lubbock, Tex.....	Apr. 1	Vida, Oreg.....	Dec. 1
COTTON AND FRUIT		Wayne, W. Va.....	Dec. 16
Marianna, Fla.....	Jan. 1	SNOWFALL	
COTTON AND RAINFALL		Atlanta, Idaho.....	Dec. 1
Macon, Miss.....	Oct. 1	Grays Lake, Idaho.....	Oct. 1
Rochelle, Tex.....	Apr. 1	Paradise Inn, Wash.....	Dec. 1
Seymour, Tex.....	Do.	SPECIAL METEOROLOGICAL	
Warren, Ark.....	July 1	Fort Yukon, Alaska.....	Jan. 1
COTTON, RAINFALL, AND CATTLE		Independence, Calif.....	Dec. 1
San Angelo, Tex.....	Apr. 1	Navassa Island, W. I.....	Apr. 20
CRANBERRY		Tonopah, Nev.....	Jan. 1
Holliston, Mass.....	Apr. 16	STORM WARNING	
FROST		Crisfield, Md.....	Dec. 30
Hastings, Fla.....	June 25	VESSEL	
RAINFALL		Alegria (Honduran).....	Aug. 12
Ava, Mo.....	July 1	Baja California (Honduran).....	Aug. 25
Bayard, W. Va.....	Aug. 1	Calawaii (American).....	Feb. 1
Buffalo Mills, Pa.....	Do.	Canadian Inventor (Canadian).....	Do.
Clearmont, Mo.....	July 1	Carabobo (American).....	June 1
Concordia, Mo.....	Do.	City of Los Angeles (American).....	June 22
Double Branches, Ga.....	Nov. 1	Enterprise (American).....	Feb. 1
Frederick, Md.....	Aug. 1	Erviken (Norwegian).....	Do.
Green Hill, Ohio.....	Do.	Hans Hemsoth (German).....	July 1
Hancock, Md.....	Do.	Insonomia (Panama).....	Feb. 1
Holbrook, Ariz.....	Nov. 1	La Marea (British).....	June 1
Kermit, W. Va.....	Dec. 16	La Playa (British).....	Do.
Lyndon, Kans.....	July 1	Loch Tay (Norwegian).....	May 17
Marion, Kans.....	Do.	Makiki (American).....	June 4
Ness City, Kans.....	Do.	Mitra (British).....	Mar. 15
Prescott, Ariz.....	Nov. 1	Orowaiti (British).....	June 18
Sedan, Kans.....	Apr. 1	President Adams (American).....	Feb. 1
Shattuck, Okla.....	Do.	President Garfield (American).....	Mar. 1
Shenandoah, Va.....	Aug. 1	President Harrison (American).....	Jan. 14
		President Hayes (American).....	Feb. 1
		President Monroe (American).....	Nov. 22
		President Polk (American).....	Mar. 1
		President Van Buren (American).....	May 8
		Robert Dollar (Canadian).....	June 9
		Roxen (Swedish).....	Apr. 25
		Sheaf Mead (British).....	Mar. 1
		Sierra (American).....	July 1
		Tjikandi (Dutch).....	Mar. 1
		Wilhelm Hemsoth (German).....	May 15

TABLE II.—Changes in Weather Bureau stations during 1924—Continued

DISCONTINUED

Station	Date discontinued	Station	Date discontinued
CATTLE		RAINFALL—continued	
Green River, Wyo.....	Jan. 15	New Bremen, Ohio.....	Aug. 15
Lubbock, Tex.....	Mar. 31	New Carlisle, Ohio.....	Do.
Montpeher, Idaho.....	Jan. 15	Oxford, Ohio.....	Do.
Price, Utah.....	Oct. 31	Prattville, Calif.....	Sept. 30
San Angelo, Tex.....	Mar. 31	Princeton, Mo.....	Oct. 31
CATTLE AND SNOWFALL		Quincy, Calif.....	Sept. 30
Gibson, N. Mex.....	Feb. 29	St. Helen, Wash.....	Dec. 31
CORN AND WHEAT		St. Paris, Ohio.....	Aug. 20
Bowbells, N. Dak.....	May 20	Sheridan, Ark.....	Oct. 15
CORN, WHEAT, AND RAINFALL		Wapakoneta, Ohio.....	Aug. 15
Bellefontaine, Ohio.....	Oct. 31	West Manchester, Ohio.....	Aug. 15
Sedan, Kans.....	Mar. 31	White Haven, Pa.....	Dec. 31
CORN, WHEAT, AND RIVER		Winterset, Iowa.....	Oct. 31
Bowling Green, Ky.....	June 30	Yosemite Falls, Calif.....	Sept. 30
Maysville, Ky.....	Sept. 30	REGULAR	
Oswego, Kans.....	Mar. 31	Independence, Calif.....	Nov. 30
COTTON		RIVER	
Dyersburg, Tenn.....	Mar. 1	Blackwell, Mo.....	June 30
Macon, Miss.....	Sept. 30	Cochrane, Ala.....	Sept. 30
COTTON AND RAINFALL		Fort Dodge, Iowa.....	Dec. 31
Dumas, Ark.....	June 30	Henderson, Ky.....	Aug. 31
FRUIT		Hendrick's Bridge, Oreg.....	Nov. 30
Canon City, Colo.....	July 31	Miller, W. Va.....	Oct. 31
Danbury, Ohio.....	Do.	Penrose, N. C.....	Nov. 30
Jackson, Ohio.....	Do.	Tehama, Calif.....	Sept. 30
Marietta, Ohio.....	Do.	Topock, Ariz.....	Feb. 28
Ritta, Fla.....	Do.	RIVER AND FRUIT	
Wooster, Ohio.....	Do.	Delaware, Ohio.....	July 31
FRUIT AND RAINFALL		RIVER AND SPECIAL METEOROLOGICAL	
Green Hill, Ohio.....	July 31	Wenatchee, Wash.....	Dec. 31
RAINFALL		SNOWFALL	
Amity, Ark.....	Oct. 15	Boulder Mine, Idaho.....	Sept. 30
Ash Grove, Mo.....	Do.	Camp Seven, Calif.....	Aug. 31
Beegum, Calif.....	Sept. 30	Clealum Valley, Wash.....	Oct. 31
Big Trees, Calif.....	Do.	Cottonwood Creek, Idaho.....	Nov. 30
Bolivar, Mo.....	July 31	East Portal, Utah.....	Jan. 15
Buckeye Lake, Ohio.....	Oct. 31	Emigrant Gap, Calif.....	Oct. 31
Cascadia, Oreg.....	July 31	Ochoco, Oreg.....	Jan. 31
Corning, Ark.....	Oct. 31	Yampa, Colo.....	Jan. 15
Delta, Calif.....	Sept. 30	SPECIAL METEOROLOGICAL	
Dennison, Ohio.....	Oct. 31	Newark, N. J.....	June 30
Greenfield, Ohio.....	Apr. 30	McKinley Park, Alaska.....	July 15
Greenville, Ohio.....	Aug. 15	STORM WARNING	
Hardy, Ark.....	June 30	Clallam Bay, Wash.....	Oct. 31
Hollister, Mo.....	Dec. 31	Giesboro Point, D. C.....	Aug. 31
Hot Springs, Ariz.....	Oct. 31	Redondo, Calif.....	June 30
International Falls, Minn.....	July 31	TOBACCO	
Kayford, W. Va.....	Oct. 31	Soldiers Grove, Wis.....	Nov. 30
La Porte, Calif.....	Sept. 30	VESSEL	
Logan, Ohio.....	Aug. 16	Arakan (Dutch).....	Jan. 2
McKenzie Bridge, Oreg.....	Dec. 31	Bondowoso (Dutch).....	Do.
Madison, W. Va.....	Oct. 31	Columbia (American).....	Apr. 30
Madrid, Colo.....	Jan. 15	Ida (Panama).....	May 3
Mayer, Ariz.....	Oct. 31	Kangean (Dutch).....	Jan. 2
Medina, Ohio.....	Oct. 31	Orowaiti (British).....	Aug. 15
Montreat, N. C.....	Do.	Simaloer (Dutch).....	Jan. 2
Monticello, Miss.....	June 30	Tjileboet (Dutch).....	Do.
Nevada City, Calif.....	Sept. 30	Tjisalak (Dutch).....	Do.
		Yoro (Honduran).....	Aug. 3

SUNSHINE, 1924

The following table gives for 165 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 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, 1924

Station	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
Albany, N. Y.	137	47	162	52	219	59	218	54	187	41	233	51
Alpena, Mich.	72	25	134	44	192	52	215	53	216	47	258	55
Amarillo, Tex.	272	87	220	69	258	69	315	80	318	73	382	88
Anniston, Ala.	191	61	169	53	223	60	268	68	345	80	320	74
Apalachicola, Fla.	138	43	218	67	245	66	267	69	335	79	306	73
Asheville, N. C.	195	63	161	51	189	51	222	56	265	61	297	68
Atlanta, Ga.	155	49	167	52	209	56	232	59	310	72	324	75
Atlantic City, N. J.	183	60	178	57	230	62	247	62	265	60	257	58
Augusta, Ga.	188	59	211	66	256	69	262	67	322	75	294	69
Baker, Oreg.	90	31	139	46	213	57	272	67	317	69	310	67
Baltimore, Md.	194	64	180	58	230	62	242	61	228	51	235	53
Binghamton, N. Y.	71	24	101	33	101	27	186	46	120	27	209	46
Birmingham, Ala.	173	55	152	48	209	56	240	61	311	72	288	67
Bismarck, N. Dak.	163	58	174	58	174	47	156	38	234	50	233	49
Block Island, R. I.	139	47	170	55	222	60	249	62	245	55	273	60
Boise, Idaho.	85	29	195	64	277	75	296	73	401	88	388	84
Boston, Mass.	162	55	199	65	234	63	224	56	225	50	289	64
Broken Arrow, Okla.	185	60	175	55	235	63	290	74	330	76	343	79
Brownsville, Tex.	94	28	200	61	173	46	203	53	249	60	341	83
Buffalo, N. Y.	124	42	138	45	176	48	249	62	248	54	344	75
Burlington, Vt.	61	21	142	46	137	37	158	39	141	31	230	50
Canton, N. Y.	75	26	168	55	177	48	190	47	202	44	336	72
Charles City, Iowa.	194	66	163	53	157	42	262	65	234	52	244	53
Charleston, S. C.	139	44	210	66	239	64	258	66	329	76	322	75
Charlotte, N. C.	177	57	166	52	225	61	238	61	317	73	302	70
Chattanooga, Tenn.	166	53	132	42	157	42	202	51	269	62	270	62
Cheyenne, Wyo.	208	70	235	76	246	66	286	71	292	65	359	80
Chicago, Ill.	174	59	125	41	116	31	227	57	282	62	309	68
Chicago University, Ill.	170	58	126	41	125	34	225	56	263	58	278	61
Cincinnati, Ohio.	157	52	112	36	130	35	238	60	227	51	295	66
Cleveland, Ohio.	77	26	129	42	134	36	211	53	229	51	292	64
Columbia, Mo.	176	58	181	58	122	33	269	68	286	64	285	64
Columbus, Ohio.	133	44	84	27	112	30	240	60	244	55	282	63
Concordia, Kans.	216	72	194	62	188	51	290	73	301	67	346	77
Dallas, Tex.	205	64	152	47	222	60	262	67	303	70	381	89
Dayton, Ohio.	151	50	129	42	128	34	255	64	210	47	294	65
Del Rio, Tex.	145	44	181	56	242	65	250	65	237	56	308	74
Denver, Colo.	218	72	223	72	207	56	283	71	283	63	385	86
Des Moines, Iowa.	196	66	190	62	136	37	286	71	265	59	308	68
Detroit, Mich.	81	27	116	38	81	22	170	42	217	48	281	62
Devils Lake, N. Dak.	133	48	161	54	154	42	156	38	210	45	251	52
Dodge City, Kans.	241	79	215	68	225	61	297	75	315	71	357	81
Drexel, Nebr.	198	66	197	64	183	49	293	73	241	54	296	65
Dubuque, Iowa.	158	53	101	33	101	27	251	62	222	49	212	47
Due West, S. C.	186	59	186	58	252	68	253	65	285	66	277	64
Eastport, Me.	128	45	176	58	167	45	161	40	197	43	257	55
Elkins, W. Va.	137	45	90	29	144	39	182	46	166	37	201	45
Ellendale, N. Dak.	181	64	200	66	224	60	240	59	270	58	257	55
El Paso, Tex.	283	89	256	80	299	80	311	80	359	84	411	96
Erie, Pa.	38	13	93	30	106	29	166	41	180	40	232	51
Escanaba, Mich.	146	51	117	39	194	52	218	53	248	53	301	64
Eureka, Calif.	171	57	134	43	256	69	308	77	286	64	313	69
Evansville, Ind.	170	55	137	44	152	41	265	67	248	56	298	67
Fort Smith, Ark.	167	53	145	46	197	53	254	65	318	73	318	73
Fort Wayne, Ind.	137	46	138	45	121	33	199	50	179	40	170	38

Sunshine, 1924—Continued

Station	July		August		September		October		November		December		Annual	
	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	Hours	Per-centage of possible
Albany, N. Y.	281	61	256	59	170	45	232	68	146	50	86	31	2,327	52
Alpena, Mich.	274	58	209	48	140	37	216	64	44	15	36	13	2,007	43
Amarillo, Tex.	347	79	341	82	326	88	292	83	270	87	195	64	3,536	79
Anniston, Ala.	328	75	330	80	220	59	315	90	245	78	154	50	3,109	69
Apalachicola, Fla.	276	64	324	79	225	61	259	73	271	85	152	48	3,017	67
Asheville, N. C.	220	49	258	62	154	41	268	77	224	73	162	54	2,616	59
Atlanta, Ga.	322	73	339	82	183	49	301	86	246	79	152	49	2,940	65
Atlantic City, N. J.	312	69	275	65	191	51	297	86	182	60	130	44	2,747	61
Augusta, Ga.	282	64	314	76	182	49	300	85	262	84	158	51	3,032	68
Baker, Oreg.	329	70	296	68	220	59	115	34	113	39	88	32	2,501	53
Baltimore, Md.	316	70	292	69	195	52	280	81	183	61	128	44	2,703	60
Binghamton, N. Y.	254	55	185	43	134	36	190	55	114	39	61	21	1,724	38
Birmingham, Ala.	334	76	302	73	218	59	291	83	254	81	174	57	2,946	66
Bismarek, N. Dak.	379	79	282	64	238	63	193	57	122	43	113	42	2,460	54
Block Island, R. I.	293	64	273	64	233	62	260	76	139	47	101	35	2,598	57
Boise, Idaho.	428	91	394	91	296	79	176	52	154	53	110	40	3,200	68
Boston, Mass.	347	75	275	64	222	59	251	73	171	58	122	43	2,723	60
Broken Arrow, Okla.	332	75	337	81	302	81	309	89	235	76	172	57	3,246	72
Brownsville, Tex.	358	85	376	93	260	70	260	73	238	73	97	30	2,849	63
Buffalo, N. Y.	357	77	275	64	184	49	214	63	115	39	38	13	2,463	53
Burlington, Vt.	210	45	213	49	118	31	189	55	95	33	49	18	1,742	38
Canton, N. Y.	311	66	274	63	170	45	223	66	92	32	54	20	2,273	49
Charles City, Iowa.	311	67	298	69	220	59	265	78	141	48	117	42	2,605	58
Charleston, S. C.	303	69	310	75	215	58	226	64	256	82	165	53	2,974	66
Charlotte, N. C.	276	63	358	86	193	52	308	88	237	76	155	51	2,953	66
Chattanooga, Tenn.	278	63	323	78	201	54	275	78	196	63	137	45	2,605	58
Cheyenne, Wyo.	348	76	316	74	274	73	242	70	227	76	155	54	3,187	71
Chicago, Ill.	350	76	268	62	235	63	287	84	172	58	140	49	2,685	59
Chicago University, Ill.	848	75	289	67	223	59	285	83	170	58	142	50	2,645	58
Cincinnati, Ohio.	320	71	316	75	197	53	293	85	135	45	110	37	2,530	56
Cleveland, Ohio.	362	78	317	74	188	50	258	75	127	43	46	16	2,370	51
Columbia, Mo.	306	68	321	76	238	64	287	83	213	71	156	53	2,840	63
Columbus, Ohio.	347	76	335	79	195	52	294	85	150	50	83	29	2,500	54
Concordia, Kans.	377	83	349	82	269	72	268	78	234	78	148	51	3,179	70
Dallas, Tex.	370	85	376	91	392	79	326	93	214	68	142	46	3,244	72
Dayton, Ohio.	365	80	340	80	226	61	298	86	140	47	104	36	2,640	58
Del Rio, Tex.	320	75	382	94	241	65	260	73	206	64	103	32	2,876	64
Denver, Colo.	358	79	318	75	282	75	264	77	248	83	150	51	3,218	72
Des Moines, Iowa.	351	76	286	67	226	60	268	78	169	57	146	51	2,826	63
Detroit, Mich.	341	74	308	72	192	51	232	68	120	41	65	23	2,205	47
Devils Lake, N. Dak.	332	69	299	68	201	53	212	63	124	45	103	39	2,335	51
Dodge City, Kans.	364	81	345	82	296	79	277	80	251	83	159	54	3,342	74
Drexel, Nebr.	350	76	286	67	212	57	216	63	165	56	121	42	2,759	61
Dubuque, Iowa.	298	65	243	57	210	56	255	74	139	47	119	42	2,308	51
Due West, S. C.	279	63	295	71	171	46	288	82	244	78	146	48	2,862	64
Eastport, Me.	278	59	197	45	172	46	208	61	136	47	125	46	2,202	49
Elkins, W. Va.	249	55	246	58	158	42	237	68	127	42	108	37	2,045	45
Ellendale, N. Dak.	413	87	319	73	216	57	237	70	150	53	143	53	2,850	63
El Paso, Tex.	322	74	336	82	341	92	318	90	278	88	164	52	3,680	82
Erte, Pa.	260	56	277	65	196	52	249	72	102	35	23	8	1,922	41
Escanaba, Mich.	307	65	264	60	219	58	236	70	121	43	116	43	2,485	54
Eureka, Calif.	317	69	187	44	204	54	189	55	145	49	108	37	2,616	57
Evansville, Ind.	344	77	347	82	289	77	310	89	160	53	129	44	2,850	63
Fort Smith, Ark.	327	74	307	74	269	72	313	89	202	65	172	56	2,989	66
Fort Wayne, Ind.	283	62	277	65	138	37	249	72	128	43	108	38	2,129	47

Sunshine, 1924—Continued

Station	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
Fresno, Calif.....	205	66	254	81	271	73	342	87	422	96	437	99
Galveston, Tex.....	151	46	195	60	210	56	177	46	280	66	336	80
Grand Haven, Mich.....	40	14	125	41	145	39	217	54	231	51	297	65
Grand Junction, Colo.....	234	77	198	64	184	50	291	73	333	75	408	92
Grand Rapids, Mich.....	89	30	136	44	177	48	261	65	247	54	302	66
Green Bay, Wis.....	172	60	111	37	192	52	226	56	242	52	276	59
Greenville, S. C.....	185	59	181	57	244	66	234	60	290	67	289	67
Groesbeck, Tex.....	166	52	132	41	180	48	211	54	264	62	329	77
Harrisburg, Pa.....	123	41	173	56	226	61	241	60	245	55	243	54
Havre, Mont.....	125	46	131	44	176	48	218	53	291	61	317	66
Helena, Mont.....	119	43	177	59	189	51	202	50	329	70	317	67
Honolulu, Hawaii.....	255	75	186	56	226	60	170	44	247	61	214	53
Houston, Tex.....	166	51	154	48	206	55	218	56	289	68	360	85
Huron, S. Dak.....	222	77	232	76	284	77	310	77	300	65	304	66
Independence, Calif.....	286	93	283	90	299	81	351	89	398	91	432	98
Indianapolis, Ind.....	164	54	120	39	108	29	244	61	254	57	286	64
Jacksonville, Fla.....	151	47	232	72	250	67	273	70	326	77	288	68
Juneau, Alaska.....	24	11	34	12	82	23	76	18	153	29	301	55
Kalispell, Mont.....	140	51	131	44	196	53	244	59	384	82	325	68
Kansas City, Mo.....	188	62	197	63	210	57	307	77	302	68	334	75
Key West, Fla.....	125	38	202	61	296	79	337	88	332	80	331	81
Knoxville, Tenn.....	174	56	126	40	190	51	213	54	252	58	277	63
LaCrosse, Wis.....	194	67	150	49	183	49	222	55	230	50	232	50
Lander, Wyo.....	125	43	153	50	180	49	184	46	283	62	346	75
Lansing, Mich.....	111	38	149	49	174	47	268	66	295	65	303	66
Lexington, Ky.....	136	45	66	21	112	30	174	44	164	37	192	43
Little Rock, Ark.....	159	51	140	44	203	55	257	65	279	64	299	69
Los Angeles, Calif.....	279	88	264	83	267	72	227	58	279	65	345	80
Louisville, Ky.....	165	54	160	51	156	42	270	68	240	54	260	59
Ludington, Mich.....	84	29	134	44	163	44	224	55	259	56	296	64
Lynchburg, Va.....	174	57	169	54	215	58	241	61	288	66	274	62
Macon, Ga.....	182	57	211	66	264	71	280	72	351	82	338	79
Madison, Wis.....	154	52	123	40	130	35	202	50	239	52	237	52
Marquette, Mich.....	98	35	96	32	133	36	202	49	228	49	296	62
Memphis, Tenn.....	203	65	200	63	217	58	229	58	263	61	278	64
Meridian, Miss.....	185	58	185	58	233	63	234	60	289	68	314	74
Miami, Fla.....	168	51	253	77	304	82	294	76	306	73	295	72
Miles City, Mont.....	172	61	142	47	164	44	172	42	308	66	286	61
Milwaukee, Wis.....	187	64	129	42	169	46	242	60	234	52	301	66
Minneapolis, Minn.....	190	66	185	61	177	48	243	60	299	65	284	61
Mobile, Ala.....	188	58	219	68	192	52	245	63	323	76	286	67
Modena, Utah.....	270	88	239	76	236	64	324	82	352	80	417	94
New Haven, Conn.....	203	68	209	68	242	65	246	61	236	53	276	61
New Orleans, La.....	170	52	188	58	232	62	241	62	332	78	317	75
New York, N. Y.....	182	61	165	53	217	59	249	62	221	49	234	52
Norfolk, Va.....	178	58	197	63	235	63	255	65	279	64	257	58
Northfield, Vt.....	114	39	194	64	178	48	186	46	193	42	288	62
North Head, Wash.....	57	20	134	44	243	66	272	67	218	47	164	35
North Platte, Nebr.....	210	70	185	60	178	48	296	74	293	65	342	76
Oklahoma City, Okla.....	206	66	156	49	215	58	251	64	279	64	322	74
Omaha, Nebr.....	191	64	193	62	202	55	331	83	305	68	330	73
Parkersburg, W. Va.....	116	38	105	34	153	41	324	56	222	50	288	65
Pensacola, Fla.....	166	51	191	59	238	64	268	69	332	78	278	66
Peoria, Ill.....	169	57	155	50	105	28	244	61	230	51	265	59
Philadelphia, Pa.....	175	58	191	61	252	68	240	60	262	59	282	63

Sunshine, 1924—Continued

Station	July		August		September		October		November		December		Annual	
	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	Hours	Per-centage of possible
Fresno, Calif.	445	100	416	99	368	99	309	89	254	83	128	43	3,853	85
Galveston, Tex.	369	86	323	79	308	83	314	88	248	77	104	33	3,015	67
Grand Haven, Mich.	321	69	281	65	206	55	266	78	91	31	32	11	2,253	48
Grand Junction, Colo.	360	80	357	84	302	81	232	67	255	85	149	51	3,304	73
Grand Rapids, Mich.	346	74	270	63	182	49	216	63	69	24	26	9	2,321	49
Green Bay, Wis.	300	64	292	67	213	57	251	74	117	41	153	56	2,545	56
Greenville, S. C.	282	64	316	76	204	55	303	87	258	83	181	59	2,966	67
Groesbeck, Tex.	322	74	313	76	258	69	289	82	205	65	124	39	2,792	62
Harrisburg, Pa.	305	67	291	68	195	52	270	78	170	57	91	31	2,574	57
Havre, Mont.	415	85	339	76	259	69	216	65	135	49	80	31	2,703	58
Helena, Mont.	365	76	342	78	253	67	173	51	118	42	75	28	2,661	57
Honolulu, Hawaii	249	61	280	70	238	65	199	55	174	52	211	63	2,648	60
Houston, Tex.	391	91	353	86	295	80	272	77	226	71	111	35	3,041	67
Huron, S. Dak.	395	84	343	79	233	62	228	67	158	55	108	39	3,118	69
Independence, Calif.	415	93	401	96	342	92	294	85	242	79				
Indianapolis, Ind.	337	74	314	74	222	59	297	86	182	61	124	43	2,651	58
Jacksonville, Fla.	254	59	329	80	233	63	156	44	250	78	151	47	2,891	64
Juneau, Alaska	89	16	131	27	52	13	43	13	65	27	95	47	1,144	24
Kalispell, Mont.	394	81	324	73	257	68	191	57	80	29	78	30	2,743	58
Kansas City, Mo.	364	80	356	84	293	79	298	86	233	77	169	58	3,252	72
Key West, Fla.	337	80	320	80	291	79	216	60	258	79	264	80	3,309	74
Knoxville, Tenn.	242	54	288	69	174	47	287	82	168	54	147	49	2,538	56
LaCrosse, Wis.	340	73	285	66	190	51	261	77	136	47	144	52	2,565	57
Lander, Wyo.	360	77	334	77	244	65	173	51	202	69	150	53	2,736	60
Lansing, Mich.	348	75	318	74	215	57	274	80	124	43	108	39	2,687	58
Lexington, Ky.	261	58	264	63	166	45	235	68	98	32	122	41	1,990	44
Little Rock, Ark.	324	73	326	78	253	68	302	86	172	55	163	54	2,878	64
Los Angeles, Calif.	356	81	328	79	306	82	257	73	266	85	199	65	3,374	76
Louisville, Ky.	344	77	315	75	198	53	288	83	121	40	123	42	2,639	58
Ludington, Mich.	333	71	292	67	209	56	283	83	91	32	33	12	2,400	51
Lynchburg, Va.	322	72	316	75	179	48	279	80	169	55	150	50	2,777	62
Macon, Ga.	345	79	368	89	243	66	309	88	275	88	168	54	3,335	74
Madison, Wis.	317	68	286	66	183	49	255	75	126	43	113	40	2,365	52
Marquette, Mich.	276	58	270	61	193	51	180	53	86	31	83	31	2,139	46
Memphis, Tenn.	306	69	313	75	248	67	312	89	180	58	159	52	2,909	65
Meridian, Miss.	358	83	317	77	257	69	314	89	250	79	138	44	3,075	68
Miami, Fla.	305	72	297	74	248	67	214	60	232	71	242	74	3,158	71
Miles City, Mont.	369	78	338	77	270	72	200	59	158	55	106	40	2,684	58
Milwaukee, Wis.	344	74	298	69	231	62	258	76	140	48	127	45	2,659	59
Minneapolis, Minn.	351	74	281	64	190	51	232	68	129	45	130	48	2,690	59
Mobile, Ala.	361	84	354	86	289	78	279	79	211	67	143	45	3,089	69
Modena, Utah	374	83	394	93	328	88	299	86	260	86	209	71	3,702	83
New Haven, Conn.	325	71	277	65	221	59	296	86	194	65	139	48	2,864	64
New Orleans, La.	350	81	314	77	284	77	286	81	231	72	105	33	3,051	67
New York, N. Y.	318	69	299	70	237	63	301	88	202	68	152	53	2,779	62
Norfolk, Va.	293	65	326	78	176	47	281	81	200	66	150	50	2,828	63
Northfield, Vt.	304	65	266	61	177	47	228	67	112	39	76	27	2,317	51
North Head, Wash.	208	44	108	25	170	45	122	36	121	43	86	32	1,004	42
North Platte, Nebr.	395	86	344	81	259	69	250	73	209	70	131	46	3,094	68
Oklahoma City, Okla.	289	65	260	62	309	83	285	81	237	76	150	49	2,957	66
Omaha, Nebr.	375	82	334	78	268	72	262	76	187	63	124	43	3,102	68
Parkersburg, W. Va.	330	73	303	71	169	45	233	67	98	32	78	27	2,319	50
Pensacola, Fla.	332	77	354	87	255	69	290	82	272	85	116	37	3,092	69
Peoria, Ill.	338	74	303	71	228	60	288	84	165	55	145	50	2,634	58
Philadelphia, Pa.	363	80	280	66	178	48	284	82	179	60	99	34	2,785	62

Sunshine, 1924—Continued

Station	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
Phoenix, Ariz.....	317	100	318	99	319	86	345	88	424	99	420	98
Pittsburgh, Pa.....	109	37	137	44	156	42	232	58	224	50	308	68
Pocatello, Idaho.....	149	51	178	58	217	58	298	74	412	91	396	86
Port Angeles, Wash.....	51	19	74	25	191	52	234	57	253	54	223	47
Port Arthur, Tex.....	160	49	162	50	212	57	161	42	265	63	310	74
Port Huron, Mich.....	88	30	149	48	135	37	184	46	212	47	298	65
Portland, Me.....	193	67	219	72	228	62	226	56	235	51	305	66
Portland, Oreg.....	70	25	76	25	153	41	241	59	292	63	316	87
Providence, R. I.....	200	68	197	64	244	66	249	62	229	51	285	63
Pueblo, Colo.....	239	78	222	71	204	55	281	71	288	65	363	82
Raleigh, N. C.....	171	55	172	54	214	58	243	62	316	72	271	62
Rapid City, S. Dak.....	170	59	200	66	193	52	225	56	279	61	288	62
Reading, Pa.....	146	48	156	50	235	63	254	64	231	52	231	51
Richmond, Va.....	184	60	167	53	244	66	276	70	309	70	255	58
Rochester, N. Y.....	115	39	147	48	180	49	253	63	248	55	330	72
Roswell, N. Mex.....	295	93	221	69	281	76	285	73	291	68	380	89
Royal Center, Ind.....	152	51	116	37	102	28	159	40	128	28	174	38
Sacramento, Calif.....	192	63	229	73	268	72	347	87	430	97	433	97
Saginaw, Mich.....	93	32	128	42	138	37	225	56	263	58	300	65
St. Joseph, Mo.....	174	58	182	58	166	45	282	71	272	61	313	70
St. Louis, Mo.....	130	43	160	51	116	31	237	60	197	44	186	42
St. Paul, Minn.....	185	65	190	63	165	45	215	53	281	61	295	63
Salt Lake City, Utah.....	137	46	174	56	192	52	302	75	366	82	425	94
San Antonio, Tex.....	179	55	182	56	246	66	258	67	236	56	273	65
San Diego, Calif.....	283	89	276	86	275	74	242	62	261	61	302	70
Sandy Hook, N. J.....	182	61	172	55	231	62	251	63	254	57	279	62
San Francisco, Calif.....	201	66	213	68	277	75	288	73	303	69	317	72
San Jose, Calif.....	238	77	223	71	267	72	292	74	390	89	401	91
San Juan, Porto Rico.....	279	80	228	68	312	83	297	79	317	79	318	79
San Luis Obispo, Calif.....	250	80	256	81	298	80	268	68	335	77	356	82
Santa Fe, N. Mex.....	284	91	221	70	222	60	288	73	309	71	369	84
Sault Ste. Marie, Mich.....	54	19	138	46	179	48	247	61	234	51	309	66
Savannah, Ga.....	149	46	205	64	231	62	232	60	312	73	290	68
Seattle, Wash.....	50	18	108	36	179	48	225	55	190	61	272	57
Sheridan, Wyo.....	162	57	167	55	185	50	211	52	268	58	300	64
Sloux City, Iowa.....	199	67	189	62	176	48	285	71	259	57	269	59
Spokane, Wash.....	91	33	153	51	242	66	331	81	424	90	403	84
Springfield, Ill.....	173	58	168	54	113	30	259	65	218	49	274	61
Springfield, Mo.....	168	55	166	53	164	44	249	63	245	56	286	65
Tacoma, Wash.....	28	10	40	13	108	29	159	39	218	47	140	30
Tampa, Fla.....	114	35	203	62	254	68	282	73	324	77	286	69
Terre Haute, Ind.....	163	54	129	41	100	27	211	53	200	45	240	54
Toledo, Ohio.....	89	30	101	33	98	27	211	53	243	54	264	58
Trenton, N. J.....	186	62	177	57	252	68	262	66	241	54	242	54
Vicksburg, Miss.....	190	60	164	51	246	66	244	63	306	71	368	86
Walla Walla, Wash.....	86	30	142	47	219	59	274	67	406	88	359	76
Washington, D. C.....	181	60	163	52	231	62	251	63	244	55	257	58
Wichita, Kans.....	195	64	187	60	208	56	272	69	315	71	326	74
Williston, N. Dak.....	153	56	126	42	200	54	188	46	314	67	277	58
Wilmington, N. C.....	171	54	208	65	224	60	265	68	331	77	275	64
Winnemucca, Nev.....	197	66	211	68	213	57	331	83	404	90	421	93
Wytheville, Va.....	154	50	91	29	156	42	203	52	224	51	238	54
Yankton, S. Dak.....	172	59	164	53	164	44	266	66	252	55	265	58
Yellowstone Park, Wyo.....	130	45	176	58	210	57	190	47	304	66	286	61
Yuma, Ariz.....	314	99	316	99	350	94	361	92	426	99	426	100

Sunshine, 1924—Continued

Station	July		August		September		October		November		December		Annual	
	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	Hours	Per-centage of possible
Phoenix, Ariz.....	343	78	386	93	335	90	342	97	290	92	226	73	4,064	91
Pittsburgh, Pa.....	367	80	336	79	199	53	265	77	140	47	62	22	2,535	55
Pocatello, Idaho.....	362	78	370	86	286	76	186	55	168	57	79	28	3,100	66
Port Angeles, Wash.....	323	67	250	56	233	62	104	31	37	13	95	36	2,068	43
Port Arthur, Tex.....	379	88	297	73	308	83	313	88	246	77	102	32	2,915	65
Port Huron, Mich.....	316	68	237	55	182	49	224	65	101	35	64	23	2,189	47
Portland, Me.....	368	79	283	65	250	67	252	74	154	53	140	51	2,854	64
Portland, Oreg.....	381	80	276	63	242	64	107	32	90	32	86	32	2,331	49
Providence, R. I.....	334	72	273	64	223	60	270	79	183	62	164	58	2,852	64
Pueblo, Colo.....	332	74	337	80	320	86	268	77	249	82	183	62	3,286	74
Raleigh, N. C.....	284	64	317	76	201	54	294	84	219	71	157	52	2,861	64
Rapid City, S. Dak.....	362	77	311	72	285	76	250	73	200	69	160	58	2,923	65
Reading, Pa.....	308	68	310	73	206	55	290	84	169	56	122	42	2,657	59
Richmond, Va.....	296	66	299	71	150	40	281	81	169	56	130	44	2,760	61
Rochester, N. Y.....	381	82	324	75	204	55	236	69	156	54	60	21	2,635	57
Roswell, N. Mex.....	328	75	309	75	332	89	308	87	289	92	239	77	3,558	80
Royal Center, Ind.....	295	64	286	67	168	45	298	86	159	53	83	29	2,119	47
Sacramento, Calif.....	441	97	417	99	367	98	254	74	212	70	97	33	3,687	80
Saginaw, Mich.....	361	78	319	74	220	59	271	79	129	44	81	29	2,529	54
St. Joseph, Mo.....	347	76	322	76	245	66	263	76	219	73	134	46	2,918	65
St. Louis, Mo.....	260	57	309	73	203	54	236	68	158	53	119	40	2,311	51
St. Paul, Minn.....	338	72	303	70	199	53	223	66	127	44	137	50	2,656	59
Salt Lake City, Utah.....	409	89	390	91	298	80	185	54	177	60	140	49	3,196	69
San Antonio, Tex.....	334	78	337	83	260	70	277	78	209	65	93	29	2,885	64
San Diego, Calif.....	296	68	259	63	295	80	245	70	231	74	184	59	3,150	71
Sandy Hook, N. J.....	344	76	314	74	249	67	295	86	187	62	126	43	2,884	64
San Francisco, Calif.....	346	77	229	54	313	84	265	76	217	71	183	62	3,152	71
San Jose, Calif.....	410	92	350	83	320	86	250	72	217	71	137	46	3,497	77
San Juan, Porto Rico.....	322	79	299	76	283	77	274	75	210	62	260	76	3,392	76
San Luis Obispo, Calif.....	345	78	324	78	320	86	273	78	248	80	203	67	3,476	78
Santa Fe, N. Mex.....	310	70	329	79	323	87	291	83	246	80	184	61	3,376	76
Sault Ste. Marie, Mich.....	296	62	240	55	209	56	208	61	53	19	46	17	2,213	47
Savannah, Ga.....	280	64	342	83	178	48	220	63	246	78	152	48	2,837	63
Seattle, Wash.....	342	71	253	57	239	63	122	36	86	31	72	27	2,237	47
Sheridan, Wyo.....	365	77	350	80	241	64	172	51	179	62	128	47	2,729	60
Sioux City, Iowa.....	369	80	316	74	239	64	268	78	181	61	142	50	2,892	64
Spokane, Wash.....	402	83	327	74	278	74	158	47	74	27	99	38	2,983	62
Springfield, Ill.....	318	70	317	75	247	66	296	86	158	53	164	56	2,704	60
Springfield, Mo.....	307	69	333	79	254	68	287	82	213	70	150	50	2,822	63
Tacoma, Wash.....	170	35	184	42	150	40	83	25	51	18	67	25	1,397	29
Tampa, Fla.....	225	53	293	72	234	63	172	48	271	84	178	55	2,837	63
Terre Haute, Ind.....	322	71	311	73	225	60	294	85	168	56	129	44	2,494	55
Toledo, Ohio.....	351	76	298	70	182	48	265	77	153	52	92	32	2,347	51
Trenton, N. J.....	335	74	302	71	199	53	278	81	190	64	134	46	2,798	62
Vicksburg, Miss.....	398	92	372	90	330	89	318	90	202	64	140	45	3,277	72
Walla Walla, Wash.....	402	85	377	86	284	76	182	54	61	21	70	26	2,863	60
Washington, D. C.....	321	71	313	74	169	45	276	80	145	48	117	40	2,668	59
Wichita, Kans.....	350	78	316	75	284	76	268	77	224	74	151	51	3,098	69
Williston, N. Dak.....	372	77	323	73	255	67	220	65	136	49	121	46	2,683	58
Wilmington, N. C.....	291	66	292	70	217	58	284	81	236	76	142	46	2,937	65
Winnemucca, Nev.....	427	93	396	93	339	91	226	66	194	65	148	52	3,508	76
Wytheville, Va.....	215	48	260	62	156	42	280	80	157	51	142	47	2,277	51
Yankton, S. Dak.....	350	75	287	67	219	58	228	67	167	57	110	39	2,644	58
Yellowstone Park, Wyo.....	328	70	333	77	237	63	134	39	133	46	91	33	2,552	55
Yuma, Ariz.....	416	95	412	100	344	93	342	97	305	97	256	83	4,268	96

EXCESSIVE RAINFALL, 1924

The following table contains statistics of excessive rainfall during the calendar year 1924. Similar data for the years 1896 to 1923, inclusive, have been presented in the appropriate annual reports of the Chief of the Weather Bureau. The published data prior to 1896 consist of a record of maximum amounts of rainfall in 5 and 10 minute periods, 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 gauges.

The following table shows, for most stations of the Weather Bureau furnished with self-registering gauges, the accumulated amounts of precipitation for each 5 minutes during all storms of 1924 in which the rate of fall equaled or exceeded 0.25 inch in any 5-minute period, or 0.30 inch in any 10-minute period, or 0.35 inch in any 15-minute period, etc. If the period be 1 hour, the minimum fall would need to be 0.80 inch; if 2 hours, 1.40 inches. In the comparatively few cases when the excessive rate of fall continued for more than 2 hours, the record has been spread over three or more lines, as necessary, each line showing amounts through 50 minutes; the four left-hand columns have each but a single entry for the storm, while the amounts shown in the column headed "5 min." are, in reality, the 55-minute amount on the second line, the 105-minute amount on the third line, etc.

The excepted stations, for which the statistics only of the more intense storms appear here, are those in the South Atlantic and the Gulf States, including Arkansas and Tennessee, but not including the western portion of Texas. In these States very heavy falls are so frequent that much space would be needed to print detailed statistics of each rainfall that attained to one of the limits mentioned above, so only the more intense rainfalls are shown. At most stations the only falls included are those in which 1 inch or more fell within an hour, as footnote 6 indicates; but a few stations within these States had no such fall during 1923; so for such stations those falls in which 0.50 inch or more fell within 30 minutes have been presented (footnote 5).

Normal standard time at the place of occurrence is employed in this table.

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
NEW ENGLAND STATES																			
Eastport, Me.:																			
July 17.....	11:02 a. m.	10:00 p. m.	2.44	11:43 a. m.	1:15 p. m.	0.01	0.12	0.22	0.37	0.51	0.69	0.73	0.83	0.94	1.00	1.02	1.14	1.35	1.62
Portland, Me.:																			
July 17.....	11:32 a. m.	1:45 p. m.	.98	11:55 a. m.	12:44 p. m.	.02	.10	.16	.28	.40	.48	.52	.53	.64	.70	.86			
Aug. 7.....	2:58 p. m.	6:20 p. m.	.44	3:11 p. m.	3:29 p. m.	.03	.22	.32	.39										
Concord, N. H.:																			
Sept. 13.....	2:17 p. m.	3:15 p. m.	.70	2:22 p. m.	2:53 p. m.	.01	.15	.24	.42	.47	.55	.64	.68						
Burlington, Vt.:																			
June 21.....	5:10 a. m.	7:55 a. m.	1.06	5:30 a. m.	5:59 a. m.	.02	.13	.36	.58	.77	.84	.88							
June 29.....	2:10 p. m.	2:55 p. m.	.38	2:25 p. m.	2:38 p. m.	.01	.13	.20	.36										
July 9.....	10:17 a. m.	12:00 noon.	.42	11:30 a. m.	11:43 a. m.	.01	.19	.35	.39										
Aug. 7.....	11:16 a. m.	12:50 p. m.	.96	11:31 a. m.	12:00 noon.	.01	.30	.48	.67	.79	.85	.89							
Northfield, Vt.:																			
May 24.....	5:20 p. m.	9:15 p. m.	.52	6:19 p. m.	6:27 p. m.	.05	.19	.32											
Boston, Mass.:																			
July 9.....	8:44 p. m.	9:11 p. m.	.51	8:44 p. m.	8:54 p. m.	0	.19	.45											
Sept. 10 ¹	7:45 p. m.	1:30 p. m.	4.27	1:25 a. m.	1:50 a. m.	1.84	.16	.29	.37	.41	.47								
Do ¹	7:45 p. m.	1:30 p. m.	4.27	3:00 a. m.	4:05 a. m.	1.72	.07	.20	.29	.36	.43	.50	.58	.64	.68	.72	.84		

¹ On previous date.

¹ Defective record.

EXCESSIVE RAINFALL, 1924

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rain began	Depths of precipitation (in inches) during periods of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
NEW ENGLAND STATES—contd.																				
Nantucket, Mass.:																				
June 25	6:25 p. m.	9:45 p. m.	0.72	7:57 p. m.	8:10 p. m.	0.10	0.07	0.34	0.56											
July 13	11:18 a. m.	1:05 p. m.	.67	11:59 a. m.	12:09 p. m.	.12	.25	.38												
Aug. 12	10:14 a. m.	12:20 p. m.	.76	11:40 a. m.	11:51 a. m.	.19	.27	.53	.56											
Aug. 26	11:55 p. m.	6:30 p. m.	2.68	11:56 a. m.	12:38 p. m.	2.08	.06	.12	.22	0.35	0.46	0.54	0.59	0.69	0.71					
Block Island, R. I.:																				
June 25	6:00 p. m.	8:10 p. m.	.74	6:34 p. m.	6:45 p. m.	.09	.15	.31	.35											
Aug. 26	10:30 p. m.	1:15 p. m.	4.45	8:10 a. m.	9:00 a. m.	1.62	.10	.21	.28	.41	.40	.53	.58	.61	.65	0.68				
				9:00 a. m.	9:50 a. m.	.75	.79	.85	.91	.98	1.07	1.16	1.23	1.30	1.37					
				9:50 a. m.	10:40 a. m.	1.45	1.53	1.59	1.65	1.73	1.78	1.85	1.91	2.00	2.08					
				10:40 a. m.	11:10 a. m.	2.15	2.22	2.28	2.35	2.40	2.46									
Providence, R. I.:																				
Sept. 9-10	6:30 p. m.	9:37 a. m.	4.83	10:59 p. m.	12:40 a. m.	1.10	.10	.16	.27	.46	.59	.62	.65	.68	.75	.83	1.09	1.32	1.69	1.76
Sept. 10	6:30 p. m.	9:37 a. m.	4.83	3:39 a. m.	4:11 a. m.	3.65	.07	.22	.33	.40	.44	.54	.59							
Hartford, Conn.:																				
Aug. 9	5:38 p. m.	6:34 p. m.	.65	6:12 p. m.	6:26 p. m.	.01	.25	.68	.82											
Sept. 2	4:34 p. m.	6:40 p. m.	.48	4:38 p. m.	4:44 p. m.	.01	.28	.37												
Sept. 5	3:35 p. m.	8:45 p. m.	1.03	5:22 p. m.	5:33 p. m.	.17	.18	.43	.48											
New Haven, Conn.:																				
June 21	5:43 a. m.	6:25 a. m.	.84	5:45 a. m.	6:00 a. m.	.01	.26	.66	.70											
July 17	12:23 p. m.	12:38 p. m.	.31	12:28 p. m.	12:38 p. m.	.01	.28	.30												
MIDDLE ATLANTIC STATES																				
Albany, N. Y.:																				
June 25	6:08 a. m.	7:43 a. m.	.52	7:19 a. m.	7:29 a. m.	.07	.26	.42												
Aug. 6	5:14 p. m.	6:03 p. m.	.37	5:49 p. m.	5:57 p. m.	.03	.28	.33												
Aug. 25	12:53 p. m.	2:16 p. m.	.86	1:06 p. m.	1:49 p. m.	.03	.07	.17	.20	.27	.45	.69	.73	.80	.83					
Sept. 9	6:06 a. m.	6:30 p. m.	2.35	2:05 p. m.	3:05 p. m.	.42	.05	.23	.56	.73	.90	1.09	1.20	1.27	1.38	1.47	1.58			
Binghamton, N. Y.:																				
June 21	2:45 a. m.	4:00 a. m.	.70	2:52 a. m.	3:08 a. m.	.02	.23	.40	.53	.55										
June 24	8:40 p. m.	D. N. a. m.	2.36	8:46 p. m.	9:38 p. m.	.02	.16	.34	.58	.64	.77	1.03	1.30	1.77	2.10	2.18	2.22			
June 28	8:45 p. m.	D. N. a. m.	.93	10:34 p. m.	10:49 p. m.	.34	.13	.37	.42											
July 17	7:17 a. m.	7:40 a. m.	.60	7:17 a. m.	7:29 a. m.	0	.39	.56	.60											
July 24	5:45 p. m.	6:45 p. m.	.89	5:51 p. m.	6:19 p. m.	.01	.19	.46	.58	.68	.81	.84								
Aug. 6	5:15 a. m.	5:55 a. m.	.46	5:24 a. m.	5:41 a. m.	.01	.15	.24	.38	.44										
Aug. 7	12:40 p. m.	1:30 p. m.	.43	12:45 p. m.	1:01 p. m.	.01	.11	.27	.39	.41										
Aug. 25	9:00 a. m.	4:30 p. m.	2.33	9:18 a. m.	10:50 a. m.	.02	.13	.24	.27	.30	.32	.35	.40	.44	.63	.79	.98	1.45	1.75	
New York, N. Y.:																				
June 25	4:00 p. m.	5:10 p. m.	1.10	4:13 p. m.	4:33 p. m.	T.	.26	.64	.95	1.07										
Aug. 12	4:00 a. m.	2:15 p. m.	3.02	5:25 a. m.	5:55 a. m.	.43	.05	.17	.57	.75	.94	1.00								
Harrisburg, Pa.:																				
June 17	8:35 p. m.	8:10 p. m.	.64	7:00 p. m.	7:25 p. m.	.04	.06	.20	.30	.42	.48									
June 28	10:45 p. m.	6:00 a. m.	1.34	10:50 p. m.	11:04 p. m.	.01	.35	.50	.63											
July 2	4:20 p. m.	6:25 p. m.	2.18	4:37 p. m.	5:37 p. m.	.01	.22	.42	.92	1.24	1.54	1.64	1.78	1.82	1.86	1.88	2.10			
Aug. 13	9:00 p. m.	D. N. p. m.	.77	9:20 p. m.	9:50 p. m.	.04	.14	.36	.50	.55	.58	.65								
Philadelphia, Pa.:																				
May 24	3:10 p. m.	6:30 p. m.	.92	4:08 p. m.	4:18 p. m.	.05	.34	.57												
July 13	10:35 a. m.	12:20 p. m.	1.16	11:03 a. m.	11:18 a. m.	.12	.10	.47	.86											
Aug. 25	7:44 p. m.	8:50 a. m.	1.85	9:03 p. m.	9:33 p. m.	.10	.08	.13	.20	.25	.45	.51								
Sept. 9	4:20 p. m.	6:45 p. m.	.72	5:04 p. m.	5:24 p. m.	.20	.09	.22	.37	.43										
Reading, Pa.:																				
June 25	2:40 p. m.	3:12 p. m.	1.04	2:43 p. m.	3:00 p. m.	T.	.59	.94	1.01	1.04										
June 28	11:20 p. m.	7:25 a. m.	.83	11:35 p. m.	11:55 p. m.	T.	.15	.37	.47	.53										
July 13	2:35 a. m.	4:25 a. m.	.52	2:32 a. m.	3:00 a. m.	.01	.30	.40												
July 25	2:00 a. m.	3:30 a. m.	.77	2:08 a. m.	2:18 a. m.	.03	.10	.21												
Do.	2:00 a. m.	3:30 a. m.	.77	2:32 a. m.	2:51 a. m.	.34	.23	.30	.38	.43										
Aug. 9	2:20 p. m.	3:30 p. m.	.76	3:01 p. m.	3:19 p. m.	.22	.09	.14	.44	.52										
Aug. 12	12:45 a. m.	9:45 a. m.	2.81	7:25 a. m.	8:15 a. m.	1.12	.15	.46	.63	.82	.90	1.20	1.35	1.43	1.52	1.58				
Scranton, Pa.:																				
May 18	3:05 p. m.	6:10 p. m.	.45	3:19 p. m.	3:23 p. m.	T.	.28													
June 28	10:01 p. m.	D. N. a. m.	.57	11:15 p. m.	11:25 p. m.	T.	.10	.18	.39											
July 8	9:00 a. m.	10:45 a. m.	.54	9:08 a. m.	9:14 a. m.	T.	.35	.36												
Do.	11:08 a. m.	1:42 p. m.	1.68	11:50 a. m.	1:00 p. m.	.11	.08	.22	.28	.29	.30	.31	.36	.49	.64	.80	1.00	1.51		
Aug. 25	12:58 p. m.	4:22 p. m.	.80	3:00 p. m.	3:08 p. m.	.33	.25	.38												
Atlantic City, N. J.:																				
July 17	2:35 p. m.	2:46 p. m.	.39	2:37 p. m.	2:45 p. m.	.01	.17	.38												
Aug. 12	6:15 a. m.	11:50 a. m.	1.35	7:17 a. m.	7:30 a. m.	.23	.26	.55	.67											
Aug. 25	12:40 p. m.	4:10 p. m.	.57	2:28 p. m.	2:37 p. m.	.16	.17	.36												
Sandy Hook, N. J.:																				
Jan. 11	7:15 a. m.	2:30 p. m.	.97	10:24 a. m.	10:45 a. m.	.12	.14	.35	.52	.60	.64									
May 24	4:55 p. m.	7:30 p. m.	.86	5:32 p. m.	5:48 p. m.	.06	.13	.36	.43	.47										
June 6	8:25 p. m.	D. N. p. m.	.64	10:22 p. m.	10:31 p. m.	.23	.16	.30												
June 25	4:07 p. m.	5:30 p. m.	.93	4:09 p. m.	4:22 p. m.	.01	.46	.78	.85											
July 30	8:20 p. m.	9:35 p. m.	.49	8:24 p. m.	8:33 p. m.	.01	.30	.42												
Aug. 26	8:00 p. m.	11:35 a. m.	2.80	12:38 a. m.	12:58 a. m.	.69	.22	.41	.55	.67										
Trenton, N. J.:																				
Jan. 11	8:33 a. m.	1:10 p. m.	1.01	9:33 a. m.	9:52 a. m.	.07	.15	.33	.50	.55										
Jan. 16	2:11 p. m.	7:58 p. m.	1.13	7:28 p. m.	7:33 p. m.	.67	.28	.41												
May 24	2:55 p. m.	6:55 p. m.	.67	4:21 p. m.	4:44 p. m.	.04	.05	.12	.36	.59	.66									
June 30	6:50 a. m.	7:20 a. m.	.72	6:41 a. m.	7:00 a. m.	.01	.18	.39	.54	.69										
June 25	3:40 p. m.	4:45 p. m.	.74	3:44 p. m.	4:40 p. m.	.01	.13	.28	.43	.56	.65	.69								
July 7	3:25 p. m.	8:35 p. m.	2.16	5:37 p. m.	6:37 p. m.	.47	.25	.33	.58	.68	.76	.92	1.01	1.15	1.29	1.39	1.49			
Aug. 12	2:00 a. m.	11:30 a. m.	3.52	3:10 a. m.	4:18 a. m.	.24	.12	.17	.21	.38	.59	.62	.75	.81	.83	.95	1.30	1.63		
Sept. 9	1:05 p. m.	7:25 p. m.	2.07	1:12 p. m.	1:42 p. m.	.01	.11	.58	.77	.95	1.14	1.20								

† On following date.

‡ On previous date.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.
MIDDLE ATLANTIC STATES—CON.																			
Baltimore, Md.:																			
June 13	2:52 p. m.	3:08 p. m.	0.79	2:54 p. m.	3:04 p. m.	0.01	0.60	0.78											
June 25	3:30 p. m.	4:20 p. m.	.60	3:34 p. m.	3:57 p. m.	.01	.19	.32	0.49	0.53	0.56								
June 27	7:00 a. m.	11:55 a. m.	1.03	8:30 a. m.	9:40 a. m.	.07	.14	.27	.43	.52	.57	0.60	0.66	0.77	0.81	0.86	0.98	1.18	
July 31	3:57 p. m.	5:05 p. m.	.62	3:59 p. m.	4:23 p. m.	.01	.18	.35	.46	.56	.61								
Aug. 9	8:53 p. m.	10:20 p. m.	.98	9:05 p. m.	9:24 p. m.	.01	.22	.50	.60	.65									
Aug. 25	D.N. a. m.	7:25 a. m.	1.42	6:14 a. m.	6:49 a. m.	.12	.14	.32	.55	.75	.93	1.10	1.28						
Washington, D. C.:																			
June 18	4:45 p. m.	6:20 p. m.	.59	5:03 p. m.	5:22 p. m.	.01	.17	.31	.44	.50									
July 7	3:01 p. m.	4:30 p. m.	.64	3:17 p. m.	3:36 p. m.	.03	.13	.23	.46	.58									
July 8	3:20 a. m.	4:55 a. m.	1.00	4:01 a. m.	4:27 a. m.	.03	.31	.46	.62	.98	.95	.97							
Aug. 12	11:10 p. m.	5:40 a. m.	2.07	12:42 a. m.	1:19 a. m.	.23	.17	.44	.56	.67	.76	.84	.94	.99					
Aug. 17	3:50 p. m.	4:34 p. m.	.38	3:52 p. m.	3:59 p. m.	.01	.29	.36											
Aug. 25	2:45 a. m.	11:10 a. m.	1.34	9:06 a. m.	9:29 a. m.	.23	.08	.20	.36	.44	.54								
Cape Henry, Va.:																			
Mar. 30	5:30 a. m.	6:25 a. m.	.53	5:44 a. m.	6:11 a. m.	.03	.07	.12	.21	.31	.45	.49							
May 21	4:50 p. m.	10:45 p. m.	1.86	4:53 p. m.	5:08 p. m.	.01	.10	.37	.46										
May 29	6:55 p. m.	13:40 a. m.	1.32	7:08 p. m.	8:30 p. m.	.03	.17	.24	.31	.41	.52	.66	.81	.91	1.08	1.11	1.18	1.40	1.50
June 13	6:45 a. m.	7:25 a. m.	.41	6:48 a. m.	7:03 a. m.	.01	.10	.21	.36	.42									
Do.	8:15 a. m.	10:05 a. m.	.53	8:44 a. m.	9:02 a. m.	.04	.11	.28	.36	.42									
June 21	8:20 p. m.	9:05 p. m.	.83	8:26 p. m.	8:39 p. m.	.01	.27	.75	.85										
June 24	4:35 p. m.	7:00 p. m.	2.17	4:35 p. m.	6:12 p. m.	0	.06	.10	.32	.57	.63	.74	.79	.86	1.09	1.20	1.22	1.65	2.00
July 13	4:40 p. m.	7:00 p. m.	.64	4:43 p. m.	4:54 p. m.	.01	.24	.45	.47										
July 25	3:10 p. m.	6:05 p. m.	1.03	4:24 p. m.	4:51 p. m.	.13	.06	.26	.43	.51	.72	.80							
Aug. 17	10:15 p. m.	10:55 p. m.	.98	10:23 p. m.	10:28 p. m.	.01	.21	.75	.96										
Sept. 30	9:10 a. m.	12:18 p. m.	.87	10:43 a. m.	10:56 a. m.	.32	.11	.31	.43										
Lynchburg, Va.:																			
May 8	6:30 p. m.	7:00 p. m.	.28	6:35 p. m.	6:40 p. m.	.02	.25												
May 24	12:50 p. m.	2:15 p. m.	.03	1:05 p. m.	1:33 p. m.	.01	.22	.29	.36	.43	.48	.53							
May 29	9:10 p. m.	10:25 p. m.	.39	9:16 p. m.	9:26 p. m.	.01	.18	.35											
June 29	3:10 p. m.	5:00 p. m.	.83	3:17 p. m.	3:37 p. m.	.01	.22	.52	.72	.78									
July 7	6:10 p. m.	8:05 p. m.	.69	6:32 p. m.	7:07 p. m.	.02	.07	.13	.20	.24	.32	.45	.64						
July 8	6:35 a. m.	11:00 a. m.	1.30	9:16 a. m.	9:41 a. m.	.63	.06	.10	.22	.38	.49								
Aug. 11	10:10 p. m.	5:15 a. m.	.92	10:47 p. m.	10:58 p. m.	.01	.20	.60	.66										
Aug. 23	6:10 p. m.	7:50 p. m.	.91	7:07 p. m.	7:22 p. m.	.23	.28	.55	.62										
Aug. 24	1:10 p. m.	3:40 p. m.	.96	1:59 p. m.	2:24 p. m.	.01	.07	.16	.45	.73	.86								
Norfolk, Va.:																			
May 16	6:45 p. m.	D.N. a. m.	1.37	1:33 a. m.	1:49 a. m.	.78	.09	.27	.38	.42									
May 30	D.N. a. m.	D.N. a. m.	.45	12:47 a. m.	12:59 a. m.	.01	.22	.38	.42										
June 2	D.N. p. m.	D.N. a. m.	1.39	1:11 a. m.	2:01 a. m.	.25	.15	.23	.35	.36	.39	.44	.47	.49	.63	.70			
June 13	5:40 a. m.	9:55 a. m.	.90	8:45 a. m.	9:06 a. m.	.10	.11	.30	.45	.66	.78								
June 24	5:20 p. m.	5:55 p. m.	.46	5:23 p. m.	5:31 p. m.	.01	.30	.44											
Do.	7:35 p. m.	9:45 p. m.	.56	8:05 p. m.	8:27 p. m.	.03	.05	.11	.29	.41	.43								
June 25	7:55 p. m.	D.N. p. m.	.47	10:09 p. m.	10:29 p. m.	.04	.12	.30	.39	.40									
July 25	3:15 p. m.	5:30 p. m.	2.26	3:31 p. m.	4:32 p. m.	.04	.12	.31	.50	.78	.80	.91	1.04	1.15	1.46	1.75	2.10	2.17	
Aug. 28	6:15 p. m.	7:30 p. m.	.81	6:39 p. m.	7:12 p. m.	.03	.00	.14	.22	.38	.50	.70	.77						
Sept. 17	12:55 p. m.	12:30 p. m.	2.92	3:28 a. m.	4:12 a. m.	1.20	.05	.10	.15	.31	.47	.62	.65	.73	.78				
Sept. 30	7:50 a. m.	11:00 a. m.	1.49	10:12 a. m.	10:46 a. m.	.09	.18	.26	.61	.84	1.03	1.27	1.38						
Richmond, Va.:																			
Apr. 30	7:15 p. m.	8:10 p. m.	.31	7:25 p. m.	7:30 p. m.	.02	.27												
May 7	12:46 p. m.	3:00 a. m.	1.78	11:35 p. m.	12:00 mid't.	1.13	.16	.27	.33	.40	.50								
May 24	2:37 p. m.	6:00 p. m.	.89	3:17 p. m.	3:38 p. m.	.03	.20	.31	.49	.75	.82								
June 18	8:10 p. m.	10:35 p. m.	1.35	8:16 p. m.	8:46 p. m.	.01	.54	.91	1.01	1.09	1.16	1.21							
Aug. 12	1:05 a. m.	3:10 a. m.	.71	1:16 a. m.	1:36 a. m.	.02	.18	.37	.51	.60									
Sept. 13	1:30 p. m.	3:00 p. m.	.90	1:36 p. m.	1:49 p. m.	.01	.12	.32	.39										
Do.	1:30 p. m.	3:00 p. m.	.90	2:35 p. m.	2:44 p. m.	.49	.23	.36											
Sept. 30	11:05 a. m.	12:30 p. m.	4.03	4:02 a. m.	4:39 a. m.	1.39	.28	.29											
Do.	11:05 a. m.	12:30 p. m.	4.00	5:53 a. m.	6:20 a. m.	2.26	.06	.15	.28	.47	.61	.63							
Dec. 8	5:15 p. m.	9:55 p. m.	.52	5:25 p. m.	5:35 p. m.	.02	.27	.30											
Wytchville, Va.:																			
May 20	10:02 p. m.	D.N. a. m.	.59	10:07 p. m.	10:18 p. m.	.02	.23	.37	.41										
Aug. 11	1:23 p. m.	2:29 p. m.	.75	1:33 p. m.	2:04 p. m.	.01	.07	.19	.42	.54	.62	.70	.72						
Aug. 25	8:20 a. m.	9:20 a. m.	.90	8:23 a. m.	9:00 a. m.	.01	.18	.49	.61	.65	.70	.78	.85	.88					
SOUTH ATLANTIC STATES																			
Asheville, N. C.:																			
Aug. 23	3:00 p. m.	4:40 p. m.	.83	3:51 p. m.	4:15 p. m.	.02	.17	.35	.52	.66	.80								
Charlotte, N. C.:																			
Apr. 30	5:03 a. m.	11:35 a. m.	2.02	10:07 a. m.	11:09 a. m.	.24	.18	.79	.91	.91	.92	.94	1.01	1.04	1.23	1.40	1.68	1.78	
June 14	3:17 p. m.	4:40 p. m.	1.02	3:21 p. m.	3:41 p. m.	.01	.24	.67	.93	.99									
June 26	4:58 p. m.	7:35 p. m.	1.39	5:05 p. m.	5:40 p. m.	.02	.32	.66	.85	1.06	1.12	1.17	1.28						
June 29	8:55 p. m.	11:45 p. m.	1.10	9:13 p. m.	9:30 p. m.	.05	.28	.75	.93	.98									
Hatteras, N. C.:																			
Mar. 21	D.N. p. m.	D.N. a. m.	1.84	1:29 a. m.	2:18 a. m.	.58	.06	.22	.42	.54	.65	.82	.96	1.06	1.19	1.24			
June 26	2:18 p. m.	5:20 p. m.	1.88	2:19 p. m.	3:07 p. m.	T.	.15	.58	.84	1.03	1.19	1.29	1.36	1.46	1.67	1.73			
				1:25 a. m.	2:15 a. m.	.01	.10	.13	.16	.26	.42	.51	.54	.58	.62	1.03			
July 21	D.N. a. m.	D.N. a. m.	5.86	2:15 a. m.	3:05 a. m.	1.54	.73	1.66	2.13	2.53	2.87	2.97	2.98	3.00	3.13				
				3:05 a. m.	3:55 a. m.	3.22	3.35	3.62	3.82	4.04	4.25	4.42	4.66	4.91	5.13				
				3:55 a. m.	4:15 a. m.	5.45	5.64	5.71	5.82										
Aug. 25	1:30 p. m.	D.N. a. m.	3.25	7:39 p. m.	8:48 p. m.	1.13	.14	.30	.46	.60	.67	.72	.76	.84	.92	.97	1.10	1.28	
Sept. 15	D.N. a. m.	8:30 p. m.	2.42																

EXCESSIVE RAINFALL, 1924

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rates		Amount before excessive rate begun	Depths of precipitation (in inches) during periods of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	90 min.	100 min.
SOUTH ATLANTIC STATES—continued																			
Raleigh, N. C.: ⁴																			
June 29	7:35 p. m.	D. N. a. m.	1.65	9:10 p. m.	9:30 p. m.	0.41	0.19	0.61	0.87	1.05									
Aug. 28	5:40 p. m.	6:43 p. m.	1.17	5:48 p. m.	6:27 p. m.	.01	.26	.52	.66	.73	0.94	1.02	1.09	1.14					
Wilmington, N. C.: ⁴																			
Mar. 20	8:05 p. m.	D. N. a. m.	2.20	9:12 p. m.	9:31 p. m.	.55	.14	.56	1.21	1.41									
June 27	1:40 p. m.	6:15 p. m.	1.52	2:29 p. m.	3:20 p. m.	.12	.07	.31	.50	.62	.77	.83	.85	.92	0.98	1.13	1.15		
July 1	5:26 p. m.	11:45 a. m.	1.78	5:43 p. m.	6:46 p. m.	.01	.25	.39	.43	.43	.60	.70	.71	.77	.86	.94	1.21	1.34	
July 15	8:58 a. m.	10:07 a. m.	1.19	9:04 a. m.	10:01 a. m.	.01	.31	.34	.34	.34	.37	.42	.61	.79	.97	1.18			
Do	10:30 a. m.	11:45 a. m.	1.42	10:32 a. m.	11:30 a. m.	.01	.08	.18	.35	.53	.78	.92	1.12	1.26	1.29	1.36			
July 20	8:20 a. m.	1:50 p. m.	5.61	11:34 a. m.	1:23 p. m.	.64	.11	.22	.39	.54	.77	1.00	1.47	1.90	2.18	2.49	3.02	3.93	4.58
Sept. 14	12:47 p. m.	6:15 p. m.	2.31	1:52 p. m.	2:47 p. m.	.01	.14	.44	.63	.63	.63	.68	.68	.76	1.00	1.39	1.73		
Charleston, S. C.: ⁴																			
July 4	6:25 a. m.	7:00 a. m.	1.00	6:32 a. m.	6:46 a. m.	.01	.30	.78	.98										
July 11	11:26 a. m.	12:55 p. m.	1.02	11:53 a. m.	12:50 p. m.	.02	.11	.13	.23	.32	.48	.67	.76	.79	.83	.92	1.00		
Aug. 2	2:23 p. m.	4:00 p. m.	2.28	2:42 p. m.	3:18 p. m.	.02	.16	.34	.62	1.01	1.50	1.88	2.03	2.10					
Aug. 3	6:08 p. m.	7:35 p. m.	1.88	6:26 p. m.	7:11 p. m.	.02	.10	.29	.57	.86	1.19	1.48	1.64	1.74	1.79				
Aug. 4	9:50 p. m.	D. N. a. m.	2.24	10:28 p. m.	11:41 p. m.	.15	.06	.21	.48	.62	.75	.95	1.23	1.43	1.57	1.68	1.86	2.00	
Columbia, S. C.: ⁴																			
Mar. 20	D. N. a. m.	7:15 p. m.	2.29	4:13 p. m.	5:07 p. m.	1.02	.23	.53	.63	.71	.80	.88	.95	1.01	1.06	1.12	1.19		
July 8	12 noon	1:40 p. m.	1.38	12:03 p. m.	12:33 p. m.	.01	.12	.34	.68	1.00	1.16	1.32							
Due West, S. C.: ⁴																			
June 26	1:24 p. m.	3:45 p. m.	1.09	2:00 p. m.	2:28 p. m.	.03	.07	.24	.52	.79	.97	1.02							
Sept. 14	D. N. a. m.	12:10 p. m.	3.39	3:11 a. m.	4:01 a. m.	.57	.08	.11	.19	.23	.37	.60	.73	.90	1.01	1.11			
Greenville, S. C.: ⁴																			
Aug. 9	6:40 p. m.	8:15 p. m.	1.17	7:38 p. m.	8:02 p. m.	.01	.31	.59	.87	1.05	1.12								
Augusta, Ga.: ⁴																			
June 27	1:00 p. m.	4:10 p. m.	1.77	1:18 p. m.	1:52 p. m.	.01	.16	.62	1.17	1.35	1.47	1.53	1.59						
July 19	5:45 p. m.	10:45 p. m.	1.21	6:50 p. m.	7:26 p. m.	.03	.09	.24	.34	.47	.77	.96	1.06	1.10					
Savannah, Ga.: ⁴																			
Sept. 16	5:48 p. m.	D. N. a. m.	5.91	1:21 a. m.	2:11 a. m.	1.26	.05	.18	.20	.30	.32	.37	.40	.46	.51	.62			
Do	7:00 a. m.	7:18 p. m.	4.07	3:01 a. m.	3:01 a. m.		.71	.79	.88	.97	1.04	1.14	1.23	1.29	1.42	1.50			
Sept. 29	8:22 p. m.	D. N. a. m.	2.61	3:01 a. m.	3:51 a. m.	1.56	1.71	1.82	1.89	2.01	2.12	2.29	2.50	2.74	3.02				
Jacksonville, Fla.: ⁶																			
June 11	10:16 a. m.	1:50 p. m.	1.26	11:04 a. m.	11:34 a. m.	.04	.18	.40	.50	.66	.94	1.03							
July 2	1:44 p. m.	3:07 p. m.	1.85	2:19 p. m.	2:54 p. m.	.03	.22	.64	1.05	1.40	1.66	1.71	1.81						
July 12	4:13 p. m.	7:16 p. m.	1.76	4:18 p. m.	4:52 p. m.	.02	.23	.47	.71	1.00	1.21	1.35	1.43						
Aug. 9	4:53 p. m.	5:26 p. m.	1.33	4:59 p. m.	5:26 p. m.	.01	.13	.62	.78	1.08	1.25	1.32							
Sept. 23	7:05 p. m.	1:15 p. m.	2.65	9:46 p. m.	10:23 p. m.	.18	.22	.36	.45	.70	.92	1.10	1.23	1.29					
Oct. 10	D. N. a. m.	6:30 p. m.	4.85	3:37 a. m.	4:09 a. m.	2.30	.10	.25	.43	.60	.72	.93	.99						
FLORIDA PENINSULA																			
Key West, Fla.: ⁴																			
Jan. 10	D. N. a. m.	D. N. a. m.	1.14	2:20 a. m.	2:26 a. m.	.04	.30	.76	.96	1.00									
Aug. 19	8:06 a. m.	11:10 a. m.	1.40	8:13 a. m.	9:01 a. m.	.02	.19	.35	.49	.68	.74	.82	.89	.99	1.22	1.33			
Sept. 12	2:26 p. m.	3:40 p. m.	1.97	2:28 p. m.	3:23 p. m.	.01	.28	.35	.48	.67	.74	.96	1.05	1.22	1.44	1.66	1.95		
Oct. 18	10:00 p. m.	7:33 p. m.	5.93	4:18 a. m.	5:08 a. m.	.75	.06	.11	.20	.27	.38	.45	.54	.63	.70	.80			
Do	10:00 p. m.	7:33 p. m.	5.93	5:08 a. m.	5:58 a. m.	.91	1.03	1.13	1.22	1.31	1.41	1.48	1.60	1.72	1.86				
Miami, Fla.: ⁶																			
Apr. 22	2:35 p. m.	7:00 p. m.	2.42	2:42 p. m.	4:27 p. m.	.02	.14	.26	.35	.41	.43	.57	.94	1.00	1.04	1.10	1.31	1.41	2.04
July 26	12:58 p. m.	4:30 p. m.	1.50	1:01 p. m.	1:38 p. m.	.02	.18	.37	.74	.85	1.11	1.16	1.22	1.26					
July 28	11:09 a. m.	3:20 p. m.	2.13	12:29 p. m.	2:10 p. m.	.01	.34	.55	.54	.56	.62	.63	.66	.79	1.03	1.21	1.36	1.60	1.82
Sept. 4	3:25 p. m.	3:59 p. m.	1.66	3:30 p. m.	3:54 p. m.	.02	.19	.49	.84	1.42	1.64								
Oct. 7	8:01 p. m.	D. N. a. m.	3.12	9:51 p. m.	10:45 p. m.	.50	.15	.46	.79	1.06	1.23	1.33	1.44	1.47	1.62	1.83	2.00		
Oct. 18	D. N. a. m.	D. N. p. m.	9.48	4:26 p. m.	5:16 p. m.	3.48	.06	.13	.22	.42	.60	1.17	1.46	1.73	1.89	1.97			
Sand Key, Fla.: ⁴																			
Oct. 18	11:47 p. m.	7:40 p. m.	7.98	5:16 p. m.	6:06 p. m.	2.01	2.08	2.18	2.37	2.51	2.74	3.11	3.49	3.85	4.07				
Do	11:47 p. m.	7:40 p. m.	7.98	6:06 p. m.	6:56 p. m.	4.17	4.32	4.54	4.65	4.71	4.78	4.87	5.01	5.10	5.16				
Oct. 19	2:00 a. m.	4:25 a. m.	2.98	3:30 a. m.	4:12 a. m.	.24	.09	.57	.94	1.44	1.81	3.13	3.35	3.62	2.74				
Tampa, Fla.: ⁴																			
May 1	D. N. a. m.	7:40 a. m.	1.99	2:06 a. m.	2:53 a. m.	.04	.06	.11	.18	.28	.37	.48	.74	1.07	1.38	1.42			
May 23	3:33 p. m.	D. N. p. m.	3.12	4:17 p. m.	5:37 p. m.	.02	.09	.12	.15	.20	.25	.38	.51	.90	1.27	1.55	2.05	2.76	
June 10	12:07 p. m.	1:50 p. m.	1.62	12:38 p. m.	1:21 p. m.	.01	.11	.15	.28	.70	1.02	1.21	1.43	1.56	1.61				
June 15	3:30 p. m.	5:45 p. m.	1.29	4:33 p. m.	4:59 p. m.	.04	.11	.35	.59	.99	1.16	1.19							
June 29	6:10 p. m.	8:00 p. m.	1.96	6:17 p. m.	7:00 p. m.	.01	.17	.34	.85	1.24	1.42	1.57	1.75	1.81	1.86				
July 6	3:10 p. m.	8:10 p. m.	1.97	4:30 p. m.	5:10 p. m.	.15	.20	.47	.60	1.14	1.34	1.51	1.60	1.68					
July 7	6:12 p. m.	D. N. p. m.	1.46	6:31 p. m.	7:01 p. m.	.03	.12	.30	.54	.74	.90	1.07							
Sept. 26	3:12 p. m.	7:30 p. m.	3.01	4:32 p. m.	4:32 p. m.	.09	.10	.11	.15	.23	.33	1.38	1.99	2.36	2.50	2.67	2.76		

¹ On following date.

² On previous date.

³ Only storms attaining 1 inch or more in 1 hour or less.

⁴ Sept. 15.

EXCESSIVE RAINFALL, 1924

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated												
	From--	To--		Began--	Ended--		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.
WEST GULF STATES—continued																			
Dallas, Tex.: ⁶																			
May 26.....	11:22 p. m.	6:10 a. m.	2.89	12:28 a. m.	1:45 a. m.	0.21	0.13	0.43	0.63	0.84	1.05	1.09	1.20	1.27	1.34	1.41	1.64	2.23	
Fort Worth, Tex.: ⁶																			
May 20.....	6:32 p. m.	9:39 p. m.	1.24	6:47 p. m.	7:26 p. m.	.09	.07	.14	.29	.48	.68	.86	1.04	1.12					
May 26.....	11:14 p. m.	4:44 a. m.	2.26	12:51 a. m.	1:26 a. m.	.57	.06	.27	.54	.82	1.10	1.20	1.26						
May 6.....	3:45 p. m.	11:55 p. m.	1.78	6:09 p. m.	6:51 p. m.	.01	.22	.53	.83	.96	1.19	1.34	1.38	1.52	1.59				
Aug. 13.....	5:04 a. m.	9:54 a. m.	1.60	8:15 a. m.	8:37 a. m.	.36	.15	.41	.63	.90	1.09								
Galveston, Tex.: ⁶																			
Feb. 25.....	7:12 a. m.	1:15 p. m.	1.62	8:12 a. m.	9:10 a. m.	.04	.05	.13	.39	.62	.70	.75	.80	.89	1.13	1.27	1.43		
Groesbeck, Tex.: ⁶																			
May 20.....	8:00 p. m.	D. N. p. m.	1.40	8:43 p. m.	9:17 p. m.	.03	.20	.40	.55	.65	.86	1.04	1.11						
May 26.....	2:42 a. m.	8:30 a. m.	2.81	2:45 a. m.	4:01 a. m.	.01	.19	.55	1.05	1.36	1.45	1.54	1.59	1.60	1.62	1.65	1.75	2.09	
May 29.....	11:29 a. m.	2:05 p. m.	1.60	11:32 a. m.	12:27 p. m.	.01	.13	.17	.23	.37	.59	.61	.67	.67	.69	.99	1.16		
Aug. 26.....	1:00 p. m.	4:30 p. m.	1.70	1:11 p. m.	1:49 p. m.	.01	.23	.44	.79	1.01	1.18	1.31	1.42	1.48					
Houston, Tex.: ⁶																			
May 14.....	6:17 a. m.	9:05 a. m.	1.51	7:22 a. m.	7:57 a. m.	.06	.12	.24	.41	.77	1.11	1.32	1.40						
May 30.....	9:13 a. m.	12:50 p. m.	1.87	10:03 a. m.	11:07 a. m.	.03	.08	.21	.26	.30	.32	.37	.43	.51	.59	.66	1.19	1.62	
July 9.....	5:01 p. m.	6:05 p. m.	1.70	5:09 p. m.	5:53 p. m.	.01	.19	.43	.78	1.03	1.25	1.40	1.48	1.55	1.62				
Palestine, Tex.: ⁶																			
June 2.....	3:27 p. m.	5:05 p. m.	1.19	3:30 p. m.	3:55 p. m.	.01	.20	.45	.53	.77	1.02								
Sept. 21.....	4:45 p. m.	6:57 p. m.	1.94	4:55 p. m.	5:47 p. m.	.01	.10	.16	.34	.49	.57	.73	1.13	1.44	1.69	1.84	1.91		
Port Arthur, Tex.: ⁶																			
Jan. 15.....	9:15 a. m.	2:44 p. m.	2.76	1:39 p. m.	2:11 p. m.	.76	.51	.83	1.23	1.40	1.63	1.83	1.88						
San Antonio, Tex.: ⁶																			
Apr. 26.....	10:20 p. m.	D. N. a. m.	2.03	12:35 a. m.	1:10 a. m.	.08	.31	.67	1.07	1.33	1.58	1.72	1.89						
May 26.....	D. N. a. m.	8:00 a. m.	2.13	5:57 a. m.	7:17 a. m.	.46	.06	.12	.25	.35	.47	.50	.50	.52	.56	.73	1.04	1.61	
June 1.....	8:40 p. m.	D. N. a. m.	1.52	10:12 p. m.	10:47 p. m.	.02	.12	.29	.55	.84	1.07	1.17	1.22						
Taylor, Tex.: ⁶																			
Apr. 25.....	D. N. a. m.	7:30 a. m.	1.68	5:33 a. m.	6:25 a. m.	.14	.08	.15	.22	.30	.40	.50	.64	.90	1.29	1.47	1.51		
OHIO VALLEY AND TENNESSEE																			
Chattanooga, Tenn.: ⁶																			
May 28.....	5:58 a. m.	7:20 a. m.	1.28	6:22 a. m.	7:02 a. m.	.06	.11	.27	.33	.41	.54	.75	1.02	1.14					
June 15.....	8:57 p. m.	10:02 p. m.	1.89	9:00 p. m.	9:29 p. m.	.03	.26	.87	1.49	1.77									
Knoxville, Tenn.: ⁶																			
Sept. 21.....	7:53 p. m.	6:50 a. m.	4.31	8:22 p. m.	9:04 p. m.	.01	.15	.44	.71	.93	1.03	1.10	1.22	1.36	1.42				
Memphis, Tenn.: ⁶																			
May 20.....	3:42 p. m.	D. N. p. m.	2.62	3:45 p. m.	5:23 p. m.	.01	.17	.29	.37	.41	.43	.60	.79	.89	.94	1.00	1.52	1.91	2.31
Sept. 19.....	8:17 p. m.	D. N. a. m.	1.62	11:06 p. m.	11:49 p. m.	.24	.12	.18	.26	.41	.59	.68	.93	1.30	1.38				
Nashville, Tenn.: ⁶																			
Aug. 1.....	1:55 p. m.	3:15 p. m.	1.40	2:02 p. m.	2:36 p. m.	.02	.11	.29	.60	.88	1.14	1.23	1.32						
Lexington, Ky.: ⁶																			
Apr. 17.....	7:00 p. m.	8:05 a. m.	1.20	7:12 p. m.	7:33 p. m.	.04	.08	.24	.46	.54	.59								
June 22.....	4:15 p. m.	6:45 p. m.	1.90	4:20 p. m.	5:11 p. m.	.03	.16	.36	.36	.38	.37	.37	.37	.50	.62	.78	.87		
Sept. 21.....	11:25 p. m.	D. N. a. m.	.88	11:36 p. m.	11:55 p. m.	.03	.17	.42	.67	.76									
Louisville, Ky.: ⁶																			
June 10.....	2:35 p. m.	5:25 p. m.	.99	2:41 p. m.	2:55 p. m.	.01	.33	.57	.73										
June 13.....	7:35 p. m.	9:35 p. m.	.52	8:01 p. m.	8:17 p. m.	.04	.14	.32	.45	.47									
June 22.....	11:10 p. m.	D. N. a. m.	.70	11:17 p. m.	11:42 p. m.	.01	.15	.35	.45	.51	.65								
Aug. 24.....	3:28 p. m.	3:65 p. m.	.60	3:31 p. m.	3:42 p. m.	.01	.29	.56	.58										
Sept. 19.....	D. N. a. m.	7:40 a. m.	1.74	5:30 a. m.	6:00 a. m.	.24	.19	.39	.61	.81	1.07	1.30							
Sept. 20.....	D. N. a. m.	1:55 p. m.	1.73	6:32 a. m.	6:47 a. m.	.68	.12	.30	.36										
Do.....	D. N. a. m.	1:55 p. m.	1.73	12:55 p. m.	1:09 p. m.	1.38	.21	.31	.35										
Dec. 8.....	8:15 p. m.	6:25 a. m.	1.53	1:10 a. m.	1:18 a. m.	.78	.30	.40											
Evansville, Ind.: ⁶																			
June 4.....	10:00 p. m.	10:35 p. m.	.64	10:11 p. m.	10:25 p. m.	.01	.23	.53	.63										
June 5.....	11:30 p. m.	D. N. a. m.	.89	11:34 p. m.	11:50 p. m.	.01	.20	.39	.60	.64									
June 23.....	1:10 p. m.	1:50 p. m.	.33	1:22 p. m.	1:32 p. m.	.01	.18	.30											
July 14.....	4:35 a. m.	6:45 a. m.	.67	5:41 a. m.	6:10 a. m.	.10	.07	.13	.17	.26	.43	.51							
Sept. 20.....	8:30 p. m.	5:10 a. m.	4.40	1:23 a. m.	3:11 a. m.	.37	.19	.30	.35	.44	.48	.55	.72	.82	1.03	1.19	1.54	1.81	2.74
Do.....	8:30 p. m.	5:10 a. m.	4.40	4:33 a. m.	4:53 a. m.	3.60	.17	.33	.55	.79									
Indianapolis, Ind.: ⁶																			
Apr. 25.....	4:44 p. m.	8:05 p. m.	.92	4:48 p. m.	5:07 p. m.	.02	.25	.56	.67	.71									
Apr. 27.....	4:09 p. m.	1:30 a. m.	1.04	5:13 p. m.	5:33 p. m.	.05	.14	.26	.38	.46									
May 23.....	7:12 p. m.	8:41 p. m.	.54	7:58 p. m.	8:12 p. m.	.07	.23	.36	.42										
June 5.....	4:30 p. m.	10:30 p. m.	.67	6:20 p. m.	6:37 p. m.	.11	.18	.31	.33										
June 15.....	2:21 p. m.	3:42 p. m.	.59	2:37 p. m.	2:55 p. m.	.01	.09	.16	.47	.56									
Aug. 9.....	11:54 p. m.	4:30 a. m.	1.81	12:11 a. m.	12:41 a. m.	.01	.36	.62	.75	.87	.98	1.10							
Aug. 20.....	2:45 a. m.	8:48 a. m.	1.63	4:53 a. m.	5:32 a. m.	.12	.07	.12	.19	.35	.80	.84	.95	1.07					
Royal Center, Ind.: ⁶																			
June 9.....	5:00 a. m.	8:30 a. m.	.94	5:13 a. m.	5:37 a. m.	.01	.09	.31	.48	.57	.64								
June 24-25.....	10:45 p. m.	D. N. a. m.	1.43	11:28 p. m.	12:34 a. m.	.09	.25	.35	.41	.48	.55	.58	.67	.67	.72	.91	1.10	1.17	
July 8.....	3:30 p. m.	3:48 p. m.	.46	3:35 p. m.	3:44 p. m.	.02	.20	.37											
July 27.....	6:05 p. m.	8:50 p. m.	1.79	6:11 p. m.	6:32 p. m.	.01	.17	.36	.56	.83	.87								
Do.....	6:05 p. m.	8:50 p. m.	1.79	7:57 p. m.	8:23 p. m.	.94	.15	.39	.64										

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.
OHIO VALLEY AND TENNESSEE—CON.																			
Terre Haute, Ind.:																			
Apr. 21	2:40 p.m.	3:25 p.m.	0.37	2:57 p.m.	3:04 p.m.	0.02	0.30	0.35											
June 8	5:00 a.m.	6:20 a.m.	1.41	5:07 a.m.	5:16 a.m.	0.03	0.26	0.36											
June 22	4:12 p.m.	D.N. p.m.	1.46	6:20 p.m.	7:06 p.m.	0.43	0.08	0.25	0.36	0.52	0.62	0.70	0.76	0.83	0.92	0.96			
Aug. 9-9	11:25 p.m.	D.N. a.m.	1.03	11:34 p.m.	12:13 a.m.	0.01	0.19	0.20	0.35	0.47	0.56	0.63	0.72	0.79					
Aug. 20	4:25 a.m.	10:05 a.m.	1.60	4:41 a.m.	5:11 a.m.	0.02	0.17	0.21	0.34	0.48	0.59	0.69	0.75	0.80	0.83				
Sept. 1	7:40 p.m.	D.N. p.m.	1.08	7:49 p.m.	8:30 p.m.	0.01	0.11	0.20	0.30	0.49	0.59	0.69	0.75	0.80	0.83				
Sept. 21	4:45 p.m.	7:00 p.m.	0.55	5:14 p.m.	5:26 p.m.	0.03	0.19	0.44	0.49										
Nov. 13	4:45 a.m.	1:42 p.m.	2.19	8:43 a.m.	10:16 a.m.	0.18	0.05	0.20	0.28	0.37	0.50	0.58	0.68	0.72	0.83	0.94	1.20	1.45	1.82
Dec. 7	6:32 p.m.	D.N. a.m.	1.34	8:59 p.m.	9:10 p.m.	0.44	0.20	0.39	0.43										
Dec. 16	2:30 a.m.	D.N. a.m.	3.54	5:44 p.m.	7:06 p.m.	1.56	0.10	0.14	0.16	0.22	0.29	0.36	0.47	0.56	0.62	0.73	0.85	1.14	1.23
Cincinnati, Ohio:																			
June 9	7:35 a.m.	8:35 a.m.	0.72	8:06 a.m.	8:28 a.m.	0.11	0.11	0.24	0.29	0.55	0.61								
June 28	9:46 p.m.	D.N. a.m.	3.48	10:39 p.m.	11:54 p.m.	0.18	0.10	0.14	0.21	0.37	0.50	0.66	0.90	1.04	1.11	1.16	1.57	2.32	
June 29	9:46 p.m.	D.N. a.m.	3.48	1:18 a.m.	1:39 a.m.	2.55	0.19	0.46	0.71	0.96	0.88								
July 12	2:01 p.m.	4:30 p.m.	0.46	2:06 p.m.	2:17 p.m.	0.01	0.18	0.39	0.41										
Aug. 22	9:17 p.m.	D.N. a.m.	0.92	9:56 p.m.	10:07 p.m.	0.19	0.27	0.47	0.50										
Dec. 8	9:50 p.m.	6:30 a.m.	1.13	2:35 a.m.	2:55 a.m.	0.46	0.13	0.27	0.35	0.41									
Columbus, Ohio:																			
Apr. 17	9:11 p.m.	9:50 a.m.	1.17	10:16 p.m.	10:38 p.m.	0.01	0.24	0.42	0.50	0.60	0.65								
June 5	9:28 p.m.	D.N. a.m.	0.86	10:27 p.m.	10:41 p.m.	0.15	0.08	0.31	0.40										
June 8	5:55 a.m.	11:50 a.m.	2.09	7:05 a.m.	7:25 a.m.	0.01	0.15	0.30	0.38	0.44									
Sept. 21	5:55 a.m.	11:50 a.m.	2.09	9:20 a.m.	9:32 a.m.	1.20	0.36	0.45	0.49										
Dayton, Ohio:																			
June 5	7:21 p.m.	D.N. a.m.	2.56	8:04 p.m.	8:33 p.m.	0.04	0.20	0.33	0.52	0.77	0.94	1.28	1.64	1.82	2.03	2.15			
June 25	D.N. a.m.	D.N. a.m.	0.27	3:25 a.m.	3:30 a.m.	0.01	0.25												
July 31	1:25 p.m.	2:03 p.m.	0.62	1:28 p.m.	1:42 p.m.	0.01	0.24	0.45	0.59										
Elkins, W. Va.:																			
May 29	7:30 a.m.	11:40 a.m.	0.92	9:07 a.m.	9:36 a.m.	0.06	0.10	0.21	0.28	0.45	0.58	0.72							
June 13	1:36 p.m.	3:15 p.m.	1.14	2:17 p.m.	2:53 p.m.	0.01	0.09	0.16	0.23	0.33	0.53	0.98	1.08	1.12					
July 22	6:25 p.m.	8:20 p.m.	0.49	6:28 p.m.	6:37 p.m.	0.01	0.25	0.32											
July 31	7:42 p.m.	D.N. a.m.	0.99	7:42 p.m.	8:00 p.m.	0.01	0.20	0.66	0.73	0.78									
Aug. 9	4:45 p.m.	5:45 p.m.	0.57	4:55 p.m.	5:13 p.m.	0.02	0.06	0.33	0.40	0.44									
Aug. 30	8:30 a.m.	11:50 a.m.	1.01	9:25 a.m.	10:11 a.m.	0.07	0.08	0.15	0.23	0.32	0.51	0.60	0.65	0.70	0.75	0.79			
Parkersburg, W. Va.:																			
Apr. 30	5:12 p.m.	11:35 p.m.	0.95	6:53 p.m.	7:08 p.m.	0.40	0.13	0.34	0.44										
June 9	11:02 a.m.	1:00 p.m.	0.70	11:51 a.m.	12:08 p.m.	0.19	0.07	0.20	0.35	0.42									
June 23	4:31 p.m.	6:45 p.m.	0.49	4:57 p.m.	4:52 p.m.	0.01	0.09	0.33	0.43										
July 4	2:35 p.m.	3:04 p.m.	0.44	2:44 p.m.	3:03 p.m.	0.02	0.11	0.21	0.33	0.42									
July 21	1:37 p.m.	2:29 p.m.	0.47	1:52 p.m.	2:04 p.m.	0.02	0.16	0.38	0.45										
July 22	4:11 p.m.	5:10 p.m.	0.46	4:17 p.m.	4:28 p.m.	0.01	0.19	0.32	0.36										
Pittsburgh, Pa.:																			
June 18	9:30 a.m.	10:15 a.m.	0.47	9:42 a.m.	9:57 a.m.	0.01	0.06	0.30	0.44										
June 28	8:55 p.m.	D.N. a.m.	2.39	9:28 p.m.	10:22 p.m.	0.19	0.17	0.33	0.46	0.62	0.66	0.76	0.87	0.91	1.03	1.17	1.31		
Aug. 25	9:00 a.m.	1:00 p.m.	1.01	9:32 a.m.	9:57 a.m.	0.02	0.14	0.38	0.59	0.73	0.81								
LOWER LAKE REGION																			
Buffalo, N. Y.:																			
June 21	11:00 p.m.	D.N. a.m.	0.84	12:34 a.m.	12:59 a.m.	0.03	0.24	0.50	0.62	0.68	0.73								
July 16	7:40 p.m.	D.N. a.m.	1.36	10:06 p.m.	10:29 p.m.	0.39	0.29	0.30	0.38	0.48	0.55								
Aug. 4	6:05 p.m.	7:16 p.m.	0.54	6:36 p.m.	6:49 p.m.	0.01	0.13	0.38	0.42										
Canton, N. Y.:																			
June 24	10:20 p.m.	D.N. a.m.	0.53	10:39 p.m.	10:59 p.m.	0.02	0.14	0.20	0.34	0.42									
Oswego, N. Y.:																			
June 21	2:25 a.m.	5:10 a.m.	1.46	2:32 a.m.	2:52 a.m.	0.01	0.34	0.71	0.93	1.02									
June 23	4:55 p.m.	5:25 p.m.	1.06	4:59 p.m.	5:19 p.m.	0.04	0.05	0.33	0.75	1.01									
Aug. 4	7:39 p.m.	10:10 p.m.	0.72	8:27 p.m.	9:00 p.m.	0.05	0.11	0.18	0.24	0.36	0.42	0.51	0.57						
Rochester, N. Y.:																			
June 21	12:12 a.m.	4:25 a.m.	0.74	1:39 a.m.	1:59 a.m.	0.08	0.11	0.26	0.43	0.48									
July 12	6:49 p.m.	8:50 p.m.	0.47	6:54 p.m.	7:09 p.m.	0.01	0.11	0.25	0.36										
July 25	10:47 p.m.	D.N. a.m.	1.12	12:02 a.m.	12:27 a.m.	0.12	0.07	0.25	0.44	0.48	0.50								
Aug. 22	5:35 p.m.	5:55 p.m.	0.36	5:38 p.m.	5:43 p.m.	0.01	0.30												
Syracuse, N. Y.:																			
July 13	9:00 a.m.	11:10 a.m.	0.78	9:06 a.m.	9:38 a.m.	0.01	0.19	0.24	0.31	0.36	0.52	0.68							
July 30	1:59 p.m.	4:45 p.m.	1.36	2:10 p.m.	3:00 p.m.	0.01	0.06	0.15	0.36	0.61	0.82	0.88	0.93	1.02	1.10	1.28			
Aug. 4	8:40 p.m.	D.N. p.m.	0.69	9:50 p.m.	10:18 p.m.	0.01	0.11	0.23	0.30	0.40	0.48	0.56							
Erie, Pa.:																			
June 20	D.N. p.m.	D.N. a.m.	0.62	11:21 p.m.	11:46 p.m.	0.04	0.07	0.11	0.27	0.41	0.53								
Aug. 4	9:02 p.m.	D.N. a.m.	1.10	9:04 p.m.	9:37 p.m.	0.01	0.16	0.31	0.39	0.62	0.74	0.81	0.83	1.03					
Cleveland, Ohio:																			
June 25	4:50 a.m.	7:28 a.m.	0.98	6:15 a.m.	6:30 a.m.	0.52	0.21	0.31	0.42										
June 28	5:06 p.m.	7:54 p.m.	1.53	5:22 p.m.	5:46 p.m.	0.07	0.08	0.29	0.45	0.73	1.01								
Do	5:06 p.m.	7:54 p.m.	1.53	5:31 p.m.	6:35 p.m.	1.17	0.30												
July 12	3:22 p.m.	3:36 p.m.	0.68	3:23 p.m.	3:39 p.m.	0.01	0.11	0.24	0.58	0.63									
Sept. 1	1:25 a.m.	5:30 a.m.	1.30	1:32 a.m.	2:04 a.m.	0.01	0.07	0.14	0.27	0.45	0.66	0.80	0.85						
Sandusky, Ohio:																			
June 8	D.N. a.m.	7:15 a.m.	0.81	5:46 a.m.	6:04 a.m.	0.14	0.14	0.27	0.39	0.47									
June 18	D.N. a.m.	8:50 a.m.	1.23	3:42 a.m.	3:53 a.m.	0.08	0.07	0.24	0.36	0.38									
June 25	D.N. a.m.	6:00 a.m.	1.04	4:48 a.m.	5:08 a.m.	0.15	0.26	0.45	0.59	0.79									
June 28	9:50 a.m.	11:35 a.m.	0.60	10:33 a.m.	10:47 a.m.	0.08	0.27	0.34	0.50										
Aug. 22	4:35 p.m.	7:05 p.m.	0.63	4:48 p.m.	5:22 p.m.	0.07	0.09	0.14	0.20	0.32	0.47	0.62	0.74						
Sept. 1	D.N. p.m.	D.N. a.m.	1.37	1:10 a.m.	2:03 a.m.	0.04	0.14	0.19	0.35	0.41	0.41	0.42	0.48	0.56	1.03	1.21	1.28		

EXCESSIVE RAINFALL, 1924

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated												
	From—	To—		Began—	Ended—		6 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.
LOWER LAKE REGION—con.																			
Toledo, Ohio:																			
June 24	7:49 p. m.	8:20 p. m.	0.37	7:49 p. m.	7:54 p. m.	0	0.29												
June 28	4:30 p. m.	6:27 p. m.	.61	5:01 p. m.	5:19 p. m.	0.01	.11	.21	.45	0.50									
July 7	3:25 a. m.	6:10 a. m.	.97	3:36 a. m.	4:00 a. m.	.03	.12	.31	.65	.78	0.83								
July 16	10:44 p. m.	11:40 p. m.	.39	10:58 p. m.	11:04 p. m.	.01	.30	.34											
Sept. 1	10:20 p. m.	11:25 a. m.	2.24	11:31 p. m.	11:45 p. m.	.09	.13	.28	.35										
Sept. 21	9:30 p. m.	11:00 p. m.	1.35	9:51 p. m.	10:36 p. m.	.01	.21	.40	.57	.60	.66	0.83	1.09	1.23	1.30				
Oct. 5	4:52 p. m.	5:45 p. m.	.34	5:29 p. m.	5:38 p. m.	.04	.22	.30											
Fort Wayne, Ind.:																			
May 7	2:21 p. m.	3:45 p. m.	.37	2:59 p. m.	3:04 p. m.	.03	.27												
June 25	D.N. a. m.	D.N. a. m.	1.35	1:03 a. m.	1:35 a. m.	.06	.10	.29	.55	.90	1.01	1.10	1.12						
Detroit, Mich.:																			
Aug. 5	10:20 p. m.	D.N. a. m.	.46	11:01 p. m.	11:11 p. m.	.02	.20	.41											
UPPER LAKE REGION																			
Alpena, Mich.:																			
June 30	2:25 p. m.	8:05 p. m.	1.05	3:49 p. m.	4:26 p. m.	.05	.10	.20	.32	.41	.54	.71	.89	.95					
July 29	5:30 p. m.	6:30 p. m.	.50	5:32 p. m.	5:48 p. m.	T.	.17	.28	.37	.40									
Escanaba, Mich.:																			
July 24	5:10 a. m.	5:35 a. m.	.43	5:13 a. m.	5:21 a. m.	.01	.32	.41											
Sept. 21	12:45 p. m.	1:05 p. m.	.56	12:47 p. m.	12:58 p. m.	.01	.42	.50	.55										
Do	6:34 p. m.	6:50 p. m.	.42	6:40 p. m.	6:49 p. m.	.01	.25	.41											
Grand Haven, Mich.:																			
June 24	2:25 a. m.	D.N. a. m.	1.02	2:52 a. m.	3:29 a. m.	.05	.21	.49	.62	.71	.79	.85	.92	.97					
July 30	6:25 p. m.	10:15 p. m.	.65	9:35 p. m.	9:48 p. m.	T.	.20	.51	.63										
Aug. 4	D.N. a. m.	9:52 a. m.	1.65	6:54 a. m.	7:35 a. m.	.76	.14	.26	.31	.38	.43	.48	.54	.65	.67				
Aug. 22	2:48 a. m.	3:30 a. m.	.59	2:51 a. m.	3:03 a. m.	T.	.24	.53	.56										
Grand Rapids, Mich.:																			
June 12	6:54 p. m.	7:50 p. m.	.67	6:57 p. m.	7:09 p. m.	.02	.19	.38	.43										
June 28	6:30 a. m.	8:35 a. m.	.65	7:15 a. m.	7:34 a. m.	.07	.18	.33	.43	.49									
Sept. 21	3:32 p. m.	4:15 p. m.	.40	3:34 p. m.	3:45 p. m.	.01	.16	.34	.38										
Do	6:20 p. m.	7:55 p. m.	.51	6:50 p. m.	7:00 p. m.	.08	.25	.39											
Houghton, Mich.:																			
June 22	9:15 p. m.	11:30 p. m.	.64	9:23 p. m.	9:38 p. m.	T.	.06	.29	.42										
July 21	6:05 a. m.	10:00 a. m.	1.36	6:19 a. m.	6:24 a. m.	T.	.27	.19	.33	.41	.48								
Do	6:33 p. m.	7:45 p. m.	.73	7:18 p. m.	7:38 p. m.	.27	.19	.33	.41	.48									
July 29	9:25 a. m.	11:10 a. m.	.46	9:31 a. m.	9:41 a. m.	.01	.15	.34											
Aug. 5	1:58 p. m.	3:00 p. m.	.60	2:27 p. m.	2:41 p. m.	.12	.22	.30	.43										
Aug. 21	3:40 p. m.	6:48 p. m.	.60	6:12 p. m.	6:27 p. m.	.05	.20	.40	.50										
Aug. 30	9:40 p. m.	4:35 a. m.	.50	1:52 a. m.	1:57 a. m.	.11	.26												
Lansing, Mich.:																			
June 20	4:20 p. m.	D.N. a. m.	.77	4:33 p. m.	4:44 p. m.	.03	.22	.46	.47										
June 28	11:22 a. m.	12:58 p. m.	1.16	11:46 a. m.	12:42 p. m.	.04	.09	.13	.20	.28	.42	.58	.60	.65	.70	0.74	1.10		
Aug. 5	5:33 p. m.	6:06 p. m.	.47	5:37 p. m.	5:52 p. m.	.01	.16	.36	.45										
Ludington, Mich.:																			
July 24	9:48 a. m.	2:30 p. m.	1.01	10:16 a. m.	10:31 a. m.	.03	.23	.41	.60										
Aug. 5	4:05 p. m.	6:22 p. m.	1.41	4:59 p. m.	5:34 p. m.	.07	.32	.55	.67	.83	1.05	1.17	1.25						
Aug. 22	D.N. a. m.	6:10 a. m.	.82	1:17 a. m.	1:47 a. m.	.01	.14	.34	.45	.47	.55	.65							
Marquette, Mich.:																			
Aug. 6	12:15 p. m.	5:25 p. m.	.62	1:06 p. m.	1:17 p. m.	.03	.24	.39	.42										
Aug. 7	5:00 p. m.	8:50 p. m.	.64	8:18 p. m.	8:32 p. m.	.03	.22	.40	.50										
Port Huron, Mich.:																			
June 20	7:55 p. m.	11:50 p. m.	.85	8:02 p. m.	8:12 p. m.	.01	.12	.30											
June 28	1:55 p. m.	5:28 p. m.	.74	3:47 p. m.	3:52 p. m.	.23	.26												
Saginaw, Mich.:																			
July 28	9:44 p. m.	D.N. a. m.	1.67	3:31 a. m.	3:44 a. m.	1.16	.19	.32	.41										
Aug. 5	6:59 p. m.	8:25 p. m.	.62	7:02 p. m.	7:31 p. m.	.01	.12	.31	.32	.44	.74	.87							
Sept. 21	6:23 p. m.	D.N. p. m.	1.69	7:47 p. m.	8:44 p. m.	.21	.11	.21	.30	.34	.35	.53	.64	.67	.70	.87	1.14		
Sault Ste. Marie, Mich.:																			
July 29	3:15 p. m.	3:40 p. m.	.30	3:18 p. m.	3:24 p. m.	T.	.26	.29											
Aug. 21	10:30 p. m.	6:20 a. m.	1.10	10:41 p. m.	11:00 p. m.	T.	.23	.33	.40	.50									
Chicago University, Ill.:																			
June 22	2:03 p. m.	4:37 p. m.	1.63	2:22 p. m.	3:22 p. m.	.01	.19	.24	.24	.24	.51	.81	1.05	1.11	1.17	1.26	1.44		
July 8	5:35 p. m.	6:21 p. m.	.68	6:00 p. m.	6:18 p. m.	.02	.21	.41	.60										
July 20	8:42 p. m.	10:04 p. m.	.55	8:45 p. m.	8:57 p. m.	.01	.18	.38	.45										
Aug. 5	7:43 p. m.	11:45 p. m.	2.38	7:48 p. m.	8:58 p. m.	.01	.24	.36	.49	.59	.77	.87	.97	1.04	1.16	1.21	1.33	1.54	
Do	7:43 p. m.	11:45 p. m.	2.38	10:31 p. m.	10:59 p. m.	1.73	.18	.35	.36	.43	.53	.59							
Aug. 8	9:10 a. m.	11:37 a. m.	.56	10:26 a. m.	10:40 a. m.	.04	.21	.36	.46										
Green Bay, Wis.:																			
July 30	4:55 p. m.	7:20 p. m.	.79	5:27 p. m.	5:45 p. m.	.04	.10	.38	.56	.67									
Aug. 3	1:55 p. m.	7:10 p. m.	.34	3:16 p. m.	3:25 p. m.	.01	.17	.30											
Aug. 15	2:00 p. m.	D.N. p. m.	.91	4:53 p. m.	5:11 p. m.	.17	.19	.37	.46	.50									
Aug. 21	10:10 p. m.	D.N. a. m.	1.23	10:23 p. m.	11:00 p. m.	.01	.07	.20	.34	.38	.51	.59	.66						
Sept. 21	5:55 a. m.	10:15 a. m.	1.36	7:25 a. m.	8:15 a. m.	.18	.12	.25	.30	.48	.58	.59	.67	.85	1.04	1.13			
Milwaukee, Wis.:																			
June 24	12:15 a. m.	D.N. a. m.	1.37	12:53 a. m.	1:24 a. m.	.02	.13	.33	.62	.90	.97	1.04	1.05						
June 28	4:45 a. m.	6:40 a. m.	.61	5:34 a. m.	5:50 a. m.	.13	.14	.29	.38	.40									
July 21	7:14 p. m.	D.N. p. m.	.80	7:27 p. m.	7:41 p. m.	.03	.24	.37	.55										
July 24	1:21 p. m.	3:31 p. m.	.54	2:12 p. m.	2:30 p. m.	.06	.07	.20	.35	.41									
July 30	8:31 p. m.	9:13 p. m.	.59	8:42 p. m.	8:53 p. m.	.01	.13	.43	.45										
Aug. 3	7:30 p. m.	11:10 a. m.	3.50	8:06 p. m.	8:47 p. m.	.04	.22	.51	.77	1.07	1.16	1.21	1.26	1.32					
Aug. 4	7:20 p. m.	11:10 a. m.	3.50	5:14 a. m.	6:13 a. m.	1.51	.14	.22	.24	.27	.36	.57	.77	.87	.97	1.12	1.36		
Aug. 5	8:20 p. m.	4:46 p. m.	1.18																

1 On following date.

4 On previous date.

6 Defective record.

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.
UPPER LAKE REGION—continued.																			
Duluth, Minn.:																			
June 22.....	6:15 p. m.	7:35 p. m.	0.65	6:50 p. m.	7:01 p. m.	0.04	0.25	0.52	0.56										
July 16.....	11:55 p. m.	12:11 a. m.	.42	12:02 a. m.	12:09 a. m.	T.	.36	.42											
July 21.....	1:05 a. m.	7:01 a. m.	2.82	2:44 a. m.	4:23 a. m.	.31	.30	.43	.46	0.52	0.57	0.88	0.91	0.94	1.03	1.20	1.29	1.51	1.94
July 25.....	12:06 p. m.	12:40 p. m.	.36	12:13 p. m.	12:22 p. m.	.02	.18	.33											
Aug. 3.....	11:50 p. m.	5:15 a. m.	1.34	12:21 a. m.	12:46 a. m.	.05	.06	.11	.21	.41	.57								
NORTH DAKOTA																			
Moorhead, Minn.:																			
June 21.....	8:45 p. m.	D. N. a. m.	1.00	8:53 p. m.	9:25 p. m.	.09	.09	.23	.35	.46	.55	.64	.69						
Aug. 2.....	9:45 p. m.	D. N. a. m.	1.34	9:58 p. m.	10:07 p. m.	.04	.31	.47											
Aug. 2-3.....	9:45 p. m.	D. N. a. m.	1.34	11:58 p. m.	12:08 a. m.	.56	.14	.36											
Aug. 3.....	9:45 p. m.	D. N. a. m.	1.34	12:52 a. m.	1:04 a. m.	.98	.10	.32	.36										
Aug. 20.....	7:20 p. m.	D. N. a. m.	.98	7:24 p. m.	7:34 p. m.	.01	.26	.38											
Bismarck, N. Dak.:																			
June 18.....	5:05 p. m.	5:50 p. m.	1.20	5:11 p. m.	5:28 p. m.	.01	.60	1.00	1.17	1.19									
June 27.....	5:30 p. m.	9:05 p. m.	.88	8:36 p. m.	8:51 p. m.	.01	.39	.50	.61										
July 20.....	9:05 p. m.	10:15 p. m.	.50	9:51 p. m.	10:03 p. m.	.04	.12	.39	.45										
Aug. 18.....	7:00 p. m.	D. N. a. m.	.86	8:42 p. m.	9:12 p. m.	.12	.09	.15	.22	.32	.41	.53							
Aug. 20.....	1:35 p. m.	6:30 p. m.	.82	1:56 p. m.	2:12 p. m.	.02	.16	.29	.39	.46									
Devils Lake, N. Dak.:																			
June 18.....	8:00 p. m.	D. N. p. m.	1.62	9:35 p. m.	10:35 p. m.	.16	.06	.21	.42	.62	.70	.83	.91	.90	1.10	1.23	1.39		
Ellendale, N. Dak.:																			
June 14.....	2:40 p. m.	7:40 p. m.	.81	2:53 p. m.	3:25 p. m.	.02	.11	.22	.37	.46	.62	.69	.72						
July 20.....	11:15 p. m.	D. N. a. m.	.73	11:17 p. m.	11:48 p. m.	.01	.10	.27	.40	.49	.57	.63	.65						
Aug. 2.....	9:30 p. m.	D. N. p. m.	1.30	9:45 p. m.	9:59 p. m.	.03	.08	.32	.46										
Do.....	9:30 p. m.	D. N. p. m.	1.30	10:42 p. m.	11:22 p. m.	.51	.08	.18	.32	.44	.54	.58	.70	.77					
Williston, N. Dak.:																			
June 18.....	3:50 p. m.	4:30 a. m.	3.03	4:11 p. m.	5:08 p. m.	.06	.16	.24	.34	.53	.61	.73	.79	.85	.88	.92	1.03		
June 27.....	2:25 p. m.	5:35 p. m.	1.23	2:55 p. m.	3:16 p. m.	.05	.10	.45	.80	.92	.95								
Do.....	6:15 p. m.	7:45 a. m.	1.29	8:37 p. m.	9:09 p. m.	.04	.08	.21	.38	.55	.67	.76	.80						
July 7.....	10:03 p. m.	D. N. a. m.	1.01	10:36 p. m.	11:00 p. m.	.03	.15	.41	.60	.77	.85								
Aug. 1.....	10:44 p. m.	D. N. a. m.	.59	10:47 p. m.	11:01 p. m.	.01	.18	.32	.37										
UPPER MISSISSIPPI VALLEY																			
Minneapolis, Minn.:																			
June 14.....	6:38 p. m.	D. N. p. m.	2.48	6:59 p. m.	7:59 p. m.	.01	.06	.23	.29	.30	.37	.47	.69	.85	1.16	1.58	2.01		
June 19.....	2:15 a. m.	D. N. a. m.	1.00	2:34 a. m.	2:50 a. m.	.04	.46	.76	.92	.94									
June 22.....	5:32 p. m.	8:00 p. m.	1.96	5:44 p. m.	6:34 p. m.	.04	.06	.21	.54	.81	1.14	1.23	1.32	1.45	1.51	1.87			
July 30.....	4:20 a. m.	D. N. a. m.	.54	4:22 a. m.	4:37 a. m.	.01	.11	.25	.52										
Aug. 10.....	2:55 p. m.	3:10 p. m.	.53	2:53 p. m.	3:08 p. m.	.01	.15	.32											
Aug. 19.....	D. N. a. m.	D. N. a. m.	.70	2:27 a. m.	2:41 a. m.	.09	.19	.39	.54										
Aug. 21.....	D. N. a. m.	D. N. a. m.	1.86	2:19 a. m.	3:12 a. m.	.01	.17	.36	.50	.67	.80	1.06	1.20	1.32	1.40	1.48	1.54		
Do.....	6:58 a. m.	8:10 a. m.	1.68	6:58 a. m.	8:02 a. m.	.01	.43	.69	.97	1.04	1.08	1.13	1.21	1.27	1.28	1.29	1.50	1.57	
St. Paul, Minn.:																			
June 14.....	7:02 p. m.	10:45 p. m.	3.15	7:38 p. m.	8:38 p. m.	.23	.10	.19	.42	.74	1.09	1.53	2.07	2.31	2.32	2.37	2.60		
June 19.....	2:10 a. m.	3:30 a. m.	1.01	2:42 a. m.	2:59 a. m.	.04	.38	.77	.90	.95									
June 22.....	5:45 p. m.	7:45 p. m.	1.58	6:16 p. m.	6:45 p. m.	.20	.26	.41	.43	.48	.90	1.30							
July 30.....	4:30 a. m.	5:00 a. m.	.60	4:36 a. m.	4:50 a. m.	.02	.15	.42	.55										
Aug. 5.....	5:10 a. m.	7:35 a. m.	.63	5:14 a. m.	5:24 a. m.	.08	.21	.40											
Aug. 15.....	8:50 a. m.	1:28 p. m.	.74	9:19 a. m.	9:32 a. m.	.09	.17	.30	.34										
Aug. 19.....	2:30 a. m.	3:45 a. m.	.42	2:34 a. m.	2:47 a. m.	.01	.18	.33	.37										
Aug. 21.....	2:35 a. m.	3:45 a. m.	1.13	2:37 a. m.	3:25 a. m.	.01	.15	.23	.33	.50	.66	.74	.87	.95	1.01	1.08			
Do.....	7:10 a. m.	9:55 a. m.	1.17	7:18 a. m.	7:59 a. m.	.01	.26	.35	.41	.43	.50	.63	.75	.89	.90				
La Crosse, Wis.:																			
June 14.....	10:23 p. m.	D. N. a. m.	1.07	11:28 p. m.	11:41 p. m.	.23	.14	.42	.51										
June 17.....	7:30 p. m.	12:40 p. m.	1.69	7:43 p. m.	7:55 a. m.	.01	.23	.46	.53										
June 28.....	3:40 a. m.	7:35 a. m.	1.26	4:26 a. m.	6:58 a. m.	.59	.16	.22	.29	.41	.52	.58	.62						
Aug. 3.....	6:32 a. m.	8:23 a. m.	1.55	7:08 a. m.	7:48 a. m.	.06	.11	.24	.33	.51	.82	.99	1.17	1.41					
Do.....	2:00 p. m.	6:15 p. m.	1.22	4:47 p. m.	5:15 p. m.	.60	.05	.10	.19	.36	.47	.56							
Aug. 8.....	4:50 a. m.	8:30 a. m.	.68	5:05 a. m.	5:12 a. m.	.01	.23	.30											
Aug. 18-19.....	8:25 p. m.	D. N. a. m.	3.22	11:07 p. m.	12:11 a. m.	.82	.09	.22	.39	.51	.68	.75	.82	.89	.83	.93	1.22	1.36	
Aug. 19.....	8:25 p. m.	D. N. a. m.	3.22	4:50 a. m.	5:13 a. m.	2.00	.21	.35	.44	.55	.60								
Madison, Wis.:																			
Apr. 16.....	6:40 p. m.	7:45 p. m.	.78	6:49 p. m.	7:23 p. m.	.01	.09	.28	.42	.53	.57	.64	.70						
July 9.....	9:25 a. m.	12:25 p. m.	.86	10:00 a. m.	10:43 a. m.	.05	.08	.19	.34	.40	.45	.53	.60	.67	.71				
July 21.....	5:10 p. m.	7:25 p. m.	.99	5:44 p. m.	6:10 p. m.	.07	.07	.30	.64	.74	.82	.84							
July 25.....	2:07 p. m.	3:10 p. m.	1.54	2:24 p. m.	2:41 p. m.	.03	.19	.34	.42	.46									
Aug. 3.....	6:20 p. m.	9:40 p. m.	1.68	6:36 p. m.	6:53 p. m.	.05	.11	.40	.65	.69									
Do.....	6:20 p. m.	9:40 p. m.	1.68	8:36 p. m.	8:21 p. m.	.85	.30	.56	.67										
Aug. 4.....	3:45 a. m.	9:55 a. m.	1.49	4:13 a. m.	4:37 a. m.	.03	.09	.46	.84	.91	.99								
Aug. 8.....	6:33 a. m.	10:10 a. m.	1.15	8:18 a. m.	9:25 a. m.	.14	.05	.17	.22	.28	.45	.54	.56	.57	.61	.69	.80	1.00	
Aug. 26.....	1:45 a. m.	D. N. a. m.	.58	1:45 a. m.	1:50 a. m.	0	.25												
Sept. 11.....	9:08 p. m.	4:20 a. m.	.85	9:39 p. m.	10:04 p. m.	.07	.12	.34	.37	.45	.51								
Nov. 6.....	7:30 p. m.	3:40 a. m.	1.85	9:56 p. m.	10:16 p. m.	.15	.49	.70	.75	.82									
Wausau, Wis.:																			
July 11-12.....	10:35 p. m.	D. N. a. m.	.79	11:55 p. m.	12:18 a. m.	.09	.09	.15	.26	.40	.48								
July 29.....	9:32 a. m.	4:56 p. m.	2.10	9:35 a. m.	10:05 a. m.	.01	.24	.74	1.13	1.30	1.63	1.82							
Aug. 21.....	5:56 p. m.	7:51 p. m.	1.44	6:02 p. m.	6:37 p. m.	.02	.41	.84	.94	1.10	1.22	1.22	1.40						
Do.....	8:10 p. m.	D. N. p. m.	1.49	8:13 p. m.	8:50 p. m.	.01	.11	.11	.46	.94	1.16	1.29	1.38	1.43					

* On following date.

* On previous date.

* Defective record.

EXCESSIVE RAINFALL, 1924

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
UPPER MISSISSIPPI VALLEY—con.																			
Charles City, Iowa:																			
June 28	2:00 a. m.	6:00 a. m.	0.91	2:08 a. m.	2:26 a. m.	0.03	0.13	0.43	0.59	0.59									
July 11	11:00 p. m.	1:30 a. m.	1.45	11:14 p. m.	11:26 p. m.	0.01	0.26	0.32	0.35										
July 23	8:18 p. m.	12:45 a. m.	1.01	8:32 p. m.	8:55 p. m.	0.03	0.19	0.46	0.73	0.86	0.91								
Aug. 4	1:30 a. m.	6:40 a. m.	3.48	2:28 a. m.	3:02 a. m.	1.36	1.12	2.26	3.38	4.48	5.80	0.71	0.77						
Do.	1:30 a. m.	6:40 a. m.	3.48	2:48 a. m.	4:56 a. m.	1.54	1.11	1.18	2.7	3.6	4.4	6.1	7.7	0.97	1.14	1.29	1.44	1.64	
Oct. 30	6:35 p. m.	8:55 p. m.	0.86	6:43 p. m.	7:03 p. m.	0.03	0.18	0.33	0.39	0.47									
Davenport, Iowa:																			
Apr. 8	4:20 p. m.	5:50 p. m.	0.32	5:09 p. m.	5:16 p. m.	0.01	0.28	0.30											
June 8	3:00 p. m.	3:00 a. m.	1.57	1:14 a. m.	1:57 a. m.	0.76	0.07	0.19	0.29	0.34	0.43	0.55	0.62	0.66	0.69				
June 13	6:22 p. m.	7:05 p. m.	0.90	6:24 p. m.	6:38 p. m.	T.	0.48	0.79	0.89										
June 22	12:15 p. m.	2:30 p. m.	1.55	12:17 p. m.	12:44 p. m.	T.	0.26	0.56	0.81	1.23	1.33	1.36							
June 24	6:48 p. m.	12:00 p. m.	0.96	7:28 p. m.	8:00 p. m.	10.	0.08	0.24	0.34	0.38	0.44	0.59	0.64						
July 21	6:59 p. m.	9:40 p. m.	1.51	7:17 p. m.	8:03 p. m.	0.01	0.21	0.34	0.54	0.91	0.99	1.02	1.03	1.17	1.25	1.30			
Aug. 5	5:20 p. m.	8:45 a. m.	2.43	6:01 p. m.	6:22 p. m.	0.06	0.22	0.37	0.51	0.70	0.73								
Do.	5:20 p. m.	8:45 a. m.	2.43	8:49 p. m.	9:08 p. m.	0.86	0.24	0.38	0.91	1.10									
Aug. 8	7:10 a. m.	2:00 p. m.	1.46	7:40 a. m.	8:00 a. m.	0.03	0.27	0.55	0.69	0.81									
Aug. 19	4:45 a. m.	1:00 p. m.	2.63	5:27 a. m.	6:59 a. m.	0.02	0.23	0.33	0.32	0.3	0.92	1.11	1.16	1.27	1.46	1.50	1.61	1.87	2.03
Des Moines, Iowa:																			
June 7	9:43 a. m.	2:22 p. m.	2.19	11:43 a. m.	12:13 p. m.	0.18	0.21	0.45	0.64	0.75	0.86	0.95							
Do.	9:43 a. m.	2:22 p. m.	2.19	1:37 p. m.	2:02 p. m.	1.19	0.13	0.20	0.26	0.42	0.55	0.74	0.90						
Do.	7:40 p. m.	D. N. p. m.	1.13	9:23 p. m.	9:38 p. m.	0.55	0.22	0.49											
June 24	D. N. a. m.	7:10 a. m.	2.60	2:55 a. m.	3:40 a. m.	0.25	0.20	0.32	1.15	1.32	1.47	1.55	1.64	1.70	1.77				
June 28	D. N. a. m.	D. N. a. m.	0.46	1:24 a. m.	1:38 a. m.	0.01	0.26	0.34	0.40										
Aug. 5	4:28 p. m.	5:20 p. m.	0.51	4:23 p. m.	4:43 p. m.	0	0.14	0.23	0.32	0.41									
Aug. 8	D. N. a. m.	9:10 a. m.	1.18	5:13 a. m.	5:33 a. m.	0.01	0.27	0.42	0.51	0.57									
Dubuque, Iowa:																			
June 28	2:10 a. m.	D. N. a. m.	0.76	2:20 a. m.	2:30 a. m.	0.01	0.17	0.31											
Do.	9:25 p. m.	D. N. p. m.	0.44	9:32 p. m.	9:42 p. m.	0.02	0.18	0.38											
July 20	4:22 p. m.	6:18 p. m.	0.99	4:42 p. m.	5:42 p. m.	0.04	0.08	0.13	0.14	0.19	0.33	0.53	0.64	0.72	0.76	0.93			
July 21	4:23 p. m.	7:05 p. m.	0.83	4:34 p. m.	5:20 p. m.	0.01	0.11	0.23	0.28	0.33	0.36	0.43	0.54	0.64	0.78	0.79			
Aug. 4	D. N. a. m.	8:10 a. m.	0.97	4:27 a. m.	4:41 a. m.	0.14	0.18	0.43	0.51										
Aug. 19	12:20 a. m.	6:30 a. m.	1.75	2:34 a. m.	3:56 a. m.	0.01	0.11	0.15	0.22	0.31	0.45	0.56	0.73	0.89	1.00	1.20	1.35	1.61	1.67
Aug. 21	10:57 p. m.	D. N. a. m.	0.77	11:00 p. m.	11:20 p. m.	0.01	0.11	0.39	0.45	0.51									
Sept. 8	11:35 p. m.	D. N. a. m.	1.01	12:01 a. m.	1:04 a. m.	0.04	0.05	0.11	0.17	0.36	0.42	0.43	0.44	0.51	0.60	0.73	0.90	0.97	
Keokuk, Iowa:																			
May 17	6:06 p. m.	9:22 p. m.	0.63	6:09 p. m.	6:19 p. m.	0.01	0.21	0.34											
June 5	10:52 a. m.	1:07 p. m.	0.53	11:00 a. m.	11:20 a. m.	0.01	0.10	0.19	0.34	0.40									
Do.	2:41 p. m.	5:10 p. m.	0.96	2:46 p. m.	3:05 p. m.	0.01	0.12	0.25	0.38	0.66									
June 8	D. N. a. m.	D. N. a. m.	0.48	12:32 a. m.	12:42 a. m.	0.01	0.20	0.31											
June 22	3:55 p. m.	4:44 p. m.	0.56	3:55 p. m.	4:22 p. m.	0	0.12	0.13	0.13	0.28	0.38	0.55							
July 17	11:41 p. m.	D. N. a. m.	0.87	1:21 a. m.	1:41 a. m.	0.01	0.15	0.25	0.31	0.48									
July 21	7:22 p. m.	D. N. a. m.	1.53	7:36 p. m.	8:02 p. m.	0.01	0.20	0.36	0.36	0.29	0.51	0.66							
Do.	7:22 p. m.	D. N. a. m.	1.53	8:54 p. m.	9:09 p. m.	0.02	0.10	0.45	0.65										
Aug. 5	5:18 p. m.	8:51 p. m.	0.97	5:45 p. m.	6:10 p. m.	0.05	0.14	0.30	0.39	0.56	0.64								
Aug. 6	D. N. a. m.	8:10 a. m.	1.96	1:18 a. m.	2:18 a. m.	0.01	0.12	0.49	0.62	0.62	0.63	0.54	0.56	0.64	0.77	0.92	1.02		
Aug. 8	6:39 p. m.	8:31 p. m.	1.18	7:26 p. m.	7:56 p. m.	0.01	0.12	0.29	0.65	0.91	1.05	1.12							
Cairo, Ill.:																			
May 23	8:54 p. m.	D. N. a. m.	1.14	9:46 p. m.	10:16 p. m.	0.05	0.13	0.41	0.57	0.67	0.76	0.81							
June 9	5:27 a. m.	6:33 a. m.	1.01	5:27 a. m.	6:12 a. m.	0	0.14	0.31	0.41	0.52	0.65	0.66	0.62	0.82	1.00				
June 13	4:54 p. m.	5:51 p. m.	0.39	5:07 p. m.	5:22 p. m.	0.04	0.06	0.21	0.35										
Do.	8:51 p. m.	10:50 p. m.	0.78	9:25 p. m.	9:53 p. m.	0.03	0.09	0.13	0.26	0.45	0.63	0.71							
June 26	5:39 p. m.	6:46 p. m.	0.57	5:49 p. m.	6:19 p. m.	0.03	0.09	0.23	0.33	0.41	0.46	0.52							
July 12	3:14 p. m.	3:28 p. m.	0.29	3:13 p. m.	3:23 p. m.	0.02	0.27												
July 14	3:55 a. m.	5:52 a. m.	0.55	4:10 a. m.	4:26 a. m.	0.01	0.18	0.32	0.45	0.47									
Sept. 1	11:01 a. m.	12:50 p. m.	0.61	11:04 a. m.	11:22 a. m.	0.01	0.14	0.37	0.51	0.57									
Sept. 19	6:57 p. m.	11:04 p. m.	0.82	9:53 p. m.	10:12 p. m.	0.04	0.09	0.37	0.56	0.67									
Peoria, Ill.:																			
Apr. 25	1:12 p. m.	1:55 p. m.	0.53	1:23 p. m.	1:46 p. m.	0.02	0.07	0.17	0.33	0.44	0.47								
June 8	2:05 a. m.	3:26 a. m.	0.59	2:15 a. m.	2:27 a. m.	0.01	0.31	0.42	0.46										
June 24	7:20 a. m.	9:55 a. m.	1.09	8:57 a. m.	9:05 a. m.	0.48	0.36	0.42											
Do.	8:30 p. m.	12:45 a. m.	1.04	9:05 p. m.	9:21 p. m.	0.04	0.12	0.32	0.43	0.46									
June 28	2:48 a. m.	6:00 a. m.	1.77	3:07 a. m.	3:42 a. m.	0.07	0.08	0.17	0.44	0.65	0.95	1.32	1.37						
July 12	4:20 a. m.	9:35 a. m.	2.73	4:42 a. m.	5:52 a. m.	0.03	0.13	0.49	0.79	0.87	0.97	1.06	1.07	1.21	1.29	1.44	1.68	1.96	
Aug. 8	9:05 a. m.	11:10 a. m.	0.83	9:16 a. m.	9:41 a. m.	0.01	0.14	0.33	0.54	0.64	0.71								
Do.	8:19 p. m.	11:05 p. m.	1.22	8:28 p. m.	9:03 p. m.	0.01	0.30	0.49	0.54	0.59	0.70	0.88	0.99						
Aug. 19-20	11:05 p. m.	2:10 a. m.	1.82	11:12 p. m.	12:08 a. m.	0.02	0.07	0.12	0.33	0.49	0.57	0.78	0.94	1.09	1.14	1.26	1.41		
Springfield, Ill.:																			
Mar. 28	9:00 p. m.	D. N. p. m.	1.13	9:55 p. m.	10:10 p. m.	0.44	0.22	0.41	0.63										
May 29	9:00 p. m.	11:50 a. m.	1.90	6:24 a. m.	6:45 a. m.	0.91	0.17	0.30	0.46	0.62	0.65								
June 5	3:14 p. m.	6:20 p. m.	0.85	5:16 p. m.	5:39 p. m.	0.23	0.17	0.29	0.46	0.54	0.57								
June 24	8:00 p. m.	11:06 a. m.	0.99	9:07 a. m.	9:25 a. m.	0.02	0.05	0.51	0.75	0.81									
Do.	10:16 p. m.	11:06 a. m.																	

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
UPPER MISSISSIPPI VALLEY—con.																			
St. Louis, Mo.																			
Apr. 8	5:30 p. m.	D. N. p. m.	1.07	9:24 p. m.	9:34 p. m.	0.30	0.24	0.47											
June 13	D. N. a. m.	D. N. a. m.	.65	3:28 a. m.	3:44 a. m.	.04	.16	.35	.66	.59									
Do.	11:20 p. m.	D. N. a. m.	.86	12:42 a. m.	1:07 a. m.	.02	.10	.26	.44	.67	0.81								
June 23	8:20 a. m.	8:51 a. m.	.42	8:27 a. m.	8:37 a. m.	.02	.16	.39											
June 23	9:38 a. m.	11:50 a. m.	1.89	9:38 a. m.	10:36 a. m.	0	.35	.51	.88	.94	.97	1.08	1.13	1.46	1.59	1.76	1.88		
July 14	D. N. a. m.	D. N. a. m.	.80	1:49 a. m.	2:06 a. m.	.06	.11	.26	.41	.44									
Aug. 6	12:57 p. m.	3:20 p. m.	.66	1:03 p. m.	1:28 p. m.	.02	.08	.13	.38	.46	.62								
Aug. 24	5:20 a. m.	7:05 a. m.	.91	6:00 a. m.	6:17 a. m.	.02	.34	.67	.78	.80									
MISSOURI VALLEY																			
Columbia, Mo.																			
June 8	D. N. a. m.	D. N. a. m.	.51	3:27 a. m.	3:41 a. m.	.06	.13	.27	.41										
June 11	D. N. a. m.	6:10 a. m.	1.41	2:48 a. m.	3:06 a. m.	.18	.18	.33	.47	.60									
Do.	D. N. a. m.	6:10 a. m.	1.41	5:20 a. m.	5:32 a. m.	.81	.21	.47	.53										
June 12	7:54 a. m.	9:55 a. m.	.61	8:08 a. m.	8:20 a. m.	.01	.25	.39	.42										
June 17	9:43 a. m.	12:55 p. m.	.81	9:43 a. m.	10:03 a. m.	0	.11	.27	.38	.42									
Do.	1:35 p. m.	3:20 p. m.	.79	1:52 p. m.	2:17 p. m.	.03	.17	.34	.47	.51	.57								
June 24	8:40 p. m.	D. N. a. m.	1.18	8:50 p. m.	9:33 p. m.	.02	.05	.12	.28	.38	.50	.65	.81	.90	.94				
July 16	D. N. a. m.	5:40 a. m.	1.76	4:20 a. m.	5:11 a. m.	.02	.11	.33	.42	.73	.93	1.06	1.16	1.29	1.49	1.72	1.74		
Aug. 24	D. N. a. m.	5:08 a. m.	.50	4:08 a. m.	4:19 a. m.	.01	.29	.41	.44										
Sept. 1	2:35 p. m.	5:00 p. m.	2.54	2:48 p. m.	3:47 p. m.	.01	.13	.38	.58	1.00	1.12	1.39	1.84	2.19	2.34	2.38	2.50		
Oct. 6	D. N. p. m.	D. N. a. m.	1.54	9:37 p. m.	10:07 p. m.	.02	.19	.30	.39	.41	.44	.51							
Do.	D. N. p. m.	D. N. a. m.	1.54	11:12 p. m.	11:19 p. m.	.63	.29	.34											
Nov. 11	11:47 a. m.	12:50 p. m.	.38	12:13 p. m.	12:17 p. m.	.01	.32												
Kansas City, Mo.																			
May 19	7:27 a. m.	8:50 a. m.	.51	7:36 a. m.	7:50 a. m.	.04	.27	.36	.42										
May 23	3:00 a. m.	7:03 a. m.	.94	4:01 a. m.	4:31 a. m.	.14	.08	.16	.27	.38	.46	.55							
May 29	D. N. p. m.	D. N. a. m.	.70	2:50 a. m.	3:04 a. m.	.17	.22	.39	.50										
June 12	6:10 a. m.	7:12 a. m.	.71	6:26 a. m.	6:49 a. m.	.05	.09	.24	.41	.53	.60								
June 15	3:15 a. m.	D. N. a. m.	.37	3:18 a. m.	3:27 a. m.	.02	.18	.30											
June 17	7:32 a. m.	8:48 a. m.	.82	7:40 a. m.	8:15 a. m.	.01	.17	.33	.40	.46	.52	.55	.63						
June 22-23	11:20 p. m.	2:40 a. m.	1.03	11:39 p. m.	12:10 a. m.	.07	.05	.11	.27	.38	.51	.58	.61						
June 26-27	11:28 p. m.	1:05 a. m.	2.32	11:45 p. m.	1:00 a. m.	.05	.35	.68	.91	1.13	1.34	1.40	1.45	1.59	1.70	1.71	1.71	2.27	
July 17	1:15 a. m.	6:35 a. m.	1.44	1:21 a. m.	2:15 a. m.	.01	.06	.22	.54	.70	.80	.91	.99	1.01	1.09	1.16	1.23		
Aug. 10	5:15 p. m.	7:05 p. m.	.69	5:30 p. m.	6:02 p. m.	.03	.09	.15	.19	.28	.40	.59	.64						
Sept. 1	12:38 p. m.	1:15 p. m.	.47	12:43 p. m.	12:54 p. m.	.01	.28	.39	.44										
Sept. 11	5:56 p. m.	8:50 p. m.	1.07	6:00 p. m.	6:38 p. m.	.01	.22	.26	.33	.41	.51	.59	.67	.73					
Sept. 27	11:45 p. m.	5:40 a. m.	1.13	1:51 a. m.	2:04 a. m.	.16	.17	.33	.38										
St. Joseph, Mo.																			
Mar. 26	3:36 p. m.	7:22 p. m.	.67	5:15 p. m.	5:21 p. m.	.08	.25	.28											
June 7	8:58 p. m.	D. N. p. m.	1.01	9:03 p. m.	9:26 p. m.	.02	.24	.35	.45	.54	.59								
June 12	3:02 a. m.	6:10 a. m.	.79	3:16 a. m.	3:25 a. m.	.04	.16	.34											
June 17	6:35 a. m.	8:35 a. m.	1.31	6:45 a. m.	7:11 a. m.	.01	.17	.51	.89	1.12	1.22	1.23							
June 24	4:45 p. m.	8:15 p. m.	2.69	6:06 p. m.	7:10 p. m.	.15	.10	.31	.60	.89	1.25	1.46	1.73	1.94	2.08	2.26	2.44	2.53	
June 26	10:13 p. m.	D. N. a. m.	.95	10:16 p. m.	10:36 p. m.	.01	.15	.20	.32	.40									
July 16-17	D. N. p. m.	D. N. a. m.	2.22	11:48 p. m.	12:28 a. m.	.01	.09	.14	.57	.93	1.19	1.43	1.64	1.79					
July 21	4:06 p. m.	5:28 p. m.	.88	4:12 p. m.	4:57 p. m.	.02	.17	.27	.35	.41	.41	.42	.46	.62	.81				
Aug. 8	4:38 p. m.	7:25 p. m.	1.14	4:52 p. m.	5:04 p. m.	.04	.14	.44	.49										
Aug. 24	2:15 a. m.	D. N. a. m.	.43	2:20 a. m.	2:29 a. m.	.01	.27	.38											
Sept. 26	8:21 p. m.	D. N. a. m.	2.36	8:24 p. m.	8:55 p. m.	.01	.30	.53	.59	.69	.82	.88	.91						
Do.	8:21 p. m.	D. N. a. m.	2.36	10:21 p. m.	10:30 p. m.	1.12	.29	.36											
Dec. 4	6:35 p. m.	11:20 a. m.	1.70	2:25 a. m.	3:00 a. m.	.14	.11	.14	.20	.26	.35	.46	.55						
Springfield, Mo.																			
Apr. 25	10:25 a. m.	9:31 p. m.	1.21	4:32 p. m.	4:57 p. m.	.24	.18	.30	.46	.58	.79								
Apr. 29	8:01 a. m.	11:46 a. m.	1.11	9:34 a. m.	9:53 a. m.	.34	.09	.27	.39	.48									
May 19	4:09 p. m.	9:57 a. m.	2.14	4:13 p. m.	4:37 p. m.	.02	.10	.17	.34	.59	.71								
Do.	4:09 p. m.	9:57 a. m.	2.14	5:06 p. m.	5:32 p. m.	.78	.18	.22	.28	.36	.45	.48							
May 23	7:58 a. m.	9:03 a. m.	.31	8:19 a. m.	8:24 a. m.	.02	.28												
Do.	6:16 p. m.	8:20 p. m.	.87	8:24 p. m.	6:54 p. m.	.01	.13	.19	.40	.48	.59	.68							
May 28	6:20 p. m.	D. N. p. m.	1.16	9:14 p. m.	9:37 p. m.	.02	.26	.37	.62	.70	.81								
June 9	7:46 a. m.	10:51 a. m.	1.01	8:34 a. m.	8:55 a. m.	.03	.34	.56	.59	.68	.71								
Do.	6:50 p. m.	D. N. a. m.	.66	6:57 p. m.	7:11 p. m.	.01	.08	.28	.35	.44	.64	.69							
June 14	5:54 a. m.	9:40 a. m.	.81	5:54 a. m.	6:15 a. m.	0	.12	.38	.54	.64									
June 15	5:42 a. m.	6:39 a. m.	.74	5:45 a. m.	5:59 a. m.	.01	.20	.55	.70										
June 20	9:29 a. m.	11:12 a. m.	.90	10:15 a. m.	10:35 a. m.	.08	.12	.32	.61	.83									
Do.	11:51 a. m.	2:49 p. m.	1.19	1:36 p. m.	1:46 p. m.	.59	.23	.39											
July 12	D. N. p. m.	8:23 a. m.	1.93	2:18 a. m.	2:40 a. m.	.39	.11	.25	.31	.39	.45								
Do.	D. N. p. m.	8:23 a. m.	1.93	2:58 a. m.	3:47 a. m.	.87	.29	.28	.29	.32	.36	.41	.44	.50	.65	.73			
July 14	12:10 a. m.	8:09 a. m.	1.09	12:19 a. m.	12:45 a. m.	.01	.06	.25	.39	.46	.50	.54							
July 22	D. N. a. m.	D. N. a. m.	.67	3:34 a. m.	3:56 a. m.	.20	.14	.21	.35	.44	.47								
July 31	12:42 p. m.	2:56 p. m.	.60	12:47 p. m.	12:57 p. m.	.01	.25	.43											
Aug. 9	5:10 p. m.	9:10 p. m.	1.67	6:11 p. m.	6:48 p. m.	.01	.16	.56	.68	.77	.90	1.18	1.32	1.37					
Aug. 16	8:30 p. m.	D. N. a. m.	1.38	12:08 a. m.	12:24 a. m.	.71	.13	.25	.43	.45									
Iola, Kans.																			
May 23	4:10 p. m.	5:00 p. m.	.45	4:17 p. m.	4:28 p. m.	.01	.16	.36	.41										
May 27	5:15 p. m.	5:40 p. m.	.56	5:20 p. m.	5:31 p. m.	.01	.30	.52	.55										
June 20	11:16 a. m.	1:10 p. m.	1.71	11:20 a. m.	12:00 noon	.02	.18	.32	.4										

EXCESSIVE RAINFALL, 1924

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	90 min.	100 min.	120 min.
MISSOURI VALLEY—contd.																				
Iola, Kans.—Con.																				
July 19	5:20 p.m.	6:40 p.m.	1.31	5:29 p.m.	6:29 p.m.	0.02	0.14	0.25	0.32	0.41	0.46	0.48	0.52	0.73	0.91	1.11	1.26			
Aug. 5	9:45 p.m.	5:00 a.m.	2.38	9:52 p.m.	10:57 p.m.	.02	.11	.22	.25	.31	.50	.60	.87	1.02	1.17	1.26	1.50	1.61		
Aug. 11	3:15 a.m.	9:10 a.m.	1.09	3:38 a.m.	4:12 a.m.	.04	.06	.20	.23	.26	.34	.51	.62							
Aug. 15	4:15 a.m.	7:45 a.m.	.95	5:19 a.m.	5:54 a.m.	.03	.07	.13	.17	.29	.41	.49	.55							
Sept. 19	5:00 a.m.	9:45 a.m.	2.86	7:18 a.m.	8:38 a.m.	.49	.06	.12	.19	.25	.36	.53	.78	1.08	1.35	1.62	1.96	2.26		
Nov. 13	3:00 a.m.	10:15 a.m.	1.24	3:33 a.m.	4:00 a.m.	.12	.07	.20	.35	.43	.53	.57								
Topeka, Kans.:																				
Mar. 23	3:10 p.m.	6:00 p.m.	.80	3:53 p.m.	4:15 p.m.	.04	.19	.36	.47	.52	.56									
June 22	10:55 p.m.	D.N. a.m.	.72	10:57 p.m.	11:13 p.m.	.02	.15	.31	.41	.44										
July 13	7:02 p.m.	10:00 p.m.	.96	9:13 p.m.	9:29 p.m.	.09	.25	.54	.78	.84										
July 19	12:35 p.m.	2:50 p.m.	1.07	12:33 p.m.	12:52 p.m.	.01	.34	.31	.86	1.02										
July 21	4:23 p.m.	5:05 p.m.	.52	4:27 p.m.	4:41 p.m.	.01	.19	.37	.49											
Aug. 5	5:55 p.m.	8:15 a.m.	2.08	7:29 p.m.	8:06 p.m.	.07	.41	.75	.91	1.00	1.09	1.14	1.19	1.23						
Aug. 31	5:25 p.m.	7:35 a.m.	1.59	9:14 p.m.	9:32 p.m.	.18	.09	.24	.38	.44										
Sept. 11	3:23 p.m.	8:45 p.m.	.91	3:23 p.m.	3:37 p.m.	.01	.21	.42	.48											
Sept. 15	9:54 a.m.	1:20 p.m.	1.21	10:47 a.m.	11:00 a.m.	.05	.24	.58	.62											
Drexel, Nebr.:																				
June 5	4:35 a.m.	5:55 a.m.	.39	4:42 a.m.	4:50 a.m.	.01	.20	.31												
June 12	7:05 a.m.	8:20 a.m.	1.06	7:13 a.m.	7:50 a.m.	.01	.10	.35	.48	.57	.68	.82	.96	1.01						
Aug. 5	D.N. p.m.	D.N. a.m.	.82	12:46 a.m.	12:55 a.m.	.02	.37	.53												
Sept. 26	5:38 p.m.	6:05 p.m.	.60	5:38 p.m.	5:48 p.m.	0	.27	.53												
Lincoln, Nebr.:																				
June 12	2:33 a.m.	3:45 a.m.	.53	2:50 a.m.	3:09 a.m.	.01	.19	.34	.49	.48										
June 22	8:25 p.m.	7:05 p.m.	.44	8:40 p.m.	7:02 p.m.	.01	.08	.17	.25	.30	.43									
June 26	8:53 a.m.	11:00 a.m.	.78	8:31 a.m.	9:45 a.m.	.03	.26	.54	.65											
July 16	8:40 p.m.	8:00 a.m.	1.06	10:00 p.m.	10:19 p.m.	.06	.16	.46	.65	.72										
Oct. 8	12:50 a.m.	4:05 a.m.	1.77	2:39 a.m.	3:19 a.m.	.30	.09	.19	.30	.51	.66	.92	1.17	1.23						
Omaha, Nebr.:																				
June 5	4:55 a.m.	5:45 a.m.	.65	5:03 a.m.	5:38 a.m.	.01	.15	.21	.22	.28	.44	.48	.63							
June 7	7:05 a.m.	9:45 a.m.	.88	8:50 a.m.	9:19 a.m.	.34	.10	.20	.24	.32	.42	.51								
June 10	9:55 p.m.	D.N. a.m.	2.31	10:45 p.m.	11:35 p.m.	.04	.17	.35	.54	.76	1.02	1.27	1.57	1.81	2.06	2.20				
June 12	6:52 a.m.	8:45 a.m.	.68	7:38 a.m.	7:50 a.m.	.10	.17	.34	.40											
June 17	D.N. a.m.	6:33 a.m.	.60	3:56 a.m.	4:08 a.m.	.02	.22	.36	.42											
June 26	8:10 a.m.	11:20 a.m.	.82	10:10 a.m.	10:26 a.m.	.27	.13	.23	.39	.43										
July 11	9:20 p.m.	D.N. p.m.	.76	9:29 p.m.	9:48 p.m.	.01	.26	.45	.54	.60										
Sept. 1	D.N. p.m.	6:50 a.m.	2.20	2:12 a.m.	3:12 a.m.	.43	.14	.20	.28	.36	.42	.46	.47	.50	.70	.79	.96			
Sept. 28	6:23 p.m.	6:57 p.m.	.75	6:25 p.m.	6:37 p.m.	.01	.31	.63	.70											
Valentine, Nebr.:																				
June 10	7:42 a.m.	10:28 a.m.	.55	9:23 a.m.	9:48 a.m.	.03	.19	.32	.36	.41	.49									
June 13	4:03 a.m.	4:55 a.m.	.42	4:25 a.m.	4:33 a.m.	.10	.19	.31												
June 27	7:03 p.m.	7:57 p.m.	.65	7:13 p.m.	7:32 p.m.	T.	.23	.33	.55	.62										
July 18	11:10 p.m.	11:55 p.m.	.32	11:14 p.m.	11:23 p.m.	T.	.21	.31												
Aug. 4	5:38 p.m.	8:35 p.m.	1.18	6:03 p.m.	6:32 p.m.	.05	.15	.36	.58	.84	.97	1.03								
Sioux City, Iowa:																				
June 10	8:35 p.m.	10:55 p.m.	.64	9:36 p.m.	9:55 p.m.	.09	.09	.34	.42	.51										
June 14	8:50 p.m.	10:30 p.m.	.60	8:58 p.m.	9:15 p.m.	.01	.18	.27	.39	.43										
June 27	11:03 p.m.	D.N. a.m.	1.04	11:11 p.m.	11:39 p.m.	.01	.15	.45	.55	.73	.87	.94								
July 15	8:15 p.m.	9:20 p.m.	1.03	8:44 p.m.	9:04 p.m.	.06	.21	.44	.72	.93										
Aug. 1	2:41 p.m.	4:42 p.m.	1.45	2:43 p.m.	3:27 p.m.	.01	.13	.31	.53	.81	1.04	1.12	1.20	1.28	1.33					
Huron, S. Dak.:																				
June 14	6:25 p.m.	9:10 p.m.	2.28	7:07 p.m.	7:40 p.m.	.02	.33	1.03	1.47	1.74	1.89	1.98	2.04							
June 18	8:33 a.m.	9:20 a.m.	.85	8:44 a.m.	8:57 a.m.	.02	.27	.68	.80											
June 27	8:30 p.m.	D.N. a.m.	1.92	8:56 p.m.	9:27 p.m.	.06	.19	.36	.40	.45	.62	1.10	1.14							
June 29	1:25 p.m.	3:00 p.m.	.37	1:32 p.m.	1:42 p.m.	.01	.13	.30												
July 18	5:52 a.m.	11:50 a.m.	1.78	7:06 a.m.	8:14 a.m.	.47	.05	.11	.17	.21	.28	.44	.53	.56	.62	.70	.82	.96		
Aug. 4	8:55 p.m.	10:50 p.m.	.58	10:19 p.m.	10:30 p.m.	.16	.19	.38	.41											
Aug. 14	4:12 p.m.	6:25 p.m.	.64	4:23 p.m.	4:38 p.m.	.02	.06	.19	.50											
Aug. 20	7:50 p.m.	D.N. a.m.	1.33	9:18 p.m.	9:38 p.m.	.03	.23	.37	.46	.53										
Do	7:50 p.m.	D.N. a.m.	1.33	11:30 p.m.	11:43 p.m.	.84	.08	.24	.44											
Aug. 29	5:52 p.m.	7:13 p.m.	1.27	6:00 p.m.	7:01 p.m.	.03	.13	.20	.27	.39	.44	.52	.68	.79	.86	.99	1.21	1.24		
Oct. 8	8:45 p.m.	10:00 p.m.	.39	8:54 p.m.	9:04 p.m.	.02	.18	.31												
Pierre, S. Dak.:																				
June 27	7:15 p.m.	8:25 p.m.	.60	7:25 p.m.	7:43 p.m.	.01	.14	.34	.43	.48										
Aug. 1	D.N. a.m.	D.N. a.m.	.74	1:33 a.m.	1:46 a.m.	.01	.38	.65	.72											
Aug. 4	7:03 p.m.	7:40 p.m.	.90	7:09 p.m.	7:27 p.m.	.02	.13	.33	.72	.87										
Aug. 21	3:25 p.m.	4:20 p.m.	.52	3:32 p.m.	3:47 p.m.	.01	.23	.34	.40											
Oct. 8	7:12 p.m.	D.N. p.m.	.60	7:14 p.m.	7:24 p.m.	.01	.34	.46												
Yankton, S. Dak.:																				
June 13	6:35 a.m.	8:10 a.m.	.57	7:40 a.m.	7:53 a.m.	.10	.14	.41	.46											
June 14	10:10 a.m.	11:05 a.m.	.81	10:23 a.m.	10:50 a.m.	.03	.14	.28	.45	.61	.72	.76								
Do	8:00 p.m.	9:45 p.m.	.61	8:06 p.m.	8:21 p.m.	.01	.10	.32	.42											
June 26	5:55 a.m.	8:25 a.m.	.90	6:02 a.m.	6:55 a.m.	.01	.05	.10	.24	.29	.31	.35	.51	.55	.59	.72	.83			
June 27	10:15 p.m.	11:30 p.m.	.57	10:17 p.m.	10:30 p.m.	.01	.23	.43	.40	.61	.63									
July 15	6:50 p.m.	7:25 p.m.	.69	6:59 p.m.	7:21 p.m.	.03	.29	.24	.40	.61	.63									
Aug. 1	6:55 a.m.	9:20 a.m.	.71	7:10 a.m.	7:42 a.m.	.03	.08	.20	.35	.40	.42	.50	.54							
Aug. 8	12:50 a.m.	3:00 a.m.	.72	1:39 a.m.	1:55 a.m.	.24	.18	.31	.36	.38										

* On following date.

* On previous date.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
NORTHERN SLOPE																				
Havre, Mont.:																				
June 14	D. N. a. m.	7:10 a. m.	0.47	6:32 a. m.	6:37 a. m.	0.14	0.29													
June 15	D. N. a. m.	D. N. a. m.	.85	3:10 a. m.	3:35 a. m.	.02	.21	0.23	0.29	0.44	0.54									
Aug. 1	4:33 p. m.	5:50 p. m.	.59	4:54 p. m.	5:09 p. m.	.01	.21	.37	.50											
Helena, Mont.!																				
Kaispell, Mont.!																				
Miles City, Mont.:																				
Aug. 2	4:27 p. m.	4:38 p. m.	.40	4:30 p. m.	4:36 p. m.	.01	.36	.36												
Rapid City, S. Dak.:																				
June 16	9:42 p. m.	D. N. a. m.	1.03	10:30 p. m.	10:58 p. m.	.33	.07	.11	.23	.45	.56	0.62								
July 18	1:19 p. m.	2:05 p. m.	1.49	1:27 p. m.	1:57 p. m.	.01	.19	.43	.72	1.12	1.35	1.45								
Cheyenne, Wyo.:																				
June 8	12:34 p. m.	1:29 p. m.	.93	12:46 p. m.	1:23 p. m.	.03	.12	.20	.37	.51	.60	.71	0.85	0.89						
July 30	11:12 a. m.	11:35 a. m.	.63	11:16 a. m.	11:31 a. m.	.01	.06	.37	.62											
Lander, Wyo.!																				
Sheridan, Wyo.!																				
Yellowstone Park, Wyo.!																				
North Platte, Nebr.:																				
May 25	7:47 p. m.	11:30 p. m.	.67	9:07 p. m.	9:25 p. m.	.16	.17	.34	.43	.48										
July 12	5:17 p. m.	5:38 p. m.	.48	5:20 p. m.	5:32 p. m.	.01	.29	.41	.47											
MIDDLE SLOPE																				
Denver, Colo.!																				
Fueblo, Colo.:																				
July 1	5:42 p. m.	6:28 p. m.	.38	5:42 p. m.	5:50 p. m.	0	.25	.35												
Concordia, Kans.:																				
June 11	9:31 a. m.	9:57 a. m.	.35	9:33 a. m.	9:48 a. m.	.01	.12	.23	.36											
Aug. 23	10:06 p. m.	10:55 p. m.	.66	10:09 p. m.	10:36 p. m.	.01	.11	.30	.38	.39	.59	.64								
Sept. 1	9:28 a. m.	10:37 a. m.	.50	9:30 a. m.	9:39 a. m.	.01	.20	.37												
Dodge City, Kans.:																				
Apr. 28	D. N. p. m.	D. N. a. m.	1.20	10:02 p. m.	10:16 p. m.	.01	.16	.28	.39											
June 21	D. N. p. m.	D. N. p. m.	.77	9:33 p. m.	10:08 p. m.	.01	.06	.12	.33	.49	.69	.69	.74							
July 11	4:00 p. m.	5:30 p. m.	.68	4:16 p. m.	4:43 p. m.	.04	.13	.19	.30	.39	.50	.56								
July 13	3:02 p. m.	4:15 p. m.	1.04	3:09 p. m.	3:49 p. m.	.03	.10	.14	.25	.34	.46	.63	.70	.90						
July 17-18	11:35 p. m.	D. N. a. m.	1.01	11:48 p. m.	12:20 a. m.	.02	.31	.38	.46	.61	.71	.76	.80							
Aug. 10	D. N. p. m.	D. N. a. m.	1.14	10:04 p. m.	10:48 p. m.	.05	.11	.17	.26	.34	.42	.49	.54	.60	0.66					
Aug. 12	4:18 p. m.	5:28 p. m.	.52	4:20 p. m.	4:27 p. m.	.01	.20	.30												
Sept. 15	1:40 p. m.	2:40 p. m.	.41	2:20 p. m.	2:28 p. m.	.03	.21	.37												
Sept. 18	1:35 p. m.	D. N. a. m.	.96	10:12 p. m.	10:27 p. m.	.24	.19	.07	.64											
Wichita, Kans.:																				
Apr. 29	D. N. a. m.	6:30 a. m.	2.26	3:54 a. m.	4:49 a. m.	.20	.15	.31	.39	.61	.98	1.28	1.47	1.55	1.60	1.66	1.75			
May 27	4:40 p. m.	5:35 p. m.	.93	4:40 p. m.	4:56 p. m.	0	.21	.59	.89	.91										
July 13	9:10 p. m.	9:40 p. m.	.34	9:10 p. m.	9:19 p. m.	0	.21	.33												
Sept. 7	4:04 p. m.	4:40 p. m.	.45	4:13 p. m.	4:21 p. m.	.01	.22	.34												
Broken Arrow, Okla.:																				
Apr. 29	4:25 a. m.	7:40 a. m.	.84	4:49 a. m.	5:19 a. m.	.01	.07	.13	.20	.34	.52	.58								
May 6	3:46 p. m.	D. N. a. m.	.73	4:18 p. m.	4:41 p. m.	.05	.06	.20	.34	.43	.49									
May 31	10:15 p. m.	D. N. a. m.	.56	10:51 p. m.	11:00 p. m.	.01	.36	.53												
July 18	10:25 p. m.	8:25 a. m.	3.87	12:03 a. m.	12:21 a. m.	.19	.18	.47	.71	.84										
Do	10:25 p. m.	8:25 a. m.	3.87	3:06 a. m.	3:20 a. m.	1.24	.14	.31	.34											
Do	10:25 p. m.	8:25 a. m.	3.87	4:42 a. m.	5:22 a. m.	1.89	.06	.16	.29	.48	.69	.84	1.00	1.14						
Sept. 21	7:27 a. m.	9:45 a. m.	.57	9:13 a. m.	9:27 a. m.	.13	.11	.23	.29											
Sept. 27	D. N. a. m.	9:14 a. m.	2.48	4:26 a. m.	5:18 a. m.	.75	.35	.56	.62	.66	.68	.69	.70	.80	.85	1.12	1.23			
Oklahoma City, Okla.:																				
May 26	8:20 a. m.	1:40 p. m.	1.88	10:12 a. m.	12:02 p. m.	.19	.05	.12	.19	.25	.29	.35	.42	.46	.50	.55	.66	0.97	1.23	1.44
June 8	6:15 p. m.	10:00 p. m.	1.37	6:46 p. m.	7:05 p. m.	.06	.09	.17	.29	.53										
Do	6:15 p. m.	10:00 p. m.	1.37	8:02 p. m.	8:11 p. m.	.01	.21	.35												
July 24	6:10 p. m.	8:25 p. m.	2.06	6:51 p. m.	7:54 p. m.	.05	.19	.23	.43	.46	.64	1.00	1.28	1.43	1.66	1.77	1.94	2.01		
Aug. 9	5:45 p. m.	7:20 p. m.	.57	6:43 p. m.	7:03 p. m.	.07	.15	.26	.36	.45										
Aug. 10	3:08 p. m.	4:40 p. m.	1.16	3:11 p. m.	3:44 p. m.	.01	.21	.46	.68	.73	.87	1.02	1.07							
Nov. 6	9:05 p. m.	9:50 p. m.	1.16	9:23 p. m.	9:41 p. m.	.06	.30	.76	.98	1.06										
SOUTHERN SLOPE																				
Abilene, Tex.:																				
Apr. 16	2:10 a. m.	D. N. a. m.	.36	2:18 a. m.	2:27 a. m.	.03	.21	.33												
Apr. 24	10:50 p. m.	D. N. a. m.	1.90	10:57 p. m.	11:37 p. m.	.02	.30	.51	.66	.77	.85	.91	.96	1.03						
May 12	6:20 p. m.	7:30 p. m.	.89	6:39 p. m.	6:52 p. m.	.01	.22	.66	.71											
May 25	9:00 p. m.	D. N. p. m.	1.07	9:11 p. m.	9:46 p. m.	.02	.13	.21	.31	.42	.50	.55	1.00							
Aug. 15	7:40 p. m.	D. N. p. m.	.52	8:12 p. m.	8:31 p. m.	.04	.07	.17	.32	.41										
Sept. 12	8:00 p. m.	9:00 p. m.	2.50	4:22 a. m.	5:16 a. m.	.36	.08	.18	.27	.31	.36	.45	.54	.67	.75	.79	.88			
Amarillo, Tex.:																				
June 5	6:24 p. m.	9:45 p. m.	1.14	6:30 p. m.	7:15 p. m.	T.	.13	.43	.55	.70	.78	.86	.91	1.01	1.10					
July 3	D. N. a. m.	8:18 a. m.	1.87	2:58 a. m.	3:59 a. m.	.06	.30	.71	.81											
Do	7:01 p. m.	D. N. a. m.	1.30	11:39 p. m.	11:28 p. m.	.15	.10	.30	.63	.73										
Aug. 14	D. N. a. m.	D. N. a. m.	.83	12:25 a. m.	12:45 a. m.	.01	.13	.21	.31	.46										
Aug. 16	7:49 p. m.	8:45 p. m.	.89	8:00 p. m.	8:20 p. m.	.02	.11	.31	.64	.83										
Del Rio, Tex.:																				
Apr. 24	8:23 p. m.	9:10 p. m.	.28	8:58 p. m.	9:04 p. m.	T.	.26	.26												
June 1	6:36 p. m.	8:40 p. m.	.63	6:43 p. m.	7:05 p. m.	T.	.08	.25	.35	.47	.52									
Sept. 27	11:38 a. m.	3:20 p. m.	1.13	11:48 a. m.	12:09 p. m.	.02	.12	.25	.49	.46	.50									
Oct. 6	7:18 a. m.	12:4 p. m.	1.14	7:47 a. m.	8:36 a. m.	.03	.14	.24	.35	.43	.54	.59	.63	.						

EXCESSIVE RAINFALL, 1924

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
SOUTHERN SLOPE—continued																				
Roswell, N. Mex.:																				
July 9.....	4:36 p. m.	5:32 p. m.	0.79	4:55 p. m.	5:15 p. m.	0.65	0.19	0.37	0.65	0.72										
July 10.....	12:25 a. m.	8:05 a. m.	1.37	1:02 a. m.	1:16 a. m.	.07	.20	.30	.33											
Do.....	12:25 a. m.	8:05 a. m.	1.37	2:59 a. m.	3:09 a. m.	.85	.20	.30												
SOUTHERN PLATEAU																				
El Paso, Tex.:																				
July 11.....	1:10 a. m.	D. N. a. m.	.94	1:30 a. m.	1:53 a. m.	.01	.11	.22	.43	.65	0.77									
July 17.....	2:35 p. m.	3:20 p. m.	.58	2:42 p. m.	3:10 p. m.	.01	.07	.13	.37	.44	.50	0.57								
Santa Fe, N. Mex.:																				
Phoenix, Ariz.:																				
Independence, Calif.:																				
MIDDLE PLATEAU																				
Reno, Nev.:																				
Winnemucca, Nev.:																				
Moena, Utah:																				
Salt Lake City, Utah:																				
Grand Junction, Colo.:																				
NORTHERN PLATEAU																				
Baker, Oreg.:																				
Boise, Idaho:																				
Lewiston, Idaho:																				
Pocatello, Idaho:																				
Spokane, Wash.:																				
Walla Walla, Wash.:																				
NORTH PACIFIC COAST REGION																				
North Head, Wash.:																				
Port Angeles, Wash.:																				
Seattle, Wash.:																				
Tacoma, Wash.:																				
Tatoosh Island, Wash.:																				
Sept. 23.....	2:21 p. m.	3:48 p. m.	.36	2:21 p. m.	2:31 p. m.	0	.23	.30												
Portland, Oreg.:																				
Roseburg, Oreg.:																				
MIDDLE PACIFIC COAST REGION																				
Eureka, Calif.:																				
Point Reyes, Calif.:																				
Red Bluff, Calif.:																				
Sacramento, Calif.:																				
San Francisco, Calif.:																				
San Jose, Calif.:																				
SOUTH PACIFIC COAST REGION																				
Fresno, Calif.:																				
Los Angeles, Calif.:																				
San Diego, Calif.:																				
San Luis Obispo, Calif.:																				
ALASKA																				
Juneau, Alaska:																				
ISLAND POSSESSIONS																				
San Juan, P. R.:																				
Jan. 7.....	12:42 p. m.	1:20 p. m.	.36	12:48 p. m.	12:57 p. m.	.01	.20	.31												
Feb. 10.....	10:35 a. m.	11:15 a. m.	.44	10:35 a. m.	10:51 a. m.	0	.14	.29	.37	.42										
Feb. 13.....	3:35 p. m.	5:00 p. m.	1.31	4:04 p. m.	4:22 p. m.	.08	.27	.67	1.08	1.18										
Feb. 16.....	D. N. a. m.	D. N. a. m.	.66	12:29 a. m.	12:50 a. m.	.03	.11	.36	.44	.52	.55									
Apr. 5.....	10:10 p. m.	D. N. p. m.	.56	10:19 p. m.	10:38 p. m.	.02	.08	.35	.48	.53										
Apr. 26.....	7:05 p. m.	8:50 p. m.	2.55	7:50 p. m.	8:33 p. m.	.14	.17	.32	.64	.97	1.56	1.93	2.21	2.33	2.39					
Apr. 28.....	10:15 a. m.	11:55 a. m.	1.24	11:15 a. m.	11:36 a. m.	.19	.15	.56	.82	.95	1.00									
May 2.....	10:08 a. m.	10:50 a. m.	.62	10:10 a. m.	10:31 a. m.	.02	.25	.40	.48	.55	.58									
May 10.....	1:00 p. m.	4:10 p. m.	1.39	1:24 p. m.	1:34 p. m.	.12	.08	.51												
Do.....	1:00 p. m.	4:10 p. m.	1.39	2:22 p. m.	2:45 p. m.	.55	.07	.21	.26	.44	.55									
June 11.....	12:22 p. m.	3:45 p. m.	1.20	2:30 p. m.	3:06 p. m.	.24	.06	.21	.39	.52	.58	.73	.90	.93						
June 21.....	4:25 p. m.	5:45 p. m.	.85	4:28 p. m.	4:47 p. m.	.02	.12	.30	.64	.79										

* No excessive precipitation.

* Defective record.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes or 0.80 in 1 hour during 1924 at all stations furnished with self-registering gauges—Continued

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depths of precipitation (in inches) during periods of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
ISLAND POSSESSIONS—continued																				
San Juan, P. R.—Continued																				
July 4	D.N. a. m.	9:00 a. m.	1.29	7:31 a. m.	8:04 a. m.	0.51	0.06	0.15	0.29	0.31	0.43	0.55	0.66							
July 6	8:12 a. m.	3:15 p. m.	1.59	8:25 a. m.	8:55 a. m.	.01	.10	.36	.59	.71	.78	.84								
July 21	3:36 p. m.	4:50 p. m.	1.17	4:04 p. m.	4:26 p. m.	.04	.34	.58	.79	1.07	1.12									
Sept. 14	6:30 p. m.	7:30 p. m.	.67	6:43 p. m.	7:03 p. m.	.04	.09	.34	.53	.62										
Sept. 23	1:50 p. m.	3:43 p. m.	2.06	1:52 p. m.	2:41 p. m.	.01	.06	.17	.27	.34	.49	.86	1.11	1.45	1.81	1.92				
Sept. 25	3:40 p. m.	4:45 p. m.	.51	4:03 p. m.	4:10 p. m.	.03	.32	.43												
Oct. 24	D.N. a. m.	D.N. a. m.	.39	3:41 a. m.	3:46 a. m.	.05	.31													
Oct. 31	6:07 p. m.	8:55 p. m.	1.91	6:38 p. m.	7:36 p. m.	.05	.11	.20	.35	.42	.50	.59	.81	1.12	1.32	1.52	1.80			
Nov. 16	2:05 p. m.	2:33 p. m.	.45	2:11 p. m.	2:29 p. m.	.01	.07	.19	.38	.44										
Nov. 18	1:30 p. m.	2:25 p. m.	1.04	1:38 p. m.	1:57 p. m.	.01	.33	.63	.89	.98										
Nov. 20	D.N. p. m.	D.N. a. m.	1.05	12:00 md't	12:26 a. m.	.17	.09	.21	.42	.55	.66	.68								
Dec. 12	3:26 p. m.	4:55 p. m.	.70	3:47 p. m.	4:26 p. m.	.02	.06	.14	.26	.35	.43	.49	.58	.66						
Honolulu, Hawaii																				
Apr. 10	10:13 p. m.	* 7:50 a. m.	2.38	11:31 p. m.	11:56 p. m.	.01	.15	.24	.33	.55	.65									
Apr. 11	* 10:15 p. m.	7:50 a. m.	2.38	5:24 a. m.	5:39 a. m.	1.33	.20	.35	.48											
				9:17 p. m.	10:07 p. m.	.59	.08	.18	.63	.79	.85	.88	.91	.94	1.23	1.57				
Apr. 21	7:46 p. m.	* 11:40 a. m.	7.98	10:07 p. m.	10:57 p. m.	1.78	1.85	2.03	2.05	2.06	2.07	2.10	2.14	2.22	2.32					
				10:57 p. m.	11:40 p. m.	2.45	2.58	2.73	2.89	3.09	3.20	3.30	3.39	3.46						
Apr. 22	* 7:46 p. m.	11:40 a. m.	7.98	5:04 a. m.	5:26 a. m.	5.26	.08	.29	.39	.55	.59									
Do	* 7:46 p. m.	11:40 a. m.	7.98	6:17 a. m.	6:52 a. m.	6.01	.11	.25	.27	.33	.38	.50	.72							
Oct. 10	3:30 p. m.	4:55 p. m.	.90	4:18 p. m.	4:48 p. m.	.03	.17	.36	.53	.66	.73	.86								
Dec. 11	8:07 p. m.	* 7:32 a. m.	1.64	10:43 p. m.	11:18 p. m.	.87	.09	.14	.19	.32	.44	.52	.57							

* On following date.

* On previous date.

PART III

MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR TWO
HUNDRED AND ELEVEN STATIONS DURING 1924

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 of 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 latitude and altitude terms.
- (3) Correction for removal—a correction applied if any change has been made in the elevation of the barometer, to reduce the readings to the elevation adopted in 1900.

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

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

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

The extremes are determined from the barograph trace.

Temperature.—The temperature of the air at 8 a. m. and 8 p. m., seventy-fifth meridian time, and at noon, local 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., noon, 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, normal standard time. The monthly means have been obtained by dividing the sum of the mean maximum and mean minimum temperature 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 gauges 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 gauge is melted and measured as water. No correction is applied for the snow that is lost out of the gauge 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 gauge 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 gauges located on the roofs of tall buildings in which some of the regular stations of the Weather Bureau are located is undoubtedly larger than is the case at the cooperative stations, where the gauges 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 24 hours is meant the greatest measurement for any 24 consecutive hours; it does not refer to the rate of rainfall for 24 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, and at noon, local time, on a scale of 0-10. These 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 were 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.

Number of days.—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_0 =height of barometer cistern above mean sea level on January 1, 1900, or when the station was established, if it was established since January 1, 1900, that being the elevation to which all previous readings have been reduced. It is designated as the "station, or adopted, elevation." At stations where a change has been made in the elevation of the barometer since January 1, 1900, a corresponding correction has been applied to the observed reading, thereby reducing all values to the "station, or adopted, elevation." The actual elevation and the station, or adopted, elevation are identical, except at stations where the barometer has been moved since January 1, 1900. h_t =height of thermometer above ground; h_r =height of rain gauge above ground; h_a =height of anemometer above ground.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924

ABILENE, TEX.

[φ=32° 23' N.; λ=99° 40' W.]

Table with columns: Month, Pressure, Temperature, Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows list months from January to December and a Year total.

ALBANY, N. Y.

[φ=42° 39' N.; λ=73° 45' W.]

Table with columns: Month, Pressure, Temperature, Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows list months from January to December and a Year total.

ALPENA, MICH.

[φ=45° 05' N.; λ=83° 30' W.]

Table with columns: Month, Pressure, Temperature, Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows list months from January to December and a Year total.

AMARILLO, TEX.

[φ=35° 12' N.; λ=101° 50' W.]

Table with columns: Month, Pressure, Temperature, Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows list months from January to December and a Year total.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

ANNISTON, ALA.

[φ=83° 39' N.; λ=85° 50' W.]

Table for ANNISTON, ALA. showing monthly and yearly data for Pressure, Temperature, Dew point, Moisture, and Cloudiness. Columns include monthly means, extremes, and various measurements like precipitation and vapor pressure.

APALACHICOLA, FLA.

[φ=29° 45' N.; λ=84° 55' W.]

Table for APALACHICOLA, FLA. showing monthly and yearly data for Pressure, Temperature, Dew point, Moisture, and Cloudiness.

ASHEVILLE, N. C.

[φ=35° 36' N.; λ=82° 32' W.]

Table for ASHEVILLE, N. C. showing monthly and yearly data for Pressure, Temperature, Dew point, Moisture, and Cloudiness.

ATLANTA, GA.

[φ=33° 45' N.; λ=84° 23' W.]

Table for ATLANTA, GA. showing monthly and yearly data for Pressure, Temperature, Dew point, Moisture, and Cloudiness.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

ANNISTON, ALA.

[H_b=741 ft.; h₁=0 ft.; h₂=3 ft.; h_a=57 ft.]

Month	Wind											Number of days																
	By self-register				Number of winds, 8 a. m. and 8 p. m.							Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.		Minimum temperature 32° or below	Thunderstorms	Elec- tricity						
	Average hourly ve- locity	Preval- ling direc- tion	Maximum velocity	Direction at time of maximum velocity	Days with 40 miles and over	North	Northeast	East	Southeast	South	Southwest			West	Northwest	Calm	Clear	0.01 inch and over	0.04 inch and over				T. or more	0.01 inch or more melted	Hall	Dense fog	32° or below	40° or above
	Miles	Mi.	Mi.	Mi.																								
January	6.9	NW	37	SE	0	8	0	0	12	7	7	4	23	1	14	9	9	9	0	0	0	0	2	0	21	1	0	
February	6.5	NW	23	E	0	10	2	2	12	4	2	6	14	0	13	2	14	13	2	1	0	0	0	0	0	12	2	0
March	7.3	NW	34	E	0	12	1	1	4	6	6	4	25	3	12	9	10	11	2	0	0	0	0	0	11	1	0	
April	5.7	SE	33	SW	0	7	1	6	15	9	4	10	7	1	12	8	10	13	12	0	0	0	0	0	2	2	5	
May	4.8	NW	23	NW	0	8	0	0	2	5	15	10	20	2	18	6	7	10	9	0	0	0	0	0	0	7	0	
June	3.5	W	30	N	0	12	0	3	8	10	3	10	5	9	13	14	3	14	14	0	0	0	0	15	0	15	0	
July	3.5	N	24	NW	0	11	2	5	9	11	5	3	13	3	15	14	8	9	7	0	0	0	0	0	0	9	0	
August	3.7	S	21	N	0	7	2	0	10	21	6	4	10	2	21	8	5	5	0	0	0	0	0	23	0	10	0	
September	5.0	N	19	N	0	18	2	7	12	13	2	0	1	4	1	11	9	10	13	8	0	0	1	0	0	4	0	
October	3.7	SE	16	S	0	2	8	9	16	11	0	0	4	10	24	5	2	2	0	0	0	0	0	0	2	2	0	
November	4.6	S	24	NW	0	11	0	2	1	7	11	6	5	3	8	11	19	6	2	2	0	0	0	0	2	2	0	
December	6.5	N	25	NW	0	16	2	2	6	18	8	3	2	10	10	15	9	9	5	0	0	0	1	0	13	2	0	
Year	5.1	NW	34	E	0	122	20	36	116	126	64	60	138	51	182	99	85	110	90	6	4	1	1	3	58	69	57	0

APALACHICOLA, FLA.

[H_b=36 ft.; h₁=42 ft.; h₂=32 ft.; h_a=49 ft.]

January	10.0	N	38	NW	0	23	12	4	2	3	3	0	8	1	9	6	16	13	10	0	0	0	0	4	0	5	0	0
February	8.6	W	31	NE	0	9	5	5	8	5	4	13	8	1	12	10	7	9	7	0	0	1	0	0	0	0	3	0
March	9.3	NW	36	NE	0	8	7	6	8	5	9	6	13	0	13	8	10	10	8	0	0	0	0	0	0	0	5	0
April	7.8	SW	38	SE	0	7	4	6	7	13	11	8	3	1	13	10	7	8	6	0	0	0	3	0	0	0	7	0
May	6.8	SW	21	SW	0	13	3	0	1	8	22	11	4	0	16	11	4	5	4	0	0	0	1	0	0	0	3	0
June	5.6	SW	24	SW	0	5	4	2	2	4	19	16	8	0	14	12	4	12	10	0	0	1	0	0	7	0	15	0
July	5.6	W	31	N	0	13	9	0	4	4	9	19	3	1	9	16	6	16	13	0	0	0	0	0	0	0	0	0
August	5.6	NE	48	N	1	9	8	1	6	8	6	17	7	0	19	10	3	10	7	0	0	0	0	0	0	0	13	0
September	10.3	NE	67	SE	1	9	18	5	7	7	9	1	14	5	11	16	12	0	0	0	0	0	0	0	0	0	7	0
October	12.4	NE	31	NE	0	16	20	1	0	0	0	0	4	0	17	6	6	4	4	0	0	1	0	0	0	0	0	0
November	6.9	NW	31	NW	0	16	10	1	3	3	6	19	10	1	25	2	3	2	2	0	0	0	0	0	0	0	1	0
December	9.7	N	32	N	0	18	18	6	6	6	4	2	2	0	7	8	16	11	8	0	0	0	0	0	0	2	0	
Year	8.2	N	67	SE	2	146	137	37	84	64	95	118	76	6	168	104	94	116	91	0	0	2	15	0	22	5	76	0

ASHEVILLE, N. C.

[H_b=2,255 ft.; h₁=70 ft.; h₂=61 ft.; h_a=84 ft.]

January	10.7	NW	46	S	1	14	1	2	17	3	0	0	23	2	14	9	8	8	7	3	0	0	0	4	0	28	0	0
February	10.0	NW	31	N	0	12	0	5	11	3	1	9	26	0	9	9	11	11	9	19	0	0	0	1	0	0	21	0
March	11.6	NW	36	NW	0	13	0	12	5	0	9	29	0	11	8	12	12	11	9	9	0	0	0	2	5	0	18	0
April	9.6	NW	38	E	0	16	0	3	19	2	1	2	17	1	14	6	10	15	9	2	1	0	1	0	0	3	0	
May	7.8	NW	28	N	0	18	1	5	12	0	1	2	21	2	13	9	9	11	9	0	0	0	0	0	0	0	5	0
June	6.1	N	28	NW	0	11	0	4	17	4	5	3	13	3	9	18	3	15	11	0	0	0	0	0	0	1	0	
July	5.5	SE	38	N	0	18	2	1	15	4	2	0	16	1	4	20	7	17	15	0	0	0	0	0	0	0	7	0
August	5.5	SE	29	SE	0	16	1	4	16	5	3	8	11	1	13	16	3	11	8	0	0	1	7	0	0	0	12	0
September	8.0	SE	26	NW	0	10	0	1	26	6	1	0	17	2	7	10	13	12	10	0	0	0	4	0	0	0	1	0
October	5.1	NW	24	SE	0	1	0	3	24	2	0	0	24	8	22	5	4	4	4	0	0	0	8	0	0	3	0	
November	8.6	SE	33	N	0	20	0	1	22	0	0	0	14	3	19	5	6	1	1	3	0	0	2	0	0	6	0	
December	8.9	NW	33	SE	0	11	0	6	20	5	0	0	20	0	12	8	11	8	7	2	0	0	1	2	0	17	1	
Year	8.2	NW	46	S	1	159	6	29	215	89	14	15	236	23	147	122	97	125	101	29	9	1	42	14	1	96	38	0

ATLANTA, GA.

[H_b=1,174 ft.; h₁=196 ft.; h₂=182 ft.; h_a=216 ft.]

January	13.9	NW	50	NW	2	5	2	14	8	1	1	3	28	0	12	4	15	11	9	0	0	0	3	2	0	17	0	0
February	13.6	NW	42	E	1	0	1	13	6	2	1	9	26	0	10	5	14	11	8	4	0	0	2	0	0	9	0	
March	14.8	NW	48	NW	4	1	1	4	4	6	6	3	37	0	13	4	14	8	8	4	2	0	0	0	0	7	3	0
April	12.1	NW	46	NW	2	3	4	10	5	2	5	9	19	0	11	6	19	12	11	0	0	1	1	0	0	1	4	0
May	11.2	NW	49	NW	1	2	2	2	8	4	15	24	3	11	9	11	8	7	0	0	0	0	0	0	0	0	5	0
June	8.3	NW	49	NW	2	7	1	3	5	5	3	15	15	1	11	7	12	10	9	0	0	1	0	0	0	0	12	0
July	7.8	NW	46	NW	1	6	2	10	10	10	2	4	17	1	12	6	13	14	11	0	0	0	0	0	0	11	0	
August	10.3	E	30	SE	0	8	3	10	8	7	0	13	13	0	15	12	4	6	5	0	0	0	0	0	0	18	0	
September	9.1	E	43	NW	0	7	4	17	9	7	0	8	9	0	7	5	18	17	16	0	0	0	1	0	0	0	5	0
October	11.1	NW	37	NW	0	6	11	31	3	6	0	0	0	0	25	3	3	1	1	0	0	0	0	0	0	0	0	0
November	11.1	NW	40	NW	1	4	2	6	4	11	2	10	21	0	19	7	4	2	2	0	0	0	0	0	0	4	1	0
December	11.9	NW	38	NW	0	3	8	9	15	5	8	3	21	0	7	8	16	11	8	0	0	0	3	0	0	12	1	

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

ATLANTIC CITY, N. J.

[φ=39° 22' N.; λ=74° 25' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Rows include monthly means and a yearly total for Atlantic City, N. J.

AUGUSTA, GA.

[φ=32° 28' N.; λ=81° 54' W.]

Table with columns for month and various meteorological data for Augusta, GA.

BAKER, OREG.

[φ=44° 46' N.; λ=117° 50' W.]

Table with columns for month and various meteorological data for Baker, Oreg.

BALTIMORE, MD.

[φ=39° 17' N.; λ=76° 37' W.]

Table with columns for month and various meteorological data for Baltimore, Md.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

ATLANTIC CITY, N. J.

[H_s=52 ft.; h_c=37 ft.; h_r=33 ft.; h_a=172 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
January	20.5	NW	30	SE	14	4	2	5	8	9	13	19	0	14	6	11	8	7	3	0	0	0	0	4	0	19	0	0
February	18.3	NW	28	SE	11	6	4	4	4	4	4	4	0	13	6	10	9	8	10	7	0	0	0	4	0	22	1	0
March	20.8	NW	38	NE	11	6	4	5	1	5	10	23	0	17	5	9	9	8	8	1	1	0	0	0	0	11	0	0
April	19.8	NW	70	NE	11	2	5	5	8	7	6	15	12	0	12	9	12	11	1	1	0	0	0	0	0	3	3	0
May	19.4	S	50	E	7	2	9	3	4	13	12	9	10	0	16	4	11	16	14	0	0	0	1	0	0	0	4	0
June	12.2	S	53	W	3	6	7	6	5	17	7	3	8	0	7	14	9	11	9	0	0	0	6	0	0	0	8	0
July	13.2	S	48	NW	1	6	4	4	2	10	7	4	11	0	16	10	5	8	6	0	0	0	1	0	2	0	3	0
August	14.1	S	72	N	1	9	8	4	4	14	13	5	3	0	17	6	8	5	0	0	0	0	0	0	0	4	0	0
September	19.5	E	82	SE	9	5	5	10	2	8	4	4	9	0	13	7	10	14	10	0	0	0	0	1	0	0	2	0
October	13.9	NW	39	N	0	16	4	5	5	2	7	15	0	23	6	2	1	1	0	0	0	0	1	0	0	0	0	0
November	17.6	NW	62	S	7	6	2	1	3	1	15	12	18	0	13	8	5	4	1	1	0	0	2	0	0	7	2	0
December	16.4	NW	51	NE	7	10	2	1	4	7	7	14	18	0	13	3	15	9	6	2	0	0	2	5	0	19	0	0
Year	17.3	NW	88	NE	73	84	70	47	61	98	98	113	163	0	174	84	108	109	89	22	12	0	14	13	3	81	27	0

AUGUSTA, GA.

[H_s=182 ft.; h_c=62 ft.; h_r=54 ft.; h_a=77 ft.]

January	5.5	NW	36	S	0	4	13	5	3	5	3	5	21	3	14	4	13	10	6	0	0	0	2	1	0	11	0	0
February	6.2	NW	27	SW	0	4	8	8	1	4	3	10	15	5	12	7	10	10	6	0	0	0	2	0	0	8	2	0
March	6.3	NW	34	SW	0	3	5	2	6	5	10	6	23	2	16	6	9	8	6	2	1	0	1	0	0	5	1	0
April	6.3	NW	27	SW	0	3	6	8	9	6	8	9	12	10	14	6	10	9	8	0	0	0	0	0	0	0	2	0
May	6.3	NW	37	SW	0	3	6	10	8	10	8	12	18	1	14	6	10	11	10	0	0	0	0	3	0	6	0	0
June	4.9	S	33	SE	0	3	6	6	16	10	4	10	0	6	11	6	13	13	9	0	0	0	1	0	17	0	12	0
July	4.3	S	33	N	0	5	11	7	9	9	6	4	8	3	12	11	9	12	10	0	0	0	0	15	0	9	0	0
August	4.4	S	27	NE	0	2	8	13	10	8	7	1	9	4	14	15	2	11	8	0	0	0	1	0	24	0	9	0
September	5.4	NE	29	NW	0	5	26	7	5	6	2	2	7	0	8	7	15	17	13	0	0	0	1	0	2	0	4	0
October	4.4	NE	20	NE	0	12	18	6	0	1	1	22	1	23	5	3	3	3	0	0	0	0	0	0	0	0	0	0
November	4.5	NW	26	NW	0	4	7	0	6	4	7	3	21	8	22	6	2	3	3	0	0	0	7	0	0	2	1	0
December	5.2	NW	26	NW	0	11	12	2	5	6	5	6	14	2	8	9	14	9	6	0	0	0	4	0	0	5	2	0
Year	5.3	NW	37	SW	0	50	123	64	69	77	68	63	179	30	163	105	98	116	92	2	1	0	19	1	61	31	48	0

BAKER, OREG.

[H_s=3,471 ft.; h_c=48 ft.; h_r=40 ft.; h_a=53 ft.]

January	5.6	SE	20	NW	0	2	2	2	36	7	0	2	3	0	5	5	21	6	4	13	5	0	2	18	0	29	0	0	
February	5.6	SE	19	SE	0	6	2	3	28	4	1	0	10	0	4	12	13	14	9	5	3	1	0	0	0	21	0	0	
March	6.9	SE	30	NW	0	9	5	1	23	0	0	5	19	0	7	14	10	8	2	14	7	0	0	0	0	30	1	0	
April	6.5	SE	26	N	0	5	3	2	21	3	2	6	18	0	14	8	8	4	2	3	2	0	0	0	0	20	0	0	
May	6.5	SE	25	N	0	3	3	4	28	1	1	2	20	0	14	12	5	4	3	2	1	0	0	0	0	4	1	0	
June	6.2	NW	28	NW	0	4	4	0	27	2	1	1	21	0	16	7	7	5	4	1	0	0	0	0	0	1	0	3	0
July	6.1	NW	29	SW	0	3	1	1	27	1	4	5	20	0	13	15	5	2	0	0	0	0	0	0	9	10	0	2	0
August	5.8	NW	21	N	0	2	1	0	32	1	0	4	21	1	13	9	9	3	3	0	0	0	0	0	4	0	2	0	
September	6.6	SE	30	S	0	5	1	4	30	3	3	2	12	0	9	12	9	4	1	0	0	1	0	0	2	8	1	0	
October	7.4	SE	29	NW	0	1	2	7	27	8	1	1	14	0	6	6	19	5	4	4	2	0	0	0	0	3	0	0	
November	6.7	SE	30	S	0	2	0	2	37	4	3	2	4	1	9	7	14	9	6	4	0	2	2	0	2	0	0	0	
December	6.1	SE	22	S	0	0	3	0	40	4	1	6	7	1	5	8	18	12	9	14	10	0	3	17	0	28	0	0	
Year	6.3	SE	30	NW	0	42	27	26	356	39	17	53	169	3	115	113	138	70	48	62	34	2	7	37	17	161	10	0	

BALTIMORE, MD.

[H_s=123 ft.; h_c=100 ft.; h_r=90 ft.; h_a=113 ft.]

January	6.2	NW	32	SE	0	6	9	4	6	11	6	12	7	1	11	9	11	6	6	5	1	0	2	4	0	21	0	0
February	6.6	NW	24	NE	0	9	13	1	1	5	11	9	12	0	3	10	11	8	8	7	4	4	0	0	0	19	0	0
March	7.2	NW	32	NE	0	10	12	3	3	2	4	11	16	0	12	10	19	12	9	8	1	0	0	0	0	0	0	0
April	6.5	W	28	SW	0	5	8	3	3	13	11	9	6	0	13	6	9	13	15	9	0	0	0	0	0	0	3	0
May	7.0	SW	36	NE	0	4	10	4	6	8	17	9	4	0	9	7	16	19	14	0	0	0	0	0	0	0	0	0
June	6.3	S	28	NE	0	10	9	11	5	14	7	0	3	1	7	8	15	13	11	0	0	0	0	0	4	0	9	0
July	5.1	S	17	S	0	10	2	6	8	15	12	3	5	1	13	10	8	5	4	0	0	0	0	0	0	3	0	5
August	5.3	SW	20	W	0	7	9	7	4	14	12	3	6	0	13	12	6	7	0	0	0	0	0	0	8	0	10	0
September	6.4	E	27	SE	0	6	12	8	6	8	3	9	0	8	0	16	11	9	0	0	0	0	0	2	0	4	1	0
October	4.4	N	20	N	0	30	7	2	2	5	5	3	5	8	23	2	0	2	1	0	0	0	3	0	0	0	0	0
November	5.2	SW	19	SW	0	13	5	0	1	8	19	5	8	1	10	11	9	7	4	2	2	0	0	0	0	0	8	0
December	5.4	SW	26	W	0	5	7	5	3	9	13	8	12	0	6	9	16	9	7	2	0	0	2	5	0	21</		

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

BINGHAMTON, N. Y.

[φ=42° 06' N.; λ=75° 55' W.]

Table with columns: Month, Pressure (Extremes, Mean), Temperature (Extremes, Mean), Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Yearly total.

BIRMINGHAM, ALA.

[φ=33° 32' N.; λ=86° 50' W.]

Table with columns: Month, Pressure, Temperature, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Yearly total.

BISMARCK, N. DAK.

[φ=46° 47' N.; λ=100° 26' W.]

Table with columns: Month, Pressure, Temperature, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Yearly total.

BLOCK ISLAND, R. I.

[φ=41° 10' N.; λ=71° 38' W.]

Table with columns: Month, Pressure, Temperature, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Yearly total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

BINGHAMTON, N. Y.

[H_b=871 ft.; h₁=10 ft.; h₂=3 ft.; h₃=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	Precipitation		Snow		Dense fog	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras
											0.01 inch and over	0.04 inch and over	T. or more	0.01 inch or more melted															
January	8.6	NW	34	NW	0	2	2	3	3	3	3	0	8	0	2	10	19	11	6	15	6	0	0	8	0	27	0	0	
February	9.3	NW	33	SE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	29	0	0
March	7.8	NW	33	SW	0	0	4	4	4	0	1	1	9	10	1	3	13	15	11	2	14	7	1	7	0	26	1	0	
April	6.8	NW	33	SW	0	0	5	4	5	4	2	2	3	1	0	0	9	15	14	12	6	3	0	2	0	6	1	0	
May	6.8	W	32	SW	0	0	3	5	3	3	3	3	4	0	0	0	9	20	17	13	0	0	0	0	0	0	5	0	
June	4.7	NE	39	SW	0	0	2	8	4	1	1	1	1	1	1	5	13	12	12	9	0	0	0	0	0	0	6	0	
July	4.8	W	29	W	0	0	1	9	7	0	0	1	3	3	0	13	10	8	15	13	0	0	0	0	0	0	9	0	
August	4.4	SW	23	NW	0	0	4	8	7	0	0	0	0	0	0	6	17	8	13	10	0	0	0	0	3	0	6	0	
September	5.3	W	22	S	0	0	3	8	6	0	0	0	0	0	0	6	6	18	10	7	0	0	0	0	0	0	0	1	
October	4.1	NW	18	W	0	0	4	8	3	0	1	0	0	0	0	15	10	6	2	2	1	0	0	13	0	0	5	0	
November	6.5	SW	31	NW	0	0	3	3	3	3	4	4	0	0	0	4	4	18	9	5	0	0	1	1	3	0	15	0	
December	7.1	NW	30	SW	0	0	3	4	3	3	3	1	0	0	0	4	2	25	13	7	7	0	0	0	14	0	0	0	
Year	6.1	NW	34	NW	0	31	68	64	22	23	36	57	73	2	77	109	160	137	95	81	37	2	17	53	3	135	28	1	

BIRMINGHAM, ALA.

[H_b=700 ft.; h₁=11 ft.; h₂=3 ft.; h₃=48 ft.]

January	7.9	N	35	SE	0	14	5	8	12	4	2	6	11	0	16	6	9	11	9	0	0	0	0	0	3	0	17	0	0
February	7.7	NW	31	SE	0	12	5	8	3	6	6	7	11	0	12	4	13	12	9	1	1	0	0	0	0	0	8	3	0
March	8.5	NW	36	S	0	16	4	6	1	10	3	3	18	0	12	5	14	10	10	2	1	0	0	0	0	5	3	0	
April	7.2	N	27	S	0	10	5	8	3	7	12	4	5	0	11	10	9	12	11	0	0	0	0	0	0	1	5	0	
May	6.4	NW	28	S	0	8	3	8	1	9	9	12	15	0	14	9	8	9	9	0	0	0	0	0	0	0	0	8	0
June	4.7	S	26	S	0	9	4	8	5	10	14	6	4	0	6	18	6	13	13	0	0	0	0	0	0	17	0	18	0
July	4.6	N	29	NW	0	16	3	7	4	8	10	5	9	0	17	12	2	8	6	0	0	0	0	0	0	20	0	11	0
August	4.9	S	24	SE	0	15	3	6	7	16	7	1	6	1	12	15	4	6	5	0	0	0	0	0	0	27	0	12	0
September	6.8	N	37	NW	0	21	9	9	11	6	1	1	2	0	10	11	9	9	8	0	0	0	0	0	0	5	0	5	0
October	5.5	E	19	SE	0	10	15	21	8	2	1	1	4	0	25	3	3	0	0	0	0	0	0	0	0	0	0	0	0
November	6.4	NW	26	S	0	10	1	4	9	7	9	6	14	0	26	3	2	1	0	0	0	0	0	1	0	0	5	0	
December	8.2	N	32	SE	0	19	1	12	7	13	3	3	4	0	12	7	12	11	10	0	0	0	0	0	2	0	13	2	0
Year	6.6	N	37	NW	0	160	58	102	76	98	79	55	103	1	172	103	91	102	90	3	2	0	1	5	69	49	67	0	

BISMARCK, N. DAK.

[H_b=1,674 ft.; h₁=8 ft.; h₂=3 ft.; h₃=57 ft.]

January	8.6	NW	34	NW	0	10	2	2	5	6	1	9	24	3	10	9	12	3	0	11	2	0	0	23	0	31	0	0	
February	8.5	NW	39	NW	0	7	4	8	10	4	4	5	17	1	10	7	12	4	3	6	3	0	0	13	0	26	0	0	
March	8.8	E	19	SE	0	9	8	3	3	1	11	2	6	10	16	4	3	12	4	0	0	0	0	9	0	31	0	0	
April	11.4	NW	44	N	1	18	3	6	3	3	5	3	18	1	4	7	19	11	9	11	8	0	0	0	0	22	0	0	
May	10.4	N	52	NW	1	24	9	7	2	2	2	4	10	2	8	9	14	5	4	3	3	0	0	0	0	7	1	0	
June	8.4	N	78	W	1	15	7	9	7	4	3	3	10	2	3	10	17	18	12	0	0	0	0	0	0	0	8	0	
July	8.6	S	34	SE	0	11	2	7	13	11	3	5	10	0	17	9	5	8	8	0	0	0	0	0	0	2	0	7	0
August	8.2	NW	37	NW	0	18	3	9	6	6	0	4	16	0	13	8	12	5	3	0	0	0	0	0	0	4	0	7	0
September	9.1	NW	36	S	0	10	5	7	11	8	0	1	17	1	12	9	9	4	0	0	0	0	0	0	0	0	1	2	1
October	9.3	SE	44	SW	1	3	6	10	14	7	2	5	15	0	14	5	12	5	6	0	0	0	0	0	0	0	0	0	0
November	10.7	NW	40	NW	1	10	2	4	5	4	1	4	30	0	7	10	13	2	1	5	1	0	0	0	0	0	26	0	0
December	9.7	NW	36	N	0	8	3	5	7	3	3	7	25	1	9	7	15	7	2	14	7	0	0	0	26	0	31	0	0
Year	9.9	NW	78	W	5	143	52	91	91	61	27	51	203	13	112	98	156	79	54	62	26	3	0	80	6	178	25	1	

BLOCK ISLAND, R. I.

[H_b=26 ft.; h₁=11 ft.; h₂=3 ft.; h₃=46 ft.]

January	24.5	NW	62	NW	17	1	1	3	4	2	18	9	24	0	11	4	16	10	7	4	1	0	0	0	0	20	0	0	
February	21.0	NW	60	E	10	10	4	3	3	0	5	4	13	19	0	13	6	10	10	6	6	4	0	0	14	0	28	1	0
March	22.6	W	72	NE	13	5	12	3	1	11	4	11	19	0	16	5	10	10	6	6	0	0	0	0	0	16	2	3	0
April	19.7	SW	69	W	9	4	3	4	11	4	11	12	11	0	13	9	8	15	12	0	0	0	0	0	0	0	0	1	0
May	17.4	SW	63	NE	4	3	10	2	6	9	17	10	5	0	10	11	10	16	11	0	0	0	0	0	0	0	0	1	0
June	12.4	SW	37	N	0	0	3	1	12	6	8	17	7	0	0	12	8	9	12	6	0	0	0	0	0	0	5	0	
July	12.8	SW	34	W	0	0	0	1	5	2	24	13	2	0	16	6	9	8	4	0	0	0	0	10	0	0	0	2	0
August	13.2	SW	78	N	1	3	7	0	6	0	33	3	4	0	14	6	9	6	0	0	0	0	0	1	0	0	0	8	0
September	15.6	SE	54	SE	3	2	11	4	14	5	11	8	5	0	10	12	8	7	6	0	0	0	1	0	0	0	1	0	
October	16.5	NW	46	NW	4	9	7	6	1	3	11	7	18	0	20	5	6	2	1	0	0	0	0	0	0	0	0	0	0
November	20.3	SW	66	NW	11	4	3	4	2	4	16	9	18	0	11	4	15	7	4	0	0	1							

Annual meteorological summary for the year ending December 31, 1924—Continued

BOISE, IDAHO

[φ=43° 37' N.; λ=116° 13' W.]

Table with columns: Month, Pressure (Extremes, Mean), Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness). Rows include months from January to December and a Year total.

BOSTON, MASS.

[φ=42° 21' N.; λ=71° 04' W.]

Table with columns: Month, Pressure (Extremes, Mean), Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness). Rows include months from January to December and a Year total.

BROKEN ARROW, OKLA.

[φ=36° 02' N.; λ=95° 49' W.]

Table with columns: Month, Pressure (Extremes, Mean), Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness). Rows include months from January to December and a Year total.

BROWNSVILLE, TEX.

[φ=28° 00' N.; λ=97° 26' W.]

Table with columns: Month, Pressure (Extremes, Mean), Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness). Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

BOISE, IDAHO

[H_b=2,739 ft.; h₁=78 ft.; h_r=72 ft.; h_a=86 ft.]

Month	Wind											Number of days																	
	By self-register				Number of winds, 8 a. m. and 8 p. m.							Clear	Partly cloudy	Cloudy	Precipitation		Snow		Dense fog	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	Calin	0.01 inch and over		0.04 inch and over	T. or more 0.01 inch or more melted	Hail		32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras	
	Miles		Mi.																										
January	3.3	NW	17	W	0	18	2	2	7	4	2	9	15	2	6	11	14	7	4	12	4	0	5	17	0	29	0	0	
February	4.8	SE	31	W	0	0	0	0	18	7	1	8	16	4	9	9	11	13	7	1	0	0	3	0	0	9	0	0	
March	6.1	NW	28	N	0	4	1	2	11	4	1	11	18	4	10	9	12	5	3	8	0	0	0	0	0	22	0	0	
April	6.5	NW	26	NW	0	7	2	5	10	4	1	12	18	1	15	9	6	5	3	1	0	1	0	0	0	4	0	0	
May	5.9	NW	30	NW	0	3	3	3	14	1	0	14	19	5	23	7	1	2	0	1	0	1	0	0	0	4	1	0	
June	5.0	NW	24	NW	0	6	1	3	16	3	0	5	21	5	22	6	2	2	2	0	0	1	1	0	0	0	1	0	
July	5.3	NW	25	W	0	3	0	4	13	2	2	12	23	3	20	4	0	0	0	0	0	0	0	0	16	0	1	0	
August	4.2	NW	22	NW	0	3	1	5	15	3	0	8	25	2	27	3	1	1	1	1	0	0	1	0	12	0	0	0	
September	4.9	SE	25	W	0	9	7	1	3	12	6	4	5	21	1	21	3	6	5	3	0	1	0	0	4	2	0	1	0
October	6.0	SE	25	SE	0	6	1	2	14	3	6	5	15	4	8	12	11	7	6	0	0	0	0	0	0	0	0	0	0
November	5.0	SE	34	W	0	12	2	8	16	2	1	12	14	0	13	5	5	2	0	0	0	0	0	0	0	0	17	0	0
December	4.2	NW	28	SE	0	9	1	5	14	7	2	10	11	3	6	7	18	10	10	11	7	0	2	12	0	28	0	0	
Year	5.1	NW	34	W	0	81	15	58	163	46	20	99	216	34	180	92	94	66	45	39	17	4	11	29	37	111	4	0	

BOSTON, MASS.

[H_b=125 ft.; h₁=115 ft.; h_r=154 ft.; h_a=188 ft.]

January	12.3	W	50	W	3	0	1	1	3	5	17	29	6	0	12	10	9	8	6	9	5	0	0	0	7	0	26	0	0
February	10.7	W	34	E	0	9	2	2	1	1	0	20	17	0	15	6	8	7	7	5	10	0	0	0	0	12	0	29	0
March	12.2	W	41	NW	1	8	3	3	4	3	16	14	0	0	11	12	8	12	9	3	0	0	0	0	0	0	0	15	1
April	11.5	W	42	E	1	12	4	8	9	3	6	15	10	0	6	15	9	12	9	3	0	0	0	0	0	0	0	2	1
May	10.9	W	39	SW	0	3	9	3	3	13	19	6	0	0	6	13	12	11	7	0	0	0	0	0	0	0	0	2	0
June	8.8	SW	30	SE	0	5	7	4	3	10	15	12	4	0	10	14	6	6	6	0	0	1	0	1	0	0	0	2	0
July	9.1	SW	34	W	0	4	0	5	3	4	20	22	4	0	9	18	4	7	5	0	0	0	1	0	5	0	5	0	
August	8.6	SW	44	N	1	4	4	4	4	5	22	9	10	0	11	11	9	9	9	0	0	0	1	0	5	0	6	1	
September	8.6	W	40	S	1	4	2	4	10	6	9	16	9	0	10	10	10	11	9	0	0	0	3	0	1	0	4	0	
October	9.1	W	26	W	0	8	2	3	1	2	11	19	16	0	0	17	11	3	2	1	0	0	0	2	0	0	0	4	
November	10.6	SW	37	W	0	6	0	0	4	5	21	16	8	0	11	10	9	5	5	4	2	0	0	1	0	0	5	0	
December	11.4	W	39	W	0	4	0	0	4	4	9	28	13	0	7	11	13	9	8	6	1	0	1	9	0	24	0	0	
Year	10.3	W	50	W	7	60	39	40	51	52	152	221	117	0	125	141	100	94	75	41	20	0	11	29	12	101	22	1	

BROKEN ARROW, OKLA.

[H_b=765 ft.; h₁=11 ft.; h_r=4 ft.; h_a=56 ft.]

January	13.7	S	36	S	0	8	3	3	4	8	1	3	1	0	15	4	12	8	6	6	1	0	2	0	2	0	24	0	0
February	13.1	N	48	NW	1	10	1	1	1	4	4	2	6	0	10	6	13	6	4	3	1	0	1	6	0	0	15	0	0
March	14.1	N	64	SW	4	8	4	4	1	3	1	3	7	0	15	3	13	15	11	8	6	0	1	0	0	0	14	4	0
April	14.1	SE	64	NW	3	1	5	2	6	7	3	0	6	0	13	7	10	9	6	0	0	1	0	0	0	0	1	7	0
May	12.1	S	49	N	2	4	5	1	2	7	5	1	6	0	10	11	10	6	4	0	0	1	1	0	0	0	0	8	0
June	15.0	S	58	S	6	1	3	2	5	10	4	1	1	0	7	21	2	6	6	0	0	2	0	0	0	14	0	12	0
July	10.2	S	41	N	1	6	2	2	6	11	1	0	3	0	10	11	10	9	9	0	0	0	0	0	0	0	11	0	
August	10.9	S	51	NW	1	4	3	4	7	13	0	0	0	0	13	8	10	8	6	0	0	1	0	0	0	0	0	8	0
September	11.5	SE	46	SE	2	11	2	0	6	9	1	0	1	0	0	22	6	3	2	0	0	0	0	1	0	0	0	4	0
October	11.2	SE	48	S	2	3	2	2	0	3	10	2	3	4	0	17	7	6	2	1	1	0	0	0	0	0	6	2	0
November	14.5	S	48	S	3	3	3	2	0	3	10	7	1	0	13	7	11	5	4	3	0	0	1	10	0	21	3	0	
December	13.3	N	37	N	0	9	3	1	5	6	2	2	3	0	13	7	11	5	4	3	0	0	1	10	0	21	3	0	
Year	12.8	S	64	SW	25	71	38	21	63	95	25	15	38	0	100	103	103	88	65	21	9	5	7	18	52	81	71	0	

BROWNSVILLE, TEX.

[H_b=57 ft.; h₁=53 ft.; h_r=45 ft.; h_a=61 ft.]

January	8.5	N	32	S	0	26	6	7	11	7	0	2	3	0	3	9	20	14	7	1	0	0	3	0	0	0	1	0	0
February	9.4	S	33	NW	0	14	3	6	17	12	3	0	2	0	12	11	6	7	6	0	0	0	2	0	0	0	0	2	0
March	9.7	S	31	N	0	11	7	10	16	16	0	1	0	0	1	1	20	19	4	1	0	0	1	0	0	0	0	0	0
April	8.2	S	26	S	0	7	6	8	13	15	1	0	2	0	0	5	13	7	2	1	0	0	0	1	0	1	0	1	0
May	8.9	S	31	E	0	8	6	8	13	20	2	0	0	0	0	8	16	7	11	8	0	0	0	0	0	5	0	9	0
June	7.8	S	22	S	0	2	3	3	35	17	0	0	0	0	0	22	6	2	7	6	0	0	0	0	0	16	0	5	0
July	8.7	S	24	S	0	4	6	4	33	15	0	0	0	0	0	21	9	1	5	3	0	0	0	0	0	20	0	1	0
August	8.0	S	23	SW	0	1	1	2	44	12	1	0	0	0	1	27	3	1	5	3	0	0	0	0	0	30	0	2	0
September	6.8	SE	25	N	0	13	12	11	17	4	1	0	2	0	15	10	5	9	7	0	0	0	0	0	0	12	0	5	0
October	6.1	N	24	NE	0	14	18	7	13	3	1	0	5	1	17	10	4	9	8	0	0	0	1	0	0	0	0	1	0
November	7.4	S	27	SW	0	8	5	7	17	20	1	0	1																

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

BUFFALO, N. Y.

[φ=42° 53' N.; λ=78° 53' W.]

Table for Buffalo, N. Y. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

BURLINGTON, VT.

[φ=44° 29' N.; λ=73° 12' W.]

Table for Burlington, VT. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

CAIRO, ILL.

[φ=37° 00' N.; λ=89° 10' W.]

Table for Cairo, Ill. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

CANTON, N. Y.

[φ=44° 36' N.; λ=75° 10' W.]

Table for Canton, N. Y. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

BUFFALO, N. Y.

[H₀=767 ft.; h₁=247 ft.; h₂=238 ft.; h₃=280 ft.]

Month	Wind											Number of days																	
	By self-register					Number of winds, 8 a. m. and 8 p. m.						Partly cloudy	Cloudy	Precipitation		Snow		Hall	Dense fog	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			0.01 inch and over	0.04 inch and over	T. or more 0.01 inch or more melted	Thunderstorms	Auroras	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras
January	25.9	W.	76	SW.	20	0	0	4	3	5	18	26	6	0	2	8	21	19	13	22	12	0	1	13	0	28	0	0	
February	18.4	W.	64	SW.	10	0	8	13	1	2	11	17	6	0	5	7	17	19	15	23	18	0	2	21	0	20	0	0	
March	17.2	W.	62	SW.	5	3	5	9	2	1	13	13	16	0	4	2	19	12	7	18	9	1	0	10	0	28	0	0	
April	16.1	SW.	52	SW.	1	1	3	12	6	3	20	10	5	0	10	9	11	12	12	5	4	1	1	1	1	11	1	0	
May	19.3	SW.	56	SW.	11	0	6	6	4	3	21	16	6	0	4	16	11	10	10	1	1	0	0	0	0	1	3	0	
June	13.2	SW.	50	W.	3	1	4	6	4	6	23	14	2	0	9	13	8	11	10	0	0	0	0	0	0	0	5	0	
July	14.5	SW.	60	W.	6	0	5	8	3	5	20	12	9	0	14	10	7	12	11	0	0	0	0	0	0	0	11	0	
August	12.8	SW.	52	NW.	4	4	4	4	1	11	17	7	11	1	7	16	8	8	6	0	0	0	0	0	0	0	5	0	
September	14.9	SW.	60	W.	4	4	10	3	12	6	8	9	7	9	0	8	7	15	11	0	0	1	0	0	0	0	2	0	
October	13.2	SW.	62	W.	2	2	2	2	2	2	21	8	3	0	12	13	6	2	1	1	1	0	0	0	0	1	1	0	
November	22.0	SW.	66	W.	18	0	2	4	3	6	17	12	16	0	5	10	15	12	7	11	7	1	0	5	0	13	1	0	
December	24.1	W.	80	W.	2	2	4	6	4	3	11	23	9	0	2	4	25	19	16	21	12	0	0	19	0	28	2	0	
Year	17.6	SW.	80	W.	100	20	56	90	44	57	201	165	98	1	82	121	163	154	119	102	63	4	5	60	0	138	32	2	

BURLINGTON, VT.

[H₀=404 ft.; h₁=11 ft.; h₂=3 ft.; h₃=48 ft.]

January	14.0	S.	44	NW.	2	3	2	4	1	2	9	5	1	0	0	2	7	22	12	5	20	8	0	0	16	0	30	0	0
February	8.9	N.	35	S.	0	10	3	1	1	2	5	3	2	0	0	9	7	15	9	7	15	9	0	0	25	0	0	0	0
March	10.2	N.	40	SW.	6	10	1	2	3	3	3	9	9	0	6	5	20	10	6	13	6	0	0	0	7	0	37	1	0
April	10.6	N.	40	SW.	1	10	1	1	1	1	8	1	1	7	0	5	9	16	15	12	5	4	0	0	1	0	10	0	0
May	11.3	S.	50	S.	2	3	0	1	1	13	4	2	7	0	2	10	19	13	11	1	1	0	0	0	0	0	3	0	
June	8.9	S.	42	S.	1	5	2	1	1	11	3	5	1	1	7	13	10	10	7	0	0	0	0	0	0	0	6	0	
July	9.2	S.	40	NW.	1	2	1	2	3	13	5	2	3	0	11	9	11	12	9	0	0	0	0	0	0	0	0	7	0
August	9.2	S.	36	S.	0	5	0	1	0	16	5	2	2	0	0	7	13	11	11	9	0	0	0	0	0	0	0	0	
September	10.0	S.	44	S.	1	3	1	6	0	15	1	2	2	0	11	3	16	11	9	0	0	0	1	0	0	1	0	1	
October	9.8	S.	39	S.	0	5	0	2	2	12	2	1	7	0	12	11	8	2	2	3	0	0	0	0	0	0	7	0	
November	16.5	S.	50	S.	8	3	1	2	0	16	0	1	7	0	2	10	18	6	4	7	4	0	0	3	0	13	0	0	
December	14.1	S.	39	S.	0	2	1	5	2	9	1	1	10	0	4	4	23	11	6	20	7	0	0	22	0	29	0	0	
Year	11.0	S.	50	S.	16	61	13	28	16	130	34	20	63	1	78	101	187	122	87	84	39	0	2	75	0	146	23	3	

CAIRO, ILL.

[H₀=358 ft.; h₁=87 ft.; h₂=80 ft.; h₃=93 ft.]

January	9.5	S.	34	N.	0	6	4	3	12	15	7	3	12	0	10	8	13	12	9	6	2	0	1	10	0	25	0	0
February	10.9	N.	37	N.	0	12	8	1	9	6	8	3	11	0	7	10	12	9	6	6	4	0	1	2	0	16	1	0
March	11.0	NW.	60	SW.	2	14	8	3	6	6	4	7	14	0	5	10	16	10	3	9	5	0	0	1	0	10	3	0
April	9.5	S.	34	SW.	0	6	5	15	13	6	0	9	0	0	6	11	13	11	9	0	0	0	0	0	0	0	2	7
May	8.7	S.	48	NW.	1	14	1	5	7	15	9	3	8	0	8	13	10	13	13	0	0	2	0	0	0	0	13	0
June	7.7	S.	30	N.	0	9	6	3	5	20	8	2	7	0	3	13	14	16	12	0	0	0	1	0	0	4	0	
July	5.7	N.	33	NW.	0	15	7	2	11	11	7	3	5	1	12	12	7	11	11	0	0	0	0	0	0	0	0	9
August	5.9	N.	42	N.	1	15	8	2	10	10	4	1	2	1	17	6	8	7	6	0	0	0	0	0	0	0	0	7
September	8.3	N.	30	N.	0	21	5	3	11	9	1	0	3	0	12	11	7	8	0	0	0	1	0	0	0	0	0	0
October	6.3	N.	28	S.	0	17	15	3	11	6	4	0	4	2	10	9	3	2	1	0	0	0	0	0	0	0	0	0
November	9.6	S.	36	S.	0	12	2	7	21	8	6	2	0	0	12	9	4	3	2	0	0	0	2	0	0	4	1	
December	10.2	S.	33	N.	0	16	4	4	9	15	6	1	7	0	10	3	18	9	7	5	3	0	2	9	0	18	1	
Year	8.6	S.	60	SW.	4	157	74	38	113	156	72	29	89	4	121	115	130	112	93	28	14	5	8	22	23	75	50	

CANTON, N. Y.

[H₀=448 ft.; h₁=10 ft.; h₂=4 ft.; h₃=61 ft.]

January	13.7	SW.	55	W.	7	0	1	3	1	3	12	10	1	0	5	7	19	16	16	21	14	0	0	19	0	30	0	0
February	10.8	W.	44	E.	2	1	3	5	1	2	8	8	0	0	13	7	9	10	9	15	10	0	0	28	0	29	0	0
March	11.3	W.	46	SW.	1	2	3	5	1	1	8	5	8	0	11	8	12	11	9	13	8	0	0	8	0	30	1	0
April	10.7	SW.	32	SW.	0	2	1	4	1	3	7	8	3	0	11	8	11	15	14	7	5	0	0	0	0	15	1	
May	14.2	W.	32	E.	5	0	0	6	2	1	8	11	3	0	9	11	11	14	11	0	0	0	0	0	0	1	1	
June	9.3	SW.	42	SW.	1	1	2	2	2	1	13	8	2	0	21	7	2	11	8	0	0	0	0	0	0	0	7	
July	8.7	SW.	36	NW.	0	2	1	0	0	1	17	6	4	0	19	9	3	12	10	0	0	0	0	0	0	0	7	
August	7.5	SW.	47	W.	2	3	2	1	0	7	9	7	2	0	17	9	5	13	11	0	0	0	1	0	0	0	5	
September	7.8	W.	23	SW.	0	2	0	4	1	6	8	6	3	0	10	8	12	10	0	0	0	0	0	0	0	1	5	
October	8.8	SW.	44	W.	1	2	2	3	0	6	9	5	4	0	20	6	5	5	4	1	0	0	0	0	0	12	1	
November	13.3	SW.	53	SW.	4	0	1	1	0	3	13	7	5	0	5	7	18	9	8	6	3	0	0	4	0	18	1	
December	12.4	SW.	53	W.	2	1	3	5</																				

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

CAPE HENRY, VA.

[φ=36° 56' N.; λ=76° 00' W.]

Table with columns for Month, Pressure (Extremes, Mean, Dew point), Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

CAPE MAY, N. J.

[φ=38° 56' N.; λ=74° 51' W.]

Table with columns for Month, Pressure (Extremes, Mean, Dew point), Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

CHARLES CITY, IOWA

[φ=43° 04' N.; λ=92° 38' W.]

Table with columns for Month, Pressure (Extremes, Mean, Dew point), Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

CHARLESTON, S. C.

[φ=32° 47' N.; λ=79° 56' W.]

Table with columns for Month, Pressure (Extremes, Mean, Dew point), Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

CAPE HENRY, VA.

[H_b=18 ft.; h₁=8 ft.; h_r=3 ft.; h_a=54 ft.]

Month	Wind										Number of days																	
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.		Thunderstorms	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	0.01 inch and over			0.04 inch and over	T. or more	0.61 inch or more melted	Hail	Dense fog	32° or below	90° or above	Minimum temperature 32° or below
January	15.5	NW	48	N.	9	8	11	3	11	2	11	5	11	0	14	4	13	10	7	0	0	0	4	2	0	10	0	0
February	16.0	NW	62	N.	9	14	10	4	4	4	6	6	5	9	0	12	10	7	10	8	3	2	0	0	0	13	1	0
March	16.0	N	53	NW	9	14	7	4	4	3	8	10	4	12	0	16	5	10	13	10	1	1	0	0	0	6	5	2
April	13.8	SE	59	NW	9	7	11	6	9	9	9	9	6	7	0	14	6	10	11	7	0	0	0	0	1	0	0	0
May	12.8	SE	44	N	9	4	4	5	18	9	14	6	2	0	9	15	7	16	14	0	0	0	0	0	0	0	5	0
June	11.0	SE	68	NW	9	4	4	5	18	9	14	6	2	0	3	17	10	16	11	0	0	1	0	0	3	0	13	0
July	10.0	SE	42	NW	1	7	10	7	10	13	11	1	3	0	8	14	9	9	9	0	0	1	0	0	4	0	7	0
August	11.9	SE	68	N.	3	9	8	9	11	6	15	4	0	0	20	8	3	9	7	0	0	0	0	0	6	0	5	0
September	16.3	NE	53	NE	4	6	14	13	8	8	9	0	2	0	7	9	14	13	11	0	0	0	0	0	2	0	1	0
October	11.8	N	42	NE	1	17	9	6	5	5	7	5	8	0	22	5	4	3	2	0	0	3	0	0	0	0	1	0
November	14.4	SW	49	N	7	8	14	1	3	8	16	4	5	1	13	8	9	4	3	2	0	1	0	0	0	0	0	0
December	15.1	SW	48	NW	6	12	12	2	2	7	15	5	6	1	8	9	14	9	5	0	0	1	0	0	0	12	0	0
Year	13.7	SW	68	N.	54	107	116	66	94	97	134	51	65	2	146	110	110	123	94	10	3	2	17	5	16	45	38	0

CAPE MAY, N. J.

[H_b=17 ft.; h₁=13 ft.; h_r=3 ft.; h_a=49 ft.]

January	11.1	NW	68	SE	2	4	4	2	6	6	10	7	22	1	14	4	13	11	9	1	0	0	0	0	19	0	0	0
February	9.7	NW	46	SE	1	9	11	2	4	1	6	8	16	1	10	5	14	9	7	6	5	0	2	3	0	22	1	0
March	10.9	NW	56	NR	2	6	7	4	5	3	6	6	25	0	14	9	8	10	9	2	0	2	0	0	0	9	1	0
April	10.4	NW	38	NE	0	4	7	8	10	7	8	15	0	12	7	11	13	11	2	1	0	1	0	0	0	1	0	0
May	10.0	S	42	S	1	2	6	6	3	20	5	9	11	0	11	7	13	17	15	6	0	0	0	0	0	0	3	0
June	6.8	S	35	NW	0	4	6	11	7	15	5	4	7	0	9	6	15	15	11	0	0	3	0	0	0	0	6	0
July	6.0	S	17	W	0	4	6	8	5	17	8	4	9	1	16	10	5	6	5	0	2	0	0	0	0	0	3	0
August	6.0	S	23	N	0	5	9	7	9	20	2	5	5	0	16	9	6	7	7	0	0	0	0	0	0	1	0	0
September	8.7	SE	42	SE	1	9	6	8	13	7	3	6	8	0	10	5	15	13	8	0	0	0	0	0	0	0	1	0
October	6.1	N	17	NW	0	16	3	6	9	3	8	3	13	0	24	4	3	2	2	0	0	0	0	0	0	0	0	0
November	8.8	NW	40	SE	1	13	6	9	9	9	13	4	0	15	4	11	5	4	1	0	0	0	0	0	0	0	7	0
December	8.6	NW	34	S	0	6	7	3	3	6	7	6	7	20	1	9	5	17	8	3	0	3	4	0	0	19	0	0
Year	8.6	NW	68	SE	9	79	80	64	73	118	78	73	165	4	180	75	131	116	96	15	6	0	13	10	6	77	31	0

CHARLES CITY, IOWA

[H_b=1,015 ft.; h₁=10 ft.; h_r=4 ft.; h_a=49 ft.]

January	6.7	W	24	NW	0	3	2	2	17	6	5	16	11	0	15	9	7	8	8	6	0	1	24	0	31	0	0	0	
February	7.2	NW	23	NE	0	6	12	7	10	2	2	8	10	1	11	7	11	6	5	7	6	0	15	0	26	0	0	0	
March	6.6	N	22	NE	0	16	13	3	13	3	2	7	15	0	4	12	15	8	7	16	0	0	10	0	27	0	0	0	
April	6.7	SE	30	SW	0	2	0	4	12	12	3	13	14	0	11	12	7	9	7	3	1	1	0	1	0	7	4	0	
May	6.2	NW	27	SW	0	13	5	0	9	2	5	8	20	0	8	9	14	15	12	0	0	0	0	0	0	1	0	3	0
June	5.9	SE	30	SE	0	7	4	7	17	4	3	7	11	0	5	17	8	15	12	0	0	1	0	0	0	0	11	0	
July	4.9	SE	25	NW	0	9	6	2	14	9	6	6	9	1	14	13	4	14	11	0	0	1	0	0	0	0	11	0	
August	5.7	SE	23	SW	0	10	2	5	21	9	6	5	4	1	11	14	6	11	11	0	0	1	0	0	0	4	0	11	0
September	6.0	SE	33	SW	0	8	3	2	25	3	1	8	6	4	11	10	0	11	8	0	0	0	0	0	0	0	1	3	1
October	6.4	SE	30	SW	0	2	4	1	37	5	3	4	2	4	20	8	3	7	5	0	0	0	0	0	0	0	3	2	0
November	7.7	NW	23	NW	0	5	3	0	19	6	4	6	17	0	10	9	11	5	5	1	0	0	3	0	0	22	2	0	
December	7.6	W	24	NE	0	8	7	2	7	6	4	14	13	1	11	3	17	12	9	15	9	0	0	23	0	31	0	0	
Year	6.6	SE	32	SW	0	89	61	35	191	66	44	102	132	12	131	128	112	121	96	59	29	4	2	76	5	151	48	1	

CHARLESTON, S. C.

[H_b=48 ft.; h₁=11 ft.; h_r=76 ft.; h_a=92 ft.]

January	10.4	NE	40	SW	1	11	16	4	1	4	5	8	12	1	9	4	18	10	9	0	0	0	2	0	0	4	0	0	
February	12.1	W	38	NE	0	7	11	1	1	2	12	11	12	0	13	5	11	7	5	0	0	0	0	0	0	2	3	0	
March	11.7	NW	42	SE	1	7	9	3	3	4	17	8	17	0	11	6	14	9	7	0	0	0	0	0	0	1	2	0	
April	11.6	SW	46	E	1	4	12	2	5	4	23	5	5	0	12	6	10	7	7	0	0	0	1	0	0	0	0	0	
May	10.7	SW	24	S	0	1	0	2	6	8	16	7	0	11	10	10	8	6	6	0	0	0	0	0	0	1	0	7	
June	10.1	SW	36	W	0	0	4	4	2	7	30	9	4	0	6	16	9	10	7	0	0	0	0	0	0	0	13	0	
July	8.7	SW	25	NW	0	4	9	7	7	15	8	5	0	0	7	12	16	13	9	0	0	0	0	0	0	0	10	0	
August	9.5	NE	26	SE	0	6	14	5	5	12	11	6	4	0	10	14	7	10	7	0	0	0	0	0	0	0	0	3	0
September	11.6	NE	44	NE	2	5	24	7	4	5	6	3	6	5	9	7	11	12	14	12	0	0	0	0	0	0	0	0	
October	12.1	NE	36	NE	0	12	32	16	0	1	4	2	0	16	4	11	2	2	0	0	0	0	0	0	0	0	0	0	
November	9.8	N	37	SW	0	14	19	8	1	2	12	9	4	0	19	4	7	3	2	0	0	0	2	0	0	0	1	0	
December	10.6	NE	34	NE	0	11	15	4	1	8	9	7	0	1	10	7	14	11											

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

CHARLOTTE, N. C.

[φ=35° 13' N.; λ=80° 51' W.]

Table for Charlotte, N. C. with columns for Pressure, Temperature, Moisture, and Cloudiness, and rows for months and year.

CHATTANOOGA, TENN.

[φ=35° 04' N.; λ=85° 14' W.]

Table for Chattanooga, Tenn. with columns for monthly and yearly data across various meteorological categories.

CHEYENNE, WYO.

[φ=41° 08' N.; λ=104° 48' W.]

Table for Cheyenne, Wyo. with columns for monthly and yearly data across various meteorological categories.

CHICAGO, ILL.

[φ=41° 53' N.; λ=87° 37' W.]

Table for Chicago, Ill. with columns for monthly and yearly data across various meteorological categories.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

CHARLOTTE, N. C.

[H₀=779 ft.; h₁=55 ft.; h₂=47 ft.; h₃=62 ft.]

Month	Wind													Number of days														
	By self-register			Number of winds, 8 a. m. and 8 p. m.										Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	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	0.01 inch and over	0.04 inch and over						T. or more	0.01 inch or more melted	Hail	Dense fog
	Miles		Mi.																									
January	5.3	N.	25	W.	0	9	12	2	7	7	4	10	2	14	2	15	9	9	0	0	0	0	2	0	15	1	0	
February	6.4	NE.	24	W.	0	11	14	0	3	4	10	7	6	3	9	9	11	11	1	1	1	1	3	0	14	1	0	
March	6.9	NW.	30	W.	0	11	10	3	3	5	5	6	14	2	9	10	12	15	11	4	3	3	0	0	8	3	0	
April	6.0	SW.	23	W.	0	4	14	7	5	5	15	2	7	1	11	9	10	14	10	0	0	0	1	0	1	5	0	
May	4.2	SW.	24	W.	0	6	9	1	8	5	16	8	5	4	14	7	10	8	7	0	0	0	0	0	0	3	0	
June	3.3	SW.	30	NW.	0	9	10	1	7	11	10	5	3	4	6	17	7	12	11	0	0	0	0	0	12	0	13	0
July	3.5	NE.	25	NW.	0	8	14	10	11	7	5	2	5	0	9	9	13	12	11	0	0	0	0	0	9	0	9	0
August	3.6	NE.	23	NW.	0	7	19	4	6	6	9	2	4	4	14	12	5	6	2	0	0	0	0	0	17	0	7	0
September	4.9	NE.	21	N.	0	4	25	5	3	8	6	2	4	3	8	9	13	16	16	0	0	0	0	0	1	0	0	0
October	3.6	NE.	15	NE.	0	12	21	5	4	4	1	1	5	9	26	1	4	2	2	0	0	0	0	0	0	0	0	0
November	4.9	SW.	24	NW.	0	4	15	2	3	13	13	4	5	1	21	3	6	4	3	0	0	0	0	0	5	1	0	
December	5.7	SW.	26	W.	0	9	18	2	3	7	17	5	1	0	9	9	13	9	8	0	0	0	0	5	13	1	0	
Year	4.9	NE.	30	W.	0	94	181	42	63	82	120	60	67	33	150	97	119	118	101	5	3	1	20	2	39	56	44	0

CHATTANOOGA, TENN.

[H₀=762 ft.; h₁=189 ft.; h₂=167 ft.; h₃=213 ft.]

January	8.0	NW.	42	SW.	1	10	12	0	8	5	3	9	14	1	10	12	9	10	5	2	0	0	2	3	0	25	0	0
February	8.6	W.	29	SE.	0	3	8	2	8	5	5	15	12	0	10	5	14	12	10	0	0	0	0	0	0	14	1	0
March	9.9	NW.	25	SW.	0	7	8	0	3	7	7	9	21	0	8	6	17	13	9	5	3	0	2	0	0	7	4	0
April	8.5	N.	44	S.	1	12	8	3	5	7	10	8	6	1	10	10	10	12	12	0	0	1	0	0	0	2	8	0
May	7.8	SW.	44	W.	1	10	2	0	1	7	19	14	8	1	10	15	6	11	10	0	0	1	0	0	0	0	2	0
June	6.3	SW.	36	NW.	0	3	1	1	4	4	23	20	3	1	6	19	5	14	10	0	0	0	0	0	10	0	12	0
July	5.3	W.	38	NW.	0	12	10	2	5	3	5	14	11	0	12	14	5	12	7	0	0	0	0	0	9	0	8	0
August	5.7	SE.	34	SW.	0	7	8	2	13	6	9	7	9	1	16	14	1	6	6	0	0	0	0	0	19	0	10	0
September	7.4	N.	43	NW.	1	13	12	3	9	2	5	3	12	1	11	7	12	14	12	0	0	0	0	0	0	0	3	0
October	4.5	N.	25	N.	0	13	11	5	4	3	3	11	8	4	20	9	2	1	0	0	0	0	0	0	0	0	0	0
November	6.7	SW.	36	NW.	0	7	2	2	5	10	13	6	12	3	15	10	5	5	2	0	0	0	0	6	0	5	1	0
December	7.8	NE.	31	SW.	0	9	15	1	14	3	7	2	11	0	10	9	12	12	9	2	0	0	1	2	0	16	3	0
Year	7.2	NW.	44	W.	4	106	97	21	70	62	100	118	127	13	138	130	98	122	96	15	3	1	22	6	38	65	58	0

CHEYENNE, WYO.

[H₀=6,088 ft.; h₁=84 ft.; h₂=75 ft.; h₃=101 ft.]

January	16.7	W.	56	W.	11	7	1	1	0	2	3	35	13	0	6	15	10	6	3	9	6	0	0	14	0	29	0	0
February	14.9	W.	48	N.	6	9	1	1	0	5	3	20	19	0	6	12	11	7	5	10	7	0	1	6	0	24	0	0
March	12.5	NW.	44	NW.	3	12	0	2	10	8	4	11	15	0	6	9	16	14	10	21	14	0	1	20	0	31	0	0
April	13.9	W.	56	W.	2	10	4	1	2	5	5	19	14	0	7	12	11	9	7	12	8	0	1	2	0	22	4	0
May	12.1	N.	48	NW.	3	15	8	3	1	7	1	14	13	0	9	9	13	11	10	3	1	1	0	0	0	11	7	0
June	11.4	S.	45	SW.	3	4	2	5	2	13	8	15	11	0	10	16	4	8	6	0	0	4	1	0	0	0	7	0
July	9.7	S.	40	N.	1	4	7	3	6	11	7	14	9	1	13	12	6	7	5	0	0	2	1	0	0	0	9	0
August	10.2	W.	37	W.	0	3	2	7	3	11	5	20	10	0	10	16	5	4	2	0	0	1	0	0	1	0	8	0
September	10.5	W.	52	SW.	1	5	2	4	3	12	4	15	15	0	15	9	6	10	9	4	2	4	0	0	0	2	9	0
October	13.5	W.	70	NW.	6	6	2	4	6	10	8	18	9	0	12	11	8	7	5	5	4	0	2	0	0	5	4	0
November	15.7	W.	71	W.	6	3	2	1	3	7	8	22	14	0	12	8	10	4	2	6	4	0	0	1	0	21	0	0
December	16.2	W.	59	W.	11	8	5	3	4	2	5	24	11	0	10	6	15	11	7	13	11	0	4	16	0	26	0	0
Year	13.1	W.	71	W.	53	85	37	35	40	98	61	227	153	1	116	135	115	96	72	83	57	12	11	59	1	171	48	0

CHICAGO, ILL.

[H₀=823 ft.; h₁=140 ft.; h₂=123 ft.; h₃=310 ft.]

January	12.6	W.	35	SW.	0	1	1	1	2	9	15	13	20	0	11	8	12	9	6	12	7	0	2	17	0	27	0	0	
February	12.5	NW.	45	NE.	2	2	15	13	6	4	1	2	7	14	0	4	6	21	15	12	19	12	1	1	4	0	21	2	0
March	11.7	N.	40	W.	0	3	3	5	7	5	7	6	15	12	0	6	13	11	9	6	2	1	0	0	0	2	2	0	
April	11.0	W.	37	NW.	0	0	3	5	7	5	7	6	15	12	0	6	13	11	9	6	2	1	0	0	0	0	2	0	
May	10.5	W.	33	S.	0	0	7	12	1	2	3	11	16	9	0	9	11	11	13	11	1	0	0	0	0	0	6	0	
June	9.6	N.	38	NE.	0	11	11	10	6	8	4	4	6	0	4	11	15	17	13	0	0	1	0	0	1	0	10	0	
July	9.2	NE.	32	NW.	0	10	12	4	2	5	13	5	2	0	0	13	8	10	10	10	0	0	0	0	0	3	0	5	
August	9.9	S.	54	S.	1	9	10	4	6	11	11	9	9	2	0	9	11	11	12	9	0	0	0	0	0	0	9	0	
September	11.0	NE.	35	W.	0	7	8	5	11	6	4	6	13	0	11	8	11	14	10	0	0	0	0	0	0	0	2	0	
October	11.5	S.	42	S.	2	4	11	5	9	7	15	8	2	1	23	4	4	4	3	0	0	0	1	0	0	0	9	0	
November	14.1	W.	39	SW.	0	1	3	2	3	8	17	8	18	0	9	11	10	8	4	9	2	0	0	0	0	12	2	0	
December	12.8																												

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

CHICAGO UNIVERSITY, ILL.

[φ=41° 47' N.; λ=87° 35' W.]

Table with columns for Month, Pressure, Temperature (Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

CINCINNATI, OHIO (ABBE OBSERVATORY)

[φ=39° 06' N.; λ=84° 30' W.]

Table with columns for Month, Pressure, Temperature (Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

CLEVELAND, OHIO

[φ=41° 30' N.; λ=81° 42' W.]

Table with columns for Month, Pressure, Temperature (Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

COLUMBIA, MO.

[φ=38° 57' N.; λ=92° 20' W.]

Table with columns for Month, Pressure, Temperature (Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

CHICAGO UNIVERSITY, ILL.

[H_b=673 ft.; h₁=7 ft.; h₂=3 ft.; h_a=131 ft.]

Month	Wind													Number of days														
	By self-register					Number of winds, 8 a. m. and 8 p. m.								Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.	Minimum temperature 32° or below	Thunderstorms	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	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	60° or above
	Miles		Mi.																									
January	13.0	NW	44	NW	2	2	3	0	4	10	15	15	13	0	12	5	14	9	7	12	0	1	19	0	29	0	0	
February	12.9	NE	43	NE	1	2	16	9	3	3	6	7	12	0	5	3	17	17	17	17	0	2	15	0	27	0	0	
March	12.7	NE	46	SW	1	2	11	18	5	6	3	3	4	12	0	3	5	23	15	16	14	0	0	27	0	0	0	
April	12.1	SW	36	NW	0	3	5	7	10	6	10	8	11	0	7	10	13	10	7	2	1	0	0	2	2	2	0	0
May	10.9	SW	43	SW	1	5	12	3	6	1	17	10	8	0	6	13	12	13	10	1	0	0	0	0	6	0	0	
June	9.2	NE	45	NE	1	4	19	5	10	11	2	2	5	1	4	13	13	18	14	0	0	2	0	1	0	10	0	
July	9.2	NE	38	NE	0	5	15	4	7	6	12	9	4	0	14	9	8	10	10	0	0	0	2	0	5	0	0	
August	9.2	SW	41	SW	1	6	11	2	8	15	11	5	4	0	10	12	9	11	9	0	0	0	0	2	0	8	0	
September	10.9	NE	38	NW	0	0	13	3	9	8	7	6	14	0	10	9	11	12	10	0	0	0	0	0	3	0	0	
October	10.5	NE	36	SW	0	2	12	4	13	9	14	7	1	0	21	6	4	5	3	0	0	1	0	0	0	0	0	
November	14.2	SW	37	SW	0	1	2	3	9	9	13	7	16	0	8	12	10	7	4	6	2	0	0	3	0	15	2	
December	13.5	SW	42	SW	2	2	8	2	4	4	18	11	13	0	9	9	13	12	10	12	6	0	0	16	0	28	0	
Year	11.5	SW	48	NE	10	43	134	47	89	85	129	91	113	1	109	110	147	129	102	67	36	1	6	60	5	120	38	0

CINCINNATI, OHIO (ABBE OBSERVATORY)

[H_b=628 ft.; h₁=11 ft.; h₂=3 ft.; h_a=51 ft.]

January	9.0	SW	32	SW	0	3	1	4	7	10	14	15	7	0	10	8	13	15	8	12	4	0	1	11	0	27	0	0
February	9.4	SW	28	SW	0	5	11	4	3	6	9	11	9	0	4	6	19	12	7	12	5	0	2	9	0	25	0	0
March	8.9	SW	45	SW	1	10	8	3	8	3	11	10	9	0	4	6	21	12	10	10	4	0	0	1	0	18	4	0
April	8.3	SW	40	W	2	4	8	6	7	7	11	8	9	0	7	11	12	13	6	1	0	0	0	0	0	3	4	0
May	7.1	SW	36	SW	0	6	5	2	5	8	18	8	10	0	5	12	14	17	15	0	0	0	0	0	0	6	0	0
June	5.5	SW	34	SW	0	3	10	5	7	5	11	10	9	0	5	17	8	14	10	0	0	0	1	0	2	0	13	0
July	5.1	SW	36	S	0	8	12	2	10	11	8	3	7	1	13	14	4	9	6	0	0	0	0	0	0	0	6	0
August	5.5	SW	32	NW	0	14	10	6	3	11	11	5	3	0	15	7	6	15	9	0	0	0	0	0	0	0	11	0
September	6.7	NE	32	S	0	11	11	6	12	5	3	6	7	1	11	15	9	0	0	0	0	0	0	0	0	6	5	0
October	5.2	NE	22	NE	0	6	14	6	5	10	8	5	5	0	23	4	4	1	1	0	0	2	0	0	0	1	0	0
November	8.6	SW	33	SW	0	3	8	3	7	8	20	6	5	0	7	9	14	9	6	7	2	0	1	2	0	12	0	0
December	9.0	SW	38	SW	0	4	3	5	6	10	17	10	7	0	8	6	17	9	7	7	2	0	0	12	0	22	1	0
Year	7.4	SW	45	SW	3	79	101	50	80	94	141	94	85	8	115	108	143	135	92	49	17	0	8	35	14	108	50	0

CLEVELAND, OHIO

[H_b=762 ft.; h₁=190 ft.; h₂=165 ft.; h_a=201 ft.]

January	15.4	W	60	W	5	0	0	0	4	19	17	15	7	0	1	8	22	20	15	21	14	0	0	14	0	27	0	0
February	12.4	NE	42	NW	1	4	16	3	5	2	8	13	7	0	3	9	17	14	11	19	12	0	4	17	0	28	0	0
March	12.2	NW	43	S	1	4	12	7	1	3	6	11	16	0	2	5	24	12	9	15	5	0	0	8	0	22	2	0
April	12.9	W	39	W	0	5	8	2	6	13	6	13	5	2	3	17	10	15	10	5	3	0	2	1	0	5	2	0
May	12.2	W	45	W	1	6	12	3	2	10	13	10	6	0	4	13	14	16	13	0	0	0	0	0	0	0	4	0
June	9.5	S	60	NW	3	4	11	6	0	10	17	8	4	0	2	18	10	18	14	0	0	0	0	0	0	0	11	0
July	10.3	N	46	NW	1	15	5	2	3	15	8	8	6	0	14	11	6	11	7	0	0	0	0	0	0	0	9	0
August	10.0	S	31	N	0	12	8	2	6	14	11	3	5	1	11	12	8	11	6	0	0	0	0	0	0	3	0	6
September	14.2	S	55	N	4	8	9	3	5	17	4	3	10	1	5	5	20	16	14	0	0	1	0	0	0	0	3	0
October	10.7	S	40	N	1	9	1	8	8	22	8	4	2	0	14	10	7	4	4	0	0	0	0	0	0	0	1	0
November	15.0	SW	48	NW	1	6	0	2	1	20	20	4	7	0	6	9	15	9	5	8	4	0	0	0	0	13	0	0
December	14.4	SW	58	W	4	2	4	2	2	11	25	10	6	0	2	3	26	18	14	17	10	0	3	17	0	36	0	0
Year	12.5	S	60	W	23	75	86	40	43	166	143	102	83	4	67	120	179	164	122	85	48	1	9	60	3	121	38	0

COLUMBIA, MO.

[H_b=784 ft.; h₁=11 ft.; h₂=3 ft.; h_a=84 ft.]

January	8.6	S	30	NW	0	3	0	0	6	8	3	5	6	0	13	7	11	11	9	10	8	0	2	13	0	26	0	0	
February	9.3	W	21	SW	0	4	4	3	3	3	3	4	5	0	14	1	14	9	7	8	7	0	0	0	0	21	0	0	
March	9.8	NW	43	SW	1	4	3	4	3	0	4	5	8	0	7	3	21	12	9	14	8	0	0	0	5	0	22	0	
April	8.8	S	31	SW	0	2	0	1	10	6	4	4	3	0	12	7	13	6	5	1	0	0	0	0	0	2	3	0	
May	7.8	NW	28	W	0	2	2	0	5	3	4	5	10	0	8	10	13	15	12	0	0	0	1	1	0	0	7	0	
June	6.9	SE	48	NW	1	4	2	8	3	5	2	3	3	0	4	17	9	17	13	0	0	0	0	0	0	0	0	16	0
July	5.8	S	50	NW	1	5	3	3	6	5	2	0	6	0	15	11	7	15	11	0	0	0	0	0	0	0	0	0	
August	6.3	S	36	NW	0	1	6	4	4	10	4	2	0	0	16	12	3	9	8	0	0	0	0	0	0	0	0	0	
September	6.7	SE	33	NW	0	4	2	6	8	7	2	2	5	0	13	7	10	10	8	0	0	0	0	0	0	0	0	0	
October	6.5	SE	44	SW	0	1	4	6	9	7	2	2	1	0	22	4	5	6	3	0	0	0	0	0	0	0	2	3	
November	9.9	S	33	NW	0	4	3	1	5	6	1	6	4	0	14	12	4	7	6	2	1	1	0	0	0	13	3	0	
December	8.9	SE	32	SW	0	4																							

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

COLUMBIA, S. C.

[φ=34° 00' N.; λ=81° 03' W.]

Table with columns for Month, Pressure, Temperature, Dew point, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly summary.

COLUMBUS, OHIO

[φ=39° 58' N.; λ=83° 00' W.]

Table with columns for Month, Pressure, Temperature, Dew point, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly summary.

CONCORD, N. H.

[φ=43° 12' N.; λ=71° 32' W.]

Table with columns for Month, Pressure, Temperature, Dew point, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly summary.

CONCORDIA, KANS.

[φ=39° 25' N.; λ=97° 41' W.]

Table with columns for Month, Pressure, Temperature, Dew point, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly summary.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

COLUMBIA, S. C.

[H_b=351 ft.; h₁=41 ft.; h_r=32 ft.; h_a=57 ft.]

Month	Wind											Number of days																	
	By self-register				Number of winds, 8 a. m. and 8 p. m.							Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.	32° or below		Minimum temperature 32° or below	Thunderstorms	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		0.01 inch and over	0.04 inch and over				T. or more melted	Hail	Dense fog	32° or below	90° or above	
	Miles	°	Mt.																										
January	6.6	NE.	32	S.	0	6	16	8	5	1	7	9	10	0	13	5	13	10	8	0	0	0	3	1	0	13	0	0	
February	7.8	NE.	35	SW.	0	8	13	2	2	1	11	10	11	0	14	5	10	8	5	1	0	0	0	0	0	9	0	0	
March	8.6	NW.	35	SW.	0	5	8	1	0	10	11	11	16	0	12	9	10	7	4	0	0	0	0	0	6	2	0	0	
April	7.8	NE.	31	SW.	0	3	16	7	0	6	12	12	4	0	15	2	13	12	10	0	0	1	0	0	0	0	2	0	0
May	6.5	SW.	30	W.	0	3	6	3	5	5	16	15	9	0	14	8	9	10	9	0	0	0	0	0	1	0	5	0	
June	5.8	S.	35	S.	0	1	9	7	5	16	14	4	4	0	6	17	7	10	9	0	0	1	0	0	13	0	14	0	
July	4.9	NE.	19	NW.	0	4	15	13	2	8	3	15	1	1	10	12	9	19	14	0	0	0	0	0	0	14	0	10	0
August	5.0	S.	27	N.	0	4	14	6	4	17	10	1	4	2	13	12	6	9	8	0	0	0	0	0	21	0	9	0	
September	6.6	NE.	23	NE.	0	10	22	9	4	4	1	8	2	0	9	7	14	20	17	0	0	2	0	3	0	3	0	0	
October	5.3	NE.	24	NE.	0	14	30	2	2	3	1	2	2	0	26	1	4	4	4	0	0	0	0	0	0	0	0	0	
November	5.9	NE.	39	SW.	0	5	12	5	0	11	10	5	6	1	24	3	3	3	3	0	0	0	0	0	0	0	0	0	
December	5.3	NE.	35	SW.	0	6	21	3	3	6	10	5	5	3	11	4	16	7	7	0	0	0	3	0	6	0	0	0	
Year	6.4	NE.	39	SW.	0	69	182	66	32	58	106	102	80	7	167	86	113	117	94	2	0	2	9	1	52	40	49	0	

COLUMBUS, OHIO

[H_b=824 ft.; h₁=179 ft.; h_r=171 ft.; h_a=222 ft.]

January	10.6	W.	41	NW.	1	2	1	4	6	12	10	18	9	0	10	4	17	12	10	14	5	0	0	11	0	0	26	0	0
February	12.0	W.	39	NW.	0	6	5	10	9	2	2	16	8	0	2	6	21	14	6	12	8	0	0	1	9	0	0	0	0
March	12.0	NW.	44	SW.	2	2	3	13	7	3	5	8	16	0	3	6	22	12	8	15	6	0	2	2	0	18	2	2	0
April	11.6	W.	43	NW.	1	5	1	12	7	10	4	15	6	0	9	10	11	9	1	1	0	0	0	0	0	0	2	2	0
May	10.2	W.	50	W.	2	2	1	2	2	11	11	17	13	0	4	12	15	15	11	0	0	0	0	0	0	0	0	0	6
June	7.7	SW.	46	NW.	0	8	5	8	6	9	7	12	5	0	4	14	12	16	14	0	0	0	1	0	2	0	15	0	
July	7.5	S.	35	NW.	1	12	5	5	4	14	7	6	9	0	16	9	6	8	6	0	0	1	0	0	1	0	0	6	
August	8.1	N.	35	NW.	0	16	3	6	4	12	7	5	8	1	11	17	3	7	4	0	0	0	0	0	8	0	5	0	
September	11.0	NW.	36	NW.	0	9	4	7	11	9	2	4	14	0	8	9	13	12	8	0	0	0	1	0	0	0	3	0	
October	7.9	E.	30	N.	0	14	7	15	5	9	2	4	5	1	22	3	6	2	1	0	0	0	1	0	0	0	0	0	
November	11.2	W.	38	W.	0	7	2	7	2	17	5	16	4	0	5	13	12	10	7	8	6	0	1	2	0	13	0	0	
December	11.9	W.	56	NW.	2	1	3	4	6	15	9	15	9	0	5	5	21	10	8	9	1	0	2	12	0	24	0	0	
Year	10.1	W.	56	NW.	9	92	40	93	69	123	71	136	106	2	99	108	159	129	92	59	27	1	9	36	11	109	40	0	

CONCORD, N. H.

[H_b=288 ft.; h₁=70 ft.; h_r=62 ft.; h_a=79 ft.]

January	6.0	W.	36	W.	0	3	2	0	2	3	2	8	10	1	11	8	12	8	6	10	4	0	1	12	0	31	0	0
February	5.3	NW.	23	NW.	0	9	6	0	1	1	5	7	0	0	19	2	8	9	8	9	7	0	0	22	0	29	0	0
March	7.9	NW.	27	NE.	0	8	4	1	2	1	0	3	12	0	18	6	7	5	4	7	4	1	0	0	0	0	26	1
April	7.5	NW.	44	E.	1	7	0	4	5	2	0	7	5	0	12	9	9	9	3	3	0	0	0	0	0	8	0	0
May	7.2	W.	33	S.	0	4	6	0	5	3	5	5	3	0	9	12	10	14	9	0	0	0	0	0	0	0	1	0
June	4.8	N.	23	SW.	0	13	5	1	1	6	0	3	1	0	13	11	6	6	5	0	0	0	0	0	0	0	0	4
July	4.9	W.	28	W.	0	4	3	2	4	3	2	6	6	1	18	10	3	7	5	0	0	0	0	0	0	2	0	7
August	4.0	NW.	22	SW.	0	7	2	3	6	0	2	3	7	0	17	7	7	8	8	0	0	0	0	0	4	0	2	0
September	4.2	SE.	20	W.	0	3	3	0	4	5	3	5	7	0	10	8	12	13	11	0	0	0	4	0	1	1	3	1
October	4.7	NW.	23	NW.	0	12	0	3	1	1	1	2	11	0	20	7	4	1	1	0	0	0	1	0	0	10	0	0
November	5.4	NW.	28	NW.	0	2	2	0	4	6	3	5	6	0	13	5	12	8	5	5	4	0	0	0	0	0	22	0
December	5.6	NW.	28	NW.	0	8	0	0	2	2	3	3	12	1	10	9	12	7	6	7	3	1	1	16	0	36	1	0
Year	5.6	NW.	44	E.	1	80	33	14	36	33	22	55	89	4	170	94	102	96	77	41	25	2	8	56	7	157	19	1

CONCORDIA, KANS.

[H_b=1,392 ft.; h₁=50 ft.; h_r=42 ft.; h_a=58 ft.]

January	7.1	S.	39	NW.	0	8	1	4	8	18	6	8	9	5	17	7	7	7	5	8	7	0	2	16	0	29	0	0
February	9.2	NW.	32	NW.	0	11	3	6	6	10	5	6	12	0	12	6	11	5	3	4	3	0	0	0	0	0	24	0
March	8.1	NW.	44	NW.	1	13	6	7	4	4	4	8	13	3	7	11	13	9	2	8	7	0	0	0	0	0	23	1
April	8.0	S.	30	NW.	0	7	2	1	1	16	6	6	15	8	16	6	8	4	0	0	0	0	0	0	0	0	1	0
May	8.8	SE.	39	SE.	0	5	11	7	4	3	7	7	14	2	9	12	10	10	8	0	0	1	9	0	0	0	0	8
June	8.1	SE.	39	NE.	0	5	11	13	10	7	2	5	4	0	7	22	1	11	7	0	0	0	2	1	0	8	0	12
July	7.1	S.	42	N.	1	4	9	10	7	24	0	1	5	2	12	17	2	13	12	0	0	0	1	0	0	9	0	13
August	8.4	S.	39	S.	0	4	7	6	13	21	6	1	3	1	15	14	2	9	7	0	0	1	0	0	18	0	10	0
September	8.1	S.	35	NW.	0	5	7	9	11	12	3	8	8	2	15	8	7	5	3	0	0	0	1	0	3	0	3	0
October	8.3	S.	30	S.	0	0	2	13	5	31	3	4	4	0	10	15	6	4	3	0	0	0	0	0	0	0	1	0
November	8.6	NW.	38	NW.	0	9	2	2	5	9	11	8	12	2	17	8	5	3	2	1	1	0	0	0	0	18	1	0
December	8.5																											

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

CORPUS CHRISTI, TEX.

[φ=27° 49' N.; λ=97° 25' W.]

Month	Pressure			Temperature										Moisture												
	Monthly mean	Extremes		Mean						Extremes		Dew point		Relative humidity			Vapor pressure		Precipitation	Cloudiness						
		Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight
		In.	In.																							
January	30.200	30.910	29.620	46.8	54.4	53.1	57.6	44.0	50.8	72	31	42	46	45	62	76	77	0.286	0.339	0.328	1.14	0.40	6.8	7.1	6.3	7.0
February	30.113	30.480	29.550	52.5	62.2	59.6	65.8	50.3	58.0	80	37	48	52	51	86	70	76	0.356	0.401	0.397	1.30	0.50	5.8	5.4	5.1	5.3
March	29.910	30.290	29.470	58.7	65.1	63.3	68.1	55.8	62.0	80	37	54	53	54	86	67	75	0.444	0.429	0.444	3.32	1.12	7.5	7.6	6.1	7.2
April	29.619	30.370	29.610	67.4	73.5	71.3	76.5	63.7	70.5	86	46	63	63	63	87	71	78	0.597	0.596	0.601	1.10	0.09	8.0	7.1	6.5	7.3
May	29.688	30.170	29.580	71.5	77.5	76.1	79.9	68.3	74.1	89	59	66	67	69	84	71	79	0.666	0.680	0.720	7.07	4.56	7.0	6.6	6.6	6.5
June	29.917	30.050	29.700	78.4	86.0	83.3	87.3	76.3	81.8	91	72	75	73	74	89	67	74	0.868	0.823	0.843	9.40	8.26	2.7	3.4	2.3	2.7
July	29.980	30.120	29.810	78.8	86.6	84.2	88.1	77.0	82.6	91	71	74	73	74	86	64	72	0.845	0.822	0.835	6.66	5.33	3.0	4.5	3.5	3.7
August	29.934	30.040	29.790	78.9	88.8	85.3	89.0	77.7	84.0	96	74	76	75	75	91	64	72	0.895	0.866	0.869	0.22	0.22	2.0	2.6	1.8	2.0
September	29.923	30.320	29.630	74.9	83.5	82.2	87.0	73.8	80.4	92	59	70	71	73	86	65	74	0.750	0.790	0.820	1.60	1.75	3.2	3.5	2.4	3.4
October	30.033	30.350	29.790	68.3	80.0	78.0	81.3	67.6	74.4	88	52	65	70	69	89	72	79	0.632	0.742	0.717	1.25	1.10	2.9	2.5	2.2	2.5
November	30.118	30.460	29.750	64.7	75.0	73.1	77.7	63.3	70.4	88	43	60	63	63	85	67	76	0.549	0.598	0.600	0.06	0.05	4.0	3.7	1.7	3.6
December	30.142	30.720	29.630	52.0	65.7	63.5	68.1	54.9	65.8	88	23	47	48	48	84	71	79	0.385	0.385	0.398	2.67	1.73	7.6	7.3	5.7	7.4
Year	30.006	30.910	29.470	66.1	74.3	71.9	76.7	64.1	70.4	96	23	62	63	63	86	69	76	0.607	0.623	0.631	24.59	8.26	5.0	5.1	4.2	4.9

DALLAS, TEX.

[φ=32° 46' N.; λ=96° 47' W.]

January	29.682	30.400	29.090	33.9	45.3	51.3	31.5	51.4	72	17	28	30	79	58	58	0.173	0.186	1.14	0.52	3.8	4.1	4.2
February	29.601	30.030	28.930	40.3	50.5	56.3	33.8	51.7	78	23	34	34	77	56	56	0.206	0.206	2.24	0.86	6.0	6.1	6.2
March	29.418	29.760	28.830	44.4	53.9	59.5	42.5	51.0	80	28	35	38	74	58	58	0.226	0.246	3.98	0.94	5.4	5.2	5.1
April	29.407	29.940	28.990	57.0	70.8	76.0	55.9	69.2	92	36	49	49	76	46	46	0.378	0.355	1.54	1.19	6.2	5.2	5.4
May	29.386	29.700	29.090	61.4	74.9	79.4	60.0	69.7	92	49	55	53	80	49	48	0.448	0.427	3.72	2.89	5.5	5.0	4.9
June	29.371	29.640	29.080	75.0	88.3	93.1	73.5	83.3	102	61	68	66	80	48	48	0.693	0.633	1.65	1.07	4.3	3.6	3.4
July	29.461	29.680	29.210	75.1	89.0	93.5	73.9	83.7	102	56	65	63	71	43	43	0.630	0.584	1.47	0.97	4.0	4.2	3.7
August	29.405	29.960	29.230	77.7	92.0	97.0	77.0	87.0	103	72	68	65	74	43	43	0.697	0.629	0.81	0.63	3.9	3.7	3.5
September	29.458	29.770	29.040	66.6	80.6	85.1	64.6	74.8	100	47	59	57	78	49	49	0.527	0.496	3.04	2.25	3.7	3.4	3.0
October	29.554	29.930	29.280	58.1	77.9	81.0	57.5	69.2	89	38	49	48	74	37	37	0.382	0.375	1.13	1.33	2.2	1.5	1.8
November	29.605	29.920	29.120	49.7	64.9	70.0	48.1	59.0	84	35	42	45	77	52	52	0.296	0.324	3.36	2.04	4.1	3.8	4.1
December	29.643	30.310	29.090	40.0	48.7	55.1	36.6	45.6	79	10	32	33	73	56	56	0.219	0.225	1.54	1.05	5.9	6.0	6.1
Year	29.499	30.400	28.830	56.6	69.7	74.8	54.9	64.9	103	10	49	48	76	50	50	0.406	0.391	23.62	2.89	4.6	4.3	4.3

DAVENPORT, IOWA

[φ=41° 30' N.; λ=90° 38' W.]

January	29.504	30.230	28.810	14.2	20.0	19.5	25.5	8.9	17.2	47	-21	11	13	14	85	72	79.0	0.088	0.097	0.103	1.27	0.51	4.9	4.7	4.4	5.3
February	29.463	29.930	28.750	22.7	30.0	29.6	33.3	9.2	27.2	54	5	20	24	25	90	77	82.5	0.113	0.131	0.137	1.46	0.85	5.9	5.4	5.4	6.2
March	29.284	29.680	28.240	31.1	36.2	36.0	40.3	32.8	34.2	66	15	28	28	29	89	74	76.1	0.158	0.159	0.160	2.71	1.24	7.5	7.8	7.4	7.7
April	29.255	29.620	28.760	45.2	55.7	65.6	42.3	52.2	84	26	40	43	42	81	58	60	0.253	0.293	0.285	1.11	0.33	5.4	4.5	4.5	5.4	
May	29.193	29.540	28.750	60.8	69.0	69.0	65.6	64.6	86	39	42	41	41	74	50	52	0.276	0.263	0.267	0.93	0.23	6.7	5.5	6.2	5.7	
June	29.252	29.530	28.910	62.8	72.5	72.9	67.9	69.0	92	48	58	61	60	84	69	66	0.493	0.503	0.538	0.93	0.21	6.7	7.1	5.2	6.6	
July	29.354	29.640	29.070	66.1	77.7	77.7	81.8	82.2	93	50	59	58	60	78	53	56	0.509	0.499	0.527	3.78	1.51	4.0	5.7	4.4	4.7	
August	29.307	29.531	29.110	67.5	78.8	78.8	81.1	82.8	93	53	62	62	64	84	60	67	0.577	0.586	0.609	8.03	2.96	5.0	5.0	3.8	4.4	
September	29.405	29.647	29.020	63.5	66.0	62.0	67.0	64.0	84	36	49	49	51	86	56	68	0.366	0.366	0.382	2.23	0.97	4.3	4.0	4.1	4.6	
October	29.492	29.920	29.020	50.1	67.4	63.3	61.4	64.3	85	31	45	45	47	82	46	58	0.306	0.314	0.341	0.86	0.42	2.8	2.0	3.0	2.3	
November	29.376	29.870	28.870	36.5	44.0	44.2	44.9	43.1	70	6	30	32	31	76	60	65	0.176	0.195	0.188	0.06	0.20	5.9	5.0	4.7	5.3	
December	29.517	30.280	28.740	16.3	21.3	20.9	26.9	12.2	16.6	48	-20	13	14	12	85	72	77.0	0.093	0.095	0.099	2.36	1.32	6.0	5.3	5.6	5.7
Year	29.367	30.280	28.240	43.1	52.7	51.4	57.1	39.5	45.3	93	-21	38	39	40	83	62	67	0.284	0.297	0.303	34.33	2.96	5.3	5.3	4.9	5.3

DAYTON, OHIO

[φ=39° 46' N.; λ=84° 10' W.]

January	29.222	29.780	28.400	22.2	27.7	27.3	33.3	0.17	6.25	50	-8	16	18	20	75	66	72.0	0.103	0.112	0.121	3.71	1.55	6.6	5.0	4.5	5.5
February	29.117	29.568	28.420	26.8	32.2	32.2	36.3	2.26	5.24	59	14	21	23	24	77	67	72.1	0.117	0.130	0.135	1.79	0.74	8.7	7.4	6.6	7.4
March	28.928	29.310	28.160	33.5	39.9	39.8	42.3	3.04	7.36	70	21	28	28	30	79	63	74.1	0.157	0.157	0.175	4.31	2.16	8.1	7.9	7.7	7.6
April	29.008	29.586	28.420	46.2	55.7	55.6	56.2	4.91	5.62	80	26	36	38	38	88	66	52.2	0.222	0.239	0.245	2.20	0.55	7.2	5.6	5.5	5.5
May	28.913	29.190	28.540	51.6	60.3	60.3	65.2	2.47	1.56	84	37	44	41	45	78	63	64.3	0.302	0.272	0.307	3.03	0.73	6.0	6.7	6.2	6.4
June	28.885	29.170	28.																							

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

CORPUS CHRISTI, TEX.

[H_b=20 ft.; h₁=11 ft.; h_r=63 ft.; h_a=73 ft.]

Month	Wind													Number of days														
	By self-register				Number of winds, 8 a. m. and 8 p. m.									Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.	Electricity							
	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 40 miles and over											0.01 inch and over	0.04 inch and over	T. or more	0.01 inch or more melted			Dense fog	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras	
					North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	0.01 inch and over	0.04 inch and over	T. or more	0.01 inch or more melted	Dense fog	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras				
January	11.1	N.	35	N.	0	26	11	4	7	6	3	1	4	0	5	10	16	14	6	0	0	0	5	0	0	3	1	0
February	13.9	S.	37	NW.	0	11	5	3	12	14	2	5	6	0	0	13	9	10	7	5	0	0	0	0	0	0	1	0
March	13.6	N.	38	SE.	0	16	3	14	14	12	1	1	0	0	6	3	22	10	22	0	0	0	0	0	0	0	0	0
April	14.0	SE.	42	SE.	1	8	4	8	22	16	2	0	0	0	3	10	17	2	1	0	0	0	1	0	0	0	0	0
May	13.7	SE.	56	SE.	3	3	8	9	22	17	1	0	0	0	5	11	15	13	9	0	0	3	0	0	0	0	13	0
June	12.8	S.	40	SE.	1	1	0	5	25	26	1	0	1	1	19	6	5	4	0	0	0	0	0	0	6	0	4	0
July	14.0	S.	35	SE.	0	3	4	7	21	26	1	0	0	0	18	10	3	2	0	0	0	0	0	0	4	0	1	0
August	13.0	SE.	32	SE.	0	0	1	10	24	24	2	1	0	0	26	1	4	1	0	0	0	0	0	0	22	0	3	0
September	11.5	E.	34	SE.	0	13	3	19	10	7	0	2	5	1	17	8	5	8	6	0	0	0	0	0	0	0	4	0
October	11.0	E.	27	NE.	0	14	5	18	11	6	2	2	4	0	23	5	3	4	3	0	0	0	2	0	0	0	2	0
November	12.8	SE.	38	N.	0	13	2	9	23	5	3	1	4	0	13	16	1	2	1	0	0	0	2	0	0	0	0	0
December	14.0	N.	44	N.	1	28	2	4	12	9	1	2	9	0	5	9	17	11	6	4	2	0	0	2	0	5	1	0
Year	13.0	SE.	56	SE.	6	131	48	110	203	168	19	15	35	3	153	95	118	78	43	4	2	3	18	2	39	8	33	0

DALLAS, TEX.

[H_b=512 ft.; h₁=109 ft.; h_r=92 ft.; h_a=117 ft.]

January	8.4	S.	36	NW.	0	3	0	5	9	4	1	3	6	0	14	10	7	6	5	0	0	0	0	1	0	20	1	0
February	8.7	NW.	40	NW.	1	4	5	3	2	4	0	2	8	1	8	7	14	8	6	2	2	0	1	0	0	5	0	0
March	9.9	NW.	36	SE.	0	3	3	3	5	3	1	3	10	0	11	10	10	11	9	3	3	0	1	0	0	9	3	0
April	10.3	S.	44	NW.	1	2	2	4	2	13	0	1	6	0	9	12	9	6	3	0	0	2	0	0	3	0	4	0
May	8.4	S.	31	S.	0	5	5	2	4	9	1	4	2	0	13	10	8	11	9	0	0	1	0	0	0	2	0	9
June	10.8	S.	39	SE.	0	0	2	0	5	21	0	2	0	0	16	13	1	5	5	0	0	0	0	0	0	22	0	3
July	8.5	S.	31	SE.	0	2	3	2	3	18	1	0	2	0	17	11	3	2	2	0	0	1	1	0	0	24	0	1
August	8.7	S.	26	NW.	0	1	1	4	5	15	1	3	0	1	19	12	0	4	2	0	0	0	0	0	0	30	0	6
September	7.6	SE.	32	SE.	0	5	6	5	4	5	1	0	4	0	18	8	4	7	5	0	0	0	0	0	11	0	3	
October	7.0	SE.	39	S.	0	4	3	6	9	5	0	0	0	3	1	25	5	1	1	1	0	0	0	0	0	0	1	
November	8.1	S.	33	E.	0	1	3	4	3	7	0	3	9	0	16	5	9	4	4	0	0	2	0	0	0	0	5	
December	8.1	NW.	32	NW.	0	3	2	4	5	5	1	3	8	0	11	4	16	6	4	2	2	0	0	3	0	12	2	
Year	8.7	S.	44	NW.	2	33	35	42	56	106	7	24	58	3	177	107	82	71	55	7	6	4	5	4	92	40	38	0

DAVENPORT, IOWA

[H_b=606 ft.; h₁=71 ft.; h_r=64 ft.; h_a=79 ft.]

January	7.7	NW.	27	NW.	0	3	1	6	3	8	9	16	16	0	11	10	10	9	6	12	6	0	2	19	0	26	0	0
February	8.9	NW.	40	NE.	1	2	9	13	1	5	4	9	13	1	8	7	14	8	5	12	6	0	3	13	0	0	27	
March	7.7	NW.	28	E.	0	13	11	9	2	2	3	7	15	0	4	6	21	12	11	18	9	0	0	0	5	0	24	
April	8.6	S.	30	SW.	0	3	5	10	2	11	8	13	8	0	8	12	10	10	8	2	1	1	0	0	0	0	3	
May	7.0	NW.	23	NW.	0	5	4	7	2	3	8	14	19	0	10	7	14	13	7	0	0	0	0	0	0	0	0	
June	6.6	E.	30	N.	0	4	7	16	5	6	7	5	10	0	6	11	13	17	14	0	0	2	1	0	1	0	15	
July	5.5	S.	28	NW.	0	7	5	7	4	9	14	3	12	1	13	12	6	11	8	0	0	0	1	0	0	4	0	
August	6.0	S.	34	NW.	0	6	8	14	5	11	5	7	6	2	15	7	9	12	9	0	0	0	0	0	0	5	0	
September	6.7	E.	35	W.	0	4	5	18	4	9	1	10	9	0	14	7	9	8	7	0	0	0	3	0	6	0		
October	6.0	S.	30	W.	0	0	9	13	6	12	11	9	1	1	25	2	4	6	4	0	0	0	2	0	0	0		
November	8.0	NW.	25	S.	0	3	2	3	3	12	10	9	16	0	12	6	12	8	4	4	1	2	0	4	0	14		
December	8.3	W.	29	E.	0	2	7	10	0	8	4	18	13	0	12	4	15	13	9	14	6	0	1	18	0	27		
Year	7.2	NW.	40	NE.	1	53	71	126	37	96	84	120	140	5	138	91	137	129	92	62	29	5	13	58	10	124		

DAYTON, OHIO

[H_b=899 ft.; h₁=137 ft.; h_r=132 ft.; h_a=173 ft.]

January	11.8	SW.	46	NW.	1	2	4	2	2	12	18	10	12	0	13	5	13	13	9	10	5	0	1	13	0	27	0
February	11.4	NE.	36	NW.	0	6	12	4	1	6	7	9	13	0	3	8	18	14	7	13	9	0	0	9	0	25	
March	10.0	NW.	52	SW.	2	11	13	4	2	4	7	8	13	0	3	7	21	15	9	12	8	0	0	0	0	19	
April	10.4	SW.	59	NW.	4	2	8	9	3	6	17	7	7	0	6	14	10	11	8	12	1	1	0	0	0	0	
May	9.3	SW.	40	W.	1	6	5	2	3	6	21	9	10	0	6	13	14	19	16	0	0	0	0	0	0	5	
June	7.6	NE.	38	NW.	0	5	18	8	1	6	12	6	4	0	6	11	14	19	16	0	0	0	1	1	0	2	
July	6.9	SW.	37	W.	0	12	11	2	4	9	15	4	6	0	13	17	1	9	9	0	0	0	1	0	1	0	
August	7.2	SW.	38	NW.	0	13	18	2	4	1	18	4	2	0	18	8	5	7	6	0	0	0	0	0	0	8	
September	8.9	N.	82	SW.	0	12	16	3	6	8	6	5	3	1	8	11	11	13	6	0	0	0	1	0	0	0	
October	6.5	NE.	28	SW.	0	13	23	2	3	5	12	2	0	2	21	7	3	3	3	0	0	0	1	0	0	0	
November	11.3	SW.	38	W.	0	5	9	4	0	8	21	9	4	0	7	9	14	11	6	8	4	0	2	2	0	12	
December	11.1	SW.	46	NW.	1	2	6	2	6	7	19	9	11	0	7	7	17	13	11	6	2	0	3	14	0	22	
Year	9.4	SW.	52	SW.	9	89	143	44	35	77	173	82	86	3	111	122	133	145	104	50							

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

DEL RIO, TEX.

[φ=29° 20' N.; λ=100° 53' W.]

Table for Del Rio, Tex. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

DENVER, COLO.

[φ=39° 45' N.; λ=105° 00' W.]

Table for Denver, Colo. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

DES MOINES, IOWA

[φ=41° 35' N.; λ=92° 37' W.]

Table for Des Moines, Iowa with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

DETROIT, MICH.

[φ=42° 20' N.; λ=83° 03' W.]

Table for Detroit, Mich. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

DEL RIO, TEX.

[H_b=944 ft.; h₁=64 ft.; h₂=56 ft.; h₃=71 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	Hall	Dense fog	32° or below	40° or above	Minimum temperature 32° or below	Thunderstorms	Auroras
											Miles	Mi.	N.	NE.														
January	7.7	SE.	34	N.	0	3	2	7	9	0	0	0	10	0	10	9	12	5	2	0	0	0	3	0	0	9	1	0
February	9.0	SE.	46	N.	1	3	3	6	6	0	0	0	11	0	10	7	11	10	11	1	1	0	0	0	0	1	1	0
March	11.5	SE.	50	W.	1	3	2	5	12	0	0	1	8	0	15	10	6	7	7	0	0	0	2	0	0	0	0	0
April	9.6	SE.	48	N.	2	1	3	8	10	1	1	3	3	0	16	5	9	6	4	0	0	1	0	0	4	1	4	
May	9.4	SE.	44	N.	1	2	3	9	12	1	0	1	3	0	12	9	10	10	8	0	0	0	0	0	6	6	7	
June	11.5	SE.	40	NW.	1	1	1	9	19	0	0	0	0	0	18	10	2	2	1	1	1	0	0	0	26	0	2	
July	11.7	SE.	34	E.	0	0	0	11	19	0	0	1	0	0	21	2	2	2	2	0	0	0	0	0	0	0	2	
August	11.6	SE.	32	E.	0	0	0	14	16	0	0	0	0	0	22	3	3	3	0	0	0	0	0	0	31	0	0	
September	7.9	SE.	40	N.	1	3	3	11	9	0	0	0	4	0	13	2	2	2	2	0	0	0	0	0	12	0	3	
October	7.6	SE.	25	N.	0	0	0	13	14	0	0	2	2	0	19	2	2	2	1	1	1	0	0	0	0	0	0	
November	7.3	SE.	37	N.	0	0	2	1	7	12	1	0	0	0	15	4	4	4	1	1	1	0	0	0	0	0	0	
December	8.4	SE.	32	N.	0	8	0	7	8	1	0	0	0	0	9	4	13	13	9	0	0	0	1	1	0	9	0	
Year..	9.4	SE.	50	W.	7	26	19	107	146	4	1	8	55	0	192	85	89	52	36	1	1	1	6	1	106	20	21	0

DENVER, COLO.

[H_b=5,292 ft.; h₁=106 ft.; h₂=98 ft.; h₃=113 ft.]

January	7.5	S.	36	NE.	0	14	4	1	3	21	5	8	6	0	14	11	6	6	5	8	6	0	1	9	0	28	0	0
February	8.4	S.	48	NW.	2	9	7	3	7	15	3	8	6	0	13	11	5	3	2	7	3	0	0	2	0	23	0	0
March	7.9	S.	35	NW.	0	7	9	2	5	17	6	3	13	0	7	11	13	14	11	18	14	0	1	13	0	11	1	0
April	8.6	S.	40	N.	1	10	7	1	3	17	6	8	8	0	11	12	7	10	9	7	7	1	1	0	0	1	2	0
May	7.1	N.	37	NE.	0	17	11	2	3	16	2	5	4	0	11	11	9	11	3	1	1	1	0	0	0	1	2	0
June	7.6	S.	35	SW.	0	9	7	4	7	15	7	4	4	0	14	15	1	6	3	0	0	0	0	0	8	0	4	0
July	6.8	S.	32	W.	0	9	5	5	12	10	8	8	0	0	14	14	3	6	4	0	0	0	0	0	5	0	9	0
August	7.2	S.	39	N.	0	10	3	4	8	14	9	5	9	0	14	17	0	2	0	0	0	0	0	0	9	0	4	0
September	6.4	S.	29	NE.	0	10	12	4	4	18	2	5	5	0	18	8	4	7	4	1	0	1	0	0	2	0	3	0
October	8.1	S.	46	W.	1	11	5	2	4	19	5	6	8	2	17	11	3	6	6	0	0	0	0	0	0	0	2	0
November	7.5	S.	34	W.	0	7	5	6	12	1	15	8	0	0	16	13	1	2	2	4	2	0	1	0	0	16	0	0
December	5.5	S.	24	NW.	0	16	6	2	8	18	1	7	4	0	10	9	12	12	7	16	12	0	0	13	0	26	0	0
Year..	7.4	S.	48	NW.	4	120	81	36	68	194	57	82	88	2	159	143	64	85	61	62	44	2	3	38	24	134	27	0

DES MOINES, IOWA

[H_b=861 ft.; h₁=84 ft.; h₂=76 ft.; h₃=97 ft.]

January	7.5	NW.	27	SW.	0	10	3	6	4	7	5	20	7	0	15	7	9	6	5	13	5	0	3	18	0	28	0	0
February	7.8	NW.	28	N.	0	8	6	7	3	3	8	11	12	0	12	4	13	9	7	9	7	0	4	12	0	24	0	0
March	7.4	NW.	24	E.	0	17	7	6	3	0	3	6	20	0	5	8	18	10	8	16	8	1	0	6	0	24	2	0
April	8.2	SW.	30	SW.	0	9	2	3	7	10	11	9	9	0	12	8	10	10	6	1	1	1	0	0	0	3	2	0
May	7.3	NW.	42	SW.	1	10	5	2	3	3	9	9	21	0	11	6	14	11	7	0	0	0	0	0	0	0	2	0
June	6.8	SE.	45	NW.	2	12	6	5	10	6	4	9	7	1	7	14	9	14	11	0	0	0	0	0	0	0	15	0
July	5.9	SW.	33	SW.	0	11	5	5	3	12	12	6	7	1	12	13	6	9	6	0	0	0	0	0	0	5	0	8
August	6.8	SW.	32	SW.	0	10	2	11	7	10	11	4	7	0	10	10	11	11	9	0	0	0	0	0	0	6	0	9
September	6.9	E.	33	SW.	0	10	4	15	6	6	5	10	3	1	11	8	11	10	2	0	0	0	1	0	0	0	5	0
October	7.0	SW.	40	SW.	1	1	3	8	11	16	12	5	5	1	16	7	8	6	3	0	0	0	0	1	0	0	6	0
November	8.3	NW.	27	SW.	0	9	2	1	5	4	15	9	15	0	9	10	11	3	4	4	1	0	0	0	0	18	1	0
December	8.4	W.	25	SW.	0	8	8	6	1	6	9	14	10	0	10	5	16	11	9	15	8	0	1	18	0	28	0	0
Year..	7.4	NW.	45	NW.	4	115	53	75	63	83	104	112	123	4	130	100	139	110	82	58	30	2	10	54	11	126	47	0

DETROIT, MICH.

[H_b=730 ft.; h₁=218 ft.; h₂=214 ft.; h₃=258 ft.]

January	13.6	SW.	52	SW.	2	1	0	2	3	9	18	15	14	0	4	12	15	15	12	19	11	0	0	16	0	28	0	0
February	11.7	E.	38	E.	0	7	9	12	3	4	6	11	6	0	8	7	14	15	11	18	12	0	4	16	0	29	0	0
March	12.1	NE.	46	E.	1	12	18	6	1	3	6	4	12	0	5	4	22	12	7	12	3	0	0	15	0	24	1	0
April	12.1	SW.	53	SW.	0	3	7	9	6	4	11	9	11	0	7	13	10	17	14	3	4	0	0	0	0	4	3	0
May	10.7	NW.	46	SW.	0	1	5	10	8	7	12	12	12	0	6	14	11	12	9	0	0	1	0	0	0	0	4	0
June	10.7	SW.	33	NW.	0	3	7	10	7	7	9	8	9	0	14	10	6	12	10	0	0	0	1	0	0	0	7	0
July	9.0	SW.	30	W.	0	4	12	5	2	5	11	11	12	0	19	7	5	6	5	0	0	0	0	0	0	0	5	0
August	8.4	SW.	28	SW.	0	13	5	8	8	6	14	3	10	0	12	16	3	8	5	0	0	0	0	0	0	2	0	4
September	10.3	NW.	38	SW.	0	9	10	8	3	10	3	5	11	1	11	6	13	12	9	0	0	0	1	0	0	0	2	0
October	8.7	NW.	40	SW.	1	9	6	5	5	9	10	8	10	0	18	9	4	3	2	0	0	0	2	0	0	0	2	0
November	13.4	SW.	49	SW.	3	4	2	2	3	5	25	7	12	0	7	13	10	11	5	8	7	0	0	0	0	14	0	0
December	13.0	SW.	43	NW.	2	5	7	2	0	6																		

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

DEVILS LAKE, N. DAK.

[$\phi=48^{\circ} 07' N.$; $\lambda=98^{\circ} 52' W.$]

Month	Pressure			Temperature							Moisture															
	Monthly mean	Extremes		Mean					Extremes	Dew point	Relative humidity		Vapor pressure		Precipitation	Cloudiness										
		Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight			
		In.	In.				In.	°	°	°	°													°	°	°
January	28.449	29.120	27.988	-5.6	3.4	2.2	10.2	(*)	-0.6	38	-32	-8	0	0	88	83	87	0.037	0.051	0.051	0.35	0.26	3.4	5.3	2.9	5.2
February	28.566	29.001	28.020	9.4	21.6	20.2	27.1	5.7	16.4	46	-19	7	16	16	88	78	83	0.067	0.098	0.100	0.39	0.27	4.6	4.8	4.1	4.9
March	28.470	28.733	27.888	18.0	29.4	27.2	32.2	16.3	24.2	46	-1	14	22	22	85	74	80	0.084	0.117	0.116	0.42	0.19	7.0	7.2	7.1	7.1
April	28.281	28.630	27.880	30.4	41.5	41.2	44.1	28.1	37.1	63	15	26	30	31	80	66	68	0.142	0.168	0.174	0.46	1.79	6.5	7.0	6.5	7.0
May	28.384	28.710	27.980	38.8	51.3	51.2	56.7	34.4	45.6	79	25	30	29	29	70	45	44	0.188	0.163	0.183	0.24	6.2	5.5	6.1	5.4	5.7
June	28.342	28.732	27.790	53.1	66.7	64.6	70.6	47.5	59.0	83	33	46	44	46	76	46	54	0.313	0.296	0.325	0.44	1.98	3.9	5.8	5.3	5.1
July	28.399	28.779	28.000	58.7	73.3	72.5	78.4	54.4	66.2	89	39	52	51	52	80	48	51	0.399	0.389	0.401	0.31	4.6	4.7	3.4	3.1	3.7
August	28.337	28.640	27.940	54.1	71.5	69.0	75.6	51.1	63.4	93	39	50	49	51	87	48	55	0.369	0.358	0.389	0.29	5.8	3.6	4.2	4.8	4.3
September	28.403	28.740	27.970	45.5	61.7	57.7	65.2	43.4	54.3	83	33	41	43	44	86	55	63	0.265	0.286	0.295	0.44	1.59	4.9	5.0	4.3	5.2
October	28.360	28.810	27.770	40.9	57.6	51.4	61.8	38.9	50.4	78	31	37	42	42	86	58	72	0.225	0.270	0.275	0.28	1.02	4.0	4.1	3.6	4.1
November	28.384	28.950	27.890	20.7	28.2	25.2	31.8	15.8	23.8	58	-4	16	21	20	81	72	78	0.094	0.113	0.107	0.38	2.1	6.1	5.7	6.0	6.1
December	28.538	29.140	27.860	-2.7	3.4	0.8	9.1	(*)	-0.7	38	-31	-5	-1	-2	89	81	86	0.042	0.050	0.049	0.67	3.4	4.6	6.3	3.6	6.2
Year	28.409	29.140	27.770	30.1	42.5	40.3	47.1	26.1	36.6	93	-32	26	29	29	83	63	68	0.184	0.197	0.204	0.22	1.98	4.8	5.6	4.7	5.4

* -11.4, in January, and -10.5, in December, mean minimum temperatures, Devils Lake.

DODGE CITY, KANS.

[$\phi=37^{\circ} 45' N.$; $\lambda=100^{\circ} 00' W.$]

January	27.503	28.140	26.910	18.0	33.5	31.3	44.2	14.2	28.1	65	-8	16	19	20	91	56	65	0.092	0.105	0.112	0.17	0.13	2.4	3.4	2.3	2.9
February	27.515	27.900	26.880	27.2	33.8	33.8	44.2	24.4	33.6	77	-2	22	26	26	82	57	65	0.124	0.142	0.147	0.21	0.26	5.7	4.1	3.1	4.2
March	27.348	27.650	26.380	27.2	33.8	33.8	44.2	24.4	33.6	70	6	24	27	28	88	67	72	0.132	0.148	0.157	0.27	0.33	5.4	6.1	5.5	5.7
April	27.337	27.790	26.753	42.4	50.6	49.6	56.6	40.3	49.4	86	27	37	36	38	89	45	48	0.226	0.218	0.235	0.34	1.61	4.0	4.4	3.9	4.0
May	27.381	27.644	27.008	47.4	55.7	53.9	60.9	44.4	55.0	88	31	40	41	43	78	44	48	0.256	0.270	0.285	0.33	1.18	4.2	5.1	4.0	4.0
June	27.324	27.750	26.887	54.3	63.8	63.8	69.8	46.1	57.2	106	44	58	56	57	90	42	43	0.490	0.464	0.486	0.29	7.7	6.2	2.4	2.7	3.0
July	27.429	27.730	27.183	64.8	83.3	83.0	87.8	62.4	75.1	100	49	59	59	58	82	46	50	0.515	0.517	0.511	0.34	1.33	2.6	3.1	2.5	3.0
August	27.369	27.660	27.181	68.2	86.6	84.9	91.1	66.0	79.0	105	61	60	61	62	78	45	50	0.526	0.540	0.556	0.23	1.44	2.8	2.9	3.8	3.2
September	27.436	27.790	26.950	54.1	75.6	70.0	80.0	51.9	66.0	99	36	48	48	47	81	41	47	0.347	0.355	0.340	0.22	0.96	2.1	2.5	2.0	2.2
October	27.459	27.830	26.930	48.3	68.6	62.5	72.6	48.2	59.4	89	29	41	42	44	78	42	54	0.273	0.285	0.302	0.18	0.88	2.3	2.3	2.8	2.3
November	27.488	27.840	26.880	33.9	55.8	48.8	60.0	31.1	45.9	86	18	26	27	29	74	35	49	0.147	0.151	0.167	0.34	1.34	2.5	2.8	3.0	2.6
December	27.508	28.170	26.930	16.5	30.7	25.5	35.8	12.1	24.0	67	-10	15	20	20	94	66	83	0.099	0.116	0.123	0.13	0.46	4.7	5.1	4.8	5.6
Year	27.425	28.170	26.880	42.7	60.5	57.3	65.5	40.0	62.7	106	-10	37	38	39	82	49	56	0.269	0.276	0.285	0.19	1.61	3.7	3.6	3.6	3.6

DREXEL, NEBR.

[$\phi=41^{\circ} 20' N.$; $\lambda=96^{\circ} 16' W.$]

January	28.731	29.460	28.250	9.3	18.3	24.4	4.3	14.4	48	-25	8	14	14	97	84	84	0.074	0.094	0.077	0.081	0.03	0.26	6.4	4.8	4.9	5.1
February	28.718	29.143	27.920	21.3	32.1	37.7	7.1	27.8	63	-3	20	26	26	92	78	77	0.111	0.147	0.111	0.111	0.09	0.77	4.8	5.7	5.7	5.4
March	28.566	28.930	27.430	26.9	36.4	39.5	5.2	33.1	66	9	26	28	28	95	72	72	0.139	0.160	0.155	0.78	7.7	7.7	7.4	7.4	7.3	
April	28.498	28.891	27.870	41.6	57.8	62.9	38.9	50.9	96	14	36	39	39	81	52	52	0.220	0.252	0.131	0.76	4.6	5.2	5.2	5.1	5.1	
May	28.514	28.856	28.005	47.3	59.9	64.4	44.2	53.3	88	32	40	41	41	78	54	54	0.256	0.264	0.233	0.56	6.1	6.9	6.9	6.3	6.3	
June	28.499	28.950	27.950	61.5	72.0	76.4	56.7	66.6	88	44	58	61	61	88	68	68	0.488	0.549	0.29	1.74	6.2	5.9	6.2	5.9	5.7	
July	28.618	28.950	28.320	64.6	77.7	80.9	60.1	70.5	90	49	59	61	61	83	59	59	0.512	0.566	0.33	0.83	3.6	4.7	4.7	4.0	4.0	
August	28.526	28.840	28.300	66.4	79.9	83.6	62.9	73.2	95	53	62	66	66	85	64	64	0.556	0.550	0.21	1.11	4.4	5.0	5.0	4.3	4.3	
September	28.628	29.010	28.180	51.9	66.9	70.5	48.8	59.7	80	33	48	51	51	88	58	58	0.347	0.382	0.413	1.70	5.2	5.2	5.2	5.0	5.0	
October	28.655	29.090	27.990	49.8	66.8	70.8	47.6	59.2	82	32	42	45	45	74	49	49	0.277	0.321	0.63	0.57	4.4	4.5	4.4	4.5	4.4	
November	28.637	29.150	28.040	32.1	46.3	50.5	27.6	39.2	75	9	28	30	30	84	53	53	0.155	0.163	0.14	0.09	4.1	6.3	6.3	5.2	5.2	
December	28.766	29.480	28.180	11.0	18.4	23.0	6.0	14.8	50	-19	10	13	13	94	77	77	0.078	0.089	0.174	0.83	6.2	6.5	6.2	6.5	6.2	
Year	28.612	29.480	27.430	40.3	52.7	57.0	36.5	46.8	95	-25	36	40	40	87	64	64	0.268	0.303	0.272	0.22	1.74	5.1	5.6	5.6	5.3	5.3

DUBUQUE, IOWA

[$\phi=42^{\circ} 30' N.$; $\lambda=90^{\circ} 44' W.$]

January	29.377	30.070	28.800	10.7	16.2	15.8	22.5	4.7	13.6	44	-24	6	8	9	80	69	73	0.071	0.077	0.081	0.03	0.26	6.4	4.8	4.9	5.4
February	29.370	29.820	28.750	21.1	32.1	37.7	7.1	27.8	47	-2	17	21	20	84	71	72	0.098	0.113	0.111	0.74	2.4	7.0	6.7	6.2	7.3	
March	29.141	29.579	28.180	28.8	34.4	33.3	37.7	4.26	7.52	62	15	25	25	84	67	69	0.133	0.136	0.134	0.95	0.22	7.8	7.7	7.5	7.7	
April	29.141	29.510	28.640	42.3	54.4	53.6	58.8	33.9	44																	

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

DUE WEST, S. C.

[φ=34° 21' N.; λ=82° 22' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

DULUTH, MINN.

[φ=46° 47' N.; λ=92° 06' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

EASTPORT, ME.

[φ=44° 54' N.; λ=66° 09' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

ELKINS, W. VA.

[φ=38° 53' N.; λ=79° 49' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

ELLENDALE, N. DAK.

[$\phi=45^{\circ} 59' N.$; $\lambda=98^{\circ} 34' W.$]

Month	Pressure				Temperature								Moisture														
	Extremes		Mean		Extremes		Dew point		Relative humidity		Vapor pressure		Precipitation		Cloudiness												
	Monthly mean	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight	
																											In.
January	28.520	20.200	28.060	8.0	9.9	17.1	-6.9	5.1	50	-32	-3	4	84	74	0.050	0.062	0.07	0.03	5.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.6
February	28.598	28.980	28.040	12.6	26.8	33.5	9.0	21.1	54	-13	10	16	88	63	0.074	0.097	0.38	0.18	5.4	6.0	6.0	6.0	6.0	6.0	6.0	5.9	
March	28.473	28.800	27.990	19.4	32.6	36.1	17.4	26.8	53	4	16	17	85	52	0.092	0.096	0.76	0.31	6.7	7.7	7.7	7.7	7.7	7.7	7.7	7.2	
April	28.311	28.680	27.770	31.9	49.6	54.8	29.6	42.2	79	12	29	31	87	52	0.161	0.182	2.63	1.42	5.3	7.7	7.7	7.7	7.7	7.7	7.7	6.9	
May	28.391	28.692	27.950	40.7	55.6	60.6	35.0	47.8	75	25	33	34	75	48	0.190	0.198	8.85	2.5	5.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0	
June	28.357	28.780	27.880	54.9	67.4	70.8	45.6	50.7	83	34	40	51	84	58	0.367	0.384	3.74	1.00	5.0	6.9	6.9	6.9	6.9	6.9	6.9	6.3	
July	28.427	28.810	27.980	58.6	76.3	80.3	53.1	66.7	98	43	52	52	80	44	0.396	0.399	1.53	0.6	3.4	4.5	4.5	4.5	4.5	4.5	4.5	4.3	
August	28.393	28.680	28.000	57.0	74.8	79.0	52.8	65.9	96	39	52	51	84	44	0.399	0.395	0.74	1.32	3.7	4.7	4.7	4.7	4.7	4.7	4.7	4.3	
September	28.429	28.783	28.010	46.6	63.8	67.7	43.6	55.6	92	31	43	43	88	50	0.285	0.283	2.73	1.13	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.7	
October	28.403	28.730	27.750	41.4	61.4	65.5	39.1	52.3	78	29	37	41	86	49	0.230	0.232	1.35	0.82	4.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
November	28.425	28.990	27.800	25.0	35.3	40.4	19.9	30.0	62	7	20	21	81	56	0.108	0.115	0.12	0.05	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.7	
December	28.582	29.260	27.870	2.6	9.3	14.7	-5.4	4.6	52	-28	0	3	86	74	0.054	0.061	0.65	0.15	5.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
Year	28.440	29.260	27.750	33.2	46.9	51.7	28.0	39.8	96	-32	28	30	84	56	0.200	0.211	17.55	1.42	5.1	6.1	6.1	6.1	6.1	6.1	6.1	5.7	

EL PASO, TEX.

[$\phi=31^{\circ} 47' N.$; $\lambda=106^{\circ} 30' W.$]

January	26.268	26.740	25.810	32.1	47.6	50.1	13.0	44.2	66	21	21	19	62	34	0.113	0.113	0.102	0.40	0.39	1.0	1.7	1.1	1.1	1.1	1.1	1.8
February	26.252	26.550	26.020	39.5	54.3	57.9	18.1	36.0	73	26	24	22	55	30	0.131	0.120	0.114	0.12	0.19	2.2	2.2	2.2	2.2	2.2	2.2	2.5
March	26.046	26.380	25.690	41.9	57.8	60.0	23.9	35.1	77	29	24	21	51	25	0.135	0.116	0.111	0.41	0.38	2.3	2.8	2.8	2.8	2.8	2.8	3.1
April	26.115	26.430	25.760	49.7	69.9	74.2	24.8	36.1	84	35	28	23	47	20	0.168	0.135	0.125	0.32	0.27	1.8	3.1	3.3	3.3	3.3	3.3	3.0
May	26.097	26.330	25.915	61.1	78.5	81.1	31.4	42.2	93	60	36	33	28	21	0.210	0.190	0.163	0.27	0.25	1.9	2.2	2.2	2.2	2.2	2.2	2.4
June	26.103	26.360	25.854	72.9	92.6	95.2	39.8	47.1	106	60	38	33	20	16	0.246	0.238	0.190	0.27	0.24	2.6	3.0	3.0	3.0	3.0	3.0	2.6
July	26.173	26.370	25.990	72.1	86.2	88.1	39.0	46.0	101	62	58	56	32	22	0.481	0.448	0.408	0.30	0.24	3.6	1.5	3.9	3.5	3.5	3.5	3.5
August	26.151	26.350	25.990	72.4	88.5	90.0	39.0	46.0	100	60	54	50	32	25	0.433	0.363	0.346	0.28	0.24	2.6	1.9	3.0	2.6	2.6	2.6	2.6
September	26.187	26.530	25.830	65.0	80.3	82.0	38.2	46.0	95	49	47	46	45	34	0.342	0.328	0.312	0.14	0.14	2.9	1.9	1.9	1.9	1.9	1.9	1.3
October	26.217	26.540	25.990	57.0	73.7	77.9	25.4	36.8	87	45	35	36	46	28	0.213	0.226	0.221	0.24	0.24	1.1	1.5	1.5	1.5	1.5	1.5	1.5
November	26.275	26.540	25.920	46.2	63.5	64.4	19.9	24.5	82	25	27	29	30	48	0.153	0.179	0.182	0.01	0.01	1.1	1.1	1.1	1.1	1.1	1.1	1.2
December	26.349	26.630	25.860	36.1	47.0	48.0	12.7	22.6	68	19	23	25	24	61	0.134	0.144	0.144	0.05	0.08	4.5	4.5	4.5	4.5	4.5	4.5	4.7
Year	26.178	26.740	25.690	53.8	69.9	71.8	26.0	36.8	106	19	35	33	32	51	0.230	0.217	0.202	7.28	1.24	2.0	1.9	2.2	2.2	2.2	2.2	2.4

ERIE, PA.

[$\phi=42^{\circ} 07' N.$; $\lambda=80^{\circ} 05' W.$]

January	29.331	29.840	28.480	24.5	26.0	26.2	22.8	18.1	25.4	53	-5	18	19	20	74	75	76	0.107	0.113	0.117	3.13	0.82	0.1	8.7	7.5	8.7
February	29.293	29.870	28.511	22.6	25.8	25.1	20.5	17.3	42	2	18	19	20	82	75	78	103	0.105	0.106	0.127	0.50	7.4	6.9	7.4	7.4	7.2
March	29.089	29.440	28.250	30.0	33.5	33.8	12.7	33.2	70	16	25	26	26	79	73	75	124	0.141	0.146	0.162	0.67	7.4	7.5	7.3	7.3	7.5
April	29.192	29.620	28.640	42.6	46.1	45.9	9.1	43.7	66	24	33	34	35	69	64	67	194	0.196	0.206	0.206	1.18	6.4	6.2	5.2	6.3	6.3
May	29.069	29.360	28.850	49.3	52.2	52.3	35.7	43.4	72	36	42	42	44	77	70	73	274	0.274	0.280	0.280	1.27	6.2	5.7	6.9	6.5	6.5
June	29.168	29.546	28.740	63.8	67.7	65.8	42.2	50.4	88	48	55	56	56	74	68	70	446	0.469	0.450	0.293	0.71	5.7	5.0	4.8	5.2	5.2
July	29.241	29.456	28.370	67.8	73.7	71.1	57.7	60.1	90	51	58	60	60	72	63	66	495	0.519	0.516	0.338	0.56	4.3	3.7	4.6	4.4	4.4
August	29.228	29.460	28.960	67.4	74.1	71.1	57.7	60.1	92	51	57	58	60	70	60	69	477	0.538	0.531	0.281	0.56	4.1	4.9	3.9	4.4	4.4
September	29.288	29.618	28.910	57.9	63.3	60.2	46.0	53.4	82	43	49	52	52	73	67	75	356	0.394	0.367	0.219	0.18	6.4	6.1	5.3	5.8	5.8
October	29.446	29.718	29.110	51.0	59.6	55.5	46.6	54.6	80	34	42	46	46	72	63	71	272	0.327	0.320	0.212	0.11	4.7	3.8	2.1	3.3	3.3
November	29.251	29.710	28.660	39.2	44.1	41.9	34.8	41.2	73	18	31	33	33	72	65	71	182	0.195	0.201	0.148	0.50	7.9	6.7	6.3	7.1	7.1
December	29.345	29.900	28.480	27.3	28.5	28.3	33.9	21.2	63	0	22	23	22	78	79	78	130	0.133	0.132	0.129	0.45	9.0	8.5	8.5	9.3	9.3
Year	29.245	29.900	28.250	45.3	49.6	48.1	31.0	40.0	92	-5	38	39	40	74	68	72	264	0.281	0.284	0.20	3.18	6.6	6.1	5.8	6.3	6.3

ESCANABA, MICH.

[$\phi=45^{\circ} 48' N.$; $\lambda=87^{\circ} 05' W.$]

January	29.378	29.910	28.810	5.6	11.8	13.4	18.0	-0.1	35	-18	4	7	7	91	78	86	0.055	0.063	0.065	1.86	0.44	6.4	5.7	5.1	5.3	5.3
February	29.473	30.020	28.940	14.0	22.5	20.2	25.6	9.7	37	-2	12	16	15	91	75	80	0.076	0.090	0.086	1.09	0.46	6.4	7.3	5.5	6.8	6.8
March	29.309	29.690	28.650	22.7	30.6	28.0	33.5	19.9	51	2	20	22	22	88	69	76	108	0.118	0.115	0.20	0.56	7.0	6.7	5.9		

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

ELLENDALE, N. DAK.

[H_b=1,457 ft.; h₁=10 ft.; h₂=3 ft.; h_a=56 ft.]

Month	Wind										Number of days																			
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Precipitation	Snow	Thunderstorms	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	Mt.																		
January	13.4	NW.	40	N.	2	4	1	0	0	4	7	8	7	0	11	10	10	4	0	10	4	0	0	2	24	0	31	0	1	
February	13.6	NW.	52	N.	0	5	4	1	0	2	2	6	0	0	10	6	13	5	3	7	4	0	0	14	0	23	0	0		
March	13.0	NW.	44	NE.	4	6	2	1	2	0	1	1	1	0	12	0	4	8	19	8	4	12	8	0	1	10	0	30	0	0
April	17.1	NW.	60	NW.	6	4	3	2	1	4	3	1	12	0	4	10	16	13	7	9	5	5	0	0	0	0	20	3	0	0
May	16.6	N.	54	N.	6	7	5	2	0	1	2	4	10	0	5	16	10	7	6	6	5	0	0	0	0	0	0	0	2	0
June	11.3	NW.	44	NW.	2	1	5	2	1	5	4	3	9	0	3	15	12	15	11	0	0	0	2	0	0	0	0	9	0	0
July	12.6	S.	46	SE.	2	4	2	1	2	7	7	1	7	0	16	11	4	5	4	0	0	1	0	0	3	0	6	0	0	
August	12.3	NW.	47	SE.	3	6	3	0	4	3	2	3	10	0	13	11	7	8	5	0	0	2	0	0	2	0	8	0	0	
September	13.2	S.	38	S.	0	4	4	0	5	6	3	1	7	0	11	6	13	9	6	0	0	1	0	1	1	1	1	1	1	
October	14.2	S.	39	NW.	2	3	5	2	1	2	12	2	3	3	1	17	3	11	5	4	0	0	0	1	0	0	4	2	2	
November	15.2	NW.	46	NW.	2	3	4	1	1	0	4	4	3	13	0	7	5	18	5	1	9	5	0	0	0	0	0	0	0	0
December	15.0	NW.	47	NW.	2	5	3	1	1	3	4	3	11	0	8	7	16	9	7	15	9	0	1	26	0	31	0	0	0	
Year	14.0	NW.	60	NW.	35	55	41	12	22	51	45	31	108	1	109	108	149	93	58	68	40	3	10	83	6	184	29	6	0	0

EL PASO, TEX.

[H_b=3,762 ft.; h₁=110 ft.; h₂=102 ft.; h_a=133 ft.]

January	10.0	NW.	39	NW.	0	0	7	7	11	0	4	13	20	0	26	3	2	3	2	0	0	0	0	0	0	0	17	0	0	0	
February	9.2	NW.	40	E.	1	1	7	9	5	2	3	16	15	0	21	5	3	2	1	1	1	0	0	0	0	0	6	0	0	0	
March	13.7	W.	53	W.	4	0	2	4	8	2	5	24	16	0	17	14	0	4	2	2	2	0	0	0	0	0	1	1	1	0	
April	11.4	W.	52	W.	3	2	2	7	7	1	4	19	18	0	17	10	3	4	1	0	0	0	0	0	0	0	0	2	0	0	0
May	11.2	W.	45	N.	3	0	1	2	9	6	6	21	11	0	24	7	0	0	0	0	0	0	0	0	0	0	4	0	0	0	
June	10.6	E.	50	NE.	3	1	2	13	17	2	3	13	19	0	29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	10.4	SE.	54	NE.	3	1	2	11	21	0	6	8	12	0	16	15	0	13	7	7	0	0	0	0	0	0	0	0	0	0	0
August	8.9	NW.	58	N.	4	1	4	9	12	0	6	6	18	0	20	11	0	5	4	0	0	1	0	0	0	0	0	0	0	0	0
September	10.7	E.	38	W.	0	0	7	16	22	0	1	8	0	0	26	4	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
October	10.4	E.	36	SW.	0	0	4	16	13	0	2	14	11	2	26	4	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
November	8.7	NW.	37	W.	0	0	10	5	14	5	2	10	14	0	25	4	1	1	0	0	0	0	0	0	0	0	3	0	0	0	
December	10.8	NW.	50	W.	2	0	5	8	9	5	1	19	15	0	9	15	7	3	0	4	1	0	0	1	0	16	0	0	0	0	
Year	10.5	NW.	58	N.	23	6	58	113	148	29	39	171	165	3	256	93	17	39	20	7	2	1	0	1	91	43	21	0	0	0	

ERIE, PA.

[H_b=714 ft.; h₁=130 ft.; h₂=122 ft.; h_a=166 ft.]

January	19.1	SW.	50	SE.	9	0	1	0	7	14	20	14	6	0	0	7	24	19	14	22	14	0	0	11	0	27	0	0	0	0	
February	12.1	SW.	42	SE.	2	8	13	1	1	3	13	11	7	7	1	6	5	18	15	8	16	13	0	1	20	0	29	1	0	0	
March	12.6	NW.	46	SW.	2	4	11	1	1	3	9	16	17	0	3	9	19	12	6	13	9	0	1	9	0	23	1	0	0	0	
April	14.2	W.	48	SE.	4	5	10	1	8	5	10	17	3	1	8	8	14	17	12	2	1	0	3	1	0	5	1	0	0	0	
May	13.9	W.	42	SW.	4	6	8	1	3	9	10	22	3	0	3	15	13	14	11	0	0	0	1	0	0	0	6	0	0	0	0
June	11.5	W.	52	NW.	3	6	9	1	6	6	10	14	8	0	6	18	6	9	9	0	0	1	0	0	0	0	7	0	0	0	
July	11.1	NW.	47	SW.	1	3	3	1	6	9	7	16	16	1	13	13	5	13	12	0	0	0	0	0	0	1	0	8	0	0	
August	11.1	NW.	44	SW.	1	4	4	2	6	12	4	12	17	1	10	18	3	10	8	0	0	0	0	0	0	2	0	7	0	0	
September	15.4	NW.	41	N.	1	10	6	3	14	3	5	9	10	0	8	11	11	15	13	0	0	2	0	0	0	0	0	2	1	0	0
October	11.7	W.	48	SE.	3	7	3	2	9	11	8	11	6	0	16	12	3	2	0	1	0	0	0	0	0	0	0	1	0	0	0
November	19.1	S.	46	NW.	5	1	0	2	9	17	14	7	10	0	5	7	18	12	9	14	5	0	0	4	0	14	0	0	0	0	
December	18.5	SW.	53	SE.	5	2	4	1	3	17	12	17	6	0	1	2	28	19	16	17	12	0	0	18	0	28	1	0	0	0	
Year	14.3	W.	62	SE.	41	56	77	16	73	109	122	166	109	4	79	125	162	157	118	85	54	3	6	63	3	126	35	1	0	0	

ESCANABA, MICH.

[H_b=612 ft.; h₁=54 ft.; h₂=44 ft.; h_a=60 ft.]

January	9.8	SW.	33	NW.	0	6	5	1	0	5	13	19	13	0	11	8	12	16	11	23	16	0	0	29	0	31	0	1	0	0
February	9.0	N.	32	NE.	0	14	12	3	1	4	7	4	10	3	7	5	17	6	5	15	6	0	3	22	0	29	0	0	0	0
March	11.4	N.	46	N.	2	32	8	1	2	4	5	2	8	0	9	11	11	7	5	16	7	0	0	14	0	31	0	0	0	0
April	9.3	S.	40	E.	1	10	6	7	9	8	9	2	9	0	6	14	10	13	10	10	4	0	1	1	0	18	2	0	0	0
May	10.7	S.	35	NE.	0	15	13	1	5	14	4	5	5	0	11	8	12	12	12	1	0	0	0	0	0	0	5	3	1	0
June	8.7	S.	32	N.	0	11	12	5	4	12	4	6	6	0	10	15	5	9	7	0	0	0	0	0	0	0	6	0	0	0
July	8.8	S.	32	NE.	0	19	7	0	1	16	11	2	5	0	12	8	11	14	11	0	0	0	1	0	0	0	5	0	0	0
August	8.3	S.	32	S.	0	11	9	1	3	15	10	4	10	2	14	9	8	13	11	0	0	0	0	0	0	0	0	0	0	0
September	8.3	S.	36																											

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

EUREKA, CALIF.

[φ=40° 48' N.; λ=124° 11' W.]

Table with columns for Pressure, Temperature, and Moisture, and rows for months from January to December and a Year total. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

EVANSVILLE, IND.

[φ=37° 58' N.; λ=87° 33' W.]

Table with columns for months from January to December and a Year total. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

FORT SMITH, ARK.

[φ=35° 22' N.; λ=94° 24' W.]

Table with columns for months from January to December and a Year total. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

FORT WAYNE, IND.

[φ=41° 05' N.; λ=85° 10' W.]

Table with columns for months from January to December and a Year total. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

EUREKA, CALIF.

[H_b=62 ft.; h₁=73 ft.; h₂=65 ft.; h₃=89 ft.]

Month	Wind											Number of days																		
	By self-register					Number of winds, 8 a. m. and 8 p. m.						Partly cloudy	Cloudy	Precipitation		Snow		Dense fog	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras							
	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							0.01 inch and over	0.04 inch and over	T. or more	0.01 inch or more melted	Hail		
																								0.01 inch and over	0.04 inch and over	0.01 inch and over	0.01 inch or more melted			
January	6.1	SE.	40	NW.	1	15	2	5	13	10	6	1	2	8	12	6	13	10	8	2	1	0	0	6	0	0	0	3	0	0
February	4.4	SE.	39	SW.	0	9	5	2	14	3	6	5	6	8	2	2	22	13	10	0	0	0	10	0	0	0	0	0	0	0
March	9.0	N.	42	N.	1	28	4	3	7	3	3	7	4	10	10	11	14	9	0	0	0	2	2	9	0	0	0	0	0	
April	7.7	N.	42	N.	0	21	6	3	8	2	2	3	3	10	5	12	11	7	0	0	0	1	1	9	0	0	0	0	0	
May	6.2	N.	35	N.	0	16	2	2	6	3	9	6	11	7	10	5	16	6	3	0	0	0	0	0	0	0	0	0	0	
June	6.6	N.	35	N.	0	17	2	1	0	5	3	7	17	8	7	17	6	1	1	0	0	0	2	2	0	0	0	0	0	
July	6.6	N.	25	N.	0	18	1	0	0	8	8	8	18	4	11	14	6	0	0	0	0	0	0	0	0	0	0	0	0	
August	4.8	NW.	19	SW.	0	14	0	1	5	4	3	7	21	7	4	6	21	2	2	0	0	0	5	5	0	0	0	0	0	
September	5.4	N.	9	N.	0	13	3	4	3	4	10	7	3	10	9	7	14	8	0	0	0	0	0	0	0	0	0	0	0	
October	7.8	SE.	40	SW.	1	9	3	1	12	12	4	4	5	8	10	13	19	11	0	0	0	1	6	0	0	0	0	2	0	
November	5.9	SE.	27	S.	0	7	4	4	15	5	8	3	4	6	8	10	6	14	17	14	0	0	0	6	0	0	0	1	0	
December	5.7	SE.	32	N.	0	13	5	6	12	6	3	4	5	8	8	4	19	18	17	0	0	0	1	8	0	0	0	0	0	
Year..	6.4	N.	42	N.	3	178	37	32	97	65	73	53	115	82	103	101	162	117	82	2	1	6	57	0	0	10	6	0	0	

EVANSVILLE, IND.

[H_b=431 ft.; h₁=139 ft.; h₂=135 ft.; h₃=175 ft.]

January	12.0	SW.	38	SW.	0	9	1	4	2	13	11	8	14	0	10	10	11	11	8	7	1	0	4	11	0	25	0	0	0
February	12.3	NW.	32	SW.	0	8	10	5	4	4	9	7	11	0	3	13	13	9	6	9	4	0	3	6	0	0	19	1	0
March	12.5	NW.	64	SW.	1	11	7	8	1	6	7	5	17	0	4	9	18	11	10	12	5	1	1	1	0	13	2	0	0
April	11.6	SW.	47	SW.	4	7	5	5	11	8	11	5	8	0	6	17	7	12	10	1	0	0	0	0	0	0	6	0	0
May	11.0	SW.	42	NW.	1	10	7	0	4	2	17	13	9	0	5	14	12	13	13	0	0	0	1	0	0	0	5	0	0
June	9.6	SW.	58	SW.	1	9	10	3	1	8	15	9	5	0	2	23	5	13	10	0	0	1	0	0	5	0	11	0	0
July	8.0	SW.	40	W.	1	7	12	4	3	7	9	14	6	0	5	21	5	7	5	0	0	0	0	0	7	0	7	0	0
August	8.6	SW.	35	N.	0	11	13	5	5	6	14	7	1	0	13	17	1	7	6	0	0	0	1	0	14	0	7	0	0
September	10.7	NE.	52	W.	3	14	17	4	8	4	10	0	3	0	8	18	4	10	9	0	0	0	0	0	1	0	4	0	0
October	8.7	NE.	36	SW.	0	3	24	11	8	6	4	5	1	0	19	11	1	1	1	0	0	0	3	0	0	0	0	1	0
November	12.0	SW.	38	SW.	0	9	5	4	3	6	17	10	6	0	6	16	8	7	4	3	1	0	3	0	0	0	1	0	0
December	11.4	SW.	31	SW.	0	7	8	5	9	6	14	4	9	0	10	8	13	10	8	4	3	1	2	8	0	19	2	0	0
Year..	10.7	SW.	64	SW.	11	106	119	58	59	76	138	87	90	0	91	177	98	111	87	36	14	3	18	25	27	84	48	0	0

FORT SMITH, ARK.

[H_b=457 ft.; h₁=79 ft.; h₂=72 ft.; h₃=94 ft.]

January	9.0	E.	33	E.	0	4	4	26	2	4	2	6	18	1	14	6	11	9	7	3	1	0	1	0	0	24	1	0	0
February	8.7	E.	32	NW.	0	9	4	17	1	1	9	8	9	0	11	3	15	9	5	0	0	0	1	2	0	12	1	0	0
March	10.3	E.	61	SW.	2	9	2	18	1	3	6	9	12	2	11	6	14	12	10	6	4	0	0	0	0	5	1	0	0
April	9.1	E.	45	NW.	1	2	3	27	3	6	6	8	4	1	11	10	9	7	6	0	0	1	0	0	1	1	7	0	0
May	8.2	E.	70	NW.	3	6	5	19	3	6	9	7	7	0	12	12	7	8	4	0	0	0	0	0	0	0	5	0	0
June	8.4	S.	51	W.	2	2	5	19	7	19	2	1	5	0	10	15	5	8	8	0	0	0	1	0	0	0	0	9	0
July	6.4	E.	34	NW.	0	11	8	24	1	7	2	3	8	0	11	12	8	6	5	0	0	0	0	0	0	0	0	7	0
August	6.9	E.	37	NW.	0	4	3	26	7	13	5	0	9	0	12	12	7	6	3	0	0	0	0	0	0	23	0	10	0
September	7.0	E.	33	N.	0	7	7	26	8	4	3	2	3	0	17	7	6	7	6	0	0	0	1	0	0	3	0	4	0
October	6.7	E.	37	NW.	0	6	12	31	4	4	1	1	7	3	0	22	7	2	3	2	0	0	0	0	0	0	0	2	0
November	8.6	E.	40	SW.	1	5	3	18	4	7	9	7	7	0	13	8	9	4	3	1	0	0	0	0	0	0	4	2	0
December	9.5	E.	34	W.	0	6	1	28	1	1	8	9	9	5	0	11	7	13	9	6	3	0	1	0	6	0	17	2	0
Year..	8.2	E.	70	NW.	9	71	57	231	42	77	63	61	74	6	156	105	106	88	65	15	5	3	4	13	70	63	51	0	0

FORT WAYNE, IND.

[H_b=856 ft.; h₁=113 ft.; h₂=107 ft.; h₃=124 ft.]

January	11.2	SW.	37	W.	0	2	0	5	3	9	20	17	5	0	9	7	15	11	10	12	8	0	2	15	0	27	0	0	0
February	10.8	E.	31	NW.	0	7	13	9	1	2	11	9	7	0	8	5	16	10	8	14	8	0	2	13	0	22	0	0	0
March	9.6	N.	45	SW.	0	1	15	16	11	1	2	4	8	11	0	4	6	21	15	11	17	9	0	1	7	0	28	1	0
April	10.4	E.	35	W.	0	1	5	12	5	8	10	6	13	0	6	14	10	14	9	2	2	1	0	1	0	4	3	0	0
May	9.0	SW.	38	SW.	0	3	2	6	6	5	15	10	15	0	6	12	13	17	12	0	0	1	0	0	0	0	5	0	0
June	7.1	SW.	39	NW.	0	4	10	8	2	7	12	7	10	0	1	14	15	16	15	0	0	0	2	0	1	0	10	0	0
July	7.0	SW.	26	NW.	0	8	4	9	4	8	15	5	9	0	10	13	8	7	6	0	0	1	0	0	0	0	5	0	0
August	7.0	SW.	33	W.	0	8	5	6	8	7	15	4	8	1	12	14	5	9	7	0	0	0	0	0	0	8	0	8	0
September	7.3	NW.	24	W.	0	12	7	11	6	4	5	6	10	0	7	8	15	10	9	0	0	0	0	0	0	0	4	0	0
October	6.4	SW.	25	SW.	0	6	8	9	2	11	9	7	8	3	20	8	3	4	3	8	0	0	1	0	0	2	2	0	0
November	11.0	SW.	37	W.	0	2	5	1	5	11	23	5	8	0	11	7	12	9	5	8	3	0	0	0	0	0	13	0	0
December	10.8	SW.	42	W.	1	2	4	7	0	17	18	9	4	1	5	9	17	11	9	8	3	0	3	17	0	27	0	0	0
Year..	8.9	SW.	45	SW.	2	69	72	94	43	91	137	92	100	5	90	117	150	133	104	61	33	3	11	56	9	128	40	0	0

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

FORT WORTH, TEX.

[φ=32° 43' N.; λ=97° 15' W.]

Month	Pressure				Temperature								Moisture													
	Extremes		Mean		Extremes		Dew point		Relative humidity		Vapor pressure		Precipitation		Cloudiness											
	Monthly mean	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight
January	29.492	30.290	28.930	34.044	6.45	4.52	3.30	6.41	4	73	15	29	33	32	81	68	61	0.169	0.198	0.188	0.89	0.44	3.9	4.2	3.5	4.1
February	29.420	29.850	28.770	40.750	2.52	1.56	8.37	9.47	4	80	23	34	35	37	76	61	60	0.202	0.217	0.285	1.97	0.96	5.9	5.9	6.0	5.9
March	29.231	29.610	28.570	44.953	6.56	0.69	8.41	9.50	8	86	28	37	40	40	76	64	59	0.236	0.270	0.263	4.66	1.56	5.4	5.0	5.7	5.5
April	29.217	29.690	28.731	56.769	8.71	8.76	0.54	4.65	2	93	36	50	53	51	79	59	51	0.380	0.442	0.402	2.33	2.06	5.5	5.0	5.3	5.0
May	29.197	29.540	28.886	60.073	8.75	7.79	2.58	7.69	0	95	46	53	56	54	79	54	50	0.418	0.458	0.447	4.00	2.06	5.3	4.9	4.5	5.1
June	29.171	29.490	28.903	74.388	4.90	2.93	8.73	0.83	4	105	60	67	67	65	80	50	44	0.676	0.657	0.611	1.25	0.86	3.8	3.5	1.4	3.4
July	29.256	29.550	28.990	74.288	5.90	5.93	0.73	0.83	6	102	56	66	64	61	75	46	39	0.637	0.609	0.543	0.96	0.2	4.5	4.5	3.3	4.0
August	29.207	29.410	28.994	77.788	1.93	3.97	2.70	8.67	0	104	69	68	66	64	72	43	40	0.681	0.694	0.601	3.77	1.78	4.4	4.0	2.5	4.0
September	29.273	29.620	28.840	47.182	7.79	6.64	6.64	0.74	3	100	49	59	58	57	78	51	50	0.520	0.501	0.466	3.78	2.68	3.3	3.4	2.5	3.2
October	29.350	29.760	29.032	58.877	7.76	0.81	1.57	6.69	4	90	38	49	49	49	71	59	40	0.377	0.376	0.375	7	2	2.2	1.8	1.6	1.8
November	29.407	29.750	28.934	50.765	1.63	8.70	2.48	3.59	2	85	35	42	45	41	74	51	48	0.296	0.321	0.289	1.60	1.04	3.8	3.8	2.5	2.7
December	29.438	30.170	28.880	39.148	4.47	8.54	5.35	3.44	9	80	7	34	37	36	83	66	66	0.230	0.251	0.232	1.23	0.74	5.4	5.9	5.9	5.9
Year	29.305	30.290	28.570	56.469	3.70	2.74	9.54	3.64	6	105	7	49	50	49	77	54	51	0.402	0.411	0.390	26.44	2.68	4.4	4.3	3.8	4.3

FRESNO, CALIF.

[φ=36° 43' N.; λ=119° 49' W.]

January	29.835	30.150	29.560	38.451	3.64	6.57	1.36	3.46	7	66	24	34	35	35	85	58	52	0.200	0.211	0.211	0.54	0.46	1.7	4.5	3.6	3.8
February	29.312	30.100	29.490	47.562	1.65	8.67	7.45	1.56	4	79	36	44	42	42	89	54	45	0.273	0.292	0.272	0.31	0.31	2.5	3.4	3.6	3.1
March	29.600	29.920	29.250	45.359	6.62	9.65	1.43	6.54	4	79	37	39	37	35	79	46	38	0.236	0.227	0.193	2.89	1.49	3.4	3.8	3.6	3.5
April	29.620	29.920	29.310	51.068	5.72	8.74	8.49	3.62	0	89	39	44	41	38	79	40	32	0.297	0.264	0.239	5.4	2.4	2.1	2.9	1.9	2.3
May	29.518	29.770	29.247	58.280	2.86	0.88	0.57	1.72	6	102	46	46	43	38	69	28	20	0.310	0.280	0.236	T.	T.	1.4	1.5	1.8	1.6
June	29.520	29.730	29.290	61.885	5.92	2.93	6.51	1.77	4	108	52	46	42	36	58	23	15	0.318	0.266	0.213	0.00	0.00	3	7	1.3	1.8
July	29.507	29.730	29.290	64.688	5.96	2.87	5.93	5.80	5	108	58	42	43	38	45	22	14	0.275	0.283	0.229	0.00	0.00	6	2	2	3
August	29.517	29.750	29.340	64.787	7.94	6.96	2.63	3.79	8	109	55	46	44	40	52	24	18	0.314	0.285	0.248	T.	T.	2	5	5	4
September	29.514	29.760	29.260	60.783	8.99	7.91	8.53	5.75	2	105	47	41	42	37	50	24	16	0.262	0.274	0.227	0.00	0.00	6	3	4	4
October	29.651	29.920	29.380	51.868	4.71	5.74	2.49	0.61	9	90	40	44	43	42	76	44	37	0.290	0.285	0.276	0.64	0.30	1.5	2.3	2.2	2.1
November	29.789	30.000	29.525	46.261	6.62	4.66	3.43	9.56	1	80	35	43	42	41	88	52	48	0.279	0.277	0.263	0.73	0.73	2.2	3.1	3.6	2.9
December	29.821	30.140	29.230	41.248	6.48	9.52	2.83	7.45	4	62	25	30	39	40	92	72	73	0.246	0.245	0.251	1.61	0.45	6.6	6.1	6.3	6.8
Year	29.643	30.150	29.230	52.670	5.74	8.77	0.50	8.64	0	109	24	42	41	38	71	41	34	0.275	0.267	0.238	7.26	1.49	1.9	2.4	2.4	2.3

GALVESTON, TEX.

[φ=28° 18' N.; λ=94° 50' W.]

January	30.167	30.835	29.540	46.652	0.51	9.56	4.44	3.50	4	71	26	42	45	46	86	79	80	0.292	0.329	0.328	5.87	2.17	4.6	5.4	5.3	5.1
February	30.079	30.480	29.540	51.957	5.66	1.61	2.49	9.55	6	72	35	47	49	50	85	76	82	0.344	0.368	0.385	5.07	2.14	4.6	5.0	4.1	4.6
March	29.906	30.240	29.380	55.780	0.59	2.03	8.63	8.58	8	78	37	52	50	50	87	73	75	0.405	0.397	0.385	1.43	1.11	5.4	5.2	3.8	5.3
April	29.920	30.330	29.600	64.489	0.67	3.71	4.03	1.67	2	77	47	62	62	62	91	80	85	0.567	0.581	0.573	1.14	1.00	6.7	6.5	0.4	6.6
May	29.886	30.100	29.680	70.374	7.73	8.77	7.63	1.72	9	85	59	65	64	65	83	72	76	0.636	0.680	0.643	3.39	1.08	6.1	4.8	4.5	4.5
June	29.914	30.050	29.760	79.283	0.81	8.85	5.77	5.81	5	89	68	73	73	74	86	72	77	0.856	0.824	0.886	2.51	1.97	3.5	3.1	2.7	2.8
July	29.968	30.100	29.830	78.684	9.83	1.87	2.78	2.82	7	95	69	75	72	72	80	65	70	0.808	0.794	0.798	T.	T.	1.9	1.7	2.2	1.9
August	29.924	30.040	29.730	81.957	5.84	3.99	8.80	5.85	2	100	70	76	74	75	81	66	74	0.880	0.849	0.874	0.49	0.28	3.1	2.9	3.0	2.5
September	29.906	30.250	29.650	76.383	0.60	9.85	7.74	7.80	2	90	61	68	67	68	78	60	66	0.714	0.691	0.707	0.04	0.03	2.7	2.4	2.2	2.0
October	30.023	30.330	29.830	69.377	0.74	5.79	0.68	4.73	7	85	52	62	61	62	80	60	68	0.591	0.584	0.597	0.03	0.03	1.7	1.0	5	1.3
November	30.110	30.430	29.700	64.859	9.68	4.72	8.62	1.67	4	79	48	58	58	58	79	67	71	0.512	0.507	0.510	1.52	0.83	3.1	3.3	7	2.6
December	30.116	30.640	29.680	51.755	5.55	1.60	4.48	8.54	6	73	28	47	46	47	86	74	78	0.370	0.350	0.373	5.33	1.75	6.3	7.4	5.8	6.9
Year	29.993	30.835	29.380	66.071	2.69	7.74	2.64	1.69	2	100	26	61	60	61	84	70	75	0.582	0.573	0.584	27.86	2.17	4.2	4.0	3.4	3.8

GRAND HAVEN, MICH.

[φ=43° 05' N.; λ=86° 13' W.]

January	29.397	29.913	28.000	19.322	3.22	6.27	1.13	9.20	5	41	-5	15	18	19	84	82	83	0.094	0.105	0.111	2.33	0.45	3.8	3.3	3.3	9.2
February	29.469	29.940	28.710	19.826	3.26	0.29	9.16	7.23	3	38	-2	14	20	21	76	74	78	0.096	0.107	0.112	2.19	0.69	7.8	6.8	6.2	6.7
March	29.222	29.610	28.290	28.034	2.31	7.36	5.25	3.30	9	47	13	22	26	27	76	66	81	0.120	0.140	0.140	2.49	0.64	7.1	7.5	7.3	7.1
April	29.258	29.601	28.780	42.143	6.44	3.50	3.96																			

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

FORT WORTH, TEX.

[H₀=670 ft.; h₁=106 ft.; h₂=51 ft.; h_a=114 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										0.01 inch and over	0.04 inch and over	T. or more 0.01 inch or more melted	Dense fog	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras						
					North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear										Partly cloudy	Cloudy				
January	9.8	S.	33	W.	0	10	2	5	14	12	6	3	10	0	17	5	9	5	2	0	0	0	4	2	0	20	1	0	
February	8.6	NW.	40	W.	0	11	9	4	6	5	7	4	12	1	11	5	14	6	5	1	1	0	0	0	0	0	0	0	
March	11.4	NW.	38	W.	0	10	9	9	9	9	9	7	6	12	0	11	7	13	11	10	3	3	1	0	0	0	5	4	
April	10.7	S.	38	W.	0	9	9	0	16	13	0	1	13	0	11	9	10	4	3	3	0	0	0	0	0	0	2	2	
May	8.6	S.	34	SW.	0	9	9	1	2	17	10	2	6	1	10	13	8	10	8	0	0	0	0	0	0	0	0	9	0
June	12.7	S.	39	W.	0	1	2	2	17	31	4	2	1	0	16	12	2	4	3	3	0	0	0	0	0	0	0	4	
July	10.0	S.	27	SE.	0	2	7	7	24	18	3	0	5	1	16	9	6	2	2	2	0	0	0	0	0	0	0	1	
August	10.1	S.	40	NW.	1	1	3	3	23	18	3	2	2	2	14	15	2	6	4	0	0	0	0	0	0	0	0	4	
September	8.2	SE.	38	SE.	0	2	2	15	13	9	4	1	4	3	17	9	5	6	5	0	0	0	0	0	0	0	11	0	
October	8.1	SE.	37	SE.	0	0	0	16	18	4	1	2	2	1	23	9	1	0	0	0	0	0	0	0	0	0	0	1	
November	9.5	S.	36	S.	0	0	0	8	12	11	5	3	3	1	19	9	5	6	4	4	0	0	0	0	0	0	0	4	
December	9.7	NW.	36	W.	0	0	0	9	11	5	5	3	15	1	10	5	5	2	2	2	0	0	0	0	0	0	0	14	
Year	9.9	S.	40	W.	2	73	76	64	170	144	65	34	96	10	171	104	91	62	48	7	2	1	8	5	94	48	34	0	

FRESNO, CALIF.

[H₀=327 ft.; h₁=89 ft.; h₂=82 ft.; h_a=98 ft.]

January	4.1	NW.	24	NW.	0	1	7	12	7	1	0	0	32	2	15	7	9	3	2	0	0	0	0	7	0	0	6	0
February	5.4	NW.	29	NW.	0	1	3	10	4	2	3	6	27	2	18	7	4	2	2	2	0	0	0	2	2	0	0	0
March	6.2	NW.	36	NW.	0	4	4	4	2	9	1	2	30	1	18	7	7	3	3	3	0	0	0	0	0	0	0	0
April	7.0	NW.	36	NW.	0	4	5	4	2	9	0	1	34	2	22	5	3	3	3	3	0	0	0	0	0	0	0	0
May	8.2	NW.	32	NW.	0	0	2	1	0	1	1	1	51	5	25	4	2	0	0	0	0	0	0	0	0	0	0	14
June	9.2	NW.	32	NW.	0	2	0	0	2	2	0	1	50	3	27	3	0	0	0	0	0	0	0	0	0	0	0	0
July	8.6	NW.	21	NW.	0	1	0	0	0	1	2	2	54	2	29	2	0	0	0	0	0	0	0	0	0	0	0	0
August	8.2	NW.	25	NW.	0	1	0	1	0	0	0	2	56	2	30	1	0	0	0	0	0	0	0	0	0	0	0	25
September	7.0	NW.	26	NW.	0	0	1	4	2	0	4	1	47	1	29	1	0	0	0	0	0	0	0	0	0	0	21	
October	5.6	NW.	24	NW.	0	2	5	9	6	0	2	1	35	2	21	9	1	5	4	0	0	0	0	1	0	0	1	
November	4.2	NW.	27	NW.	0	4	1	2	5	2	1	1	28	10	20	7	3	1	1	1	0	0	0	1	0	0	0	
December	4.7	NW.	20	NW.	0	1	3	8	5	4	0	2	27	8	5	10	16	9	8	0	0	0	5	0	0	0	6	
Year	6.6	NW.	36	NW.	0	19	31	65	46	25	14	21	471	40	250	63	44	31	26	0	0	0	16	0	108	12	1	

GALVESTON, TEX.

[H₀=54 ft.; h₁=106 ft.; h₂=98 ft.; h_a=114 ft.]

January	12.4	N.	40	NW.	1	12	9	11	9	1	3	5	9	0	9	14	9	6	6	0	0	0	0	3	0	0	3	3
February	12.4	SE.	42	NW.	2	8	3	8	12	11	0	5	11	0	12	9	9	6	7	0	0	0	0	1	0	0	0	3
March	13.0	SE.	44	NW.	2	9	3	7	22	4	3	11	0	10	12	9	7	3	0	0	0	0	2	0	0	0	0	
April	11.3	SE.	48	SE.	1	7	4	10	20	12	1	3	3	0	4	13	13	7	4	0	0	0	0	0	0	0	0	
May	10.2	SE.	56	NW.	1	10	5	1	25	16	0	3	2	0	9	18	4	10	9	0	0	0	0	0	0	0	0	
June	10.7	S.	38	SE.	0	2	0	2	16	25	10	2	2	0	21	5	4	3	3	0	0	0	0	0	0	0	0	
July	9.7	S.	22	S.	0	6	3	2	6	32	10	2	1	0	26	4	1	0	0	0	0	0	0	0	0	0	0	
August	9.7	S.	23	N.	0	12	1	0	4	35	10	6	4	0	22	9	0	3	3	0	0	0	0	0	0	0	0	
September	9.9	N.	26	N.	0	12	5	13	15	2	0	4	0	0	23	7	0	0	0	0	0	0	0	0	0	0	0	
October	8.1	SE.	26	NE.	0	13	10	4	13	14	1	0	2	0	25	6	0	1	0	0	0	0	1	0	0	0	1	
November	12.7	N.	34	N.	0	16	3	4	11	19	5	0	2	0	20	6	4	5	4	0	0	0	0	0	0	0	1	
December	12.7	N.	34	SE.	0	22	6	5	4	15	5	1	3	1	5	11	15	11	9	1	1	0	1	0	0	0	6	
Year	11.0	S.	56	NW.	7	129	49	59	100	199	50	31	54	1	185	113	68	83	48	1	1	0	9	0	11	9	31	

GRAND HAVEN, MICH.

[H₀=632 ft.; h₁=54 ft.; h₂=49 ft.; h_a=80 ft.]

January	15.1	W.	45	W.	5	3	2	4	8	7	9	20	10	0	4	27	20	14	22	18	9	2	20	0	30	0	0
February	10.2	NE.	43	W.	1	11	15	10	3	2	4	4	9	0	7	7	15	11	6	19	11	9	2	17	0	0	0
March	10.2	N.	37	W.	0	23	14	6	1	1	2	5	4	0	6	5	26	13	10	17	10	0	0	0	0	0	0
April	10.5	W.	36	S.	0	5	12	6	10	11	16	2	3	0	6	18	10	13	10	4	2	0	0	0	0	0	0
May	8.7	W.	36	S.	0	5	9	3	8	13	11	8	0	0	10	10	11	13	12	0	0	0	0	0	0	0	0
June	8.7	W.	33	W.	0	7	6	5	3	8	7	14	10	0	8	13	9	14	11	0	0	0	0	0	0	0	0
July	8.9	W.	32	W.	0	8	3	2	4	14	8	9	16	0	15	11	5	10	7	0	0	0	0	0	0	0	0
August	8.6	SE.	36	SE.	0	10	5	4	3	14	9	6	10	1	8	17	6	9	8	0	0	0	0	0	0	0	0
September	9.4	N.	46	W.	1	16	1	3	10	6	3	4	12	0	8	11	11	11	10	0	0	0	0	0	0	0	2
October	9.2	S.	36	SW.	0	12	1	10	6	13	11	6	9	0	20	10	1	7	2	0	0	0	0	0	0	0	3
November	15.2	W.	46	NW.	4	4	5	4	6	9	10	16	6	0	6	6	18	15	12	12	8	0	0	0	0	0	15
December	15.2	W.	50	W.	2	7	3	8	5	3	12	19	5	0	2	3	26	21	10	21	15	0	0	0	0	0	29
Year	11.4	W.	60	W.	12	109	63	82	58	96	101	128	94	1	94	113	159										

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

GRAND JUNCTION, COLO.

[φ=39° 04' N.; λ=108° 34' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

GRAND RAPIDS, MICH.

[φ=42° 58' N.; λ=85° 40' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

GREEN BAY, WIS.

[φ=44° 31' N.; λ=88° 00' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

GREENVILLE, S. C.

[φ=34° 50' N.; λ=82° 24' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

GRAND JUNCTION, COLO.

[H_b=4,602 ft.; h₁=60 ft.; h₂=52 ft.; h_a=68 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
January	3.3	NW	14	SE	0	10	1	7	11	1	2	9	20	1	16	12	3	5	3	7	5	0	0	0	21	0	31	0	0
February	4.4	SE	22	NW	0	13	2	4	11	7	2	7	12	0	10	11	8	3	1	5	2	0	0	0	0	0	26	0	0
March	7.2	SE	37	W	0	13	3	7	15	5	2	5	12	0	6	11	14	10	5	12	6	0	0	0	0	0	0	0	0
April	6.9	SE	33	SW	0	13	3	3	13	7	4	3	11	0	14	9	7	4	3	4	3	0	0	0	0	0	5	0	0
May	5.9	SE	28	W	0	12	3	5	12	12	1	3	14	0	18	8	5	8	6	6	0	0	1	0	0	0	0	4	0
June	7.2	SE	38	W	0	8	2	7	14	3	8	6	12	0	21	8	1	1	0	0	0	0	0	0	0	17	0	0	0
July	5.9	SE	28	SW	0	7	6	9	16	8	5	4	7	0	17	11	3	7	4	0	0	0	0	0	0	0	0	0	0
August	6.4	SE	28	SW	0	8	6	10	17	5	2	5	9	0	22	8	1	4	3	0	0	0	0	0	0	21	0	0	7
September	6.2	SE	28	NW	0	13	1	5	23	4	2	5	9	0	20	6	4	5	3	0	0	0	0	0	0	5	0	0	0
October	6.2	SE	44	S	0	9	2	8	18	6	8	4	10	0	13	13	5	7	6	2	1	0	0	0	0	0	0	2	0
November	4.7	SE	38	SW	0	7	2	3	16	10	1	10	11	1	23	6	1	4	3	3	2	0	0	0	0	0	0	0	0
December	4.5	NW	42	S	1	10	4	3	15	4	2	5	18	1	9	10	12	12	8	14	10	0	0	0	15	0	30	0	0
Year	5.7	SE	44	S	3	121	35	69	170	72	39	69	145	3	189	118	64	70	45	46	27	1	0	37	66	141	22	0	0

GRAND RAPIDS, MICH.

[H_b=707 ft.; h₁=70 ft.; h₂=70 ft.; h_a=87 ft.]

January	7.3	W	28	W	0	0	0	3	9	7	9	27	7	0	3	7	21	15	10	13	13	0	2	19	0	28	0	0	0
February	6.8	E	29	E	0	0	4	21	8	2	4	10	9	0	3	10	16	12	8	17	10	0	0	0	2	17	0	1	0
March	6.4	E	24	E	0	0	3	8	20	4	3	3	7	14	0	6	6	19	15	11	16	10	1	0	0	5	0	24	0
April	7.5	W	25	W	0	0	2	9	13	6	4	20	6	0	6	9	15	13	11	5	4	0	0	0	0	0	0	4	0
May	6.3	W	28	W	0	0	1	4	9	4	5	10	19	10	0	7	8	16	14	13	2	0	0	0	0	0	1	4	0
June	5.3	W	25	W	0	0	1	3	11	3	6	6	15	12	0	4	13	13	12	10	0	0	0	0	0	0	0	0	7
July	4.7	W	13	NW	0	0	4	3	4	6	2	16	17	11	0	10	8	13	12	8	0	0	0	0	0	0	0	0	10
August	4.6	W	24	W	0	0	3	5	3	8	9	9	13	12	2	9	12	10	8	8	0	0	0	0	0	2	0	6	
September	5.2	NW	23	NW	0	0	2	3	7	14	6	1	8	15	3	5	10	15	10	10	0	0	0	0	0	0	0	3	
October	4.3	S	23	W	0	1	5	8	12	10	10	7	4	5	14	12	5	3	1	0	0	0	0	0	0	0	1	2	
November	7.5	NW	30	NW	0	2	1	3	6	13	11	12	12	0	3	9	18	13	11	11	6	0	1	4	0	15	2	0	
December	7.2	NW	39	SE	0	1	2	8	9	2	14	9	16	1	0	4	27	17	11	20	11	0	0	0	19	0	29	0	
Year	6.1	W	39	SE	0	17	45	106	101	71	89	184	128	11	70	106	188	144	112	93	54	1	8	64	3	131	36	1	

GREEN BAY, WIS.

[H_b=617 ft.; h₁=109 ft.; h₂=101 ft.; h_a=141 ft.]

January	12.3	W	37	E	0	5	3	1	2	14	11	26	0	0	10	12	8	8	5	13	8	0	0	26	0	31	0	0
February	12.0	N	49	N	2	16	10	4	0	10	6	9	3	0	6	3	20	8	5	15	8	0	1	20	0	29	0	0
March	11.3	N	53	NE	2	27	11	2	1	7	9	2	1	2	7	8	16	14	10	15	14	0	1	7	0	30	0	0
April	11.8	W	36	NE	0	3	13	9	4	11	7	10	2	1	3	15	12	14	13	6	3	0	0	0	0	6	3	
May	11.5	NE	39	NW	0	6	12	0	6	13	12	8	5	0	5	12	14	18	12	2	0	1	1	0	0	0	0	2
June	9.1	S	40	NE	1	2	8	4	8	14	10	9	5	0	4	13	13	14	9	0	0	1	0	0	0	0	0	9
July	9.0	S	40	N	1	5	6	4	6	18	7	11	5	0	8	14	9	9	8	0	0	0	0	0	0	0	0	6
August	9.5	S	44	S	1	4	6	3	8	21	7	4	9	0	12	9	10	11	11	0	0	1	1	0	0	0	0	9
September	9.6	SE	44	SW	1	4	1	6	11	22	9	9	7	1	10	7	13	10	8	0	0	0	0	0	0	0	1	2
October	10.0	S	42	SW	1	5	2	8	11	22	8	4	1	1	15	12	4	4	1	0	0	0	2	0	0	0	1	0
November	13.2	SW	39	S	0	4	2	5	1	15	16	10	7	0	5	9	16	11	7	12	6	0	0	0	0	0	20	2
December	12.4	SW	32	W	1	9	3	1	2	7	22	9	9	0	12	6	13	10	5	16	10	0	1	22	0	30	0	0
Year	11.0	S	53	NE	10	90	77	47	60	164	134	111	54	5	97	121	148	131	94	79	49	3	7	80	0	147	32	3

GREENVILLE, S. C.

[H_b=1,069 ft.; h₁=113 ft.; h₂=102 ft.; h_a=122 ft.]

January	8.1	NE	35	NW	0	6	20	5	5	2	12	8	2	2	15	5	11	9	6	0	0	0	1	2	0	17	0	0
February	9.7	NE	35	NE	0	7	15	4	0	4	9	12	5	1	14	4	11	11	10	1	1	0	0	0	0	11	1	
March	9.8	W	47	W	1	9	17	2	2	4	11	11	6	0	12	9	10	13	10	3	2	0	0	0	0	8	2	
April	10.4	NE	46	SW	1	9	12	9	2	4	9	12	3	0	12	7	11	13	11	0	0	0	1	0	0	1	4	
May	9.1	SW	47	NW	1	9	7	3	3	5	14	16	8	0	14	12	8	10	7	0	0	0	1	0	0	0	0	
June	8.9	SW	50	NW	2	2	7	9	6	6	5	18	9	0	7	20	3	10	7	0	0	0	0	0	0	10	0	
July	6.2	E	30	N	6	3	16	15	6	4	7	6	1	0	10	12	9	16	13	0	0	0	2	0	0	7	0	
August	6.5	NE	32	NW	0	6	4	19	10	4	5	4	12	4	0	23	12	5	7	4	0	0	1	0	0	12	0	
September	7.9	NE	33	W	0	8	28	4	4	6	6	3	1	1	9	8	13	16	14	0	0	0	1	0	1	0	5	
October	5.8	NE	32	N	0	14	17	15	3	4	2	3	4	0	24	4	3	2	2	0	0	0	0	0	0	0	0	
November	6.9	SW	34	W	0	8	2	7	1	8	16	9	7	1	25	2	3	2	2	0	0	0	0	0	0	0	7	
December	6.6	SW	35	W	0	6	15	10																				

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

GROESBECK, TEX.

[φ=31° 30' N.; λ=96° 28' W.]

Table for GROESBECK, TEX. with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total.

HANNIBAL, MO.

[φ=39° 41' N.; λ=91° 20' W.]

Table for HANNIBAL, MO. with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total.

HARRISBURG, PA.

[φ=40° 16' N.; λ=76° 52' W.]

Table for HARRISBURG, PA. with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total.

HARTFORD, CONN.

[φ=41° 46' N.; λ=72° 46' W.]

Table for HARTFORD, CONN. with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

GROESBECK, TEX.

[H₁=461 ft.; h₁=11 ft.; h₂=3 ft.; h₃=56 ft.]

Month	Wind										Number of days																	
	By self-register				Number of winds, 8 a. m. and 8 p. m.						Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp		Elec- tricity									
	Average hourly ve- locity	Prevaling direc- tion	Maximum velocity	Direction at time of maximum velocity	Days with 40 miles and over	North	Northeast	East	Southeast	South			Southwest	West	Northwest	Calm	Clear	0.01 inch and over	0.04 inch and over	T. or more	0.01 inch or more melted	Hall	Dense fog	32° or below	60° or above	Minimum temperature 32° or below	Thunderstorms	Auroras
											Miles	Mi.																
January	10.0	N.	36	SE.	0	7	2	7	3	4	5	3	0	12	8	11	8	5	0	0	0	2	1	0	19	2	0	
February	11.7	N.	38	N.	0	9	3	1	1	1	6	3	7	0	9	22	2	2	2	0	0	0	0	0	5	0	0	
March	12.2	N.	51	NW.	1	7	2	2	4	4	4	5	0	10	17	14	8	7	7	0	0	0	0	0	1	2	0	
April	11.9	S.	51	S.	1	6	3	2	6	6	3	1	22	1	9	4	17	6	5	0	0	0	0	0	0	3	0	
May	10.4	S.	50	N.	2	4	6	1	2	11	6	0	1	0	12	9	10	10	2	0	2	0	0	0	0	8	0	
June	11.5	S.	34	NW.	0	0	1	0	5	9	13	1	0	13	14	3	5	4	0	0	0	0	0	19	0	3	0	
July	9.9	S.	34	SW.	0	1	5	2	1	16	5	0	0	17	17	2	1	0	0	0	0	0	0	0	0	0	0	
August	9.6	S.	30	S.	0	2	2	2	4	14	6	0	0	14	15	2	2	0	0	0	0	0	0	30	0	6	0	
September	8.8	N.E.	29	SW.	0	0	7	7	3	4	6	3	0	0	16	7	7	5	5	0	0	0	0	12	0	4	0	
October	7.9	N.E.	35	S.	0	7	7	4	5	5	3	1	1	0	24	6	3	2	0	0	2	0	0	1	0	1	0	
November	10.6	S.	40	SW.	1	6	1	2	4	3	8	3	2	1	19	5	4	4	0	0	1	2	0	0	1	2	0	
December	12.0	N.	37	W.	0	7	2	1	6	4	3	4	1	10	7	14	5	5	0	0	0	2	0	0	11	1	0	
Year	10.6	S.	51	NW.	5	63	41	30	44	94	56	8	24	6	165	94	107	69	54	3	2	3	6	3	86	37	32	0

HANNIBAL, MO.

[H₁=534 ft.; h₁=74 ft.; h₂=68 ft.; h₃=109 ft.]

January	9.4	SW.	36	SW.	0	2	0	2	1	5	10	4	7	0	12	7	12	10	4	10	7	0	0	14	0	26	0	0	
February	9.9	NW.	28	N.	0	1	6	4	1	1	6	3	7	0	14	4	11	9	7	10	7	0	0	0	9	0	26	0	0
March	9.7	NW.	52	SW.	1	5	1	2	2	2	4	3	11	1	3	9	19	14	9	13	8	0	1	5	0	21	3	0	
April	9.6	SW.	33	SW.	0	0	1	2	3	3	9	4	8	0	9	10	11	10	8	1	0	0	0	0	0	2	3	0	
May	8.7	SW.	33	SW.	0	0	0	1	1	2	12	3	9	0	9	11	11	14	12	0	0	0	0	0	0	0	0	6	0
June	7.5	S.	35	SE.	0	3	3	8	1	4	10	5	3	0	8	13	11	13	11	0	0	1	0	0	1	0	0	9	0
July	6.5	SW.	37	SW.	0	4	3	1	1	4	10	5	3	0	12	11	9	13	8	0	0	0	0	0	4	0	10	0	
August	7.6	SW.	33	NW.	0	0	3	2	4	3	12	2	4	1	14	15	2	9	6	0	0	1	0	0	13	0	6	0	
September	7.7	N.	30	SW.	0	2	3	4	2	4	6	2	5	1	16	5	9	10	7	0	0	0	1	0	0	0	1	0	
October	7.1	S.	34	W.	0	3	3	0	1	4	11	1	3	2	22	5	4	7	5	0	0	1	4	0	0	4	4	0	
November	10.6	SW.	35	S.	0	2	3	0	0	5	7	6	7	1	14	9	7	6	5	4	0	1	0	0	0	13	2	0	
December	9.5	SW.	35	W.	0	6	4	3	1	2	5	5	5	0	11	6	14	7	7	8	2	0	2	16	0	24	0	0	
Year	8.6	SW.	52	SW.	1	28	32	32	19	40	95	39	75	6	142	105	119	122	69	46	24	4	10	44	18	115	44	0	

HARRISBURG, PA.

[H₁=374 ft.; h₁=94 ft.; h₂=42 ft.; h₃=104 ft.]

January	7.4	NW.	33	NW.	0	2	6	3	6	4	8	16	10	0	9	6	16	6	6	6	1	0	0	7	0	27	0	0	
February	8.1	NW.	19	NW.	0	0	12	2	3	0	5	17	10	0	5	9	15	10	8	11	7	0	0	1	9	0	26	1	0
March	7.4	NW.	36	W.	0	9	9	1	5	4	1	17	16	0	8	11	12	8	6	9	5	0	1	0	0	0	17	1	0
April	7.4	NW.	42	NW.	1	9	4	1	7	6	4	16	13	0	12	6	12	11	9	1	1	1	0	0	0	0	3	1	0
May	7.3	W.	37	SW.	0	2	6	3	9	9	8	17	8	0	6	9	16	15	12	0	0	0	0	0	0	0	4	0	
June	5.3	W.	33	W.	0	1	8	2	13	5	14	8	9	0	3	11	16	18	11	0	0	1	0	0	0	1	0	10	0
July	5.3	W.	18	S.	0	2	6	2	11	9	10	13	9	0	11	9	11	10	6	0	0	0	0	0	0	3	0	6	0
August	5.6	SW.	27	N.E.	0	12	9	0	11	7	9	7	7	0	11	15	5	5	5	0	0	0	0	0	0	5	0	4	0
September	6.4	SE.	26	SE.	0	8	3	2	19	5	3	10	5	0	6	7	17	12	9	0	0	0	1	0	1	0	3	0	
October	5.3	NW.	27	N.E.	0	8	11	3	3	6	4	12	14	1	19	7	5	2	0	0	0	0	0	0	0	0	0	0	0
November	5.8	W.	39	NW.	0	5	6	2	6	9	7	14	11	0	10	7	13	5	5	4	1	0	0	2	0	0	9	0	
December	7.0	NW.	28	W.	0	4	8	4	9	7	3	11	16	0	7	2	22	5	4	9	1	0	2	7	0	22	0	0	
Year	6.3	W.	42	NW.	1	71	93	25	102	71	74	158	137	1	107	99	160	107	81	40	16	2	9	25	10	104	30	0	

HARTFORD, CONN.

[H₁=159 ft.; h₁=122 ft.; h₂=116 ft.; h₃=140 ft.]

January		NW.			3	2	1	1	5	8	1	10	0	12	10	9	8	6	8	4	0	1	7	0	27	0	0	0
February		NW.			3	4	1	0	0	7	4	10	0	14	7	8	8	8	5	12	6	0	0	15	0	0	0	0
March		NW.			4	6	0	0	3	2	1	15	0	16	5	10	6	5	7	7	3	1	1	2	0	0	0	0
April		NW.			3	3	1	2	7	4	1	9	0	12	7	11	12	10	3	2	0	0	0	0	0	0	0	0
May		SW.			2	6	1	0	6	6	5	8	2	1	6	8	10	10	7	0	0	0	0	0	0	0	0	0
June		S.			1	1	1	0	13	9	0	7	0	17	10	4	4	2	0	0	0	0	0	0	0	3	0	7
July		S.			1	1	1	0	18	8	1	5	0	12	6	11	9	9	0	0	0	1	0	0	0	6	0	6
August		S.			3	1	1	0	12	5	0	7	0	15	10	6	11	9	0	0	0	0	0	0	0	0	0	0
September		SW.			3	2	0	1	7	11	3	3	0	11	9	10	9	9	0	0	0	0	0	0	0	1	0	2
October		NW.			6	1	2	0	4	5	1	12	0	24	6	1	2	2	0	0	0	0	0	0	0	0	2	0
November		S.			0	3	0	2	10	4	2	9	0	15	7	8	8	3	2	1	0	1	3	0	1	3	0	14
December		NW.			2	4	0	0	4	9	2	10	0	12	6	13	11	8	4	3	0	2	10	0	2	10	0	4
Year		NW.																										

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

HATTERAS, N. C.

[φ=35° 16' N.; λ=75° 40' W.]

Table for Hatteras, N. C. with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Includes monthly and yearly data for 1924.

HAVRE, MONT.

[φ=48° 34' N.; λ=100° 40' W.]

Table for Havre, Mont. with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Includes monthly and yearly data for 1924.

HELENA, MONT.

[φ=46° 34' N.; λ=112° 04' W.]

Table for Helena, Mont. with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Includes monthly and yearly data for 1924.

HONOLULU, HAWAII*

[φ=21° 19' N.; λ=157° 52' W.]

Table for Honolulu, Hawaii with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Includes monthly and yearly data for 1924.

* At Honolulu observations taken at 8 a. m. and 8 p. m., time of meridian 157° 30'. † Dec. 31, 1923-Jan. 1, 1924.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

HATTERAS, N. C.

[H_b=11 ft.; h₁=11 ft.; h_r=4 ft.; h_a=50 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	60° or above	Minimum temperature 32° or below	Thunderstorms	Auroras
January	15.7	N.	46	NW.	3	12	13	4	5	3	10	7	8	0	12	6	13	13	12	0	0	0	0	2	1	0	7	2	0
February	17.5	NW.	56	NW.	6	7	12	1	3	3	8	2	16	0	12	10	7	11	10	0	0	0	0	0	0	0	4	0	0
March	18.3	W.	66	SW.	7	10	7	3	3	5	13	12	9	0	12	9	11	10	8	1	0	0	0	0	0	0	1	4	0
April	16.0	SW.	54	NW.	5	7	11	6	7	4	14	5	6	0	13	8	9	11	7	7	0	0	0	1	0	0	0	0	0
May	13.8	SW.	44	S.	19	5	9	3	11	13	18	1	2	0	11	12	8	9	9	0	0	0	0	0	0	0	3	0	0
June	12.3	SW.	42	NW.	1	5	6	8	4	13	20	3	1	0	9	12	9	12	12	0	0	0	0	0	0	0	0	11	0
July	11.9	SW.	43	NW.	1	5	13	5	11	8	13	3	4	0	9	11	11	18	14	0	0	0	0	0	0	0	7	0	0
August	11.7	SW.	74	NW.	29	6	17	9	4	3	14	8	1	0	17	7	7	10	8	0	0	0	0	0	0	0	0	0	0
September	15.0	NE.	52	S.	2	6	23	3	9	3	9	1	5	0	10	7	13	13	11	0	0	0	0	0	0	0	6	2	0
October	12.9	N.	37	S.	0	23	17	4	1	0	1	4	7	0	19	7	13	11	0	0	0	0	0	0	0	0	0	0	0
November	14.9	N.	46	W.	2	18	10	1	0	1	11	12	4	0	13	10	7	13	12	11	0	0	0	0	0	0	3	0	0
December	17.3	N.	42	NW.	2	21	6	0	0	0	19	3	9	0	11	7	13	12	11	0	0	0	0	0	0	0	3	0	0
Year	14.8	SW.	74	NW.	34	125	144	49	58	67	150	67	72	0	148	105	113	125	107	1	0	0	6	1	0	15	46	0	0

HAVRE, MONT.

[H_b=2,505 ft.; h₁=11 ft.; h_r=4 ft.; h_a=44 ft.]

January	8.8	W.	34	SW.	0	0	5	12	0	0	17	14	13	1	9	7	15	4	2	8	4	0	0	19	0	29	0	0
February	8.0	SW.	46	SW.	1	2	1	16	0	2	21	8	7	1	6	10	13	6	4	10	6	0	5	7	0	24	0	0
March	6.4	E.	24	SW.	0	6	5	25	3	0	11	7	4	1	9	6	16	13	8	13	2	0	0	0	0	31	0	0
April	9.1	E.	36	NW.	0	6	6	12	1	1	12	9	10	3	7	16	7	7	7	5	2	0	0	0	0	15	0	0
May	6.0	E.	32	N.	0	10	4	14	8	3	8	3	7	5	14	10	7	10	6	1	0	0	0	0	0	3	2	2
June	6.0	E.	38	W.	0	4	5	12	2	9	8	10	9	1	11	16	3	16	13	0	0	2	0	0	0	0	9	0
July	5.8	E.	27	NW.	0	4	1	20	8	2	11	8	8	0	24	5	2	4	3	0	0	0	0	0	0	1	0	4
August	6.1	SW.	46	SW.	1	6	2	8	1	3	11	15	15	1	17	12	2	8	5	0	0	1	0	0	6	0	4	1
September	5.9	SW.	26	W.	0	3	4	11	2	3	13	14	7	3	12	13	5	7	5	0	0	0	0	0	1	3	2	2
October	6.9	SW.	42	SW.	1	0	3	8	5	3	24	9	4	6	14	9	8	5	3	2	2	0	2	0	0	11	0	2
November	8.5	SW.	37	SW.	0	1	7	5	1	1	23	12	10	0	9	9	12	4	3	8	4	0	1	7	0	25	0	0
December	8.5	SW.	36	W.	0	0	8	12	0	0	17	8	15	2	3	5	23	12	10	16	12	0	3	22	0	28	0	0
Year	7.2	SW.	46	SW.	3	42	50	155	32	27	176	117	109	24	135	118	113	96	69	68	43	3	11	63	18	173	22	8

HELENA, MONT.

[H_b=4,110 ft.; h₁=87 ft.; h_r=80 ft.; h_a=112 ft.]

January	5.4	SW.	35	SW.	0	5	2	1	0	0	36	6	9	1	4	6	21	9	7	19	8	0	1	19	0	20	0	0
February	8.5	SW.	54	SW.	1	2	0	1	0	5	33	8	9	0	6	7	16	5	4	8	3	0	0	2	0	30	0	0
March	8.2	SW.	37	SW.	0	10	0	0	1	3	25	6	17	0	1	6	4	16	6	23	16	0	0	0	6	0	23	0
April	9.9	SW.	44	SW.	1	5	2	0	1	3	33	11	5	0	3	8	19	8	5	10	2	0	0	0	0	0	19	0
May	8.9	SW.	31	SW.	0	9	6	1	1	2	25	10	8	0	12	10	9	8	6	2	1	0	0	0	0	0	9	1
June	8.3	SW.	38	NW.	0	11	3	1	3	4	19	11	8	0	7	17	6	10	7	1	6	1	0	0	0	0	7	0
July	8.4	SW.	31	S.	0	6	5	2	3	3	32	9	2	0	16	11	4	9	4	0	0	0	0	0	0	0	0	0
August	8.3	SW.	49	SW.	1	8	3	1	2	0	30	13	5	0	15	12	4	5	2	0	0	1	0	0	0	2	0	0
September	8.5	SW.	40	SW.	1	2	3	3	2	8	25	9	5	2	12	10	3	8	4	2	0	0	0	0	0	0	9	3
October	7.8	SW.	37	SW.	0	4	1	2	0	0	43	4	2	0	10	9	12	9	5	7	2	1	0	0	0	6	0	4
November	7.3	SW.	50	SW.	1	0	2	0	0	3	37	9	9	0	7	10	13	9	7	13	9	0	2	1	0	25	0	0
December	6.1	SW.	55	SW.	1	6	2	0	1	2	27	11	13	0	7	6	18	14	5	19	13	0	0	13	0	28	0	0
Year	8.0	SW.	55	SW.	6	69	29	12	14	41	365	107	92	3	100	112	154	110	62	104	52	5	3	46	11	154	25	8

HONOLULU, HAWAII*

[H_b=28 ft.; h₁=86 ft.; h_r=68 ft.; h_a=100 ft.]

January	8.0	E.	46	E.	1	12	22	21	1	0	1	1	2	2	19	12	0	5	1	0	0	0	0	0	0	0	0	0
February	8.6	E.	35	NE.	0	5	20	25	1	4	3	1	0	0	3	9	5	19	0	0	0	0	0	0	0	0	0	1
March	9.4	NE.	34	E.	0	6	20	24	3	3	3	1	1	0	2	3	8	20	2	17	10	0	0	0	0	0	0	1
April	8.9	NE.	45	SW.	0	3	22	3	2	2	2	1	1	0	5	11	14	13	10	0	0	0	0	0	0	0	3	0
May	8.1	E.	31	E.	0	9	16	35	2	2	2	2	3	0	11	14	6	5	4	0	0	0	0	0	0	0	0	0
June	8.2	E.	30	E.	0	1	13	41	1	2	1	0	0	0	13	14	3	11	5	0	0	0	0	0	0	0	0	
July	10.5	E.	29	E.	0	0	15	46	1	0	0	0	0	0	13	13	5	15	10	0	0	0	0	0	0	0	0	
August	10.6	E.	31	NE.	0	0	15	43	2	2	0	0	0	0	7	21	3	14	10	0	0	0	0	0	0	0	0	
September	9.8	E.	28	NE.	0	0	21	39	0	0	0	0	0	0	2	27	1	13	3	0	0	0	0	0	0	0	0	
October	9.9	E.	33	E.	0	2	11	45	1	0	1	1	1	0	11	12	8	14	8	0	0	0	0	0	0	0	2	
November	8.6	NE.	51	NE.	2	3	25	18	4	6	2	1	0	1	10	10	10	12	8	0	0	0	0	0	0	0	0	
December	8.2	E.	39	SW.	0	9	9	19	2	8	7	3	4	1	19	18												

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

HOUGHTON, MICH.

[φ=47° 07' N.; λ=88° 34' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total. Sub-columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

HOUSTON, TEX.

[φ=29° 47' N.; λ=95° 24' W.]

Table with columns for Month and various meteorological data points. Rows include months from January to December and a Year total.

HURON, S. DAK.

[φ=44° 21' N.; λ=98° 14' W.]

Table with columns for Month and various meteorological data points. Rows include months from January to December and a Year total.

INDEPENDENCE, CALIF.

[φ=36° 48' N.; λ=118° 12' W.]

Table with columns for Month and various meteorological data points. Rows include months from January to December and a Year total.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

INDIANAPOLIS, IND

[φ=39° 46' N.; λ=86° 10' W.]

Month	Pressure				Temperature								Moisture														
	Extremes		Mean				Extremes		Dew point		Relative humidity		Vapor pressure		Precipitation		Cloudiness										
	Maximum	Minimum	°				Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight				
			In.	In.	In.	In.																		In.	In.	In.	In.
January	29.300	29.889	28.700	29.926	1.96	2.31	6.15	4.23	5.50	-13	16	17	19	82	88	72	0.106	0.109	0.117	3.13	1.29	5.4	5.5	5.4	5.7		
February	29.204	29.620	28.440	28.732	4.32	5.36	7.94	3.90	5.60	13	23	25	26	84	73	76	125	137	144	1.44	4.46	7.9	6.8	6.3	7.4		
March	29.018	29.400	28.150	28.837	9.37	3.41	3.90	0.35	6.65	19	29	30	31	86	73	78	166	165	176	4.72	1.87	7.0	8.0	7.0	7.0		
April	29.077	29.447	28.570	28.477	5.58	9.66	8.63	2.43	7.53	4	22	25	38	39	40	72	50	56	243	258	264	3.28	1.14	6.7	6.0	5.4	5.7
May	28.990	29.296	28.620	28.607	5.60	7.59	6.64	7.47	2.56	0.84	39	44	44	45	77	56	60	301	294	306	4.47	1.10	6.2	5.9	5.9	5.9	
June	29.058	29.250	28.790	28.653	7.74	9.73	4.79	1.61	7.70	4	93	45	60	60	61	83	62	66	524	538	549	4.04	6.7	6.5	6.4	5.4	5.9
July	29.148	29.359	28.900	28.677	7.77	9.76	4.82	3.63	5.72	9	91	51	58	57	58	73	49	55	498	479	569	1.75	6.2	4.0	4.6	4.7	4.7
August	29.127	29.300	28.890	28.677	7.78	7.77	3.82	9.64	0.73	4	96	51	61	62	63	79	57	63	545	561	589	4.77	2.00	4.6	4.9	3.6	4.4
September	29.191	29.362	28.900	28.667	6.67	3.64	4.70	7.52	7.61	7	86	40	51	50	51	83	54	63	387	378	394	2.80	7.3	5.5	4.6	4.9	5.5
October	29.328	29.691	29.120	28.668	6.64	9.71	9.50	2.61	0.6	72	33	44	46	46	75	47	53	305	327	329	1.75	4.8	3.1	2.2	1.8	2.5	
November	29.195	29.580	28.690	28.446	1.43	5.90	3.35	0.42	6.74	19	33	33	32	80	63	66	196	204	191	1.75	1.15	6.2	5.9	4.7	6.0		
December	29.289	29.960	28.550	28.230	4.29	3.36	5.20	0.28	2.2	64	-13	22	23	22	84	72	74	142	147	146	5.53	2.05	6.7	6.4	6.5	6.9	
Year	29.160	29.960	28.150	28.461	5.50	6.53	5.59	3.42	3.50	8	96	-13	40	40	41	80	60	65	295	300	309	38.47	2.05	5.9	5.6	5.1	5.7

IOLA, KANS.

[φ=37° 55' N.; λ=95° 25' W.]

January	29.137	29.590	28.540	28.000	29.8	26.3	36.9	17.3	27.1	62	-10	17	21	86	70	72	0.107	0.126	0.81	0.30	4.7	4.7	4.7	4.9	
February	29.067	29.470	28.308	28.439	2.85	0.46	0.26	1.36	0.70	70	3	26	27	88	64	62	148	156	1.18	0.53	4.9	4.5	4.5	4.8	
March	28.910	29.270	28.000	28.320	4.41	8.41	4.47	5.30	6.39	0	72	17	27	83	60	60	155	166	1.57	0.42	6.8	6.2	6.2	6.3	
April	28.869	29.300	28.340	28.477	6.63	3.62	0.69	0.48	0.57	0	89	22	41	80	49	41	273	287	2.77	1.34	4.3	4.5	4.5	4.3	
May	28.875	29.210	28.400	28.066	6.64	4.71	9.48	1.00	0.0	87	38	48	46	81	50	50	309	332	2.76	0.96	5.0	4.3	4.3	4.8	
June	28.822	28.280	28.400	28.677	6.79	8.79	1.85	0.65	0.75	3	95	50	64	67	88	66	60	602	670	3.58	1.74	5.4	4.6	4.6	4.8
July	28.931	28.270	28.680	28.666	1.81	4.79	5.86	2.63	5.74	8	96	49	62	64	87	58	57	571	636	7.55	3.03	4.4	4.8	4.2	
August	28.897	28.121	28.640	28.666	4.84	2.78	0.88	9.68	0.78	4	93	55	66	70	82	58	62	632	727	6.40	2.38	4.4	4.3	3.0	
September	28.980	29.320	28.450	28.372	6.66	6.77	9.53	5.65	7.0	90	38	54	56	56	92	57	429	470	6.14	2.86	3.3	3.0	3.0		
October	29.050	29.490	28.590	28.515	7.2	6.2	3.75	6.49	2.62	4	83	30	47	48	84	44	337	361	2.44	1.62	2.8	2.2	2.2		
November	29.032	29.400	28.480	28.898	6.55	1.49	4.59	4.35	3.47	4	82	20	34	35	78	48	203	217	2.24	1.32	1.9	2.2	2.2		
December	29.117	29.880	28.440	28.182	2.29	5.38	1.18	0.28	0.0	70	-5	18	21	85	64	64	115	131	1.70	0.71	5.1	5.2	5.2	5.9	
Year	28.976	29.890	28.000	28.460	5.9	6.56	6.65	2.43	3.54	3	96	-10	42	85	58	58	323	357	38.94	3.03	4.4	4.3	4.3	4.4	

JACKSONVILLE, FLA.

[φ=30° 20' N.; λ=81° 39' W.]

January	30.150	30.620	29.740	29.731	5.58	6.54	0.61	8.45	6.53	7	78	21	44	46	45	82	66	74	0.337	0.351	0.338	5.09	1.47	5.6	6.9	5.8	7.2
February	30.053	30.430	29.500	29.488	6.58	3.56	0.63	2.46	1.34	6	77	31	41	40	42	75	64	62	277	275	288	2.65	1.09	4.2	4.2	3.4	4.5
March	29.893	30.190	29.339	29.621	1.61	5.58	6.65	1.50	2.58	2	85	32	46	47	47	80	62	67	337	347	343	7.18	3.25	4.4	4.8	3.5	4.6
April	29.972	30.280	29.680	29.632	7.72	4.67	2.75	6.59	8.67	7	83	44	55	55	56	77	57	71	459	456	470	3.00	1.22	4.5	5.7	4.3	5.6
May	29.901	30.062	29.600	29.666	6.79	2.74	1.82	0.65	5.74	0	93	54	61	57	60	74	48	62	546	477	525	4.9	3.2	4.5	5.6	4.1	4.9
June	29.949	30.060	29.700	29.787	7.86	0.78	7.89	7.72	8.31	2	98	67	72	70	71	79	60	77	778	739	752	4.21	1.26	4.3	6.1	6.2	6.2
July	29.976	30.120	29.800	29.787	1.86	1.78	0.88	9.73	4.81	2	94	68	73	71	72	84	61	82	804	764	775	12.17	2.72	5.4	5.8	7.7	6.7
August	29.942	30.080	29.580	29.866	6.81	0.99	6.74	8.82	2	95	68	73	70	73	82	59	77	808	741	806	3.55	2.01	2.9	5.0	3.5	4.4	
September	29.921	30.120	29.550	29.748	4.80	3.76	1.82	9.71	4.77	2	91	58	69	68	69	84	68	81	719	696	721	8.88	2.81	4.2	6.9	4.4	5.9
October	30.026	30.210	29.660	29.650	6.71	7.68	2.73	5.63	2.68	4	80	47	61	62	62	86	74	83	556	568	577	8.08	4.10	6.2	6.8	5.4	6.6
November	30.098	30.370	29.590	29.572	2.67	9.61	9.70	3.54	5.92	4	81	36	51	52	50	57	72	395	404	416	3.38	3.32	3.2	3.2	2.0	3.2	
December	30.157	30.470	29.810	29.837	6.62	5.58	1.66	3.50	5.58	4	79	34	50	52	52	88	70	80	389	406	403	1.15	6.1	5.5	6.2	4.9	6.2
Year	30.003	30.620	29.339	29.641	7.2	6.67	7.75	9.60	6.68	3	98	21	58	57	58	81	61	74	534	519	534	56.83	4.10	4.6	5.6	4.6	5.5

JUNEAU, ALASKA *

[φ=58° 18' N.; λ=134° 24' W.]

January	29.754	30.360	29.070	29.731	5.50	9.33	9.26	8.30	4	47	6	26	26	25	85	79	78	0.150	0.147	0.144	6.85	1.33	9.1	9.3	8.9	8.9	8.5
February	29.676	30.430	28.780	28.818	3.33	0.32	6.36	3.29	2.32	8	45	11	26	26	26	80	77	75	154	137	151	7.20	1.27	8.4	8.8	8.4	9.0
March	29.590	30.230	29.470	29.355	4.89	3.36	5.41	2.32	4.36	8	62	16	30	29	29	81	68	76	173	169	170	7.45	1.03	9.3	8.7	8.4	8.7
April	28.766	30.360	29.120	29.376	6.40	7.37	6.43	2.32	8.88	0	67	28	32	31	32	82	70	80	182	175	182	8.87	1.49	9.1	9.4	9.7	9.2
May	28.831	30.370	29.550	29.477	2.51	6.48	2.64	5.41	0.47	8	68	34	40														

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

INDIANAPOLIS, IND.

[H_b=822 ft.; h₁=194 ft.; h_r=188 ft.; h_a=230 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	13.2	S.	44	W.	1	0	2	2	8	16	10	10	14	0	11	6	14	15	9	13	9	0	1	13	0	27	0	0	
February	13.3	W.	38	NW.	0	4	11	6	4	8	8	8	9	0	1	13	15	11	7	18	7	0	0	1	4	0	25	1	0
March	13.1	N.	54	SW.	3	13	6	4	1	8	3	15	12	0	3	9	19	14	11	15	7	0	0	0	5	0	19	3	0
April	12.8	S.	50	W.	4	4	1	6	9	12	10	7	11	0	5	18	7	11	8	1	0	0	0	0	0	2	6	0	0
May	11.2	SW.	42	W.	2	5	5	2	1	13	13	11	12	0	6	15	10	16	14	0	0	1	0	0	0	0	0	0	0
June	9.6	S.	50	W.	2	5	13	9	4	8	6	6	9	0	4	19	7	12	10	0	0	1	1	0	0	0	0	10	0
July	8.9	S.	42	N.	1	6	10	5	4	18	8	3	8	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0
August	9.7	SW.	56	W.	1	9	9	6	6	9	17	2	3	0	14	10	10	8	0	0	1	0	0	0	0	0	0	11	0
September	11.7	N.	37	W.	0	11	10	4	11	9	2	5	8	0	7	14	9	15	12	0	0	0	0	0	0	0	0	3	0
October	9.1	NE.	38	W.	0	6	16	7	11	9	6	6	1	0	21	7	3	3	3	0	0	0	3	0	0	0	0	1	0
November	13.5	SW.	38	NW.	0	8	2	4	6	11	13	8	8	0	6	16	8	9	4	7	3	0	0	3	0	0	14	2	0
December	12.6	NW.	42	NW.	1	3	4	4	5	14	9	7	16	0	6	7	18	12	10	9	2	0	0	15	0	0	2	2	0
Year	11.6	S.	50	N.	15	74	89	60	70	135	105	88	111	0	93	153	120	137	104	63	28	5	5	45	11	110	50	0	0

IOLA, KANS.

[H_b=984 ft.; h₁=11 ft.; h_r=3 ft.; h_a=50 ft.]

January	7.7	S.	23	N.	0	10	2	0	1	11	3	1	2	1	14	6	11	8	3	7	3	0	2	11	0	27	1	0	
February	7.5	W.	37	NW.	0	7	2	0	1	6	3	2	8	0	15	5	9	7	3	5	3	0	1	4	0	0	21	0	0
March	8.2	NW.	25	W.	0	6	6	1	2	2	3	4	7	0	8	0	14	10	9	10	6	0	0	0	0	0	21	2	0
April	7.6	S.	27	N.	0	1	4	1	4	10	3	2	4	1	15	8	7	10	9	0	0	0	0	0	0	1	5	0	
May	6.5	N.	28	N.	0	8	2	1	2	5	4	4	5	0	15	6	10	8	6	0	0	1	0	0	0	0	5	0	
June	6.7	S.	32	N.	0	6	4	3	5	9	0	2	1	0	11	12	7	7	6	0	0	1	0	0	0	0	9	0	
July	4.9	S.	28	N.	0	3	6	4	4	11	0	1	1	1	15	12	4	13	11	0	0	0	0	0	0	6	0		
August	5.8	S.	25	N.	0	3	2	4	6	11	2	1	1	1	14	14	3	9	8	0	0	0	0	0	0	16	0		
September	5.7	SE.	25	N.	0	5	3	3	7	5	0	1	1	5	14	12	4	8	7	0	0	0	0	0	0	0	7	0	
October	5.5	SE.	29	N.	0	2	4	2	13	6	1	0	2	7	23	6	2	6	5	0	0	0	0	0	0	0	4	0	
November	7.8	S.	27	NE.	0	4	2	2	2	7	4	2	2	1	23	5	5	3	1	0	1	0	0	0	0	0	10	0	
December	7.5	N.	23	NE.	0	8	5	4	0	7	2	1	4	0	11	6	14	9	6	5	4	0	0	11	0	25	0	0	
Year	6.8	S.	33	W.	0	63	42	25	47	90	25	21	43	10	175	101	90	98	76	25	16	4	3	26	31	109	55	0	

JACKSONVILLE, FLA.

[H_b=43 ft.; h₁=209 ft.; h_r=198 ft.; h_a=245 ft.]

January	12.9	NE.	46	SW.	1	17	23	3	1	5	3	7	3	0	6	4	21	11	10	0	0	0	0	7	1	0	5	1	0
February	13.4	W.	40	W.	1	8	9	4	2	6	5	16	8	0	12	9	8	9	9	0	0	0	0	1	0	0	1	2	0
March	13.6	NW.	45	SW.	4	12	4	7	4	5	7	10	13	0	14	8	9	11	9	0	0	0	0	0	0	0	0	0	0
April	12.2	SW.	54	SW.	1	18	12	5	7	6	10	11	11	0	9	12	9	8	7	0	0	0	0	0	0	0	0	0	0
May	10.6	SW.	35	NW.	0	10	3	6	14	8	10	10	0	0	11	14	6	5	4	0	0	0	0	0	0	0	0	0	0
June	9.6	SW.	69	SW.	4	5	3	6	4	11	12	11	8	0	2	20	8	17	14	0	0	0	0	0	0	0	16	0	
July	9.0	SW.	41	W.	1	2	3	6	11	11	14	9	5	1	6	8	17	18	15	0	0	0	0	0	0	0	0	21	0
August	10.1	SW.	43	NE.	1	4	3	9	10	11	13	6	5	1	12	16	3	12	7	0	0	1	0	0	0	15	0		
September	11.2	SE.	69	S.	3	6	16	8	15	7	4	2	2	0	9	10	11	17	13	0	0	0	0	0	1	0	13	0	
October	14.3	NE.	40	NE.	1	5	44	7	0	0	0	0	6	0	6	8	17	10	9	0	0	0	0	0	0	0	0	1	0
November	12.6	NE.	48	N.	1	10	20	5	5	2	4	4	8	2	20	6	4	6	2	0	0	0	3	0	0	0	0	1	0
December	12.6	NE.	40	SW.	1	14	17	3	8	6	9	2	3	0	9	6	16	8	4	0	0	0	6	0	0	0	0	0	0
Year	11.8	NE.	69	SW.	19	101	157	69	78	74	89	88	72	4	116	121	129	132	101	0	0	1	20	1	51	7	95	0	

JUNEAU, ALASKA *

[H_b=80 ft.; h₁=11 ft.; h_r=4 ft.; h_a=54 ft.]

January	7.3	S.	36	E.	0	4	1	12	16	20	0	3	3	3	0	3	28	27	25	20	19	0	0	11	0	22	0	0
February	10.6	SE.	34	SE.	0	0	1	13	29	7	0	7	2	0	3	1	25	24	23	18	14	0	0	0	0	0	0	0
March	8.3	S.	38	E.	0	6	1	12	21	16	3	4	3	1	3	3	25	24	23	18	13	8	0	0	0	0	0	0
April	7.9	SE.	37	SE.	0	10	4	5	20	18	4	2	6	0	1	2	27	26	25	26	24	0	0	0	0	0	0	0
May	7.1	S.	30	SE.	0	1	8	3	21	19	1	4	7	3	1	9	21	22	18	0	0	0	0	0	0	0	0	0
June	5.7	S.	26	NW.	0	7	7	9	3	20	0	7	7	0	10	6	14	7	6	0	0	0	0	0	0	0	0	0
July	6.2	S.	30	SE.	0	2	1	4	7	26	1	6	13	1	2	3	26	22	18	0	0	1	0	0	0	0	0	0
August	5.9	S.	27	NW.	0	2	4	4	6	28	1	6	7	4	4	5	22	21	19	0	0	0	0	0	0	0	0	0
September	7.4	S.	35	E.	0	4	2	5	19	19	2	5	2	2	2	0	28	23	21	0	0	0	0	0	0	0	0	
October	7.9	S.	36	S.	0	3	1	6	20	17	1	5	8	1	2	2	27	24	23	4	3	0	0	0	0	0	3	0
November	8.6	SE.	64	E.	1	2	3	20	19	11	0	1	2	2	6													

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

KALISPELL, MONT.

[φ=48° 10' N.; λ=114° 25' W.]

Table with columns for Pressure, Temperature, and Moisture, and rows for months and year. Includes sub-columns for Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

KANSAS CITY, MO.

[φ=39° 05' N.; λ=94° 37' W.]

Table with columns for months and year, containing meteorological data for Kansas City, MO.

KEOKUK, IOWA

[φ=40° 22' N.; λ=91° 26' W.]

Table with columns for months and year, containing meteorological data for Keokuk, Iowa.

KEY WEST, FLA.

[φ=24° 23' N.; λ=81° 48' W.]

Table with columns for months and year, containing meteorological data for Key West, Florida.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

KALISPELL, MONT.

[H₁=2,973 ft.; h₂=48 ft.; h₃=40 ft.; h₄=56 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					
																							0.01 inch and over	0.04 inch and over															
January	3.3	NW	24	W	0	3	1	3	5	6	11	27	0	0	0	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
February	3.3	NW	25	SW	0	1	1	3	10	10	19	19	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
March	5.0	NW	25	SW	0	4	7	1	15	22	29	17	0	0	0	12	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
April	6.9	SW	35	SW	0	0	0	3	9	17	10	11	0	0	0	10	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
May	8.9	NW	37	W	0	0	0	1	12	22	29	29	0	0	0	11	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
June	8.9	NW	35	NW	0	2	0	1	12	22	29	30	0	0	0	11	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
July	8.1	NW	34	SE	0	1	0	2	16	11	5	5	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
August	5.8	NW	34	W	0	2	3	2	9	5	4	4	0	0	0	13	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
September	5.4	NW	26	SW	0	2	1	1	15	4	4	6	0	0	0	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October	5.0	NW	19	SW	0	3	2	0	12	7	10	6	0	0	0	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
November	4.8	NW	38	SW	0	6	1	3	3	6	9	8	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	5.7	NW	42	N	1	6	4	1	0	5	5	6	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year..	5.3	NW	42	N	1	35	38	20	114	54	83	96	286	6	114	114	138	96	65	70	47	1	2	52	6	165	15	0	0	0	0	0	0	0	0	0	0		

KANSAS CITY, MO.

[H₁=963 ft.; h₂=161 ft.; h₃=141 ft.; h₄=181 ft.]

January	11.8	S	33	NW	0	10	1	0	5	18	7	6	15	0	14	7	10	9	7	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	12.9	N	48	N	1	12	4	5	6	8	4	4	15	0	15	3	11	8	6	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	12.5	NW	46	W	1	15	5	4	3	8	2	10	15	0	7	12	12	10	7	14	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	11.2	S	35	SW	0	8	3	1	10	20	4	5	9	0	12	11	7	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	12.0	NW	41	N	0	12	5	4	3	8	9	5	16	0	12	9	10	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	10.3	E	55	N	5	11	7	13	8	10	4	1	6	0	9	17	4	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
July	8.0	S	58	N	2	9	7	6	8	22	3	2	4	1	12	15	4	15	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	9.2	S	50	N	1	5	4	10	5	30	7	0	1	0	18	10	3	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	9.4	S	38	W	0	12	5	12	9	11	3	4	4	0	12	13	5	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	12.7	S	48	SW	1	1	4	8	9	32	4	1	3	0	24	4	3	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	12.6	NW	48	NW	1	5	4	6	3	18	7	7	13	0	15	10	5	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	11.4	N	35	W	0	10	3	8	7	10	8	7	9	0	11	8	12	9	6	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Year..	10.8	S	58	N	14	110	52	77	76	195	62	49	110	1	161	119	86	116	88	49	28	9	5	38	20	97	73	0	0	0	0	0	0	0	0	0	0	0	

KEOKUK, IOWA

[H₁=614 ft.; h₂=64 ft.; h₃=56 ft.; h₄=78 ft.]

January	8.1	SW	30	SW	0	4	1	6	6	12	11	11	11	0	10	8	13	9	5	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	8.3	N	27	NW	0	12	8	6	2	7	3	12	7	1	14	2	13	7	5	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	9.0	N	56	SW	1	13	4	7	2	2	6	11	16	1	4	3	24	10	8	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	7.7	W	38	NW	0	4	1	6	10	9	7	15	8	0	9	7	14	8	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	7.7	W	38	SW	0	3	4	0	2	5	15	17	16	0	10	7	14	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	6.7	E	30	NW	0	7	8	12	9	7	4	4	9	0	6	12	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	5.2	NW	25	NW	0	4	9	8	4	10	7	6	14	0	11	14	6	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	5.9	S	34	SW	0	6	7	8	8	13	8	5	5	2	11	11	9	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	6.8	E	36	W	0	6	7	15	6	5	4	4	12	1	13	7	10	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	6.1	S	35	S	0	6	9	6	9	23	3	4	1	1	21	3	7	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	9.6	W	34	NW	0	5	4	3	5	10	8	12	13	0	9	10	11	5	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	8.9	W	36	SW	0	8	2	6	4	11	9	11	11	0	6	10	15	10	7	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Year..	7.6	NW	56	SW	1	78	64	83	67	114	86	112	123	6	124	94	148	104	82	54	26																		

Annual meteorological summary for the year ending December 31, 1924—Continued

KNOXVILLE, TENN.

[φ=35° 56' N.; λ=83° 58' W.]

Table with columns: Month, Pressure, Temperature (Extremes, Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Year total.

LA CROSSE, WIS.

[φ=43° 49' N.; λ=91° 15' W.]

Table with columns: Month, Pressure, Temperature (Extremes, Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Year total.

LANDER, WYO.

[φ=42° 50' N.; λ=108° 45' W.]

Table with columns: Month, Pressure, Temperature (Extremes, Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Year total.

LANSING, MICH.

[φ=42° 44' N.; λ=84° 26' W.]

Table with columns: Month, Pressure, Temperature (Extremes, Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

KNOXVILLE, TENN.

[H_b=966 ft.; h₁=102 ft.; h₂=96 ft.; h₃=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	Thunderstorms	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
January	5.5	SW.	29	SW.	0	9	15	2	2	2	16	6	6	4	11	9	11	9	9	2	0	0	0	0	24	0	0	
February	5.7	NE.	29	SW.	0	8	18	2	2	4	12	6	6	4	4	4	21	12	9	2	1	0	0	0	12	1	0	
March	7.8	SW.	49	SW.	0	8	16	0	1	5	16	2	2	2	3	23	11	8	6	3	0	0	0	0	1	2	0	
April	7.6	SW.	36	SW.	0	6	14	7	0	6	16	4	4	2	2	23	17	12	10	1	0	0	0	0	1	2	0	
May	7.0	SW.	34	SW.	0	9	7	2	1	7	25	8	8	2	1	17	6	18	13	10	0	0	0	0	0	4	0	
June	5.8	SW.	29	W.	0	6	6	3	1	7	28	2	2	0	0	11	19	11	7	0	0	0	0	0	0	6	0	
July	4.6	NE.	20	N.	0	10	17	11	0	6	9	5	3	1	5	11	15	12	10	0	0	0	1	0	7	10	0	
August	4.9	NE.	27	S.	0	11	22	3	1	6	16	1	0	2	8	18	5	7	6	0	0	0	1	16	0	10	0	
September	6.0	NE.	30	W.	0	12	24	6	4	3	5	1	4	1	6	10	14	13	8	0	0	0	0	1	0	4	0	
October	4.0	NE.	21	N.	0	6	36	7	1	2	2	2	2	5	19	4	8	8	0	0	0	0	1	0	0	0	0	
November	5.5	SW.	25	SW.	0	7	13	6	1	2	15	11	3	3	12	13	5	3	2	2	0	0	4	0	0	4	0	
December	6.6	NE.	36	SW.	0	11	18	5	2	2	15	6	3	0	7	12	12	10	10	1	0	0	1	3	0	17	0	
Year	6.0	NE.	40	SW.	1	101	206	54	16	52	175	64	43	21	93	100	173	117	91	21	4	1	9	9	32	65	39	0

LA CROSSE, WIS.

[H_b=714 ft.; h₁=11 ft.; h₂=3 ft.; h₃=48 ft.]

January	5.4	SE.	22	S.	0	1	0	0	11	5	3	8	3	0	16	7	8	6	4	9	6	0	0	0	0	31	0	1
February	5.6	NW.	22	W.	0	6	1	1	5	5	0	2	8	7	1	7	8	14	9	8	12	9	0	1	16	0	39	0
March	5.0	N.	16	N.	0	11	1	0	4	2	2	3	8	0	0	4	6	21	11	10	16	8	0	0	7	0	25	1
April	6.4	W.	21	E.	0	2	1	5	5	5	5	5	5	2	0	5	13	12	13	9	1	0	1	0	0	8	5	
May	4.7	W.	21	W.	0	5	1	2	3	2	1	12	5	0	5	15	11	16	9	2	1	1	0	0	0	0	5	
June	3.8	W.	19	NW.	0	1	4	3	4	6	0	7	5	0	7	6	17	15	12	0	0	1	2	0	0	0	12	
July	3.6	SE.	19	NW.	0	3	0	3	12	4	1	5	2	1	10	17	4	11	9	0	0	0	2	0	1	0	8	
August	4.0	NW.	20	NW.	0	1	0	1	8	7	2	2	2	9	1	10	14	7	11	11	0	0	0	2	0	2	0	
September	3.8	W.	34	S.	0	1	0	4	7	1	2	7	4	4	4	9	10	11	10	9	0	0	0	0	0	1	3	
October	4.9	SE.	26	SW.	0	2	1	3	14	3	4	4	2	2	0	16	11	4	8	4	0	0	0	2	0	2	1	
November	6.5	W.	20	W.	0	1	0	1	7	4	2	9	5	1	9	3	16	6	4	4	1	0	0	0	0	24	1	
December	3.9	W.	26	W.	0	2	2	2	6	3	2	6	2	0	2	11	5	15	12	8	13	10	0	2	0	18	0	
Year	5.0	SE	34	S.	0	36	11	25	86	47	24	68	59	10	109	115	142	128	97	62	35	3	17	74	3	149	48	

LANDER, WYO.

[H_b=5,372 ft.; h₁=60 ft.; h₂=54 ft.; h₃=68 ft.]

January	3.1	SW.	44	W.	1	5	9	10	8	4	13	8	4	1	7	15	9	4	4	5	4	0	0	22	0	31	0	0
February	3.3	NW.	36	W.	0	5	5	7	7	12	8	7	0	0	9	13	7	3	2	2	0	0	0	9	0	29	0	
March	4.4	W.	38	W.	0	8	5	5	10	4	12	9	8	1	5	12	13	10	9	13	10	0	0	13	0	31	0	
April	6.2	SW.	54	W.	1	5	9	8	6	3	13	9	7	0	7	13	10	9	4	5	3	0	0	1	0	20	0	
May	5.6	E.	54	W.	2	2	6	13	6	1	12	15	7	0	14	10	7	8	4	3	2	1	0	0	0	0	5	
June	3.7	SW.	32	S.	0	1	6	5	3	1	13	16	7	0	17	12	1	1	1	1	1	0	0	0	0	0	1	
July	3.5	SW.	53	SW.	2	2	8	3	5	13	16	11	1	1	14	16	1	1	1	0	0	0	0	0	1	0	1	
August	3.6	SW.	36	NW.	0	3	5	4	0	4	19	18	9	0	19	9	3	1	1	0	0	0	0	2	0	1		
September	4.9	SW.	36	SW.	0	5	4	7	4	5	14	11	10	0	15	9	6	3	2	1	1	0	0	0	0	5		
October	4.8	SW.	38	W.	0	5	5	6	6	5	16	11	7	1	9	11	11	8	5	3	2	0	0	0	0	9		
November	5.4	W.	58	SW.	1	3	8	2	4	9	16	13	4	1	14	14	2	2	1	3	2	0	0	0	0	26		
December	3.9	SW.	32	NW.	0	6	6	3	2	7	15	15	7	1	9	11	11	9	6	10	9	0	3	21	0	30		
Year	4.9	SW.	58	SW.	7	50	76	76	59	55	173	149	88	6	140	145	81	55	44	48	37	1	3	66	3	186		

LANSING, MICH.

[H_b=878 ft.; h₁=11 ft.; h₂=3 ft.; h₃=62 ft.]

January	7.4	W.	24	NW.	0	0	0	0	6	9	13	16	12	1	5	10	16	18	10	18	16	0	2	10	0	28	0
February	6.2	NE.	21	NW.	0	8	13	5	0	3	7	8	12	4	8	8	13	12	10	18	12	0	4	18	0	29	
March	6.4	NE.	20	NE.	0	17	13	3	2	1	7	4	14	1	3	9	19	14	11	17	11	0	0	5	0	28	
April	7.1	W.	22	W.	0	1	6	11	5	7	10	14	5	1	3	17	10	13	10	7	4	0	0	1	0	12	
May	6.2	W.	24	SW.	0	1	6	9	4	7	11	14	10	0	6	14	11	13	10	1	0	1	0	0	0	3	
June	4.1	W.	22	NW.	0	3	5	10	2	6	9	11	7	7	0	19	5	18	12	0	0	2	10	0	1		
July	4.0	W.	24	SW.	0	9	8	5	1	7	11	11	5	5	15	11	5	14	10	0	0	0	0	0	0	13	
August	4.0	SW.	18	SE.	0	14	2	2	6	7	14	3	8	6	19	14	7	9	5	0	0	0	0	0	0	0	
September	4.7	N.	17	SW.	0	11	3	4	10	7	6	8	5	6	9	12	9	11	2	0	0	0	0	0	0	3	
October	4.6	S.	21	SW.	0	6	3	5	5	11	19	16	6	6	18	11	1	2	2	0	0	0	0	0	0	3	
November	3.3	SW.	25	SW.	0	4	2	3	2	9	19	12	9	0	9	6	16	8	5	10	4	0	0	6	0	21	
December	7.7	SW.	28	NW.	0	6	3	5	3	3	19	14	9	0	5	8	18	16	11	17	9	0	0	20	0	30	
Year	6.9	SW.	28	NW.	0	80	64	62	46	77	141	123	102	37	96	139	129	148	106	88	56	3	29	69	2	154	

* By eye observations at this station.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

LEWISTON, IDAHO

[φ=45° 25' N.; λ=117° 02' W.]

Table with columns for Month, Pressure, Temperature, Moisture, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

LEXINGTON, KY.

[φ=38° 02' N.; λ=84° 33' W.]

Table with columns for Month, Pressure, Temperature, Moisture, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

LINCOLN, NEBR.

[φ=40° 49' N.; λ=96° 45' W.]

Table with columns for Month, Pressure, Temperature, Moisture, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

LITTLE ROCK, ARK.

[φ=34° 45' N.; λ=92° 16' W.]

Table with columns for Month, Pressure, Temperature, Moisture, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

MONTHLY AND ANNUAL SUMMARIES

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Annual meteorological summary for the year ending December 31, 1924—Continued

LEWISTON, IDAHO

[H_b=757 ft.; h₁=40 ft.; h_r=32 ft.; h_a=48 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	Thunderstorms	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
January	4.3	E.	16	W.	0	0	1	14	9	9	4	4	0	0	4	6	21	13	6	9	6	0	0	1	11	0	0	24	0	0
February	3.7	E.	24	NW.	0	0	0	12	9	9	1	4	0	0	1	3	13	17	12	7	7	0	0	0	0	0	4	0	0	
March	4.7	E.	30	NW.	0	0	0	0	0	0	0	0	0	0	0	0	21	22	4	0	0	0	0	0	0	0	16	0	0	
April	4.7	E.	30	W.	0	0	0	0	0	0	0	0	0	0	0	0	11	13	3	2	0	0	0	0	0	0	0	0	0	
May	4.0	E.	29	NW.	0	0	0	4	10	9	0	0	0	0	5	14	11	6	0	0	0	0	0	0	0	0	0	0	0	
June	4.1	E.	21	NW.	0	0	0	1	16	3	1	3	2	0	14	5	11	6	6	0	0	0	1	0	0	5	0	3	0	
July	4.0	E.	28	NW.	0	0	0	7	15	2	1	1	1	0	21	6	4	2	2	0	0	0	0	0	0	19	0	0	0	
August	3.3	E.	24	NW.	0	0	0	4	14	3	1	2	1	0	21	3	7	3	3	0	0	0	0	0	0	14	0	3	0	
September	2.9	E.	20	NW.	0	0	0	1	11	4	1	4	1	3	5	15	4	11	6	6	0	0	0	0	10	0	1	0		
October	2.9	E.	30	NW.	0	0	0	5	8	3	4	2	2	5	5	11	15	8	6	6	0	0	0	0	0	0	0	1	0	
November	3.5	E.	30	NW.	0	0	0	3	9	2	2	2	2	3	4	7	7	16	14	2	2	0	0	5	0	0	11	0		
December	3.5	E.	18	S.	0	0	0	6	3	12	5	1	1	0	5	2	24	12	6	9	7	0	0	1	10	0	20	0		
Year	3.7	E.	30	W.	0	16	32	135	51	22	27	31	21	31	117	81	168	87	62	22	15	1	9	21	55	83	10	0		

LEXINGTON, KY.

[H_b=989 ft.; h₁=193 ft.; h_r=187 ft.; h_a=230 ft.]

January	15.3	SW.	42	W.	2	0	2	5	4	11	2	7	0	0	10	8	13	11	9	8	1	0	0	0	11	0	25	0	0
February	14.6	SW.	38	SW.	0	0	5	3	2	3	4	3	9	0	3	6	20	8	11	5	1	5	6	0	0	0	24	0	
March	14.7	NW.	66	SW.	1	1	3	2	4	4	5	4	9	0	9	3	19	10	8	9	4	0	0	0	0	0	17	0	
April	14.4	SW.	58	SW.	2	1	1	4	4	4	11	2	3	0	8	12	10	14	12	2	0	0	0	0	0	0	2	0	
May	13.1	SW.	64	SW.	5	1	1	0	6	6	10	5	4	0	5	12	14	15	12	0	0	1	1	0	0	0	8	0	
June	10.7	SW.	48	SW.	1	1	1	4	2	3	13	3	2	0	7	15	8	15	11	0	0	0	1	0	2	0	12	0	
July	10.1	SW.	38	SW.	0	0	5	3	1	1	11	2	3	0	15	11	5	9	8	0	0	0	0	0	0	0	6	0	
August	10.7	SW.	39	W.	0	0	2	2	4	4	9	6	9	0	16	13	4	8	7	0	0	0	1	0	0	0	0	6	
September	12.7	SE.	48	W.	2	2	2	5	5	7	2	3	1	5	6	10	9	11	11	9	0	0	0	0	0	0	0	5	
October	11.0	NE.	36	SW.	0	0	4	6	2	4	4	3	4	1	21	4	6	2	1	0	0	0	0	0	0	0	0	0	
November	13.6	SW.	40	SW.	1	0	5	1	3	3	15	2	1	0	7	7	16	10	8	6	1	0	4	1	0	11	0		
December	14.4	SW.	48	SW.	3	3	2	0	7	2	11	4	2	0	10	8	13	10	7	4	3	1	0	9	0	21	2		
Year	12.9	SW.	66	SW.	17	17	32	32	46	41	108	31	52	1	121	106	139	125	98	40	14	3	13	27	10	100	43	0	

LINCOLN, NEBR.

[H_b=1,189 ft.; h₁=11 ft.; h_r=4 ft.; h_a=84 ft.]

January	9.4	S.	30	N.	0	10	3	3	16	11	5	10	0	13	6	12	6	3	9	6	0	0	0	19	0	20	0	0
February	11.0	N.	40	N.	1	14	6	4	12	8	2	8	0	10	8	11	7	7	7	7	0	0	2	11	0	25	0	
March	10.9	NW.	49	NW.	2	16	11	5	4	2	4	19	0	5	6	20	9	8	14	5	0	1	5	0	0	24	2	
April	12.3	S.	42	NW.	1	8	4	3	8	18	4	4	11	0	10	10	10	6	6	0	0	0	0	0	0	1	2	
May	10.6	NW.	36	NW.	0	15	7	1	3	10	6	3	17	0	9	8	14	11	9	1	0	0	0	0	0	0	0	3
June	9.7	N.	54	NW.	3	13	8	11	11	5	3	4	5	0	8	15	7	17	11	0	0	1	0	0	0	2	0	
July	8.3	SE.	40	NW.	1	8	8	9	14	12	4	2	5	0	15	12	4	11	10	0	0	0	0	0	0	5	0	
August	9.4	SE.	38	W.	0	12	7	11	15	15	0	0	2	0	12	10	9	8	4	0	0	0	0	0	0	15	0	
September	9.6	SE.	43	NW.	2	6	9	7	17	6	6	4	0	0	12	7	11	8	4	0	0	0	1	0	0	0	2	
October	10.1	SE.	35	NW.	0	2	6	5	22	18	3	3	0	12	8	11	3	2	0	0	0	0	0	0	0	0	0	
November	11.3	S.	45	NW.	1	8	2	2	7	16	5	5	15	0	8	10	12	3	3	6	1	0	0	0	0	0	18	
December	10.5	N.	33	NW.	0	16	5	4	4	13	4	10	6	0	7	5	19	7	6	10	5	0	0	19	0	29	0	
Year	10.2	S.	54	NW.	11	138	76	65	117	141	50	51	104	0	121	105	140	98	73	47	24	1	4	54	23	128	45	

LITTLE ROCK, ARK.

[H_b=357 ft.; h₁=136 ft.; h_r=129 ft.; h_a=144 ft.]

January	8.7	S.	35	N.	0	12	6	11	5	15	5	6	1	1	16	1	14	8	7	2	0	0	2	4	0	22	0
February	9.8	N.	40	SW.	1	15	7	2	4	9	8	8	2	10	3	16	9	9	7	3	0	0	0	1	0	0	9
March	10.3	E.	54	W.	1	8	10	12	2	9	3	6	12	0	11	7	13	9	9	4	2	0	0	0	0	0	6
April	9.6	E.	46	NW.	1	4	5	9	6	19	4	8	7	0	19	9	11	10	10	0	0	1	0	0	0	1	9
May	9.7	S.	37	NW.	0	6	7	3	5	17	8	6	9	1	14	7	10	9	7	0	0	0	0	0	0	0	0
June	9.1	S.	34	NW.	0	5	2	2	6	31	10	1	2	1	13	10	7	13	11	0	0	0	0	0	0	19	0
July	8.6	SE.	48	SW.	1	9	10	5	5	21	15	9	4	0	18	7	6	7	5	0	0	0	0	0	0	24	0
August	8.9	N.	35	N.	0	4	6	11	2	7	7	7	4	0	18	7	6	6	6	0	0	0	0	0	0	0	8
September	7.7	N.	48	N.	2	15	5	13	3	11	3	2	8	0	16	6	8	9	9	0	0	0	0	0	0	4	0
October	9.4	E.	34	S.	0	5	6	15	6	14	1	0	12	3	21	10	0	1	1	0	0	0	1	0	0	0	0
November	9.1	E.	37	NW.	0	6	4	6	2	21	2	0	4	0	14	8	9	6	5	0	0	0	0	0	0	0	2
December	9.7	S.	42	S.	1	8	11	10	6	15	7	1	4	0	13	5	13	11	5	3	0	0	0	6	0	15	2
Year	8.6	S.	54	W.	7	98	79	99	54																		

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

LOS ANGELES, CALIF.

[φ=34° 03' N.; λ=118° 15' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

LOUISVILLE, KY.

[φ=38° 15' N.; λ=85° 45' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

LUDINGTON, MICH.

[φ=43° 57' N.; λ=86° 27' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

LYNCHBURG, VA.

[φ=37° 25' N.; λ=79° 09' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a Yearly total.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

MACON, GA.

[φ=32° 50' N.; λ=83° 38' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness), and Monthly mean. Rows include months from January to December and a Year total.

MADISON, WIS.

[φ=43° 05' N.; λ=89° 23' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness), and Monthly mean. Rows include months from January to December and a Year total.

MARQUETTE, MICH.

[φ=46° 34' N.; λ=87° 24' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness), and Monthly mean. Rows include months from January to December and a Year total.

MEMPHIS, TENN.

[φ=35° 09' N.; λ=90° 03' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness), and Monthly mean. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

MACON, GA.

[H_b=370 ft.; h₁=78 ft.; h_r=71 ft.; h_s=87 ft.]

Month	Wind										Number of days																	
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Clear	Partly cloudy	Cloudy	Precipitation		Snow		Dense fog	Maximum temp.		Minimum temperature 32° or below	Thunderstorms	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		0.01 inch and over	0.04 inch and over				T. or more	0.01 inch or more melted	Hail	32° or below	90° or above
	Miles		Mi.																									
January	6.9	NW	29	NW	0	19	6	8	1	3	2	4	17	2	13	3	15	8	7	1	0	0	1	1	15	0	0	
February	7.1	NW	30	SE	0	8	8	4	2	4	4	10	16	1	10	7	12	9	2	1	1	0	0	0	2	2	0	
March	7.8	NW	29	NW	0	1	7	3	2	2	6	11	13	0	11	6	14	9	5	0	0	0	0	0	0	0	0	
April	6.4	NW	24	NW	0	8	7	4	6	11	7	19	12	0	9	6	15	11	10	0	0	0	0	0	0	5	0	
May	6.1	SW	26	SW	0	8	0	0	5	5	19	12	15	0	11	11	9	4	7	0	0	0	0	1	0	5	0	
June	5.0	SW	37	NW	0	7	3	3	1	8	14	10	14	0	5	19	6	15	12	0	0	1	0	0	19	0	14	
July	4.5	N	33	NW	0	9	8	12	10	4	7	6	6	0	8	10	13	13	9	0	0	0	0	0	16	0	15	
August	4.6	NE	30	N	0	7	8	11	7	11	2	8	8	0	11	16	4	8	5	0	0	1	0	0	0	11	0	
September	6.1	NE	24	N	0	7	21	12	5	4	2	0	7	2	8	7	15	16	15	0	0	0	0	0	0	4	0	
October	6.3	NE	20	NE	0	25	22	10	0	0	0	0	0	0	21	4	6	8	8	0	0	0	0	0	0	0	0	
November	5.3	NW	25	NW	0	12	6	2	4	6	5	6	15	0	20	7	3	3	3	0	0	2	0	0	0	5	1	
December	6.3	NE	26	S	0	10	15	2	2	9	7	3	13	1	8	4	19	10	6	2	0	0	4	0	0	7	2	
Year..	6.0	NW	37	NW	0	123	106	71	46	74	78	73	156	6	135	100	131	111	89	6	2	4	12	1	59	40	61	0

MADISON, WIS.

[H_b=974 ft.; h₁=70 ft.; h_r=62 ft.; h_s=78 ft.]

January	10.0	W	33	SW	0	1	1	1	7	10	9	17	16	0	10	7	14	10	3	12	9	0	0	21	0	30	0	0
February	10.7	NW	43	NE	2	9	11	5	4	4	4	7	14	0	7	5	17	11	5	13	10	0	3	16	0	29	0	0
March	9.2	N	32	NE	0	20	8	4	4	0	3	6	17	0	4	7	20	15	11	21	14	0	1	12	0	27	1	0
April	10.2	NW	28	NE	0	5	5	5	11	8	7	9	10	0	0	12	12	9	6	6	1	1	1	1	1	4	5	0
May	8.4	NW	28	SE	0	7	13	0	5	1	7	15	14	0	7	9	15	17	22	1	0	0	0	0	0	0	3	1
June	6.7	S	30	NE	0	7	7	5	9	8	6	8	9	1	4	8	18	12	12	9	0	0	0	0	0	0	11	0
July	6.7	SW	35	NE	0	6	8	3	8	8	14	6	8	0	9	15	7	12	10	0	0	0	0	0	0	0	12	0
August	7.9	S	36	NE	0	9	6	0	9	10	7	5	13	1	10	13	8	14	16	0	0	0	0	0	0	0	0	11
September	8.0	SE	31	SW	0	11	3	15	4	7	8	7	0	8	7	15	11	9	9	0	0	0	0	0	0	0	4	0
October	7.9	S	30	S	0	3	8	3	11	19	11	5	2	0	15	11	5	5	1	0	0	0	0	0	0	0	1	1
November	10.5	NW	32	S	0	5	2	0	7	8	15	8	14	1	5	10	15	9	7	10	3	1	0	0	0	20	4	0
December	10.1	SW	32	NW	0	8	6	4	2	4	16	8	14	0	11	3	17	12	7	16	8	0	2	22	0	20	0	0
Year..	8.8	NW	43	NE	2	91	80	33	92	85	106	102	140	3	96	107	163	137	86	74	44	6	10	78	0	139	52	5

MARQUETTE, MICH.

[H_b=734 ft.; h₁=77 ft.; h_r=70 ft.; h_s=111 ft.]

January	11.8	W	33	NW	0	1	3	0	2	7	13	25	11	0	4	4	23	23	15	27	23	0	0	29	0	31	0	1
February	10.8	NW	27	NW	0	6	8	5	1	4	4	10	19	1	4	4	21	18	9	20	18	0	0	20	0	29	0	0
March	9.5	NW	26	NW	0	12	8	4	3	3	3	6	23	0	2	6	23	12	7	7	22	12	0	14	0	31	0	
April	9.4	NW	29	W	0	2	10	11	5	5	7	17	0	0	5	10	15	13	8	9	6	0	0	3	0	18	1	
May	9.1	NW	31	NW	0	3	3	9	3	3	6	12	23	0	7	7	17	14	7	5	4	1	1	1	0	6	1	
June	8.0	NW	29	SW	0	5	4	7	6	8	0	14	16	0	8	8	14	13	5	0	0	0	1	0	0	0	4	
July	8.3	NW	29	W	0	6	3	8	6	5	5	11	18	0	7	10	14	13	10	0	0	0	3	0	0	0	5	
August	9.7	W	44	SE	1	3	1	6	2	10	9	15	16	0	9	13	9	15	9	0	0	0	1	0	0	0	8	
September	9.1	W	38	SW	0	4	1	5	6	9	3	11	14	7	10	7	13	9	6	0	0	0	1	0	0	0	2	
October	10.0	S	36	S	0	6	2	2	7	13	11	14	7	0	10	10	11	2	2	0	0	0	0	0	0	0	1	
November	12.5	W	38	SW	0	3	2	0	1	2	18	21	12	0	4	7	19	12	10	15	9	0	0	0	0	22	1	
December	12.4	W	32	W	0	1	2	3	3	11	24	15	0	0	5	6	20	14	7	23	14	0	0	24	0	31	0	
Year..	10.0	NW	44	SE	1	62	40	59	51	73	88	170	101	8	75	92	169	158	95	121	86	1	7	99	0	168	23	3

MEMPHIS, TENN.

[H_b=399 ft.; h₁=76 ft.; h_r=69 ft.; h_s=97 ft.]

January	8.1	SE	32	NW	0	15	5	5	14	9	3	3	8	0	18	3	10	9	8	3	1	0	0	1	5	0	21	1
February	8.5	N	41	SW	1	15	6	5	4	9	9	5	4	1	13	5	11	9	9	1	0	0	0	0	0	0	8	1
March	7.3	NW	39	SW	0	12	7	11	4	2	6	13	1	7	13	11	9	8	4	0	1	0	0	0	0	6	3	
April	7.4	SW	52	NW	2	8	7	11	10	5	11	5	3	0	13	9	8	12	11	0	0	0	0	0	0	0	0	
May	6.5	SW	28	NW	0	9	6	3	5	7	16	7	9	0	15	8	8	11	7	0	0	0	2	0	0	0	10	
June	6.9	SW	35	NW	0	6	9	6	10	16	15	4	3	0	9	13	8	11	7	0	0	0	0	0	0	0	0	
July	6.2	N	31	N	0	20	3	7	4	9	11	2	2	2	18	9	4	5	3	0	0	0	0	0	0	10	0	
August	6.3	SW	40	NW	1	13	4	7	4	18	10	2	4	0	20	7	4	7	4	0	0	0	0	0	0	18	0	
September	6.8	N	50	SW	1	17	9	16	5	2	1	4	1	1	15	4	11	8	5	0	0	0	0	0	0	0	3	
October	6.0	NE	19	NW	0	13	14	17	10	6	0	0	2	1	26	5	0	1	1	0	0	0	0	0	0	0	0	
November	6.4	SE	30	NW	0	11	5	5	11	13	9	5	4	0	15	5	10	6	6	0	0	0	0	0	0	0	1	
December	7.9	N	50	W	1	17	7	9	6	11	6	1	4	1	14	4	13	10	10	2	0	0	0	0	5	0	14	
Year..	6.6</																											

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

MERIDIAN, MISS.

[$\phi=32^{\circ} 21' N.$; $\lambda=88^{\circ} 40' W.$]

Month	Pressure			Temperature							Moisture																
	Monthly mean	Extremes		Mean					Extremes		Dew point	Relative humidity			Vapor pressure			Precipitation Total Maximum in 24 hours	Cloudiness								
		Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	Maximum	Minimum	Monthly	Maximum		Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time		8 p. m.	8 a. m.	Noon, local time	8 p. m.	Daylight				
		In.	In.																					In.	°	°	°
January	29.843	30.450	29.160	35.5	47.0	45.6	53.5	53.0	64.2	0	70	8	30	31	32	80	54	60	0.185	0.194	0.204	6.46	1.50	5.5	5.2	3.1	5.1
February	29.710	30.160	29.050	41.7	53.1	52.3	58.2	58.9	48.6	76	26	35	35	39	78	53	56	219	220	225	5.16	2.79	6.0	4.6	3.9	4.9	
March	29.562	29.900	28.960	44.7	56.8	55.9	62.3	63.1	52.0	80	27	38	38	39	76	52	56	242	242	256	6.83	2.79	5.5	5.3	4.4	5.1	
April	29.602	29.980	29.190	56.8	68.9	67.7	73.3	73.5	63.4	86	33	51	50	51	81	54	58	395	395	392	6.95	2.45	6.5	6.1	5.5	6.0	
May	29.548	29.750	29.310	62.2	74.0	73.0	78.0	78.0	67.8	90	45	55	52	53	79	49	61	457	419	499	1.33	4.8	5.1	5.1	4.3	4.8	
June	29.584	29.710	29.400	75.4	87.5	85.2	90.5	90.5	80.7	96	62	70	68	71	85	53	69	745	697	754	4.77	1.64	4.5	5.6	6.1	5.0	
July	29.622	29.780	29.440	74.1	88.2	84.1	91.2	93.7	80.4	100	67	67	62	66	76	42	56	875	574	659	2.99	2.83	2.7	3.6	3.6	3.3	
August	29.598	29.720	29.340	75.0	89.9	85.0	93.5	97.1	82.6	100	65	69	66	69	81	46	61	707	645	714	2.18	1.15	2.5	4.2	4.6	3.9	
September	29.602	29.800	29.390	65.7	78.8	76.4	82.4	82.4	72.4	93	45	60	60	60	82	54	60	538	538	550	1.49	7.9	4.5	4.9	3.7	4.4	
October	29.739	30.070	29.450	53.3	74.3	68.4	67.9	65.1	64.4	84	34	47	49	52	80	42	58	335	307	406	0.39	3.7	1.9	2.3	1.4	2.1	
November	29.769	30.050	29.260	47.2	65.4	60.0	69.9	64.4	55.7	80	26	42	44	44	83	48	55	287	322	310	1.17	1.7	3.2	2.1	1.2	1.4	
December	29.806	30.280	29.350	43.7	61.8	60.6	65.7	63.9	64.8	79	19	36	36	38	76	60	64	264	277	275	8.38	2.75	6.5	6.4	4.6	6.0	
Year	29.666	30.450	28.960	56.3	69.6	66.8	74.0	75.2	63.3	100	8	50	49	51	80	51	60	421	407	437	43.10	2.83	4.5	4.6	3.9	4.4	

MIAMI, FLA.

[$\phi=25^{\circ} 48' N.$; $\lambda=80^{\circ} 12' W.$]

January	30.108	30.340	29.900	67.8	72.5	70.4	75.0	64.0	69.5	80	50	63	65	64	86	77	81	0.596	0.620	0.611	2.80	0.63	7.6	8.4	7.3	8.2
February	30.086	30.390	29.680	58.9	69.7	65.9	72.0	66.0	64.0	79	42	52	52	54	79	55	66	409	419	434	1.69	24	3.8	5.6	4.8	5.3
March	29.946	30.150	29.580	62.7	72.4	68.3	73.5	65.8	66.8	85	41	56	57	56	79	59	66	473	487	476	1.46	52	4.3	5.0	5.0	4.9
April	29.995	30.170	29.790	73.2	79.0	75.4	80.7	68.4	74.6	89	01	65	60	66	76	60	73	627	655	643	3.40	2.43	4.0	5.5	6.0	5.6
May	29.947	30.060	29.730	76.3	81.2	77.8	84.0	70.8	77.7	92	04	68	69	69	76	69	75	695	723	719	7.45	2.65	5.3	5.0	6.8	6.0
June	29.993	30.090	29.790	81.3	85.3	80.9	87.1	75.1	81.1	90	08	73	73	72	75	66	76	799	800	796	4.22	1.39	4.4	5.2	5.2	5.3
July	30.014	30.110	29.900	82.3	85.9	81.5	87.8	76.3	82.0	94	71	74	74	74	75	68	77	830	835	824	8.31	2.51	5.1	6.5	6.1	6.0
August	29.960	30.100	29.610	82.1	86.1	83.0	88.4	77.4	82.9	93	70	74	74	74	77	67	74	839	834	830	3.40	1.32	5.5	6.0	5.8	6.1
September	29.914	30.120	29.800	80.8	84.0	80.0	85.9	75.0	80.8	89	71	73	73	73	77	70	77	812	808	806	7.41	2.09	5.5	6.1	6.8	6.6
October	29.906	30.180	29.090	76.2	80.0	77.1	81.7	72.0	76.8	86	67	70	71	70	82	75	80	742	764	743	25.09	0.53	6.6	7.2	6.9	7.2
November	30.054	30.230	29.730	69.5	75.5	71.7	77.0	66.6	71.6	80	50	62	61	60	77	62	68	560	549	536	1.06	58	4.8	4.8	3.1	4.4
December	30.140	30.310	29.970	68.8	75.7	72.8	77.1	67.2	72.2	81	49	64	65	66	84	70	78	599	632	639	1.32	10	4.2	5.4	3.4	5.2
Year	30.005	30.390	29.090	73.3	78.9	75.5	81.0	69.0	75.0	94	41	66	67	66	79	67	74	665	677	671	65.54	0.53	5.1	5.9	5.6	5.9

MILES CITY, MONT.

[$\phi=46^{\circ} 25' N.$; $\lambda=106^{\circ} 49' W.$]

January	27.562	28.180	27.082	5.6	15.7	14.2	21.4	-0.3	10.6	46	-31	0	7	7	75	66	69	0.052	0.072	0.071	0.35	0.14	5.4	5.4	5.2	5.3
February	27.606	28.080	27.201	24.7	33.3	33.0	38.2	21.9	30.0	57	3	21	25	20	83	69	74	114	138	145	0.91	23	5.7	6.0	6.4	6.1
March	27.459	27.830	27.080	24.3	32.3	33.4	39.9	23.2	26.0	51	8	21	23	23	84	66	67	112	121	123	1.00	24	4.3	5.0	5.0	4.9
April	27.415	27.880	27.090	35.4	44.8	43.7	52.7	35.6	44.2	71	28	31	29	30	80	50	46	171	162	167	1.31	67	7.1	7.5	7.5	7.0
May	27.494	27.760	27.010	43.9	50.3	50.4	54.3	41.4	52.8	87	28	36	33	34	74	39	38	212	192	195	1.34	17	3.9	4.8	5.1	4.4
June	27.444	27.859	27.060	55.0	68.4	68.0	71.7	52.0	61.1	95	38	49	48	46	81	51	49	356	343	326	1.72	40	5.3	5.3	5.7	5.2
July	27.460	27.756	27.110	61.7	76.0	75.1	84.9	59.4	72.2	102	48	53	49	48	73	36	34	402	334	341	3.39	14	2.6	2.5	4.4	2.9
August	27.451	27.740	27.030	56.0	73.2	73.9	82.0	54.4	68.2	103	42	48	46	45	75	38	34	341	321	311	1.66	40	3.1	3.5	3.6	3.0
September	27.465	27.860	26.950	46.2	58.8	58.9	72.7	45.4	58.0	90	31	39	39	38	76	38	37	244	246	239	1.15	10	2.7	3.4	3.4	3.4
October	27.445	27.800	26.814	41.5	57.4	57.4	63.7	40.3	52.0	79	30	35	38	38	79	46	62	208	228	236	1.21	52	4.8	3.9	4.6	4.4
November	27.524	27.900	26.940	28.5	40.3	45.3	52.5	25.2	35.2	59	-1	22	25	26	75	54	61	119	136	141	1.25	10	5.5	5.8	4.5	5.2
December	27.627	28.270	27.020	8.8	14.8	12.7	20.7	1.2	11.0	64	-43	4	6	5	80	71	71	074	078	079	1.06	28	5.9	6.4	6.2	6.7
Year	27.494	28.270	26.814	36.1	49.9	49.9	54.4	33.3	43.8	103	-43	30	31	30	78	52	53	200	199	198	9.34	0.67	4.9	5.2	5.4	5.0

MILWAUKEE, WIS.

[$\phi=43^{\circ} 02' N.$; $\lambda=87^{\circ} 54' W.$]

January	29.364	29.941	28.710	11.8	16.9	16.2	22.5	5.5	14.0	40	-19	9	11	11	86	76	78	0.077	0.086	0.096	0.95	0.54	5.9	5.8	4.9	5.2
February	29.373	29.860	28.720	23.2	27.7	26.0	30.8	8.2	14.2	41	7	20	23	22	88	80	81	111	121	118	2.52	1.83	6.9	6.8	7.0	6.9
March	29.190	29.570	28.220	29.8	33.3	32.2	38.6	7.2	9.1	35	17	24	27	26	81	74	78	134	145	141	2.94	96	7.5	7.4	6.5	7.4
April	29.190	29.517	28.740	40.1	46.2	45.0	51.1	28.9	34.1	73	20	33	36	36	77	70	73	195	221	219	2.64	73	5.6	6.7	4.5	

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

MERIDIAN, MISS.

[H_b=375 ft.; h₁= 85 ft.; h_r=62 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		T. or more 0.01 inch or more melted	Hall	Dense fog	32° or below		90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras		
																		0.01 inch and over	0.04 inch and over				32° or below	90° or above						
January	6.2	NE.	30	W.	0	10	12	8	8	2	7	3	9	3	13	7	11	12	12	0	0	0	1	0	0	17	2	0	0	
February	6.3	NW.	25	NE.	0	8	9	4	2	6	7	8	10	4	15	4	10	8	7	0	0	0	0	0	0	2	3	0	0	
March	7.5	NE.	30	SE.	0	7	14	8	0	6	7	5	13	2	13	7	11	11	10	1	1	0	0	0	5	3	0	0		
April	5.6	NE.	26	W.	0	5	12	7	5	10	9	4	7	1	8	11	11	10	9	0	0	0	1	0	0	0	6	0	0	
May	5.3	SW.	23	SE.	0	5	3	3	0	13	15	10	10	3	15	7	9	10	6	0	0	0	0	0	0	8	0	0	0	
June	4.3	SW.	30	NW.	0	3	2	6	3	9	23	8	4	2	7	19	4	12	9	0	0	0	0	0	21	0	13	0	0	
July	4.4	SW.	28	SW.	0	10	5	9	8	7	14	5	11	3	16	11	4	8	3	0	0	0	0	0	23	0	19	0	0	
August	4.2	SW.	30	NW.	0	11	5	9	8	7	14	5	11	3	16	11	4	8	3	0	0	0	0	0	5	0	4	0	0	
September	5.8	E.	36	NW.	0	14	14	18	2	4	2	0	4	2	15	8	7	4	4	0	0	0	0	0	0	0	0	4	0	0
October	4.3	NE.	18	E.	0	9	29	11	5	0	1	0	1	0	6	24	5	2	2	1	0	0	1	0	0	0	0	0	0	0
November	4.6	E.	24	NW.	0	8	8	10	4	3	10	6	5	6	19	9	2	1	1	0	0	0	3	0	0	0	5	0	0	0
December	6.9	N.	25	W.	0	16	10	8	4	12	5	2	5	0	11	4	16	10	10	0	0	0	0	3	0	11	4	0	0	
Year	5.5	NE.	36	NW.	0	106	127	97	48	79	114	54	73	34	177	101	88	95	78	2	1	0	6	4	78	45	65	0	0	

MIAMI, FLA.

[H_b=25 ft.; h₁=71 ft.; h_r=64 ft.; h_a=79 ft.]

January	9.3	E.	29	E.	0	10	7	16	10	7	3	0	8	1	3	3	25	15	11	0	0	0	0	0	0	0	2	0	0	0
February	9.5	NW.	39	W.	0	8	0	12	7	2	4	11	14	0	12	6	11	6	3	0	0	0	0	0	0	0	0	3	0	0
March	9.6	NW.	32	SW.	0	6	1	8	9	11	8	7	12	0	11	11	9	3	2	0	0	0	0	0	0	0	1	0	0	0
April	7.8	E.	25	E.	0	2	8	13	9	9	5	4	10	0	7	12	11	6	4	0	0	1	1	0	0	0	5	0	0	0
May	6.4	SE.	23	W.	0	7	2	8	11	7	7	10	10	0	6	16	10	14	12	0	0	1	0	0	1	0	10	0	0	0
June	5.8	SE.	32	NW.	0	6	2	13	18	5	1	8	6	1	8	13	9	12	7	0	0	0	0	0	0	0	14	0	0	0
July	6.6	SE.	31	NW.	0	3	0	15	18	7	7	5	7	0	6	16	9	19	14	0	0	0	0	0	3	0	16	0	0	0
August	7.2	E.	24	SW.	0	3	3	20	11	3	5	11	6	0	4	15	12	16	11	0	0	0	0	0	3	0	13	0	0	0
September	7.7	E.	33	SE.	0	3	4	16	18	4	7	3	5	0	5	14	11	19	17	0	0	0	0	0	0	0	11	0	0	0
October	10.5	E.	34	NW.	0	7	15	22	6	4	1	1	6	0	4	10	17	26	24	0	0	0	0	0	0	0	8	0	0	0
November	9.4	NE.	27	W.	0	13	21	12	0	1	1	0	12	0	12	12	6	8	5	0	0	0	0	0	0	0	0	0	0	0
December	7.9	E.	24	E.	0	11	2	25	11	6	0	2	5	0	9	13	9	5	2	0	0	0	1	0	0	0	0	0	0	0
Year	8.1	E.	34	NW.	0	79	65	180	128	66	49	62	101	2	87	140	139	149	112	0	0	2	2	0	7	0	83	0	0	0

MILES CITY, MONT.

[H_b=2,371 ft.; h₁=48 ft.; h_r=39 ft.; h_a=55 ft.]

January	5.2	SW.	27	NW.	0	4	3	4	2	12	24	5	8	0	11	6	14	7	4	9	7	0	0	19	0	31	0	1	0	0	
February	5.5	NW.	27	NW.	0	5	2	5	11	12	5	3	13	1	10	5	14	8	6	8	6	0	1	6	0	27	0	0	0	0	
March	6.2	E.	24	W.	0	5	7	18	8	6	3	4	11	0	5	6	20	10	5	20	9	0	0	8	0	31	0	0	0	0	
April	8.0	NW.	36	NW.	0	8	9	2	2	5	4	9	21	0	2	11	17	10	8	9	4	0	0	0	0	7	1	0	0	0	
May	5.8	NW.	30	E.	0	12	8	3	6	9	3	3	16	0	14	7	10	7	4	1	1	0	0	0	0	2	2	0	0	0	
June	6.2	NE.	30	NE.	0	6	18	9	4	6	6	4	13	0	10	13	9	0	0	1	1	0	0	0	0	0	9	0	0	0	
July	5.7	NE.	30	N.	0	5	11	10	8	8	5	3	11	1	19	8	4	4	4	0	0	0	0	0	0	9	0	5	0	0	
August	5.0	NE.	29	W.	0	11	16	10	6	5	4	4	6	0	20	7	4	4	4	0	0	1	0	0	0	7	0	5	0	0	
September	5.2	NW.	24	NW.	0	6	6	10	10	6	7	4	11	0	17	7	6	4	1	0	0	0	0	0	1	2	1	0	0	0	
October	6.0	NE.	30	W.	0	2	10	7	9	9	8	7	10	0	15	5	11	7	5	1	0	0	0	0	0	0	1	0	0	0	0
November	6.9	NW.	36	NW.	0	3	9	2	5	10	7	11	13	0	10	11	9	5	3	3	2	0	0	3	0	27	0	0	0	0	
December	6.8	NE.	30	W.	0	10	11	6	8	6	5	6	10	0	9	3	19	13	8	14	11	0	0	22	0	29	0	0	0	0	
Year	6.0	NW.	36	NW.	0	71	111	86	79	94	81	65	143	2	142	86	138	92	61	65	40	2	2	58	17	157	23	1	0	0	

MILWAUKEE, WIS.

[H_b=681 ft.; h₁=125 ft.; h_r=117 ft.; h_a=139 ft.]

January	10.6	W.	40	SW.	1	4	1	0	3	3	16	23	12	0	11	9	11	10	5	14	9	0	0	20	6	30	0	0	0	0
February	11.6	W.	37	E.	0	12	15	6	0	2	3	15	4	0	7	4	18	13	7	16	12	0	0	16	0	29	0	0	0	0
March	11.5	NW.	31	NE.	0	20	14	5	2	2	1	11	7	0	7	4	20	16	13	18	13	0	0	0	7	0	23	0	0	0
April	11.0	W.	38	E.	0	4	11	7	4	3	5	13	10	0	7	8	15	14	9	4	1	1	0	0	0	4	4	0	0	0
May	9.2	W.	31	NE.	0	14	9	3	6	3	9	13	5	0	9	8	14	13	11	2	0	0	2	0	0	0	3	0	0	0
June	7.7	NE.	26	NE.	0	7	16	3	9	5	3	11	0	0	4	10	16	12	12	0	0	3	4	0	0	0	8	0	0	0
July	8.3	W.	47	N.	1	6	8	8	7	2	13	15	3	0	15	6	10	8	7	0	0	0	0	0	0	0	7	0	0	0
August	8.5	SW.	52	SE.	1	5	8	6	10	7	10	5	11	0	12	11	8	11	9	0	0	0	1	0	1	0	8	0	0	0
September	9.7	N.	36	SW.	0	17	7	5	9	9	4	9	0	0	11															

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

MINNEAPOLIS, MINN.

[$\phi=44^{\circ} 59' N.$; $\lambda=93^{\circ} 18' W.$]

Month	Pressure				Temperature							Moisture								
	Extremes		Mean		Extremes		Dew point	Relative humidity		Vapor pressure		Precipitation		Cloudiness						
	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	Maximum		Minimum	Monthly	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight
January	29.084	29.780	28.646	10.311	416.6	-0.7	8.0	44	-28	1	4	4	4	0.059	0.064	0.54	0.31	5.5	3.8	4.9
February	29.163	29.560	28.650	25.125	129.0	0.14	32.1	44	0	16	17	17	17	0.095	0.096	0.63	0.29	7.0	5.0	6.1
March	29.098	29.300	28.273	32.633	236.2	2.23	52.9	50	3	19	20	20	20	0.103	0.110	1.23	0.92	8.0	7.5	8.1
April	28.872	29.251	28.390	48.848	553.4	3.5	144.2	79	10	32	33	33	33	0.195	0.200	3.38	3.01	6.6	7.1	6.7
May	28.859	29.180	28.490	55.156	659.8	4.1	0.50	4	79	32	33	33	33	0.186	0.193	1.03	3.0	6.1	7.1	6.1
June	28.915	29.210	28.440	70.269	473.9	5.5	2.64	6	86	44	52	51	51	0.403	0.393	7.35	2.51	6.0	5.6	6.1
July	28.984	29.330	28.641	76.175	580.2	6.9	6.09	9	90	47	52	54	54	0.404	0.438	1.22	6.1	5.2	4.4	4.4
August	28.930	29.220	28.610	72.873	577.7	7.5	5.8	1	92	48	56	58	58	0.465	0.499	7.35	3.64	4.0	4.7	5.1
September	29.028	29.400	28.350	63.360	465.9	4.9	3.57	6	78	36	46	47	47	0.330	0.337	3.43	1.10	6.0	5.7	5.9
October	29.054	29.500	28.380	62.760	166.3	4.6	8.5	6	79	35	43	43	43	0.290	0.294	2.76	3.0	4.5	4.4	4.8
November	28.983	29.840	28.430	36.334	74.0	9.25	2.33	0	62	7	22	23	23	0.120	0.130	0.65	3.3	6.3	5.9	6.5
December	29.143	29.840	28.360	11.811	4.17	2.1	3.9	2	45	-20	2	4	4	0.060	0.061	0.83	0.36	5.4	6.4	5.9
Year	29.001	29.840	28.273	47.146	6.51	4.34	1.42	8	92	-28	31	32	32	0.226	0.234	28.40	3.64	6.0	5.6	5.9

MOBILE, ALA.

[$\phi=30^{\circ} 41' N.$; $\lambda=88^{\circ} 02' W.$]

January	30.168	30.720	29.530	42.550	7.49	7.57	5.37	4.47	4	73	14	36	39	66	68	0.247	0.273	0.270	2.99	5.0	6.7	5.1	5.9	
February	30.050	30.460	29.430	47.556	9.54	5.90	6.44	3.52	4	71	31	42	43	83	83	0.289	0.301	0.308	4.37	2.00	5.8	5.6	4.3	5.3
March	29.899	30.190	29.350	50.460	2.57	7.64	2.47	7.55	0	80	31	45	46	81	83	0.322	0.338	0.356	1.07	6.2	5.8	6.1	6.0	5.7
April	29.947	30.284	29.630	61.870	4.67	7.74	1.69	1.66	8	84	38	57	57	86	86	0.405	0.493	0.513	4.10	1.35	6.3	6.2	6.4	6.5
May	29.897	30.000	29.600	67.275	3.73	0.78	7.63	4.71	0	87	51	62	61	82	83	0.572	0.550	0.580	4.10	1.17	4.5	4.8	5.4	4.7
June	29.927	30.040	29.730	78.586	5.80	3.89	5.78	5.51	5	88	67	78	72	78	85	0.824	0.791	0.809	9.39	2.99	3.8	5.0	6.0	5.2
July	29.958	30.090	29.770	77.288	8.83	0.90	9.73	1.82	0	109	62	71	68	71	81	0.770	0.716	0.770	4.31	1.56	4.9	3.2	6.0	4.9
August	29.931	30.050	29.650	77.989	0.84	4.93	0.74	6.83	8	100	69	72	70	72	83	0.791	0.739	0.751	3.21	1.96	2.5	2.5	4.4	3.9
September	29.906	30.100	29.750	71.280	2.77	3.84	1.68	5.76	3	92	46	66	60	66	84	0.627	0.646	0.673	1.89	1.50	4.7	4.5	4.1	4.3
October	30.040	30.340	29.730	60.075	2.71	0.78	7.58	2.08	4	88	44	53	54	57	79	0.420	0.434	0.483	3.1	1.18	2.6	3.7	2.8	3.7
November	30.107	30.890	29.750	53.687	6.04	1.71	6.51	6.51	6	81	31	49	45	51	85	0.372	0.373	0.411	0.06	2.2	3.4	2.1	3.1	3.3
December	30.129	30.510	29.730	49.157	3.64	9.61	6.45	8.53	6	77	28	43	45	40	81	0.327	0.350	0.354	7.35	2.18	6.1	6.9	6.8	6.6
Year	29.997	30.720	29.350	61.471	3.68	1.75	4.58	1.66	7	100	14	56	56	57	82	0.507	0.500	0.526	48.37	2.99	4.5	4.9	5.0	5.0

MODENA, UTAH

[$\phi=37^{\circ} 48' N.$; $\lambda=113^{\circ} 54' W.$]

January	24.706	25.160	24.090	12.134	9.23	5.40	0.8	7.24	4	59	-14	7	15	16	70	44	47	0.090	0.096	0.097	0.17	0.08	1.5	1.7	2.3	2.1
February	24.715	25.080	24.483	25.048	0.48	3.52	0.91	7.37	3	63	14	16	18	17	67	30	23	0.085	0.093	0.093	0.09	0.06	2.1	2.9	3.0	3.4
March	24.439	24.747	24.061	21.339	2.39	0.43	8.17	4.30	6	56	9	15	21	20	74	50	50	0.085	0.113	0.088	2.84	1.48	4.1	4.6	4.8	4.6
April	24.556	24.910	24.200	33.655	7.67	3.80	7.81	0.45	8	73	19	26	31	30	72	43	40	0.141	0.181	0.173	0.53	0.26	1.9	3.7	4.0	3.0
May	24.576	24.820	24.374	42.369	6.69	9.74	5.40	1.67	3	85	30	26	26	26	64	22	22	0.144	0.140	0.145	0.39	0.37	2.2	3.0	4.7	3.3
June	24.593	24.800	24.240	47.981	0.82	8.85	6.45	9.65	8	100	33	22	18	16	35	10	9	0.116	0.103	0.096	1.00	0.00	1.0	1.3	2.3	1.4
July	24.659	24.820	24.480	54.584	1.81	3.87	6.63	1.70	4	96	44	35	31	32	52	17	23	0.229	0.201	0.211	1.09	0.33	1.9	2.6	4.0	2.8
August	24.632	24.840	24.480	52.783	6.84	3.87	2.60	5.08	8	96	40	30	24	23	43	12	11	0.180	0.134	0.130	0.31	0.17	1.1	1.4	1.6	1.3
September	24.649	24.930	24.170	45.275	5.74	5.79	2.41	9.00	0	90	23	27	26	26	49	18	18	0.163	0.162	0.157	1.13	1.3	1.5	1.9	2.3	2.0
October	24.626	24.900	24.240	31.659	3.57	3.63	6.27	4.45	5	78	11	17	21	20	64	27	27	0.099	0.083	0.080	0.41	0.33	2.2	3.1	3.6	3.0
November	24.735	25.000	24.210	23.649	6.42	8.53	2.20	2.84	7	72	8	17	22	23	74	35	46	0.096	0.118	0.122	0.44	0.28	1.0	2.4	2.6	2.4
December	24.657	25.076	24.030	14.029	8.23	9.83	5.7	0.20	2	58	-22	8	16	15	78	63	71	0.073	0.108	0.095	1.14	0.50	3.7	4.5	4.0	3.9
Year	24.629	25.160	24.030	33.659	2.57	9.63	5.30	4.47	0	100	-22	20	23	22	61	31	33	0.123	0.127	0.125	7.54	1.48	2.0	2.8	3.3	2.8

MONTGOMERY, ALA.

[$\phi=32^{\circ} 23' N.$; $\lambda=86^{\circ} 18' W.$]

January	30.006	30.690	29.350	37.746	3.46	8.53	1.33	4.43	2	70	8	32	33	33	80	01	50	0.203	0.214	0.205	0.42	2.11	5.8	5.5	4.4	5.5
February	29.864	30.280	29.231	43.062	2.63	3.68	1.40	7.49	4	77	26	36	36	37	78	56	56	0.229	0.229	0.238	0.75	2.25	5.3	5.2	4.2	5.0
March	29.710	30.030	29.150	46.957	2.57	8.62	8.44	0.53	4	82	29	40	38	40	76	52	54	0.206	0.254	0.270	3.25	1.65	5.0	5.9	5.7	5.6
April	29.764	30.140	29.310	58.498	9.68	7.74	3.55	0.64	6	86	36	51	50	51	78	54	56	0.404	0.393	0.395	6.13	1.09	5.1	6.5	5.8	6.0
May	29.706	29.880	29.430	64.174	0.73	1.79	2.69	0.69	4	91	49	57	55	55	78	53	56	0.527	0.400	0.422	4.40	1.37	4.9	6.0	4.3	5.1
June	29.743	29.880	29.540	75.685	9.81	3.90	4.71	1.80	8	95	63	70	71	70	84	63	70	0.740	0.770	0.745	4.08	1.72	5.1	6.1	7.7	6.4
July	29.778	29.940	29.570	75.486	8.82	1.90	7.71	4.61	0	99	63	70	73	72	86	64	72	0.745	0.811	0.777	6.58	2.96	3.2	4.6	6.0	4.6
August	29.734	29.900	29.470	73.489	2.85	6.22	9.72	8.62	8	98	67	71														

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

MINNEAPOLIS, MINN.

[H_b=918 ft.; h₁=102 ft.; h_r=92 ft.; h_a=208 ft.]

Month	Wind										Number of days																			
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Clear	Partly cloudy	Cloudy	Precipitation		Snow		Dense fog	Maximum temp. 32° or below	Minimum temperature 32° or below	Thunderstorms	Auroras								
	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						0.01 inch and over	0.04 inch and over	T. or more	0.01 inch or more melted	Hall			
																												0.01 inch and over	0.04 inch and over	
January	11.3	NW	36	NW	0	2	1	1	3	8	3	7	6	0	12	8	11	6	3	10	6	0	1	23	0	31	0	1		
February	11.7	NW	40	N.	1	3	3	4	7	2	2	2	5	0	7	10	12	8	6	10	7	0	0	3	16	0	29	0	0	
March	11.0	NE	44	NE	1	5	8	4	2	1	2	2	4	0	0	10	21	8	4	12	7	0	1	1	7	0	0	0	0	
April	13.9	NW	40	SE	1	4	0	2	7	4	2	1	10	0	6	9	15	17	14	6	1	1	1	1	1	0	0	26	4	0
May	12.5	NW	45	NW	1	5	4	2	1	1	4	4	6	0	9	10	12	12	9	4	2	1	0	0	0	0	0	3	0	0
June	10.0	W	55	W	2	1	0	3	3	4	3	4	4	0	5	14	11	12	9	0	0	0	0	0	0	0	0	10	0	0
July	9.4	NW	29	NW	0	5	4	0	3	4	6	4	4	0	12	13	6	10	3	0	0	1	0	0	0	0	0	0	0	0
August	9.9	N	57	S	3	7	3	0	5	3	3	3	3	0	10	12	9	16	11	0	0	0	1	0	0	3	0	15	0	0
September	10.8	SE	54	NW	1	4	1	2	10	4	0	4	5	0	10	7	13	9	8	0	0	1	0	0	0	0	0	3	0	0
October	11.3	SE	36	NW	0	2	2	1	10	10	2	2	4	0	14	5	12	7	7	0	0	0	1	0	0	0	0	9	4	2
November	12.6	NW	33	N	0	2	2	0	7	3	3	6	11	0	4	12	12	6	6	0	0	0	0	0	0	0	0	23	1	0
December	12.2	NW	40	NW	1	3	6	1	1	2	5	6	7	0	6	13	12	8	5	2	13	7	0	0	0	0	0	31	0	0
Year	11.4	NW	57	S	11	43	40	20	60	48	34	54	67	0	95	124	147	118	86	66	34	4	8	84	3	147	46	3		

MOBILE, ALA.

[H_b=57 ft.; h₁=125 ft.; h_r=119 ft.; h_a=161 ft.]

January	11.1	N.	40	N.	2	22	11	5	6	3	8	3	4	0	6	12	13	9	8	0	0	0	0	0	0	0	0	8	1	0
February	9.9	SW	44	SW	1	8	5	4	4	10	11	6	10	0	9	9	11	7	5	0	0	0	0	0	0	0	0	1	1	0
March	11.0	N.	36	S.	0	13	7	5	2	10	10	5	10	0	7	13	11	8	4	0	0	0	0	0	0	0	0	0	0	0
April	9.8	S.	38	SE	0	9	7	3	5	16	14	2	4	0	6	12	12	8	8	0	0	0	0	0	0	0	0	0	0	0
May	9.5	SW	28	NW	0	10	5	2	2	9	18	4	12	0	14	7	10	10	10	0	0	0	0	0	0	0	0	0	3	0
June	7.7	SW	56	NE	2	7	4	1	2	10	20	10	6	0	3	24	3	15	13	0	0	0	0	0	0	0	17	0	16	0
July	7.9	SW	38	NW	0	15	5	3	0	9	16	9	5	0	7	21	3	11	9	0	0	0	0	0	0	0	21	0	10	0
August	7.5	SW	35	SE	0	14	8	3	2	4	15	7	9	0	15	15	1	7	7	0	0	0	0	0	0	26	0	12	0	
September	10.3	N.	38	N.	0	15	10	3	5	3	1	4	4	0	11	14	5	6	4	0	0	0	0	0	0	0	4	0	3	0
October	8.6	NE	25	E.	0	21	21	7	1	6	6	0	0	0	18	8	5	3	2	0	0	0	2	0	0	0	0	0	0	
November	8.8	N.	29	NW	0	13	3	6	10	6	11	2	9	0	15	14	1	1	1	0	0	0	0	0	0	0	0	1	0	0
December	12.3	N.	38	N.	0	22	7	4	10	9	6	1	3	0	5	10	16	12	12	0	0	0	0	0	0	0	0	3	2	0
Year	9.5	N.	56	NE	5	173	98	53	47	97	138	50	76	0	116	159	91	97	81	0	0	0	25	0	68	15	53	0		

MODENA, UTAH

[H_b=5,479 ft.; h₁=10 ft.; h_r=2 ft.; h_a=43 ft.]

January	8.1	W.	43	SW	2	5	6	15	2	1	8	23	1	1	22	8	1	3	2	3	3	0	1	3	0	31	0	0	0	
February	9.1	W.	38	N.	0	3	7	9	1	1	12	22	3	0	17	8	4	3	1	2	2	0	0	0	0	0	29	2	0	
March	9.8	W.	50	N.	3	6	13	3	4	3	11	19	3	0	15	7	9	11	10	14	11	0	0	0	0	0	31	0	0	
April	11.8	W.	58	SW	2	8	7	4	4	2	14	18	3	0	18	8	4	3	2	4	1	3	0	0	0	18	3	0	0	
May	11.0	SW	54	NW	4	3	8	4	3	0	20	20	4	0	18	3	5	3	3	0	0	1	0	0	0	0	2	4	0	
June	12.9	SW	50	N.	7	1	1	2	2	1	32	19	2	0	25	5	9	0	0	0	0	0	0	0	0	0	0	0	1	0
July	11.9	SW	47	NW	2	4	1	0	2	8	23	21	3	0	19	10	2	7	5	0	0	1	0	0	0	0	7	0	11	0
August	12.4	SW	46	S.	5	0	1	3	0	1	34	21	2	0	27	3	1	3	2	0	0	0	0	0	0	0	0	0	0	0
September	9.7	SW	52	SW	6	3	3	6	5	7	14	18	2	0	21	8	11	1	1	0	0	0	0	0	0	0	1	7	5	0
October	11.3	W.	70	SW	5	1	1	12	1	4	12	22	4	0	18	8	5	2	2	2	1	1	0	0	0	0	25	1	0	
November	8.5	W.	39	N.	0	3	10	12	2	1	10	21	1	0	21	7	2	2	2	2	1	0	0	0	0	0	29	0	0	
December	9.1	W.	58	SW	1	5	14	4	0	1	10	23	5	0	15	10	6	8	6	10	8	0	0	11	0	0	31	0	0	
Year	10.5	W.	70	SW	37	42	72	76	26	30	204	248	33	1	236	90	40	46	36	37	27	6	1	15	25	203	30	0		

MONTGOMERY, ALA.

[H_b=223 ft.; h₁=100 ft.; h_r=71 ft.; h_a=112 ft.]

January	7.1	N.	35	W.	0	17	4	14	6	3	5	2	10	1	13	4	14	9	8	1	0	0	1	1	0	12	0	0	0
February	7.3	NW	24	E.	0	6	7	6	6	6	9	7	11	0	14	3	12	5	7	1	0	0	1	0	0	0	4	3	0
March	7.8	NW	23	NW	0	6	11	4	3	6	10	8	6	0	10	7	14	11	5	3	2	0	0	0	0	0	3	4	0
April	6.6	SW	32	SW	0	6	5	10	8	6	16	0	9	0	8	9	13	10	8	0	0	1	0	0	0	0	0	6	0
May	6.5	SW	23	N.	0	6	2	3	4	7	17	7	16	0	13	10	5	9	8	0	0	0	0	0	0	1	0	6	0
June	6.2	SW	35	W.	0	3	8	5	7	7	16	10	4	0	2	21	7	14	12	0	0	0	0	0	0	18	0	17	0
July	5.1	SE	33	NW	0	14	3	4	15	4	8	9	5	0	12	14	5	10	8	0	0	0	0	0	0	18	0	13	0
August	5.0	S.	30	N.	0	6	4	8	10	11	9	8	8	0	15	12	4	11	8	0	0	0	0	0	0	24	0	12	0
September	6.7	NE	28	N.	0	8	19	12	9	1	3	3	5	0	9	11	10	11	8	0	0	0	0	0	0	4	0	4	0
October	5.6	NE	20	E.	0	3	30	16																					

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

MOORHEAD, MINN.

[φ=46° 52' N.; λ=96° 44' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Ex-tremes), Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include months from January to December and a Year total.

NANTUCKET, MASS.

[φ=41° 17' N.; λ=70° 06' W.]

Table with columns for months and various meteorological data points for Nantucket, Mass. Rows include months from January to December and a Year total.

NASHVILLE, TENN.

[φ=36° 10' N.; λ=86° 47' W.]

Table with columns for months and various meteorological data points for Nashville, Tenn. Rows include months from January to December and a Year total.

NEW HAVEN, CONN.

[φ=41° 18' N.; λ=72° 56' W.]

Table with columns for months and various meteorological data points for New Haven, Conn. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

MOORHEAD, MINN.

[H₀=940 ft.; h₁=50 ft.; h₂=43 ft.; h₃=38 ft.]

Month	Wind													Number of days															
	By self-register			Number of winds, 8 a. m. and 8 p. m.										Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.	Minimum temperature 3 ²⁵ or below	Elec- tricity							
	Average hourly ve- locity	Preval- ling direc- tion	Maximum velocity	Direction at time of maximum velocity	Days with 40 miles and over								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				
					North	Northeast	East	Southeast	South	Southwest	West	Northwest														Calm			
January	8.5	N.	29	S.	0	15	1	1	4	7	13	9	11	1	13	6	12	6	2	11	6	0	3	25	0	31	0	1	
February	8.6	S.	29	NW	0	13	4	5	10	11	5	2	8	0	16	2	11	5	2	6	5	0	0	15	0	29	0	0	
March	7.5	N.	33	NW	0	17	16	2	4	2	1	5	15	0	10	11	10	7	3	10	6	0	0	1	11	0	30	0	0
April	10.6	NW	42	SE.	1	13	4	5	9	9	1	5	14	0	5	15	10	14	9	4	3	0	1	0	0	16	4	0	
May	9.2	N.	34	NW	0	23	9	2	0	1	4	7	15	1	10	15	6	10	5	3	3	0	0	0	0	10	0	0	
June	7.4	SW	23	NW	0	13	4	3	5	10	6	10	9	0	10	13	7	11	9	0	0	0	0	0	0	0	6	0	
July	7.4	SW	23	NW	0	13	4	3	6	13	10	5	8	0	21	8	2	9	6	0	0	0	1	0	1	0	5	0	
August	7.7	NW	28	E.	0	14	3	2	11	13	4	5	10	0	19	11	1	9	8	0	0	1	0	0	2	0	9	0	
September	8.3	S.	28	SE.	0	14	0	0	11	20	1	2	9	3	14	5	11	7	7	0	0	0	0	0	0	0	1	1	
October	9.0	SW	31	SW	0	5	3	3	17	19	2	5	7	1	20	5	6	6	6	0	0	0	0	2	0	0	3	3	
November	9.7	NW	33	SE.	0	10	5	0	5	8	7	5	18	2	6	11	13	8	3	8	7	0	0	0	12	0	27	0	
December	8.6	N.	28	NW	0	13	4	1	1	7	8	9	18	1	10	7	14	8	4	10	7	0	0	0	8	0	31	0	
Year	8.5	N.	42	SE.	1	163	57	27	83	120	62	69	142	9	154	109	103	100	64	52	37	1	8	91	3	175	28	5	

NANTUCKET, MASS.

[H₀=12 ft.; h₁=14 ft.; h₂=4 ft.; h₃=90 ft.]

January	19.5	SW	57	SE.	11	1	3	4	4	5	15	12	18	0	6	12	13	8	8	9	2	0	4	3	0	21	0	0
February	15.2	NW	58	SE.	2	9	7	6	0	2	3	16	15	0	10	6	13	7	4	4	10	5	0	2	12	0	27	0
March	18.6	NW	72	NE.	6	9	11	3	2	3	3	16	15	0	16	3	12	9	9	4	4	0	5	0	0	16	1	0
April	18.6	SW	60	SW.	8	3	8	1	13	0	14	16	5	0	10	11	9	11	9	0	0	0	1	0	0	0	2	0
May	17.1	SW	48	SE.	3	2	12	4	7	7	21	5	4	0	9	11	11	13	9	0	0	0	12	0	0	0	1	0
June	13.0	SW	42	N.	1	4	12	1	6	9	20	4	4	0	10	7	13	10	10	0	0	0	20	0	0	0	2	0
July	13.0	SW	42	SW.	1	0	11	6	4	6	30	10	1	0	11	11	9	9	7	0	0	0	15	0	0	0	0	0
August	13.2	SW	60	NW.	2	2	9	1	7	9	18	7	5	0	15	8	8	9	9	7	0	0	0	0	0	0	5	0
September	15.3	NE	57	N.	4	3	15	5	12	3	13	7	2	0	10	9	11	9	7	0	0	0	2	0	0	0	1	0
October	15.3	N.	48	N.	3	13	12	1	0	2	14	10	10	0	17	10	4	3	1	0	0	0	0	0	0	0	0	0
November	17.1	NW	51	W.	7	3	7	0	4	5	16	11	14	0	9	11	10	8	6	0	0	0	1	1	0	0	4	1
December	16.2	NW	48	W.	6	5	1	1	2	4	10	19	20	0	5	5	21	11	8	7	2	0	3	6	0	23	0	
Year	16.1	SW	72	NE.	54	58	108	27	61	55	177	133	113	0	128	104	134	107	85	36	13	0	75	22	0	91	17	0

NASHVILLE, TENN.

[H₀=546 ft.; h₁=168 ft.; h₂=161 ft.; h₃=191 ft.]

January	9.6	NW	40	W.	1	1	2	8	14	11	4	6	16	0	13	7	11	10	9	4	1	0	1	6	0	25	0	0
February	9.3	NW	40	SE.	1	10	6	4	5	5	4	13	10	0	8	5	16	11	9	7	1	0	0	0	3	0	15	1
March	11.9	NW	46	SW.	2	8	7	5	3	7	3	6	23	0	10	6	15	12	6	8	3	0	0	0	0	0	11	1
April	10.7	S.	51	NW.	3	4	5	8	8	11	11	6	7	0	13	7	10	10	9	0	0	0	0	0	0	2	5	0
May	9.2	W.	48	NW.	2	5	1	4	6	12	15	17	0	12	8	11	15	14	0	0	0	0	0	0	0	0	11	0
June	7.5	SW	34	NW.	0	3	4	3	4	6	10	19	11	0	8	18	6	8	5	0	0	0	0	0	0	7	0	
July	6.0	NW	36	NW.	0	12	6	6	2	3	10	6	17	0	16	10	5	8	7	0	0	0	0	0	10	0	10	0
August	6.8	W.	38	NW.	0	9	4	3	2	8	12	13	11	0	20	7	4	7	6	0	0	1	0	0	18	0	5	0
September	9.8	NW	36	S.	0	5	11	10	5	7	1	2	19	0	13	8	9	12	9	0	0	0	0	0	0	0	3	0
October	7.1	NE.	29	NE.	0	14	19	2	9	8	1	3	6	0	23	6	2	2	0	0	0	0	0	0	0	0	1	0
November	9.1	S.	36	NW.	0	1	8	3	7	14	4	12	11	0	12	9	9	6	4	0	0	0	0	3	0	0	6	1
December	10.4	S.	44	SE.	1	6	10	5	7	12	6	6	10	0	10	6	15	11	10	7	0	1	0	4	0	18	3	0
Year	9.0	NW	51	NW.	10	75	87	58	70	99	78	107	158	0	156	97	113	112	88	26	5	2	7	13	35	77	47	0

NEW HAVEN, CONN.

[H₀=106 ft.; h₁=74 ft.; h₂=68 ft.; h₃=153 ft.]

January	11.1	SW	52	S.	2	15	6	1	3	5	17	10	5	0	13	8	10	7	7	7	4	0	1	6	0	25	0	0
February	9.4	NE.	33	NW.	0	18	14	1	1	2	5	9	8	0	16	4	9	9	5	10	8	0	1	11	0	0	28	1
March	11.7	N.	58	N.	2	17	17	0	2	3	4	6	12	1	18	3	10	8	7	8	2	0	0	0	0	0	16	1
April	10.7	N.	37	SE.	0	9	14	3	6	4	12	6	6	0	12	8	10	12	9	3	2	0	0	0	0	3	2	0
May	10.5	NE.	37	SW.	0	3	13	2	6	5	14	11	8	0	10	9	12	18	12	0	0	0	0	0	0	0	3	2
June	7.4	S.	35	N.	0	5	8	1	13	9	16	2	6	0	9	12	9	11	7	0	0	0	0	0	0	0	0	0
July	8.1	SW	27	SW.	0	5	7	1	4	12	17	9	7	0	17	3	11	6	5	0	0	0	0	0	0	0	1	0
August	8.3	SW	44	NE.	1	7	12	0	2	10	25	4	2	0	13	10	8	9	8	0	0	0	0	0	0	2	0	7
September	9.2	NE.	48	S.	1	7	17	4	3	10	7	7	5	1	10	10	10	11	8	0	0	0	0	0	0	0	3	0
October	8.3	N.	30	NE.	0	22	9	1	1	2	6	8	12	1	21	10	0	2	2	0	0	0	1	0	0	1	0	0
November	10.3	SW	42	SE.	1	7	9	1	5	3	13	14	8	0	18	5	7	7	4	3	0	0	0	0	2	0	0	0
December	8.3	W.	37	W.	0	6	10	1	1																			

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Annual meteorological summary for the year ending December 31, 1924—Continued

NEW ORLEANS, LA.

[φ=29° 57' N.; λ=90° 04' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

NEW YORK, N. Y.

[φ=40° 43' N.; λ=74° 00' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

NORFOLK, VA.

[φ=36° 51' N.; λ=76° 17' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

NORTHFIELD, VT.

[φ=44° 10' N.; λ=72° 41' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

Annual meteorological summary for the year ending December 31, 1924—Continued

NORTH HEAD, WASH.
[φ=46° 16' N.; λ=124° 04' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly and yearly data for North Head, Wash.

NORTH PLATTE, NEBR.

[φ=41° 08' N.; λ=100° 45' W.]

Table with columns for Month and various meteorological data points. Rows include monthly and yearly data for North Platte, Nebr.

OKLAHOMA CITY, OKLA.

[φ=35° 26' N.; λ=97° 33' W.]

Table with columns for Month and various meteorological data points. Rows include monthly and yearly data for Oklahoma City, Okla.

OMAHA, NEBR.

[φ=41° 16' N.; λ=95° 56' W.]

Table with columns for Month and various meteorological data points. Rows include monthly and yearly data for Omaha, Nebr.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

NORTH HEAD, WASH.

[H_b=211 ft.; h_c=11 ft.; h_r=3 ft.; h_s=56 ft.]

Month	Wind													Number of days														
	By self-register				Number of winds, 8 a. m. and 8 p. m.									Partly cloudy	Cloudy	Precipitation		Snow		Dense fog	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	0.01 inch and over	0.04 inch and over		T. or more	0.01 inch or more melted		Hail	32° or below	90° or above	Thunderstorms	Auroras
	Miles		Mi.																									
January	20.2	E.	75	S.	11	1	2	22	12	10	3	4	8	0	4	3	24	24	22	1	1	0	1	1	0	2	0	0
February	18.7	S.	74	S.	15	5	0	8	10	20	7	4	3	1	5	17	17	24	19	0	0	0	0	0	0	0	0	0
March	13.8	NW.	60	NW.	5	15	1	10	3	4	1	7	7	20	1	8	16	19	15	1	1	1	1	1	1	1	1	1
April	17.1	NW.	46	NW.	6	15	2	4	4	10	3	4	7	0	2	5	23	14	10	0	0	1	1	1	1	1	1	1
May	15.8	S.	51	NW.	4	25	4	1	3	5	4	4	4	16	0	1	3	7	3	0	0	0	0	0	0	0	0	0
June	17.0	N.	48	N.	6	16	2	0	2	10	3	3	24	0	3	5	22	8	4	0	0	0	0	0	0	0	0	0
July	14.8	N.	44	NW.	1	25	0	0	1	13	1	3	19	0	7	7	19	7	3	0	0	0	5	0	0	0	0	0
August	13.8	N.	54	S.	2	27	0	0	1	8	2	5	18	1	1	2	23	14	8	0	0	0	2	0	0	0	0	0
September	17.3	N.	70	S.	5	19	2	6	5	13	3	2	10	0	6	6	17	13	8	0	0	1	6	0	0	0	1	0
October	20.9	E.	83	S.	16	5	3	4	9	23	5	5	5	2	1	7	21	19	9	0	0	1	1	0	0	0	0	1
November	18.2	E.	72	S.	16	1	1	17	9	9	12	5	5	0	6	5	19	13	9	0	0	0	0	0	0	0	0	1
December	17.3	E.	56	S.	12	3	2	24	11	11	5	4	2	0	6	3	22	21	21	2	2	0	5	5	0	11	0	0
Year	17.1	N.	83	S.	99	157	19	96	70	136	49	54	145	6	52	64	250	191	149	4	4	8	28	6	0	13	4	0

NORTH PLATTE, NEBR.

[H_b=2,821 ft.; h_c=11 ft.; h_r=3 ft.; h_s=51 ft.]

January	6.3	W.	32	N.	0	14	2	1	4	3	3	15	18	2	15	10	6	1	1	8	1	0	0	13	0	31	0	0	
February	7.9	N.	42	N.	1	14	3	4	5	3	7	11	11	0	15	2	12	5	3	5	0	0	0	0	6	0	20	0	0
March	7.4	N.	36	N.	0	15	5	8	10	4	5	7	8	0	6	9	16	16	13	26	15	0	0	0	0	0	31	0	0
April	9.8	N.	36	N.	0	17	6	0	3	10	3	14	7	0	15	7	8	6	1	4	2	0	0	0	0	0	10	1	0
May	8.1	N.	31	NW.	0	14	5	6	4	5	3	12	12	1	14	4	13	11	7	7	0	0	0	2	0	1	2	4	0
June	7.6	E.	38	N.	0	6	11	9	15	7	3	5	3	1	15	9	6	9	6	0	0	0	0	1	0	2	0	9	0
July	6.5	E.	37	W.	0	9	7	14	17	10	0	2	2	1	18	10	3	6	3	0	0	1	0	0	10	0	7	0	0
August	6.1	SE.	25	S.	0	5	11	9	19	7	4	4	1	2	21	6	4	8	3	0	0	2	0	0	12	0	10	0	0
September	6.7	SE.	25	SE.	0	6	7	9	19	4	1	6	6	2	12	11	7	9	6	0	0	1	0	0	2	1	1	1	0
October	7.4	SE.	39	S.	0	2	3	3	19	13	4	10	7	1	16	6	9	5	5	0	0	0	0	0	0	0	2	0	0
November	7.6	NW.	40	NW.	1	6	6	2	3	6	3	11	22	1	15	7	8	4	1	7	4	0	0	1	0	0	0	0	0
December	7.3	W.	28	N.	0	9	11	1	3	2	2	22	9	3	11	4	16	9	7	14	9	0	0	18	0	30	0	0	0
Year	7.4	N.	42	N.	2	117	77	66	121	74	38	119	106	14	173	85	108	80	55	59	36	1	7	47	27	159	34	0	0

OKLAHOMA CITY, OKLA.

[H_b=1,214 ft.; h_c=10 ft.; h_r=3 ft.; h_s=47 ft.]

January	11.7	S.	28	N.	0	16	0	2	6	23	4	3	7	1	19	2	10	4	2	4	2	0	0	2	10	0	29	0	0
February	10.3	N.	40	NW.	1	24	2	1	3	11	3	6	7	1	11	4	14	4	3	2	1	0	0	0	3	0	26	0	0
March	11.4	N.	40	W.	2	21	5	8	7	7	2	3	9	0	13	5	12	11	10	7	7	11	2	1	0	14	2	0	0
April	11.2	S.	58	N.	1	10	5	1	7	23	5	1	8	0	11	10	9	7	6	0	0	1	0	0	0	1	0	6	0
May	9.9	S.	37	N.	0	19	7	3	6	14	4	2	7	0	8	14	9	7	6	0	0	0	0	0	0	0	0	7	0
June	11.6	S.	36	NW.	0	4	6	3	8	34	2	1	2	0	9	19	2	7	6	0	0	0	0	0	0	19	0	9	0
July	8.9	S.	31	S.	0	5	7	10	11	28	1	0	0	0	8	14	9	11	6	0	0	0	0	0	0	0	0	7	0
August	9.7	S.	32	SE.	0	3	6	6	7	36	3	0	1	0	10	13	8	9	7	0	0	0	0	0	0	0	0	11	0
September	9.7	S.	33	W.	0	10	11	4	14	15	2	0	3	1	19	7	4	6	5	0	0	0	0	0	0	0	0	0	0
October	9.6	S.	34	S.	0	2	6	4	17	27	2	1	3	0	19	8	4	2	2	0	0	0	0	0	0	0	0	0	0
November	10.8	S.	34	NW.	0	13	2	1	3	24	4	4	4	0	16	10	4	4	4	0	0	1	0	0	0	0	4	2	0
December	10.1	N.	30	W.	0	18	4	4	4	17	6	5	4	0	11	6	14	5	4	3	0	0	2	11	0	22	2	0	
Year	10.4	S.	59	W.	4	145	61	47	93	259	38	26	00	3	154	112	100	77	61	16	10	3	6	21	71	78	52	0	0

OMAHA, NEBR.

[H_b=1,105 ft.; h_c=115 ft.; h_r=107 ft.; h_s=122 ft.]

January	8.4	NW.	38	NW.	0	7	2	1	5	18	6	3	19	1	14	11	6	7	3	10	6	0	2	18	0	29	0	0	
February	9.7	NW.	44	N.	1	8	7	3	8	7	5	1	16	3	14	5	10	8	3	10	10	0	0	0	12	0	24	0	0
March	9.4	NW.	33	NW.	0	13	11	5	2	1	6	1	23	0	6	8	17	11	4	17	17	8	1	0	0	0	0	0	0
April	9.2	NW.	38	N.	0	5	6	0	5	15	8	3	13	0	10	14	6	7	6	0	0	0	0	0	0	0	1	3	0
May	9.1	NW.	37	NW.	0	11	3	1	3	5	6	25	2	9	8	14	14	7	1	0	0	0	0	0	0	0	0	8	0
June	7.8	SE.	42	NW.	5	9	8	9	10	5	9	1	9	0	5	19	6	18	15	0	0	28	1	0	1	0	19	0	
July	6.3	S.	42	NW.	1	10	8	7	7	13	2	1	9	5	14	15	2	12	10	0	0	1	0	0	0	3	0	12	0
August	6.8	SE.	44	NW.	3	10	8	7	12	13	4	1	6	1	12	13	6	10	7	0	0	1	0	0	0	10	0	8	0
September	7.4	SE.	31	NW.	0	4	6	11	5	12	3	4	12	3	14	7	9	5	5	0	0	0	0	0	0	0	0	4	0
October	6.0	S.	30	NW.	0	4	2	7	9	27	5	4	3	1	13	12	6	5	4	0	0	2	0	0	0	0	0	5	0
November	9.1	NW.	44	NW.	1	8																							

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

OSWEGO, N. Y.

[φ=43° 29' N.; λ=76° 35' W.]

Month	Pressure		Temperature								Moisture															
	Extremes		Mean						Extremes		Dew point	Relative humidity		Vapor pressure		Precipitation		Cloudiness								
	Monthly mean	In.	In.	8 a. m.	Noon, local time	8 p. m.	Maximum	Minimum	Monthly	Maximum		Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight		
											In.														In.	In.
January	29.714	30.293	28.829	24.726	3.226	2.32	9.17	2.25	0	55	-16	21	21	20	83	78	78	0.117	0.116	0.118	2.88	0.79	9.3	8.3	8.4	8.7
February	29.706	30.390	29.150	17.321	5.21	8.25	9.12	6.19	2	34	-1	15	18	18	91	84	84	0.069	0.097	0.097	1.79	0.57	8.0	7.3	7.1	7.4
March	29.483	30.880	29.900	30.432	6.32	9.36	0.27	0.31	5	46	16	26	26	27	80	74	78	0.139	0.140	0.147	4.49	1.38	7.4	7.3	5.3	7.0
April	29.584	30.000	29.040	39.543	8.42	6.47	7.55	0.41	4	64	22	33	34	34	77	69	73	0.139	0.198	0.198	4.34	1.90	6.2	6.5	5.1	6.1
May	29.455	29.760	28.980	47.950	0.49	7.55	5.41	9.43	7	71	35	39	40	39	72	69	68	0.243	0.253	0.245	4.10	1.01	7.3	7.4	6.4	6.9
June	29.559	29.826	29.140	50.983	4.62	1.69	2.55	2.80	7	84	44	51	51	51	74	66	63	0.332	0.333	0.336	4.13	1.46	5.8	6.6	5.5	5.7
July	29.600	29.870	29.100	65.269	0.98	5.74	1.59	3.66	7	87	50	57	56	57	75	64	60	0.467	0.467	0.482	2.43	0.60	4.7	4.1	4.8	4.1
August	29.599	29.903	29.300	65.570	8.68	7.74	0.69	0.67	4	92	51	58	58	60	73	65	73	0.490	0.496	0.520	2.05	0.72	6.1	4.8	4.9	4.9
September	29.684	30.170	29.244	56.862	1.59	3.65	2.50	8.58	0	80	39	49	49	49	77	64	70	0.361	0.359	0.356	5.55	2.17	7.0	6.3	5.6	6.0
October	29.829	30.101	29.380	47.154	9.51	9.58	6.42	1.50	4	76	32	40	41	43	77	61	73	0.252	0.269	0.283	1.18	0.22	5.2	3.9	2.9	4.1
November	29.638	30.170	29.030	38.143	5.40	4.46	4.32	7.39	6	71	13	31	32	29	76	64	65	0.183	0.185	0.169	1.68	0.52	7.0	7.3	6.9	7.0
December	29.733	30.330	28.728	24.326	4.25	0.31	5.17	1.24	3	59	-4	20	22	20	82	80	81	0.114	0.124	0.120	1.71	0.42	9.5	8.9	7.9	8.7
Year	29.633	30.390	28.728	43.147	1.45	8.51	5.37	6.44	4	92	-16	37	37	37	78	70	73	0.252	0.257	0.260	31.33	2.17	7.0	6.6	5.9	6.4

PALESTINE, TEX.

[φ=31° 45' N.; λ=95° 40' W.]

January	29.699	30.390	29.120	36.547	8.47	0.52	8.33	9.43	4	73	16	31	35	37	80	63	70	0.187	0.224	0.238	3.91	1.71	5.1	4.4	5.0	5.1
February	29.605	30.090	28.990	43.852	1.52	7.57	1.41	1.49	1	78	26	36	39	40	75	63	64	0.228	0.254	0.261	3.97	1.63	6.1	6.6	6.6	6.5
March	29.429	29.810	28.860	47.056	8.57	3.61	5.44	4.53	0	81	28	40	44	45	77	64	66	0.267	0.309	0.314	4.31	2.29	6.1	5.6	5.5	5.5
April	29.429	29.890	29.100	58.069	3.70	3.74	9.55	5.65	2	86	36	52	54	54	61	62	61	0.413	0.442	0.464	2.66	1.80	6.6	6.2	4.1	5.7
May	29.410	29.700	29.178	62.774	0.73	2.77	9.59	5.68	7	89	47	56	56	58	84	67	61	0.492	0.478	0.501	4.71	1.77	5.5	5.1	5.1	5.3
June	29.422	29.580	29.210	73.984	7.85	1.89	0.71	6.80	3	94	61	70	68	69	69	68	60	0.725	0.676	0.720	2.68	1.34	5.3	4.3	2.1	4.0
July	29.485	29.670	29.290	73.486	9.88	7.91	9.71	8.81	8	90	60	67	64	64	82	46	44	0.686	0.603	0.600	0.07	0.07	3.8	3.6	2.7	3.6
August	29.429	29.570	29.250	75.990	3.90	8.96	0.74	7.85	4	102	69	71	66	66	85	45	45	0.758	0.640	0.631	0.55	0.28	4.5	4.0	4.5	4.4
September	29.465	29.780	29.150	67.180	5.78	7.85	2.64	9.75	0	87	49	61	59	59	80	52	55	0.550	0.529	0.523	4.49	1.94	3.7	3.8	2.8	3.4
October	29.569	29.930	29.349	59.777	7.73	9.81	0.58	2.69	6	80	42	51	50	50	74	39	44	0.408	0.395	0.395	3.18	0.22	5.2	3.9	2.9	2.0
November	29.625	29.940	29.196	52.366	9.64	6.71	7.49	7.60	7	84	36	47	46	46	81	60	59	0.846	0.337	0.343	1.49	1.40	4.0	4.0	2.2	3.8
December	29.647	30.250	29.100	43.451	6.50	7.56	9.39	3.48	1	82	16	36	35	36	74	55	58	0.265	0.248	0.252	1.77	1.05	6.3	6.1	5.4	6.1
Year	29.518	30.390	28.860	57.869	9.80	4.74	7.55	4.65	0	102	16	52	51	52	80	54	57	0.443	0.428	0.437	30.91	2.29	5.0	4.6	3.9	4.6

PARKERSBURG, W. VA.

[φ=39° 16' N.; λ=81° 36' W.]

January	29.588	30.120	28.750	25.732	5.31	2.39	4.21	0.30	2	59	-1	21	25	25	82	78	78	0.121	0.144	0.146	4.70	1.83	6.3	6.6	3.6	6.8
February	29.442	29.946	28.780	28.835	3.34	3.40	1.26	7.33	4	68	15	25	27	27	84	70	75	0.184	0.146	0.153	3.07	1.62	7.4	6.6	6.6	7.7
March	29.245	29.595	28.510	34.542	7.41	1.47	7.32	2.40	0	81	24	29	28	30	80	58	68	0.162	0.161	0.173	3.37	1.24	7.3	6.7	6.8	7.0
April	29.336	29.751	28.670	46.458	8.57	0.64	9.42	2.53	6	82	28	36	37	38	67	48	52	0.217	0.234	0.238	3.24	1.01	6.7	6.1	5.3	6.1
May	29.237	29.459	28.550	53.261	5.59	6.67	3.48	1.57	7	90	36	44	47	47	73	68	66	0.398	0.395	0.381	4.05	1.40	5.9	6.8	6.2	6.5
June	29.207	29.493	29.050	65.978	3.73	6.81	0.60	9.71	0	95	49	58	59	61	77	56	67	0.499	0.519	0.566	3.26	0.93	5.9	5.9	4.4	5.6
July	29.300	29.580	29.100	66.178	2.75	1.83	5.61	7.72	6	93	52	58	58	61	77	50	64	0.494	0.506	0.554	3.75	1.09	5.1	5.1	3.4	4.6
August	29.373	29.580	29.150	67.280	6.77	3.85	6.64	3.74	9	95	50	61	61	63	80	52	62	0.542	0.553	0.583	1.44	0.41	3.7	4.9	3.3	4.6
September	29.438	29.730	29.160	57.167	0.63	4.71	8.53	7.62	8	91	42	52	50	54	82	58	72	0.397	0.391	0.427	5.28	2.17	6.1	6.6	5.4	6.8
October	29.595	29.930	29.350	46.366	0.58	3.70	9.44	2.57	6	81	30	42	42	46	85	43	55	0.273	0.277	0.329	0.25	1.18	2.4	3.0	8.8	3.8
November	29.474	29.850	28.910	39.448	9.44	6.53	0.36	3.44	0	75	22	31	33	34	74	55	69	0.181	0.194	0.212	1.67	0.80	5.5	6.5	4.8	7.2
December	29.556	30.180	28.750	29.936	6.34	8.42	2.25	0.33	6	72	4	22	26	25	73	64	66	0.142	0.172	0.156	2.49	0.66	7.2	7.1	5.8	7.5
Year	29.413	30.180	28.510	46.757	1.54	2.62	3.43	0.52	7	98	-1	40	41	43	78	68	67	0.286	0.302	0.321	36.56	2.17	5.6	6.2	4.6	6.2

PENSACOLA, FLA.

[φ=30° 25' N.; λ=87° 13' W.]

January	30.162	30.710	29.510	43.950	6.50	7.57	4.29	7.48	6	69	14	35	36	40	73	80	70	0.344	0.255	0.281	7.93	2.99	6.2	6.8	5.5	6.4
February	30.651	30.450	29.470	49.055	9.54	8.59	9.46	1.53	0	72	34	42	46	47	61	73	73	0.289	0.287	0.304	3.34	1.33	8.4	8.0	6.8	8.3
March	29.899	30.190	29.334	51.758	1.57	8.52	2.49	7.59	0	74	31	45	46	50	79	66	77	0.332	0.340	0.387	2.87	1.51	8.0	8.5	6.5	5.1
April	29.861	30.270	29.630	62.958	1.66	6.71	1.60	7.65	9	83	40	58	58</													

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

OSWEGO, N. Y.

[H_b=335 ft.; h₁=76 ft.; h₂=68 ft.; h₃=91 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	Minimum temperature 32° or below	Thunderstorms	Auroras
	Miles	°	Mi.																										
January	11.6	S.	48	SW.	3	0	2	1	3	22	18	7	9	0	1	6	24	21	18	24	16	0	0	0	12	0	28	0	0
February	12.1	NW.	37	NW.	0	7	11	13	9	13	6	3	10	0	0	6	3	20	12	8	22	11	0	0	23	0	0	0	0
March	10.4	W.	42	NE.	1	6	9	5	4	9	8	19	0	0	7	6	18	7	3	15	3	0	0	0	9	0	27	1	0
April	7.4	W.	30	NW.	0	3	6	6	10	10	10	13	12	0	8	7	15	13	11	4	3	0	0	1	5	0	0	0	0
May	7.7	W.	34	S.	0	1	7	1	9	10	6	20	8	0	4	13	14	13	11	2	0	0	0	3	0	0	1	0	0
June	7.7	W.	40	SW.	1	6	3	3	3	17	9	17	4	0	1	11	12	12	11	0	0	0	0	2	0	0	0	0	0
July	10.7	SW.	27	NW.	0	4	2	5	4	14	11	14	8	0	16	7	8	13	11	0	0	0	0	0	0	0	0	4	0
August	8.6	SW.	23	NE.	0	3	6	6	2	14	14	7	10	0	28	28	13	13	11	0	0	0	0	0	0	0	0	1	0
September	7.7	SW.	30	SW.	0	3	8	3	9	9	12	10	6	0	14	8	9	5	2	2	1	0	0	1	0	1	0	0	0
October	7.7	S.	40	NW.	1	1	1	0	0	16	17	10	6	9	5	8	17	11	7	8	3	0	0	4	0	12	0	0	0
November	7.7	S.	43	NW.	1	3	3	2	10	17	8	3	16	0	2	2	27	16	12	20	10	0	2	16	0	28	0	0	0
December	7.7	S.	48	SW.	7	44	64	26	101	156	103	119	117	3	90	89	187	142	112	97	47	0	8	65	1	130	15	0	0
Year		S.	48	SW.	7	44	64	26	101	156	103	119	117	3	90	89	187	142	112	97	47	0	8	65	1	130	15	0	0

PALESTINE, TEX.

[H_b=510 ft.; h₁=64 ft.; h₂=57 ft.; h₃=72 ft.]

January	8.1	N.	26	S.	0	12	9	6	7	12	6	5	5	0	12	11	8	8	7	0	0	0	4	1	0	18	2	0	0
February	8.3	NW.	30	NW.	0	13	11	5	2	10	4	5	8	0	9	4	16	8	7	2	2	0	1	0	0	0	3	2	0
March	8.6	N.	39	W.	0	16	6	7	5	14	5	3	6	0	11	7	13	7	7	1	0	0	1	0	0	2	2	0	0
April	7.7	S.	32	NW.	0	8	8	5	3	23	7	2	4	0	7	14	9	6	5	0	0	0	1	0	0	0	0	5	0
May	7.0	S.	29	NE.	0	15	11	2	1	20	12	0	1	0	9	13	9	11	8	0	0	0	0	0	0	0	0	7	0
June	7.0	S.	24	S.	0	3	4	1	2	35	13	0	2	0	16	10	4	4	3	0	0	0	0	0	0	20	0	1	0
July	7.0	SW.	22	SW.	0	2	11	5	1	21	20	2	0	0	14	16	1	1	1	0	0	0	0	0	0	0	0	0	0
August	7.1	NE.	30	NE.	0	2	8	3	5	19	23	3	0	0	9	19	3	3	3	0	0	0	0	0	0	30	0	8	0
September	7.4	NE.	30	N.	0	8	23	8	2	13	4	1	0	1	15	10	5	4	4	0	0	0	0	0	0	10	0	2	0
October	7.4	N.	24	SW.	0	3	21	16	3	16	0	2	1	0	24	6	1	1	1	0	0	0	0	0	0	1	0	0	0
November	7.5	N.	27	S.	0	17	7	2	4	16	7	4	2	1	13	12	5	5	2	0	0	0	3	0	0	0	0	1	0
December	8.8	N.	30	SW.	0	14	10	6	7	12	7	3	3	0	9	8	14	8	3	1	0	0	1	2	0	10	2	0	0
Year	7.8	S.	39	W.	0	113	129	66	42	211	107	30	32	2	148	130	88	66	51	4	2	0	11	3	85	33	32	0	0

PARKERSBURG, W. VA.

[H_b=637 ft.; h₁=77 ft.; h₂=68 ft.; h₃=82 ft.]

January	7.1	SW.	35	NW.	0	1	3	0	12	8	19	14	5	0	7	8	16	11	9	9	3	0	0	0	0	27	0	0	0	
February	6.3	SW.	30	NW.	0	7	8	1	9	11	14	9	9	0	4	6	19	11	8	12	8	0	0	0	6	0	23	1	0	
March	7.1	NW.	33	W.	0	7	4	0	6	3	11	14	17	0	6	7	15	12	11	8	3	0	0	1	0	16	2	0	0	
April	6.3	SW.	46	NW.	2	10	6	1	8	5	12	7	11	0	9	7	14	12	10	2	1	1	1	0	0	0	3	3	0	
May	5.5	SW.	32	W.	0	4	0	0	13	9	18	6	10	2	8	6	17	18	14	0	0	0	0	0	0	2	0	0	8	0
June	4.5	S.	36	NW.	0	10	4	2	9	13	8	5	9	0	6	10	11	10	8	0	0	0	0	0	0	0	0	0	0	0
July	3.5	SE.	45	W.	1	6	3	2	14	8	11	6	12	0	14	9	8	13	10	0	0	2	1	0	0	3	0	9	0	
August	4.1	S.	26	NW.	0	12	3	5	11	15	4	3	9	0	13	10	8	8	7	0	0	0	0	0	2	0	0	0	0	
September	4.8	N.	24	NW.	0	15	3	3	14	2	4	7	11	1	7	9	14	13	13	0	0	0	2	0	1	0	0	3	0	
October	2.7	SE.	22	NW.	0	12	3	3	15	6	5	6	7	5	21	6	4	2	2	0	0	0	7	0	0	0	2	0	0	
November	6.0	SW.	30	NW.	0	3	3	2	16	8	18	3	7	0	5	8	17	10	8	5	3	0	1	1	0	12	0	0	0	
December	6.8	SW.	31	W.	0	4	5	1	12	8	15	11	6	0	4	8	19	13	9	6	2	1	0	8	0	22	1	0	0	
Year	5.4	SW.	46	NW.	3	91	45	20	139	86	139	91	113	8	107	94	165	133	109	42	20	4	16	23	16	105	39	0	0	

PENSACOLA, FLA.

[H_b=56 ft.; h₁=149 ft.; h₂=131 ft.; h₃=185 ft.]

January	14.4	NE.	65	NW.	3	14	16	15	3	4	3	4	3	0	10	4	17	9	7	0	0	0	3	0	0	6	1	0	0
February	13.7	N.	49	SW.	2	14	4	6	2	4	10	9	9	0	10	7	12	6	5	0	0	0	1	0	0	0	0	1	0
March	14.8	N.	73	S.	3	12	5	9	7	8	5	8	8	0	12	6	13	10	8	0	0	0	3	0	0	0	1	2	0
April	12.8	SW.	47	SW.	2	7	7	5	3	14	12	9	3	0	5	10	15	7	7	0	0	0	2	0	0	0	0	5	0
May	12.5	SW.	37	SW.	0	13	4	4	2	6	16	13	4	0	12	10	9	8	5	0	0	0	0	0	0	0	0	2	0
June	6.9	SW.	48	E.	4	6	5	4	3	4	12	12	0	1	18	11	14	14	0	0	0	0	0	0	0	0	22	0	0
July	10.1	S.	49	NE.	3	12	8	4	0	9	7	16	6	0	6	18	9	12	11	0	0	0	0	0	0	6	0	16	0
August	9.0	N.	49	N.	2	17	8	6	2	6	10	8	5	0	13	14	4	7	5	0	0	0	0	0	0	10	0	18	0
September	13.0	E.	49	N.	1	13	17	12	3	7	2	6	0	0	9														

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

PEORIA, ILL.

[φ=40° 43' N.; λ=89° 36' W.]

Table for Peoria, Ill. with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total.

PHILADELPHIA, PA.

[φ=39° 57' N.; λ=75° 9' W.]

Table for Philadelphia, Pa. with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total.

PHOENIX, ARIZ.

[φ=33° 28' N.; λ=112° 00' W.]

Table for Phoenix, Ariz. with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total.

PIERRE, S. DAK.

[φ=44° 22' N.; λ=100° 21' W.]

Table for Pierre, S. Dak. with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

PEORIA, ILL.

[H_b=609 ft.; h₁=11 ft.; h_r=4 ft.; h_a=45 ft.]

Month	Wind											Number of days																	
	By self-register					Number of winds, 8 a. m. and 8 p. m.						Clear	Partly cloudy	Cloudy	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	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	7.4	S.	26	NW.	0	3	1	2	7	16	4	11	18	0	16	4	11	9	5	11	5	0	1	18	0	29	0	0	
February	7.6	NE.	28	NE.	0	11	9	9	2	6	0	12	9	0	14	3	12	11	8	12	9	0	4	12	0	28	0	0	
March	7.7	NW.	35	SW.	0	19	6	5	4	3	0	6	2	18	0	7	3	21	14	16	10	0	0	5	0	24	2	0	
April	7.8	S.	30	W.	0	7	3	6	7	13	4	10	9	1	13	10	7	10	7	7	1	0	2	0	0	4	6	0	
May	5.8	NW.	25	NW.	0	4	5	1	2	13	7	9	18	2	15	8	9	14	14	9	0	0	0	0	0	0	0	3	0
June	4.4	SE.	48	NW.	1	6	12	3	2	13	5	5	6	4	11	12	7	15	13	0	0	0	0	0	1	0	14	0	0
July	4.4	S.	21	W.	0	8	7	3	2	13	5	5	17	0	20	7	4	9	7	0	0	0	0	0	0	2	10	0	0
August	4.8	S.	21	N.	0	9	5	5	11	15	5	2	4	6	19	10	2	10	9	0	0	0	0	0	0	5	0	10	0
September	5.4	N.	25	SW.	0	9	7	2	11	7	3	6	9	6	16	7	7	6	3	0	0	0	0	0	0	0	0	3	0
October	5.1	S.	33	W.	0	6	7	4	12	15	5	3	0	0	26	3	2	6	4	0	0	0	0	0	0	2	1	0	
November	8.4	S.	25	W.	0	4	4	3	4	18	6	8	13	0	10	8	6	3	4	2	0	0	2	0	2	0	18	1	0
December	8.0	S.	31	W.	0	4	7	4	3	16	5	9	14	0	9	12	13	7	11	5	0	2	19	0	26	0	0	0	
Year..	6.5	S.	48	NW.	1	90	73	46	79	141	56	82	136	29	179	86	101	123	80	55	31	2	7	56	8	131	50	0	0

PHILADELPHIA, PA.

[H_b=114 ft.; h₁=123 ft.; h_r=114 ft.; h_a=190 ft.]

January	11.6	N.	42	SW.	2	18	4	4	2	2	11	9	12	0	12	7	12	6	6	4	1	0	0	5	0	21	0	0	
February	11.0	N.	34	E.	0	13	9	14	1	1	1	8	11	0	10	7	12	10	8	10	8	0	0	5	0	25	0	0	
March	12.5	N.	40	E.	1	19	13	9	1	4	0	6	10	0	9	14	8	8	5	5	2	0	0	0	0	11	0	0	
April	10.1	W.	34	N.	0	12	8	6	4	2	6	18	4	0	12	4	14	11	9	2	1	0	0	0	0	3	2	0	
May	10.5	W.	39	SW.	0	9	5	10	6	1	7	12	6	0	8	9	14	16	13	0	0	0	0	0	0	0	3	0	
June	7.7	W.	31	NE.	0	13	3	14	4	2	8	16	0	0	2	9	19	13	13	0	0	0	0	0	2	0	6	0	
July	7.5	W.	29	N.	0	12	2	7	6	5	12	12	6	0	13	6	12	6	6	0	0	0	0	0	0	2	0	5	0
August	8.2	SW.	32	NE.	0	7	6	4	6	12	16	3	8	8	9	11	11	9	9	0	0	0	0	0	0	0	7	0	
September	9.0	E.	30	S.	0	6	11	8	5	13	4	4	4	0	7	6	17	9	7	0	0	0	0	0	0	0	3	0	
October	8.4	N.	35	N.	0	21	6	3	7	1	11	1	12	0	18	8	5	2	1	0	0	0	0	0	0	0	0	0	
November	9.8	SW.	38	NW.	0	7	7	2	2	1	21	9	17	0	9	7	14	7	3	3	1	0	0	0	0	6	0	0	
December	9.8	NW.	33	NW.	0	6	3	5	1	8	14	5	20	0	5	6	20	6	5	6	1	0	1	5	0	18	0	0	
Year..	9.7	N.	42	SW.	3	143	77	96	45	52	111	108	115	0	114	94	158	103	82	30	14	0	1	15	10	84	26	0	

PHOENIX, ARIZ.

[H_b=1,108 ft.; h₁=40 ft.; h_r=56 ft.; h_a=82 ft.]

January	4.7	E.	28	E.	0	3	4	20	7	1	5	19	3	0	27	4	0	0	0	0	0	0	0	0	0	10	0	0
February	4.9	E.	21	N.	0	2	1	18	3	5	7	15	5	0	23	6	0	0	0	0	0	0	0	0	0	1	0	0
March	6.0	E.	39	W.	0	2	0	24	3	4	10	15	4	0	28	5	4	4	2	0	0	0	0	0	0	0	0	0
April	5.7	NW.	39	NW.	0	4	3	15	4	4	8	15	7	0	19	10	1	2	2	0	0	0	0	0	0	4	0	11
May	5.8	W.	32	NW.	0	2	3	24	2	0	4	13	9	0	29	2	0	1	0	0	0	0	0	0	0	30	0	1
June	5.8	W.	28	SE.	0	7	1	13	7	1	6	20	5	0	27	3	0	0	0	0	0	0	0	0	0	30	0	1
July	5.2	W.	30	SW.	0	11	4	12	6	1	1	19	8	0	13	16	2	3	1	0	0	0	0	0	0	31	0	3
August	5.2	W.	24	E.	0	7	7	16	4	1	3	13	6	0	25	6	0	1	1	0	0	0	0	0	0	31	0	5
September	4.5	E.	19	N.	0	6	6	20	1	0	4	13	10	0	26	2	2	4	1	0	0	0	0	0	0	30	0	4
October	4.6	E.	20	W.	0	2	3	24	4	2	1	16	10	0	27	4	0	1	1	0	0	0	0	0	0	15	0	2
November	3.9	E.	19	NE.	0	1	3	22	5	2	7	10	9	1	24	5	1	0	0	0	0	0	0	0	0	4	0	1
December	4.9	E.	28	S.	0	1	12	14	9	4	7	11	4	0	18	5	8	6	5	0	0	0	0	0	0	5	0	0
Year..	5.1	E.	39	W.	0	48	47	222	57	25	63	189	80	1	280	68	18	22	14	0	0	0	0	0	0	175	16	18

PIERRE, S. DAK.

[H_b=1,572 ft.; h₁=70 ft.; h_r=63 ft.; h_a=75 ft.]

January	7.5	NW.	34	N.	0	6	1	7	8	1	10	12	17	0	12	6	13	5	1	8	5	0	0	21	0	30	0	0	
February	8.1	NW.	39	N.	0	6	4	12	7	1	3	8	16	1	11	11	7	5	4	6	4	0	0	10	0	26	0	0	
March	8.1	E.	40	W.	1	6	7	15	9	0	4	2	17	2	6	7	18	6	4	12	6	0	0	7	0	30	0	0	
April	11.3	NW.	50	NW.	2	7	6	10	4	1	4	7	21	0	19	5	15	5	5	7	4	0	0	0	0	9	1	0	
May	9.8	NW.	42	NW.	1	13	3	7	4	1	11	3	19	1	9	13	12	8	3	1	1	0	0	0	0	1	1	0	
June	9.0	E.	73	NW.	5	7	13	16	8	1	3	5	7	0	5	13	12	16	13	0	0	0	1	9	0	0	10	0	
July	9.6	E.	59	NW.	1	5	10	16	12	2	3	1	12	1	17	8	6	7	4	0	0	0	0	0	0	0	0	0	
August	8.2	E.	60	W.	2	7	12	12	14	3	2	3	8	1	14	12	9	8	7	0	0	0	0	0	0	10	0	7	
September	8.4	SE.	34	N.	0	5	3	10	20	3	3	2	14	0	16	9	11	8	7	0	0	0	0	0	0	0	3	6	
October	9.8	NW.	35	NW.	0	3	7	19	10	4	3	3	11	0	18	8	19	6	3	9	0	0	0	0	0	0	0	2	0
November	10.3	NW.	46	N.	1	3	5	10	3	2	5	9	25	0	12	8	10	6</											

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

PITTSBURGH, PA

[φ=40° 26' N.; λ=80° 00' W.]

Table for Pittsburgh, PA, showing monthly and yearly meteorological data including pressure, temperature, moisture, and cloudiness.

POCATELLO, IDAHO

[φ=42° 52' N.; λ=112° 29' W.]

Table for Pocatello, Idaho, showing monthly and yearly meteorological data including pressure, temperature, moisture, and cloudiness.

POINT REYERS, CALIF.

[φ=38° 11' N.; λ=122° 51' W.]

Table for Point Reyes, Calif., showing monthly and yearly meteorological data including pressure, temperature, moisture, and cloudiness.

PORT ANGELES, WASH.

[φ=48° 07' N.; λ=123° 06' W.]

Table for Port Angeles, Wash., showing monthly and yearly meteorological data including pressure, temperature, moisture, and cloudiness.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

PITTSBURGH, PA.

[H_b=842 ft.; h₁=353 ft.; h_r=345 ft.; h_a=410 ft.]

Month	Wind										Number of days																					
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp. 32° or below	Minimum temperature 32° or below	Thunderstorms	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	0.01 inch and over	0.04 inch and over	T. or more	0.01 inch or more melted	Hail	Dense fog	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Aurora
January	14.2	W.	47	NW.	4	2	2	5	8	15	21	7	0	2	6	23	10	8	13	5	0	1	0	0	25	0	0					
February	11.6	W.	42	NW.	2	4	11	4	9	4	10	14	8	0	4	7	18	13	8	20	12	0	0	0	25	1	0					
March	13.1	NW.	44	SW.	2	4	6	6	2	1	10	14	19	0	0	14	17	14	12	18	9	0	2	2	0	16	1	0				
April	11.4	W.	46	W.	2	4	3	9	9	1	11	11	12	0	7	7	16	15	10	5	2	1	1	0	0	4	3	0				
May	11.6	SW.	44	SW.	1	1	2	2	7	5	19	13	10	0	4	10	17	18	15	0	0	0	0	0	0	0	5	0				
June	8.8	SW.	39	W.	0	7	4	4	7	2	16	6	11	1	4	15	11	13	12	0	0	1	1	0	1	10	0					
July	7.8	SW.	44	W.	1	7	3	2	3	2	10	8	14	1	11	11	9	12	10	0	0	1	0	0	6	10	0					
August	8.9	SW.	48	NW.	1	12	6	2	2	9	12	3	11	1	10	10	11	12	12	0	0	7	0	0	4	6	11	0				
September	10.5	SW.	50	NW.	1	3	6	6	12	4	7	4	13	2	12	10	13	16	11	0	0	0	0	0	0	6	5	1				
October	7.6	NW.	34	NW.	0	12	11	2	2	2	10	14	2	2	12	13	4	3	3	2	0	0	12	0	0	1	0	0				
November	12.4	SW.	46	NW.	1	4	1	7	7	6	9	18	9	6	7	7	16	10	5	7	5	0	2	4	0	1	1	0				
December	12.8	SW.	50	W.	3	4	0	4	2	13	16	20	3	0	3	2	26	13	9	13	5	0	2	13	0	23	0	0				
Year	10.8	SW.	50	W.	18	66	55	61	66	66	149	133	130	6	71	112	183	149	114	76	38	2	32	36	5	165	46	1				

POCATELLO, IDAHO

[H_b=4,477 ft.; h₁=60 ft.; h_r=52 ft.; h_a=68 ft.]

January	8.8	SE.	42	SW.	1	0	1	4	19	6	17	9	6	0	5	15	11	11	5	16	11	4	0	0	0	0	0	0	0	0
February	8.7	SE.	38	SW.	0	0	2	1	1	0	19	7	14	8	7	7	10	12	5	3	10	4	0	0	0	0	0	0	0	0
March	9.1	SE.	35	SW.	0	3	2	1	23	5	16	6	6	0	8	9	14	10	7	14	8	0	1	0	0	0	0	29	0	0
April	9.5	SW.	36	SW.	0	2	2	1	11	7	28	6	3	0	8	11	11	8	3	4	4	1	0	0	0	0	10	0	0	
May	7.8	SE.	50	SW.	1	3	5	2	15	8	17	7	5	0	17	12	2	5	2	1	6	0	0	0	0	0	1	4	0	
June	8.3	SW.	36	SW.	0	1	0	1	13	9	18	11	7	0	19	8	3	2	2	1	1	1	0	0	0	0	3	0	0	
July	7.7	SE.	39	SW.	0	4	1	1	27	8	6	8	7	0	17	8	6	8	6	0	0	2	0	0	0	11	0	7	0	
August	7.7	SE.	30	SW.	0	5	0	0	19	6	17	11	4	0	19	11	1	1	0	0	0	0	0	0	0	7	0	3	0	
September	8.0	SE.	40	SW.	1	11	0	0	18	10	14	6	1	0	16	8	6	6	4	2	1	0	0	0	2	2	3	0	0	
October	8.8	S.	36	S.	0	9	0	1	15	21	9	6	0	1	10	7	14	12	7	6	1	1	0	0	0	1	2	0	0	
November	10.5	S.	44	S.	1	0	0	1	12	28	10	6	2	0	9	11	10	6	3	8	4	0	1	0	0	1	20	0	0	
December	9.8	SE.	46	S.	1	3	0	2	18	12	9	6	11	1	6	4	21	13	10	16	13	0	0	16	0	29	0	0	0	
Year	8.7	SE.	50	SW.	5	43	12	14	209	128	175	90	59	2	141	114	111	87	52	78	47	4	2	33	23	145	19	0		

POINT REYES, CALIF.

[H_b=490 ft.; h₁=7 ft.; h_r=4 ft.; h_a=18 ft.]

January	16.4	S.	64	NW.	9	5	1	2	2	9	1	1	9	1	15	9	7	6	5	0	0	1	11	0	0	0	0	0	0	0
February	19.5	NW.	58	NW.	8	9	0	0	0	3	1	0	16	0	9	10	10	4	4	0	0	0	16	0	0	0	0	0	0	0
March	21.1	NW.	82	NW.	21	2	0	0	1	3	1	0	24	0	0	4	6	8	4	0	0	0	3	0	0	0	0	0	0	0
April	20.3	NW.	72	NW.	9	5	0	0	0	2	3	2	17	0	13	6	11	2	1	0	0	0	6	0	0	0	0	0	0	0
May	23.4	NW.	72	NW.	15	2	0	0	0	2	4	3	18	0	12	4	15	0	0	0	0	0	15	0	0	0	0	0	0	0
June	18.7	NW.	69	NW.	9	4	0	0	0	2	2	2	19	0	10	4	16	0	0	0	0	0	18	0	0	0	0	0	0	0
July	25.8	NW.	65	NW.	16	2	0	0	0	5	4	0	19	0	8	7	16	0	0	0	0	0	17	0	0	0	0	0	0	0
August	19.5	NW.	56	NW.	9	2	0	0	0	2	20	1	2	5	24	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0
September	13.7	NW.	53	NW.	5	11	0	0	0	3	1	0	15	0	11	6	13	0	0	0	0	0	20	0	0	0	0	0	0	0
October	20.5	NW.	61	S.	9	4	0	0	0	9	2	0	16	0	12	10	9	12	7	0	0	0	16	0	0	0	0	0	0	0
November	17.9	NW.	70	NW.	9	4	0	2	1	9	1	0	13	0	13	9	8	8	7	0	0	0	14	0	0	0	0	0	0	0
December	16.7	S.	60	NW.	9	5	1	2	3	10	1	0	9	0	11	6	14	13	10	0	0	1	13	0	0	0	0	0	0	0
Year	20.1	NW.	83	NW.	128	58	2	6	7	63	23	10	105	2	137	80	149	53	38	0	0	2	179	0	0	0	0	0	0	0

PORT ANGELES, WASH.

[H_b=29 ft.; h₁=8 ft.; h_r=3 ft.; h_a=53 ft.]

January	5.4	S.	26	SW.	0	0	1	2	12	6	7	2	1	0	0	6	25	19	12	1	1	0	0	0	0	2	0	8	0	0
February	5.3	S.	31	NW.	0	3	1	6	3	6	10	0	0	0	0	7	22	18	12	0	0	0	0	0	0	0	1	1	0	0
March	8.4	S.	35	NW.	0	2	4	10	1	0	1	7	6	0	8	15	8	9	5	1	1	0	0	0	0	0	2	0	0	0
April	8.0	S.	32	W.	0	0	5	2	1	0	1	16	5	0	9	12	9	9	4	1	1	0	0	0	0	0	1	0	0	0
May	7.9	SW.	30	W.	0	0	1	2	4	0	0	6	7	11	0	12	12	7	5	2	0	0	0	0	0	0	0	0	0	0
June	7.4	SW.	30	W.	0	0	3	0	0	0	0	14	13	0	11	11	8	4	3	0	0	0	0	0	0	0	0	0	0	0
July	7.0	SW.	29	SW.	0	0	0	1	1	0	0	2	17	10	0	17	4	10	4	3	0	0	0	0	2	0	0	0	0	0
August	6.4	SW.	25	W.	0	0	0	0	1	0	1	13	15	0	13	12	6	2	0	0	0	0	0	0	0	0	0	0	0	0
September	5.8	S.	31	W.	0	0	2	5	1	2	4	11	5																	

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

PORT ARTHUR, TEX.

[φ = 29° 52' N.; λ = 93° 55' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Extremes), Dew point, Relative humidity, Moisture (Vapor pressure, Precipitation), and Cloudiness. Rows include months from January to December and a Yearly total.

PORT HURON, MICH.

[φ = 43° 00' N.; λ = 82° 26' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Extremes), Dew point, Relative humidity, Moisture (Vapor pressure, Precipitation), and Cloudiness. Rows include months from January to December and a Yearly total.

PORTLAND, ME.

[φ = 43° 39' N.; λ = 70° 15' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Extremes), Dew point, Relative humidity, Moisture (Vapor pressure, Precipitation), and Cloudiness. Rows include months from January to December and a Yearly total.

PORTLAND, OREG.

[φ = 45° 32' N.; λ = 122° 41' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Extremes), Dew point, Relative humidity, Moisture (Vapor pressure, Precipitation), and Cloudiness. Rows include months from January to December and a Yearly total.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

PROVIDENCE, R. I.

[φ=41° 30' N.; λ=71° 25' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Year total.

PUEBLO, COLO.

[φ=38° 18' N.; λ=104° 36' W.]

Table with columns for months and various meteorological data points. Rows list months from January to December and a Year total.

RALEIGH, N. C.

[φ=36° 45' N.; λ=78° 37' W.]

Table with columns for months and various meteorological data points. Rows list months from January to December and a Year total.

RAPID CITY, S. DAK.

[φ=44° 04' N.; λ=103° 12' W.]

Table with columns for months and various meteorological data points. Rows list months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

PROVIDENCE, R. I.

[H₁=180 ft.; h₂=215 ft.; h₃=211 ft.; h₄=251 ft.]

Month	Wind										Number of days																		
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Partly cloudy	Cloudy	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	0.01 inch and over	0.04 inch and over	T. or more	0.01 inch or more melted	Hall	Dense fog	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras	
																													Miles	Mi.
January	15.9	NW	72	NW	10	2	0	1	3	8	14	6	26	0	13	11	7	9	8	7	5	0	0	9	0	27	0	0	
February	12.3	NW	38	W	0	14	3	2	2	0	3	1	13	22	0	15	4	10	8	4	10	7	0	1	13	0	29	0	0
March	16.3	NW	53	NW	8	8	11	2	4	4	1	8	24	0	16	9	9	9	7	6	4	0	1	1	0	0	2	0	0
April	16.2	NW	60	SE	9	5	5	2	12	11	3	9	13	0	9	12	9	15	11	2	1	0	1	0	0	3	2	0	0
May	13.3	W	47	W	5	5	10	1	6	12	5	14	9	0	8	12	11	18	11	0	0	0	0	0	0	0	4	0	0
June	8.0	S	43	NW	1	0	4	3	2	17	11	6	10	0	10	12	8	7	7	0	0	0	1	0	0	0	2	0	0
July	7.2	SW	58	NW	1	4	1	2	2	13	14	17	9	0	15	12	4	4	4	4	0	1	0	0	2	0	6	0	0
August	6.5	SW	50	N	1	4	6	1	4	13	14	10	12	0	15	11	5	8	7	0	0	1	0	5	0	5	0	0	0
September	10.4	S	66	SE	0	6	6	6	4	16	7	10	7	1	12	11	7	7	7	0	0	1	0	0	0	0	1	0	0
October	10.2	NW	37	NW	0	9	6	2	2	2	2	11	21	2	22	7	2	2	1	0	0	0	0	0	0	2	0	0	0
November	11.2	NW	68	NW	5	1	0	0	2	6	12	17	16	0	15	7	8	5	3	2	0	0	0	0	2	0	12	1	0
December	10.2	W	50	NW	4	3	0	2	2	5	13	13	24	0	10	9	12	11	7	4	2	0	1	9	0	25	0	0	0
Year	11.6	NW	72	NW	47	66	50	21	47	113	103	134	106	3	160	114	92	105	77	31	19	1	7	34	7	118	23	0	0

PUEBLO, COLO.

[H₁=4,635 ft.; h₂=80 ft.; h₃=72 ft.; h₄=86 ft.]

January	5.3	NW	32	NW	0	12	5	4	7	5	3	6	20	1	18	8	5	4	2	5	4	0	0	8	0	21	0	0	
February	6.5	SE	52	W	1	12	3	13	12	2	0	5	10	1	12	13	4	2	2	2	2	0	0	1	0	0	29	0	0
March	7.9	E	46	W	1	10	8	19	5	5	2	2	10	0	6	15	10	7	7	7	14	6	0	0	0	0	1	0	0
April	7.7	NW	42	NW	2	10	7	6	9	5	2	4	17	0	11	14	5	6	9	4	4	0	0	0	0	0	10	0	0
May	6.4	SE	33	NW	0	8	13	11	12	1	2	0	13	0	10	14	7	8	5	0	0	0	0	1	0	0	0	7	0
June	7.2	NW	46	NW	3	10	7	9	10	1	2	0	9	12	0	10	14	0	0	0	0	0	0	0	0	15	0	0	0
July	6.2	E	36	NW	0	14	6	11	9	5	3	1	11	2	10	21	0	5	3	0	0	1	0	0	0	14	0	0	0
August	6.3	E	31	N	0	19	3	11	8	7	1	2	9	2	16	15	0	5	2	2	0	0	0	0	0	17	0	0	0
September	6.6	E	40	NW	1	15	3	17	5	2	3	11	1	22	7	1	1	1	1	0	0	0	0	0	0	6	3	2	0
October	7.5	NW	56	W	2	12	6	9	7	6	3	4	15	0	16	13	2	3	3	1	0	0	0	0	0	0	7	1	0
November	6.3	NW	37	NW	0	9	2	12	10	3	1	6	17	0	16	14	0	2	1	3	1	0	0	0	0	0	22	0	0
December	6.0	NW	26	W	0	8	4	9	17	4	3	3	14	0	9	14	8	8	5	9	8	0	3	10	0	31	0	0	0
Year	6.6	NW	56	W	10	189	67	130	111	46	28	45	159	7	159	165	42	54	37	38	21	1	4	26	52	159	28	0	0

RALEIGH, N. C.

[H₁=376 ft.; h₂=103 ft.; h₃=94 ft.; h₄=110 ft.]

January	8.3	N	41	SW	1	17	5	6	5	4	11	6	8	0	13	5	13	8	6	2	0	0	2	1	0	14	0	0	
February	9.4	NW	32	NW	0	14	10	1	3	2	7	8	13	0	10	9	10	9	8	3	1	0	0	1	0	0	14	1	0
March	10.6	NW	39	NW	0	10	6	2	1	1	11	4	27	0	12	7	12	10	7	4	2	0	0	0	0	0	5	1	0
April	9.0	E	39	NW	0	6	19	11	4	6	6	6	11	0	13	5	12	9	8	0	0	0	1	0	0	1	2	0	0
May	8.2	SW	31	SW	0	4	7	4	1	11	18	9	8	0	12	9	10	11	7	0	0	0	0	0	0	0	3	0	0
June	6.9	SW	38	NE	0	5	7	4	2	10	21	6	5	0	5	15	10	13	9	0	0	1	0	0	0	7	0	0	0
July	6.0	E	37	N	0	3	11	13	7	10	9	3	4	2	9	13	9	15	13	0	0	1	0	0	8	0	7	0	0
August	6.4	NE	42	W	1	6	16	11	4	3	11	5	5	1	14	13	4	7	5	0	0	1	0	0	12	0	7	0	0
September	8.1	NE	31	NW	0	8	18	9	5	4	9	1	6	0	10	7	13	19	17	0	0	0	0	0	0	1	0	2	0
October	6.2	NE	24	NE	0	19	22	3	1	2	4	8	3	0	24	4	3	2	2	0	0	0	0	0	0	0	0	0	0
November	7.2	SW	28	NW	0	8	12	3	0	5	14	9	7	2	17	0	7	4	3	2	1	0	0	0	0	5	1	0	0
December	8.2	SW	28	W	0	14	14	1	3	3	16	7	4	0	9	9	13	10	8	0	0	0	1	1	0	14	0	0	0
Year	7.9	NE	42	W	2	114	138	68	36	61	137	72	161	5	148	162	116	117	94	11	4	2	6	3	28	53	32	0	0

RAPID CITY, S. DAK.

[H₁=3,259 ft.; h₂=50 ft.; h₃=43 ft.; h₄=58 ft.]

January	6.3	W	40	N	1	14	1	2	9	1	3	23	9	0	6	14	11	5	3	7	5	0	0	16	0	20	0	0	0
February	8.4	W	44	W	1	12	3	5	11	1	3	13	10	0	9	10	10	7	6	11	9	0	0	1	8	0	26	0	0
March	7.5	SE	39	NW	0	13	2	3	10	6	4	10	9	0	3	11	15	14	12	13	14	0	0	0	0	0	17	0	0
April	10.6	NW	46	NW	1	7	3	2	4	1	6	11	26	0	4	19	10	5	4	3	3	0	0	0	0	0	4	1	0
May	8.4	N	42	N	0	19	2	1	5	2	2	6	12	13	0	4	16	16	15	0	0	0	0	0	0	0	0	0	0
June	8.2	N	42	N	1	17	4	3	8	1	2	4	10	5	0	4	16	16	15	0	0	0	0	0	0	0	0	0	0
July	7.3	SE	42	N	1	12	9	4	19	2	4	10	5	0	14	13	4	8	5	0	0	1	0	0	0	0	0	0	0
August	7.0	N	46	NW	1	13	1	8	6	0	0	11	10	1	18	9	4	8	5	0	0	2	2	0	0	0	0	10	0
September	7.7	W	36	SW	0	7	4	2	11	2	7	10	16	1	16	7	7	6	7	1	0	0	0	0	1	0	3	0	0
October	7.4	W	36	SW	0	4	3	4	6	0	6	8	14	16	1	14	8	9	6	1									

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

READING, PA.

[φ=40° 20' N.; λ=75° 58' W.]

Table with columns for Month, Pressure (Extremes, Mean), Temperature (Extremes, Mean, Dew point), Relative humidity, Moisture (Vapor pressure, Precipitation), and Cloudiness. Rows include months from January to December and a Year total.

RED BLUFF, CALIF.

[φ=40° 10' N.; λ=122° 15' W.]

Table with columns for Month and various meteorological data points. Rows include months from January to December and a Year total.

RENO, NEV.

[φ=39° 32' N.; λ=119° 40' W.]

Table with columns for Month and various meteorological data points. Rows include months from January to December and a Year total.

RICHMOND, VA.

[φ=37° 32' N.; λ=77° 27' W.]

Table with columns for Month and various meteorological data points. Rows include months from January to December and a Year total.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

ROCHESTER, N. Y.

[φ=43° 08' N.; λ=77° 42' W.]

Table with columns for Month, Pressure, Temperature, Dew point, Moisture, and Cloudiness. Rows include monthly data from January to December and a yearly total.

ROSEBURG, OREG.

[φ=43° 13' N.; λ=123° 20' W.]

Table with columns for Month, Pressure, Temperature, Dew point, Moisture, and Cloudiness. Rows include monthly data from January to December and a yearly total.

ROSWELL, N. MEX.

[φ=33° 24' N.; λ=104° 27' W.]

Table with columns for Month, Pressure, Temperature, Dew point, Moisture, and Cloudiness. Rows include monthly data from January to December and a yearly total.

ROYAL CENTER, IND.

[φ=40° 53' N.; λ=86° 28' W.]

Table with columns for Month, Pressure, Temperature, Dew point, Moisture, and Cloudiness. Rows include monthly data from January to December and a yearly total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

ROCHESTER, N. Y.

[H₁=523 ft.; h₁=86 ft.; h₂=77 ft.; h₃=102 ft.]

Month	Wind										Number of days																			
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Clear	Partly cloudy	Cloudy	Precipitation		Snow		Dense fog	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		0.01 inch and over	0.04 inch and over		T. or more	0.01 inch or more melted	Hall	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorms	Auroras	
											Miles	Mi.	Miles					Mi.			Miles									Mi.
January	12.1	W.	40	SW.	2	0	1	1	0	14	19	26	1	0	1	6	24	19	13	22	14	0	0	8	0	26	0	0		
February	8.8	W.	34	W.	0	0	2	4	8	4	8	20	2	1	1	0	21	16	14	21	15	0	0	22	0	0	0	0		
March	9.2	W.	39	W.	0	0	1	4	8	3	22	7	21	16	0	7	6	18	13	7	15	10	0	0	0	23	1	0		
April	8.7	W.	36	SW.	0	0	0	7	4	6	7	9	19	8	0	9	9	12	12	10	5	4	0	0	1	4	1	0		
May	9.0	W.	38	SW.	0	0	1	10	1	6	6	12	17	9	0	8	15	14	17	12	1	1	0	0	0	0	3	0		
June	6.4	SW.	50	W.	2	2	6	6	0	12	8	16	14	5	1	11	14	5	11	10	0	0	0	0	0	0	6	0		
July	7.3	W.	29	W.	0	0	4	4	1	4	4	14	21	7	3	14	10	7	13	11	0	0	0	0	0	0	7	0		
August	5.8	SW.	32	W.	0	0	1	6	3	2	3	20	11	13	3	12	10	9	11	8	0	0	1	0	0	3	0	5	0	
September	7.3	S.	30	NW.	0	0	4	3	4	4	4	14	8	11	12	9	5	16	13	11	0	0	1	0	0	0	1	0	0	
October	6.3	SW.	38	W.	0	0	6	6	1	2	9	22	9	5	2	10	12	19	3	1	1	0	0	2	0	0	0	1	0	0
November	8.8	SW.	37	SW.	0	0	1	0	0	0	9	26	15	6	0	0	2	5	5	5	5	0	0	0	0	0	15	0	0	0
December	10.6	W.	38	W.	0	0	2	2	1	5	6	16	21	9	0	0	2	2	19	15	17	13	1	0	19	0	0	1	0	0
Year	8.4	W.	50	W.	4	24	56	37	38	86	177	205	99	10	91	98	177	157	117	90	62	3	2	66	3	128	25	0	0	0

ROSEBURG, OREG.

[H₁=510 ft.; h₁=9 ft.; h₂=4 ft.; h₃=57 ft.]

January	2.1	NW.	13	SE.	0	7	5	5	11	10	5	2	16	1	3	10	18	16	11	2	2	0	0	6	1	0	13	0	0	0	0		
February	2.2	S.	24	SW.	0	0	7	4	8	7	12	7	3	9	1	9	16	14	19	12	0	0	0	0	0	0	0	0	0	0	0	0	
March	3.3	N.	21	SW.	0	13	7	5	5	6	5	6	14	0	0	19	14	8	18	12	1	1	0	0	0	0	0	0	0	0	0	0	
April	3.4	N.	20	SW.	0	24	7	2	0	3	5	5	13	0	0	12	14	4	6	3	0	0	0	0	0	0	0	0	0	0	0	0	
May	3.3	N.	26	SW.	0	33	7	1	1	2	3	19	2	14	14	2	4	3	9	0	0	0	0	1	0	0	2	0	0	0	0	0	
June	4.0	N.	17	SW.	0	26	8	0	0	0	0	3	19	2	14	14	2	4	3	9	0	0	0	0	0	0	5	0	0	0	0	0	
July	4.2	N.	15	N.	0	27	11	0	1	1	1	2	16	3	20	11	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	
August	3.8	N.	15	N.	0	24	5	3	1	0	1	1	24	3	17	13	1	3	2	0	0	0	0	0	0	0	6	0	0	0	0	0	
September	3.4	N.	23	SW.	0	19	10	0	3	8	4	3	8	5	18	9	3	9	5	0	0	0	0	0	3	0	4	0	0	0	0	0	0
October	3.0	N.	28	SW.	0	9	8	3	11	11	7	8	10	0	6	13	12	17	15	0	0	0	0	0	0	4	0	0	0	0	0	0	0
November	2.7	S.	18	SW.	0	10	7	0	10	11	4	4	8	0	5	10	15	16	13	0	0	0	0	0	7	0	0	0	0	0	0	0	0
December	2.7	NW.	19	SW.	0	13	4	5	3	12	4	2	18	1	1	12	18	14	14	3	2	0	0	0	8	10	0	12	0	0	0	0	0
Year	3.2	N.	28	SW.	0	212	77	40	55	75	48	40	164	21	125	144	97	123	91	6	6	2	40	11	25	31	5	0	0	0	0	0	0

ROSWELL, N. MEX.

[H₁=3,560 ft.; h₁=75 ft.; h₂=69 ft.; h₃=85 ft.]

January	7.1	S.	39	W.	0	7	5	3	4	18	3	5	17	0	27	4	0	2	1	3	2	0	0	1	0	0	30	0	0	0	0	0	0	
February	7.6	S.	44	NW.	1	10	2	5	7	17	1	3	13	0	17	7	5	4	2	3	2	0	1	0	0	0	24	0	0	0	0	0	0	
March	10.8	S.	44	SW.	1	6	5	6	2	15	10	12	6	0	21	6	4	4	2	2	2	0	0	0	0	0	18	0	0	0	0	0	0	
April	9.2	S.	52	NW.	1	6	2	8	4	15	5	12	6	2	18	8	4	3	2	1	1	0	0	0	0	0	3	2	0	0	0	0	0	
May	8.0	S.	30	SW.	0	7	1	8	13	13	5	9	5	1	12	15	4	2	1	0	0	0	0	0	0	0	0	6	0	0	0	0	0	
June	8.4	S.	36	W.	0	2	9	4	6	16	10	9	4	0	23	5	0	0	0	0	0	0	0	0	0	25	0	1	0	0	0	0	0	
July	7.6	S.	33	NW.	0	3	8	8	11	15	1	5	7	4	21	8	2	6	5	0	0	0	0	0	0	0	20	0	12	0	0	0	0	
August	6.2	S.	34	NK.	0	6	7	8	2	18	8	7	7	1	18	11	2	3	2	0	0	0	0	0	0	0	26	0	10	0	0	0	0	
September	7.8	S.	30	S.	0	7	2	5	8	18	16	3	7	0	20	4	0	0	0	0	0	0	0	0	0	10	0	1	0	0	0	0	0	
October	7.9	S.	31	SE.	0	8	4	2	11	17	3	6	9	2	23	7	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	7.2	S.	39	W.	0	7	3	9	2	15	5	4	14	0	29	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	7.6	S.	39	SW.	0	10	9	6	3	14	4	10	6	0	17	11	3	2	1	5	2	0	0	0	0	5	0	26	0	0	0	0	0	0
Year	8.0	S.	54	SW.	3	79	57	72	73	189	65	86	101	10	251	90	25	30	19	14	10	0	1	0	83	113	35	0	0	0	0	0	0	0

ROYAL CENTER, IND.

[H₁=736 ft.; h₁=11 ft.; h₂=8 ft.; h₃=55 ft.]

January	11.8	W.	37	W.	0	1	0	0	2	13	3	9	2	0	11	4	16	11	9	11	6	0	0	1	12	0	26	0	0	0	0	0	0	0	
February	11.5	E.	38	NW.	0	0	5	8	1	4	2	6	3	0	6	4	19	8	7	11	5	0	0	0	0	0	0	26	1	0	0	0	0	0	
March	11.2	N.	44	SW.	2	6	4	5	1	2	3	3	7	0	7	5	25	12	10	17	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0
April	12.4	SW.	44	NW.	2	4	0	7	3	6	5	3	6	0	0	16	17	17	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	8.9	SW.	45	W.	1	0	2	0	3	6	5	3	6	0	2	6	23	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	8.1	N.	49	W.	2	4	3	2	6	3	5	2	4	1	0	8	11	13	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	8.9	SW.	38	SE.	0	5	5	1	2	7	5	2	4	0	8	14	9	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	7.4	S.	39	W.	0	5	0	5	3	9	4	3	1	1	8	12	10	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	8.9	N.	30	N.	0	5	3	3	5	4	5	1	3	1	5	13	12	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	7.2	S.	33	W.	0	6	3	1	9	7	4	1	0	0	18	8	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	12.1	W.	35	W.	0	0	2	2	3	5	6	5	7	0	0	9	15	7	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	11.5	SW.	40	NW.	1	0	2	2	2	10	4	6	5	0	4	7	20	15	11	9															

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

SACRAMENTO, CALIF.

[φ = 38° 36' N.; λ = 121° 30' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Yearly total.

SAGINAW, MICH.

[φ = 43° 26' N.; λ = 83° 57' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Yearly total.

ST. JOSEPH, MO.

[φ = 39° 49' N.; λ = 94° 51' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Yearly total.

ST. LOUIS, MO.

[φ = 38° 38' N.; λ = 90° 13' W.]

Table with columns for Month, Pressure, Temperature, and Moisture. Sub-columns include Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows list months from January to December and a Yearly total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

SACRAMENTO, CALIF.

[H₀=89 ft.; h₁=106 ft.; h₂=100 ft.; h₃=117 ft.]

Month	Wind										Number of days																										
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Precipitation 0.01 inch and over	Snow T. or more 0.01 inch or more melted	Hail	Dense fog	32° or below	90° or above	Maximum temperature 32° or below	Electricity Thunderstorms	Auroras																		
	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	Maximum temperature 32° or below	Thunderstorms	Auroras
January	5.6	N.	28	NW.	0	19	6	4	12	7	1	0	7	6	18	3	10	7	5	0	0	0	0	8	0	0	6	0	0								
February	6.2	NW.	28	NW.	0	8	4	3	15	10	1	1	15	1	14	10	5	4	4	0	0	0	0	0	0	0	0	0	0								
March	9.2	NW.	38	NW.	0	0	0	0	14	9	4	3	17	1	17	0	5	7	5	0	0	0	1	0	0	0	0	0	0								
April	9.9	SE.	36	NW.	0	0	1	1	14	11	0	0	17	0	24	4	2	2	2	0	0	0	0	0	0	0	0	0	0								
May	9.9	SE.	33	NW.	0	0	0	0	11	28	3	3	13	1	28	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0							
June	10.3	SE.	27	NW.	0	0	0	0	18	28	5	0	9	0	28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
July	9.9	SE.	23	SW.	0	0	0	0	23	34	5	0	1	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
August	9.2	SE.	30	S.	0	0	0	0	15	41	4	0	0	0	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
September	6.9	SE.	36	NW.	0	0	1	0	13	21	0	0	13	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
October	6.9	SE.	31	NW.	0	0	5	0	6	11	0	0	6	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
November	6.4	N.	35	NW.	0	17	3	2	13	8	0	0	2	0	17	9	4	3	3	0	0	0	0	0	0	0	0	0	0	0							
December	6.4	N.	24	SE.	0	12	9	5	13	8	0	0	14	2	7	7	17	13	12	0	0	0	0	5	0	0	0	0	0								
Year	8.1	S.	39	NW.	0	83	34	26	171	222	40	9	123	24	263	55	48	44	38	0	0	1	20	0	54	13	6	0	0								

SAGINAW, MICH.

[H₀=641 ft.; h₁=69 ft.; h₂=62 ft.; h₃=77 ft.]

January	9.7	SW.	38	SW.	0	0	1	2	5	8	20	15	11	0	4	8	19	7	5	13	5	0	0	1	19	0	28	0	0
February	8.2	NW.	31	NE.	0	0	1	1	3	6	6	3	15	0	7	6	16	11	8	11	11	0	0	0	4	22	0	0	0
March	8.6	NW.	36	NE.	0	0	15	3	1	3	6	3	15	0	3	8	20	9	7	18	6	0	0	0	0	0	0	0	0
April	9.8	W.	39	SE.	0	0	18	3	9	4	7	13	8	0	2	12	16	11	8	5	3	0	0	0	1	0	10	2	0
May	9.0	SW.	36	SW.	0	0	12	1	4	7	8	12	12	0	2	15	14	13	11	1	1	1	1	1	0	0	3	3	0
June	7.0	SW.	25	SW.	0	0	12	2	8	6	10	7	10	0	4	11	15	6	6	0	0	0	0	0	1	0	4	4	0
July	6.9	SW.	29	SW.	0	0	5	9	5	5	8	17	2	11	0	10	12	9	11	9	0	0	0	0	0	2	0	6	0
August	6.6	NW.	29	SW.	0	0	5	2	7	8	13	7	14	1	6	15	10	8	7	0	0	0	0	0	0	0	0	0	0
September	7.6	NW.	35	SW.	0	0	9	5	3	12	6	4	12	1	5	10	15	11	7	0	0	0	0	0	0	0	0	0	0
October	7.2	SW.	32	SW.	0	0	9	3	9	7	12	10	2	0	16	11	4	5	3	0	0	0	0	0	5	0	2	1	0
November	11.0	SW.	37	SW.	0	0	2	3	0	5	7	22	11	10	0	3	10	17	6	5	9	2	0	1	5	0	17	1	0
December	9.6	SW.	34	SW.	0	4	4	3	5	2	23	10	11	0	2	11	18	14	8	22	9	0	1	21	0	29	0	0	
Year	8.4	SW.	38	SW.	0	64	108	31	71	68	152	105	131	2	64	129	173	114	84	84	37	2	16	76	3	145	27	0	0

ST. JOSEPH, MO.

[H₀=967 ft.; h₁=11 ft.; h₂=3 ft.; h₃=49 ft.]

January	8.9	NW.	30	NW.	0	4	2	2	12	10	9	3	20	0	15	8	8	10	4	10	6	0	0	1	16	0	25	0	0
February	9.4	NW.	35	NW.	0	2	13	4	9	3	8	3	16	0	15	4	10	8	7	8	5	0	0	1	10	0	22	0	0
March	9.9	NW.	44	NW.	2	3	14	5	5	3	5	4	23	0	7	11	13	11	9	18	7	1	1	0	3	0	23	3	0
April	9.5	NW.	33	NW.	0	4	3	4	10	9	8	6	16	0	15	9	6	5	4	0	0	0	0	0	0	0	0	1	0
May	8.9	NW.	34	NW.	0	4	5	1	8	4	9	6	25	0	11	11	9	13	8	0	0	0	0	0	0	0	0	0	0
June	8.2	SE.	57	NW.	2	4	16	2	13	4	5	4	6	0	16	10	4	20	15	0	0	0	2	0	0	2	0	15	0
July	6.4	SE.	43	NE.	1	2	13	2	13	12	4	4	6	0	20	8	3	12	12	0	0	0	1	0	0	0	0	0	0
August	7.5	SE.	34	NW.	0	4	11	5	13	13	12	2	2	0	9	16	12	3	10	9	0	0	0	0	0	0	0	0	0
September	7.5	SE.	41	NW.	0	1	5	11	8	18	3	7	9	0	6	10	6	10	8	0	0	0	0	0	0	0	0	0	0
October	7.3	SE.	36	W.	0	1	4	3	27	13	3	1	3	2	22	3	5	5	3	0	0	0	0	0	0	0	0	0	
November	6.4	NW.	38	NW.	0	2	8	2	6	14	5	5	18	0	17	9	4	5	4	5	1	0	0	0	0	0	0	13	2
December	9.3	NW.	38	NW.	0	4	11	4	10	4	7	2	20	0	11	9	11	9	8	9	5	0	1	16	0	25	2	0	
Year	8.6	NW.	67	NW.	0	39	111	59	144	92	82	40	161	4	180	104	82	118	91	45	24	6	5	45	24	110	54	0	

ST. LOUIS, MO.

[H₀=563 ft.; h₁=235 ft.; h₂=256 ft.; h₃=303 ft.]

January	13.9	S.	37	NW.	0	0	2	4	4	13	5	7	18	0	13	5	13	13	7	9	5	0	1	13	0	24	0	0
February	13.1	NW.	35	NW.	0	0	4	4	4	5	6	9	16	0	14	5	10	8	8	4	4	0	1	1	5	0	17	1
March	12.5	NW.	34	SW.	0	1	7	9	9	7	6	0	26	0	4	9	18	12	7	11	8	0	2	2	0	15	2	0
April	14.3	S.	61	S.	2	2	2	2	2	11	14	4	17	0	10	9	11	6	5	0	0	1	0	0	0	0	2	3
May	12.8	NW.	59	S.	2	7	2	2	2	7	14	7	14	1	9	8	14	15	11	0	0	0	3	0	0	0	0	0
June	11.4	S.	67	SE.	0	6	5	5	2	20	10	4	8	0	3	12	15	18	16	0	0	0	1	0	2	0	15	0
July	9.3	S.	54	SW.	3	0	12	3	17	8	3	9	1	9	16	6	12	10	0	0	0	0	0	0	0	4	0	10
August	11.0	S.	56	NW.	1	7	0	0	0	14	15	3	5	0	17	9	5	9	8	0	0	0	0	0	0	0	0	0
September	11.4	S.	30	SE.	1	12	5	8	7	11	3	2	11	0	12	9	9	6	6	0	0	0	0	0	0	0	0	4
October	11.1	S.	24	S.	3	0	9	11	4	19	6	3																

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924--Continued

ST. PAUL, MINN.

[φ=44° 58' N.; λ=93° 03' W.]

Table for St. Paul, Minn. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

SALT LAKE CITY, UTAH

[φ=40° 46' N.; λ=111° 54' W.]

Table for Salt Lake City, Utah with columns for monthly meteorological data. Rows include monthly data from January to December and a yearly total.

SAN ANTONIO, TEX.

[φ=29° 27' N.; λ=98° 28' W.]

Table for San Antonio, Tex. with columns for monthly meteorological data. Rows include monthly data from January to December and a yearly total.

SAN DIEGO, CALIF.

[φ=32° 43' N.; λ=117° 10' W.]

Table for San Diego, Calif. with columns for monthly meteorological data. Rows include monthly data from January to December and a yearly total.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

SAND KEY, FLA.

[φ=24° 27' N.; λ=81° 52' W.]

Table with columns for Month, Pressure, Temperature (Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness. Rows include monthly and yearly data for Sand Key, Fla.

SANDUSKY, OHIO

[φ=41° 25' N.; λ=82° 40' W.]

Table with columns for month and various meteorological data for Sandusky, Ohio.

SANDY HOOK, N. J.

[φ=40° 28' N.; λ=74° 01' W.]

Table with columns for month and various meteorological data for Sandy Hook, N. J.

SAN FRANCISCO, CALIF.

[φ=37° 48' N.; λ=122° 26' W.]

Table with columns for month and various meteorological data for San Francisco, Calif.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

SAN JOSE, CALIF.

[$\phi=37^{\circ} 20' N.$; $\lambda=121^{\circ} 54' W.$]

Month	Pressure			Temperature							Moisture												
	Monthly mean	Extremes		Mean					Extremes		Dew point		Relative humidity		Vapor pressure		Precipitation	Cloudiness					
		Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight
		In.	In.																				
January	30.033	30.300	29.762	55.6	65.5	66.0	63.4	37.4	67	23	38	37	31	54	59	56	0.224	0.235	1.70	1.09	3.8	3.6	3.9
February	30.037	30.300	29.710	60.9	68.3	66.6	24.2	54.4	77	35	45	46	59	56	309	312	62	38	5.0	3.8	5.0		
March	29.832	30.120	29.490	60.2	68.6	66.4	5.39	25.1	78	33	46	40	44	51	219	250	1.87	60	4.1	4.0	4.4		
April	29.867	30.140	29.660	66.9	66.6	67.1	3.45	4.58	90	26	42	43	43	46	271	289	3.38	31	2.7	2.6	3.5		
May	29.795	30.089	29.572	72.9	71.4	76.8	4.49	3.62	93	39	46	48	40	45	316	340	0.51	05	1.4	2.1	2.3		
June	29.806	30.010	29.547	76.4	74.4	78.0	0.50	3.65	98	45	49	50	40	44	358	364	0.00	00	0.9	1.2	1.4		
July	29.811	29.980	29.617	74.8	73.5	78.4	0.51	7.65	89	45	54	53	49	50	416	407	0.00	00	2	few	1.0		
August	29.800	29.970	29.636	74.3	74.3	79.0	0.52	8.65	90	47	57	56	55	54	462	456	T.	T.	1.3	0.6	2.4		
September	29.768	30.080	29.500	74.6	74.6	80.0	2.50	4.65	95	43	48	50	43	45	355	374	T.	T.	1.0	4.0	2.0		
October	29.896	30.110	29.630	66.3	66.4	70.0	2.46	8.58	88	36	47	48	52	57	328	335	1.72	71	3.2	3.2	3.5		
November	29.996	30.192	29.660	61.9	61.9	70.5	4.41	5.53	75	34	42	43	51	57	289	290	1.25	1.11	4.1	4.2	4.3		
December	30.014	30.330	29.350	50.8	50.4	54.4	1.36	6.45	68	22	38	39	63	67	236	250	1.92	48	6.0	5.2	5.9		
Year	29.888	30.330	29.350	66.3	66.5	67.0	6.45	0.57	98	22	45	46	49	52	314	325	9.51	1.11	2.8	2.6	3.3		

SAN JUAN, P. R.

[$\phi=18^{\circ} 29' N.$; $\lambda=66^{\circ} 07' W.$]

January	29.980	30.087	29.860	74.8	78.0	70.2	2.74	7.4	81	66	70	71	85	80	0.726	0.763	3.07	0.52	4.5	4.5	4.6
February	29.961	30.110	29.800	74.1	77.1	78.6	6.69	7.4	83	65	69	69	84	78	702	718	4.73	1.51	5.9	5.9	5.9
March	29.889	30.040	29.690	76.1	80.5	82.3	3.70	3.76	89	66	69	68	77	67	691	692	4.46	3.8	4.1	3.4	4.2
April	29.866	30.000	29.760	79.2	80.4	82.7	7.71	9.77	90	68	71	71	76	74	757	754	6.77	2.55	3.5	4.3	4.3
May	29.905	29.966	29.790	81.3	81.7	84.4	4.78	6.79	90	72	73	73	74	76	792	817	5.97	1.77	5.0	6.1	5.2
June	29.930	30.030	29.790	81.3	81.7	84.4	4.78	6.79	90	73	73	74	77	76	816	824	5.95	2.24	5.4	5.2	5.2
July	29.947	30.050	29.870	82.0	82.3	85.3	1.75	5.80	90	73	74	75	75	77	851	847	5.95	2.02	5.1	4.4	4.8
August	29.882	30.030	29.710	82.0	83.2	85.1	1.75	5.80	90	73	74	75	77	77	844	868	4.04	84	5.6	6.0	5.8
September	29.849	29.980	29.720	81.5	83.4	85.3	1.75	0.80	91	73	74	75	79	75	845	856	5.72	2.16	5.0	6.3	5.9
October	29.824	29.966	29.690	80.9	83.3	85.1	1.74	1.78	92	72	74	74	78	74	824	838	5.66	1.02	5.1	4.4	5.4
November	29.816	29.943	29.640	79.0	81.6	83.7	1.73	2.78	89	70	73	74	81	78	805	831	10.85	2.71	5.6	6.9	6.0
December	29.951	30.080	29.820	76.8	80.2	81.1	1.71	7.76	83	67	70	71	80	74	735	769	8.85	1.14	4.6	4.2	5.4
Year	29.902	30.110	29.640	79.1	81.1	82.9	7.3	0.77	92	65	72	72	79	76	782	799	67.69	2.71	5.0	5.2	5.2

SAN LUIS OBISPO, CALIF.

[$\phi=35^{\circ} 18' N.$; $\lambda=120^{\circ} 39' W.$]

January	29.941	30.300	29.700	41.2	63.2	58.4	67.4	37.6	52.5	80	30	31	29	28	86	34	51	0.194	0.182	0.244	1.46	1.17	2.2	2.3	3.1	2.9
February	29.938	30.180	29.622	52.0	67.2	64.1	70.9	47.8	59.4	87	28	27	30	42	69	40	60	0.233	0.248	0.270	4.4	4.4	3.0	2.8	3.4	3.2
March	29.772	30.020	29.440	44.5	60.6	65.6	63.7	42.0	52.8	75	33	38	39	41	80	48	68	0.235	0.243	0.264	4.05	1.67	3.4	3.5	3.3	3.4
April	29.811	30.040	29.620	49.9	63.4	66.0	1.66	3.56	68	37	42	43	45	47	77	53	59	0.270	0.286	0.300	3.33	1.67	4.9	3.9	2.8	4.2
May	29.748	29.870	29.580	52.5	70.4	65.5	78.3	3.60	4.81	87	44	45	47	47	79	46	54	0.306	0.328	0.326	T.	T.	5.1	1.4	1.9	2.6
June	29.749	29.900	29.527	52.1	71.0	67.2	7.50	4.63	89	46	47	48	49	44	84	54	54	0.322	0.332	0.348	0.00	0.00	4.8	1.2	1.5	1.8
July	29.762	29.900	29.604	51.0	71.0	67.2	7.50	4.63	88	43	48	50	50	88	49	54	54	0.330	0.356	0.359	0.00	0.00	6.4	0.6	2.1	2.1
August	29.752	29.890	29.630	51.9	72.0	66.6	6.75	1.50	83	46	50	51	52	92	48	59	59	0.354	0.369	0.381	0.04	0.08	7.4	4.4	1.1	2.2
September	29.707	29.900	29.460	52.6	75.1	68.7	7.77	6.50	99	44	46	46	48	81	39	61	61	0.319	0.324	0.339	0.00	0.00	4.5	2.8	5.5	1.5
October	29.825	30.010	29.640	51.2	69.1	61.6	6.71	3.47	91	40	44	45	46	78	46	60	60	0.288	0.302	0.322	0.44	0.43	3.8	2.5	2.6	2.9
November	29.901	30.060	29.706	49.3	70.4	62.8	7.2	8.44	7.58	88	35	36	36	40	66	33	48	0.220	0.231	0.259	0.89	0.76	2.7	1.9	3.1	2.9
December	29.927	30.190	29.460	45.0	69.8	65.6	0.62	9.41	5.52	80	30	35	36	38	71	45	57	0.216	0.222	0.244	2.04	0.83	4.6	3.6	4.6	4.1
Year	29.819	30.200	29.440	49.4	67.8	62.8	7.1	0.46	6.58	99	30	42	42	45	77	44	56	0.274	0.284	0.305	10.19	1.67	4.4	2.1	2.8	2.8

SANTA FE, N. MEX.

[$\phi=35^{\circ} 41' N.$; $\lambda=106^{\circ} 57' W.$]

January	23.221	23.630	22.820	19.1	32.5	31.0	38.1	11.6	0.27	50	3	9	12	12	62	39	42	0.063	0.070	0.071	0.13	0.07	1.4	1.3	1.3	1.4
February	23.254	23.490	22.980	27.7	41.1	41.8	46.6	6.24	8.35	60	13	18	18	18	66	40	41	0.099	0.100	0.102	0.24	0.08	3.2	3.8	3.8	3.5
March	23.028	23.280	22.680	26.6	38.3	39.6	44.0	0.23	4.33	58	9	17	18	17	68	46	43	0.093	0.098	0.095	1.12	0.37	4.9	4.6	3.8	4.8
April	23.157	23.540	22.770	36.2	51.8	52.8	57.5	5.33	6.45	69	19	24	28	22	62	35	34	0.131	0.125	0.119	1.20	0.38	2.6	4.0	4.5	3.7
May	23.207	23.430	23.080	47.0	63.6	63.8	68.7	4.3	4.66	77	34	31	29	24	66	29	23	0.177	0.169	0.163	0.80	0.70	3.3	4.2	5.1	4.1
June	23.299	23.530	23.040	58.7	77.9	78.3	83.4	1.68	6.6	82	38	33	30	27	40	19	18	0.197	0.173	0.157	0.31	0.20	9.1	1.6	4.0	2.0
July	23.326	23.540	23.102	63.8	87.6	87.9	97.9	8.53	8.67	86	40	47	46	48	69	37	39	0.330	0.317	0.310	1.53	0.66	4.1	3.5	6.5	4.5
August	23.249	23.510	23.150	66.0	77.6	78.6	81.7	7.54	4.98	87	45	43	40	38	63	29	28	0.268	0.260	0.244	0.71	0.17	1.8	2.4	4.9	3.1
September	23.334	23.570	23.270	68.6																						

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

SAN JOSE, CALIF.

[H₀=141 ft.; h₁=12 ft.; h₂=3 ft.; h₃=110 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	82° or below	80° or above	Thunderstorms	Auroras
	Miles		Mi.																									
January	5.5	S.	30	NE.	0	4	0	0	2	1	0	4	20	0	17	6	8	5	4	0	0	0	3	0	0	15	0	0
February	5.0	NW.	33	NW.	0	3	1	0	0	1	2	0	22	0	11	9	9	9	4	0	0	0	5	0	0	0	0	0
March	7.0	NW.	33	NW.	0	4	0	0	2	0	4	2	19	0	16	3	12	9	8	0	0	0	1	0	0	0	0	0
April	7.4	NW.	29	NW.	0	3	1	0	0	0	5	1	20	0	18	6	6	6	4	2	0	0	0	0	0	0	0	0
May	6.9	NW.	24	NW.	0	11	0	0	0	0	0	0	20	0	23	7	1	1	1	1	0	0	0	0	0	0	0	0
June	7.0	NW.	23	NW.	0	9	0	0	0	0	0	0	1	20	0	27	1	2	0	0	0	0	0	0	0	0	0	0
July	7.0	NW.	24	SE.	0	7	0	0	0	0	0	0	24	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0
August	6.1	NW.	20	NW.	0	8	0	0	0	0	0	0	25	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0
September	5.6	NW.	27	SW.	0	4	0	0	0	0	0	0	23	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0
October	6.2	S.	27	SW.	0	6	0	0	2	2	3	3	18	0	19	7	7	8	6	0	0	0	0	0	0	0	0	0
November	5.4	S.	36	N.	0	4	2	0	0	0	0	1	18	0	14	8	8	8	0	0	0	0	2	2	0	0	0	0
December	5.2	S.	35	SE.	0	5	0	2	4	4	2	3	11	0	9	8	14	12	10	0	0	0	5	0	0	0	0	0
Year	6.2	NW.	36	N.	0	86	4	2	10	10	19	12	243	0	234	67	65	46	36	0	0	1	19	0	9	23	1	0

SAN JUAN, P. R.

[H₀=82 ft.; h₁=9 ft.; h₂=4 ft.; h₃=54 ft.]

January	15.2	E.	42	E.	3	0	1	16	5	8	1	0	0	0	10	16	5	25	20	0	0	0	0	0	0	0	0	1	0
February	13.4	E.	42	E.	1	0	4	10	3	8	2	0	2	0	8	12	9	22	18	0	0	0	0	0	0	0	0	1	0
March	10.0	E.	31	E.	0	1	0	7	2	14	5	1	1	0	15	11	5	5	2	0	0	0	0	0	0	0	0	0	0
April	10.7	E.	31	E.	0	1	0	21	4	2	2	0	0	0	11	16	3	16	10	0	0	0	0	0	0	0	0	0	0
May	10.4	E.	32	E.	0	0	0	22	8	0	1	0	0	0	6	23	2	20	17	0	0	0	0	0	0	0	0	0	0
June	12.8	E.	38	E.	0	0	0	29	1	0	0	0	0	0	8	15	7	21	16	0	0	0	0	0	0	0	0	0	0
July	17.2	E.	42	E.	1	0	0	31	0	0	0	0	0	0	9	20	2	17	14	0	0	0	0	0	0	0	0	0	0
August	13.2	E.	43	NE.	1	0	1	21	2	5	0	0	1	1	9	11	11	18	16	0	0	0	0	0	0	0	1	0	5
September	9.3	E.	40	E.	1	0	0	16	4	9	1	0	0	0	5	19	16	14	9	0	0	0	0	0	0	0	0	0	11
October	9.0	E.	44	NE.	1	0	1	11	7	9	3	0	0	0	5	20	6	18	13	0	0	0	0	0	0	0	2	0	11
November	8.9	E.	33	NE.	0	0	3	9	10	4	0	3	1	0	0	21	9	20	18	0	0	0	0	0	0	0	0	0	6
December	15.8	E.	43	E.	1	0	0	24	7	0	0	0	0	0	7	21	3	27	27	0	0	0	0	0	0	0	0	0	0
Year	12.2	E.	44	NE.	9	2	10	217	53	59	15	4	5	1	93	206	68	223	180	0	0	0	0	0	8	0	51	0	

SAN LUIS OBISPO, CALIF.

[H₀=201 ft.; h₁=22 ft.; h₂=23 ft.; h₃=40 ft.]

January	4.7	N.	13	NE.	0	21	8	3	1	3	6	1	25	4	19	10	2	2	0	0	0	0	5	0	0	0	7	0	0
February	3.1	N.	22	NE.	0	11	0	1	1	4	6	3	22	1	15	7	4	2	1	0	0	0	0	0	0	0	0	0	0
March	4.9	NW.	23	W.	0	9	3	1	5	3	3	4	20	5	17	10	4	11	10	0	0	0	2	1	0	0	0	1	0
April	4.6	NW.	20	W.	0	10	4	0	4	8	4	8	21	1	14	9	7	5	2	0	0	0	0	0	0	0	0	0	0
May	4.6	NW.	17	W.	0	9	1	2	1	5	11	5	26	2	22	8	1	0	0	0	0	0	0	0	0	0	0	0	0
June	4.6	NW.	20	W.	0	7	3	1	1	4	4	1	37	2	25	4	1	0	0	0	0	0	0	0	0	0	0	0	0
July	4.2	NW.	14	NW.	0	8	0	1	2	2	6	5	34	4	26	5	0	0	0	0	0	0	0	0	0	0	0	0	0
August	3.8	NW.	18	NW.	0	12	1	0	3	2	7	6	30	1	27	4	0	0	0	0	0	0	0	0	0	0	0	0	0
September	3.9	NW.	17	NW.	0	14	1	2	1	3	5	4	28	2	27	3	0	0	0	0	0	0	0	0	0	0	0	0	0
October	4.4	NW.	24	W.	0	16	4	0	2	8	6	2	23	2	21	7	3	6	4	0	0	0	0	0	0	0	0	0	0
November	3.8	N.	27	NE.	0	20	6	1	0	5	1	4	17	6	19	9	2	3	2	0	0	0	0	2	0	0	0	0	0
December	3.6	N.	19	W.	0	11	9	0	3	4	1	6	22	6	18	5	8	8	8	0	0	0	0	2	0	0	0	0	0
Year	4.2	NW.	27	NE.	0	148	49	12	24	51	59	49	304	36	258	81	32	42	29	0	0	0	2	12	0	3	9	1	0

SANTA FE, N. MEX.

[H₀=7,013 ft.; h₁=36 ft.; h₂=31 ft.; h₃=53 ft.]

January	7.4	N.	28	SW.	0	17	23	4	2	0	5	2	9	0	25	5	1	3	1	4	4	3	0	1	5	0	31	0	0
February	7.0	N.	34	N.	0	14	14	4	7	4	6	5	4	0	15	9	5	5	4	6	6	3	0	1	1	0	29	0	0
March	8.1	SE.	35	SW.	0	7	8	3	11	10	5	10	7	1	12	10	9	13	10	17	12	0	0	0	0	0	23	0	0
April	7.8	SE.	36	W.	0	4	7	7	13	3	12	6	4	0	17	8	5	6	5	6	5	1	0	0	0	0	10	2	0
May	7.8	SE.	32	W.	0	4	2	7	17	11	4	8	10	5	0	14	15	2	3	3	0	0	0	0	0	0	0	11	0
June	6.6	SW.	22	SW.	0	5	9	10	13	2	10	3	0	0	21	9	0	3	2	0	0	0	0	0	0	0	3	0	4
July	5.9	E.	26	E.	0	5	9	15	11	5	7	6	4	0	8	21	2	15	7	7	0	0	0	0	0	0	0	0	21
August	5.7	E.	29	N.	0	8	6	11	14	2	6	8	4	3	21	9	1	10	6	0	0	0	2	0	0	0	0	0	12
September	6.2	E.	33	SW.	0	7	9	11	7	5	10	8	0	3	24	5	1	7	5	0	0	0	0	1	0	0	0	0	4
October	7.3	SE.	30	W.	0	9	10	4	20	7	7	2	3	0	22	7	2	1	1	1	1	1	0	0	0	0	5	4	
November	6.8	N.	34	W.	0	14	17	7	14	5	1	0	2	0	30														

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

SAULT STE. MARIE, MICH.

[$\phi=46^{\circ} 30' N.$; $\lambda=84^{\circ} 21' W.$]

Month	Pressure		Temperature							Moisture																
	Extremes		Mean					Extremes	Dew point	Relative humidity		Vapor pressure		Precipitation	Cloudiness											
	Monthly mean	Minimum	8 a. m.	Noon, local time	8 p. m.	Monthly	Maximum	Minimum	8 a. m.	Noon, local time	8 p. m.	8 a. m.	Noon, local time	8 p. m.	Total	Maximum in 24 hours	8 a. m.	Noon, local time	8 p. m.	Daylight						
																					In.	In.	In.	In.	In.	In.
January	29.310	29.770	28.650	4.8	9.4	10.5	17.0	-0.6	8.2	34	-26	2	6	8	85	85	90	0.053	0.062	0.069	2.71	0.40	7.6	8.5	8.3	8.5
February	29.444	30.050	28.940	6.2	11.6	15.6	21.0	3.3	12.2	38	-17	4	11	12	88	79	84	0.053	0.071	0.073	1.02	0.32	7.0	8.5	8.3	8.6
March	29.257	29.640	28.700	21.2	23.0	24.28	28.6	19.1	26.2	47	1	18	22	23	84	71	78	0.101	0.122	0.123	1.89	0.45	6.5	6.5	6.5	6.1
April	29.276	29.860	28.950	32.7	34.1	35.7	34.5	28.0	36.5	66	6	26	27	28	77	59	70	0.142	0.146	0.155	1.59	0.64	5.7	6.5	6.5	5.4
May	29.126	29.450	28.700	41.9	43.9	44.6	43.3	36.5	44.9	70	26	34	36	34	74	61	62	0.200	0.215	0.198	1.58	0.53	6.3	6.5	6.5	6.1
June	29.230	29.440	28.320	53.6	53.6	56.0	46.7	45.2	56.2	79	37	45	45	45	77	57	61	0.320	0.342	0.318	1.39	0.48	6.0	6.5	6.5	4.5
July	29.263	29.532	28.913	53.3	53.3	56.4	47.1	51.9	61.7	84	44	52	55	54	81	64	69	0.401	0.444	0.425	2.26	0.86	5.8	6.5	6.5	5.2
August	29.259	29.540	28.320	57.4	58.6	59.8	48.8	52.1	61.0	84	44	54	54	54	87	64	73	0.417	0.420	0.434	2.78	0.94	6.3	6.5	6.5	6.0
September	29.367	29.650	28.300	48.9	48.9	53.3	46.0	45.1	52.6	71	35	45	47	47	89	70	80	0.316	0.340	0.336	1.06	0.72	6.3	6.3	6.3	5.7
October	29.481	29.797	29.020	42.5	42.5	49.3	35.8	40.3	49.4	74	27	39	44	43	89	68	78	0.248	0.294	0.280	0.38	0.14	4.7	5.0	5.0	4.6
November	29.204	29.880	28.540	30.0	30.3	33.2	23.8	25.6	31.8	57	7	26	28	29	85	80	87	0.150	0.162	0.168	0.36	0.83	9.1	8.0	8.0	6.6
December	29.338	30.010	28.374	11.5	11.6	16.4	20.8	6.9	13.8	36	-11	7	12	11	82	83	82	0.069	0.080	0.078	0.33	0.93	7.9	8.2	7.8	8.8
Year	29.298	30.050	28.374	34.1	34.2	39.7	26.3	29.4	37.9	84	-26	30	32	32	83	70	77	0.206	0.225	0.221	24.51	2.78	6.5	6.6	6.6	6.4

SAVANNAH, GA.

[$\phi=32^{\circ} 06' N.$; $\lambda=81^{\circ} 05' W.$]

January	30.146	30.650	29.650	44.1	54.1	50.4	58.6	40.4	49.5	78	20	38	42	41	80	64	72	0.260	0.295	0.297	2.78	1.02	5.3	5.9	5.2	5.7
February	30.028	30.398	29.500	43.7	55.1	51.1	58.9	41.5	50.2	78	28	37	39	37	77	58	62	0.238	0.261	0.259	1.62	1.15	3.8	4.5	3.3	4.0
March	29.849	30.180	29.300	46.4	60.1	55.8	63.8	46.8	55.3	85	29	42	44	44	76	57	65	0.286	0.301	0.303	4.54	1.86	4.6	5.2	3.4	4.8
April	29.946	30.290	29.620	60.5	70.0	64.4	73.7	57.0	65.4	84	40	54	52	54	79	58	71	0.426	0.417	0.437	3.57	1.81	5.5	6.0	5.0	4.5
May	29.867	30.038	29.540	69.0	79.0	72.7	81.8	63.5	72.6	93	52	59	56	58	73	47	62	0.525	0.475	0.509	1.49	0.85	3.9	5.0	4.0	4.4
June	29.913	30.040	29.700	77.4	87.8	80.0	89.0	72.0	81.3	101	65	71	70	71	81	57	79	0.756	0.729	0.767	3.86	0.97	4.5	5.4	7.0	5.2
July	29.944	30.100	29.720	77.7	86.1	79.9	89.9	72.7	81.2	99	68	72	73	72	84	65	79	0.800	0.809	0.796	6.09	1.45	4.6	5.6	7.0	6.3
August	29.920	30.070	29.530	77.7	88.8	80.9	91.1	73.5	82.3	97	69	72	72	73	84	59	77	0.796	0.814	0.803	1.06	0.26	4.4	4.4	3.2	3.6
September	29.927	30.140	29.500	70.7	77.8	77.3	81.0	67.7	74.4	92	57	66	68	67	87	73	83	0.661	0.691	0.679	2.88	1.06	4.8	7.2	4.9	5.9
October	30.067	30.332	29.720	59.7	77.0	66.5	77.3	67.5	65.2	80	45	55	56	57	85	62	75	0.449	0.465	0.475	1.74	1.44	4.2	5.1	3.7	5.1
November	30.082	30.390	29.510	52.6	66.6	55.9	69.4	50.0	59.7	81	32	47	49	50	81	56	73	0.337	0.378	0.386	0.49	0.27	2.7	2.5	1.5	2.2
December	30.147	30.520	29.700	46.0	53.8	45.3	57.6	45.6	54.1	80	30	44	47	46	84	69	76	0.321	0.369	0.338	3.44	1.82	4.7	6.1	5.1	5.9
Year	29.966	30.650	29.300	61.0	71.1	65.5	74.5	57.4	65.9	101	20	55	56	56	81	60	73	0.488	0.498	0.502	57.72	10.06	4.3	5.2	4.5	4.7

SCRANTON, PA.

[$\phi=41^{\circ} 24' N.$; $\lambda=75^{\circ} 42' W.$]

January	29.266	29.840	28.460	25.3	31.4	29.8	37.8	20.2	29.0	58	0	22	22	21	84	68	67	0.129	0.133	0.126	3.73	1.74	6.5	6.6	5.5	6.3
February	29.185	29.774	28.680	21.5	28.3	27.2	32.7	18.7	25.7	46	6	19	22	19	83	75	71	0.098	0.119	0.106	2.67	1.34	7.6	7.5	6.1	7.1
March	29.939	29.340	28.380	32.1	37.9	36.3	42.3	29.4	35.8	60	19	28	31	30	84	78	78	0.155	0.179	0.171	3.98	0.96	7.0	7.2	5.5	6.5
April	29.112	29.457	28.548	41.8	51.0	48.3	55.7	36.6	46.2	77	22	36	44	43	87	79	82	0.237	0.295	0.290	3.20	0.86	5.8	6.7	5.3	6.1
May	29.969	29.310	28.500	52.2	59.8	56.1	64.0	44.9	55.0	81	36	48	53	51	85	79	84	0.343	0.411	0.393	3.21	0.76	6.0	7.4	7.9	7.0
June	29.108	29.477	28.800	63.1	70.8	67.5	75.1	55.6	65.4	86	39	58	60	60	84	71	76	0.493	0.530	0.523	2.22	0.60	6.1	6.7	5.8	6.0
July	29.159	29.405	28.780	67.8	73.4	73.4	80.9	58.8	80.8	91	49	62	65	64	86	72	87	0.574	0.618	0.596	3.65	2.60	4.8	6.9	4.6	5.2
August	29.160	29.420	28.800	64.6	75.8	72.1	80.3	58.3	80.8	88	44	61	62	62	87	85	70	0.539	0.574	0.561	3.53	1.31	5.1	5.9	3.3	5.0
September	29.223	29.736	28.788	55.2	65.7	60.5	68.7	49.3	59.0	88	37	52	58	56	91	78	85	0.406	0.462	0.464	7.35	5.00	5.9	7.0	5.7	6.4
October	29.355	29.630	28.608	43.2	55.9	45.3	63.5	40.2	51.8	78	31	41	49	47	92	68	78	0.361	0.351	0.327	0.09	0.06	4.2	4.0	2.6	3.9
November	29.207	29.620	28.480	36.2	44.8	40.0	49.0	32.8	40.9	71	14	33	36	34	86	72	78	0.197	0.227	0.208	1.63	1.37	6.4	5.6	4.6	6.1
December	29.271	29.730	28.340	26.0	36.0	26.5	35.5	22.2	28.8	60	4	22	24	25	83	77	82	0.130	0.140	0.140	1.06	0.23	7.6	7.8	5.6	7.7
Year	29.166	29.840	28.340	44.1	52.6	46.9	57.1	39.0	48.1	93	0	40	44	43	86	73	77	0.297	0.336	0.325	34.07	5.06	6.0	6.5	5.2	6.1

SEATTLE, WASH.

[$\phi=47^{\circ} 38' N.$; $\lambda=122^{\circ} 20' W.$]

January	30.043	30.490	29.521	30.1	42.0	44.3	45.5	36.7	41.0	59	17	25	26	27	84	79	78	0.208	0.217	0.223	4.10	0.71	8.0	8.8	8.6	8.7
February	30.038	30.420	29.610	43.6	48.8	48.8	50.8	41.2	46.0	57	80	40	40	41	85	75	75	0.248	0.253	0.260	5.66	1.90	9.4	8.4	7.9	8.1
March	29.951	30.280	29.336	40.4	46.6	44.8	50.5	38.2	44.4	56	32	46	35	34	84	86	86	0.311	0.296	0.296	1.06	0.42	5.6	6.5	4.5	7.0
April	30.041	30.393	29.600	43.5																						

MONTHLY AND ANNUAL SUMMARIES

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Annual meteorological summary for the year ending December 31, 1924—Continued

SAULT STE. MARIE, MICH.

[H₀=614 ft.; h₁=11 ft.; h₂=-3 ft.; h₃=-52 ft.]

Month	Wind											Number of days																	
	By self-register					Number of winds, 8 a. m. and 8 p. m.						Clear	Partly cloudy	Cloudy	Precipitation		Snow		Dense fog	Maximum temp.		Minimum temperature 32° or below	Thunderstorms	Auroras					
	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	0.01 inch and over		0.04 inch and over	T. or more				0.01 inch or more melted	Hail	32° or below	90° or above	
	Miles	SE.	MI.	NW.																									
January	7.8	SE.	35	NW.	0	3	5	13	12	4	9	5	6	5	2	5	24	19	15	24	19	0	1	26	0	31	0	0	
February	7.8	SE.	34	NW.	0	0	11	7	11	1	3	8	12	0	0	6	10	13	10	10	10	0	0	16	0	25	0	0	
March	9.9	NW.	35	NW.	0	0	8	3	3	0	3	10	24	0	0	7	11	13	10	10	6	0	0	16	0	36	0	0	
April	9.6	NW.	34	NW.	0	0	9	2	11	10	2	4	15	13	1	9	13	8	11	7	7	0	0	0	20	0	0	0	
May	10.1	NW.	45	NW.	2	2	1	5	7	7	7	14	20	0	0	8	11	12	11	8	5	2	0	0	1	7	0	0	
June	6.7	NW.	35	NW.	0	0	0	6	8	10	2	5	9	19	1	10	16	4	10	8	0	0	0	0	0	0	2	0	0
July	6.7	NW.	32	NW.	0	0	3	3	6	9	2	7	12	20	0	7	19	5	12	7	0	0	0	0	0	0	4	0	0
August	6.4	NW.	23	NW.	0	0	4	5	4	12	2	6	5	19	5	7	14	10	11	11	0	0	0	0	0	0	4	0	0
September	8.4	NW.	40	NW.	1	1	5	3	7	15	2	3	8	15	2	11	9	10	8	5	0	0	0	1	1	0	0	1	0
October	7.3	SE.	36	SW.	0	0	5	1	9	20	2	7	5	10	3	12	13	6	5	4	0	0	0	0	0	0	0	0	0
November	10.4	NW.	46	NW.	2	2	5	4	5	10	5	11	9	10	1	2	4	24	16	14	12	11	1	1	0	23	1	1	
December	9.6	SW.	47	NW.	1	1	8	5	18	11	1	14	2	8	0	1	6	24	19	15	23	19	0	0	26	0	31	0	0
Year	8.3	NW.	47	NW.	6	49	61	93	130	24	79	102	176	18	82	131	153	138	108	96	74	0	13	109	0	173	14	0	0

SAVANNAH, GA.

[H₀=65 ft.; h₁=150 ft.; h₂=-143 ft.; h₃=-194 ft.]

January	12.0	NW.	44	S.	1	7	15	6	3	6	1	9	15	0	13	4	14	10	10	0	0	0	0	3	1	0	6	0	0
February	14.1	NW.	40	NE.	2	1	10	8	2	8	7	13	14	0	0	15	7	7	7	3	0	0	0	2	0	0	2	0	0
March	14.9	NW.	45	SE.	5	3	3	5	5	10	9	9	18	0	0	15	6	10	9	7	0	0	0	0	0	0	2	2	0
April	12.1	SW.	38	NW.	0	0	1	8	5	8	11	7	13	7	0	14	6	10	6	6	0	0	0	3	0	0	0	4	0
May	12.3	W.	36	SW.	0	0	2	2	3	3	5	16	5	20	7	2	10	14	7	5	3	0	0	0	0	0	0	5	0
June	10.1	SW.	44	W.	1	1	2	2	3	4	16	14	12	7	6	11	14	5	14	9	0	0	0	0	0	18	0	16	0
July	8.7	SW.	42	W.	1	3	3	7	6	10	13	7	8	4	1	11	9	11	16	14	0	0	0	0	0	0	12	0	13
August	9.4	SW.	43	N.	2	3	12	8	10	13	7	8	3	6	0	16	14	1	10	10	0	0	0	0	0	20	0	4	0
September	10.4	NE.	44	NW.	2	1	4	22	8	9	5	2	5	5	0	9	8	13	17	14	0	0	0	1	0	0	0	0	0
October	11.6	NE.	40	NW.	0	0	6	37	13	1	0	1	3	1	0	13	6	12	5	4	0	0	0	0	0	0	0	0	0
November	11.0	W.	46	NW.	1	7	12	7	3	4	7	10	8	1	23	3	4	4	3	2	0	0	0	2	0	0	0	0	0
December	11.7	NE.	32	S.	0	4	18	4	3	13	3	9	8	0	12	5	14	13	11	0	0	0	0	0	0	7	0	3	1
Year	11.5	NE.	48	SE.	14	47	149	65	59	117	76	118	97	4	182	96	108	115	93	0	0	0	20	1	54	14	58	0	0

SCRANTON, PA.

[H₀=805 ft.; h₁=111 ft.; h₂=-102 ft.; h₃=-119 ft.]

January	9.6	SW.	40	SW.	2	5	1	2	3	18	16	6	10	0	6	14	11	8	6	9	0	0	0	0	0	0	0	0	0
February	7.7	NW.	30	NE.	0	10	12	0	1	7	8	10	12	0	0	4	10	15	10	9	21	8	4	0	0	1	13	0	28
March	9.2	NW.	33	SW.	0	9	14	0	1	5	8	10	15	0	5	13	13	8	5	13	5	0	0	0	2	0	22	0	
April	8.0	NW.	38	SW.	0	10	4	1	8	10	5	9	13	0	9	9	12	10	10	3	1	0	0	0	1	0	5	1	
May	8.2	S.	33	SW.	0	7	10	1	3	15	13	4	9	0	3	15	13	16	15	0	0	0	0	0	0	0	0	4	
June	5.7	S.	33	SW.	0	12	5	1	2	23	8	5	4	0	7	10	13	14	11	0	0	0	0	0	0	0	0	6	
July	6.2	SW.	27	W.	0	9	5	1	2	11	18	5	11	0	9	14	8	9	8	0	0	0	0	0	0	1	0	6	
August	6.1	N.	27	W.	0	9	6	1	4	12	11	2	17	0	9	17	5	12	8	0	0	0	0	0	0	2	0	5	
September	6.0	N.	37	W.	0	18	3	3	9	9	7	4	7	0	8	7	15	10	7	0	0	1	1	0	0	0	0	1	
October	5.5	N.	25	SW.	0	23	7	2	3	7	10	5	4	0	18	8	5	1	1	1	0	0	2	0	0	2	0	0	
November	7.8	SW.	37	W.	0	7	1	3	3	12	18	11	5	0	7	11	12	7	5	7	4	0	1	3	0	13	0	0	
December	8.3	SW.	37	SW.	0	5	5	1	2	12	22	10	5	0	3	7	21	12	9	13	5	9	4	12	0	25	0	0	
Year	7.4	SW.	42	SW.	2	124	73	19	40	141	144	79	112	0	88	135	143	117	94	67	27	1	9	28	2	123	24	0	

SEATTLE, WASH.

[H₀=126 ft.; h₁=215 ft.; h₂=-209 ft.; h₃=-250 ft.]

January	8.1	SE.	43	SW.	1	6	7	9	20	12	5	1	1	0	2	3	26	22	19	2	1	0	0	0	2	0	7	0
February	9.3	S.	37	SW.	0	2	4	3	18	20	7	1	3	0	0	6	23	20	19	0	0	0	0	0	0	0	1	0
March	8.1	S.	54	SW.	1	15	6	7	13	11	5	2	2	1	4	11	16	11	3	1	1	0	0	0	0	0	0	0
April	9.1	S.	38	S.	0	14	5	4	6	12	7	3	8	1	7	8	15	8	6	3	2	0	0	0	0	0	0	0
May	7.4	N.	25	S.	0	25	6	4	2	11	6	2	4	2	9	14	8	4	2	0	0	0	0	0	0	0	0	0
June	7.4	N.	36	SW.	0	10	8	2	7	19	8	3	12	0	8	9	13	4	3	0	0	0	0	0	0	0	0	0
July	6.7	NE.	22	NE.	0	12	10	2	4	13	3	4	10	3	13	8	10	5	3	0	0	0	0	0	0	0	0	0
August	6.8	S.	44	S.	0	12	4	3	4	15	6	1	15	2	14	4	11	6	8	6	0	0	0	0	0	0	0	0
September	8.4	S.	44	S.	1	1	6	4	4	18	5	0	4	2	2	11	13	17	14	0	0	0	0	0	0	0	0	1
October	10.7	SE.	47	S.	3	6	4	4	7	12	5	2	14	4	11	8	11	9	8	0	0	0	0	0	0	0	0	1
November	9.4	S.	38	SW.	3																							

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

SHERIDAN, WYO.

[φ=44° 48' N.; λ=106° 57' W.]

Table for Sheridan, Wyo. with columns for Pressure, Temperature, and Moisture. Rows include monthly data from January to December and a yearly total.

SHREVEPORT, LA.

[φ=32° 30' N.; λ=93° 40' W.]

Table for Shreveport, La. with columns for monthly weather data. Rows include monthly data from January to December and a yearly total.

SIoux CITY, IOWA

[φ=42° 20' N.; λ=96° 24' W.]

Table for Sioux City, Iowa with columns for monthly weather data. Rows include monthly data from January to December and a yearly total.

SPOKANE, WASH.

[φ=47° 40' N.; λ=117° 20' W.]

Table for Spokane, Wash. with columns for monthly weather data. Rows include monthly data from January to December and a yearly total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

SHERIDAN, WYO.

[H₁=3,790 ft.; h₁=10 ft.; h₂=3 ft.; h₃=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	99° or above	Minimum temperature 32° or below	Thunderstorms	Auroras
											Miles		Mi.																	
January	3.6	S.	34	NW.	0	2	2	2	7	19	8	4	17	1	5	18	8	9	7	9	9	0	0	2	16	0	31	0	0	
February	5.0	NW.	36	NW.	0	1	0	1	5	14	9	9	19	0	10	7	12	9	11	11	11	0	0	2	3	0	29	0	0	
March	5.5	NW.	29	NW.	0	3	5	2	7	13	11	2	19	0	7	7	11	19	16	12	22	16	0	0	17	0	31	0	0	
April	7.1	NW.	33	NW.	0	0	6	3	2	5	7	3	4	26	2	7	11	12	14	10	8	4	1	0	0	0	19	0	0	
May	6.0	NW.	49	NW.	2	5	8	4	2	17	4	2	18	2	11	9	11	14	8	8	2	0	0	0	0	0	6	5	0	
June	5.2	NW.	35	NW.	0	1	2	3	12	14	6	3	15	6	10	14	6	12	7	0	0	0	0	0	0	0	0	0	0	0
July	4.3	S.	35	NW.	0	1	2	3	12	14	6	3	15	6	18	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0
August	4.1	NW.	29	NW.	0	4	7	3	5	18	6	6	12	1	19	11	1	4	3	0	0	1	0	0	0	0	0	7	2	0
September	4.1	NW.	28	NW.	0	4	5	3	5	11	12	4	15	1	14	10	6	1	0	0	0	0	0	0	0	0	0	7	2	0
October	4.6	NW.	28	SW.	0	2	1	1	10	14	9	2	21	2	11	10	6	5	1	0	0	0	1	0	0	11	3	0	0	
November	5.4	NW.	36	NW.	0	1	3	1	5	21	8	3	18	0	13	10	7	10	5	9	6	0	0	0	2	0	26	0	0	
December	5.0	NW.	38	NW.	0	5	6	0	3	15	3	7	21	2	10	8	13	15	11	15	14	0	0	0	18	0	28	0	0	
Year	4.9	NW.	46	NW.	2	38	49	28	73	173	85	52	215	19	135	125	106	126	85	78	57	2	5	56	10	190	35	0	0	0

SHREVEPORT, LA.

[H₁=249 ft.; h₁=77 ft.; h₂=70 ft.; h₃=93 ft.]

January	6.6	S.E.	24	W.	0	10	5	5	17	6	3	6	10	0	16	3	12	9	6	1	0	0	0	0	1	0	13	1	0	0
February	7.1	NW.	29	W.	0	9	7	3	6	9	5	6	13	0	9	5	15	10	8	1	0	0	0	0	0	0	0	4	1	0
March	8.0	NW.	29	S.	0	10	4	7	11	10	3	4	13	0	14	6	11	9	6	1	1	0	0	0	0	0	0	4	3	0
April	7.3	S.	32	S.	0	7	4	5	15	20	2	2	5	0	11	11	8	9	6	0	0	0	0	0	0	0	0	6	0	0
May	6.8	S.	42	NW.	1	4	7	3	3	27	4	2	12	0	14	8	9	12	10	0	0	0	0	0	0	0	0	9	9	0
June	6.9	S.	25	S.	0	2	3	3	2	37	10	2	1	0	18	8	4	4	4	2	0	0	0	0	0	21	0	3	0	
July	6.4	S.	20	S.	0	4	13	3	6	22	11	2	1	0	24	7	0	0	0	0	0	0	0	0	0	0	0	1	0	
August	6.0	S.	29	NW.	0	0	7	7	10	26	9	0	2	1	22	8	1	5	2	2	0	0	0	0	0	30	0	7	0	
September	6.2	N.E.	26	W.	0	9	17	5	10	12	1	0	6	0	20	7	3	6	3	0	0	0	0	0	0	0	11	0	0	
October	5.3	N.E.	23	S.	0	2	22	13	13	9	1	0	1	0	28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
November	6.4	S.E.	28	S.	0	5	7	2	17	8	4	9	5	0	14	10	6	3	3	0	0	0	0	0	0	0	0	0	0	
December	7.8	S.E.	27	S.	0	6	13	9	14	5	5	4	6	0	13	8	10	9	6	1	0	0	0	0	1	0	11	3	0	
Year	6.7	S.	42	NW.	1	68	109	65	124	191	58	37	78	2	204	83	79	70	62	4	1	0	3	2	86	33	37	0	0	

SIoux CITY, IOWA

[H₁=1,355 ft.; h₁=94 ft.; h₂=86 ft.; h₃=164 ft.]

January	11.4	NW.	37	NW.	0	1	3	2	18	7	2	9	20	0	14	10	7	4	2	11	4	0	7	19	0	31	0	0	0
February	11.0	NW.	44	NW.	2	6	5	6	12	4	2	3	24	0	13	8	8	5	5	15	8	0	4	12	0	26	0	0	0
March	10.7	NW.	40	E.	1	8	13	4	4	1	1	7	24	0	8	4	10	10	6	1	1	0	0	0	0	0	23	1	0
April	14.6	NW.	45	NW.	3	4	1	5	7	16	4	6	17	0	11	12	6	8	3	1	1	0	0	0	0	0	5	1	0
May	12.1	NW.	51	NW.	3	9	6	2	2	7	3	5	28	0	7	13	11	10	6	3	2	0	0	0	0	1	0	3	0
June	11.0	NW.	51	NW.	4	4	6	10	12	4	2	12	0	1	20	9	16	15	0	0	0	0	0	0	0	0	0	15	0
July	9.6	S.	59	E.	2	3	5	11	14	11	4	4	10	0	15	13	3	8	8	0	0	0	0	0	0	3	0	8	0
August	10.4	S.E.	50	NW.	4	7	7	7	19	12	4	1	5	0	13	9	9	11	8	0	0	3	0	0	0	0	0	11	0
September	11.5	S.E.	48	W.	1	7	3	10	20	5	0	3	12	0	10	12	8	8	5	0	0	0	0	0	0	0	0	3	0
October	12.0	S.E.	45	W.	1	3	6	4	26	11	2	8	2	0	16	9	6	1	1	0	0	0	0	0	0	0	0	2	0
November	12.8	NW.	48	NW.	2	8	3	1	9	13	3	3	20	0	7	15	8	2	0	7	2	0	0	0	0	0	22	0	0
December	12.8	NW.	42	NW.	1	7	12	3	3	14	2	3	18	0	9	9	13	9	6	11	9	0	2	23	0	30	0	0	0
Year	11.6	NW.	59	E.	24	67	70	65	144	113	31	54	188	0	124	135	107	94	67	56	33	3	15	63	7	137	44	0	0

SPOKANE, WASH.

[H₁=1,929 ft.; h₁=101 ft.; h₂=94 ft.; h₃=110 ft.]

January	4.9	SW.	22	SW.	0	3	19	8	3	2	23	2	2	0	1	8	22	13	10	11	8	0	4	16	0	26	0	0	0
February	6.1	SW.	27	SW.	0	3	4	11	6	2	27	5	0	0	3	11	15	12	9	4	2	1	1	1	0	0	13	0	0
March	6.0	SW.	24	N.	0	8	9	6	2	6	23	6	2	0	5	13	13	7	4	10	5	1	2	0	0	0	18	1	0
April	8.2	SW.	36	N.	0	4	5	7	1	1	35	2	5	0	6	11	13	2	2	3	0	0	0	0	0	0	9	0	0
May	6.1	SW.	26	S.	0	4	11	9	0	3	22	4	8	1	14	17	0	3	1	0	0	0	2	0	0	0	0	1	0
June	6.7	SW.	28	SW.	0	4	4	14	1	8	21	1	7	0	10	13	7	4	2	0	0	0	0	0	0	0	0	0	0
July	5.8	SW.	25	W.	0	3	5	7	2	9	25	4	4	0	2	16	12	3	4	2	0	0	0	0	0	0	0	0	0
August	5.7	SW.	23	NW.	0	3	10	7	1	7	25	5	5	0	0	14	9	3	6	4	0	0	0	0	0	0	0	0	0
September	5.2	SW.	36	S.	0	4	6	13	2	8	23	3	2	0	0	16	4	10	7	5	0	0	0						

Annual meteorological summary for the year ending December 31, 1924—Continued

SPRINGFIELD, ILL.

[φ=39° 48' N.; λ=89° 39' W.]

Table with columns for Month, Pressure, Temperature (Extremes, Mean, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation), and Cloudiness. Rows include months from January to December and a Year total.

SPRINGFIELD, MO.

[φ=37° 12' N.; λ=93° 18' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include months from January to December and a Year total.

SYRACUSE, N. Y.

[φ=43° 02' N.; λ=76° 10' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include months from January to December and a Year total.

TACOMA, WASH.

[φ=47° 16' N.; λ=122° 28' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

SPRINGFIELD, ILL.

[H₀=636 ft.; h₁=10 ft.; h₂=4 ft.; h₃=91 ft.]

Month	Wind											Number of days																	
	By self-register				Number of winds, 8 a. m. and 8 p. m.							Partly cloudy	Cloudy	Precipitation		Snow		Dense fog	Maximum temp.		Minimum temperature 32° or below	Thunderstorms	Auroras						
	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		0.01 inch and over	0.04 inch and over				T. or more	0.01 inch or more melted	Hail	32° or below	90° or above	
	Miles		Mi.																										
January	9.2	S.	23	NW.	0	5	1	1	7	17	8	11	12	0	14	4	13	7	6	11	5	0	15	0	27	0	0		
February	8.8	W.	24	W.	0	7	7	7	3	5	4	17	8	0	13	4	12	10	7	0	10	7	0	1	5	0	25	1	0
March	9.2	NW.	34	SW.	0	13	7	1	7	3	6	8	17	0	4	6	21	12	8	14	8	1	0	4	0	18	3	0	
April	8.6	S.	24	NW.	0	6	0	2	12	14	6	15	5	0	11	10	9	12	9	1	0	0	0	0	0	16	0	0	
May	8.0	W.	28	SW.	0	3	8	1	0	7	16	17	10	0	8	11	12	15	12	0	0	1	0	0	0	0	0	0	
June	7.0	SE.	31	NW.	0	10	5	4	3	15	6	8	10	1	13	11	7	8	2	0	0	0	0	0	0	0	14	0	
July	6.0	S.	24	N.	0	10	5	4	3	15	6	8	10	1	13	11	7	8	2	0	0	0	0	0	0	0	14	0	
August	7.6	N.	39	NW.	0	9	6	7	7	15	6	8	3	0	19	7	5	11	0	0	1	0	0	0	7	0	4	0	
September	6.9	N.	31	NW.	0	10	8	2	18	3	5	7	7	0	12	8	10	9	6	0	0	1	0	0	0	0	4	0	
October	6.5	S.	28	S.	0	7	6	5	18	13	6	5	0	2	22	6	3	6	5	0	0	0	0	0	0	0	3	0	
November	9.5	S.	30	W.	0	8	2	3	2	15	10	13	7	0	13	6	11	7	4	0	0	0	1	0	13	1	1	0	
December	8.8	S.	27	SE.	0	6	6	5	8	9	7	8	13	0	11	7	13	8	8	2	0	0	16	0	24	0	0	0	
Year	8.0	S.	39	NW.	0	87	65	42	99	127	84	123	101	4	145	98	123	120	94	49	23	3	2	44	14	109	53	0	

SPRINGFIELD, MO.

[H₀=1,324 ft.; h₁=98 ft.; h₂=66 ft.; h₃=104 ft.]

January	11.6	S.	30	W.	0	5	3	1	16	13	5	5	14	0	14	7	10	12	9	10	6	0	1	7	0	25	0	0
February	10.8	NW.	34	W.	0	6	3	3	10	4	7	7	18	0	14	4	11	8	5	6	6	1	0	5	0	21	1	0
March	11.9	NW.	58	SW.	2	11	6	7	8	4	2	6	18	0	9	11	9	7	10	6	1	0	2	0	0	19	2	0
April	11.5	SE.	41	SW.	1	5	2	6	13	9	9	7	10	0	16	7	7	10	5	0	0	1	0	0	1	5	0	
May	9.6	NW.	37	W.	0	1	6	4	4	13	5	12	17	0	15	7	9	13	10	0	0	2	0	0	0	9	0	
June	10.3	S.	43	NW.	1	6	2	0	17	21	7	3	4	0	16	11	3	12	12	0	0	0	0	0	0	0	11	0
July	8.0	S.	35	NW.	0	12	7	5	19	10	5	1	3	0	18	10	3	13	13	0	0	0	0	0	3	0	9	0
August	8.6	S.	34	S.	0	3	9	5	21	18	2	2	2	0	24	5	2	9	8	0	0	0	0	0	3	0	9	0
September	9.5	SE.	33	NW.	0	9	9	5	20	8	0	3	4	2	17	9	4	12	8	0	0	0	0	0	0	0	2	0
October	9.1	SE.	36	S.	0	2	6	5	31	12	1	4	1	0	25	3	3	2	0	0	0	0	0	0	0	0	0	0
November	11.7	S.	35	S.	0	5	5	1	11	13	6	7	11	1	18	8	4	6	4	2	0	0	0	0	0	0	2	0
December	11.3	SE.	35	SW.	0	9	5	3	17	5	7	7	9	0	15	5	11	7	4	7	3	0	0	11	9	23	3	0
Year	10.3	SE.	58	SW.	4	74	63	45	187	129	56	64	111	3	201	87	78	115	88	35	16	5	3	25	6	95	50	0

SYRACUSE, N. Y.

[H₀=597 ft.; h₁=97 ft.; h₂=65 ft.; h₃=113 ft.]

January	15.2	W.	49	SW.	6	1	1	0	7	15	18	14	6	0	2	7	22	18	13	20	14	0	0	10	0	26	1	0
February	10.8	W.	42	W.	1	4	5	7	1	9	9	17	6	0	6	5	18	16	13	20	15	0	0	23	0	29	0	0
March	11.8	NW.	37	S.	0	5	3	6	4	5	4	14	21	0	3	8	20	14	5	17	13	0	0	11	0	26	0	0
April	12.8	NW.	45	NW.	2	6	5	6	2	13	4	13	11	0	6	11	13	12	10	5	3	0	0	0	0	0	1	0
May	11.7	W.	39	SW.	0	0	6	12	1	9	10	16	8	0	3	12	16	12	8	2	1	0	0	0	0	0	0	1
June	7.3	W.	32	SW.	2	6	6	3	1	16	7	11	10	0	5	14	11	12	8	0	0	0	0	0	0	0	0	0
July	6.8	S.	36	W.	0	2	4	1	4	11	10	20	9	1	11	11	9	11	11	0	0	0	0	0	0	0	0	0
August	8.1	S.	31	S.	0	4	0	1	1	22	12	12	10	0	9	15	7	10	7	0	0	0	1	0	1	0	6	0
September	9.5	S.	35	S.	0	4	2	6	11	14	6	13	4	0	7	7	16	10	10	0	0	0	0	0	0	0	1	0
October	8.2	S.	36	SW.	0	8	0	0	5	19	12	9	8	1	14	10	7	5	3	3	0	0	0	0	0	0	0	0
November	11.3	S.	42	NW.	2	1	0	1	10	24	8	9	7	0	4	8	18	10	7	9	4	0	0	4	0	12	0	
December	13.4	W.	45	W.	2	3	3	4	0	16	9	16	11	0	2	5	24	16	12	17	11	0	0	1	18	0	28	0
Year	10.6	S.	52	SW.	15	44	36	47	47	173	109	184	111	2	72	113	181	150	112	93	61	0	5	66	1	127	21	0

TACOMA, WASH.

[H₀=194 ft.; h₁=172 ft.; h₂=165 ft.; h₃=201 ft.]

January	5.5	S.	24	S.	0	5	2	1	0	10	5	2	6	0	2	4	25	17	15	2	1	0	0	0	2	0	8	0
February	6.3	S.	37	SW.	0	9	1	2	0	14	4	3	3	0	0	8	21	20	18	0	0	0	0	1	0	0	1	0
March	7.9	S.	37	SW.	0	12	0	0	0	8	7	1	3	0	5	10	16	11	6	1	0	0	0	3	0	0	3	0
April	9.4	SW.	30	SW.	0	12	0	0	0	2	10	4	2	0	4	14	12	8	6	0	0	0	0	0	0	0	0	0
May	7.9	N.	36	SW.	0	17	0	0	0	0	7	3	4	0	7	14	10	3	2	0	0	0	0	0	0	0	0	0
June	8.1	N.	38	SW.	0	18	0	0	0	0	9	1	2	0	5	12	13	2	1	0	0	0	0	0	0	0	0	0
July	7.6	N.	31	SW.	0	14	0	0	1	0	6	7	3	0	7	13	11	5	4	0	0	0	0	0	0	0	0	0
August	6.9	SW.	24	SW.	0	13	0	0	0	3	4	7	3	1	5	16	10	4	3	0	0	0	0	0	0	0	0	0
September	8.2	S.	39	S.	0	12	0	1	0	4	5	6	2	0	8	10	12	8	4	0	0	0	0	0	0	0	0	0
October	8.3	S.	42	S.	1	7	0	2	1	11	7	3	0	0	1	14	16	19	15	0	0	0	0	0	0	0	0	0
November	7.5	S.	42	S.	1	6	2	2	0	11	6	3	0	0	2	10	18	19	14	1	1	0	0	4	0	0	4	0
December	8.7	S.	42	N.	1</																							

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

TAMPA, FLA.

[φ=27° 57' N.; λ=82° 27' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a yearly total.

TATOOSH ISLAND, WASH.

[φ=48° 23' N.; λ=124° 44' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a yearly total.

TAYLOR, TEX.

[φ=30° 35' N.; λ=97° 20' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a yearly total.

TERRE HAUTE, IND.

[φ=30° 29' N.; λ=87° 24' W.]

Table with columns for Month, Pressure, Temperature, Moisture, and Cloudiness. Rows include monthly data from January to December and a yearly total.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

THOMASVILLE, GA.

[φ=30° 48' N.; λ=83° 58' W.]

Table with columns for Pressure, Temperature, and Moisture. Rows include months from January to December and a Year total. Sub-columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

TOLEDO, OHIO

[φ=41° 40' N.; λ=83° 34' W.]

Table with columns for monthly and yearly meteorological data for Toledo, Ohio. Includes values for temperature, precipitation, and other metrics.

TOPEKA, KANS.

[φ=39° 08' N.; λ=95° 41' W.]

Table with columns for monthly and yearly meteorological data for Topeka, Kansas. Includes values for temperature, precipitation, and other metrics.

TRENTON, N. J.

[φ=40° 04' N.; λ=74° 40' W.]

Table with columns for monthly and yearly meteorological data for Trenton, New Jersey. Includes values for temperature, precipitation, and other metrics.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

THOMASVILLE, GA.

[H₁=273 ft.; h₁=49 ft.; h₂=41 ft.; h₃=58 ft.]

Month	Wind										Number of days																		
	By self-register					Number of winds, 8 a. m. and 8 p. m.					Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.		Thunderstorms	Auroras									
	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	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	60° or above	Minimum temperature 32° or below	
																													Miles
January	5.1	NE.	25	SW.	0	11	18	6	1	3	8	0	13	2	7	6	18	12	9	0	0	0	0	1	0	7	0	0	
February	5.4	SW.	24	NE.	0	6	5	8	0	9	10	8	12	0	11	7	11	8	9	0	0	0	0	0	0	2	2	0	
March	6.0	NW.	27	SW.	0	6	6	4	1	11	7	8	17	2	11	6	14	12	8	0	0	0	0	0	0	2	2	0	
April	4.8	NW.	24	SW.	0	6	10	7	5	10	9	5	6	2	9	5	13	7	7	0	0	0	0	0	0	6	6	0	
May	4.3	SW.	18	SW.	0	6	3	5	0	12	13	12	9	2	9	8	13	8	6	0	0	0	0	0	3	6	6	0	
June	3.9	SW.	20	SW.	0	5	5	4	1	13	18	10	3	1	0	15	15	17	14	0	0	0	0	17	0	19	0	0	
July	3.2	SW.	19	SW.	0	4	5	17	1	8	13	7	7	0	3	13	15	20	12	0	0	0	1	0	15	0	23	0	
August	3.7	SW.	19	SW.	0	8	9	9	1	11	6	9	4	5	7	19	5	8	8	0	0	0	0	26	0	12	0	0	
September	4.8	NE.	27	NE.	0	8	24	17	0	2	4	1	4	0	6	9	15	12	8	0	0	0	0	9	0	7	0	0	
October	5.4	NE.	26	NE.	0	5	4	5	0	0	0	0	2	3	1	14	4	13	4	3	0	0	0	0	0	0	0	0	0
November	3.9	NE.	20	NW.	0	7	20	4	0	4	3	6	11	5	20	6	4	2	2	0	0	0	0	0	1	1	0	0	0
December	5.3	NE.	27	SW.	0	11	15	6	2	9	9	0	6	4	9	7	15	11	10	0	0	0	0	0	0	2	2	0	0
Year	4.6	NE.	27	SW.	0	83	165	93	12	92	100	68	95	24	106	109	151	121	93	0	0	0	6	1	70	13	80	0	0

TOLEDO, OHIO

[H₁=628 ft.; h₁=208 ft.; h₂=201 ft.; h₃=243 ft.]

January	17.0	SW.	48	SW.	4	0	0	1	5	8	29	13	6	0	6	9	16	12	11	17	6	0	0	0	14	0	27	0	0
February	15.2	SW.	45	W.	2	8	16	4	2	0	17	5	6	0	7	8	14	13	10	18	9	0	0	1	15	0	0	0	0
March	14.6	NW.	52	SW.	5	13	7	10	3	3	8	6	12	0	5	5	21	15	8	17	10	0	0	0	4	0	23	1	0
April	15.4	SW.	39	SW.	0	5	2	10	6	5	11	11	10	0	10	12	8	12	10	3	3	0	1	0	0	5	4	0	0
May	13.9	SW.	47	SW.	3	5	9	6	2	4	13	11	7	0	9	12	9	14	9	0	0	1	0	0	0	0	5	0	0
June	10.9	SW.	55	W.	3	5	4	7	8	3	19	10	10	0	10	13	7	19	14	0	0	0	1	0	1	0	13	0	0
July	11.8	SW.	52	SW.	3	7	4	6	3	3	19	10	10	0	21	5	5	13	8	0	0	0	0	0	2	0	7	0	0
August	11.2	SW.	72	W.	1	8	1	6	7	5	16	5	14	0	14	4	3	10	6	0	0	0	0	0	5	0	6	0	0
September	12.7	NW.	49	SW.	3	15	3	8	6	4	8	3	13	0	12	3	15	11	7	0	0	0	1	0	0	0	4	0	0
October	11.3	SW.	44	SW.	1	10	3	5	8	6	10	11	7	0	21	7	3	4	4	0	0	2	0	0	0	0	3	0	0
November	17.2	SW.	54	SW.	6	4	1	1	4	5	31	5	9	0	12	10	6	7	4	9	1	0	0	3	0	12	0	0	0
December	16.5	SW.	54	W.	4	5	6	2	2	4	31	6	6	0	8	5	18	14	8	13	5	0	0	16	0	26	1	0	0
Year	14.0	SW.	72	W.	35	85	56	66	56	52	214	93	110	0	185	104	127	144	99	77	34	1	6	52	8	121	44	0	0

TOPEKA, KANS.

[H₁=987 ft.; h₁=92 ft.; h₂=83 ft.; h₃=107 ft.]

January	10.3	S.	35	NW.	0	5	0	3	2	2	9	4	8	0	16	8	7	7	5	8	4	0	2	14	0	26	1	0	0
February	11.1	N.	45	N.	1	6	0	3	1	2	6	7	3	1	15	7	7	6	3	8	5	0	2	6	0	0	20	0	0
March	10.7	NW.	41	W.	1	5	4	2	3	3	4	8	0	0	6	15	10	9	7	10	5	2	0	0	0	0	2	0	0
April	11.2	SW.	35	SW.	0	1	5	0	2	5	6	3	8	0	12	11	7	7	6	0	0	0	0	0	0	1	1	4	0
May	10.6	SW.	41	N.	1	5	2	1	1	0	7	6	9	0	11	9	11	10	8	0	0	0	0	0	0	0	7	0	0
June	10.8	SE.	53	N.	2	3	7	3	5	4	4	1	3	0	9	16	8	13	7	0	0	1	0	0	6	0	12	0	0
July	8.3	S.	40	N.	1	1	4	5	4	4	4	3	5	0	13	15	3	12	11	0	0	0	0	0	9	7	0	11	0
August	9.7	S.	42	W.	3	2	3	3	2	11	8	2	0	0	17	12	2	14	13	0	0	1	0	0	13	0	12	0	0
September	9.3	SE.	37	SW.	0	3	3	4	5	6	2	3	5	0	13	12	5	9	7	0	0	1	0	0	1	0	0	0	0
October	9.3	S.	38	SW.	0	0	0	0	0	7	7	4	1	0	22	6	3	4	3	0	0	0	0	0	0	0	0	0	0
November	11.2	NW.	40	NW.	1	3	3	2	0	3	8	6	4	5	0	16	7	5	4	4	3	2	1	0	0	0	14	2	0
December	10.2	N.	31	NW.	0	5	3	4	6	2	2	4	5	0	10	9	12	10	6	7	5	0	3	15	0	25	3	0	0
Year	10.2	S.	53	N.	10	39	34	36	37	46	96	47	58	1	162	127	77	108	80	36	20	6	10	38	28	108	62	0	0

TRENTON, N. J.

[H₁=190 ft.; h₁=159 ft.; h₂=105 ft.; h₃=183 ft.]

January	14.5	NW.	62	NW.	6	4	2	3	3	5	15	8	21	0	13	10	8	6	6	5	1	0	1	6	0	24	0	0	0	
February	12.6	NW.	44	E.	3	12	7	0	1	3	12	13	0	0	11	5	12	12	6	12	10	0	1	3	0	0	27	0	0	
March	15.4	NW.	56	NW.	9	13	7	6	4	2	5	2	23	0	16	7	9	9	9	5	7	3	0	0	0	0	0	30	1	0
April	12.6	NW.	50	NW.	4	7	5	6	0	7	11	6	12	0	10	10	10	12	9	1	1	0	0	0	0	0	0	3	0	0
May	13.2	W.	48	SW.	3	2	6	10	4	3	14	14	5	1	9	8	14	15	11	0	0	0	0	0	0	0	0	0	0	0
June	8.6	SW.	62	NW.	2	6	3	6	6	8	10	8	7	4	3	12	14	14	14	9	0	0	0	0	0	0	0	7	0	0
July	8.7	SW.	38	NW.	0	0	3	5	5	13	8	9	10	1	12	9	10	5	5	0	0	0	0	0	0	2	0	6	1	0
August	8.9	SW.	38	N.	0	0	8	8	5	2	13	18	4	0	12	12	7	8	7	0	0	0	0	0	0	5	0	6	0	0
September	10.3	NE.	39	SW.	0	8	7	10	4	13	1	7	10	0	8	8	14	10	8	0	0	0	0	0	0	2	0	2	0	0

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

VALENTINE, NEBR.

(φ=42° 50' N.; λ=100° 32' W.)

Table for Valentine, Nebr. showing monthly and yearly data for Pressure, Temperature, and Moisture. Columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

VICKSBURG, MISS.

(φ=32° 22' N.; λ=90° 53' W.)

Table for Vicksburg, Miss. showing monthly and yearly data for Pressure, Temperature, and Moisture. Columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

WALLA WALLA, WASH.

(φ=46° 02' N.; λ=118° 20' W.)

Table for Walla Walla, Wash. showing monthly and yearly data for Pressure, Temperature, and Moisture. Columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

WASHINGTON, D. C.

(φ=38° 54' N.; λ=77° 03' W.)

Table for Washington, D. C. showing monthly and yearly data for Pressure, Temperature, and Moisture. Columns include Monthly mean, Extremes, Mean, Dew point, Relative humidity, Vapor pressure, Precipitation, and Cloudiness.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Annual meteorological summary for the year ending December 31, 1924—Continued

WAUSAU, WIS.

[φ=44° 57' N.; λ=89° 35' W.]

Table with columns: Month, Pressure (Monthly mean, Extremes), Temperature (Mean, Extremes), Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Year total.

WICHITA, KANS.

[φ=37° 41' N.; λ=97° 20' W.]

Table with columns: Month, Pressure, Temperature, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Year total.

WILLISTON, N. DAK.

[φ=45° 00' N.; λ=106° 35' W.]

Table with columns: Month, Pressure, Temperature, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Year total.

WILMINGTON, N. C.

[φ=34° 14' N.; λ=77° 57' W.]

Table with columns: Month, Pressure, Temperature, Dew point, Relative humidity, Vapor pressure, Precipitation, Cloudiness. Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

WAUSAU, WIS.

[H₁=1,247 ft.; h₁=4 ft.; h₂=3 ft.; h₃=-1 ft.]

Month	By self-register					Wind										Number of days															
	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.										Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.	Minimum temperature 32° or below	Thunderstorms	Auroras						
						North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear			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	32° or above		
January	Miles		Mi.			1	1	0	5	4	1	5	14	0	14	7	10	7	6	8	7	0	0	0	0	28	0	31	0	1	
February		NW.				2	2	4	4	4	4	4	4	0	11	10	16	11	12	12	11	0	0	0	0	1	0	0	0	0	
March		NW.				2	2	4	4	4	4	4	4	0	11	10	16	11	12	12	11	0	0	0	0	1	0	0	0	0	
April		W				1	1	1	1	1	1	1	1	0	13	12	16	12	10	10	10	0	0	0	0	0	0	0	0	0	
May		NW				0	1	0	6	6	6	6	6	0	9	10	14	12	10	10	10	0	0	0	0	0	0	1	5	0	
June		E				1	1	1	7	5	4	4	4	0	17	13	11	13	11	11	11	0	0	0	0	0	0	0	0	0	
July		NW				6	3	2	8	8	2	1	4	0	15	13	12	12	11	10	10	0	0	0	0	0	0	0	0	0	
August		SE.				12	1	2	5	6	6	0	4	0	16	6	10	6	6	6	6	0	0	0	0	0	0	0	0	0	
September		N.				2	0	1	4	4	4	4	4	0	19	7	5	5	3	3	3	0	0	0	0	0	0	4	0	0	
October		W				0	1	0	3	3	3	3	3	0	6	18	11	10	9	7	7	0	0	0	10	0	24	1	0	0	
November		NW				3	0	1	3	5	5	5	5	0	12	4	15	10	7	15	10	0	0	0	26	0	31	0	0	0	
December		NW				33	21	52	57	42	26	64	91	0	148	54	164	124	106	64	48	2	1	100	0	166	21	1	1	1	
Year		NW.																													

WICHITA, KANS.

[H₁=1,368 ft.; h₁=139 ft.; h₂=132 ft.; h₃=158 ft.]

January	13.5	S.	42	SW.	2	10	8	5	4	25	1	1	8	0	17	6	8	4	1	5	2	0	0	1	12	0	26	1	0	0	
February	13.4	N.	42	N.	1	20	4	4	4	16	2	5	6	0	11	10	3	5	3	6	2	0	0	1	4	0	22	0	0	0	
March	13.4	N.	64	NW.	4	12	11	10	1	13	3	1	11	0	8	11	12	12	11	12	9	0	0	1	2	0	21	1	0	0	
April	14.3	S.	44	NE.	4	7	4	6	8	21	1	7	6	0	14	10	6	7	5	0	0	0	0	1	0	0	1	2	0	0	
May	12.2	S.	39	S.	0	12	11	4	2	18	6	3	6	0	13	12	8	7	5	0	0	0	0	0	0	0	0	0	5	0	
June	14.3	S.	52	SW.	2	3	8	7	6	28	5	0	3	0	15	12	3	5	3	0	0	0	0	0	0	0	12	0	8	0	
July	11.8	S.	40	S.	2	4	2	12	8	28	2	1	3	2	13	17	1	11	9	0	0	0	0	0	0	0	0	11	0	0	
August	13.6	S.	44	SW.	3	3	4	5	12	33	3	2	0	0	12	16	3	10	5	0	0	0	0	0	0	0	19	0	11	0	
September	13.2	S.	55	S.	4	4	5	6	6	13	22	4	1	3	6	17	10	3	8	7	0	0	0	0	0	0	3	0	8	0	
October	13.5	S.	52	SW.	2	2	4	5	12	34	1	4	3	0	18	9	4	5	4	0	0	0	0	0	0	0	0	0	11	0	0
November	13.8	S.	35	E.	3	11	6	2	5	15	5	2	10	0	15	13	2	2	1	1	0	0	0	0	0	0	0	0	1	0	
December	12.9	S.	35	NW.	6	13	10	3	6	15	6	2	5	0	10	10	11	7	6	9	5	0	0	1	14	0	24	1	0	0	
Year	13.3	S.	64	NW.	27	102	78	69	80	271	39	28	63	2	163	136	67	84	61	33	20	2	7	32	48	105	54	0	0	0	

WILLISTON, N. DAK.

[H₁=1,575 ft.; h₁=41 ft.; h₂=33 ft.; h₃=48 ft.]

January	8.1	W.	34	W.	0	8	2	1	6	6	8	21	10	0	5	5	21	3	12	6	0	0	0	24	0	31	0	1	0	0	
February	8.0	SE.	30	W.	0	9	2	3	13	6	10	10	5	0	4	3	22	7	3	9	4	0	0	1	15	0	28	0	0	0	
March	8.2	SE.	27	E.	0	6	7	15	16	0	6	4	8	0	5	11	15	6	6	18	9	0	0	1	10	0	31	0	0	0	
April	8.9	NW.	37	W.	0	13	5	4	9	2	7	6	13	1	3	11	16	10	7	14	6	0	0	0	0	0	20	0	1	0	
May	8.6	NW.	43	NW.	1	11	15	7	2	4	6	9	8	0	11	12	8	6	4	2	2	0	0	0	0	0	7	0	0	0	
June	7.2	NE.	35	E.	0	6	7	9	4	4	8	10	12	1	6	15	9	14	12	0	0	0	3	1	0	0	0	7	0	0	
July	7.0	SE.	37	E.	0	5	5	11	14	6	9	6	6	0	17	10	4	11	7	0	0	0	0	0	0	0	9	0	0	0	
August	7.8	W.	64	NW.	2	10	7	7	10	2	10	9	7	0	14	10	7	8	3	0	0	0	1	2	0	4	0	4	0	0	
September	7.0	SE.	31	SE.	0	8	7	3	9	8	5	11	8	1	17	8	5	6	3	0	0	0	0	0	0	0	3	1	2	0	
October	7.7	SW.	48	W.	1	7	4	7	9	9	10	9	5	2	18	5	8	6	5	2	2	0	0	1	0	0	2	0	1	0	
November	10.0	W.	48	W.	2	4	4	2	9	6	7	13	15	0	7	12	11	3	2	11	3	0	0	0	0	0	0	0	0	0	0
December	8.7	W.	31	W.	0	7	5	3	5	6	9	18	9	0	13	3	15	7	4	14	7	0	0	0	28	0	31	0	0	0	
Year	8.1	W.	64	NW.	6	98	70	72	106	59	93	126	106	5	120	105	141	94	59	82	89	4	6	84	6	182	23	0	0	0	

WILMINGTON, N. C.

[H₁=78 ft.; h₁=61 ft.; h₂=76 ft.; h₃=91 ft.]

January	7.4	N.	39	S.	0	10	13	5	2	3	8	12	9	0	15	2	14	12	8	0	0	0	1	1	0	10	1	0	0	0
February	8.0	W.	33	S.	0	8	12	3	0	2	12	12	6	0	15	7	13	7	7	0	0	0	0	0	0	0	9	2	0	0
March	8.8	W.	46	NW.	1	5	4	6	1	6	13	21	6	0	15	2	11	10	9	0	0	0	0	0	0	0	0	1	0	0
April	8.6	SW.	35	SW.	0	5	4	4	9	4	21	16	1	0	17	2	11	10	9	0	0	0	0	0	0	0	0	0	0	0
May	8.0	SW.	38	S.	0	8	4	4	9	4	21	16	1	0	12	14	4	10	10	0	0	0	0	0	0	0	9	4	0	0
June	8.7	SW.	30	N.	0	4	4	4	8	8	27	10	6	0	7	15	8	20	16	0	0	0	0	0	0	4	0	17	0	0
July	8.1	SW.	34	S.	0	9	8	5	7	11	13	6	3	0	9	15	7	14	12	0	0	0	1	0	5	0	11	0	0	0
August	6.4	SE.	38	N.	0	5	12	7	1	6	15	10	5	1	16	7	3	8	7	0	0	0	0	0	0	11	9	7	0	0
September	7.5	E.	40	SW.	1	6	19	11	6	4	6	4	4	0	10	7	13	14	13	0	0	0	0	0	0	1	9	5	0	0
October	6.1	N.	22	NE.	0	19	18	9	1																					

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Annual meteorological summary for the year ending December 31, 1924—Continued

WINNEMUCCA, NEV.

[φ=40° 58' N.; λ=117° 43' W.]

Table with columns: Month, Pressure (Monthly mean, Extremes), Temperature (Mean, Extremes, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness). Rows include months from January to December and a Year total.

WYTHEVILLE, VA.

[φ=36° 56' N.; λ=81° 05' W.]

Table with columns: Month, Pressure (Monthly mean, Extremes), Temperature (Mean, Extremes, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness). Rows include months from January to December and a Year total.

YANKTON, S. DAK.

[φ=42° 54' N.; λ=97° 28' W.]

Table with columns: Month, Pressure (Monthly mean, Extremes), Temperature (Mean, Extremes, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness). Rows include months from January to December and a Year total.

YELLOWSTONE PARK, WYO.

[φ=44° 58' N.; λ=110° 42' W.]

Table with columns: Month, Pressure (Monthly mean, Extremes), Temperature (Mean, Extremes, Dew point), Moisture (Relative humidity, Vapor pressure, Precipitation, Cloudiness). Rows include months from January to December and a Year total.

MONTHLY AND ANNUAL SUMMARIES

Annual meteorological summary for the year ending December 31, 1924—Continued

YUMA, ARIZ.

[H₁=141 ft.; h₁=9 ft.; h₂=2 ft.; h₃=54 ft.]

Month	Wind											Number of days																	
	By self-register				Number of winds, 8 a. m. and 8 p. m.†							Partly cloudy	Cloudy	Precipitation		Snow		Maximum temp.	Minimum temperature 32° or below	Thunderstorms	Auroras								
	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					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
																						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
January	4.3	N.	21	NW.	0	38	7	4	0	3	1	1	8	0	30	1	0	0	0	0	0	0	0	1	0	0			
February	5.7	N.	30	NW.	0	23	7	9	6	3	3	3	3	0	26	2	0	0	0	0	0	0	0	0	0	0			
March	6.5	W.	30	NW.	0	10	4	2	5	12	8	14	16	0	26	4	0	0	0	0	0	0	0	0	0	0			
April	6.2	S.	33	NE.	0	9	1	5	5	12	8	14	16	0	24	0	0	0	0	0	0	0	0	0	0	0			
May	4.1	SW	22	N.	0	1	3	4	4	19	18	7	7	1	31	0	0	0	0	0	0	0	31	7	0	0			
June	5.8	W.	30	SE.	0	0	4	0	6	9	15	22	8	1	30	0	0	0	0	0	0	0	0	0	2	0			
July	5.6	S.	29	SE.	0	1	2	0	12	17	19	8	1	3	28	3	0	0	0	0	0	0	0	0	2	0			
August	5.3	SW	25	SE.	0	0	1	0	8	14	22	15	1	1	31	0	0	0	0	0	0	0	0	0	0	0			
September	4.6	SW	33	SE.	0	9	4	2	4	8	16	7	9	1	28	0	0	0	0	0	0	0	0	0	4	0			
October	5.0	W.	28	W.	0	10	2	1	3	5	9	19	12	1	29	0	0	0	0	0	0	0	0	14	0	0			
November	5.8	N.	30	N.	0	31	12	2	0	1	3	2	4	0	30	0	0	0	0	0	0	0	2	0	0	0			
December	7.2	N.	35	N.	0	36	4	2	0	4	1	4	6	1	22	5	4	3	0	0	0	0	0	0	0	0			
Year	5.5	N.	35	N.	0	168	51	31	57	104	122	119	67	13	335	26	5	10	6	0	0	0	175	1	10	0			

DUTCH HARBOR, ALASKA

[H₁=13 ft.; h₁=4 ft.; h₂=3 ft.; h₃= — ft.]

Month	Direction	4	6	8	10	12	2	3	7	20	8	8	19	0	0	24
January	SE	4	6	6	12	2	2	3	7	20	8	8	19	0	0	24
February	NW	7	7	1	7	0	0	10	12	14	4	4	19	0	0	29
March	SE	0	2	3	21	6	2	8	1	18	8	8	19	0	0	19
April	SW	0	4	0	8	5	14	11	12	6	8	8	20	0	0	20
May	SE	4	5	6	10	2	0	2	6	27	9	9	11	0	0	11
June	SE	3	16	2	24	4	1	1	0	9	11	11	0	0	0	0
July	SW	8	9	4	8	6	10	2	7	8	10	9	0	0	0	0
August	SE	0	10	3	23	2	9	0	2	13	8	8	0	0	0	0
September	SW	3	11	1	4	11	12	4	8	6	6	6	0	0	0	0
October	NW	2	1	0	4	1	17	6	26	5	5	5	0	0	0	0
November	SE	0	6	0	17	1	8	1	12	15	8	8	0	0	0	19
December	SE	4	5	4	23	6	3	1	9	7	8	8	0	0	0	17
Year	SE	35	82	30	161	46	78	49	102	148	111	111	156	0	241	

EAGLE, ALASKA

[H₁=815 ft.; h₁=4 ft.; h₂=3 ft.; h₃= — ft.]

Month	Direction	4	7	14	0	0	15	3	19	9	1	21	12	7	14	12	31	0	31	5
January	W	4	7	14	0	0	15	3	19	9	1	21	12	7	14	12	31	0	31	5
February	E	9	8	11	5	1	0	6	11	7	9	7	13	7	5	7	24	0	28	2
March	NW	3	10	6	4	4	4	8	21	5	15	5	11	2	1	6	10	0	31	18
April	E	13	13	6	1	0	8	9	6	12	7	11	3	3	3	2	13	0	27	6
May	N	15	9	14	6	3	1	5	4	7	6	8	17	8	4	4	6	0	11	0
June	N	12	4	10	8	3	1	11	9	2	7	5	18	13	11	0	0	0	1	0
July	E	6	4	15	12	5	0	10	5	5	8	18	14	9	0	0	0	0	1	4
August	W	7	6	12	5	4	1	12	10	5	8	4	19	16	12	0	0	0	6	4
September	W	3	2	14	1	2	2	24	9	3	5	7	18	11	4	1	0	0	15	8
October	W	1	1	10	4	5	0	21	14	6	7	2	22	10	7	10	23	0	29	4
November	E	1	8	17	7	2	0	16	3	6	8	4	18	9	5	15	24	0	30	11
December	E	1	10	26	0	1	0	12	9	3	15	2	14	6	4	7	31	0	31	11
Year	E	66	82	162	56	31	9	145	107	74	106	60	200	111	72	72	49	156	0	241

KODIAK, ALASKA (RADIO STATION)

[H₁=15 ft.; h₁=6 ft.; h₂=3 ft.; h₃= — ft.]

Month	Direction	1	12	7	5	6	5	13	13	0	10	10	6	0	18
January	W	1	12	7	5	6	5	13	13	0	10	10	6	0	18
February	NW	6	9	4	8	2	4	7	17	1	10	10	12	0	20
March	SE	4	5	6	23	3	5	1	8	8	8	8	0	0	24
April	SW	7	7	1	5	3	12	9	6	5	7	7	1	0	20
May	N	18	17	2	8	3	0	3	11	11	10	0	0	0	0
June	NE	4	8	6	6	4	1	3	25	0	0	0	0	0	0
July	SE	4	2	4	14	6	2	1	3	26	12	12	0	0	0
August	SE	3	2	4	8	4	7	2	30	0	0	0	0	0	0
September	SE	6	6	2	14	6	8	5	3	10	17	13	0	0	0
October	NW	1	2	2	12	2	6	6	26	6	16	12	0	0	10
November	NW	2	8	3	6	1	3	3	14	20	17	16	0	0	13
December	NE	4	18	2	7	0	3	5	14	9	16	16	5	0	14
Year	SE	60	90	43	115	45	56	55	112	150	24	0	119	0	119

* By eye observations at this station.
† At the observation hours at Dutch Harbor, Eagle, and Kodiak.

PART IV

MONTHLY AND ANNUAL PRECIPITATION, 1924 (ALL STATIONS)— MONTHLY AND SEASONAL SNOWFALL, SEASON 1924-25 (SELECTED STATIONS)—MONTHLY AND ANNUAL EVAPORATION, 1924

The precipitation values given in the following tables have been taken largely from the records of unpaid cooperating observers. Most of these observers have standard rain gauges, the remainder having gauges similar in pattern to the standard.

Occasionally the record for a station may be incomplete from various causes, either for a single storm or for a longer period. Where conditions were favorable, the missing data have been supplied by interpolation from the records of near-by stations. The monthly amounts in such cases are inclosed in brackets to show that the whole amount or some portion has been estimated.

The discrepancies between the amounts recorded by separate observers when two reports are received 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 as early as 6 o'clock a. m., whereas the other may defer it to 9 p. m. or later, thus sometimes causing a difference in the amounts recorded on the first and last days of the month.

The monthly and seasonal amounts of snowfall for the winter of 1924-25 are given for selected stations in the United States and Canada.

The monthly and annual amounts of evaporation during the year 1924 follow the snowfall, this being the sixth year that this series of reports has included them. The number of these reports at the present time is small, records appearing from only about half of the States.

The evaporation measurements are all made from cylindrical pans, 4 feet in diameter, 10 inches deep, placed on framework laid on the ground, and exposed as far as possible to full sunshine. A description of equipment and methods of observation appears in the Monthly Weather Review of December, 1916, pages 674 to 677.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Monthly and annual precipitation (in inches and hundredths) for 1924

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Alabama</i>													
Alaga	6.15	4.58	3.46	4.96	2.87	4.40	10.59	1.63	9.98	1.82	0.28	5.90	56.62
Anniston	5.83	3.75	2.76	6.34	3.78	3.92	1.20	2.38	6.05	0.02	0.12	7.04	43.19
Auburn	6.55	2.13	3.96	3.99	4.72	6.86	3.02	4.95	4.71	0.73	0.23	6.82	48.47
Bay Minette	7.40	3.78	0.90	2.29	2.62	9.72	5.77	4.84	4.62	0.41	0.31	5.21	47.87
Benton	4.46	4.20	2.48	4.43	4.00	4.77	3.80	2.82	4.09	0.46	0.17	5.13	40.81
Birmingham	5.42	5.89	4.10	5.62	3.44	6.85	1.69	0.61	2.59	0.00	0.01	6.89	43.02
Bridgeport	3.09	3.28	2.14	3.00	0.99	3.07	0.57	1.55	0.73	0.00	0.68	6.35	48.06
Calera	6.41	4.28	3.66	5.04	3.06	6.73	1.01	4.18	4.04	0.32	0.77	8.11	47.61
Camp Hill	6.86	4.39	2.49	4.51	3.43	8.10	0.90	2.89	3.08	T.	0.08	6.93	43.65
Centerville	7.27	6.57	1.33	2.36	2.38	4.60	4.21	0.60	0.61	0.05	0.32	3.92	46.03
Citronelle	8.05	3.13	2.47	6.21	3.76	5.01	3.33	1.29	1.22	0.00	0.00	10.54	46.03
Cochrane	8.00	4.67	3.52	5.69	0.87	0.73	1.48	1.84	0.98	0.90	0.23	8.18	54.71
Coffee Springs	7.76	4.44	1.88	4.44	2.96	6.04	8.14	5.24	4.89	0.34	0.28	7.01	51.26
Dadeville	7.05	4.94	2.60	4.80	3.29	5.94	3.73	6.19	4.89	0.34	0.28	7.01	51.26
Decatur	5.97	5.17	5.09	6.86	5.73	3.67	1.38	2.69	1.95	T.	0.39	7.45	46.32
Demopolis	8.93	4.90	2.00	7.25	2.36	3.48	1.15	1.89	3.45	0.05	0.15	6.33	41.96
Dothan	7.81	3.97	2.78	5.72	2.73	7.56	9.87	2.26	6.18	1.08	0.47	7.96	55.37
Eufaula	7.23	3.10	1.88	4.25	6.02	2.86	7.22	2.93	3.33	0.00	0.17	6.41	45.41
Evergreen	7.50	5.02	6.16	6.44	5.27	7.13	1.78	0.46	1.52	0.00	0.03	5.02	46.49
Fayette	6.62	4.84	2.50	5.31	3.17	4.03	3.96	4.09	3.26	T.	0.40	8.80	42.53
Florence	7.13	4.80	3.56	6.45	6.02	3.35	1.70	2.78	1.20	0.00	0.80	4.91	42.53
Fort Deposit	6.62	4.84	2.50	5.31	3.17	4.03	3.96	4.09	3.26	T.	0.40	8.80	42.53
Gadsden	6.99	5.14	4.65	6.28	6.70	2.88	1.91	3.12	3.34	T.	0.03	8.58	49.57
Goodwater	5.45	4.77	3.17	6.95	3.01	5.49	1.53	4.75	3.58	0.09	0.49	7.04	46.32
Greensboro	6.46	4.95	2.21	6.21	1.87	3.62	1.34	0.74	2.58	0.03	0.12	6.56	36.69
Greenville	6.05	4.71	2.79	3.60	5.63	4.61	7.33	2.76	2.16	0.42	0.43	7.56	48.10
Gunterville	6.42	5.21	4.50	6.60	5.89	3.29	1.91	2.96	4.37	0.60	0.10	5.49	46.05
Healing Springs	7.61	1.74	5.65	2.50	6.16	5.78	1.40	2.68	2.11	1.90	0.30	6.62	44.45
Helena	6.03	6.07	4.24	2.39	1.99	7.09	2.32	2.63	2.57	0.06	0.15	7.29	45.80
Highland Home	6.34	5.91	2.95	4.32	4.37	4.61	4.65	4.22	3.67	0.23	0.26	9.69	56.52
Leeds	6.52	7.34	3.08	5.72	3.17	5.45	2.47	2.85	3.13	0.00	0.00	7.50	47.23
Lock No. 4	6.68	6.55	3.44	6.61	4.15	8.64	2.31	1.23	2.70	0.00	0.22	8.00	51.14
Madison	5.22	5.35	5.67	7.87	6.23	6.29	0.97	3.82	4.88	0.00	0.49	6.76	53.55
Maple Grove	6.50	5.23	6.05	5.55	6.29	5.45	1.55	1.23	3.60	T.	0.01	6.25	47.71
Marion	7.45	4.43	2.36	6.39	3.45	6.56	2.49	2.15	1.93	0.00	0.10	8.15	45.46
Montone	6.50	4.73	5.87	10.19	5.83	3.82	2.73	4.45	3.97	0.03	0.56	7.43	56.10
Millport	7.25	3.71	7.33	7.67	3.04	1.21	3.00	0.76	1.40	0.30	0.00	3.60	39.27
Millstead	5.42	3.76	3.36	3.53	3.97	4.49	4.95	2.90	0.37	0.25	0.18	8.13	47.31
Mobile	8.21	4.37	1.07	4.10	4.10	9.39	4.31	3.21	1.99	0.31	0.06	7.85	48.37
Montgomery	6.42	5.75	3.25	6.18	4.40	4.68	6.58	3.99	5.33	0.25	0.19	7.31	54.33
Oneonta	6.36	4.17	3.17	4.42	2.76	3.17	3.52	1.82	4.61	0.09	0.00	7.67	46.00
Ozark	6.06	5.85	2.85	6.94	4.20	6.44	4.85	4.32	4.54	1.09	0.33	7.90	54.55
Prattville	6.06	4.63	2.52	4.23	3.82	4.14	4.84	2.43	3.69	0.23	0.32	7.14	53.90
Primrose Farm	9.32	6.36	2.12	3.34	3.51	5.94	0.78	3.38	3.36	0.32	0.23	7.08	45.74
Pushmataha	6.33	4.67	2.82	6.51	6.46	3.00	0.92	2.96	2.85	0.69	0.87	5.99	43.28
Riverton	8.19	3.72	2.03	4.79	4.92	12.10	10.28	4.96	4.07	0.81	0.27	5.89	62.06
Robertsdale (No. 1)	4.41	3.64	1.79	3.50	4.41	11.37	5.47	2.97	2.47	0.82	0.15	4.89	46.00
Robertsdale (No. 2)	4.34	4.96	7.55	8.31	4.72	2.96	3.05	3.96	2.52	0.06	0.33	9.03	47.85
Scottsboro	6.48	3.66	2.14	6.09	3.66	5.60	3.85	4.51	3.05	0.60	0.60	9.03	47.85
Seven Hills	5.01	4.20	2.26	3.96	4.47	7.18	4.11	3.28	5.28	0.99	0.22	6.22	50.22
Silverhill	7.17	5.27	1.33	4.28	4.45	14.08	1.40	1.82	0.50	0.13	0.21	6.84	46.32
Spring Hill	6.39	6.77	5.73	8.48	6.95	3.65	2.99	1.53	3.81	0.09	0.05	6.89	51.98
St. Bernard	6.53	4.36	3.80	7.59	2.72	5.01	2.35	2.47	2.96	0.00	0.16	6.59	46.59
Talladega	4.36	3.60	3.41	4.60	4.22	4.74	4.01	4.95	4.95	0.28	0.35	8.16	51.49
Tallapoosa	5.65	4.65	2.95	5.17	3.03	5.74	4.01	4.95	3.60	0.45	0.21	6.23	52.47
Thomasville	8.38	4.49	2.55	3.72	7.28	6.65	6.80	2.22	3.34	0.21	0.25	8.23	52.67
Troy	6.32	5.44	3.35	5.85	3.22	4.26	2.19	1.97	2.28	0.61	0.08	7.22	42.89
Tuscaloosa	6.48	5.31	3.89	6.21	5.83	4.18	3.68	4.81	0.97	0.00	0.25	3.51	46.35
Tusculum	5.65	4.26	2.14	4.18	1.79	3.86	2.80	1.97	5.30	0.15	0.08	5.94	38.07
Union Springs	6.73	1.43	1.73	5.32	4.24	3.92	2.29	1.83	2.77	0.35	0.32	9.03	48.89
Uniontown	5.95	4.82	4.70	10.05	5.74	3.17	1.40	0.73	3.90	T.	0.75	7.68	46.93
Valley Head	5.15	5.34	3.03	4.00	3.80	5.90	4.49	2.52	4.15	0.20	0.25	7.10	46.93
Wetumpka	6.97	4.04	4.60	6.45	6.70	6.80	1.36	3.45	1.87	0.00	0.00	4.50	50.33
Winfield	6.97	4.04	4.60	6.45	6.70	6.80	1.36	3.45	1.87	0.00	0.00	4.50	50.33
<i>Alaska</i>													
Allakaket	0.61	0.32	0.66	0.47	0.59	0.95	2.48	0.71	1.23	0.80	0.73	0.49	12.76
Anchorage	0.30	0.08	0.21	0.57	0.55	0.60	0.79	3.60	3.82	1.64	0.21	0.49	129.96
Annex Creek	0.01	7.43	8.04	8.48	7.25	1.84	12.75	14.48	23.46	16.25	11.85	4.14	41.99
Atka	2.98	0.73	4.26	4.02	2.18	2.87	1.09	3.05	4.33	7.42	3.62	4.54	5.65
Barrow	0.47	0.07	0.30	0.11	0.26	0.30	0.95	1.45	0.38	0.14	0.97	0.25	33.21
Betbel	0.47	0.26	1.96	1.16	0.58	2.26	6.14	8.93	7.44	3.70	0.15	0.17	0.52
Broad Pass	1.73	0.69	0.51	3.46	0.58	0.58	0.99	0.82	0.07	0.31	0.11	0.11	0.11
Cache Creek	1.22	1.89	1.42	0.42	2.19	2.73	3.07	6.54	5.91	0.00	0.00	0.00	0.11
Candle	0.71	0.12	0.58	0.91	0.91	1.01	0.95	3.39	2.97	0.20	0.16	0.16	168.00
Chickaloon	18.63	15.71	13.95	13.82	7.17	4.06	10.11	8.40	22.49	26.97	18.11	3.56	168.00
Cordova	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Croked Creek	1.70	1.59	0.82	3.24	2.53	3.04	5.85	5.84	1.20	0.53	0.53	0.53	10.53
Dillingham	5.15	0.95	2.35	6.32	4.62	1.98	1.08	1.07	5.17	2.96	0.83	0.70	11.32
Dutch Harbor (Radio Station)	0.72	0.29	0.05	0.46	0.46	1.56	2.17	1.87	0.64	1.07	0.80	0.70	10.53
Eagle	0.60	0.20	0.09	0.47	0.32	1.68	2.32	2.32	1.38	0.82	0.42	0.85	11.32
Fairbanks (near)	19.22	19.37	7.62	11.41	8.92	0.92	5.61	5.33	15.10	23.36	20.60	8.83	146.29
Fortmann Hatchery	0.34	0.80	0.06	0.00	T.	0.19	0.06	0.94	0.38	1.87	0.05	0.20	5.99
Geese Islands	4.63	3.93	5.87	5.26	4.37	1.01	8.07	2.77	5.16	8.13	5.68	1.90	24.88
Holy Cross	0.52	0.44	0.80</										

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Alaska—Continued</i>													
Ketchikan	19.14	15.72	6.46	12.92	15.26	1.20	9.28	8.84	24.04	21.41	23.93	9.59	167.79
Killisnoo	5.20	5.19	2.48	4.78	2.36								
Kodiak (Radio Station)	0.98	1.47	0.92	1.27	2.09		2.33		3.32	3.57	7.52	5.07	
Kodiak (Experiment Station)	6.61	7.61	3.85	3.88	9.03	2.88	3.37	2.94	4.66	4.43	8.58	6.88	64.32
Letsouche		26.83	25.45	14.98	10.29	2.28	9.33	8.86	16.47	22.45	24.55	7.80	
Mastaniska	0.79	0.41	0.26	0.92	0.83	0.71	0.61	4.18	2.08	1.86	0.07	0.98	13.70
McKinley Park						0.80			2.22	0.96	0.35	0.42	
Neenana	0.70	0.10	0.10	0.11	0.20		3.30	3.25	1.40	0.89	0.23	0.35	
Nome	0.14	0.36	0.47	0.16	0.36	2.79	3.86	5.82	2.47	1.71	0.21	0.92	19.27
Noorvik	0.59	0.71	0.67	0.02	0.43	2.22	3.33	5.13	1.77	0.84	0.91	0.96	17.58
Nulato	1.16	0.63	0.90	0.20									
Paxson	1.66	0.11											
Petersburg					3.47	0.78	4.21	10.98	10.27	14.50	14.16		
Pilot Station	0.50	0.25	0.98	0.78	0.44	2.11				7.23	1.69	1.49	
Port Alexander					12.17	1.06	12.25	9.85	31.50				
Port Moller	1.79	2.27	2.88	2.70	0.59	0.22	0.10	1.39	1.17	1.82	2.50	1.72	19.15
Rampart	1.12	0.51	0.24	0.25	0.11	0.76	1.93	1.59	0.75	1.19	0.21	0.56	9.02
St. Paul Island	1.21	1.31	1.13	0.99	1.12	2.68	3.18	3.42	6.02	5.07	2.33	1.83	30.29
Saltchuck													
Seward	6.71	9.92	8.18	5.20	1.70	0.90	5.45	4.20	11.75	4.92	9.52	1.83	70.28
Shaktolik	0.37												
Shishmaref	0.20	0.20	0.34	0.00	0.55	0.69	1.30	2.33	1.21	0.55	0.21	0.25	7.83
Sitka	9.27	7.92	6.24	12.12	3.66	0.32	5.97	5.84	20.84	11.07	8.33	3.21	95.20
Skagway	1.55	2.11	1.93	3.67	1.43	0.37	1.16	2.74	4.77	5.45	4.72	1.60	31.50
Speel River	11.70	11.70	9.40	12.79	6.41	2.49	13.51	19.09	26.67	16.40	14.43	5.72	152.31
Strawberry Point	7.40	4.68	1.98	6.51	4.04	0.67	4.55	3.72	4.35	8.21	6.45	3.62	56.18
Talkeetna	1.16	1.35	1.78	2.34	2.68	1.31	1.21	4.68	4.90	3.29	1.18	1.81	27.67
Tamana	0.56	0.23	0.15	0.33	0.67	1.12	3.82	3.46	0.95	1.71	0.15	0.77	13.92
Tunnel	4.95				2.89				2.55	5.32	2.56		
Valdez	8.10	5.47				0.88	2.57	4.59	9.32	6.99	6.48	2.59	
Whale Island	5.88	7.31	4.20	3.78	7.51	4.07	2.13	3.00	5.32	4.19	11.62	8.41	67.42
White Mountain	0.61	0.40	1.49	0.23	0.44	1.45	5.40	5.09	3.07	0.71	0.58	0.58	20.05
Wrangell										12.48	9.43	3.56	
Yakutat	13.77	10.45	10.63	9.76	9.67	1.70	10.88	8.27	18.86	12.47	10.40	5.00	121.86
<i>Arizona</i>													
Agulla	0.00	T.	1.10	0.96	T.	0.00	1.15	T.	0.64	0.45	0.00	1.15	5.45
Ajo	0.00	0.00	1.22	0.38	0.31	0.01	0.16	0.43	0.77	0.18	0.03	1.20	4.74
Alamo Ranger Station	0.00	T.	1.85	0.82	0.19	0.70	0.75	0.47	0.59	0.31	0.06		
Alpine	0.05	0.40	3.40		0.10	0.00							
Apache Powder Co.	0.18	0.00	0.85	1.14	0.05		1.06	1.80	0.65	0.00	0.00	0.29	
Ashdale Ranger Station	0.40	0.10	2.82	1.30	0.03	0.00	1.69	1.20	0.91	0.90	0.25	4.20	13.80
Ashfork	0.00	0.00	1.37	1.25	0.00	1.30	0.80	0.10	2.01	1.04	0.16	1.16	9.19
Baboquivari	0.28	T.	2.82	0.54	0.30	1.51	2.28	3.39	0.37	0.40	0.19	1.87	13.95
Benson	T.	0.00	0.95	0.39	T.		1.09	1.25	0.20	T.	0.00	0.29	4.17
Big Springs Ranger Station							3.03	0.10	1.89	1.20	1.05		
Bisbee	0.03	0.08	2.78	0.43	0.05	0.46	5.80	2.27	0.44	T.	0.08	1.20	13.62
Bisbee Junction	0.02	0.02	0.80	T.		0.12	2.90	0.67	T.	0.00	0.06	0.80	
Bly	0.00	0.63	2.11	0.91	0.73	0.02	6.77	0.66	1.82	0.58	0.01	1.65	15.80
Bly Ranger Station	0.10	0.15	3.11	1.60	0.03	T.	1.48	0.40			0.30	3.33	
Bowie	0.00	0.08	1.02	0.10	0.00	0.00	2.08	0.10	0.00	0.00	0.00	0.34	3.72
Buckeye	0.00	0.00	1.33	0.23	0.00	T.	0.55	T.	T.	1.07	0.08	0.72	3.98
Candler	0.04	T.	2.39	0.92	T.	0.16	4.12	1.98	0.22	T.	0.09	0.97	10.89
Cedar Glade	0.00	T.	1.07	0.33	0.00	0.15	2.28	0.23	2.66	0.80	0.04	0.98	8.44
Chandler	0.00	T.	1.64	0.23	0.05	T.	0.40	T.	0.33	0.52	0.20	1.48	4.85
Childs	0.00	T.	2.72	0.43	T.	0.00	0.26	0.57	0.71	1.01	0.13	4.55	10.38
Chin Lee	T.	T.	0.09	1.12	T.	T.	2.43	1.26	1.21	0.74	0.07	0.62	7.44
Clemencean	0.00	0.00	1.13	0.87	0.04	0.91	0.89	0.83	1.54	0.94	0.21	1.63	9.29
Clifton	T.	0.15	1.28	0.68	0.07	T.	1.27	0.45	T.	0.23	0.10	0.59	4.85
Cochise	0.20	T.	1.05	0.61	0.08	0.08	2.34	1.27	0.38	0.00	0.00	0.38	6.34
Cochise Stronghold	0.08	T.	2.31	0.93	0.00	0.17	2.51	1.64	0.20	T.	0.00	1.24	9.38
Constellation	0.03	T.	2.03	1.23	0.08	0.08	1.07	1.63	1.00	0.65	0.50	3.06	11.37
Continental	0.13	0.01	2.39	0.64	T.	0.68	1.30	0.92	0.62	0.62	0.05		
Cosmino	0.20	0.05	1.20	2.40	0.10	0.00	1.60	0.50	2.10	2.35	0.05	1.00	12.15
Crown King			3.05	2.00	0.20						0.30	6.55	
Douglas	0.20	0.07	1.39	0.69	T.	T.	1.47	0.96	0.69	0.04	0.01	0.19	5.11
Dudleyville	0.15	T.	0.90	2.10	0.10	0.07	0.94	T.	0.38	0.25	0.70	1.90	7.49
Elgin (near)	0.14	0.00	1.94	0.65	0.06	0.00	3.94	1.84	0.26	0.00	0.00	1.04	9.87
Fairbank	0.03	0.00	0.74	0.58	T.	0.00	2.65	1.64	0.75	T.	0.00	0.46	6.83
Flagstaff	0.24	0.06	2.40	1.80	0.03	0.03	2.91	0.37	2.77	2.04	0.29	3.98	16.74
Florence	0.06	0.00	1.82	0.33	0.13	T.	0.44	0.19	0.73	0.14	0.07	1.40	5.25
Fort Apache	0.10	0.10	2.72	1.07	0.25	0.02	3.26	2.95	0.69	0.47	0.48	2.79	14.92
Fort Grant	T.	0.09	2.92	2.27	0.00	T.	3.34	0.20	3.15	1.52	0.73	4.48	19.00
Fort Valley	0.00	T.	0.65		0.20	0.00	0.08	0.45	T.	0.25	0.05	1.10	
Gila Bend													
Gisela													
Globe	0.00	0.00	1.92	0.59	0.29	0.10	1.14	1.02	0.32	0.44	0.24	1.95	8.01
Goodyear	0.00	0.00	1.50	0.40	T.	0.00	0.58	0.00	0.72	0.70	0.14	1.72	5.76
Gould's Ranch	0.00	0.00	2.00	0.23	T.	T.	T.	0.00	0.46		0.00	0.94	
Grand Canyon	0.18	0.02	3.74	1.07	0.37	0.00	2.24	0.40	2.06	1.71	0.30	3.51	16.60
Granite Reef Dam	0.00	0.00	2.17									1.82	
Greer	0.17	0.37	3.09	0.89							0.05		
Heber Ranger Station						T.	4.27	0.48					
Helveta	0.80	0.01	3.72	1.36		0.20	2.77	2.27	0.09	0.08	0.33	1.47	
Henry's Camp	0.64	0.48	3.05	2.13	0.69	T.	5.15	0.79	1.18	0.54	0.36	6.42	21.43
Hersford	T.	T.	1.45	0.29	T.	0.50	3.42	3.24	0.15	T.	0.00	0.02	6.98
Holbrook	0.00	0.06	0.85	0.57	0.06	0.56	2.07	0.68	0.96	0.32	0.15	0.67	6.87
Indian Oasis	0.20	0.00	1.42	0.24	0.00	0.03	2.87	0.43	0.65	0.00			
Intra	0.00	0.00	2.07	1.16	0.03	0.00	0.88	0.45	0.21	0.40	0.01	1.53	6.24
Jerome	0.10	0.00	1.40	1.18	0.01	0.58	2.04	1.00	1.71	1.30	0.48	3.94	13.12
Kayenta	0.12	0.10	0.60	0.31	0.02	0.00	1.38	0.50	1.00	0.94	0.20	0.53	5.70
Kingman	0.10	0.00	1.14	0.51	0.04	0.00	0.13	0.15	0.25	0.04	0.00	2.31	4.67
Lakeland	0.10	0.10	4.00	1.04	0.22	0.12	3.79	2.02	1.04		1.23		

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Arizona—Continued</i>													
Lewis Springs.....	0.00	T.	0.61	0.21	T.	0.13	2.17	1.86	0.00	0.00	0.06	0.07	5.11
Litchton.....	0.00	0.00	1.45	0.43	T.	0.00	0.32	0.00	0.15	0.45	0.41	0.76	4.00
Long Valley.....					T.	T.	4.32	0.31					
Maricopa.....	0.00	0.00	0.91	0.25	0.00	0.00	0.12	T.	0.60	0.37	0.10	1.01	2.36
Marinette.....	0.00	0.00	1.05	0.23	0.27		0.00	0.00				0.80	
Mesa Experiment Farm.....	0.00	0.00	1.50	0.11	T.	T.	0.01	0.02	0.23	0.82	0.09	0.41	4.19
Miami.....	0.00	0.00	2.71	0.77	0.30	0.60	2.10	1.45	0.22	0.58	0.26	3.27	12.26
Mocasin.....							1.89	0.22	0.70	0.43	0.00	2.11	
Mohawk.....	0.00	0.00	0.75	0.01	0.00	0.00	0.57	0.00	0.40	0.15	0.00	0.16	2.10
Mormon Flaks.....	0.00	0.00	2.44	0.10									
Mormon Lake Ranger Station.....					0.06	0.40	0.66	0.52	1.88	2.35			
Mount Harqua Hala.....	T.	0.00	1.63	0.35	0.06	T.	2.02	0.50	0.64	0.67	0.00	1.00	6.87
Naco.....	0.00	0.00	1.56	0.30	0.00	0.28	5.67	0.87	0.00	0.00	0.00	0.59	9.27
Nadaburg.....	0.00	0.00	1.04	0.39	0.10	0.00	0.59	0.00	0.50	0.65	0.00	1.31	4.58
Natural Bridge.....	0.26	T.	4.44	1.77	T.	0.07	0.49	1.36	1.45	0.95	0.35	5.30	16.44
Nogales.....	0.11	T.	2.61	0.01	T.	0.23	1.85	2.26	1.06	0.00	0.00	0.32	9.37
Oracle.....	0.00	0.00	4.23	0.53	0.00	0.17	1.67	1.15	0.17	0.56	0.38	1.86	10.72
Paradise.....	0.32	0.19	2.49	1.09	0.04	0.00	4.20	2.18	0.16	T.	0.21	1.61	12.49
Parker.....	0.60	0.00	0.20	0.40	0.00	T.	T.	0.00	0.46	0.00	0.00	0.74	1.80
Patagonia.....	0.21	0.00	3.07	0.56	0.02	0.56	4.80	2.88	0.12	0.00	0.14	1.01	13.37
Payson.....	0.21	0.11	3.28	1.30	0.02	0.17	1.75			0.90	0.51	3.00	
Phoenix.....	0.00	T.	0.99	0.22	0.01	T.	0.09	0.14	0.12	0.50	T.	1.16	2.03
Pinal Ranch.....	0.00	0.00	4.20	0.84	0.36	0.15	1.16	0.71	1.39	0.56	0.25	4.70	14.32
Pinedale.....	0.17	0.13	2.19	0.77	0.12	0.77	5.38	1.44	1.08	1.01	1.21	3.83	18.06
Portal.....	0.15	0.00	1.49								0.45	0.80	
Prescott.....	0.27	T.	2.84	1.35	0.00	0.52	1.82	1.65	2.45	0.88	0.45	4.13	16.26
Prescott Dry Farm.....	0.18	0.00	1.57	0.91	T.	0.00	0.83	0.11	1.31	0.67	0.29	1.61	7.58
Quartzsite.....	0.00	0.00	0.17	0.17	0.00	0.00	0.41	0.28	0.06	0.00	0.00	0.76	1.87
Redrock.....	0.00	0.00	1.53	0.17	T.	0.30	1.49	T.	0.88	0.28	0.65	0.90	6.20
Reno Ranger Station.....	T.	0.03	2.92	0.75	T.	T.	2.75	1.72	0.24	1.40	0.35	4.05	14.21
Rittenhouse Ranch.....	0.10												
Roosevelt.....	0.00	0.00	2.66	0.38	0.40	0.02	0.23	0.56	0.13	0.80	0.44	3.34	8.96
Rosemont.....	0.10	0.00	2.64	0.72	0.06	0.20	1.76	2.96	0.98	T.		1.43	
Rucker Canyon.....		0.16	2.79	0.74	0.46	0.02	4.52	2.04	0.25	0.06	0.15	1.76	
Ryan Ranger Station.....	0.15		3.65	1.79	0.66							3.63	
Sacaton.....	0.00	T.	1.33	0.25	0.51	0.00	0.39	0.20	0.40	0.49	T.	1.86	5.43
St. Johns.....	0.45	0.69	1.17	0.37	0.00	T.	1.72	0.61	0.65				
St. Michaels.....	0.52	0.40	0.98	0.72	T.	0.50	2.62			1.44	0.42		
Salome.....	0.00	0.00	1.00	0.39	T.	0.00	0.10	0.12	0.51	0.27	0.00	0.75	3.14
San Carlos.....	0.00	T.	1.84	0.09	0.15	0.00	0.27	T.	0.15	0.27	0.02	1.25	4.04
San Rafael Ranch.....	0.00	0.00	2.32	0.40	0.00	1.06	5.79	2.19	0.00	0.00	0.00	0.87	12.63
San Simon.....	0.00	0.10	1.18	0.18	0.05	0.00	1.15	0.62	0.00	0.00	T.	0.74	3.92
San Vicente.....					0.00	1.26	3.13	0.57	0.51	0.23	0.07	1.53	
Santa Marguerita.....	T.	0.00	1.50	0.20	0.00	0.00	3.15	2.32	0.52	0.36	0.00	1.20	9.19
Sellman.....	0.12	0.00	1.95	0.50	0.10	0.10	2.70	0.00	2.90	0.00	0.00	0.97	9.34
Show Low.....	0.04	0.21	1.39	0.62	0.18	0.05	4.95	1.58	0.90	0.80	1.18	2.92	14.91
Snowflake.....	0.20	0.16	1.28	0.98	0.20	T.	3.18	0.11	1.12	0.73	0.25	1.20	9.41
Soldier Camp.....					0.06	0.42	5.69	1.86	2.52	0.50			
Springerville.....	0.55	0.47	0.75	0.27	0.35	0.28	3.32	0.63	1.34	0.85	0.02	0.68	9.09
Spring Valley Ranger Station.....	0.00	0.00	2.51	1.32	0.05		1.89	0.68	3.58	1.78	0.20		
Sunai.....	0.23		0.90	0.19	0.14		0.72	0.69	2.32	0.41	0.25	2.82	9.42
Superior.....	0.00	0.00	4.35	0.84	0.09	0.70	1.55	0.49	0.20	0.65	0.28	3.46	12.68
Sycamore Ranger Station.....			3.25	1.80	0.00	0.00	1.13	0.00	2.45	2.00	0.00	3.41	
Tampe.....	0.00	0.00	1.32	0.27	0.00	0.00	0.36	0.21	0.43	0.71	0.20	1.79	5.29
Thatcher.....	0.00	T.	0.73	0.22	0.12	0.00	0.57	0.80	0.00	T.	0.00	0.54	2.96
Tombstone.....	0.07	0.01	1.09	0.47	0.12	0.00	2.50	1.82	0.23	0.05	0.01	0.99	7.36
Tonto Ranger Station.....	0.05	T.	1.40	1.07			1.17	0.48	0.24	0.87	0.61	2.67	
Truxton Canyon.....	0.05	0.00	1.90	0.96	0.15	0.25	1.03	0.10	1.09	0.18	0.00	1.59	6.85
Tuba City.....	0.16	0.00	0.12	0.09	0.02	0.00	0.10	0.00	0.14	0.13	0.00	0.82	1.58
Tucson.....	0.04	T.	1.58	0.71	T.	0.06	0.92	0.36	0.19	0.13	0.94	0.72	5.66
University of Arizona.....	0.00	T.	1.65	0.41	T.	0.17	1.15	0.68	0.19	0.16	0.61	0.65	5.07
Ventana Ranch.....	0.00	0.00	1.13	0.21	0.38	1.29	1.91	0.72	0.71	0.40	0.05	1.54	8.34
Walnut Creek Ranger Station.....	0.40	0.00	1.65	1.74	0.00	0.18	1.10	1.00		0.57	0.00	4.39	
Walnut Grove.....	0.00	0.00	1.70	1.27			1.96	0.20	1.88	0.72	0.00	2.65	
Waters Ranger Station.....						0.00	2.62	1.46	1.30	0.24	0.00	0.00	
Wellton.....	0.00	0.00	0.75		0.00								
Wickenburg.....	0.00	0.00	1.41	0.57	0.27	0.00	0.63	0.30	0.72	0.29	0.00	1.45	5.74
Wilbur Ranch.....							0.07	T.	0.17	0.77	0.15	1.63	
Willcox.....	0.11	0.00	1.64	0.53	0.06	0.04	0.66	1.06	0.07	0.02	0.00	0.46	5.57
Williams.....	0.10	T.	2.64	2.08	T.	T.	1.46	0.37	2.78	2.01	0.20	4.18	16.12
Windmill Ranch.....	0.00	0.00	1.52	0.74		0.23	0.26						
Winslow.....	0.05	0.06	0.25	0.99	0.04	T.	1.83	1.11	0.91	0.69	0.00	0.64	6.79
Yaeger Canyon.....	0.20	0.00	2.15	1.55		0.06	0.72				0.50	2.70	
Young.....	0.00	0.00	2.88	1.99	0.15	0.00	1.05	1.73	0.47	1.00	0.68	3.35	13.30
Yuma (Weather Bureau).....	0.00	0.00	0.08	0.11	0.06	0.06	T.	0.02	0.00	T.	0.50	0.50	0.78
Yuma (Citrus Station).....	0.00	0.00	0.12	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.51
Yuma (Date Orchard).....	0.00	0.00	0.04	0.11	T.	T.	T.	T.	0.04	0.00	0.00	0.35	0.54
Yuma (Evaporation Station).....	0.00	0.00	0.01	0.11	0.06	0.04	0.00	0.00	0.03	0.00	0.00	0.61	0.86
<i>Arkansas</i>													
Amity.....				4.08	2.90		2.00	1.88	3.00				
Arkadelphia.....	4.90	2.50	2.84	4.01	4.08	3.33	3.61	3.38	5.90	0.15	2.88	2.84	40.72
Arkansas City.....	4.29	4.23	4.41	3.64	5.95	0.57	0.32	1.53	3.56	T.	0.90	4.06	52.86
Arlberg.....	2.25	2.90	2.09	3.95	5.80	6.75	3.15	3.90	2.99	0.75	3.09	3.70	59.74
Batesville.....	2.53	2.58	2.92	4.59	5.71	5.36	3.88	2.81	2.36	0.56	1.82	3.04	37.87
Bee Branch.....	2.10	2.50	3.96	5.26	4.60	5.86	1.75	4.63	2.26	0.45	1.88	3.13	37.69
Bentonville.....	1.49	1.76	4.17	6.19	2.78	4.74	6.94	3.04	6.77	1.42	2.21	3.68	45.94
Black Rock.....	2.52	3.61	2.65	4.55	5.94	3.78	3.00	5.01	4.12	0.14	3.69	3.25	42.69
Booneville.....	1.85	1.08	2.81	4.92	3.38	2.95		2.00	3.04				
Brinkley.....	4.03	2.11	3.81	6.02	6.25	3.06	1.61	0.61	11.10	0.11	4.43	4.25	47.59
Calico Rock.....	1.40	2.45	2.82	3.66	5.16	9.90	2.88	5.13	2.92	0.22			

PRECIPITATION, 1924

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Arkansas—Continued													
Conway	2.84	2.56	2.85	5.34	4.49	4.04	5.08	3.48	3.06	0.06	1.89	4.67	40.35
Corning	2.65	1.69	1.88	3.11	5.78	3.13	2.93	4.59	3.73	0.00	4.18	2.50	36.17
Dam No. 1							4.49	1.42	2.14	T.	2.50	3.04	
Danville	2.24	1.05	3.33	5.19	4.47	4.79	3.06	1.62	4.76	T.	1.62	3.68	35.81
Dardanelle	2.53	1.05	2.64	5.19	5.80	4.75	0.61	0.90	3.06	0.42	1.95	3.40	32.36
Dodd City	1.17												
Dumas	4.66	4.18	4.21	5.64	4.66	2.10	2.22	1.96	3.72	0.18	1.22	5.78	40.53
Dutton	4.09	0.90	2.93	4.19	4.40	3.53	3.81	3.73	4.39	0.98	1.91	5.85	40.71
El Dorado	4.62	4.63	4.95	4.71	4.51	1.96	0.28	1.80	2.18	0.12	1.62	5.02	36.30
England	3.97	1.83	3.62	8.29	3.75	2.11	1.12	1.65	7.09	0.02	2.71	3.43	39.59
Eureka Springs	1.69	1.70	3.56	4.45	2.78	5.96	0.46	3.76	6.35	2.13	2.06	5.84	49.74
Evening Shade	2.03	2.91	2.54	5.15	6.18	8.21	2.89	4.59	2.88	0.06	2.86		
Fayetteville	1.15	0.60	3.36	4.51	4.90	5.28	5.55	2.48	5.30	0.51	1.43	3.68	38.75
Fort Smith	2.02	1.55	1.96	7.57	3.06	3.96	1.38	1.72	3.54	1.08	0.89	4.44	33.17
Fulton	4.99	2.04	2.90	4.05	4.45	1.11	0.15	0.57	2.04	0.06	2.40	2.68	27.44
Georgetown	4.17	1.92	3.82	6.33	4.52	5.17	2.04	1.35	6.65	T.	1.90	4.08	41.95
Gilbert							3.19	3.57	2.88	0.45	2.05	2.80	
Granma	3.33	2.87	3.46	5.72	4.53	1.69	2.72	1.60	6.27	0.22	2.28	2.98	36.77
Gravette	2.11	1.65	3.78	5.98	3.24	4.41	9.19	2.59	5.60	1.48	3.31	5.86	49.61
Harrison							3.39	3.29					
Heber Springs	2.45	2.07					2.65	6.46					
Helena	4.37	3.08	5.02	7.07	6.91	3.68	0.39	1.82	3.32	0.02	1.84	4.80	42.32
Higden	1.82	2.08	2.93	5.53	4.56	4.77	0.74	2.86	2.34	0.45	1.30	3.20	32.58
Hope	5.31	1.86	4.05	4.16	3.91	1.96	0.18	1.10	4.42	0.30	2.90	2.05	32.10
Hot Springs	3.41	2.56	4.02	5.01	3.01	3.16	2.18	5.45	6.58	0.07	5.60	2.07	44.02
Huttig	4.05	4.80	5.10	6.80	3.93	1.25	1.05	0.88	3.30	T.	0.20	4.90	35.76
Jonesboro	3.13	1.85	2.19	4.48	7.96	4.20	1.97	2.77	2.90	0.11	1.81	4.87	38.14
Juncton	2.98	4.62	5.27	5.28		3.55	0.47	0.86	0.86	0.22		4.24	
Lambrook	5.26	4.63	2.47	5.99	4.90	2.17	3.32	1.54	2.43	0.10	2.48	5.25	40.54
Little Rock	3.59	1.64	2.70	5.43	2.44	2.89	1.25	1.74	5.44	0.05	2.54	1.88	31.57
Lutherville	2.52	1.37	2.16	3.70	4.28	4.54	3.02	1.42	2.53	0.91	1.50	2.30	29.12
Magnolia	5.50	3.60	2.70		4.40	3.70	0.60	0.15	1.30	0.15	3.34	3.97	
Malvern	3.85	2.38	2.62	4.95	3.17	4.16	1.01	5.26	8.56	0.30	3.32	2.41	41.99
Manmoth Spring		2.82	2.00	3.56	4.50	3.11	3.28	3.32	1.80	0.40	1.41	4.12	
Marlana	4.86	1.74	2.34	5.97	4.21	5.51	1.95	2.70	4.98	0.07	3.10	3.39	40.82
Marked Tree	3.96	2.21	2.31	3.64	4.76	3.00	0.43	1.53	5.22	1.10	1.77	4.34	33.27
Marshall	1.60	1.73	6.03	4.42	4.87	5.03	4.98	2.18	2.61	1.21	2.04	4.22	40.87
Mena	2.28	1.15	2.66	6.04	2.74	3.57	2.15	2.24	3.46	0.15	3.17	3.74	33.35
Morrilton	1.66	1.78	3.09	4.58	4.45	3.12	3.11	1.35	4.80				
Mountain Home	1.75	1.52		2.92	6.42	6.27	3.04	4.56	4.56	0.27	2.30	2.29	
Mountain View							3.45	1.68					
Mount Ida	2.33		2.90	3.66		3.53	2.49	2.82	4.85	0.49	2.62	2.63	
Murfreesboro	4.14	2.85	4.59	3.34	7.73	2.90	1.48	3.36	3.04	0.09	3.29	2.41	36.90
Nail	2.10	1.62	2.16	4.13	7.25	4.66	4.50	2.15	4.05				
Newport	2.03	1.41	4.06	4.71	4.37	4.90	1.81	2.48	1.34	0.08	1.35	4.68	33.22
Osoola	3.89	1.65	1.82	2.45	4.09	2.00	1.30	3.11	3.28	0.09	0.97	3.75	28.38
Ozark	1.88	1.60	2.43	5.22	4.64	3.84	1.89	1.96	2.11	0.49	1.81	3.54	31.41
Patterson	3.80	1.60	3.00	4.50	4.34	4.70	0.90	2.30	3.95	0.00	1.49	5.44	36.02
Piggott									5.43	0.09	3.11	2.99	
Pindall	1.29	1.48	2.10	3.26	4.24	6.69	5.16	4.03	2.37	1.01	2.82	3.81	38.36
Pine Bluff	4.00	2.59	5.00	4.19	5.72	2.47	1.44	2.84	5.62	T.	3.60	5.85	43.82
Pocahontas	2.28	3.10	2.87	5.32	6.31	4.52	3.42	3.93	3.78	0.60	3.55	4.07	43.75
Poriland	4.06	6.36	4.69	6.19	3.91	0.27	0.42	0.89	1.93	0.00	0.94	3.52	33.78
Prescott	5.01	2.36	2.64	4.80	4.26	1.44	0.86	1.23	5.42	0.21	2.03	2.56	32.67
Princeton	3.65	2.00	3.90	5.58	5.30	2.00	0.00	2.65	5.05	T.	3.11	3.62	36.11
Rison	3.33	2.17	4.84	6.29	6.63	1.54	1.17	1.70	5.95	0.12	4.64	1.99	40.67
Rogers	1.15	0.84	3.24	5.02	3.78	5.95	9.15	3.77	6.14	1.22	1.75	4.54	46.55
Searcy	1.05	0.90	1.25	5.02	3.55		1.80	1.90	1.75	0.05	1.25	1.30	
Snow Lake						1.37							
Springbank	5.24	3.71	3.81	3.25	3.59	1.62	0.10	1.28	2.90	0.20	2.45	2.93	31.06
Stuttgart	4.02	2.05	3.15	6.03	4.44	2.37	0.70	1.38	5.17	0.00	3.26	4.95	37.52
Subisco	1.80	0.94	2.69	5.51	4.91	2.88	2.12	0.48	8.51	0.17	1.00	2.30	28.97
Texasarkans	4.18	2.22	3.83	5.06	4.63	2.35	0.65	0.99	2.41	0.25	2.64	2.77	32.00
Waldron	2.41	1.14	3.11	8.53	4.19	4.07	1.70	0.84	3.30	0.98	2.02	3.11	84.50
Warren	6.80						2.10	0.66	3.14	T.	1.60	3.90	
Whitefish	4.22	1.30	2.70	3.25	4.88	2.15	0.00	T.	3.13	0.30	0.90	1.00	23.88
Wynne	4.04	1.82	3.20	4.17	3.70	1.83	0.61	1.15	6.11	0.12	2.94	4.10	38.88
California													
Abbotts	3.13	0.30	3.44	0.34	0.00	0.00	0.00	0.00	0.00	0.88	2.53	2.29	13.01
Acton	0.15	0.00	2.04	1.84	0.00	0.00	0.00	0.00	T.	0.03	0.06		
Aguaanga	0.10	0.00	4.34	1.22	0.00	0.00	0.00	0.00	0.75	0.83	0.18	2.26	9.25
Alder Creek	0.50	0.07	6.06						T.	0.40	1.45	2.88	
Aitadens	1.53	0.09	4.90	2.08	0.02	T.	0.05	0.00	0.06	1.09	2.01	2.09	14.22
Alvarado (near)									T.	1.27	1.64	3.30	
Amago	1.11	0.00	9.75	4.00	0.00	0.00	0.00	0.00	0.00	0.41	1.89	7.99	25.15
Amago	0.38	0.89	2.17	0.70	0.00	0.00	0.00	0.00	T.	0.00	0.43	0.27	6.25
Angiola	0.37	0.40	1.51	0.51	0.00	0.00	0.00	0.00	0.00	0.30	0.21	0.59	3.89
Antelope Valley	1.51	1.88	1.25	0.05	0.00						0.95		
Antioch	0.41	0.61	6.11	3.56	0.00	0.00							
Arrowhead Springs	0.88	0.12	6.40	2.80	0.00	0.00	0.00	0.00		1.21	1.48	2.28	
Arroyo Seco	1.27	0.56	3.57	0.41	0.28	0.00	0.00	0.00	T.	0.00	1.64	1.84	11.86
Atascadero	1.69	0.61	5.60	1.29	0.06	0.00	0.00	0.00	0.00	0.00	2.80	4.62	19.55
Auberry	2.61	3.43	2.19	0.70	0.12	0.00	0.00	0.00	0.00	5.74	2.25	5.30	22.84
Auburn	0.45	0.00	2.60	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	1.60
Avalon	0.90	0.00	0.10	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bagdad	0.16	0.49	1.71	0.29	T.	0.00	0.00	0.00	T.	0.28	0.15	0.89	3.99
Bakersfield	1.09	0.06	4.44	1.88	0.00	0.00	0.00	0.00	T.	0.00	0.27	0.43	13.02
Banning	0.54	0.05	5.20	3.38	0.00	0.00	0.00	0.00	0.00	0.20	1.10	0.14	8.89
Barlow Sanitarium	1.04	T.	5.66	1.21	0.00	0.00	0.00	0.00	0.00	0.64	1.02	4	

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
California—Continued													
Betteravia.....	0.90	0.38	3.21	1.04	0.00	0.00	0.00	T.	0.00	0.69	0.56	1.84	8.62
Big Sur.....	6.92	1.21	5.01	0.97	0.00	0.02	0.00	0.00	0.00	3.54	5.43	5.64	28.74
Bishop Creek.....	T.	0.95	2.04	0.28	0.70	0.00	T.	T.	T.	0.65	1.46	1.70	7.78
Blue Canyon.....	5.33	5.78	5.48	1.48	T.	0.00	0.00	0.00	0.00	5.12	5.32	10.06	40.17
Blythe.....	0.00	0.00	0.20	0.23	T.	0.00	T.	0.00	0.40	0.00	0.00	0.40	1.29
Bonita.....	0.29	T.	2.79	1.27	0.00	T.	0.00	0.01	0.01	0.20	0.59	1.65	6.81
Brawley.....	0.00	0.00	0.04	0.55	0.42	T.	0.00	0.00	0.00	0.00	0.00	0.22	1.23
Brooks.....	3.15	2.65	1.38	0.30	0.05	0.00	0.00	0.00	0.00	3.56	1.16	5.03	17.30
Bryant Ranch.....	1.34	0.19	3.98	1.97	0.00	0.00	T.	0.00	T.	1.09	1.75	1.69	12.01
Burkhart Ranch.....	0.11	0.06	3.01	1.79	0.00	0.00	0.00	0.00	0.00	0.02	0.04	1.10	6.13
Cajon Ranger Station.....	0.60	0.00	7.26	3.31	0.00	0.00	0.00	0.00	0.00	0.44	0.55	1.42	13.58
Calxico.....	0.00	0.00	0.17	T.	0.14	T.	T.	T.	0.02	0.00	0.00	0.33	0.66
Camp Baldy.....	1.01	0.95	9.95	3.93	0.00	0.00	0.00	0.00	0.08	1.11	1.75	4.23	23.01
Campbell.....	2.15	0.46	1.77	0.43	0.00	0.00	0.00	0.00	T.	1.60	1.38	2.51	10.30
Campo.....	0.35	0.00	5.47	1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	10.83
Camptonville (near).....	5.32	7.61	4.25	1.45	0.19	0.01	0.00	T.	0.01	7.90	5.14	10.83	42.71
Canyon Dam.....	2.60	4.10	2.01	0.50	0.00	0.24	0.00	0.13	0.34	4.08	2.96	4.04	20.90
Cascade.....	1.74	0.63	4.31	2.33	0.26	0.00	0.00	0.00	0.00	3.51	2.79	6.92	22.70
Cedarville.....	0.32	0.89	1.51	0.44	0.00	0.10	0.00	0.10	0.25	2.05	0.86	1.66	9.19
Centerville Powerhouse.....	3.74	7.25	2.59	0.81	T.	0.00	0.00	0.03	0.00	4.95	3.91	7.33	30.41
Chesler.....	2.63	2.13	1.91	0.19	T.	0.03	0.09	0.39	0.35	3.91	2.49	4.43	19.27
Chico.....	3.00	4.69	1.84	0.42	0.00	0.00	0.00	0.07	0.00	4.50	2.31	5.83	22.36
China Flat.....	3.24	3.85	2.16	0.09	0.12	0.04	0.02	0.99	0.44	7.02	7.80	7.14	32.69
Chula Vista.....	0.18	T.	1.84	0.84	0.00	0.00	0.00	0.00	0.00	0.32	0.35	1.74	5.25
Churn Creek.....	2.66	3.08	0.95	0.41	0.00	0.00	0.00	0.26	0.00	3.94	3.04	4.42	19.47
Claremont.....	0.85	0.00	5.38	3.41	0.00	0.00	0.00	0.00	0.00	0.70	0.00	2.00	10.83
Clear Lake Park.....	0.95	0.68	0.05	0.14	0.00	0.00	0.00	0.00	0.00	3.41	0.80	6.06	25.42
Cliff Camp.....	1.90	0.85	4.90	1.19	0.15	0.00	T.	T.	0.00	4.90	4.45	7.08	24.38
Cloverdale.....	4.74	4.46	0.62	0.27	0.10	0.00	0.00	T.	T.	6.36	3.22	4.72	24.38
Clovis (near).....	0.32	0.32	3.18	0.29	0.00	0.00	0.00	0.00	0.00	0.94	1.31	2.85	4.65
Coalinga.....	0.67	0.90	1.13	0.91	T.	0.00	0.00	0.00	0.00	0.59	0.11	0.94	4.65
Colfax.....	4.29	4.14	3.21	1.63	0.26	0.00	0.00	0.00	0.00	6.08	2.65	8.34	30.50
Colgate.....	2.81	4.88	2.67	1.29	0.11	0.00	0.00	0.00	0.00	5.72	2.41	9.03	28.89
Colusa.....	2.20	1.70	1.57	0.08	0.02	0.00	0.00	0.00	T.	2.88	0.55	4.31	13.41
Corona.....	0.49	0.00	3.00	2.38	0.00	0.00	0.00	0.00	T.	0.20	0.53	1.70	8.30
Covina.....	0.62	0.02	5.50	3.36	0.00	0.00	0.00	0.05	0.80	1.67	1.79	13.71	37.91
Crescent City.....	2.47	5.70	3.84	1.66	1.59	0.85	0.05	1.35	1.37	17.56	13.76	9.90	60.91
Crockett.....	2.21	1.69	1.13	0.18	T.	0.00	0.00	T.	T.	1.60	0.84	3.76	11.36
Cuyamaca.....	1.63	0.05	18.63	4.13	0.00	0.00	0.00	0.00	0.00	1.15	2.45	7.71	31.15
Davis.....	2.46	2.76	1.18	0.38	0.05	0.00	0.00	0.00	0.00	2.05	1.42	3.55	13.85
Decker's Ranch.....	1.68	T.	9.26	4.25	0.31	0.00	0.13	0.25	0.58	0.88	2.22	8.57	28.01
Deer Creek.....	4.49	6.41	4.80	0.83	0.68	0.00	T.	T.	T.	9.21	4.47	10.76	41.08
Del Monte.....	1.77	0.11	2.86	0.41	0.10	0.00	0.00	0.00	0.00	1.51	0.99	3.31	8.37
Denair.....	1.09	0.34	1.08	0.05	0.00	0.00	0.00	0.00	0.00	7.08	5.02	7.90	28.59
De Sable.....	5.62	9.14	2.78	0.89	T.	0.00	0.00	0.16	0.00	3.44	8.45	4.13	27.48
Devore Ranch.....	1.69	0.00	8.79	4.43	0.90	0.00	0.00	T.	0.00	4.33	0.00	0.93	27.48
Dinkey Meadow.....	2.35	0.84	5.30	1.46	0.68	0.00	0.00	0.00	0.00	1.20	1.95	2.16	9.29
Dinuba.....	0.79	0.42	2.42	0.35	0.00	0.00	0.00	0.00	0.00	5.66	2.47	9.61	30.55
Dobbins (near).....	3.00	5.45	2.72	1.32	0.12	0.00	0.00	0.00	0.00	0.60	0.00	0.60	3.22
Doble Ranch.....	0.00	0.00	1.51	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	3.22
Downsville.....	4.04	5.79	3.99	1.57	0.03	0.02	0.00	T.	0.24	8.69	5.03	10.17	39.87
Doyle.....	0.13	0.25	0.90	0.75	T.	T.	0.02	0.03	0.40	3.19	0.73	0.96	7.36
Dry Canyon Reservoir.....	0.25	0.13	3.31	1.71	0.00	0.00	0.00	0.00	0.00	0.27	0.28	0.60	6.54
Dudley.....	0.28	0.00	2.12	0.32	0.02	0.00	0.00	0.00	0.00	0.77	0.14	0.91	4.66
Dudleys.....	4.39	1.43	5.67	0.85	0.05	0.00	0.00	T.	0.00	5.91	3.63	6.17	28.10
East Park.....	3.25	0.78	1.03	0.09	0.21	0.00	0.00	T.	2.80	0.80	6.07	14.08	
Echo Mountain.....	1.60	0.05	5.70	2.74	0.00	0.00	0.00	0.00	0.00	1.24	2.52	2.69	16.54
Edison (near).....	6.16	0.50	2.45	0.88	0.02	0.00	0.00	0.00	0.00	0.51	0.17	2.73	7.22
El Cajon.....	6.75	T.	4.50	1.60	T.	T.	T.	0.03	T.	0.22	0.68	2.40	10.15
Electra.....	2.94	1.80	2.53	0.88	0.09	0.00	0.00	0.00	0.00	4.42	2.33	3.37	20.56
Elery Lake.....	0.16	0.01	3.70	1.32	0.00	0.00	0.02	0.00	0.27	0.44	2.23	8.30	
Elsinore.....	2.04	4.55	3.70	0.70	0.00	0.00	0.00	0.00	2.90	0.00	0.00	0.00	
Emigrant Gap.....	1.07	0.00	4.93	1.35	0.00	T.	0.00	T.	0.02	0.54	0.91	3.90	12.72
Esccondido (No. 1).....	1.23	0.00	4.36	1.32	0.00	0.00	0.00	0.00	0.00	0.67	0.62	4.27	13.47
Esccondido (No. 2).....	1.05	3.19	2.85	0.67	0.08	0.05	0.02	1.03	0.41	6.94	6.37	4.07	27.53
Enroka.....	0.30	0.00	3.67	1.45	0.00	0.00	0.00	0.00	0.22	T.	0.91	0.91	6.55
Fairmont.....	1.38	2.06	1.91	0.62	0.06	T.	0.00	0.42	0.10	2.04	1.25	1.08	11.62
Firebaugh.....	1.19	0.40	1.64	0.67	0.01	0.00	0.00	0.00	0.00	0.67	0.59	1.38	6.55
Folsom.....	2.44	2.04	1.76	0.58	0.10	0.00	0.00	0.00	T.	3.80	2.12	3.79	18.19
Fontana.....	0.60	0.05	4.32	2.18	0.00	0.00	0.00	0.00	T.	1.20	1.50	2.52	13.64
Fordyce Dam.....	5.29	6.53	5.10	2.14	0.08	T.	0.00	T.	0.63	8.72	4.49	9.79	48.13
Fort Bidwell.....	0.39	1.30	1.00	0.68	T.	0.33	0.23	0.63	0.59	2.05	1.58	2.58	10.99
Fort Bragg.....	3.24	3.89	1.63	0.22	0.08	0.00	0.00	0.25	0.22	7.14	4.39	7.83	26.46
Fort Ross.....	3.52	6.69	0.43	1.13	0.22	0.04	0.01	0.15	0.01	6.87	4.01	8.01	30.88
Fresno.....	0.84	0.31	2.59	0.54	T.	0.00	0.00	T.	0.00	0.64	0.73	1.61	7.26
Friant.....	1.36	0.47	4.30	0.71	0.00	0.00	0.00	0.00	0.00	1.35	1.17	2.68	12.19
Gam Lake.....	1.75	1.05	9.19	2.26	6.16	0.00	0.01	0.01	T.	6.30	7.25	10.47	39.30
Giant Forest.....	0.43	1.07	4.62	1.06	0.11	0.00	0.00	0.00	0.00	2.34	1.92	6.40	18.01
Glennville (near).....	3.72	5.85	4.07	1.22	0.10	0.00	0.00	T.	0.00	7.19	3.65	10.33	36.33
Grass Valley.....	0.00	0.00	0.15	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44
Greenland Ranch.....	1.30	0.16	6.89	2.56	0.00	0.00	0.00	0.00	T.	1.36	0.00	2.59	10.44
Haines Canyon.....	0.04	0.60	1.11	0.06	0.00	0.00	0.00	0.00	T.	0.37	0.30	0.43	2.21
Halwee.....	0.52	0.43	1.86	0.65	0.00	0.00	0.00	T.	0.00	0.65	0.00	2.13	7.13
Happy Camp.....	2.89	4.69	0.33	0.33	0.00	0.00	0.61	0.69	0.00				

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
California—Continued													
Huntington Lake	1.67	0.68	4.12	1.65	0.29	0.00	0.00	0.00	0.00	3.70	3.47	5.91	21.49
Hurley Flat	0.75	T.	5.43	3.23	0.00	0.00	T.	0.10	1.03	0.21	1.01	2.90	14.66
Idria	2.00	0.56	2.35	1.61	T.	0.00	0.00	0.00	0.00	1.08	0.80	1.28	9.68
Independence	0.00	0.00	0.00	0.00	T.	0.00	T.	T.	T.	0.06	0.33	1.26	2.34
Inskip	5.69	10.02	5.62	1.35	0.00	0.00	0.00	0.20	0.12	6.49	6.83	9.47	45.69
Iron Forks	0.65	0.35	10.14	3.28	0.00	0.00	0.00	0.00	0.12	0.88	1.62	3.07	20.11
Jenny Lind	1.71	0.83	1.67	0.48	0.00	0.00	0.00	0.00	0.00	2.63	2.42	3.80	13.54
Johnstone Ranch	0.29	0.00	3.16	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jolon	2.75	0.96	2.82	1.01	T.	0.00	0.00	0.00	T.	0.18	0.51	0.95	9.18
Julian	1.20	0.02	9.23	3.02	0.00	0.00	0.00	0.00	0.18	0.97	1.45	6.45	22.52
Kennedy Mine	2.86	1.69	2.64	0.60	0.15	0.00	0.00	0.00	0.00	4.19	3.80	5.67	21.40
Kennett	4.72	5.02	0.98	0.28	T.	0.00	0.00	0.21	T.	7.06	8.92	5.46	32.65
Kentfield	6.77	6.85	2.22	0.34	0.00	0.00	0.00	0.00	0.00	6.51	5.82	11.73	40.24
Kernville	0.53	0.01	1.64	0.35	0.00	0.00	0.00	0.00	0.00	0.21	0.98	2.76	6.48
King City	1.75	0.72	2.24	0.67	0.10	0.00	0.00	0.00	0.00	0.20	0.35	1.10	7.11
Knight's Landing	0.82	2.89	0.92	0.19	0.00	0.00	0.00	0.00	0.00	2.76	0.70	4.46	14.76
La Crescenta	0.93	0.23	7.50	2.67	0.00	0.00	0.00	0.00	0.00	1.53	1.84	2.06	12.91
La Grange	2.47	0.59	2.44	0.26	0.00	0.00	0.00	0.00	0.00	2.46	1.37	3.32	12.91
Lake Eleanor	3.96	2.85	4.76	1.61	0.27	0.00	0.00	0.00	0.00	4.79	3.11	6.47	27.82
Lakeport	4.34	3.45	0.52	0.14	0.55	0.00	0.00	0.00	0.00	5.00	1.67	8.10	23.77
Lake Sebrina												2.03	
Lake Spaulding	4.02	5.96	6.83	2.16	0.13	0.00	0.00	T.	T.	9.78	4.75	11.77	45.4
La Porte	4.13	6.60	4.77	1.30	0.00	0.00	0.00	0.64	0.00	9.06	5.61	9.55	41.66
Las Plumas	4.01	7.59	2.49	1.12	0.00	0.01	0.00	0.25	0.00	5.34	4.33	7.99	33.13
Lathrop	1.40	1.36	1.01	0.25	1.09	0.00	0.00	0.00	0.02	1.65	1.69	2.50	10.87
Lo Grand	1.79	0.36	2.00	0.35	0.00	0.00	0.00	0.00	0.00	1.42	1.20	2.42	9.53
Lemon Cove	0.77	1.15	2.36	0.61	T.	0.00	0.00	0.00	0.00	0.97	1.92	3.32	11.10
Lick Observatory	3.29	1.35	3.25	0.30	0.07	0.00	0.00	0.00	0.00	3.16	3.03	3.19	19.67
Lindsay	0.62	0.69	2.29	0.67	0.00	0.00	0.00	T.	0.00	0.70	1.62	2.33	8.92
Litchfield	0.19	0.38	0.89	0.28	0.00	0.03	0.00	0.02	0.33	2.24	0.23	0.97	5.57
Live Oak Canyon	0.77	0.00	5.80	3.74	0.00	0.00	0.00	0.00	6.02	1.22	2.06	2.12	15.75
Livermore	1.40	0.93	0.65	0.28	0.07	0.00	0.00	T.	T.	1.30	1.53	2.63	8.79
Llano	0.02	0.01	1.95	1.40	0.00	0.00	0.00	0.00	0.00	T.	T.	0.30	3.66
Long Beach	0.82	0.08	3.95	2.27	0.00	0.00	0.00	0.00	0.00	0.41	0.62	0.93	9.08
Los Alamos	0.59	0.19	3.15	0.71	0.00	0.00	0.00	T.	0.00	0.82	0.85	1.43	7.74
Los Angeles	0.36	0.03	3.42	1.43	0.00	0.00	0.00	0.00	T.	0.63	1.14	1.10	8.11
Los Gatos	5.09	1.22	2.03	0.29	0.62	0.00	0.00	0.00	T.	2.70	2.37	2.76	16.54
Lower Haines Canyon	1.49	0.10	5.06	2.44	0.00	0.00	0.00	T.	T.	0.94		1.86	
Lundy Lake												0.65	2.23
Lyle Creek	1.07	0.36	8.15	4.14	0.00	0.00	0.00	0.00	2.40	0.60	4.62	4.22	24.96
McCloud	1.04	5.32	1.05	T.	0.15	0.25	0.00	0.30	0.31	8.66	7.45	6.93	31.66
Madeline	0.72	0.57	2.98	0.57	T.	T.	T.	0.81	0.29	2.23	1.05	0.50	8.92
Mariopos	0.98	0.41	1.05	0.78	0.04	0.00	0.00	0.00	0.00	0.24	0.35	0.38	3.31
Mariopos	3.10	0.62	5.02	0.74	0.01	0.00	0.00	0.00	0.00	3.65	4.77	4.32	22.23
Markleville	0.68	0.45	2.22	0.80	0.23	0.01	0.00	T.	0.06	3.84	2.90	3.22	14.41
Marysville	2.81	3.30	1.84	0.25	0.12	0.00	0.00	0.00	0.00	3.96	1.88	5.77	19.93
May Canyon	0.90	0.45	4.64	2.40	0.00	0.00	0.00	0.00	0.00	0.85	1.40	1.63	12.27
Mecca	0.00	0.00	0.05	0.24	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.07	0.41
Melones	3.45	1.48	2.94	0.58	0.00	0.00	0.00	0.00	0.00	3.96	1.82	4.95	19.18
Merced	1.93	0.33	1.81	0.09	T.	0.00	0.00	0.00	0.00	1.21	1.47	2.19	9.03
Merced Falls	2.37	0.86	2.51	0.48	0.00	0.00	0.00	0.00	0.00	2.26	2.07	2.42	12.97
Middlewater	0.11	0.35	1.19	0.53	0.06	0.00	0.00	0.00	0.00	0.30	0.16	0.35	3.05
Mill Creek (Amador County)	3.33	3.90	3.18	1.19	0.06	0.00	0.00	0.00	0.00	6.43	4.01	8.89	30.08
Mill Creek (San Bernardino County)	0.50	0.24	6.85	3.37	0.00	0.00	0.00	0.60	T.	0.60	1.82	3.72	17.39
Milton (near)	2.14	1.05	1.67	0.47	0.04	0.00	T.	0.00	0.00	2.24	1.42	3.34	11.15
Mokelumne Hill	2.93	1.13	2.35	0.60	0.13	0.00	0.00	0.00	0.00	5.37	2.30	6.34	21.15
Monroeville	2.98	2.46	0.74	0.36	0.00	0.00	0.00	0.00	0.00	3.70	1.20	4.77	16.21
Monrovia Canyon	1.45	0.02	6.04	2.91	0.00	0.00	0.00	0.00	0.00	1.33	2.45	1.78	8.95
Montague	0.35	1.08	0.23	0.03	0.18	0.19	0.16	0.22	0.65	2.29	1.79	1.78	8.95
Mountain Springs	0.75	0.00	3.52	0.00	0.00	0.00	0.00	0.00	0.00	1.44	2.45	0.45	6.20
Mount Wilson	1.86	0.30	9.45	3.07	0.01	0.00	T.	0.00	0.00	1.06	2.74	2.99	21.38
Mouth San Antonio Canyon	1.14	0.01	7.70	4.54	0.00	0.00	0.00	0.00	0.09	1.24	2.47	3.42	20.61
Napa	2.58	3.53	1.35	0.35	6.10	0.00	0.00	0.16	0.00	3.20	2.50	6.27	20.04
Needles	T.	0.00	0.13	0.08	0.06	T.	0.30	0.02	0.04	T.	0.56	1.19	1.19
Neenach	0.23	0.00	2.51	1.16	0.00	0.00	0.00	0.00	0.00	0.07	1.09	0.84	6.20
Nevada City	3.80	5.04	3.39	1.17	0.08	0.00	T.	T.	0.00	6.91	2.89	8.91	32.19
Newman	0.93	0.28	1.82	0.19	0.14	0.00	0.00	0.00	0.00	0.77	1.00	1.93	7.03
Newport Harbor												0.37	1.57
Nicolson	2.53	3.45	1.33	0.20	0.00	0.00	0.00	0.00	0.00	3.49	1.02	5.40	17.51
North Bloomfield	3.23	4.77	3.29	1.39	T.	0.00	0.00	T.	T.	6.21	1.99	8.77	29.55
North Fork	2.76	0.67	5.30	1.18	0.53	T.	0.00	0.00	T.	3.54	4.17	5.32	23.47
Oakdale (near)	1.98	0.54	1.94	0.30	0.05	0.00	0.00	0.00	T.	1.98	1.32	2.08	11.19
Oakland	2.49	3.57	1.98	0.20	T.	0.00	0.00	0.04	T.	2.75	2.54	4.78	18.35
Ojai	0.70	0.06	4.00	0.97	0.00	T.	0.00	0.00	0.00	1.87	1.00	1.38	9.48
Opid Camp	0.91	0.15	12.13	3.84	0.00	0.00	0.03	0.00	T.	1.80	2.51	4.05	16.12
Oriand	2.77	1.68	1.58	0.27	0.05	0.00	0.00	T.	T.	3.69	0.56	5.22	36.26
Orleans	3.02	3.76	1.50	0.14	0.08	0.12	0.06	1.27	0.67	11.17	6.57	7.96	36.26
Oroville (near)	2.47	5.14	2.17	1.06	0.00	0.00	0.00	0.00	0.00	3.24	1.94	6.68	21.15
Oxnard	0.63	0.05	3.22	0.79	0.00	0.00	0.00	0.00	0.00	0.35	1.18	1.04	7.53
Ozena	0.47	0.15	2.61	0.79	0.00	0.00	0.00	0.00	0.00	0.22	0.30	0.76	5.33
Palmdale	1.43	0.00	4.45	1.59	0.00	0.00	0.00	0.00	T.	1.16	1.56	1.47	11.71
Panorama	1.05	0.06	1.72	0.94	0.00	0.00	0.00	0.00	0.40	0.07	0.03	0.72	3.99
Palo Alto	1.66	0.80	1.74	0.31	0.06	0.00	0.00	0.00	T.	1.42	0.81	2.65	9.45
Parkfield (near)	1.09	0.62	2.24	0.79	0.00	0.00	0.00	0.00	0.00	0.26	0.48	1.49	6.97
Pasadena	1.30	0.11	4.74	1.51	0.00	0.00	0.00	0.00	0.00	1.00	1.74	1.84	12.24
Paso Robles (No. 1)	1.52	0											

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>California—Continued</i>													
Point Reyes Station.....			2.28	0.23	T.	0.00	0.00	0.01	T.	5.66	4.32	8.78	
Pomona.....	0.89	0.01	5.48	3.00	0.00	0.00	T.	0.00	0.02	0.64	1.74	1.79	13.87
Porterville.....	0.74	1.28	2.16	0.55	0.00	0.00	0.00	0.00	0.00	0.63	1.42	2.63	9.41
Portola.....	1.08	0.15	2.28	0.17	0.00	0.00	0.00	0.00	0.01	1.49	0.52	1.78	7.48
Priest Valley.....	3.06	0.56	3.40	0.65	0.41	0.00	0.00	0.00	0.00	1.16	1.03	2.46	12.73
Quincy.....	2.39	4.96	1.86	0.93	0.18	0.00	0.00	0.28	0.93	5.18	3.58	4.29	24.58
Raywood Flat.....	0.08	T.	12.37	6.56	0.00	0.00	0.00	0.00	0.51	0.47	1.27	7.90	29.06
Red Bluff.....	3.41	2.14	1.09	0.32	0.01	0.00	0.00	0.11	0.00	4.22	1.69	4.10	17.99
Redding.....	2.99	3.69	1.08	0.25	0.05	T.	0.00	0.25	T.	5.47	5.64	5.55	24.97
Redlands.....	0.40	0.12	3.03	2.68	0.00	0.00	0.00	0.00	0.00	0.51	1.53	1.91	10.18
Represa.....	2.80	2.19	2.02	0.62	0.09	0.00	0.00	0.00	0.00	3.25	2.19	5.90	19.06
Rio Vista.....	1.63	2.52	1.59	0.12	0.03	0.00	0.00	0.00	0.00	1.95	1.32	4.73	13.89
Riverside.....	0.15	0.00	2.70	1.31	0.00	0.00	0.00	0.00	0.00	0.26	0.93	1.88	7.73
Rocklin.....	2.39	2.32	1.66	0.50	0.00	0.00	0.00	0.00	0.00	5.12	1.75	5.63	19.67
Rose Mine.....		0.00	1.92	2.40	0.00	T.	0.82	0.00	1.11	0.19	T.	0.95	
Ruth.....	4.07		1.66	0.15	0.14	0.02	0.00	0.57	0.06	11.07			
Sacramento.....	1.80	2.00	1.19	0.30	0.06	0.00	T.	T.	T.	2.10	1.59	3.63	12.67
St. Helena.....	4.19	4.11	0.95	T.	0.12	T.	0.00	T.	T.	4.78	4.78	7.96	24.96
St. John.....	2.79	2.73	0.85	0.41	0.01	0.00	0.00	0.06	T.	3.59	1.04	4.95	16.48
Salinas.....	1.50	0.26	1.76	0.68	0.13	T.	0.01	0.00	0.05	0.79	1.66	2.60	9.34
San Antonio Canyon.....	1.03	0.12	10.54	4.24	0.00	0.00	0.00	0.00	0.01	0.87	1.79	3.70	22.90
San Antonio Intake.....	1.01	0.50	10.42	3.98	0.00	0.00	0.00	0.00	0.07	0.90	1.75	3.64	22.47
San Bernardino.....	0.85	0.20	4.51	2.49	T.	0.00	0.00	0.00	0.02	1.02	1.15	2.18	12.42
San Diego.....	0.26	T.	2.41	0.77	0.00	T.	0.00	T.	0.00	0.35	0.55	1.94	5.68
San Fernando.....	0.94	0.14	2.62	2.09	0.00	0.00	0.00	0.00	0.00	1.25	1.31	1.36	9.74
San Francisco.....	2.75	3.36	1.96	0.30	T.	0.00	0.00	0.01	T.	2.98	1.50	7.37	20.17
San Gabriel Intake.....	1.42	0.00	9.02	2.09	0.00	0.00	0.00	0.00	0.00	1.54	1.69	2.45	13.21
San Gabriel Powerhouse.....	0.83	0.07	5.87	3.14	0.00	0.00	0.00	0.00	0.03	1.40	2.14	1.74	15.22
San Jacinto.....	0.60	T.	3.46	1.93	0.00	0.00	0.00	0.00	0.00	0.10	0.62	2.06	8.77
San Jose.....	1.70	0.62	1.87	0.38	0.05	0.00	0.00	T.	T.	1.72	1.25	1.92	9.61
San Luis Obispo.....	1.46	0.44	4.05	0.33	T.	0.00	0.00	0.04	0.00	0.94	0.89	2.04	10.19
San Pedro.....	0.45	0.00	3.08	1.92	0.00	0.00	T.	0.00	T.	0.14	0.82	1.11	7.52
Santa Ana.....	0.88	0.08	4.59	2.13	0.00	0.00	0.00	0.00	0.02	0.35	1.02	1.38	10.50
Santa Ana River.....	0.58	0.06	8.46	3.89	0.00	0.00	0.00	0.00	T.	1.15	1.74	4.01	19.89
Santa Anita Ranger Station.....	1.52	0.11	8.68	2.32	0.00	0.00	0.00	0.00	0.00	1.80	3.05	2.86	20.34
Santa Barbara.....	1.63	0.06	3.56	0.62	0.00	T.	0.00	0.00	0.00	0.85	1.30	1.20	9.12
Santa Clara.....	1.94	0.73	1.62	0.45	0.02	0.00	0.00	0.00	T.	1.96	1.24	2.17	10.13
Santa Cruz.....	3.15	1.10	2.55	0.30	0.00	0.00	0.00	0.00	0.00	2.45	2.95	3.95	18.45
Santa Maria.....	0.64	0.46	3.01	1.00	0.01	0.00	0.00	0.03	0.04	0.76	0.78	1.85	8.58
Santa Rosa.....	4.50	5.53	0.83	0.43	0.33	0.01	0.01	0.01	0.01	4.34	2.35	7.33	25.73
Scott Bar.....					0.56	0.60	0.05	0.47	0.48	7.27	4.38		
Seriffers.....	2.55	5.05	2.06	0.65	0.06	0.00	0.00	T.	T.	4.50	2.38	8.04	25.20
Seven Oaks.....	0.64	T.	9.13	4.57	T.	0.00	1.34	0.00	0.32	1.04	1.04	4.89	22.97
Shield's Ranch.....	0.12	0.52	0.99	0.74	0.05	0.00	T.	T.	0.56	0.84	1.81	1.01	6.67
Sierra Madre (No. 1).....	1.52	T.	5.55	1.81	0.00	0.00	0.00	0.00	0.04	1.32	2.23	2.42	14.89
Sierra Madre (No. 2).....	1.66	0.00	5.34	1.38	0.00	0.00	0.00	0.00	0.00	1.27	2.13	2.04	13.82
Sierraville.....	0.90	0.45	1.46	0.65	0.00	0.00	0.00	0.00	0.61	3.75	1.61	2.73	12.16
Slisson.....	2.40	1.80	1.90	0.60	0.05	0.35	0.00	0.20	0.35	5.30	3.25	4.30	20.50
Sister Elsie Peak.....	1.26	0.15	4.49	1.71	0.03	0.00	0.00	0.00	0.00	0.99		2.50	7.56
Snow Creek.....	0.30	0.00	2.81	1.92	0.15	0.00	0.00	0.00	0.07	0.05	T.	2.10	7.88
Sonora.....	2.86	1.54	4.15	0.86	T.	0.00	0.00	0.00	0.00	4.51	2.49	5.88	22.29
South Lake.....													
Spockals.....	1.68	0.39	2.00	0.38	0.16	T.	0.00	0.00	0.00	0.91	1.47	2.30	9.20
Springville (near).....	1.31	1.01	5.99	2.71	0.40	0.00	0.00	0.00	0.00	3.60	6.05	9.73	31.40
Squirrel Inn.....	2.30	0.15	13.00	4.37	0.00	0.00	0.00	0.00	0.00	3.06	4.45	5.80	33.13
Stanley-Miller Mine.....	1.13	0.38	10.29	3.74	0.00	0.00	0.00	0.00	0.50	0.76		3.27	
Steele Swamp.....	0.20	1.11	0.59	0.78	0.01	0.38	0.01	0.33	0.55	1.10	1.68		8.09
Sterling.....	0.00	0.00	2.24	0.07	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.21
Stockton.....	1.79	1.22	0.81	0.30	0.04	0.00	0.00	T.	T.	1.50	2.55	2.90	11.11
Storey.....	1.12	0.70	1.87	0.41	0.00	0.00	0.00	0.00	0.00	0.60	0.63	1.99	7.43
Stratton Ranch.....	0.38	0.10	10.48	0.99	0.08	0.00							
Summit.....	3.60	2.40	4.90	1.20	0.00	0.00	0.00	0.00	0.30	3.77	0.98	6.90	23.95
Tahoe.....	1.54	1.06	2.66	1.03	0.10	0.00	0.00	0.00	0.45	2.63	2.15	3.55	15.20
Tamarack.....	3.31	3.97	5.53	2.88	0.30	0.00	0.02	0.12	1.03	7.21	4.12	4.04	32.53
Tejon Rancho.....	0.10	1.30	2.73	2.27	0.33	0.00	0.00	0.00	0.00	0.98	0.67	2.75	11.03
Three Rivers.....	0.91	0.86	3.27	0.85	T.	0.00	0.00	T.	0.00	2.56	2.57	5.01	16.16
Troms.....	T.	0.00	0.58	0.19	0.00	0.00	0.00	0.00	0.17	0.01	0.00	0.28	1.26
Tujunga.....					0.00	0.00	0.00	0.00	0.00	0.66	0.80	1.42	
Turlock.....	1.65	0.33	1.60	0.20	0.00	0.00	T.	0.00	0.00	1.20	1.02	2.79	8.79
Tustin (near).....	0.78	0.00	3.73	1.84	0.00	0.00	0.00	0.00	0.00	0.33	0.78	1.19	8.36
Twin Lakes.....	4.26	0.30	4.33	1.92	T.	0.02	0.02	0.01	1.13	4.02	2.26	6.85	25.16
Two Canyon Ranch.....			6.26	3.70	0.00					1.38	2.32	2.08	
Udiah.....	4.57	3.52	0.77	0.15	0.00	0.00	0.00	0.00	0.00	6.95	2.20	10.41	28.37
Upper Mattole.....	5.01	6.80	2.21	0.67	0.05	0.14	0.00	1.45	0.30	16.56	14.43	10.33	57.94
Vacaville.....	3.13	3.29	2.55	0.00	0.16	0.00	0.00	T.	0.00	2.88	2.77	5.24	20.97
Valyermo.....	0.01	2.24	2.43	1.77	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.43	8.66
Ventura.....	1.20	0.00	3.48	1.13	0.00	0.00	0.50	0.00	0.00	0.84	1.78	0.75	9.18
Visalia.....	0.54	0.39	2.06	0.58	0.02	0.00	0.00	T.	0.00	0.74	1.56	2.12	8.01
Visalia.....	0.30	T.	3.98	1.54	0.00	0.00	0.00	0.00	0.00	0.25	0.07	1.24	7.36
Walnut Creek.....	2.16	1.63	0.85	0.04	0.00	0.00	0.00	0.00	0.00	1.96	1.87	2.84	12.87
Warner Springs.....	0.67	0.00	4.02	1.06	0.00	0.00	0.33	0.00	0.00	0.34	0.19	2.35	8.69
Wasco.....	0.15	0.60	1.79	0.04	0.00	0.00	0.00	0.00	0.00	0.30	0.25	0.96	4.71
Watsonville.....	2.31	0.44	2.08	0.40	0.00	0.00	0.00	0.00	0.19	1.51	1.64	3.35	11.67
Weaverville.....	2.16	3.33	2.23	0.20	T.	0.35	0.00	1.30	0.60	7.73	6.63	4.43	29.19
West Branch.....	5.40	9.42	4.12	1.01	0.00	0.08	0.00	0.11	0.00	7.52	7.60	8.67	43.2

PRECIPITATION, 1924

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Colorado</i>													
Ames.....	0.66	1.37	4.81	1.48	2.02	0.05	3.04	1.50	1.54	1.53	1.49	2.92	22.41
Auldhamst.....	0.20	T.	0.73	0.54	0.46	0.02	0.11	0.04	0.47	0.50	0.06	0.80	3.73
Boulder.....	0.33	0.36	1.77	1.98	2.77	T.	0.38	0.47	2.06	1.47	0.16	1.33	13.08
Buena Vista (near).....	T.	T.	1.30			T.	T.	0.05	T.	0.04	0.05	1.08	
Burlington.....	0.05	1.01	1.31	1.32	1.26	0.17	1.30	2.83	2.94	0.90	0.05	1.56	14.50
Calhan.....	0.32	0.31	2.47	1.24	1.98	0.90	0.79	0.93	0.53	0.90	0.06	1.12	11.55
Canon City.....	0.46	T.	1.25	1.88	2.61	0.17	0.65	0.13	0.33	0.68	0.12	0.76	8.54
Cascade.....	0.09	0.83	6.65	1.56	0.10	0.00	0.60	0.10	0.80	1.00	0.71	7.39	20.43
Castle Rock.....	0.36	0.03	1.13	3.00	3.44	0.33		T.		0.66	0.10	0.80	
Cathedral.....	0.80	0.48	1.72	0.27	0.94	0.06	1.95	0.92	0.00	0.75	0.52		
Cedarledge.....	0.85	0.30	2.60	0.64	1.11	0.11	0.60	0.63		1.73	0.11	1.38	
Cheesman.....	0.12	T.	0.72	1.62	2.94	0.10	0.89	0.51	0.74	1.59	0.02	0.91	9.86
Cheyenne Wells.....	0.00	0.40	2.26	1.05	1.42	0.26	1.42	0.91	1.32	1.14	0.00	1.28	11.43
Collbran.....	0.80	0.42	2.94	1.55	2.35	0.09	0.95	0.92	2.46	2.94	1.09	2.28	13.79
Colorado Springs.....	0.08	0.02	1.09	1.04	2.55	1.33	0.30	1.66	0.11	0.43	0.00	0.50	9.11
Columbine.....	1.38	0.74	2.11	0.36	3.36	0.55	1.30	0.10	2.14	3.23	1.64	2.32	19.23
Columbine Ranch.....	0.58	T.	3.05	1.32	3.22	0.91	2.75	1.49	1.97	2.50	1.03	2.79	21.54
Cope (near).....		1.25	3.90		3.09	T.		T.	2.35	0.35		1.51	
Crested Butte.....	0.13	0.35	1.84		0.13	0.00	T.			1.05	0.58	1.03	
Cuchara Camps.....	0.72	0.87	4.95	3.29	1.15	0.16	0.71	0.19	0.28	0.42	0.36	2.47	15.57
Cumbres.....	1.02	1.66	11.20	2.77	0.39	0.02	1.70	0.44	1.42	1.52	2.82	3.77	28.73
Del Norte.....	0.23	0.19	1.40				0.64	0.23	0.16	0.72	1.22	0.82	
Delta.....	0.37	0.06	0.57	0.30	1.21	T.	0.57	0.55	0.73	1.10	0.18	1.46	7.10
Denver.....	0.52	0.27	1.29	1.60	2.62	0.46	0.33	0.02	1.44	0.96	0.14	1.42	11.07
Dillon.....	1.21	1.03	2.73	0.91	1.85	0.16	1.14	0.46	1.21	4.98	0.68	2.41	18.77
Dolores.....	0.37	0.64	2.25	2.25	0.20	0.00	0.30	0.30	0.80	1.53	0.71	3.82	15.26
Durango.....	0.52	0.39	2.19	1.31	0.09	0.40	1.88	1.45	0.81	0.89		2.75	13.25
Eds.....	T.		3.62	0.83	1.95	2.14	2.16	1.47	2.04	0.87	0.00		
Edgewater (near).....	0.54	0.28	1.20	1.55	2.63	0.12	0.31	0.04	1.30	0.92	0.06	1.37	10.32
Elk Creek.....	0.39	0.08	0.67	1.67	3.43	0.21	1.71	0.82	1.07	2.29	0.06	0.66	12.86
Estes Park Fish Hatchery.....	0.50	0.49	2.66	1.81	4.92	0.46	1.68	0.50	0.18	2.69	0.63	1.33	17.81
Flagler.....	0.20	0.60	2.00	0.57	2.55	0.24	1.66	4.94	2.82	0.46	0.05	1.90	17.99
Fort Collins.....	0.51	0.54	1.83	0.93	3.90	0.22	0.21	0.05	0.84	0.78	0.09	0.74	10.64
Fort Lewis.....	0.34	0.43	4.77	2.00	0.15	0.00	1.85	0.53	1.47	1.13	0.05	2.68	15.40
Fort Lupton.....	0.34	0.27	0.93	0.48	2.83	0.78	0.44	0.15	1.52	0.90	0.07	0.86	9.57
Fort Morgan.....	0.10	0.36	0.91	0.32	3.56	0.48	0.25	0.62	3.14	0.87	T.	0.17	10.78
Fraser.....	1.23	1.72	3.44	1.42	1.61	0.86	1.48	0.31	1.19	3.30	0.94	1.85	19.15
Fremont Experiment Station.....	0.28	0.29	1.95	3.32	2.62	0.38	1.69	1.60	0.74	1.17	0.13	0.63	15.10
Fruita (near).....	T.	T.	0.55	T.	1.80	T.	0.30	0.30	0.30	0.81	0.20	1.20	4.76
Garfield.....	0.70	0.93	3.88	1.81	1.97	0.51	1.63	0.49	0.46	2.17	0.68	2.04	17.25
Garnett.....	0.12	0.40	0.84	0.62	0.26	0.30	0.74	0.26	T.	0.63	0.50	0.22	4.89
Glenwood Springs.....	0.80	0.38	2.32	1.17	1.76	0.32	0.96	0.40	1.47	3.75			
Goodpasture.....	0.46	0.25	1.58	2.37	2.89	0.15	1.48	0.96	0.20	0.72	0.33	1.96	13.35
Grand Junction.....	0.35	0.09	0.94	0.87	1.69	0.01	0.57	1.12	0.97	1.21	0.40	1.54	9.76
Greeley.....	0.20	0.49	1.45	0.84	2.59	0.38	0.05	T.	1.88	1.04	0.00	0.50	9.72
Grover (near).....	0.10	1.00	0.95	0.63	0.75	0.20	0.81	T.	2.51	1.48	0.50	0.53	9.45
Gunnison.....	0.37	0.14	1.56	1.17	1.08	0.15	1.03	0.57	0.35	1.19	0.21	1.94	9.78
Hartsel.....	T.	0.08	0.53	0.46	1.12	0.06	0.65	0.02	0.06	0.40	0.05	0.12	3.55
Haswell.....	0.58	0.54	2.31	4.13	3.08	0.74	0.83	1.38	0.66	1.71	0.00	0.86	18.79
Hawthorne.....	T.	0.30	0.76	0.51	3.39	0.77	0.80	0.69	1.71	2.35	0.12	1.74	16.11
Haxton.....	0.33	0.46	2.23	0.39	1.80	T.	0.36	0.66	0.39	2.21	0.13	1.10	
Hayden.....	0.39	0.44	1.55	0.89	0.67	0.02	2.46	1.14	0.65	1.41	0.73	1.40	11.75
Hermit.....	T.	0.64	3.47	1.14	0.72	2.80	1.78	1.73	2.31	0.50	0.00	0.62	15.71
Holly.....			2.04										
Hoyt (near).....	0.11	0.19	1.55	1.03	1.68	0.09	0.62	0.92	0.19	0.42	0.20	2.46	9.79
Huerfano.....	0.39	0.24	0.64	1.24	1.62	0.30	1.67	0.34	0.98	2.64	0.17	0.59	10.82
Idaho Springs.....	0.29	0.34	0.64	1.24	1.62	0.30	1.67	0.34	0.98	2.64	0.17	0.59	10.82
Ignacio.....	0.26	0.30	1.92	1.34	0.17	0.06	2.07	1.21	0.48	1.28	0.46	2.57	12.07
Julesburg.....	0.28	0.44	1.24	0.59	2.99	2.70	0.94	0.48	3.55	1.85	0.36	1.62	16.44
Kassler.....	0.46	0.10	1.68	2.94	3.53	0.28	1.21	0.04	1.20	2.31	0.08	1.00	15.03
La Junta.....	0.25	0.16	1.57	1.50	1.57	0.44	0.80	0.65	0.19	0.55	0.06	1.54	9.28
Lake Moraine.....	0.25	0.40	1.98	3.07	2.49	0.38	1.01	0.87	1.14	2.19	0.35	0.63	15.75
Lamar.....	0.97	0.37	3.30	1.50	2.01	1.96	1.28	0.73	0.94	0.64	0.00	0.95	13.75
La Porte.....	0.68	0.77	2.80	1.18	1.50	0.10	0.20	0.63	2.18	1.04	0.05	1.07	12.20
Las Animas.....	0.04	0.19	1.26	1.25	2.26	0.28	0.44	0.39	0.14	0.89	0.00	0.52	7.46
La Veta Pass.....	0.10	0.49	2.97	2.46	0.76	0.09	2.10	1.50	0.98	0.45	0.64	2.29	14.73
Lay.....	0.66	0.73	2.99	0.90	1.61	T.	0.68	0.13	1.00	1.81	1.08	3.82	15.41
Leadville.....	1.39	1.38	2.84	1.25	2.02	0.49	2.93	0.77	0.57	3.26	0.55	1.46	18.93
Le Roy (near).....	0.13	0.65	1.78	1.55	3.17	1.12	0.98	0.02	3.56	1.14	0.06	1.46	15.62
Limon (near).....	0.06	0.35	2.40	0.86	4.09	1.45	1.69	0.54	1.20	0.95	T.	1.30	14.72
Long Branch.....	0.14	0.45	2.35	0.88	2.79	0.90	0.69	1.51	1.42	0.45	T.	0.85	12.44
Longmont.....	0.58	0.32	1.19	1.03	3.38	0.30	1.32	0.17	2.18	1.02	0.04	0.92	12.45
Longs Peak (near).....	0.39	1.08	5.25	2.12	6.09	0.43	1.66	0.28	0.85	2.33	0.45	1.51	23.39
Manassa.....	0.35	0.28	1.47	1.08	T.	T.	1.07	0.96	0.36	0.98	0.09	0.94	6.83
Meeker (near).....	0.45	0.16	2.06	0.62	1.88	0.12	0.67		4.20	1.35	2.37	1.60	9.96
Miss Verde Park.....	1.04	0.66	3.00	2.31	2.61	T.	1.53		0.80	0.83	0.41	3.36	15.37
Montrose.....	0.32	0.41	0.55	0.81	1.82	0.04	1.42	0.78	0.69	0.71	0.35	1.28	9.13
Monument.....	0.41	0.50	1.61	2.63	2.97	0.26	1.76	1.06	0.36	1.66	0.27	1.28	14.77
Morrison (near).....	0.93	0.22	1.17	1.15	2.96	0.05	1.60	0.26	1.16	2.10	0.14	0.90	12.94
Nest.....										2.32		0.88	3.26
North Lake.....	0.11	0.61	2.69	2.20	0.88	0.25	1.46	0.91	0.43	1.14	0.29	1.22	12.61
Norwood.....			2.62	1.41	1.41	0.00	2.03	0.80	1.06	1.46	0.87	2.22	
Ordway.....	0.25	T.	1.61	1.13	1.33	0.19	1.38	0.53	0.60	0.66	T.	0.96	8.06
Palisade Lake.....	0.61	0.80	6.83	1.96	0.49	0.06	2.88	1.20	1.41		1.33	4.39	
Palisades.....	0.17	0.08	0.85	0.68	1.66	0.00	0.82	1.29	1.36	1.65	0.77	0.85	10.66

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Colorado—Continued</i>													
Saguache	0.22	0.18		1.49	0.98			0.00		0.01	0.38	0.51	
Sapinero (near)	0.96	1.19	3.51	0.82	2.29	0.27	1.08	0.50	1.12	3.00	1.70	4.94	21.88
Savage Basin	1.17	2.41	7.16		1.38	T		2.73	0.71	4.71	3.45	8.48	
Sedgwick	T	0.40	1.51	0.42	3.00	1.44	0.66		4.42	1.72	0.05	1.63	
Shoshone	0.93	0.26	2.80	0.89	1.74	0.32	0.86	0.58	0.82	1.35	1.29	1.37	13.21
Silver Lake	0.50		7.59	2.00	2.30	0.50	2.75	0.80		1.80	0.40	0.80	
Silverton (near)	0.76	0.57	4.24	0.70	1.81	0.13	1.14	0.91	1.41	1.94	1.38	5.38	19.87
Stimpson (near)	0.83	1.06	2.29		3.64	0.79	3.00	0.82	2.20	0.97	T	1.09	
Spicer (near)	0.60	0.10	1.14	0.40	2.10	0.10	0.81	T	0.96	3.44	1.15	1.03	11.53
Springfield	0.30	0.70	2.10	0.60	2.20	0.00	0.65	1.28	0.25	0.80	0.00	1.16	10.03
Steamboat Springs	2.07	1.17	3.54	1.29	3.34	0.53	1.71	0.57	2.52	3.25	1.54	3.08	24.21
Sterling	0.06	0.50	1.00	0.63	3.02	0.68	0.69	0.69	4.24	0.46	T	2.46	13.03
Tacoma	0.79	0.90	3.22	0.68	0.40	0.00	2.11	0.71	0.93	1.03	0.37	2.77	13.51
Telluride	0.76	0.85	3.54	1.21	1.97	0.00	2.35	1.45	0.10	1.59	0.68	2.45	16.95
Terminal Dam	1.18	0.93	4.92	2.19	T	0.00	0.40	0.00	0.00	0.91	1.05	3.24	14.73
Trinidad	0.14	0.16	1.30	1.47	0.95	0.10	0.77	0.99	0.70	0.48	0.12	1.88	8.96
Trout Lake	0.62	1.61	4.42	1.49	1.41	0.38	2.82	1.97	2.03	2.57	1.85	4.52	26.69
Two Buttes								0.22	1.73	0.50	0.00	0.55	
Uteville	0.00	1.18	0.75	0.67	1.50	0.12	0.61	0.69	0.61	0.76	T	1.38	8.17
Victor (near)	0.04	0.14	0.99	0.75	1.52	0.11	1.59	0.31	0.56	1.11	0.55	0.31	7.98
Wagon Wheel Gap (Experiment Station)	0.52	0.89	2.25	1.06	0.62	0.14	1.45	0.99	0.86	1.30	0.80	1.54	12.42
Waterdale	0.46	0.47	1.61	1.05	4.48	0.24	1.23	0.29	1.15	1.22	0.10	1.06	13.37
Willard	0.15	0.90	1.54	0.26	3.15	0.32							
Wray					2.01	0.33		1.88	3.56	1.22			
Yuma	0.31	0.73	1.99	0.55	1.42	0.40	4.54	0.46			0.08	1.43	
<i>Connecticut</i>													
Bridgeport	4.19	3.54	1.29	6.88	6.40	2.25	1.37	5.36	3.90	0.30	2.21	2.53	40.22
Colchester	5.59	2.84	2.56	7.30	5.57	2.28	1.08	4.72	4.98	0.37	2.67	2.80	43.05
Cream Hill	3.45	2.12	2.02	6.84	5.33	2.28	1.73	3.36	7.88	0.96	3.07	1.82	40.86
East Hartland	4.10	2.64	0.96	8.28	4.86	1.43	1.48	4.10	6.22	0.09	3.78	2.01	39.95
Falls Village	2.09	1.72	0.97	5.29	4.14	2.18	2.47	4.26	8.89	0.87	3.13	1.30	37.29
Hartford	3.70	2.96	1.46	5.29	3.70	1.62	0.54	4.95	4.63	0.18	1.96	1.90	33.54
Lake Konomoc	4.32	3.40	1.13	6.62	6.14	1.95	0.69	5.44	3.71	0.75	2.67	3.42	40.24
New Haven	4.50	3.18	1.88	7.17	5.57	1.75	1.17	5.15	3.52	0.23	2.00	2.86	38.27
New London	4.73	2.99	1.35	6.02	5.78	2.48	0.44	5.89	3.18	0.20	2.67	2.04	37.77
North Grosvenor Dale	4.54	2.44	1.70	5.58	4.08	1.19	0.87	5.50	4.58	0.17	2.40	1.73	34.78
Norwalk	4.02	3.65	1.31	6.86	6.16	1.41	0.65	5.09	4.71	0.31	1.58	1.97	38.52
Storrs	4.47	2.54	1.28	7.32	4.18	1.87	1.09	5.20	4.06	0.15	2.21	1.88	36.25
Torrington	4.63	2.24	1.48	6.55	3.58	2.27	1.26	4.40	5.91	0.10		2.94	
Voluntown	5.01	2.80	1.66	5.65	5.00	1.92	1.53	5.66	4.63	0.39	2.45	2.99	39.00
Waterbury	5.13	2.37	1.80	6.58	5.00	2.44	2.24	5.48	3.59	0.30	3.28	1.90	40.51
<i>Delaware</i>													
Bridgeville									5.39	0.60	1.85	3.13	
Delaware City	2.95	4.13		4.94	4.43	7.90	3.93	3.14	5.59	T	1.95	2.48	
Dover	4.07	4.05	4.98	4.80	6.09	3.66	3.78	4.63	5.24	0.19	1.92	2.78	46.10
Millford	3.93	4.34	6.56	7.05	5.90	4.29	2.93	4.78	7.20	0.79	2.34	3.38	62.47
Millsboro	4.37	2.72	5.41	6.58	4.85	6.21	2.60	6.60	4.91	0.71	2.79	2.35	50.10
Seaford	3.35	3.02	5.57	4.32	5.10	4.40	4.40	4.57					
Wilmington	4.93	4.33	4.16	5.71	6.08	8.35	4.57	3.79	5.77	0.05	2.05	2.91	52.70
<i>District of Columbia</i>													
Washington, U. S. Weather Bureau	3.21	3.05	6.17	5.39	6.73	3.80	2.76	5.07	7.86	0.44	1.47	2.98	48.05
<i>Florida</i>													
Allapattah	3.55	2.26	0.50	1.90	12.85	7.87	9.66	3.97	6.78	27.22	4.35	0.44	38.25
Apalachicola	4.62	5.27	8.78	2.72	1.80	4.44	7.17	4.66	27.73	1.82	1.02	5.25	75.18
Arcadia	3.15	0.90	0.35	2.65	1.32	9.41	11.22	7.06	7.37	9.73	0.45	1.14	65.63
Avon Park	3.63	3.48	4.18	1.32	1.71	7.47	12.17	7.94	3.40	6.52	0.17	0.11	53.00
Bartow	3.71	5.76	6.45	3.32	2.96	12.74	16.91	4.24	3.25	10.22	0.13	0.34	71.08
Belle Glade						4.83	6.59	3.72	5.49	15.84	0.62	0.22	
Blountstown	5.56	5.12	2.06	3.83	3.25	7.62	5.99	2.21	13.94	0.36	0.00	7.20	56.95
Bluff Springs	8.44	3.92	1.12	3.54	5.95	11.67	6.54	2.45	3.06	0.25	0.16	7.26	64.38
Bonifay	6.31	4.51	4.40	5.78	3.43	10.30	10.50	2.14	6.25	1.33	0.85	7.95	62.95
Bradentown	3.99	5.44	4.59	2.25	0.36	3.69	5.78	0.80	6.13	7.22	0.50	0.80	62.71
Brooksville	3.69	4.58	10.58	2.52	2.29	7.43	16.99	7.80	5.78	2.43	0.22	1.10	55.10
Carrabelle	4.55	4.28	9.18	2.40	1.10	4.15	15.41	6.58	26.45	2.52	0.77	5.33	63.70
Cedar Keys	4.87	3.14	12.47	2.25	1.62	2.59	10.75	5.59	6.48	0.55	0.00	1.82	53.14
Chapman Field Garden	2.83	2.19	0.58	4.89	3.40	3.29	9.60	5.68	6.16	18.88	0.64	0.29	62.99
Clermont	1.71	3.45	0.34	2.40	4.71	8.17	7.65	2.74	5.10	0.73	0.24	0.98	53.07
Cottage Hill	8.79	1.97	1.64	4.55	4.48	18.69	7.71	1.62	3.22	0.42	0.41	7.60	55.10
Crescent City	2.25	3.15	10.22	2.31	2.78	8.60	8.29	3.15	4.88	17.12	0.29	0.29	63.60
Davenport	3.08	4.58	7.64	2.30	3.04	6.84	7.65	2.64	6.68	13.74	0.65	0.35	58.29
Davie	4.44	2.67	0.84	4.16	3.68	8.91	6.63	2.30	10.92	27.07	0.61	1.40	74.43
Daytona Beach	2.35	3.49	7.94	1.72	3.05	4.22	7.04	3.01	12.79	24.53	1.61	2.38	74.71
De Funiak Springs		8.85	4.35	0.05	5.75	7.11	10.89	3.93		0.50	0.54	6.76	
De Land	2.29	3.86	5.66	2.09	2.95	11.09	18.08	4.98	4.66	22.40	0.59	0.70	64.05
Eustis	2.77	3.89	6.96	4.99	3.21	7.04	14.49	8.56	3.39	4.64	0.36	0.70	53.61
Everglade		0.60	0.41	0.74	3.73	7.14							
Federal Point	3.43	2.80	11.01	2.15	2.99	6.58	9.57	8.21	7.01	13.71	0.23	0.67	64.19
Fellsmere	3.53	2.67	8.78	2.27	1.11	6.28	10.54	4.28	4.35	18.47	0.50	3.49	63.23
Fernandina	4.02	2.78	10.06	2.23	1.31	4.51	5.40	2.17	11.47	7.30	T	1.79	54.00
Fort Lauderdale	7.61	2.18	0.94	1.89	5.23	3.16	7.88	3.10	10.65	32.10	0.62	1.21	60.74
Fort Myers	4.25	2.99	2.54	0.61	6.90	4.57	12.52	4.32	6.96	19.70	0.42	1.01	61.81
Fort Pierce	5.16	1.47	3.63	2.23	4.49	6.60	7.38	1.41	7.19	10.81	0.28	1.28	56.84
Gainesville	5.53	3.05	9.97	1.15	6.94	5.66	14.45	3.30	6.80	6.58	0.28	1.18	61.95
Garniers (near)	4.67	3.94	3.26	3.13	3.29	5.49	9.29	6.33	4.80	0.36	0.22		
Glen St. Mary	5.16	4.02	12.21	2.46	1.69	5.47	10.21	4.19	7.16	4.79	1.34	2.08	60.49
Hastings						3.05	7.02	6.49	8.24	13.60	0.28	0.29	
Hilliard	1.63	1.87	9.72	4.11	1.24	6.00	11.57	3.51	7.43	4.28	1.25	2.39	58.98
Homestead	3.70	3.01	0.09	6.16	4.60	2.67	8.34	8.38	6.51	5.79			

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Florida—Continued</i>													
Hypoluxo		2.38	1.55	6.45	6.19	4.03	5.94	2.22	7.97	22.31	0.69	1.56	
Inverness	3.34	4.26	11.06	1.28	2.97	8.63	14.92	6.46	4.56	4.93	0.70	0.93	64.04
Isleworth	2.60	4.46	7.20	3.25	4.00	9.06	9.47	4.77	8.65	8.00	0.20	0.54	62.20
Jacksonville (Weather Bureau)	5.09	2.65	7.18	3.00	0.49	4.21	12.17	3.55	8.88	8.06	0.38	1.15	66.83
Jacksonville (No. 2)	6.27	3.10	8.07								0.80	1.40	
Johnstown	4.24	2.97	10.33		0.97	7.10	8.96		8.32		0.85		
Jupiter	5.80	1.37	0.97	4.67	1.31	3.29	8.60	1.85	7.32	32.92	0.47	1.65	70.22
Key West	3.23	0.47	0.98	0.19	2.12	3.18	2.02	3.85	6.10	12.55	0.07	0.56	34.32
Kissimmee	3.37	3.26	6.25	2.27	2.60	3.00	12.23	3.47	5.86	9.22	T		
Lake City	6.10	3.21	10.02	3.02	2.19	7.33		2.56	9.40	2.38	1.20	2.62	
Lake Alfred							11.72	6.58	4.26	6.53	0.06	0.22	
Lakeland	4.22	3.07	6.57	2.64	8.15	4.10	10.67	6.72	6.57	3.81	0.00	0.10	56.52
Lake Wales	3.82	4.12	6.45	2.38	2.16	14.59	9.26	5.48	4.42	4.88	0.30	0.38	58.24
Lawtey	7.16	2.45	7.89	2.43	0.77	6.69							
Live Oak			10.93	4.29	0.49	5.78	6.01	4.09					
Look No. 4	6.33	2.05	0.92	3.81	6.08	6.93	8.65	2.27	12.70	28.46	0.56	0.83	79.69
Long Key	1.98	1.57	0.46	0.71	0.97	1.15	6.46	4.36	7.09	19.14	0.42	0.67	44.05
Lymne (near)	3.09	3.86	10.68	6.49	0.33	7.62	10.18	4.73	3.14	8.32	0.80	0.95	60.54
McDonald	2.22	3.28	8.37	5.18	2.87	10.25	13.04	3.21	3.98	8.00	0.66	1.23	62.27
Madison	5.56	3.75	5.69	3.67	2.56	6.18	8.97	2.50	15.06	1.93	0.44	5.49	61.80
Malabar	3.71	2.67	5.85	2.82	0.90	3.21	11.23	5.75	7.94	18.33	0.61	2.63	65.55
Marianna	6.26	3.28	4.57	5.02	3.12	5.28	9.79	2.50	10.70	1.90	0.27	8.23	60.93
Melrose	4.67	2.89	13.70	2.25	0.04	5.89	8.66	5.04	5.04	8.93	0.46	0.71	57.98
Merritts Island	5.53	3.51	7.41	0.55	3.28	2.79	10.22	5.16	10.17	17.96	0.17	3.78	70.56
Miami (Weather Bureau)	2.80	1.69	0.46	3.40	7.45	4.22	8.31	3.40	7.41	25.02	1.06	0.32	65.54
Miami (No. 2)	3.78	1.40	0.87	4.84	5.51	2.97	8.84	2.43	5.19	28.02	0.79	0.66	68.20
Middleburg	4.96	2.67	8.97	2.67	0.92	8.53	11.11	2.51	6.09	6.56	0.95	1.59	57.53
Monticello	5.87	4.06	3.99	4.32	3.86	9.07	6.02	7.17	20.22	2.60	0.64	7.07	74.81
Moore Haven	3.05	1.75	3.38	3.55	1.21	8.86	11.77	4.76	8.41	13.39	0.30	0.09	60.52
Mount Pleasant	6.12	4.07	1.59	3.73	7.26	5.07	7.97	3.07	18.86	1.35	0.15	7.82	67.07
New Smyrna	3.05	3.59	6.91	2.33	1.00	7.77	6.81	4.66	8.81	39.08	0.44	1.79	81.54
Ocala	3.17	4.47	9.38	7.55	1.57	7.77	9.11	5.48	7.53	3.16	0.50	0.15	59.84
Okechobee				1.10	2.75	3.35	7.01	4.63	4.72	15.50	0.38	0.11	
Oriando	3.08	5.31	7.36	4.02	2.56	8.99	13.37	3.96	6.14	9.58	0.15	1.71	66.23
Palatka	3.55			1.05	5.34	10.01	4.16	4.00	13.80	0.37	0.30		
Pensacola	7.82	3.24	2.67	4.26	2.14	7.11	8.40	1.92	4.90	0.49	0.17	5.69	49.11
Pinellas Park	2.08	5.23	3.93	2.96	2.80	4.88	11.69	3.89	8.19	3.07	0.53	0.63	49.78
Plant City			7.81	0.95	6.88	9.87	11.19	6.50	7.12	8.05	0.10	0.63	
Punta Gorda	4.32	4.88	3.77	1.60	1.76	3.36	15.10	5.34	7.28	13.70	0.12	0.57	61.79
Quincy	6.35	4.21	1.91	4.08	5.71	5.52	9.41	2.07	19.23	1.28	0.26	7.82	67.85
Ritta	4.27	2.10	1.85	2.50	2.88	3.51	8.02	1.61	5.66	16.67	7.21	0.22	45.30
St. Andrew	5.19	2.88	2.43	2.78	2.22	3.37	6.73	6.46	16.90	1.90	0.80	12.77	64.13
St. Augustine	3.30	3.02	0.92	3.33	1.45	3.23	6.75	4.06	9.37	10.45	0.80	1.02	56.16
St. Cloud	4.22	4.49	6.34	2.02	3.81	6.60	14.98	3.05	5.07	10.94	0.28	1.66	63.46
St. Leo	1.95	4.04	11.11	2.51	3.36	7.20	9.92	4.17	6.59	10.38	0.29	0.98	62.23
St. Petersburg	2.55	5.14	4.16	4.87	4.03	3.45	10.57	4.57	7.45	4.50	0.32	0.41	52.03
Sand Key	3.02	0.88	0.77	0.01	2.27	1.14	1.12	1.32	0.97		0.46	0.08	
Sanford	2.61	3.75	6.74	3.75	1.63	7.24	12.92	2.85	3.12	15.01	1.03	1.60	62.25
Switzerland	3.87	2.67	7.47	5.20	0.22	9.08	11.31						
Tallahassee	5.88	3.17	2.81	4.42	1.73	9.07	7.96	6.64	23.85	2.65	0.58	6.38	75.50
Tampa	1.72	3.35	7.24	1.56	5.51	8.36	10.62	3.47	7.76	5.25	0.24	0.42	55.40
Tarpon Springs	2.37	4.01	6.74	2.09	3.05	3.00	7.77		8.92	2.59	0.13	1.72	
Temple Terrace	2.45	3.75	8.49	2.31	3.26	10.31	12.29	5.03	8.35	7.57	0.50	0.77	65.08
Titusville	4.38	3.22	7.32	2.09	0.60	3.46	10.18	5.46	11.60	18.35	0.08	2.90	70.24
Vernon				6.87	5.88	6.06	12.30	4.99	8.19	1.16	0.62	5.97	
Vero	2.38	1.89	6.71	2.33	4.18	4.56	8.43	6.11	8.15	23.01	0.38	2.18	71.26
<i>Georgia</i>													
Abbeville	5.43	5.67	4.29	4.19	3.44	3.67	9.24	2.92	12.49	1.52	0.96	4.89	58.71
Adairsville	4.51												
Alapaha	5.42	4.58	2.28	5.98	4.13	5.66	4.04	1.78	17.60	1.64	0.31	7.56	61.66
Albany	5.37	5.40	3.34	5.10	3.25	5.03	10.10	2.43	12.11	1.40	0.45	5.37	59.38
Americus	6.55	4.43	3.52	5.27	4.36	2.85	7.69	3.63	6.75	1.07	0.37	5.77	62.16
Athens	5.50	2.62	2.35	6.88	3.64	2.51	3.65	2.20	10.16	0.90	0.85	5.95	47.22
Atlanta	4.54	2.97	1.86	7.78	3.60	3.14	4.82	3.87	6.01	0.90	0.64	6.39	46.50
Augusta	4.26	2.86	2.69	3.93	2.73	5.56	5.57	2.86	8.22	1.91	1.16	7.11	49.06
Bainbridge	5.38	4.55	3.91	6.08	3.21	5.35	6.44	2.95	11.83	1.39	0.16	7.62	58.87
Blakely	6.14	4.11	2.03	5.93	4.64	6.53	8.25	1.34	6.16	1.74	0.36	7.22	55.46
Blues Ridge	5.64	4.74	5.46	8.60	4.92	2.94	3.60	1.47	4.41	0.96	0.70	8.67	62.41
Brunswick	4.15	1.89	6.78	6.11	2.37	6.92	3.16	2.13	18.98	3.23	0.65	2.10	57.90
Butler	5.92	4.53	2.87	5.15	2.50	5.37	11.70	2.28	10.31	1.18	0.72	7.33	60.36
Canton	4.45	3.91	2.59	4.23	4.00	4.04	5.94	1.49	4.45	1.33	0.02	4.55	44.06
Carleton	5.42	3.76	2.75	6.37	3.30	2.97	3.52	0.58	13.37	1.06	1.07	6.02	50.17
Clayton	11.65	7.35	4.70	10.49	6.09	2.15	8.29	1.98	12.93	1.20	0.60	10.65	77.95
Claxton	7.01	3.77	2.97	5.16	3.23	5.88	5.86	1.44	5.36	1.35	0.49	8.53	50.55
Cornell	5.98	8.22	2.36	8.47	3.21	5.98	5.54	1.68	9.14	0.93	0.60	6.63	58.89
Cornelia	6.03	4.72	2.55	7.55	4.96	1.91	5.78	2.42	7.81	0.88	0.35	7.22	51.28
Covington	4.33	4.62	2.60	7.59	4.00	4.06	3.68	0.85	9.92	1.00	1.02	7.50	51.87
Dahlonega	6.64	5.50	2.06	5.83	6.51	1.60	3.57	5.30	7.58	0.97	0.51	6.11	63.09
Dublin	5.02	2.34	3.96	3.85	3.23	4.73	2.60	2.08	13.65	1.01	1.97	6.62	52.36
Eastman	5.51	3.35	4.89	4.87	3.19	3.88	5.29	0.60	12.08	1.60	0.60	3.80	51.54
Katonah	5.68	2.84	2.01	6.90	3.45	4.36	3.37	1.14	15.94	0.67	1.65	8.35	55.27
Fair View	8.16	3.30	2.83	6.10	3.90	3.32	5.62	0.81	10.95	0.70	0.86	6.70	50.27
Fart Gaines	7.10	2.16	2.47	6.44	5.08	4.78	6.42	2.28	8.99	1.38	T	9.75	54.35
Fart Valley	3.65	5.18	3.37	4.73	3.94	4.98	6.12	1.39	11.23	0.81	0.75	6.83	54.73
Gainesville	5.74	4.89	2.29	7.38	4.92	1.45	2.95	2.30	9.56	1.15	0.85	4.79	50.80
Glenaville	5.44	4.80	2.08	8.66									

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Georgia—Continued</i>													
Louisville.....	3.69			3.76	2.29	3.25	4.60						
Lumber City.....	4.40	4.00	4.60	4.30	3.40	5.10	5.56	2.66	10.00	2.20	0.70	6.70	54.22
Macon.....	5.17	4.83	2.59	5.40	2.62	4.48	2.08	3.00	12.80	0.75	1.20	8.18	52.60
Marietta.....	5.22	3.80	2.07	7.44	7.72	1.89	1.94	3.91	4.89	1.28	0.44	7.12	47.72
Marshallville.....	6.11	6.19	3.98	4.98	3.76	7.28	8.09	3.30	0.83	0.97	1.23	7.71	63.43
Milledgeville.....	4.98	3.44	1.99	4.38	2.51	4.53	8.23	2.23	18.63	0.87	0.43	7.65	50.87
Millen.....	3.20	2.40	2.25	4.25	3.10	6.40	7.90	1.90	18.80	2.80	1.30	4.20	54.20
Montezuma.....	6.16	4.74	2.82	4.64	4.27	4.86	8.81	1.91	7.85	0.75	0.64	6.57	48.71
Monticello.....	5.45	3.17	3.39	5.72	5.33	6.90	5.02	2.41	11.56	0.70	1.22	7.18	68.05
Newnan.....	3.48	3.56	2.16	7.35	2.95	3.45	3.99	4.06	6.36	0.96	0.50	4.31	41.86
Norcross.....	5.66	4.25	1.85	9.28	6.14	3.10	2.09	3.73	0.96	1.02	0.76	5.78	50.62
Point Peter.....	6.75	3.83	3.96										
Quitman.....	6.31	4.06	3.61	4.84	3.96	8.23	5.65	5.26	22.07	2.76	0.24	6.20	74.69
Rosasa.....	6.45	5.44	4.64	10.44	5.50	2.15	7.77	2.07	2.61	0.68	0.48	7.82	56.05
Rome.....	5.98	4.48	4.32	7.02	6.14	4.38	2.73	2.43	3.92	0.52	0.36	6.72	48.00
St. George.....	4.89	3.90	9.30	2.47	1.55	9.03	10.86	4.61	7.33	4.45	1.09	2.50	61.98
Savannah.....	2.78	1.92	4.54	3.87	1.49	3.86	8.09	2.63	22.88	1.74	0.48	3.44	57.72
Statesboro.....	3.23	2.22	4.17	4.29	2.56	5.49	6.39	0.64	14.23	1.73	0.83	6.03	51.81
Talbotton.....	5.75	4.62	3.39	5.45	2.46	4.99	6.80	3.92	10.20	0.90	0.55	7.50	56.53
Tallapoosa.....	7.29	3.45	2.91	7.13	3.78	5.84	1.11	5.52	4.09	0.29	0.26	6.14	47.81
Thomasville.....	6.50	4.31	2.15	5.06	2.14	7.19	4.51	2.88	18.33	2.05	0.32	6.64	62.68
Tifton.....	5.77	4.43	4.82	5.41	1.82	6.50	5.43	3.21	12.01	1.01	0.26	6.63	57.00
Tooeva.....	5.94	5.45	2.91	7.81	3.55	2.22	6.01	2.62	10.45	1.65	0.69	5.25	58.96
Valdosta.....	3.50	3.48	3.84	7.35	3.26	5.70	12.99	1.95	18.45	4.26	0.08	6.33	73.89
Warrenton.....	4.59	3.32	3.05	7.59	3.40	4.23	2.82	2.95	12.18	1.00	1.03	6.51	62.77
Washington.....	5.50	3.01	3.13	6.34	5.78	2.66	7.07	2.67	13.84	0.95	1.93	6.08	58.44
Waycross.....	2.45	2.90	4.86	5.44	2.30	5.42	5.56	2.05	13.28	1.34	0.54	4.94	53.06
West Point.....	5.83	3.35	3.21	6.28	2.71	3.22	4.35	4.84	6.59	1.65	0.47	7.42	48.90
Woodbury.....	5.88	3.28	2.10	7.58	3.02	8.02	6.74	1.66	8.94	0.75	0.58	5.76	54.20
Youngsane.....					5.57	9.09	2.87	1.75	4.81	0.70	0.74		
<i>Idaho</i>													
Aberdeen.....	0.10	0.30	0.33	0.42	0.43	0.20	0.55	0.02	0.34	1.73	0.25	0.88	5.69
Alpha.....	0.78	2.72	0.68	0.88	0.13	1.13	0.30	0.66	0.47	3.35	4.77	2.23	18.10
American Falls.....	T.	0.29	0.55	0.68	0.30	0.13	1.13	T.	0.05	1.55	0.20	1.30	6.18
Aroo.....	0.10	0.82	0.91	0.11	0.12	0.14	0.56	0.00					
Argora.....	0.08	0.25	0.51	T.	0.24	0.41	1.12	0.22	1.16	1.47	0.07	0.97	6.80
Arrowrock.....	0.70	1.34	0.50	0.40	T.	0.14	0.08	T.	0.14	2.37	1.56	3.43	10.61
Ashton.....	0.92	0.99	0.27	0.18	0.20	0.40	1.39	0.07	1.39	2.86	0.69	2.19	11.56
Atlanta.....					0.05	0.25	0.18	0.64	0.62	6.34	3.11	4.03	
Avery.....		2.47	1.24	1.45	0.22	1.20	1.24	0.71	1.53	5.55		3.28	
Big Smoky Ranger Station.....													
Blackfoot.....	0.40	0.70	0.85	0.22	0.61	0.22	0.78	0.04	0.57	1.38	0.19	1.11	7.05
Bliss.....	0.27	1.34	0.19	0.03	0.03	0.09	0.01	0.00	0.06	1.89	0.65	1.23	5.54
Bogus Creek.....	0.92	2.94	1.17	0.85	T.	0.53	T.	0.13	0.74	3.81	3.03	2.96	17.68
Boise.....	0.40	1.13	0.30	0.54	0.05	0.51	T.	0.12	0.24	1.50	0.85	3.02	8.66
Bozetter Ranger Station.....						0.76	0.72	0.37	0.30	2.29			
Boulder Mine.....				0.83	0.08	0.62	0.02	0.27	0.66	4.01			
Brownlee.....						0.55	0.21	1.00					
Buhl.....	0.35	1.01	0.23	0.13	0.06	0.11	0.02	T.	T.	2.11	0.34	1.58	5.94
Bungalow Ranger Station.....					0.79	1.40	1.47	0.76					
Burley.....	0.27	0.72	0.56	0.10	0.91	0.26	0.01	0.18	0.21	1.70	0.55	1.69	7.16
Caldwell.....	0.56	1.01	0.46	0.47	0.01	0.43	0.01	0.09	0.28	0.91	0.68	3.02	7.73
Cambridge.....	1.25	2.13	0.88	0.14				0.78					
Challis.....	0.04	0.24	0.14	0.10	0.07	0.17	0.41	0.06	0.39	0.88	0.24	0.48	3.19
Chastain's Flat.....	0.16	0.94	0.04	0.11	0.03	0.12	0.10	0.03	0.11	0.32	0.32	2.39	5.68
Coeur d'Alene.....	3.21	2.12	1.06	0.38	0.41	0.62	0.90	1.29	1.48	2.82	4.37	2.54	21.04
Cottonwood Creek.....	1.71	2.38	1.13					0.00	0.76				
Council.....	1.31	4.13	0.51	0.61	0.10	0.65	0.15	0.72	0.18	8.01	8.36	2.24	16.97
Cuprum.....	1.49	2.35	0.60	0.17	0.22	0.75	0.28	1.53	T.	3.95	7.68	2.48	21.39
Deer Flat.....	0.20	0.02	0.04	0.35	0.02	0.55	T.	0.25		0.80			
Driggs.....	0.02	0.29	1.02			0.33							
Dubois.....										1.48			
Elk City.....	2.46			1.60	1.42	1.83	1.41	0.99	0.91	2.16			
Emmett.....	0.74	1.13	0.32	0.45	0.00	0.41	0.01	0.68	0.15	1.33	0.79	3.19	8.23
Felt.....	1.09	0.43	0.55	0.48	0.29	0.54	0.56	0.01	0.39	2.78	0.08	1.73	8.93
Fish Lake.....							1.44	2.07					
Fort Hall.....	0.44	0.42	0.84	0.09	0.40	0.45	0.58	0.13	0.58	1.14	0.16	0.54	5.77
Garden Valley.....									0.41	0.25	2.51	2.61	2.08
Geneva.....	0.09	0.65	0.24	0.00	0.10	T.	0.25	0.00	0.39	0.65	0.37	0.99	6.40
Glenns Ferry.....	0.30	1.01	0.17	0.34	0.23	0.04	0.31	0.00	0.14	0.40	0.74	2.06	8.11
Gooding.....	0.30	0.01	0.17	0.34	0.23	0.04	0.31	0.00	0.33	2.12	0.94	2.51	8.80
Grace.....	0.76	0.61	1.98	1.07	0.32	0.51	0.95	0.15	0.49	1.43	6.55	1.75	16.67
Grangeville.....	1.59	2.36	1.87	0.98	1.00	1.64	1.28	1.84	1.07	2.14	4.78	2.10	22.09
Grimes Pass.....	1.20	2.60	1.00	0.89	0.27	0.39	0.67	0.37	0.54	2.93	3.34	3.56	18.16
Halley.....	0.03	0.91	0.95	0.22	0.05	0.20	0.05	T.	1.04	2.60	1.66	1.80	8.90
Hawley Gulch.....						0.74	1.37	0.10	1.49				
Hazelton.....	0.41	1.12	0.57	0.05	0.78	0.41	T.	0.11	0.11	1.62	0.24	2.48	7.94
Hill City.....	0.29	1.06	0.41	0.11	0.66	T.	T.	0.09	0.29	2.40	1.17	2.79	8.58
Hollister.....	0.68	1.12	0.31	0.04	0.16	0.18	0.62	0.68	0.04	1.37	0.58	1.89	7.00
Idaho City.....	1.04	2.04	0.38	0.76	0.09	0.16	0.61	0.05	0.29	3.50	2.55	3.56	14.53
Idaho Falls.....	6.05	0.56	0.31	0.08	0.34	0.60	0.55	T.	0.44	0.47	0.96	1.65	6.94
Irwin.....	0.78	0.77	0.73	0.81	0.51	0.59	0.61	T.	0.41	1.17	0.31	1.54	11.74
Jarvis.....	0.32	1.17	0.11	0.08	0.15	0.20	T.	0.00	0.02	1.87	0.42	2.09	9.38
Juniper Buttes.....	0.10	1.55		0.45	0.29	0.26	1.12	0.30					
Kamiah.....	2.08	2.66	0.78	0.82	0.33	1.46	0.93	0.91	0.85	0.80	4.64	1.96	18.23
Kellogg.....	3.08	3.25	1.44	1.37	0.14	1.14	0.78	0.89	1.51	3.24	5.18	4.12	25.05
Kirkham.....	1.58	1.96	0.90	0.80	0.05	0.10	0.60	0.15	1.06	3.85	4.40	3.19	18.34
Kooskia.....	2.01	2.86	1.57	0.95	0.67	1.42	0.60	1.24	0.88	0.61	4.61	2.80	20.42
Lapwai.....	1.75	2.74	0.99	0.61	0.13	1.11	0.98	1.06	0.74	1.44	3.80	1.81	18.

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Iahe—Continued</i>													
Loon Creek				0.55	0.10								
McCall	2.62	3.04	0.82	0.77	0.02	1.21	0.10	1.14	0.74	3.14	3.49	2.98	20.07
Mackay	0.06	0.25	0.46	0.00	0.00	0.18	0.25	0.00	0.53	0.80	0.50	0.55	3.58
Malad	0.32	0.71	1.78	0.96	0.27	0.94	0.67	0.00	0.47	1.00	0.18	2.56	9.85
Meridian	0.49	1.18	0.19	0.51	0.01	0.38	T.	0.02	0.07	1.07	0.77	3.42	8.11
Montevideo	0.18	0.50	0.45	0.11	0.17	0.10	1.14	T.	0.61	0.78	0.19	0.72	4.95
Montpelier													
Moscow	2.34	2.63	0.96	0.37	0.05	1.01	0.68	0.46	0.65	1.24	4.28	2.40	17.15
Mountsinnhome	0.29	1.36	0.07	0.11	0.06	0.39	0.05	0.07	T.	1.74	0.61	2.66	7.31
Mud Lake		0.35							0.80	0.95			
Murphy		0.94	0.26	0.12	0.40	T.					0.12		
Musselshell	3.73	3.75	2.61	2.16	0.58	2.10	1.10	1.88	1.59		8.10		
New Meadows	1.53	1.52	0.21	0.77	0.03	0.62	0.31	1.01	0.36	2.73	1.89	1.82	12.70
Nezperce	1.41	2.25	0.81	1.10	0.24	1.75	1.19	1.05	0.77	0.85	4.00	0.97	16.39
Oakley	0.05	0.91	1.09	0.02	0.92	0.37	0.54	0.16	0.22	1.53	0.35	1.14	7.30
Obsidian	0.47	1.22	0.74	0.53	0.06	0.36	0.81	0.14	0.80	3.05	1.70	1.16	11.03
Orofino	1.28	0.99	0.47	0.72	T.	1.46	1.32	2.48	0.91	2.02	4.94	1.23	17.82
Parma	0.44	0.81	0.37	0.45	0.00	0.27	0.96	0.57	0.03	0.65	0.69	2.59	6.73
Payette	1.12			0.20	0.00	0.35	0.17	0.60	0.06	1.24	1.11		
Peace Valley						1.16	0.62	0.90	0.79				
Pete King Ranger Station	2.95	4.64	1.99	2.81	0.80	2.10	0.85	1.05	1.41	3.11	7.37	4.40	33.48
Pine	0.68	1.70	0.80	0.18	0.06	0.05	0.00	T.	0.24	3.52	1.62	3.77	12.42
Pleasant Valley	0.26	1.10	0.31	0.65	0.02	0.40	0.01	0.10	0.07	1.40	0.62	2.54	7.48
Pocastello	0.45	0.24	1.38	0.61	0.31	0.36	1.67	0.03	0.82	1.84	0.53	1.35	9.59
Porthill	1.64	1.75	0.64	0.08	0.28	1.63	0.26	2.61	0.67	2.18	4.43	1.73	17.90
Potlatch	1.88	2.68	1.04	0.36	0.06	0.78	0.71	0.44	0.70	1.56	4.10	2.58	16.89
Preston	0.65	0.91	3.60	0.20		0.06	0.55						
Prichard	3.47	5.11	1.71			1.38	1.31	0.77	1.27	2.75	5.11	4.61	32.23
Priest River Experiment Station	4.08	3.55	0.99	0.30	0.82	1.50	0.33	1.41	1.19	2.96	4.32	2.78	24.23
Pyle Creek	1.20	2.43	0.67	0.32	T.	0.33	0.36	0.25	0.20	3.25	3.35	2.93	15.30
Rice	0.76			1.05	0.26	0.41	1.33	0.19	1.25	3.02	0.48	1.52	
Richfield	0.02	0.73	0.34	0.43	T.		0.00	0.00	0.04				
Rupert	0.27	0.56	0.61	0.06	1.22	0.09	0.17	0.18	0.24	1.81	0.39	1.84	7.44
St. Maries	3.04	2.83	1.32	0.43	0.05	0.74	1.07	0.67	1.60	2.03	5.58	3.48	22.94
St. Michael's Monastery	3.96	2.11	1.04	0.93	0.72	1.98	0.95	1.20	0.88	1.67	4.90	2.11	22.45
Salmon	0.40	0.10		0.18	0.00	0.53	0.74	0.38	0.10		0.35	1.37	
Sandpoint	3.70	4.56	1.20	0.23	0.63	1.29	0.85	1.74	1.64	3.49	4.85	3.32	27.00
Sheep Hill	0.99	1.92	0.43	0.51	0.14	0.18	T.	0.09	0.15	3.64	2.36	3.90	14.31
Shoshone	0.28	0.63	0.20	0.28					0.11	1.09	1.00		
Soldier Creek	0.14	2.00	1.35	0.62	0.06	0.01	0.30	0.00	0.52	3.41	2.64	2.84	13.89
Spencer	0.75	1.67	2.82	0.85	0.22					1.02	1.00		
Springfield	0.11	0.60	1.34	0.23	0.55	0.51	0.60	0.10	0.42	0.85			
Stanley			1.34	0.68	0.20	0.12	0.56	0.08					
Sugar	0.38	0.65	0.16	0.49	0.13	0.59	0.87	T.	0.82	2.41	0.12	2.69	9.11
Sunset Lookout	0.94	2.72	0.46	0.69	0.02	0.32	0.15	1.00	0.35	2.51	2.05	2.73	13.94
Tripod Mountain	0.20	1.12	0.12	0.04	0.22	0.15	0.10	0.26	0.12	1.66	0.51	2.03	6.53
Twin Falls	3.09	5.10	1.40	1.16	0.14	1.88	1.17	1.75	1.74	3.43	6.80	3.08	30.79
Wallace	2.23	5.63	1.50	2.27	0.49	1.52	0.69	1.34	0.69	2.54	3.17	2.23	24.29
Warren	0.87	1.35	0.37	0.17	0.04	0.29	0.02	0.30	0.09	1.10	1.01	1.88	7.54
Weiser						0.05	0.15	0.00	0.15	2.47	0.63	1.55	6.50
Wendell	0.11	0.78	0.20	0.39	0.02	0.05	0.15	0.00	0.15	2.47	0.63	1.55	6.50
<i>Illinois</i>													
Aledo	1.61	1.48	3.21	1.36	1.78	10.63	3.26	4.66	1.62	1.26	0.88	2.45	34.30
Alexander	1.27	1.04	2.17	2.42	3.26	6.18	3.07	3.10	2.90	2.12	1.42	5.37	34.32
Anna	2.44	1.74	2.10	2.67	6.87	4.67	6.74	2.34	3.62	T.	2.16	3.79	39.04
Astoria	1.84	1.72	3.35	2.04	2.53	9.48	6.06	3.98	3.81	1.59	0.75	3.30	39.95
Aurora	1.49	1.45	2.95	1.39	3.02	6.54	2.68	6.91	2.99	0.58	0.74	1.98	32.72
Beardstown	1.32	1.14	2.58	1.52	4.13	7.33	3.30	2.94	2.46	2.00	1.00	3.01	32.75
Benton	1.71	1.14	2.08	2.79	4.55	10.15	2.61	1.46	2.84	0.19	1.41	3.24	34.47
Bloomington	1.64	1.53	2.82	1.71	3.12	7.81	3.07	12.76	3.07	2.02	0.94	3.00	44.29
Cairo	2.67	1.47	1.28	2.49	5.64	4.78	3.73	2.84	2.84	0.14	1.81	3.76	33.45
Carbondale	1.99	1.31	2.52	2.74	4.90	7.45	3.99	3.13	3.88	0.20	2.01	4.10	38.31
Carthage	1.59	1.72	2.58	1.15	5.04	5.83	2.87	3.15	3.91	1.45	1.87	4.87	36.03
Castro	2.07	0.90		3.29	3.38	3.30	3.35	0.56	4.72	0.21	1.54	2.94	
Casey	2.39	2.02		3.23	5.55	4.89	1.04	3.91	3.63	0.60	2.64	6.37	
Charleston	2.86	1.59	2.90	4.03	5.68	4.80	2.00	6.15	4.39	0.64	2.06	5.34	42.44
Chester	1.46	1.42	3.37	2.47	4.68	3.51	5.03	3.48	2.18	0.82	1.12	2.92	32.26
Chicago	1.32	1.68	3.70	0.64	2.30	6.60	3.66	8.12	3.14	0.84	0.66	1.90	34.96
Chicago University	1.42	1.91	3.14	0.83	2.31	6.85	2.71	6.76	2.26	0.96	0.79	1.53	31.50
Clinton	1.71	1.56	3.97	3.83	3.91	3.27	1.25	7.83	2.47	3.39	0.92	6.77	45.88
Danville	1.95			3.82	3.29	10.00	0.85	6.65	4.34	0.73	0.94	6.94	
Deatur	2.65	1.43	3.41	2.65	3.49	5.81	1.35	3.75	2.04	2.32	1.39	5.85	35.52
Dixon	1.22	0.80	2.91	3.53	1.34	7.59	3.27	8.51	2.60	0.65	0.73	1.19	34.44
Du Quoin	1.70	2.15	2.43	1.50	1.96	6.74	2.16	8.98	3.28	0.85	0.79	2.65	35.19
Dwight	2.20	1.47	2.62	1.10	6.47	7.04	3.62	3.25	3.15	0.77	2.02	4.36	37.97
Edwardsville	2.45	1.92	2.14	1.10	7.09	3.51	1.70	3.14	4.33	0.68	2.45	4.14	34.65
Elgin	1.37	2.05	2.40	1.72	2.68	7.15	3.08	7.17	3.05	0.75	1.80	1.47	34.19
Fairfield	2.75	2.37	2.99	2.48	4.38	6.50	2.78	0.94	1.63	0.46	1.70	2.45	31.43
Fairview	1.35	1.30	1.96	1.69	1.88	8.30	5.18	5.51	2.92	1.33	0.73	2.48	34.63
Flora	1.96	1.65	2.81	1.96	6.17	5.66	2.63	3.78	3.07	0.32	1.10	3.86	34.97
Freeport	1.03	1.08	2.74	3.22	1.28	7.49	2.26	7.57	2.06	0.47	1.18	1.96	21.99
Galva	1.39	1.81	3.42	1.29	3.00	8.42	3.16	13.51	2.98	1.00	0.82	2.00	42.75
Geneseo					1.70	8.90	4.42	7.16	2.71	1.25	0.74	2.13	
Geleconda	3.16	2.25	2.51	3.04	4.54	6.22	4.73	1.86	3.30	0.15	1.78	3.91	37.45
Golden	1.29	2.03	2.91	1.72	4.34	6.78	3.66	2.67	2.45	2.00	0.49	2.94	32.28
Grafton	1.57	1.72	2.84	0.77	5.09	7.02	4.33	4.54	3.19	1.14	2.59		
Grand Chain	3.14	2.07	2.01	3.01	5.39	5.96	3.10	3.66	1.73	0.03	1.10	3.22	35.23
Greenville	1.51	0.82	1.27	1.21	5.11	6.20	2.32	3.18	2.85	0.53	2.15	3	

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Illinois—Continued</i>													
Hillsboro	2.37	1.13	2.41	0.85	4.54	6.20	2.64	2.76	3.48	1.38	2.57	5.74	35.85
Hoopeston	2.12	2.10	3.51	2.85	3.83	8.83	0.97	6.85	3.33	0.73	0.72	6.25	42.07
Joliet	1.90	1.59	3.21	1.26	1.64	7.98	2.52	5.34	3.50	0.36	0.56	1.76	31.62
Kankakee	1.67	1.93	2.65	1.55	2.29	6.19	2.61	7.66	2.95	0.42	0.41	3.31	33.64
La Harpe	1.80	2.11	2.18	1.23	1.90	10.75	8.51	3.84	1.99	1.69	0.81	2.89	39.70
La Salle	1.42	1.53	2.84	2.72	1.74	8.86	4.83	9.05	3.96	0.79	0.49	2.10	40.33
Lincoln	1.05	1.58	3.02	2.66	3.46	8.12	3.51	5.26	2.78	2.63	0.89	4.68	40.22
McLeansboro	2.04	1.84	2.20	2.68	3.89	5.94	3.50	1.17	3.96	0.26	1.62	2.80	31.90
Macomb	1.66	1.70	2.19	1.80	2.72	9.12	8.11	4.03	3.18	1.79	1.60	2.22	40.12
Marengo	1.64	0.75	1.61	2.30	2.14	7.73	2.30	5.33	2.37	0.14	1.22	1.19	28.92
Mascoutah	1.40	1.32	3.01	1.57	5.14	6.20	3.42	3.83	3.35	0.87	1.29	6.48	37.58
Minonk	1.67	2.34	2.24	2.95	2.02	9.86	2.39	8.89	3.37	1.21	0.74	2.82	40.50
Monmouth	1.66	1.98	2.35	1.29	2.26	12.02	4.35	6.47	1.93	1.46	0.91	2.13	38.68
Morris	1.68	1.52	2.30	1.41	1.91	6.96	2.39	3.91	4.20	0.59	0.82	2.25	32.65
Morrison	1.66	0.85	2.33	0.88	3.19	7.12	3.00	1.93	3.44	1.42	1.19	4.96	33.22
Morrisonville	1.92	1.88	2.69	0.88	3.19	7.12	3.00	1.93	3.44	1.42	1.19	4.96	33.22
Mount Carroll	2.98	1.50	2.98	2.05	4.25	4.34	3.58	2.92	2.86	0.24	2.15	3.76	33.09
Mount Vernon	1.26	1.57	2.15	2.21	1.78	6.87	3.10	9.52	2.68	0.55	1.35	1.71	34.77
Nashville	1.95	0.66	2.64	1.97	4.56	5.46	3.33	1.67	3.52	0.53	0.66	3.39	30.34
Nashville	1.54	1.81	2.78	1.56	3.78	5.57	3.27	2.72	2.50	0.67	1.02		
New Burnside	2.50	1.95	2.11	3.09	4.92	7.02	5.06	2.59	3.11	0.17	1.55	3.89	37.76
Olney	2.75	1.74	2.45	1.89	5.45	5.38	3.77	6.07	3.40	0.41	1.18	3.07	37.56
Oregon	1.37	1.03	3.09	2.16	1.86	6.59	3.74	7.76	2.07	0.93	0.58	1.51	32.69
Ottawa	1.32	1.59	2.07	1.54	2.36	6.40	4.40	11.21	4.35	0.56	0.60	1.98	38.38
Palestine	2.37	1.78	2.41	1.30	4.16	3.34	1.36	2.74	5.39	0.52	0.78	4.19	30.27
Pana	2.44	1.72	2.55	1.55	3.76	6.39	4.38	3.07	3.45	0.98	1.60	4.81	36.61
Paris	2.60	1.91	2.78	1.32	5.43	1.94	1.94	7.80	4.47	0.54	1.55	0.42	
Paw Paw	1.50	1.04	1.72	1.22	3.43	5.22	2.54	3.73	3.05	2.33	1.85	4.43	32.91
Peoria	1.54	1.25	2.32	1.22	3.43	5.22	2.54	3.73	3.05	2.33	1.85	4.43	32.91
Pontiac	1.34	1.81	1.66	2.90	2.01	6.76	2.77	4.54	3.66	0.96	1.23	3.08	32.62
Quincy	1.30	1.50	2.64	1.57	3.85	6.29	2.59	3.41	2.63	2.80	0.65	2.78	32.01
Roberts	0.70	2.04	2.72	2.26	1.57	6.27	1.23	6.76	2.22	0.98	0.61	3.90	31.20
Rochelle	1.50	1.48	2.40	2.20	1.55	7.60	4.62	8.36	3.06	1.12	1.59	1.14	36.62
Rockford	1.27	1.29	2.46	2.52	1.47	6.79	2.08	6.69	2.16	0.53	1.00		
Rushville	1.30	0.88	2.46	2.48	2.94	6.11	3.71	2.70	2.42	1.11	1.11	3.05	30.56
Salem	1.87	1.26	3.44	1.98	5.57	7.03	3.85	2.07	0.62	0.97	0.67		
Shawneetown	3.75	1.97	2.15	3.30	5.13	4.89	2.63	7.03	0.25	1.30	3.20		
Sparta	1.45	1.49	3.13	3.11	6.10	5.61	5.80	2.89	3.71	0.55	0.95	3.75	38.54
Springfield	1.23	1.96	3.13	3.11	6.10	5.61	5.80	2.89	3.71	0.55	0.95	3.75	38.54
Sycamore	1.54	1.14	2.65	1.81	2.13	7.49	3.75	7.84	2.62	3.02	1.74	4.72	33.77
Tikiwa	1.53	1.56	2.97	2.43	3.08	8.45	4.07	10.34	3.74	0.97	1.21	2.13	41.47
Tuscola	2.40	1.50	2.95	4.30	3.20	6.35	1.45	6.44	3.07	1.14	1.13	6.82	40.75
Urbana	1.70	1.93	2.74	3.61	2.69	8.68	0.86	7.65	2.22	1.38	0.83	6.13	40.40
Walnut	1.29	1.53		1.53	1.26	7.44	3.62	6.65	3.28	0.69	1.00	1.98	
Warsaw		1.76	1.99	2.18	3.08	7.21	3.95	5.93	1.87	1.79	0.65	2.12	
Waterloo	1.09	1.42	3.25	2.16	6.51	5.43	4.51	3.57	3.93	0.42	1.89	4.98	39.16
Watseka	1.82	2.23	2.44	3.57	2.59	9.11	2.16	5.95	2.31	0.30	0.90	2.84	34.92
Waukegan	1.27	1.13	2.65	2.23	3.61	6.69	3.23	8.66	3.39	0.11	1.67	1.91	36.45
White Hall	1.17	1.25	4.14	1.04	4.71	8.22	2.40	2.33	4.19	2.25	1.98	4.90	35.58
Windsor	2.93	1.94	3.26	2.91	4.73	5.65	1.87	6.46	3.91	0.70	1.07	8.53	41.56
<i>Indiana</i>													
Albion	1.81	1.96	2.49	1.90	3.32	6.52	1.71	1.89	3.54	0.59	0.94	3.95	30.62
Anderson	3.13	1.66	2.20	2.50	3.63	8.68	0.98	2.82	4.13	0.05	1.63	6.66	38.06
Angola	2.17	1.58	3.40	2.09	2.05	8.00	3.64	0.77	3.29	0.50	1.94	3.67	33.20
Bedford	3.21	2.32	3.08	5.09	4.88	4.61	1.23	3.08	4.21	0.28	1.50	4.10	37.34
Berne	2.67	1.40	3.93	2.28	5.15	8.22	1.51	2.65	4.73	0.46	1.07	6.84	40.99
Bloomington	3.53	1.64	3.11	3.93	5.21	5.66	1.89	2.77	2.06	0.26	1.23	5.68	36.94
Bluffton	3.37	1.96	4.35	4.33	4.03	4.24	1.30	2.80	5.35	1.01	1.05	6.58	43.50
Butler	4.35	1.59	5.10	3.88	4.79	3.47	2.15	6.14	3.79	0.07	1.66	3.83	40.50
Cambridge City	2.46	1.82	5.68	1.39	4.08	9.75	1.42	2.34	4.48	0.03	2.03	4.63	40.06
Collegesville	2.04	1.18	2.24	3.63	3.46	10.19	2.64	5.51	3.50	0.35	1.30	3.00	39.04
Columbia City	2.66	1.68	4.51	3.42	3.76	8.30	2.09	3.34	2.79	0.39	1.19	6.19	40.33
Columbus	3.08	2.17	2.99	5.38	4.81	5.62	2.10	6.49	3.72	0.16	1.41	4.19	42.57
Connersville	2.56	1.82											
Crawfordsville	2.44	2.04	4.04	3.09	4.14	6.63	0.88	5.04	3.45	0.70	1.18	6.94	40.57
Decker	3.15	1.56	2.77	1.64	4.25	5.36	2.87	2.78	2.35	0.53	1.94	2.50	32.20
Delphi	3.07	1.97	6.39	4.80	4.44	7.14	1.08	5.03	4.74	0.68	1.14	7.59	47.97
Edwardsport	2.71	1.86	2.10	1.80	4.63	3.70	2.39	3.53	4.04	0.31	1.50	3.19	31.65
Elliston	3.34	1.37	2.87	4.01	5.76	3.83	1.70	3.26	2.62	0.13	1.48	4.12	34.00
Evansville	3.16	1.85	1.76	3.49	3.44	4.08	2.70	0.22	5.89	0.15	1.04	3.80	31.98
Farmersburg	2.45	1.58	2.24	2.20	3.95	4.46	0.84	4.71	3.34	0.17	1.62	4.55	31.11
Forest Reserve	3.17	1.61	3.33	2.11	2.89	8.73	2.15	1.76	4.18	0.20	1.55	6.60	40.18
Fort Wayne	2.49	1.33	3.41	2.79	4.07	6.09	1.36	2.85	0.00	0.07	1.27	4.37	36.99
Frankfort	3.58	1.16	4.72	0.75	4.95	9.12	0.95	4.13	4.63	1.02	1.39	5.89	44.23
Goshen	2.04	0.63	3.33	2.07	2.68	6.13	2.53	1.50	2.32	1.14	1.38	3.73	30.38
Greencastle	3.64	0.99	4.00	2.76	5.47	6.36	1.20	6.90	1.30	0.53	2.43	7.51	48.99
Greenfield	1.94	0.78	3.56	4.00	4.00	6.23	4.38	4.62	3.51	0.28	1.59	4.76	36.95
Greensburg	3.19	1.51	2.56	1.81	2.62	3.08	1.60	3.26	4.03	T.	1.58	2.39	36.03
Hickory Hill	2.93	0.77	3.05	3.76	4.68	5.28	2.12	4.31	2.97	0.15	1.80	4.61	36.48
Hobart	1.63	2.33	3.17	1.17	2.77	7.75	1.55	3.32	2.43	0.22	1.05	2.33	29.72
Howe	1.20	2.11	4.51	1.67	4.52	7.17	3.65	1.74	3.17				
Huntingburg	3.68	1.56	3.02	4.64	3.63	5.11	2.24	2.31	5.23	0.28	1.36	3.52	36.43
Huntington	3.11	2.20	3.60	4.66	4.77	7.54	0.44	2.35					
Indianapolis	3.12	1.44	4.72	3.28	4.47	4.04	1.75	4.77	2.86	0.79	1.75	5.53	38.47
Jeffersonville	4.76	1.55	3.96	3.72	4.17	5.6							

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Indiana—Continued</i>													
Martinsville.....	3.15	1.64	4.45	5.60	4.48	5.52	1.60	6.62	3.20	0.48	1.63	4.65	43.02
Maury.....	3.27	1.94	4.34	2.55	4.12	5.79	1.61	3.00	3.90	0.23	2.05	3.72	36.52
Monticello.....	2.16	1.47	4.04	3.10	3.60	6.27	1.48	3.22	3.05	0.51	0.77	4.95	34.62
Moore's Hill.....	3.96	1.48	4.36	2.99	5.16	4.46	1.50	4.23	4.15	0.12	1.45	2.99	36.85
Mount Vernon.....	3.02	1.42	2.70	3.26	4.90	6.83	3.22	0.60	4.15	0.12	1.75	3.62	35.59
Muncie.....	3.58	1.64	5.03	2.78	3.63	8.98	0.96	2.61	3.72	0.27	1.96	7.04	41.50
Noblesville.....	3.62	1.41	5.77	2.95	4.76	8.44	1.40	3.97	4.28	0.51	1.70	7.14	45.65
Notre Dame.....	1.88	1.73	3.37	2.45	3.44	6.05	2.53	3.07	3.65	1.06	0.63	3.80	32.06
Paoli.....	3.34	1.62	2.21	5.25	4.77	6.69	1.14	3.86	2.47	0.15	1.94	2.50	32.24
Plymouth.....	1.42	0.98	3.57	1.76	2.92	7.02	2.03	2.72	3.29	1.20	1.21	4.16	32.25
Princeton.....	3.41	1.26	3.39	2.01	3.01	4.09	3.32	3.03	1.97	0.15	1.73	3.13	30.50
Richmond.....	3.10	1.60	4.65	2.04	4.06	8.79	3.38	2.40	3.97	0.14	2.56	3.46	40.15
Rockville.....	3.56	2.04	3.96	3.51	6.13	6.93	1.08	8.68	3.46	0.74	1.59	7.19	48.87
Rome.....	4.41	2.27	2.34	5.09	4.54	4.18	4.76	2.64	3.17				
Royal Center.....	2.06	1.36	2.84	3.36	3.16	6.57	3.64	3.49	2.90	0.61	0.88	5.78	36.65
Salamonia.....	3.44	1.78	5.47	3.05	4.16	8.70	2.12	1.54	3.57	0.14	1.30	7.49	42.76
Salem.....	3.75	1.51	2.16	3.69	4.51	2.56	2.12	2.72	3.85	0.19	1.39	2.01	31.46
Scottsburg.....	3.37	0.98	2.08	4.79	4.05	4.78	1.61	4.12	3.50	0.16	1.17	4.00	34.59
Seymour.....	3.29	1.47	3.32	3.17	4.65	3.90	0.81	4.28	4.45	0.12	1.50	2.43	33.35
Shelbyville.....	2.79	1.70	4.74	2.24	4.83	4.73	1.33	3.12	3.11	0.22	1.66	4.94	34.52
Shoals.....	2.78	2.14	3.68	3.24	5.04	2.90	1.53	3.00	2.32	0.17	2.03	3.66	33.58
South Bend.....	1.67	1.4	3.09	2.45	3.09	6.00	1.08	3.39	5.36	1.47	0.87	3.44	33.65
Terre Haute.....	2.69	1.89	2.87	2.16	4.02	3.52	1.24	5.55	3.70	0.55	2.85	6.47	37.71
Valparaiso.....	2.51	2.39	3.58	2.75	3.39	9.00	2.09	4.36	3.40	0.45	1.33	3.26	38.49
Veederburg.....	2.83	2.38	2.60	4.80	3.93	7.97	1.26	6.47	4.37	0.68	1.01	7.63	45.93
Vevay.....	4.61	1.81	3.86	2.03	5.21	4.00	1.25	4.54	3.81	0.00	1.29	3.86	36.27
Vincennes.....	2.67	1.32	2.59	1.93	5.36	4.74	2.26	2.18	3.99	0.38	1.80	3.17	32.39
Wabash.....	2.50	1.55	3.59	4.41	3.42	7.20	1.23	2.21	3.53	0.42	1.11	6.43	37.60
Washington.....	3.14	2.24	2.98	3.10	4.64	4.41	2.01	6.10	1.98	0.42	2.07	3.93	37.57
Wheatfield.....	1.56	1.44	2.32	2.42	3.64	6.86	1.98	2.98	3.18	0.47	0.57	3.45	30.88
Whitestown.....	2.94	1.55	4.36	3.10	4.04	5.98	1.13	4.45	3.90	0.52	1.58	6.23	39.81
Whiting.....	2.55	1.91		3.08	3.08	8.27	3.02	6.47	2.34	0.23	0.63	2.63	
Williams.....	3.09	1.39	3.01	3.58	4.67	1.24	5.87	2.85	T		1.60	3.30	34.88
Winamac.....	1.98	2.20	3.17	3.03	2.91	6.64	3.20	2.50	2.78	0.47	0.97	4.82	35.59
Winona Lake.....	2.23	1.54	3.88	3.31	3.02	6.64	1.42	3.14	2.62	0.55	1.71	5.42	35.48
<i>Iowa</i>													
Afton.....	1.03	1.12	3.22	1.12	2.16	11.23	2.47	4.34	3.96	0.32	0.35	2.30	33.62
Albia.....	0.80	2.22	2.25	1.75	1.32	8.40	2.59	4.22	2.74	1.14	0.62	1.60	29.65
Algona.....	1.24	0.30	2.97	0.65	1.80	4.68	2.47	5.25	4.93	0.27	1.05	1.20	26.81
Allison (near).....	0.67	1.10	3.57	0.97	2.84	4.98	6.46	5.47	3.46	1.48	1.17	1.73	33.90
Alta.....	0.28	1.09	3.19	0.78	2.06	6.03	1.30	6.89	2.94	0.25	0.26	2.26	27.88
Alton.....	0.80	0.90	2.06	1.29	0.78	4.08	0.89	5.22	1.79	0.61	0.46	1.45	27.36
Ames.....	1.02	0.97	3.09	1.35	1.72	6.19	1.56	4.59	3.81	0.61	0.29	1.82	21.21
Atlantic.....	0.20	0.33	2.55	0.99	1.35	12.43	1.81	4.07	4.52	0.35	0.29	1.42	27.36
Audubon.....	0.98	2.10	3.19	0.64	0.97	12.59	5.21	5.84	3.42	0.06	0.57	1.77	37.34
Barter.....	1.12	1.08	2.89	2.66	1.16	9.53	3.21	2.79	3.47	1.25	0.50	1.30	30.96
Belle Plaine.....	1.11	1.26	2.85	0.89	1.41	11.87	5.53	4.52	2.27	0.81	0.59	2.11	35.22
Belmond.....	0.72	1.03	2.74	4.53	2.19	5.51	3.19	6.67	3.27	1.23	0.74	1.98	33.80
Bonaparte.....	0.95	1.00	1.83	1.03	1.78	10.04	6.88	4.80	1.97	1.43	0.78	1.89	34.38
Boone.....	0.80	1.28	3.27	1.15	1.53	6.36	2.23	5.10	2.98	0.38	1.46	1.62	28.16
Britt.....		0.33					3.66	5.98	2.82	0.37	0.37	1.12	
Burlington.....	1.86	2.00	3.06	2.42	1.74	13.91	6.96	4.07	2.85	1.80	0.49	2.73	43.85
Carroll.....	0.69	0.75	2.85	1.38	1.17	2.24	9.13	3.85	6.34	3.21	0.20	1.32	32.30
Cedar Rapids.....						1.17	1.25	1.28	4.59	8.84	1.91	1.08	1.45
Centerville.....	0.66	1.78	1.26	1.52	1.32	8.54	4.89	5.04	2.33	0.98	0.61	1.89	30.35
Chariton (near).....	1.12	0.76	1.49	1.52	1.54	8.19	2.35	4.88	2.55	1.60		1.20	
Charles City.....	1.18	1.14	3.27	1.20	2.21	4.04	3.19	7.59	4.00	1.24	0.66	2.06	31.78
Cherokee.....	0.23	0.91	1.37	1.15	1.88	5.95	1.61	6.12	2.46	0.70	0.03	1.29	23.70
Clarinda.....	0.80	1.42	1.30	1.13	1.36	7.20	3.62	2.38	1.92	0.12	0.72	2.90	24.87
Clinton.....	1.41	1.13	3.13	1.26	1.74	8.75	3.77	9.25	2.65	1.01	1.00	1.90	37.00
Columbus Junction.....	1.69	1.65	2.92	1.20	1.30	11.94	7.80	3.33	2.29	1.50			
Corning.....	1.10	0.85	2.05	0.81	1.57	9.26	3.52	4.26	3.41	0.43	0.51	2.89	30.66
Corydon.....	0.63	1.64	1.75	1.06	1.39	7.37	3.56	2.72	1.97	0.75	0.49	2.32	26.65
Creston.....		1.78	2.61	0.83	1.97	9.46	2.77	5.41	4.81	0.46	0.20		
Cumberland (near).....	0.66	0.39	2.13	0.90	1.39	14.52	1.06	8.08	3.38	0.36	0.28	1.28	30.35
Davenport (Weather Bureau).....	1.27	1.45	2.71	1.11	0.93	9.61	3.76	8.03	2.22	0.86	0.60	2.36	34.33
Davenport (No. 2).....	1.60	1.37	2.60	0.92	1.25	9.90	4.14	9.14	2.60	1.04	0.98	2.37	37.61
Decorah.....	1.20	0.90	2.38	1.45	2.79	5.68	2.94	7.24	3.16	0.56	1.33	1.85	31.51
Denison.....	0.52	0.34	2.02	0.50	1.81	9.25	3.57	4.56	3.67	0.63	0.08	1.70	28.45
Des Moines.....	1.02	1.98	3.10	0.78	1.26	9.30	0.98	4.15	3.47	0.77	0.53	1.62	28.96
Dubuque.....	0.63	0.74	2.65	1.12	2.16	6.37	4.11	7.05	2.44	0.43	0.56	1.31	26.77
Earlham.....	1.11	1.64	2.66	0.85	1.17	11.03	1.57	5.32	3.08	0.54	0.55	1.66	31.18
Estherville.....	0.30	0.85	2.57	1.23	1.74	5.08	1.77	4.75	5.27	0.22	0.40	1.10	23.28
Fairfield.....	1.14	2.96	1.30	1.66	2.11	9.83	6.97	4.55	2.75	1.78	1.37	2.71	39.13
Fairport.....	1.92	1.66	3.34	2.01	1.13	10.96	3.88	7.65	2.86	1.41	0.91	2.83	40.56
Fayette.....	0.60	1.12	4.76	1.14	2.37	4.90	5.97	4.26	2.23	0.63	0.52	1.29	29.79
Forest City.....	0.68	1.13	2.35	1.89	2.85	6.61	3.29	5.85	2.92	0.64	0.91	1.40	29.52
Fort Dodge.....	0.78	1.03	3.64	1.31	1.70	5.46	2.26	5.27	2.92	0.26	0.27	1.76	26.58
Glenwood.....	0.89	1.50	2.04	1.19	1.42	9.55	3.94	1.90	2.04	0.82	0.42	1.86	28.17
Greenfield.....	0.53	0.85	2.40	2.14	1.34	14.17	7.25	3.83	2.60	0.95	0.63	1.70	41.15
Grunnell.....	1.24	1.63				4.65	6.70	8.87	2.94	1.28	0.96	1.55	36.78
Grundy Center.....	1.29	1.20	2.45	1.41	2.65	11.01	2.00	4.89	3.50	0.18	0.64	1.76	34.05
Guthrie Center.....	1.26	1.93	3.63	2.30	2.16	6.82	4.47	7.35	2.52	0.78	0.48	1.51	
Hampton.....				0.38	1.01	11.35	4.83	5.82			T		

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	N	Dec.	Annual
<i>Iowa—Continued</i>													
Lamoni	0.49	2.74	2.15	1.41	1.64	8.44	3.57	2.62	3.86	1.03	0.56	1.92	30.43
Lansing			3.63	1.65	2.88	9.00	3.05	8.37	2.63	0.64	0.83		
La Claire			2.95	1.36	1.80	7.83	5.60	8.79	3.02	1.22	1.13		
Le Mars	1.39	0.59	1.43	1.09	1.41	5.34	2.69	6.02	3.13	1.48	0.07	1.73	25.37
Lenox	0.55	1.03	2.68	0.85	1.45	8.58	3.56	4.68	3.65	0.62	0.45	2.86	30.96
Little Sioux	0.16	0.89	1.98	0.83	1.84		2.56	5.64	4.30	0.95	T.	1.00	
Logan	0.60	0.93		0.66	0.85	10.49	2.11	5.14	5.68	0.66	T.	1.36	
Marshalltown	1.04	1.25	3.39	2.34	1.21	12.48	5.96	3.41	4.27	1.09	0.57	1.84	38.86
Mason City	1.13	1.23	2.67	2.14	2.37	5.97	2.13	5.68	3.66	0.66	0.28	1.51	29.43
Milford (near)	0.23	0.91	1.54	0.76	1.42	4.10	0.57	6.22	3.43	0.26	0.23	1.51	21.17
Monroe	0.89	1.87	1.79	1.77	1.84	7.52	1.96	3.55	4.35	1.02	0.51	1.78	28.35
Mount Ayr	0.77	1.57	2.06	0.70	1.57	9.24	3.20	3.27	2.93	0.77	0.55	2.51	29.24
Mount Pleasant	0.73	1.01	2.88	0.79	1.93	10.33	7.06	2.63	2.15	2.58	1.19	2.14	35.72
Muscatine	3.23	1.68	2.49	1.89	1.30	10.18	3.86	6.48	2.43	1.13	0.98	1.88	37.41
New Hampton	0.64	1.70	2.74	1.62	2.54	4.50	3.75	10.45	3.07	0.92	1.25	1.85	35.04
Nora Springs	1.26	1.86	3.63	2.24	3.28	4.91	2.97	6.33	4.61	1.56	0.93	2.55	35.93
Northwood	0.40	0.80	2.60	2.60	1.95	7.39	2.37	5.08	4.05	1.03	0.90	1.20	30.37
Oakland	1.00	0.80	2.39	1.31	1.51	10.26	2.04	3.76	4.55		0.32	1.67	
Oelwein	1.12	0.80	3.23	1.05	1.07	5.15	4.88	5.40	2.20	0.75	0.60		
Olin	0.40		2.30	1.40	0.93	9.90	8.90	7.91	2.27	1.17	0.70	1.95	
Onawa	0.16	0.95	3.63	0.75	1.98	9.36	2.58	4.90	3.77	1.12	0.46	2.20	31.86
Oskaloosa	1.02	2.38	2.58	1.28	1.51	8.97	3.17	4.52	3.52	0.97	0.49	2.07	32.53
Ottumwa	0.83	2.74	2.41	1.94	1.34	11.00	3.94	4.58	2.78	1.86	0.80	2.23	35.93
Pella (near)	0.98	2.32	1.87	2.12	1.58	8.15	3.40	5.02	3.58	0.62	0.62	1.48	30.43
Perry	0.61	0.79	2.66	0.79	1.11	5.58	1.50	4.71	2.97	0.27			
Pocahontas	0.50	0.68	2.96	1.48	1.93	5.78	2.96	6.56	2.71	0.09	0.36	1.22	27.23
Postville	0.50	1.00	3.59	2.89	2.95	5.17	3.96	6.06	2.79	0.67	0.63	1.66	31.87
Red Oak (near)											0.29	1.98	
Rock Rapids	0.62	0.75	2.76	1.38	1.61	4.81	1.68	2.59	1.07	1.85	0.29	1.89	21.30
Rockwell City	1.10			0.65	2.16		3.71			0.03	T.	0.90	
Sac City	0.50	1.05	1.81	0.95	1.98	6.04	2.51	5.16	2.77	0.27	0.13	1.75	24.92
Sanborn	0.10	1.15	1.68	1.05	1.19	4.00	2.51	3.90	3.75	0.76	0.45	1.50	22.04
Sigourney	1.04	2.71	2.62	1.03	1.22	7.23	4.75	4.58	3.19	2.00	0.75	2.06	33.18
Sioux Center	0.70	0.97	2.85	1.47	1.32	6.43		7.36	2.19	1.28	0.31	1.75	
Sioux City	0.13	1.01	1.32	1.16	1.52	5.42	2.87	4.24	1.71	1.06	0.02	1.87	22.82
Spencer	0.40	0.90	2.45	0.93	1.46	4.75	0.69	5.49	4.72	0.23	0.29	1.50	23.86
Stockport	1.71	1.68	2.75	1.02	1.69	9.13	6.56	6.91	2.32	1.46	0.87	2.61	38.71
Storm Lake	0.06	0.74	2.49	1.05	1.83	5.55	1.13	5.67	4.17	0.55	0.48	1.74	25.46
Thurman	1.07	0.84	2.74	0.96	1.54	8.98	4.01	2.39	1.72	0.64	0.40	2.05	27.24
Tingley				0.96	1.56	8.95	3.08	5.49	3.65	1.18	0.73	2.30	
Tipton	0.72	1.13		1.16	1.20	12.33	6.17	9.12	2.57	0.81	1.00	2.12	
Toledo	1.03	1.30	3.31	1.59	1.21	12.36	4.34	4.28	2.43	1.06	0.89	1.46	35.30
Van Meter					1.98	12.06	1.56	4.87	3.58	0.88	0.47	1.49	
Washington	1.18	1.55	2.72	1.22	1.45	11.66	6.33	3.62	3.27	1.38	1.55	1.91	40.14
Washta	0.10	0.91	1.92	1.01	2.03	6.17	2.66	7.37	3.04	0.87	0.10	1.70	27.88
Waterloo	0.81	1.10	4.18	1.34	2.81	6.11	7.69	6.81	2.28	0.77	0.51	1.80	36.01
Waukeo	1.16	1.39	3.53	0.83	1.52	11.27	1.19	4.29	4.17	0.60	0.47	1.48	31.60
Waverly	2.57	0.84	3.65	1.22	2.56	7.18	5.79	5.56	2.80	0.62	0.66	1.89	35.34
Webster City		0.69	2.92	1.82	1.90	5.20	5.73	5.15	2.97	0.22	0.22	1.22	
Wescott (near)		1.22	2.26	2.64	2.06	9.88	6.57	3.75	2.85	2.20	0.80	2.93	39.29
West Bend	0.41	0.39	1.97	1.24	1.69	4.83	2.31	5.84	3.79	0.69	0.32	1.10	25.08
Williamsburg	0.62	1.00	3.05	0.75	1.23	11.65	7.56	4.09	2.61	1.55	0.44	1.73	36.28
Winterset	0.48	1.70	2.97	1.04	1.20	10.20	2.02	4.88	4.18	0.51	0.53	1.28	30.90
<i>Kansas</i>													
Abilene	0.25	0.39	2.78	3.85	2.02	1.27	2.96	7.89	1.13	1.05	0.06	1.80	25.57
Alden	0.09	0.43	2.31	5.22	2.99	1.99	3.76	2.10	0.79	0.87	0.14	1.06	21.67
Alton (near)	0.35	0.30	2.40	0.40	1.69	0.65	1.44	2.67	0.70	1.36	T.	1.37	13.53
Anthony	0.12	0.68	3.49	4.77	0.93	2.75	3.96	3.24	2.94	1.87	2.47	0.66	27.88
Arkansas City	0.20	0.99	4.36	3.71	1.95	2.46	3.42	4.33	4.91	3.28	3.43	0.64	33.71
Ashland	0.05	0.42	3.35	4.19	0.92	0.98	2.24	1.75	2.92	0.42	1.17	0.75	18.60
Atchison	0.68	1.26	1.69	0.74	2.58	5.80	5.11	4.58	4.44	1.30	1.26	3.01	35.35
Atwood	0.22	0.85	1.55	0.54	1.63	1.30	4.60	0.94	3.61	0.93	0.26	2.31	18.64
Augusta	0.27	0.46	2.69	4.00	3.21	1.27	5.55	2.76	2.86	3.09	1.29	0.37	25.12
Bazaar	0.37	0.95	2.62	3.46	3.87	2.67	2.72	5.23	2.31	1.43	0.62	1.06	27.21
Beaver	0.05	0.85	3.72	2.28	2.84	1.62	3.02	2.91	0.95	1.15	0.22	3.79	23.40
Beloit	0.53	0.12	1.89	1.30	1.28	1.68	2.46	4.61	0.85	0.24	0.28	1.18	16.32
Bird City (near)	0.13	0.95	2.68	0.44	1.21	0.65	1.34	4.27	3.13	1.63	0.34	1.16	17.68
Bison (near)	0.07	0.36	2.56	2.67	3.56	0.54	4.16	3.68	1.04	0.65	0.18	1.44	26.93
Blue Rapids	0.53	0.83	2.96	1.61	3.28	7.50	4.45	3.13	2.46	0.29	0.31	1.26	28.73
Bucklin	0.07	0.55	2.67	2.94	0.74	1.68	4.02	5.84	2.12	1.88	0.64	0.69	23.64
Burlington	0.52	0.93	1.81	3.04	4.09	2.48	4.71	7.23	5.98	2.00	2.17	1.44	36.30
Burr Oak (near)	0.41	0.25	2.84	0.95	3.21	0.87	2.13	3.25	0.65	0.54	0.24	1.26	17.21
Cardamole	0.47	0.83	2.06	2.63	3.51	3.78	4.78	10.35	3.12	1.33	1.32	2.00	36.17
Cawker City	0.58	0.13	1.95	0.67	1.62	1.79	1.96	8.30	0.55	2.04	0.40	1.82	16.71
Centralia	1.01	1.35	2.37	0.55	2.77	7.43	4.13	3.28		1.50	0.35	2.67	
Chanute	0.48	1.64	1.92	2.90	2.69	3.79	7.04	8.46	6.43	1.66	3.01	1.47	41.40
Chapman	1.30	0.60	2.19	3.62	3.14	1.65	5.14	8.12	0.66	0.94	0.17	2.16	29.69
Cheney	0.02	0.43	2.62	4.55	2.94	0.83	4.82	1.46	2.70	1.32	0.67	0.72	22.96
Cimarron	0.10						1.87	2.08	2.80	1.65	T.	0.44	
Clay Center			2.54	2.83	1.92	2.77	2.28	2.72	1.02	0.34	0.32	1.13	
Olyde	0.79	0.28	2.14	2.13	1.52	4.56	4.26	1.68	0.83	0.27	0.38	1.21	30.06
Colby	0.18	1.90	2.90	0.89	1.49	0.74	1.74	3.18	1.97	0.95	0.18	2.14	18.86
Coldwater	T.	0.41	3.78	3.84	1.84	2.12	4.79	8.14	2.72	2.15	0.68	0.47	25.62
Columbus	1.86	2.95	2.17	2.98	5.02	6.64	6.29	8.63	8.45	0.73	2.63	3.64	49.97
Concordia	0.95	0.26	2.56	1.35	1.75	1.87	3.55	3.38	0.30	0.46	0.36	1.32	17.69
Council Grove	0.23	0.48	3.07	2.83	3.17	2.10	2.29	7.69					

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Kansas—Continued													
Emporia.....	0.29	1.16	2.54	2.36	2.07	4.55	3.83	6.57	2.22	1.54	1.02	1.11	29.26
Eskridge.....	0.25	1.53	2.42	2.35	2.71	3.04	2.41	6.06	2.47	0.63	0.63	1.81	26.61
Eureka.....	0.56			2.96	2.07	4.37	5.26	8.37	4.39	1.62	1.95	0.91	
Fort Riley.....	0.81	0.79		2.19	2.98	1.59	3.59	12.29	1.12	0.79	0.21	1.44	
Fort Scott.....	1.45	2.47	2.01	4.19	3.14	5.80	10.36	4.94	4.99	2.41	3.27	2.29	47.32
Fredonia.....	0.63	1.55	2.23	4.06	3.42	3.99	5.31	7.70	5.91	2.14	2.86	1.56	41.36
Garden City.....	T.	1.44	2.20	2.28	1.07	1.06	0.81	2.02	1.62	0.55	0.00	1.18	14.23
Garnett.....	0.74	0.92	2.89	2.48	3.36	3.59	3.74	4.00	5.29	1.97	0.21	2.07	35.26
Goodland.....	0.25	1.38	2.93	0.66	1.03	0.48	0.30	2.38	2.22	3.20	0.06	2.90	17.77
Gove.....	0.30	0.30	2.44	0.28	1.64	0.79	1.00	5.89	1.61	0.83	0.12	1.65	16.85
Great Bend.....	0.11	0.19	1.75	4.40	3.67	0.96	5.07	1.73	0.97	1.33	0.16	2.21	22.55
Greensburg.....	0.16	0.98	3.48	2.84	0.59	0.14	4.37	2.21	2.56	1.49	0.33	1.25	20.40
Grenola.....	0.51	0.66	3.91	3.21	2.81	2.36	4.45	6.07	4.87	1.82	3.54	1.03	35.24
Haddam.....	1.50					1.86	5.65	3.28	1.27	0.50	0.40	1.85	
Hanover.....	0.93	0.58	2.70	1.97	3.02	3.78	5.89	3.20	0.82	0.26	0.48	1.17	24.80
Hays.....	0.31	0.26	1.81	1.05	3.19	0.77	2.32	1.95	1.03	0.46	0.25	1.11	14.51
Healy.....	0.05	0.65	2.26	0.91	1.10	0.05	2.91	3.47	1.82	0.99	0.10	1.23	15.54
Herrington.....	0.43	0.80	3.81	3.78	2.42	1.78	2.96	6.40	3.88	0.99	0.27	1.11	28.53
Hesson.....	0.11	0.45	2.26	4.32	2.64	0.89	4.25	2.05	1.99	1.05	0.50	1.15	22.20
Hill City.....	0.28	0.32	2.39	0.25	1.21	1.72	2.44	0.42	0.63	0.89	0.10	1.03	12.21
Holton.....	1.48	1.37	2.19	0.81	3.63	5.43	3.21	4.53	6.40	1.17	0.68	2.68	33.57
Horton (near).....	0.89	1.28	2.08	0.74	1.80	4.88	3.11	3.00	5.29	0.85	0.58	2.67	27.18
Horis.....	0.12	0.51	4.13	0.52	1.06	1.45	1.42	1.39	2.05	0.50	0.13	1.93	15.24
Hudson.....	0.03	0.12	1.43	3.81	3.94	1.76	5.80	1.68	0.80	0.91	0.11	1.60	21.99
Hugoton.....	0.04	0.22	2.11	1.00	1.71	1.35	1.53	1.04	1.79	0.74	T.	0.81	12.34
Hutchinson.....	0.09	0.45	3.17	5.71	1.41	1.65	3.88	1.33	1.26	0.63	0.09	1.36	21.98
Independence.....	0.89	2.13	1.91	3.84	5.33	7.94	3.79	5.57	8.77	2.55	3.01	2.14	47.87
Iola.....	0.81	1.18	1.57	2.77	2.76	3.38	7.55	6.40	6.14	2.44	2.24	1.70	38.94
Irene.....	T.	0.85	3.31	1.07	0.92	2.06	1.15	2.62	0.87	1.03	T.	1.14	15.02
Jetmore.....	T.	0.70	3.25	2.76	2.01	0.81	2.64	1.54	1.41	0.94	0.14	2.00	18.20
Johnson.....	0.05	0.43	1.69	1.51	1.77	1.25	1.01	2.48	2.14	1.09	T.	0.14	15.56
Kismet (near).....	0.11	0.40	0.77	2.02	0.84	0.45	2.06	5.32	1.73	1.35	T.	0.18	15.21
Lakin.....	T.	1.03	1.42	1.69	0.68	1.68	1.59	3.06	1.33	1.05	0.00	0.85	13.77
Larned.....	0.18	0.22	3.27	4.88	2.46	0.61	2.95	1.83	1.68	0.95	0.24	1.15	20.82
Lawrence.....	0.84	0.84	1.56	1.85	1.86	6.74	4.28	7.54	6.85	0.87	1.34	2.88	37.45
Leavenworth.....	0.61	1.10	2.71	0.94	1.91	5.74	3.41	4.61	5.23	1.70	1.54	3.02	32.42
Lebo.....	0.29	0.84	1.95	2.64	2.72	2.92	4.19	5.82	3.00	2.28	0.86	1.14	28.65
Leoti.....	T.	1.15	3.25	0.76	1.45	0.08	1.83	2.69	0.87	1.80	T.	1.30	15.18
Le Roy.....	0.74	0.94	1.97	3.27	3.35	3.21	6.08	7.31	4.72	2.73	2.42	1.43	38.17
Liberal.....	0.05	0.20	3.67	1.36	0.74	1.09	1.60	1.72	0.82	1.57	0.07	0.50	12.39
Lincoln.....	0.65	0.21	2.85	1.75	2.47	1.55	2.76	1.78	0.26	0.82	0.35	1.76	17.21
Lincoln (near).....						2.33	3.44	3.79	7.02	4.03	1.57	2.94	
McFarland.....	0.73	1.04	1.88	1.75	2.36	2.16	5.53	9.16	4.22	0.48	0.65	1.50	31.81
McPherson.....	0.54	0.71	2.29	4.40	2.61	1.24	3.31	4.19	9.84	1.16	0.40	1.89	23.19
Macksville.....	0.15	0.36	2.44	4.53	0.84	1.70	3.41	3.66	1.50	1.17	0.50	1.24	21.59
Manhattan.....	0.54	1.01	1.57	1.15	2.60	3.02	3.75	10.25	3.36	0.65	0.29	2.02	29.21
Marion.....	0.77	1.18	2.65	4.90	2.07	0.72	2.76	5.22	3.61	0.78	0.82	2.38	27.86
Medicine Lodge.....	0.05	0.53	3.70	3.26	0.68	1.09	8.57	3.00	2.04	1.46	0.61	1.34	26.28
Medora.....	0.20	0.27	2.70	5.83	2.21	0.91	3.57	1.28	1.22	1.07	0.17	1.00	21.33
Mentor.....	0.20		2.55	4.35		0.73	3.06	4.06	0.06	0.82	T.	1.55	
Minneapolis.....	0.41	0.10	1.87	1.81	2.08	2.35	2.94	4.43	0.37	0.64	0.17	1.37	18.54
Minneola.....	T.	0.93	2.38	2.69	1.13	2.13	4.10	2.12	1.57	2.11	0.48	0.93	20.57
Mount Hope.....	0.05	0.43	4.15	4.29	1.64	0.76	3.90	3.00	1.77	1.13	0.26	1.43	23.20
Neosho Rapids.....	0.15	0.55	1.78	2.17	2.44	3.51	3.29	6.48	2.56	2.44	0.85	1.30	27.52
Ness City (near).....	0.27	0.38	2.55	1.98	1.38	0.48	5.21	1.54	2.30	0.76	0.35	1.31	18.51
Newton.....	0.10	0.25	3.32	7.32	1.12	1.10	6.80	2.85	3.13	1.55	0.76	2.00	30.58
Norton (near).....	0.35	0.29	2.68	0.35	0.95	1.10	3.87	1.59	1.02	0.50	T.	0.95	14.37
Norwich.....	0.06	0.42	3.31	5.03	1.51	0.73	3.57	2.19	3.13	1.49	0.89	0.71	22.04
Oakley.....	0.30	1.40	2.48	0.20	1.24	0.61	3.08	3.07	1.68	0.42	0.10	3.70	18.26
Oberlin.....	0.21	0.53	1.45	0.31	1.55	0.80	7.42	1.48	3.13	0.48	0.18	1.27	18.81
Oketo.....	0.21	0.27	2.86	1.50	2.39	4.73	3.62	1.51	0.98	0.44	0.64	1.65	20.80
Olathe.....	1.25	0.43				4.17	4.00	5.05	0.90	0.80			
Osage City.....	0.21	0.86	1.80	2.45	2.49	4.02	2.99	5.64	3.81	1.43	0.91	2.03	28.74
Oswego.....	1.22	2.72	1.38	3.46	4.64	5.14	5.36	7.00	4.55	1.35	2.41	2.70	41.93
Ottawa.....	0.73	0.68	2.66	1.66	3.37	3.10	4.92	4.16	3.97	1.66	0.97	1.89	29.77
Overbrook (near).....	0.54	0.68	1.60	2.14	2.44	3.10	5.92	7.97	4.49	1.41	0.90	2.37	32.56
Paola.....	1.02	0.75	2.28	1.86	2.97	7.05	6.02	3.14	5.06	2.48	1.31	2.52	36.46
Phillipsburg.....	0.39	0.73	2.73	0.21	0.91	1.98	2.99	4.07	1.44	0.45	0.04	1.76	17.70
Pittsburg.....	1.60	2.45	2.11	2.64	8.08	6.52	4.59	7.75	5.43	1.32	3.36	3.31	45.56
Plains.....	0.02	1.30	2.62	2.06	0.37	0.30	2.03	4.36	0.79	1.93	0.58		
Plainville.....	0.50	0.31	2.84	0.46	1.49	0.63	2.81	1.32	0.30	0.94	0.16	1.77	13.53
Pleasanton.....	1.25	1.31	2.19	4.24	3.07	5.03	7.55	4.47	6.38	2.92	2.36	2.43	43.18
Pomona (near).....	0.67	1.09	2.46	2.21	2.85	2.87	5.58	6.31	3.62	1.53	0.86	1.99	32.34
Pratt.....	T.	0.21	2.25	4.65	1.00	1.59	3.68	2.60	1.00	1.36	0.15	1.43	19.92
Queenemo.....	0.88	1.00	3.06	2.30	2.85	4.70	6.26	5.89	3.96	1.67	0.08	1.53	35.03
Randolph.....	0.48	1.00	2.70	1.04	2.19	2.28	4.11	4.09	0.94	1.25	0.37	1.30	21.75
Reading.....	0.36	0.79	1.66	2.12	2.75	3.04	4.24	7.27	3.80	1.42	0.72	1.74	30.41
Republic.....	0.30	0.27	2.47	1.02	2.45	2.87	4.55	2.20	0.78	0.25	0.72	1.03	18.91
Richfield.....	0.10	0.75	3.50	1.35	0.79	0.67	0.86	1.02	0.50	0.80	0.12	1.09	16.27
Russell.....	0.16	0.14	3.39	0.93	3.35	1.65	2.66	0.75	0.50	0.79	0.00	1.40	11.96
St. Francis.....	0.19	0.80	1.74	0.44	1.99	0.31	2.34	3.32	2.83	2.08	0.31	2.33	18.28
Salina.....	0.22	0.52	3.21	3.78	1.72	0.62	1.73	4.75	0.57	0.60	0.12	1.30	19.04
Scott City.....	0.14	1.03	2.69	0.66	1.76	0.19	1.97	2.66	1.45	0.80	0.02	1.64	18.80
Sedan.....	0.74	1.30	2.58										

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Kansas—Continued</i>													
Vinland.....	0.44	0.52	1.66	2.09	2.54	6.82	4.69	6.35	6.62	1.87	1.06	2.66	37.22
Wakeeney.....	0.35	0.20	3.50	0.69	1.74	0.22	4.01	1.31	0.62	0.87	0.12	1.50	14.78
Walnut.....	1.01	3.55	2.41	3.00	4.61	5.20	8.12	11.43	4.85	0.51	4.00	2.27	51.96
Wamego.....	0.40	1.16	1.08	1.00	3.09	2.91	3.45	3.09	6.57	1.10	0.57	1.65	31.49
Wellington.....	0.74	0.64	3.90	6.30	2.00	1.26	6.16	4.08	2.62	2.39	1.48	0.43	31.65
Wheaton.....	0.64	2.57	0.74	3.09	3.66	3.91	2.72	3.03	0.60	0.42	1.71	.....	.....
Wichita (Weather Bureau).....	0.31	0.58	2.61	4.38	2.93	0.86	3.64	1.70	2.61	1.70	0.80	1.21	22.73
Wichita (Evaporation Station).....	.....	.....	.....	3.59	3.06	0.75	3.29	1.57	2.38	1.77	.....	.....	.....
Winfield.....	0.41	1.17	5.04	3.91	2.08	1.07	3.65	4.80	4.98	2.55	2.90	0.59	33.09
Yates Center (near).....	0.37	0.99	2.59	2.31	2.23	2.22	6.50	9.01	4.56	1.97	2.12	1.73	37.26
<i>Kentucky</i>													
Anchorage.....	4.41	1.65	2.87	4.17	4.63	4.47	2.05	2.51	4.01	0.14	0.98	4.42	36.31
Ashland.....	5.57	3.27	2.46	2.32	4.49	5.48	4.42	6.05	5.30	0.20	1.85	4.75	46.16
Bardstown.....	3.88	2.15	2.16	4.65	5.77	3.07	3.04	3.60	4.85	0.17	1.19	6.13	40.66
Beattyville.....	6.07	2.74	3.66	2.49	7.55	7.90	4.60	7.13	7.02	0.30	2.97	6.03	58.36
Beaver Dam.....	5.00	2.60	3.55	2.22	5.59	4.38	2.58	1.33	1.73	0.60	1.50	4.07	35.35
Berea.....	6.25	3.07	4.07	4.17	4.87	6.05	4.36	4.45	6.06	0.19	2.29	8.21	54.04
Blandville.....	3.79	2.44	2.62	2.78	5.04	3.75	5.76	2.56	3.25	0.81	2.76	6.30	41.26
Bowling Green (No. 1).....	5.90	3.83	4.48	4.46	6.32	3.35	4.11	0.70	3.87	0.03	2.85	10.74	52.94
Bowling Green (No. 2).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brownsville.....	6.31	3.19	4.41	4.18	5.95	2.56	4.29	2.48	5.99	0.40	1.73	11.12	52.61
Burnside.....	6.87	4.12	3.42	3.63	7.53	1.92	5.47	2.30	6.10	0.08	3.86	8.09	53.29
Calhoun.....	4.19	2.78	2.44	3.37	4.97	4.35	3.35	0.68	3.83	1.39	1.42	4.85	37.62
Carrollton.....	4.55	1.48	4.33	2.88	4.46	3.04	2.27	2.12	4.23	0.12	0.72	4.62	34.82
Cloverport.....	4.36	2.25	2.17	3.99	4.78	2.82	2.28	3.78	3.12	1.01	1.05	5.08	36.64
College Hill.....	6.41	2.66	3.39	3.09	4.51	3.57	2.80	5.88	5.85	0.05	2.39	5.86	46.46
Cynthiana.....	4.85	2.92	2.40	2.07	3.52	3.12	2.84	3.27	8.10	0.03	1.61	6.18	40.91
Dix Dam.....	5.49	2.62	3.03	3.98	3.61	3.65	4.78	4.59	5.24	0.13	1.63	6.38	45.03
Earlington.....	5.19	2.02	4.11	3.49	5.90	3.12	3.04	1.24	1.57	0.97	2.20	7.43	40.28
Embank.....	6.83	3.29	3.64	3.57	6.13	2.08	3.24	2.46	3.87	0.00	0.67	7.23	45.01
Falmouth.....	4.63	2.42	2.96	2.55	2.30	2.90	3.89	1.30	2.75	0.12	1.30	4.45	30.68
Farmers.....	.....	3.15	2.65	2.12	4.37	6.69	4.59	2.93	5.55	0.12	1.94	4.77	.....
Ford.....	5.70	2.72	2.47	2.83	4.04	4.19	2.93	4.27	6.15	T.	1.94	5.57	42.51
Frankfort.....	4.64	1.85	2.56	3.63	4.49	5.35	5.48	1.71	3.02	0.13	1.07	6.05	39.99
Franklin.....	.....	3.26	3.00	2.64	6.96	6.20	2.15	2.09	3.52	0.03	2.97	7.03	.....
Gest.....	4.57	1.96	2.53	2.86	3.66	4.70	4.06	1.36	5.64	0.13	1.56	4.70	37.73
Glasgow.....	6.96	3.38	2.90	3.60	8.37	2.36	4.66	0.64	4.03	0.27	2.77	5.41	45.25
Greensburg.....	6.64	2.63	5.34	3.71	5.35	3.71	4.56	3.74	5.39	0.27	1.82	7.93	51.09
Greenville.....	4.57	2.54	2.91	4.11	6.10	3.86	3.61	2.85	1.95	0.23	2.27	6.96	41.96
Heidelberg.....	6.54	2.54	3.39	2.84	6.49	7.53	5.12	5.93	6.72	0.26	2.14	5.78	54.98
Henderson.....	3.43	1.85	1.82	3.22	4.83	2.50	3.46	0.97	.....	.....	.....	.....	.....
Hgh Bridge.....	5.64	2.62	2.59	3.75	3.80	3.87	5.23	3.69	5.19	0.10	1.51	6.54	44.53
Hopkinsville.....	4.78	2.88	3.01	3.42	5.90	4.76	5.33	4.24	2.22	0.32	2.78	6.49	45.84
Irvington.....	4.53	1.94	2.59	5.70	4.60	3.20	1.76	3.70	4.43	0.36	1.26	4.79	38.75
Jackson.....	3.72	2.59	4.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Junction City.....	6.62	2.84	4.09	4.20	7.00	3.09	2.79	3.82	4.73	0.26	2.02	9.12	50.88
Letchfield.....	5.28	2.07	2.28	6.25	5.26	2.40	0.89	.....	3.30	0.02	1.35	7.00	.....
Lexington.....	5.00	2.60	2.42	3.75	3.04	4.04	2.77	2.28	3.89	0.11	1.32	5.59	36.81
Little Hickman.....	5.43	3.24	2.99	3.17	4.10	4.89	3.23	3.49	4.90	0.00	1.57	5.14	41.55
Lockport.....	4.25	1.73	2.90	2.86	3.17	4.85	2.52	1.07	4.20	0.31	1.12	4.09	33.17
Louisa.....	5.86	2.62	2.98	2.16	4.96	6.08	1.25	3.53	7.72	0.30	1.90	4.72	43.48
Louisville (Weather Bureau).....	4.65	1.46	2.96	3.29	3.51	6.20	1.47	2.60	4.83	0.10	1.00	4.10	36.07
Louisville (No. 2).....	4.89	1.77	2.98	3.81	4.17	5.70	2.42	2.43	3.53	0.15	1.09	5.01	38.25
Marion.....	3.88	2.00	1.82	2.93	5.85	5.26	3.90	5.97	2.03	0.22	2.05	8.90	39.81
Mayfield.....	4.18	2.72	.....	3.22	7.48	3.68	4.58	3.42	2.71	0.80	2.85	6.05	.....
Maysville.....	4.76	3.00	2.82	2.47	3.79	5.17	2.70	3.18	4.63	0.05	1.94	4.26	38.77
Middlesboro.....	6.01	5.10	3.04	4.80	7.16	4.99	3.45	1.33	8.94	0.83	1.75	3.79	56.19
Mount Sterling.....	6.19	3.99	2.73	3.43	4.50	5.47	3.57	2.62	7.71	0.10	2.58	5.73	48.62
Munfordville.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	1.31	7.54	.....
Oliver.....	5.19	2.71	2.31	2.36	4.64	4.21	4.02	2.10	4.41	0.00	1.72	4.10	37.77
Oneonta.....	3.95	2.20	4.31	2.30	4.05	5.31	3.36	4.02	3.54	T.	1.76	3.26	38.06
Owensboro.....	3.48	2.15	2.09	4.14	5.00	4.45	2.30	0.84	2.14	0.10	1.13	4.29	32.11
Paducah.....	4.75	3.64	2.42	3.50	6.75	4.70	5.40	3.10	1.60	0.35	1.85	6.45	44.41
Paducah (near).....	4.05	2.12	1.84	3.09	6.15	7.55	5.30	2.15	1.44	0.18	1.86	4.74	40.47
Pikeville.....	3.62	2.46	4.02	1.96	5.28	5.49	3.47	4.84	8.54	0.46	2.10	4.22	46.46
Pilcher.....	3.59	1.72	2.30	4.92	4.98	4.32	2.09	1.76	4.78	0.04	1.17	4.51	36.18
Princeton.....	4.73	2.05	2.95	4.27	5.17	2.80	5.82	1.75	1.51	0.18	2.11	7.35	41.46
Ravenna.....	4.99	1.70	2.09	1.76	5.29	8.37	4.73	4.08	6.00	T.	2.00	6.22	47.33
Richmond.....	3.33	2.81	3.24	2.75	4.37	5.33	3.43	6.97	5.22	0.20	2.13	6.22	45.55
Rumsey.....	5.05	2.11	2.73	3.47	5.06	3.90	3.66	0.67	3.82	1.26	1.62	4.55	37.90
Russellville.....	5.97	1.86	2.42	3.34	4.71	2.31	5.07	0.72	3.90	0.56	2.02	8.72	41.61
Saint John.....	.....	2.59	2.81	5.71	5.07	3.65	1.88	7.17	2.50	0.47	1.19	6.83	.....
Salvisa.....	5.72	2.79	2.89	3.06	4.76	3.37	4.07	2.01	5.70	0.15	1.44	6.42	42.38
Scott.....	4.38	2.04	4.64	3.66	3.61	5.04	2.38	4.92	2.19	0.13	1.21	3.46	37.56
Sergent.....	3.36	2.63	3.00	2.65	5.20	3.32	3.51	7.05	5.05	0.70	1.73	4.00	42.23
Shelbyville.....	5.05	2.17	2.67	3.89	5.98	3.82	4.20	2.91	3.17	0.43	1.07	5.45	41.02
Taylorville.....	5.02	2.03	3.14	4.02	5.28	5.11	6.38	2.07	5.28	0.22	1.02	5.50	45.17
Tyrone.....	4.58	2.16	2.51	3.70	4.43	4.64	3.67	1.02	2.41	0.36	1.07	6.13	38.98
Valley View.....	4.19	3.71	3.09	4.79	4.44	6.14	2.74	2.66	3.71	0.42	2.07	7.50	45.85
Vanceburg.....	5.29	2.90	3.09	2.66	3.50	2.94	4.44	3.61	5.96	0.13	2.30	3.66	40.47
Williamsburg.....	5.96	3.22	3.42	3.55	5.08	2.47	3.32	1.94	7.70	0.40	2.53	4.80	43.84
Williamstown.....	4.96	2.04	2.62	1.92	2.61	3.24	3.06	2.26	2.78	0.50	1.32	4.29	31.45
Willow.....	6.08	1.85	3.82	1.82	4.90	6.85	4.67	5.48	6.42	0.20	2.74	6.87	51.34
Woodbury.....	4.87	2.69	4.26	4.79	4.84	4.88	3.81	2.03	4.16	0.33	1.78		

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Louisiana—Continued</i>													
Burrwood	7.05	5.06	3.50	10.30	3.02	2.68	1.86	2.23	2.44	0.51	0.60	6.64	45.76
Calhoun	4.53	6.61	4.94		3.82	0.46	0.05	0.26	1.53	T.	0.02		3.57
Cheneyville	8.20	4.43	3.88	5.66	3.10	1.61	0.60	2.57	0.30	0.00	1.15	4.89	36.45
Cinclore	7.95	4.98	3.60	4.71	3.53	3.44	0.57	1.38	0.05	0.01	0.85	4.28	35.33
Clinton	6.34	3.40	2.45	2.65	1.00	5.45	2.05	4.26	0.27	0.04	0.41	5.97	34.29
Covington	7.66	2.78	3.03	2.56	4.02	2.26	3.44	2.59	2.69	0.98	0.03	6.45	38.49
Delhi													
Delta Farms	5.52	7.10	1.49	1.79	6.73	3.66	4.03	1.80	1.00	2.07	0.30	7.90	43.99
Dodson	5.76	5.73	4.28	6.51	6.97	2.05	0.68	3.41	1.07	0.20	0.23	2.85	39.74
Donaldsonville	8.13	4.91	2.47	2.75	4.76	3.19	1.40	3.72	0.41	0.08	0.70	5.85	38.37
Elizabeth													
Franklin	8.19	7.67	2.07	4.37	8.70	6.68	3.22	1.84	0.99	0.00	2.84	4.61	51.18
Franklinton	6.40	4.75	3.20	2.45	2.80		1.66	2.22	2.48	0.00	0.13	6.93	
Grand Cane	4.95	5.38	6.84	5.95	7.15	1.14	0.28	7.86	4.06	0.00	0.70	3.36	47.67
Grand Chenier	8.32	6.85	3.08	4.86									
Grand Coteau	6.60	3.21	3.03	4.63	2.16	2.44	0.26	2.83	0.47	0.00	1.37	4.78	31.83
Hammond	7.48	3.28	3.56				1.55	2.25	2.28	0.45	0.06	6.66	
Homeplace	6.90	6.60	2.47	4.35	7.27	4.54	3.47	5.33	0.65			8.19	
Houma	6.41	6.99	1.63	1.84	5.20	4.49	2.74	3.43	3.97	0.43	0.59	7.15	44.87
Jeanerette	7.50												
Jennings	7.45	4.12	2.50	2.83	1.54	2.89	3.54	1.21	0.78	0.00	1.31	10.59	38.76
Kelly (near)	5.80	4.84	4.42	6.99	5.71	1.65	T.	2.41	0.75	0.00	0.00	4.29	26.86
Lafayette	8.73	4.16	2.13	4.07	2.57	3.97	2.05	2.69	0.67	0.00	1.26	3.81	36.10
Lake Charles	6.81	6.16	3.34	12.24	3.16	4.06	0.96	1.73	1.30	T.	1.22	3.79	44.77
Lakeside													
Logansport	5.78	6.66	5.83	7.31	10.98	1.10	0.00	1.40	1.92	0.00	1.39	4.33	46.70
Ludington	5.44	5.69	4.02	4.44	2.47	1.72	0.40	2.11	2.98	0.06	1.41	4.92	35.66
Melville	8.35	3.90	3.15	2.98	2.12	1.06	0.10	3.00	1.55	0.00	1.00	6.13	33.36
Merryville	4.90	6.64	3.55	8.85									
Mindon	4.41	4.30	5.19	2.97	8.75	0.40	0.50	0.50	1.71	0.20	0.93	3.15	33.01
Monroe	4.87	6.77	4.39	4.49	5.04	0.50	0.04	2.37	1.92	T.	T.	4.41	34.89
Morgan City	7.31	4.72	1.72	3.74	2.95	4.82	3.15	2.38	2.87	0.06	0.91	5.53	40.16
Natchitoches	6.02	6.18	5.66	5.76	5.78	2.88	0.28	1.14	0.90	0.00	0.21	4.43	39.24
Newellton	6.68	3.48	5.28	3.49	4.35	1.56	0.12	0.31	1.62	0.04	0.13	3.36	30.42
New Iberia	8.72	5.36	3.39	3.97	4.87	2.59	1.93	1.82	1.72	T.	1.63	4.36	40.36
New Orleans (Weather Bureau)	6.17	5.53	2.39	3.10	5.96	4.27	2.56	2.26	2.59	T.	0.23	6.72	41.78
New Orleans (No. 2)	5.81	5.37	2.26	2.50	6.73	2.84	0.63	1.05	4.87	0.00	0.25	7.97	40.28
New Orleans (No. 3)	4.74	4.88	1.83	2.20	3.90	3.15	1.58	2.40	2.22	0.00	0.22	6.58	33.70
New Orleans (No. 5)	5.90	5.35	2.07	2.08	6.67	3.27	1.41	2.18	3.58	0.00	0.22	6.39	39.21
New Orleans (No. 6)	5.84	5.46	2.34	3.16	5.71	3.61	2.21	1.82	2.48	0.00	0.22	6.95	39.60
New Orleans (No. 7)	5.52	4.90	1.98	3.75	6.67	4.47	1.69	3.52	2.16	0.03	0.29	6.49	41.47
New Orleans (No. 8)	5.62	5.60	2.18	2.29	6.00	4.28	1.56	2.95	1.78	0.00	0.08	6.20	38.54
Oakdale													
Paradis	3.25	5.90	2.18	3.11	6.42	4.54	4.27	1.13	1.76	0.00	0.30	3.98	36.79
Pearl River	6.56	3.06	2.90	2.81	3.82	4.88	1.98	1.07	2.96	0.07	0.44	4.30	34.84
Plain Dealing	5.67	3.06	3.42	5.03	7.39	1.01	0.04	1.04	1.63	0.09	1.75	4.74	34.87
Reserve	3.55	4.95	2.48			4.01	0.40	2.02	0.97	0.00	0.00		
Robeline	5.25	6.45	3.81	5.80	7.55	3.97	0.17	1.73	1.13	0.00	0.10	2.98	38.64
Ruston	4.04	5.04	4.31	2.92	4.57	1.60		0.00	1.95	T.	T.	4.65	29.28
St. Francisville													
Schriever	5.65	0.45	1.98	2.60	5.80	6.10	1.60	1.77	2.30	0.00	0.80	6.00	39.05
Shreveport	4.24	3.83	4.32	2.87	7.04	1.04	T.	1.66	1.06	T.	0.33	2.28	28.65
Simmesport	6.37	2.65	3.40	3.25									
Stables	5.85	3.50	2.95	5.45	4.90	2.50	2.30	2.95	0.00	0.00	0.90	3.80	35.10
Tallulah								1.18	0.33	T.	T.	3.07	
<i>Maine</i>													
Cornish	4.00	2.10	0.94	6.67	5.42	1.73	2.13						
Eastport	3.62	1.07	1.13	2.29	1.83	1.92	3.29	4.79	2.48	1.14	1.59	2.09	27.24
Eustis	3.03	1.98	1.32	4.25	1.70	2.75	3.18	2.86	4.69	0.65	4.49	1.40	32.00
Farmington	2.80	1.99	0.71	5.45	3.95	1.68	2.89	4.90	5.63	1.14	3.30	2.20	37.04
Gardiner	4.29	2.13	1.29	8.14	5.30	1.57	1.35	4.99	4.14	0.88	3.00	2.00	36.06
Greenville	2.55	2.24	1.36	4.45	4.52	1.75	3.07	2.34	7.39	1.93	4.47	1.84	37.31
Houlton		1.80	1.80	3.70									
Jackman	2.12	1.74	1.15	4.20	3.14	2.09	3.22	3.54	3.94	0.67	3.08	2.56	31.45
Lewiston	4.34	2.88	0.75	5.37	6.12	1.21	2.59	5.25	5.81	0.14	2.41	2.81	39.18
Madison	3.40	2.25	0.93	7.96	4.85	2.12	2.92	4.03	4.99	0.08	1.77	1.69	36.20
Mifflinocket	3.82	2.13	0.92	3.80	3.61	1.41	2.58	3.04	5.08	0.28	3.83	2.24	32.74
Milo	2.35	1.32	0.25	2.42	3.61	1.66	3.05	3.21	3.80	2.28	3.86	1.24	29.05
North Bridgton	4.29	2.26	0.49	4.68	4.90	1.30	2.01	5.11	6.89	0.65	2.90	2.00	37.98
Oldtown	3.24	1.64	1.22	3.81	3.63	2.57	2.31	4.15	3.51	1.07	2.53	2.59	32.27
Orono	4.46	3.07	1.44	3.98	3.03	2.47	1.91	3.69	3.32	1.39	3.59		
Portland	4.50	3.84	0.89	0.48	4.27	1.74	2.42	3.36	4.09	0.09	0.91	2.20	34.79
Presque Isle	1.32	1.40	1.60	3.08	3.03	0.76	2.09	3.07	3.34	0.78	2.52	1.73	24.62
Rumford	3.52	1.92	0.91	5.16	2.64	2.30	4.15	4.89	0.81	0.03	3.65	1.31	40.29
The Forks	1.94	1.46	0.41	4.01	3.25	2.61	3.49	3.07	2.83	0.35	3.35	1.24	28.01
Van Buren	5.58	1.46	1.31	2.59	4.03	2.28	2.90	4.79	2.84	1.00	1.91	1.08	32.87
Winslow	3.16	1.74	0.68	4.50	3.05	2.98	2.08	4.14	3.88	0.15	2.58	2.92	30.97
Woodland	3.92	1.17	0.91	3.91	3.45	2.01	1.44	6.28	3.22	1.67	3.19	2.55	34.43
Wytopitlock	4.38		0.85	3.42	2.61	2.24	2.08	2.84	3.62	0.80	3.15	1.96	
<i>Maryland</i>													
Aberdeen	3.80	3.97	3.13	5.90	4.78	5.34	0.33	2.59	5.99	0.05	1.43	1.68	38.09
Annapolis	3.67	3.81	5.75	5.43	5.97	5.17	2.04	6.15	6.27	0.34	1.29	2.48	48.37
Baltimore	4.33	4.14	6.86	5.89	5.80	5.54	1.90	5.22	6.75	0.05	1.37	2.30	49.04
Bell	3.68	3.61	4.85	5.87	6.25	4.16	2.35	4.67	7.62	0.43	1.55	2.13	47.13
Beyls	3.29	3.57	5.95	4.89	6.22	3.36	0.72	3.04	6.54	0.40	1.52	1.89	40.50
Cambridge	4.11	3.56	4.93	5.34	5.43	5.43	1.21	5.90	7.61	1.78	2.07	2.93	50.30
Cecilton	3.89	4.07	3.70	5.66	6.58	6.28	2.60	3.52	5.76	0.65	2.30	2.62	47.13
Cheltenham	3.92	3.35	5.06	4.91	7.20	6.02	1.67	7.26	6.67	0.62	1.57	2.41	50.68
Chesapeake City	3.16	3.64	3.59	5.63	4.76	6.93	2.72	3.97	5.96	1.12	2.15	2.50	44.83
Chewsville	3.70	3.08	4.16	3.31	5.22	4.5							

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Michigan—Continued</i>													
Calumet.....	4.50	1.10	0.50	1.70	1.24	2.14	3.63	7.97	2.68	1.47	2.19	4.02	33.14
Cassopolis.....	3.06	2.05	2.84	2.55	3.28	7.80	3.14	1.81	3.46	0.88	1.64	3.30	35.81
Ceresco.....	1.62	1.06	1.64	2.29	3.44	6.52	3.06	2.68	3.59	0.78	1.10	3.21	30.99
Charlevoix.....	2.70	2.00	2.20	2.46	3.26	2.88	4.27	4.62	2.59	0.15	3.81	2.40	33.24
Charlotte.....	2.14	1.05	1.26	2.27	3.90	3.75	3.91	0.59	3.18	0.28	1.00	2.24	25.57
Chatnam.....		2.87	2.01		2.97	2.03	3.55	6.46	2.41	0.64	4.03	2.17	
Cheboygan.....	1.96	2.48	2.08	1.27	3.98	1.96	3.63	3.85	2.11	0.87	3.02	3.20	29.79
Chesaning.....			1.44	1.60	3.85								
Coldwater.....	1.88	2.70	2.60	2.70	3.10	6.37	2.30	2.87	2.60	0.48	0.85	3.14	30.29
Coloma.....					4.24	6.55	4.32	3.68	4.57	0.53	1.53	2.59	
Cook's Site.....	1.97	3.40	0.50	1.86	5.42	3.90	2.75	4.89	2.64	2.02	0.29	1.68	31.32
Covert.....								3.97	4.24	0.34	1.79		
Crowell.....				1.60	6.10	3.30	3.40		3.30	0.30			
Croton.....	1.88	1.05	1.90	2.60	3.43	2.09	4.05	4.86	4.06	0.17	1.18	1.17	28.44
Deer Park (near).....	3.50	1.04	1.34	2.05	1.80	1.80	2.30	4.83	1.56	0.78	2.90	4.20	28.10
Detroit.....	2.46	2.06	1.93	1.97	3.11	3.15	0.78	1.71	2.61	0.47	0.60	3.54	24.39
Dimondale.....			2.21	1.45	1.01								
Durand.....		2.30		1.40	5.00	4.79	3.22	3.07	3.02	0.60	0.99	2.11	
Eagle Harbor.....	1.86	0.53	0.34	1.74	0.73	1.57	2.81	2.85	1.05	2.73	1.82	1.32	19.35
East Tawas.....	1.36	2.51	1.30	1.17	5.85	2.74	6.80	1.78	2.64	0.17	0.81	2.16	28.29
Eaton Rapids.....			2.16	2.20	4.51								
Edmore.....					3.99	1.47	4.13	2.52	1.08		1.56	2.29	
Elksp.....	1.81	1.75	1.45	2.20	4.20	3.38	1.25	1.60	2.25	0.40	0.80	2.62	23.81
Escanaba.....	1.86	1.09	1.20	3.03	2.83	1.46	2.76	5.69	2.42	0.07	1.28	0.90	24.59
Ewen.....	1.91	2.18	1.34	2.84	3.40	2.64	3.23	4.13	1.97	0.37	2.77	3.46	30.24
Erie Lake (near).....	1.75	1.50	1.05	2.24	3.95	2.46	4.30	2.81	2.67	0.07	3.98	1.90	28.68
Five Channels.....	1.80		2.86	2.36	2.92	1.14	2.91	3.47	3.43	1.27	0.93	1.70	
Flint (No. 1).....	1.68	2.50	1.40	2.60	5.41	3.67	4.43	2.55	3.60	0.95	0.93	1.95	31.57
Flint (No. 2).....			2.84	3.08	8.89								
Fosters.....			0.88	1.07	3.07								
Frankfort.....	2.02	1.52	0.91	2.63	3.25	2.13	6.10	6.43	2.79	0.41	4.13	2.79	35.41
Ganges.....					3.38	4.60	2.83	4.17	2.99	0.27	2.09	1.96	
Gaylord.....				2.13	4.14	2.63	1.76	3.00	1.07	0.47	3.84		
Grand Haven.....	2.38	2.19	2.40	3.08	6.68	3.06	2.93	4.18	2.25	0.20	1.84		29.45
Grand Ledge (No. 1).....	1.70	1.61	1.15		4.59	3.18	2.05	1.75	2.44	0.30	1.18	6.20	
Grand Ledge (No. 2).....			1.85	2.06	4.59								
Grand Marais.....	5.73	1.78	1.50	3.02	2.50	2.25	1.65	3.36	1.70	0.75	3.05	3.61	31.20
Grand Rapids.....	2.00	1.41	2.08	3.29	3.72	3.18	3.37	2.51	3.48	0.23	1.60	1.66	28.53
Grayling.....	1.72	1.93	1.61	1.92	6.10	2.92	0.24	2.20	3.23	0.27	4.12	2.02	34.28
Greenville.....	1.39	1.64	1.06	2.67	3.22	2.34	5.71	3.51	2.48	0.46	1.43	2.17	28.58
Hamburg.....	1.88	1.39	1.24	1.75	3.32	5.29			2.91	0.28		2.23	
Harbor Beach.....	1.85	1.58	1.13	1.08	5.33	2.16	3.97	1.32	3.01	0.77	0.66	2.09	24.95
Harrison.....		2.22	1.62	1.97	3.02	2.69	3.16	2.99	1.63	0.25	2.06	2.10	
Harrisville.....			1.24	1.42	4.18	2.62	4.38	2.25	2.48	0.33	1.77	1.82	
Hart.....	2.71	2.00	1.67	2.12	2.00	1.41	4.01	6.81	1.82	0.15	2.65	1.94	29.29
Hartford.....					4.97	6.13	1.45	3.32	3.11	0.38	1.72		
Hastings.....	3.06	1.89		3.79	5.86	4.70	4.95	3.19	4.31	0.52	1.67		3.39
Hillsdale.....	2.16	1.99	3.00	2.30	3.39	5.04	2.81	2.56	3.55	0.72	0.84	4.01	32.37
Holland.....	2.48	1.92	2.42	3.02	3.89	4.00	2.73	4.42	3.36	0.46	1.72	1.69	32.10
Houghton.....	3.53	0.61	0.95	1.48	1.62	1.69	3.43	4.24	2.29	1.78	2.32	4.31	28.25
Houghton Lake (near).....	1.26	2.05	0.96	1.78	3.66	2.44	3.37	1.97	2.62	0.21	2.04	1.34	23.70
Howard City.....	2.25			3.05	3.60	1.15	2.06	3.95	2.54	0.25	1.39		
Howell.....	1.78	1.73	1.67	2.23	3.81	5.48				0.20		3.00	
Humboldt.....	1.90	2.20	2.55	1.61	2.30	1.92	3.23	4.50	3.02	0.94	1.60	1.67	27.34
Ionia.....		1.43	2.08	3.03	3.42								
Iron Mountain.....	1.13	0.88	1.30	3.36	4.17	2.25	4.53	6.08	2.35	0.81	1.37	1.40	29.53
Iron River (Pan. Power Co.).....	1.95	1.00	1.50	3.60	2.57	3.54	3.69	5.48	2.11	0.45			
Iron River (near).....	1.12	0.81	1.81	3.24	2.45	2.76	2.57	5.00	1.39	1.00	1.26		
Ironwood.....	1.30	1.36	4.77	7.08	3.68	3.01	4.11	6.12	2.57	2.10	2.20	3.92	41.22
Ishpeming.....	1.75	2.18	0.93	2.38	2.85	1.92	2.70	5.05	2.10	0.59	1.46		34.05
Jackson.....	1.51	2.12	3.30	1.96	4.06	7.03	2.13	1.33	3.02	0.81	0.74	2.88	29.39
Kalamazoo (No. 1).....	2.69	2.87	2.99	3.31	5.17	5.96	3.16	4.08	3.65	0.40	2.97	3.17	40.32
Kalamazoo (Consumers' Power Co.).....	1.71	1.76	2.51	2.93	3.75	6.04	2.89	3.64	3.91	0.48	1.95	3.17	34.74
Kent City.....						1.70	4.07	3.99	2.73				
Lansing.....	1.83	2.13	1.78	2.46	4.20	4.94	2.68	2.01	2.58	0.30	0.89	1.97	27.77
Lapeer.....	1.69	1.78	0.85	1.70	4.78	4.92	2.80	4.08	1.68	0.80		1.65	
Leoni.....	0.60	2.70	1.72	3.60	1.51		5.50	2.46	1.64	2.34	1.75	1.55	
Lowell (No. 1).....	1.83	0.65	1.36	2.79	3.45	3.51	3.21	4.44	2.15	0.40	0.94	2.16	28.89
Lowell (No. 2).....		0.14	1.76	3.40	4.32								
Ludington.....	1.53	2.46	2.06	3.03	1.81	1.14	3.90	6.97	1.35	0.07	2.72	1.62	28.84
Luther.....	1.89	2.79	2.12	2.30	3.26	1.93	5.17	3.61	3.22	0.37	3.37	1.68	31.39
Mackinac Island.....	4.23	1.86	1.24	0.67	1.59	1.01	3.22	4.08	2.56	0.80	1.04	3.21	25.31
Mackinaw.....	2.20	1.99	1.62	0.45	2.17	1.55	3.40	4.19	1.67	0.43	2.70	2.62	24.99
Mancelona.....	3.15	1.25	1.50	1.80	4.70	3.96	3.80	4.10	3.20	0.60	6.70	5.70	40.46
Manistee.....		2.50	1.60	2.12	2.87	2.00	5.10	5.58	2.38	0.10	2.56		
Maple Ridge.....	1.30	0.92	1.40	2.25	4.70	3.00			5.10	1.87	0.85	2.00	1.00
Marquette.....	3.65	2.18	2.80	1.57	3.31	1.36	1.56	4.46	2.42	0.34	2.02	1.53	27.19
Manominee.....	1.85	1.60	1.80	3.16	5.20	2.26	4.38	2.39	1.68	0.08	1.71	1.08	27.69
Midland (No. 1).....	1.95	1.80		1.35	3.49	1.29	5.17	2.88	1.57	0.65	0.95	1.42	
Midland (No. 2).....				1.39	3.71								
Millington.....	1.33	1.36	1.08	0.92	4.94	3.78	5.45	2.43	4.17	0.59	0.80	1.58	28.43
Mio.....	2.30	2.55	1.53	0.99	4.52	1.76	4.63	2.45	2.34	0.25	2.08	2.01	27.45
Monroe.....	2.99	1.84	2.51	2.35	2.34	5.12	3.21	1.42	4.23	0.31	0.59	3.22	29.34
Morand.....	2.49	2.07	2.91	1.40	2.94	6.50	2.19	2.95	3.80	0.26	0.87	3.22	31.60
Mount Clemens.....	2.16	1.27	1.40		3.85	4.36	2.70	2.96	2.94	0.30	0.47	3.59	28.26
Mount Pleasant (No. 1).....				1.28	3.28	1.70	3.90	3.73	1.30	0.28		1.61	
Mount Pleasant (No. 2).....			2.04	1.82	3.62								
Muskegon.....	3.85	1.58	1.73	3.66	2.60	2.11	3.29	4.96	2.82	0.42	3.88	3.07	32.99
Muskegon.....	3.92	2.63	2.17	3.50	2.63	2.21	4.48</						

Monthly and annual precipitation (in inches and hundredths) for 1934—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Michigan—Continued</i>													
Owosso (No. 2)			1.14	2.26	5.13								
Paw Paw					4.83	6.51	1.92	3.45	3.22	0.40	2.50	2.77	
Pekoskey	4.10	1.40	1.00	2.60	2.14	2.45	4.30	4.90	3.50	0.45	5.32	3.70	35.86
Plainwell	2.34	1.40	2.01	3.51	5.74	5.26	2.04	2.73	3.52	0.70	1.55	2.97	33.87
Plymouth	2.20		1.98	1.77	3.55	5.53	5.53	0.84	3.45	0.37	0.73		
Pontiac	1.70	0.80	1.16	2.34	4.27	4.47	2.57	2.98	2.92	0.27	0.41	2.37	26.26
Port Austin	1.91	1.35			5.09	2.13	3.85	1.35	3.05	0.90	0.86	2.32	
Port Huron	1.65	1.62	0.81	1.41	3.51	3.17	3.18	1.74	2.99	0.32	0.68	1.77	22.75
Portland		2.08	1.91	2.47	2.56								
Powers	2.02	0.90	1.68	2.77	2.97	1.94	3.65	7.01	2.94	0.14	2.26		
Rogers	1.65	1.70	0.64	1.55	2.93	1.15	2.81	4.82	3.82	0.14	0.65	1.85	23.71
Roscommon	4.10	1.40	1.00	2.60	2.14	2.45	4.30	4.90	3.50	0.45	5.32	3.70	35.86
Sack Bay	2.61	1.85	2.20	3.28	4.43	2.27	3.58	4.44	2.11	0.10	2.45	2.67	31.99
Saginaw (Weather Bureau)	1.33	2.17	1.11	0.91	3.08	1.79	5.19	3.18	3.15	0.38	0.61	1.82	24.72
Saginaw (Consumers' Power Co.)	1.60	1.75	1.12	2.14	2.85	2.07	5.19	3.43		0.41	0.63		
St. Ignace	4.50	1.85	2.90	0.52	2.25	1.35				0.43	3.05	3.18	
St. James		1.18	1.05	0.48		1.70	1.03	2.29	2.71		2.50	1.35	
St. Joseph	2.52	2.41	2.14	1.80	3.15	6.37	2.97	3.88	2.94	0.12	1.20	3.51	33.01
Sandusky	1.77	1.73	1.22	0.99	6.28	3.15	5.78	1.96	2.82	1.21	0.84	2.67	30.42
Saranac	1.61	1.45	1.87	2.23	3.49	3.24	4.12	4.76	3.05	0.38	0.90	2.39	29.49
Saugatuck					3.84					0.31	3.10		
Sault Ste. Marie	2.71	1.02	0.89	1.59	1.58	1.39	2.26	4.92	1.66	0.28	3.36	2.75	24.51
Seney					3.75	1.76	2.69	4.99	2.16	0.51	1.27	1.32	
Shields				1.28	3.38								
Sidnaw	1.04	1.33	1.42	0.83	2.27	2.95	4.36	5.60	3.31	0.60	1.45	2.07	27.62
Sodus					4.90	6.78	1.50	3.80	3.85	0.94	2.43	2.81	
South Haven	2.35	1.70	2.54	2.47	4.41	4.40	2.04	3.01	3.94	0.31	2.03	3.14	32.94
South Haven (No. 1)					3.47	3.90	1.06	3.51	3.28	0.25	2.18	1.95	
South Haven (No. 2)					4.21	4.23	1.81	3.79	3.53	0.35	3.25	3.64	
Stronach	3.50	3.45	1.18	2.62	3.35	2.45	4.00	6.04	2.22	0.09	3.84	2.97	35.72
Sturgis	1.75	1.46	3.12	2.49	4.42	6.80	4.44	1.97	2.65	0.87	1.12	3.51	34.60
Traverse City	2.80	3.10	1.60	2.68	5.77	2.80	5.61	4.74	2.68	0.25	5.25	2.31	39.59
Trowbridge	2.42	1.32	2.51	3.17	4.89	4.47	1.77	3.59	4.07	0.68	1.47	2.59	32.95
Twin Falls	0.94		1.38	3.82	6.99	2.04	4.35	5.57	1.96	0.48	1.44	0.96	
Vanderbilt	1.94	1.05	1.95	1.39	3.16	2.49	4.91	2.89	2.45	0.27	3.31	1.64	27.45
Vassar			0.60	0.60	3.55								
Victoria	4.34	2.59	0.98	3.20	3.13	2.90	3.51	5.33	3.17	0.20	3.52		
Webber Dam	2.21	0.70	2.35	2.18	3.08	2.52	3.61	2.59	3.79	0.09	0.69	1.92	25.93
West Branch	1.30	1.58	1.37	1.56	4.33	1.75	5.85	1.91	3.20	0.18	1.33	2.65	29.51
Whitesfish Point	3.90	0.60			2.29	1.59	1.06	1.81	4.11	2.05	1.83	4.57	31.09
Williamston			0.82	3.16	4.49								
Ypsilanti	1.89	1.42	1.74	1.88	3.00	3.82	1.10	0.87	3.00	0.19	0.58	2.96	22.50
<i>Minnesota</i>													
Ada	0.06	0.10	0.30	4.21	1.74	1.74	2.62	3.68	2.97	3.04	0.06	0.47	21.33
Ah-gwah-ching	0.29	1.10	1.20	1.42	2.40	3.14	3.91	3.85	3.66	0.95	0.64	0.73	23.29
Albert Lea	0.40	0.75	2.55	0.85	1.77	5.37	1.75	4.61	4.29	0.68	0.28	1.74	25.04
Alexandria	0.00	0.08	0.99	1.92	1.00	5.06	1.82	4.35	4.22	2.20	0.60	0.10	21.74
Angus	0.48	0.24	0.24	4.56	2.06	3.15	1.84	2.62	2.66	2.05	0.16	1.08	21.14
Argyle	0.62	0.28	0.74	5.33	1.63	3.27	3.20	2.72	3.06	2.14	0.29	0.96	24.83
Artichoke Lake	0.04	0.28	0.98	3.42	1.78	5.39	2.70	4.27	3.21	1.16	0.22	0.48	23.98
Baudette	0.45	0.18	0.90	1.08	1.39	2.60	4.25	3.15	3.12	0.68	0.16	0.44	18.26
Beardsley	0.40	0.70	2.10	2.99	1.77	3.37	2.47	3.98	3.10	1.85	0.00	1.38	24.09
Bemidji	0.55	0.65	0.58	1.28	2.74	1.96	2.82	2.63	2.66	2.64	0.19	0.53	19.23
Bird Island	0.25	0.55	2.16	2.10	2.22	2.93	1.58	7.30	4.24	0.02	0.36	0.56	24.47
Brainerd	0.04	0.05	0.55	2.14		6.94	4.71	0.26	3.23	0.70	0.28	0.57	
Campbell	0.12	0.18	0.33	4.58	1.63	4.31	1.75	3.94	4.55	2.44	0.03	0.06	23.92
Canby	0.37	0.77	3.79	2.87	2.60	4.56		3.39	3.00	1.56	0.19	0.93	
Cass Lake	0.14	0.58	0.39	1.22	2.60	1.74	2.70	3.56	2.73	3.14	0.65	0.39	19.84
Centerville	0.35	0.46	2.71	3.22	1.61	3.36	0.91	5.18	3.61	1.22	0.44	0.55	23.72
Chatfield	0.50	0.68	2.90	1.62	1.94	5.38	2.62	6.05	6.29	0.80	0.61	1.80	31.19
Cloquet	0.32	0.98	0.94	3.71	2.64	3.90	6.98	4.17	3.77	1.25	0.86	0.77	30.19
Collegeville	0.19	0.41	2.20	2.40	1.92	6.84	1.57	4.57	3.50	1.04	0.39	1.53	26.26
Crookston	0.34	0.06	0.32	5.10	2.81	1.68	2.94	1.65	3.54	2.24	0.05	0.44	20.77
Detroit	0.22	0.28	0.33	3.90	2.32	4.86	1.71	3.24	3.11	2.15	0.25	0.35	22.87
Duluth	0.25	0.60	0.42	2.95	2.91	3.92	5.87	4.40	3.95	1.63	0.47	0.79	28.17
Fairmont	0.22	0.71	2.46	0.90	1.89	5.18	1.30	7.90	3.62	0.10	0.30	1.70	26.37
Fairbault	0.56	0.68	2.12	0.95	1.66	2.78	2.88	11.15	4.25	0.50	0.42	1.25	29.29
Farmington	0.70	1.50	2.35	2.80	1.00	5.50	2.20	10.55	3.10			1.45	
Fergus Falls	0.32	0.49	0.79	4.18	1.38	4.52	3.33	3.53	3.84	2.33	0.23	0.58	25.30
Fort Ripley	0.28	0.23	0.32	2.43	1.39	3.98	1.96	4.76	2.96	0.59	0.14	0.42	19.41
Fosston	0.04	0.05	0.43	1.81	1.88	3.83	2.89	2.60	3.31	2.00	T.	0.50	19.94
Golden Valley	0.47	0.17	0.57	2.66	1.73	2.74	1.86	1.95	2.15				
Gonvick (near)	0.95	0.08	0.65	1.88	1.43	1.45	1.80	3.49	2.56	3.12	0.40	1.15	18.99
Grand Marais	1.35	1.80	0.80	2.27	1.20	1.60	2.10	1.56	3.55	2.40	0.37	0.46	19.46
Grand Meadow	0.42	0.80	2.93	1.29	2.24	4.05	3.62	7.01	6.31	1.36	0.89	1.64	31.96
Grand Rapids	0.43	0.51	0.36	2.79	2.63	3.11	4.29	3.81	3.28	2.22	0.98	0.11	28.37
Grygja (near)	1.14			0.90	2.04	2.50	1.20	2.05	1.75				
Gull Lake Dam	0.19	0.31	0.41	2.61	1.80	5.53	5.50	7.42	3.40	1.28	0.34	0.51	29.30
Hallock	0.63	0.14	0.38	5.50	0.65	4.84	3.02	2.22	2.42	2.13	0.25	0.41	22.09
International Falls	0.91		0.80		1.10				2.77	0.68	T.	0.55	
Itasca State Park	0.30	0.80	0.45	2.19	2.44	1.90	2.75	2.55	2.21	4.66	1.15	0.75	32.15
Leech Lake Dam	0.34	0.46	0.25	1.51	2.23	1.96	2.76	3.24	3.36	1.21	0.82	0.78	18.94
Little Falls	0.80	0.28	0.47	3.40	0.97	5.16	1.87	6.15	3.25	0.44	0.40	0.96	24.90
Lynd	0.10	0.73	2.83	1.45	3.28	8.16	1.55	6.09	2.26	1.57	0.44	0.97	28.90
Mahnomen								3.85	2.80				
Mankato	0.15	0.29	2.07	1.28	2.02	6.08	1.02	5.80	3.12	0.10	0.59	1.62	24.14
Maple Plain	0.51	0.70	2.40	5.45	1.37	5.57	1.93	10.52	4.00	0.80	0.33	1.27	35.25
Meadowlands	0.29	0.57	0.20	1.67	1.78	5.94	4.43	3.68	4.49	1.31	0.37	0.60	25.58
Milaca	0.10												

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Minnesota—Continued</i>													
Morris.....	0.20	0.38	1.56	2.99	1.29	5.40	1.95	3.75	5.62	1.44	0.25	1.81	26.64
New London.....	0.10	0.44	0.76	3.08	1.23	3.82	2.08	4.06	4.07	1.99	0.20	0.60	22.15
New Ulm.....	0.75	1.05	1.55	1.82	3.43	7.49	4.13	5.24	4.53	0.25	0.40	1.86	32.11
Park Rapids.....	0.20	0.29	0.38	2.02	2.26	4.17	2.50	3.58	3.15	1.32	0.34	0.36	20.57
Pigeon River Bridge.....									2.51	2.63	0.97	0.87	
Pine River Dam.....	0.12	0.24	0.17	2.21	2.12	3.69	4.95	5.75	3.24	1.03	0.66	0.47	24.65
Pipestone.....	0.17	0.75	1.74	1.73	1.84	7.08	2.16	6.29	1.49	1.06	0.40	0.91	25.61
Pokegama Falls.....	0.12	0.43	0.13	1.34	1.60	3.81	3.70	4.12	2.75	2.31	0.39	0.39	21.09
Red Lake.....	0.21	0.14	0.38	2.40	1.85	4.67	2.84	3.60	2.74	1.87	0.39	1.12	22.21
Red Lake Falls.....					2.87	1.83	3.77	1.88	2.23	3.31	0.49	0.64	
Red Wing.....			1.52	2.96	1.78	3.84	3.84	7.20	3.66	1.38	0.96		
Redwood Falls.....	0.45	0.85	1.60	1.61	2.39	3.95	2.37	8.24	3.61	0.44	0.41	1.58	27.60
Rooseau.....	0.98	0.26	0.63	3.77	1.61	5.06	4.88	7.20	6.93	1.60	1.20		
St. Cloud.....	0.16	0.35	0.65	4.26	2.15	1.70	3.78	1.38	2.73	1.52	0.32	0.70	20.63
St. Paul.....	0.97	0.68	2.83	3.32	1.47	7.24	1.73	6.51	3.05	0.76	0.75	1.26	30.57
St. Peter.....	0.46	0.40	1.38	1.39	2.19	5.78	3.75	6.76	3.26	0.46	0.35	1.38	27.56
Sandy Lake Dam.....	0.07	0.32	0.10	2.23	3.08	3.08	4.85	2.59	5.22	0.83	0.53	0.63	23.53
Taylor Falls.....	0.38	0.46	0.69	3.60	2.06	3.80	3.43	4.71	3.90	1.94	0.46	0.97	26.40
Thief River Falls.....	0.45	0.19	0.30	4.14	1.71	2.29	2.36	1.31	2.13	2.72	0.20	0.53	18.33
Tracy.....	0.13	0.43	1.99	1.24	2.67	6.57	2.25	4.32	2.80	1.46	0.43	0.91	25.20
Two Harbors.....	0.32	0.38	0.12	2.79	2.09	4.86	4.01	4.53	5.08	2.22	0.45	0.47	27.32
Virginia.....	0.60	0.62	0.52	2.35	1.13	4.13	3.98	4.53	3.46	2.04	0.63	0.57	24.66
Wadena.....	0.24	0.60	0.41	2.02	1.78	5.22	3.17	5.05	2.93	1.87	0.18	0.45	23.92
Warroad.....	0.79	0.07	0.92	3.15	2.40	2.22	2.83	2.67	2.22	1.35	0.21	0.49	20.32
Waseca.....	0.39	1.19	2.13	0.55	2.30	5.32	2.94	11.39	1.63	0.58	0.65	1.12	33.54
Waskish.....	0.51	0.04	0.65	1.76	1.26	3.20	2.54	2.07	2.49	1.26	0.38	0.49	18.67
Wheaton.....	T.	1.50	0.99	4.25	1.50	3.19	3.16	3.68	2.63	1.70	0.06	0.31	22.97
Willmar.....	0.04	0.28	1.65	2.73	2.17	5.51	1.21	3.95	4.14	0.78	0.19	0.57	23.22
Winnepago.....	0.40	1.20	1.80	1.66	1.72	5.24	0.75	6.07	4.77	0.04	0.58	1.80	26.03
Winnibagoishish.....	0.20	0.30	0.23	2.10	2.07	2.02		3.31	2.94	0.77	0.61	0.45	
Winona.....	0.44	1.07	2.48	2.59	1.78	5.33	2.93	8.41	4.48	1.28	1.01	2.23	34.03
Worthington.....	0.08	0.55	2.07	0.86	0.83	3.73	2.78	4.42	1.83	0.93	0.18	0.94	19.20
Zumbrota.....	0.55	1.00	2.01	2.07	1.61	4.13	4.60	7.61	5.55	1.32	0.82	1.78	33.06
<i>Mississippi</i>													
Aberdeen.....	6.44	4.63	6.48	7.40	4.86	2.56	2.14	1.48	2.49	0.10	0.03	4.90	43.51
Agricultural College.....	7.31	3.98	6.54	8.17	5.82	0.87	1.05	2.68	1.29	0.21	0.00	4.61	42.53
Anguilla.....	6.28	4.43	4.64	3.50	2.66	0.73	0.67	0.42	0.75	T.	0.00	4.28	28.26
Austin.....	4.39	2.91	3.80	6.84	5.22	4.14	1.38	0.83	3.70	0.20	2.72	6.73	42.66
Batesville.....	5.50	3.75	5.05	7.39	6.90	5.61	1.83	1.22	3.97	0.02	1.36	2.59	45.19
Bay St. Louis.....	5.49	5.24	2.92	2.97	4.60	1.44	1.09	3.23	1.12	0.13	0.15	6.27	34.65
Biloxi.....	6.19	6.76	2.31	5.94	3.95	4.99	2.39	1.89	2.63	0.57	0.15	6.69	44.95
Booneville.....	6.37	5.12	2.92	7.72	5.87	5.74	0.91	3.95	1.99	0.03	0.58	3.40	47.10
Brookhaven.....	6.99	2.94	2.82	4.71	4.44	3.93	0.73	1.80	0.82	T.	0.45	6.73	36.36
Canton.....		3.46	4.71	3.34	2.69	1.74	0.62	0.91	0.38	0.18	0.00	4.08	
Clerksdale.....	5.43	3.40	5.23	5.67	8.41	2.70	0.51	0.73	2.67	0.00	1.76	5.10	41.61
Cleveland.....	4.26	4.12	4.23	5.49	5.44	0.67	1.02	0.62	4.98	T.	0.73	3.64	35.20
Collins.....												7.59	
Columbia.....	8.96	4.63	3.55	1.42	3.46	5.11	3.09	1.44	0.97	0.15	0.45	10.38	43.61
Columbus.....	7.47	3.58	6.02	6.07	5.47	2.57	2.38	1.89	1.44	0.31	T.	0.18	43.38
Corinth.....	6.98	4.52	2.86	6.10	6.38	3.84	0.48	6.22	3.20	0.00	1.08		
Crystal Springs.....	6.45	4.29	3.14	4.36	2.61	3.74	0.74	2.10	1.02	0.00	0.27	7.34	36.06
Duck Hill.....	7.20	5.37	5.44	5.17	4.29	1.99	2.24		4.25	T.	0.23	5.90	
Edinburg.....	6.75	4.47	7.16	7.13	2.52	1.94	1.30	0.89	0.68	0.87	0.75	4.98	39.25
Enterprise.....	6.97	6.14	2.53	3.62	3.99	3.45	2.93	0.89	2.56	0.31	0.22	5.38	39.02
Fayette.....	9.22	2.66	3.06	4.97	5.60	3.42	0.62	0.40	0.40	T.	0.27	5.98	36.90
Fruitland Park.....	7.24	3.75	3.15	3.45	4.82	4.59	3.71	1.27	1.77	0.00	0.05	6.70	40.50
Fulton.....	6.05	5.72	5.78	5.11	8.06	9.49	4.60	2.03	1.81	0.00	0.15	6.09	54.90
Greenville.....	5.38	5.57	5.89	7.36	5.22	0.33	0.73	2.83	3.06	0.00	0.48	3.81	40.16
Greenwood.....	6.59	5.40	5.75	6.23	3.90	1.96	2.82	0.85	1.88	0.22	0.47	4.88	40.95
Grenada.....	5.44	5.63	6.07	5.43	4.00	2.99	1.53	2.05	3.05	0.12	0.70	5.24	42.25
Hattiesburg.....	7.39	6.10	3.85	1.93	2.88	5.83	2.44	0.62	1.26	0.36	0.40	8.49	41.05
Hernando.....	3.84	1.53	1.13	5.67	5.01	4.68	2.48	1.26	1.03	T.	2.44	2.71	31.78
Hickory.....	6.51	7.49	2.99	7.28	2.88	3.20	2.13	3.70	1.35	0.44	0.28	8.79	46.83
Holly Bluff.....	6.50	4.31	6.61	6.55	2.77	0.72	1.37	2.83	1.13	0.03	T.	3.56	35.33
Holly Springs.....	5.79	3.56	3.00	5.80	7.96	6.50	1.01	0.78	3.87	T.	2.59	4.52	44.58
Jackson.....	6.53	3.41	4.63	4.68	4.70	3.77	0.21	0.67	1.40	0.00	T.	5.53	35.40
Kosciusko.....	6.53	4.10	6.47	6.13	3.85	1.02	0.45	2.85	2.72	0.41	T.	4.79	39.02
Lake.....	6.64	4.91	2.33	6.64	3.68	2.76	4.66	2.88	2.38	0.95	0.08	7.21	45.02
Laurel.....	7.80	5.57	1.73	3.91	1.73	2.56	3.75	3.45	1.43	0.38	0.13	7.00	39.49
Leakesville.....	7.32	5.21	1.98	2.42	4.21	7.14	1.72	2.82	2.55	0.42	0.69	5.68	41.74
Louisville.....		3.52	7.39	5.94	4.65	1.50	1.85	1.05	1.82	0.35	0.00	4.75	
Macon.....	7.59	4.58	5.61	6.16	2.78	3.10	0.64	1.68	1.94	0.45	T.	6.30	40.83
Magnolia.....	10.88	4.76	2.87	2.29	0.82	5.24	0.26	3.71	0.90	0.09	0.63	7.90	40.45
Meadville.....	7.15		5.80	8.35	4.41	3.40	1.50	1.25		1.00	0.25	4.50	
Meridian.....	6.46	5.16	2.83	6.95	1.33	4.77	2.99	2.18	1.49	0.39	0.17	8.38	48.10
Merrill.....	7.10	4.98	1.90	2.92	4.28	9.36	6.20	4.04	3.39	0.20	0.04	5.29	49.80
Monticello.....	6.87	3.94	4.28	2.94	3.89	2.54	0.15	1.80	2.44	0.00	0.31	6.51	35.57
Moorhead.....	4.76	5.08	4.98	5.15	2.80	0.63	1.52	0.26	2.16	0.10	0.60	6.25	33.60
Natchez.....	7.33	2.98	3.23	3.29	7.75	1.45	T.	1.13	1.15	0.00	0.11	5.83	34.24
Okeana.....	6.48	4.94	5.53	5.46	3.86	3.29	3.97	1.69	1.70	0.00	0.09	6.14	42.15
Pasadena.....	6.00	4.85	2.65	1.89	4.70	2.77	3.43	0.93	0.48	0.17	0.23	6.38	34.48
Pontotoc.....	7.04	5.15	4.07	4.55	10.93	3.82	1.41	3.12	0.68	T.	1.10	1.55	43.35
Poplarville.....		3.41	2.38	2.38	2.98	6.23	0.87	1.43	0.87	0.32	0.05	6.95	
Port Gibson.....	6.32	3.00	4.39	4.83	5.56	2.29	0.75	1.63	0.61	0.17	0.14	5.50	35.09
Rosedale.....	5.12	4.62	4.36	5.46	4.71	1.23	1.44	0.89			1.07		

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Mississippi—Continued</i>													
Walnut Grove						1.00	0.39	1.13	0.36	2.00	T.	4.22	
Water Valley	6.30	4.89	4.37	8.38	9.08	6.30	1.85	1.95	3.00	T.	1.10	7.86	55.63
Waynesboro	7.56	5.22	4.02	4.24	3.70	5.28	3.32	2.48	3.41	0.91	0.35	7.61	48.10
Woodville	7.90	3.75	3.48	3.38	2.67	3.96	0.46	1.08	0.13	0.25	0.55	0.67	34.78
Yazoo City	6.88	4.57	7.01	6.39	1.99	1.33	2.11	0.78	1.84	0.10	0.00	6.13	38.83
<i>Missouri</i>													
Albany	1.00	3.15	1.64			7.42	6.21	3.21	3.29	0.48	0.60	3.40	
Amoret													
Annapolis	1.34	2.68		1.65	4.34	5.99	5.96	4.32	5.17	1.85	2.44	5.28	
Appleton City	1.59	2.85	2.29	2.40	4.46	9.46	8.99	2.37	6.88	1.83	2.13	2.19	47.24
Arcadia	1.56	2.85	3.09	1.14	4.63	4.62	5.92	4.85	5.64	0.88	1.61	3.01	39.80
Ava	1.68	1.01	2.25		5.98	9.79	5.95		5.41	0.54	2.55	5.38	
Avalon	1.19	2.25	3.15	0.90	3.05	9.60	5.09	2.41	4.45	1.45	0.95	2.61	37.10
Bethany	1.22	1.85	3.38	0.97	1.89								
Birchtree	1.54	1.83	2.00	1.94	6.22	5.78	5.53	4.42	2.01	0.00	2.84	2.35	36.46
Bolivar	2.43	1.50	3.54	3.52	5.73	7.65	8.11	7.26	3.86	1.47	2.40	2.19	49.66
Boonville	1.27	1.84	2.05	1.18	4.04	7.15	5.49	2.92	4.55	2.37	1.12	3.02	37.32
Brunswick	1.65	1.34	1.80	1.31	4.04	9.59	6.88	2.43	4.99	2.61	1.11	2.70	40.45
Bunker	1.29	1.32	3.51	1.53	4.22	5.10	3.52	6.94	3.80	0.74	1.99	1.98	35.92
Cape Girardeau	2.63	2.08	1.89	2.21	5.50	6.21	3.96	2.04	1.85	0.15	1.75	3.88	34.18
Caruthersville	4.44	2.77	2.16	2.86	7.93	3.88	2.48	1.00	3.20	0.75	4.11	2.47	
Chillicothe	0.85	1.27	2.27	0.50	2.25	12.16	5.02	2.84	5.34	1.49	1.02		36.04
Clearmont	0.82	1.18	2.80	1.40	1.98	9.40	7.23	4.00	1.43	0.30	0.93	3.29	34.76
Clifton Hill	1.65	1.70	1.66	1.38	3.09	6.19	5.19	2.64	3.55	2.68	1.22	2.67	32.62
Clinton	1.66	2.41	2.39	2.47	6.06	9.76	7.74	3.59	3.81	2.84	1.60	3.33	47.96
Columbia	1.22	1.95	1.81	1.46	5.11	7.72	5.70	3.09	4.99	2.17	1.50	4.76	41.48
Conception	0.50	1.38	2.29	1.00	1.72	10.53	5.44	3.55	3.97	0.51	0.68	2.50	34.07
Concordia	1.13	1.39	1.54	1.80	5.01	7.06	4.34	3.73	5.40	1.53	1.50	2.22	37.56
Dean		2.43	2.36	6.32	4.23		7.31	4.29	5.10	1.55	1.49	3.50	
De Soto	1.76	1.52	3.24	2.70	7.11	5.20	5.36	5.83	3.28	0.32	1.04	2.91	39.95
Dexter	2.99	1.72	2.16	2.17	5.83	8.05	3.64	3.89	1.68	0.07	2.91	3.80	38.50
Doniphan	2.45	2.33	2.94	2.85	5.43	5.21	3.28	2.75	2.10	0.14	1.13	3.53	34.29
Dowling	1.07	2.24	2.66	2.95	8.97	8.97	3.99	7.11	4.03	1.21	0.56	3.01	35.75
Edgerton	0.42	1.34	2.32	0.92	1.64	10.29	3.33	2.77	6.39	0.80	1.11	2.47	33.70
Eldon	1.17	1.88	2.42	2.30	3.35	10.24	5.93	2.13	1.65	1.34	3.14	2.51	38.04
Farmington	1.69	2.19	3.71	3.26	6.15	5.99	5.06	3.48	4.54	0.82	0.51	2.78	40.16
Fayette	1.07	1.40	1.67	1.44	4.10	7.56	3.23	2.46	3.51	1.55	0.84	2.70	31.53
Fredericktown	2.97	1.92	5.58	2.45	4.18	6.75	8.59	3.67	8.92	2.50	2.11	4.46	54.10
Fulton	1.13	2.11	1.72	2.26	6.04	8.66	3.62	3.37	3.72	3.26	2.04	4.96	42.89
Galena	1.20	1.27	2.50	3.38	4.84	9.62	8.15	2.67	7.78	0.20	3.00	3.08	47.78
Gallatin	1.20	1.10	2.60	0.80	2.00	9.89	5.15	2.30	3.70	0.95	1.70	2.03	32.92
Gano	1.26	2.08	3.36	3.67	5.28	6.26	6.79	7.11	5.39	0.52	2.61	5.40	49.73
Goodland	1.48	1.93	4.15	2.75	4.85	4.49	6.44	3.89	3.99	1.51	1.05	2.58	41.11
Gorin	1.33	1.06	2.08	1.28	3.04	7.29	3.27	4.78	2.50	2.70	0.71	2.89	32.93
Grant City	0.92	2.09	2.74	0.79	2.18	9.62	4.72	3.69	2.71	0.61	0.97	2.61	35.56
Greenville	2.16	2.58	1.14	1.77	3.88	5.06	7.01	5.65	3.35	0.00	2.00	4.57	39.17
Hannibal	1.10	1.35	2.57	1.95	3.80	6.38	3.23	2.54	2.02	2.80	1.14	3.36	31.25
Harrisonville	1.36	1.72	1.41	2.31	2.62	5.07	4.50	3.98	4.20	2.06	1.37	2.42	33.02
Hermann	1.07	1.61	2.75	1.85	6.88	10.99	6.12	4.00	3.18	2.11	2.80	3.86	47.32
Hollister	0.80	1.38	3.64	3.30	5.30	6.45	7.20	5.00	5.10	0.20	2.60	4.80	44.77
Jefferson	1.99	2.98	2.50	2.35	4.83	5.84	5.73	3.10	3.08	0.18	2.39	4.18	39.15
Jefferson City	1.61	1.50	2.41	1.79	4.88	5.75	4.41	4.70	3.90	1.90	1.75	4.41	39.01
Jerome	1.28	1.18	2.18	2.33	6.92	8.21	6.17	2.93	5.43	0.55	2.40	4.90	44.48
Joplin	1.44	2.59	1.88	3.05	8.68	5.19	5.55	8.11	6.26	0.46	1.90	2.75	47.86
Kansas City	1.20	1.16	2.08	1.38	3.60	7.87	3.41	3.12	4.68	1.01	1.16	2.76	33.43
Kidder	0.74	1.78	3.10	0.43	2.29	12.38	4.67	4.14	4.97	1.28	1.82	2.24	39.89
Kirksville	0.96	1.70	3.11	0.56	2.53	7.69	2.14	6.84	1.85	1.05	0.60	2.64	30.57
Koshkonong	2.01	2.66	2.89	3.99	4.08	7.44	3.16	7.93	3.73	0.26	1.92	4.32	44.89
Lamar	1.73	3.06	1.92	2.95	7.61	5.78	8.75	5.02	4.89	1.96	3.14	3.77	50.22
Lamonte	1.82	2.65	2.60	1.34	3.71	8.31	4.72	2.89	3.79	2.29	1.10	2.76	38.51
Lebanon	2.99	2.73	2.84	3.39	5.67	6.81	4.80	0.51	4.70	0.55	2.31	2.90	49.00
Leeper	1.30	1.79	1.37	1.95	4.45	2.59	0.31	4.92					
Lexington	1.28	1.78	2.09	1.57	4.58	8.05	8.29	5.27	5.63	2.22	1.32	2.18	44.36
Liberty	1.43								3.77	1.35			
Lockwood	1.26	1.50	2.17	3.31	6.74	9.54	10.72	7.76	3.39	1.83	2.48	3.79	54.55
Louisiana	1.18	2.33	4.31	2.42	5.34	5.20	4.65	5.07	2.94	2.07	3.71	4.11	41.29
Lucerne	0.75	0.79	2.13	1.03	1.79	9.62	3.92	4.21	2.18	1.18	1.10	2.16	30.86
Luray	1.03	0.85											
Mason	1.19	1.66	2.82	1.11	3.26	7.03	3.18	4.62	3.36	2.86	1.30	6.07	36.55
Marble Hill	2.99	2.08	3.17	1.75	5.90	8.12	4.72	2.79	1.86	0.40	2.22	4.11	41.71
Marshall	2.54	1.98	1.88	1.16	5.30	8.16	4.78	3.85	4.24	1.80	1.56	2.06	39.21
Maryville	0.23	1.78	1.63	1.11	1.61	13.53	5.15	1.66	1.65	0.07	0.78	2.72	31.22
Mexico	1.43	1.83	2.36	2.51	5.28	6.38	3.29	2.22	4.05	2.66	1.19	5.10	38.50
Milan	1.30	1.00	1.97	0.82	2.47	7.31	2.96	5.92	2.13	1.28	0.89	2.40	39.11
Mineral Point		1.04											
Mountain Grove	1.06	0.80	2.37	3.18	6.81	6.17	6.94	7.22	3.83	0.51	1.68	6.70	46.22
Neosho	1.83	2.07	2.31	4.22	6.31	5.15	7.80	5.20	5.18	1.86	2.91	2.90	47.16
Nevada	2.84	2.08	2.05	3.36	6.76	6.45	7.52	4.67	4.15	1.32	2.86	3.00	47.06
New Madrid	3.85	2.29	2.30	3.09	5.46	4.62	14.52	3.83	1.67	0.10	2.16	5.04	49.93
Oregon	0.66	1.54	2.42	1.00	2.52	8.07	3.31	4.23	4.42	0.58	0.96	2.83	32.44
Osceola	2.06	3.38	3.03	2.99	5.07	5.62	6.58	3.52	3.52	2.38	2.74	3.19	44.06
Owensville	1.22	2.50	4.73	2.50	6.96	6.87	8.00	2.81	4.88	1.66	2.16	3.10	44.18
Ozark Beach													
Pacific	1.99	1.54	2.87	1.70	8.21	8.85	4.14	3.39	2.31	0.47	1.83	4.84	38.64
Palmira													
Parma	2.88	1.94	2.94	1.97	5.10	6.62	8.57	2.73	2.37	6.16	2.63	5.47	49.99
Patton (near)	2.17	2.07	2.15	1.97	5.05	6.63	3.65	2.94	3.87	0.45	1.25	4.06	39.49

PRECIPITATION, 1924

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Missouri—Continued</i>													
Seligman	1.33	1.52	3.41	4.31	2.50	8.07	7.08	4.72	5.48	1.95	2.98	3.27	45.62
Seymour (near)	1.13	0.60	3.07	2.50	4.64	10.71	5.98	4.27	4.58	0.73	2.34	5.08	45.63
Shelbina	1.10					5.52	3.18	3.47	2.79	1.98	0.84	2.55	
Springfield	1.50	1.23	2.77	3.22	6.02	7.61	5.92	5.97	4.12	0.85	1.71	4.21	45.13
Steelville	1.48	2.37	2.72	2.59	8.07	4.71	4.67	4.48	3.30	0.55	1.51	4.89	41.24
Steffenville	1.69	1.50	4.35	1.90	2.84	6.96	3.38	3.85	2.92	1.48	0.77	3.64	36.28
Stover	1.47	1.98	1.96	1.29	5.09	6.05	5.14	3.00	2.34	4.17	1.85	4.01	39.23
Tarkio	0.24	1.26	3.34	1.23	3.34	10.02	5.34	3.36	1.79	0.27	0.57	2.16	31.19
Trenton	1.16	1.53	3.09	2.21	3.34	9.77	5.54	3.13	2.67	1.26	1.14	2.69	36.53
Tuscumbia	1.74	1.63	2.34	3.41	5.09	8.22	4.77	2.67	2.93	1.17	3.12	3.96	41.06
Union	1.36	1.94	2.85	2.61	6.57	7.70	4.86	5.59	3.71	0.46	2.05	5.25	44.95
Unionville	1.10	1.70	2.27	1.05	2.60	10.64	4.25	4.45	2.10	1.40	1.39	2.90	35.85
Valley Park	1.18	1.60	2.49	1.92	6.88	8.31	3.31	4.53	2.60	0.63	1.82	4.89	40.16
Vanduser	2.02		2.28	2.34	4.85	2.78	5.62	2.25	2.93	0.09	2.69	1.46	
Warrensburg	1.56	1.59	1.76	1.62	3.08	11.23	7.95	0.99	3.44	1.13	1.73	1.84	37.92
Warrenton	1.25	1.76	2.02	1.22	5.58	7.10	5.05	2.32	3.24	2.54	2.87	4.72	39.77
Warsaw	2.98	2.91	2.52	2.36	7.10	12.61	7.42	3.15	4.34	2.81	1.31	4.37	53.88
Waverly	1.57	1.97	1.96	1.24	4.73	7.26	4.85	5.73	6.32	1.94	1.02	3.12	41.71
Williamsville	2.01	2.15	2.14	1.98	4.88	4.85	5.26	5.69	3.56	0.15	1.99	4.89	39.55
Willow Springs	1.79	1.78	2.38	2.63	6.37	5.75	5.87	6.36	3.82	1.09	2.23	3.67	43.74
<i>Montana</i>													
Adel	2.27	1.17	7.15	2.17	2.63	3.68	1.47	1.45	2.44	2.77	1.65	0.89	29.74
Agricultural College	1.82	1.46	1.71	2.52	1.90	1.46	1.95	0.20	2.59	1.82	2.37	0.54	20.94
Anaconda	0.65	0.32	1.38	1.44	0.94	0.82	2.09	0.27	1.24	0.32	3.54	0.63	13.21
Angusta	0.44	0.24	1.51	0.68	0.93	2.11	1.08	0.51	0.62	0.57	0.92	0.45	9.43
Babb	0.65	0.43	2.48	1.38	1.38	7.98	1.07	3.95	0.84	0.74	1.59	1.33	28.97
Baker													
Ballantine	0.18	0.35	1.92	0.79	1.43	2.58	1.88	0.41	0.30	1.10	0.30	0.71	11.45
Barthelme Ranch													
Belton	2.86	3.71	0.96	0.37	0.45	1.57	1.67	0.22	0.84	0.89	0.47	0.51	
Biddle	0.41	0.91	1.16	1.20	0.62	1.70	2.73	0.13	0.51	1.82	0.60	0.52	12.51
Big Ox	0.68	0.60	1.60	0.24	0.70	0.65	0.86	0.87	0.29	0.81	1.33	0.40	9.03
Big Sandy	0.24	0.93	0.25	0.75	0.69	3.65	0.54	0.42	1.82	0.50	0.46	0.89	11.14
Big Timber													
Billings	0.31	0.29	1.91	0.59	2.05	1.74	1.96	0.12	0.48	1.26	0.21	0.52	11.74
Bremer	0.46	0.15	1.01	0.30	0.11	0.21	0.41	0.06	0.82	0.91	0.42	0.66	5.52
Bridger	0.18	0.26	1.57	0.67	0.53	0.69	1.27	0.70	1.06	1.35	1.12		
Broadus	0.54	1.33	1.05	1.54	0.56	1.84	2.42	0.21	1.05	1.33			
Browning	0.40	0.24	0.81	0.25	0.44	6.35	1.01	3.10	0.42	0.41	1.40		
Busby	0.52	1.04	1.00	1.35	2.33	1.48	0.88	0.12	1.53	1.72	0.25	0.88	13.08
Busteed	0.60	0.26	1.52	1.11	0.91	1.76	3.03	0.36	0.20	1.34	0.43	0.60	12.12
Butte	0.62	0.78	1.30	0.39	0.66	0.70	1.37	0.25	0.71	0.74	1.24	0.43	9.19
Canyon Ferry	0.36	0.28	1.09	0.87	1.23	0.72	0.27	0.38	1.21	0.76	0.50	0.94	8.11
Carter	0.20	0.23	0.33	0.43	0.45	2.66	0.95	2.08	1.10	0.75	0.91	0.67	10.76
Cascade	0.55	0.37	1.76	0.59	0.76	2.87	0.71	1.19	0.97	2.06	1.23	1.22	14.28
Chinook	0.59	0.32	0.96	1.21	1.02	5.16	1.23	0.58	1.12	0.39	0.53	0.88	13.99
Choteau	0.28	0.16	0.50	0.48	0.30	2.21	0.88	0.71	1.22	0.24	0.47	0.23	7.68
Columbia Falls	1.57	1.08	0.92	0.46	0.53	5.28	0.59	1.36	1.29	1.70	2.67	3.00	20.75
Conrad	0.40	0.19	0.92	0.53	0.39	4.36	0.55	1.96	0.50	1.09	1.10	1.10	12.20
Copper	0.63	0.46	1.21	1.51	0.98	1.41	0.99	0.39	1.38	1.71	0.98	0.80	12.45
Crow Agency	0.73	1.05	3.41	0.64	1.95	3.18	2.25	0.00	0.52	1.95	0.00	1.55	17.23
Culbertson	0.08	0.30	0.32	1.03	1.16	3.52	1.59	1.23	0.53	1.56	0.12	0.32	11.76
Cut Bank	0.78	0.51	0.55	0.61	0.26	6.41	0.58	1.89	0.68	0.17	0.46	1.46	14.36
Dayton	0.83	1.01	1.14	0.27	0.25	2.88	1.17	1.26	0.47	0.74	2.05	1.37	13.44
Deer Lodge	0.56	0.27	0.73	0.59	1.04								
Denton	0.58	0.61	1.36	0.71	1.48	4.90	0.53	0.98	1.48		0.20	0.89	
Dillon	0.62	0.48	3.40	0.62	0.53	1.28	1.98	0.51	1.85	0.59	0.29	1.36	13.51
Dry Land Experiment Station													
Dunkirk	0.28	0.08	0.28	0.53	0.32	3.19	0.47	1.92	0.80	0.44	0.56	0.54	9.41
East Anaconda	0.53	0.94	1.41	0.74	0.50	0.75	2.04	0.24	0.83	0.45	0.92	0.53	9.88
Ekala	0.20	0.54	0.60		0.81	1.22	0.80	0.55	0.36	2.74	0.31	0.34	14.70
Ennis				1.40		0.60	2.30	0.54	1.90	1.90			
Eureka				0.94	0.37	2.40	0.89	1.03	1.11	1.14	2.42	2.03	
Findon	0.92	0.18	1.39	1.43	0.82	1.77	1.31	0.95	1.54	1.34	0.78	1.24	13.67
Flethead Creek	0.61	0.99	1.23	1.17	0.99	0.75	0.88	0.07	0.90	1.44	1.23	0.50	19.76
Flatwillow	0.25	0.58	0.81	0.95	1.60	4.11	0.67	1.12	0.21	1.04	0.22	0.73	12.29
Forsyth	0.20	1.50	1.38	0.08	1.07	3.54	0.15	0.60	0.05	0.96	0.30		
Fortune	1.70	0.86	0.64	0.27	0.74	2.84	0.71	1.04	1.16	1.11	3.12	2.42	16.51
Fort Shaw	0.74	0.20	0.50	0.15	0.55	1.91	1.09	0.74	0.75	0.53	0.43	0.16	7.75
Foster	0.13	3.22	0.87	0.89	0.71	1.16	1.85	0.16	0.94	1.22	0.05	0.39	11.11
Fraser	0.12	0.80	0.86	0.72	1.11	5.21	0.72	1.46	0.29	2.48	0.10	0.68	14.56
Garland	0.42	0.78	0.55	0.93	1.96	1.74	1.23	0.37	0.49	1.06	0.62	1.13	10.60
Geraldine	0.49	0.25	1.21	0.58	0.33	3.27	0.50	1.25	1.91	0.28	0.52	0.55	12.04
Glasgow	0.34	0.51	0.22	1.09	1.90	4.84	1.01	3.10	0.46	3.41	0.32	1.06	18.28
Glendive	0.06	0.55	1.12	1.44	0.85	4.34	1.42	0.51	0.17	2.06	0.27	0.61	13.49
Goldbutte	0.35	0.06	0.54	0.37	0.14	3.37	0.93	2.15	0.27	0.16	0.55	0.73	9.82
Great Falls	0.54	0.63	0.58	0.78	1.07	4.12	0.93	0.53	2.37	0.73	0.67	0.89	14.09
Hamilton													
Harlem	0.38	0.23	1.10	0.98	1.66	4.15	0.97	0.81	0.71	0.74	0.13		
Hangan	2.47	3.09	1.19	1.11	0.11	1.52	0.81	1.08	1.22	1.97	6.35	2.89	23.81
Havre	0.48	0.43	1.01	1.00	0.78	5.76	0.70	1.39	0.64	0.40	0.67	1.10	14.45
Hays	0.23	0.53	1.56	0.76	1.49	1.63	1.28	2.60	0.90	1.35	0.31	1.21	13.75
Hobgen Dam	2.18	2.38	2.27	0.91	1.00	1.00	3.22	0.91	2.78	2.58	2.62	2.76	24.61
Holena	0.48	0.45	1.02	0.50	0.87	1.14	0.39	0.25	1.15	0.76	0.94	0.61	8.96
Holena Valley	0.18	0.06		0.30	0.82	0.77	0.91	0.34	0.74	0.74	0.27	0.22	
Horseshoe Ranch													
Huron	2.95	3.32	1.91	1.17	0.21	1.52	0.85	1.05	1.17	3.55	5.06	2.04	28.21
Highwood	0.61	1.20	2.13	1.42	1.31	3.96	0.90	0.81	2.42				

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Montana—Continued</i>													
Knowlton	0.64	0.85	1.26	1.79	0.58			0.25	1.17	1.90	0.20	1.01	
Lewistown		0.65	1.82		1.25	3.73	1.45	1.03	1.57	1.80	0.23	0.90	
Libby	1.10	1.43	1.38	0.30	0.40	1.23	0.31	1.20	0.54	1.53	2.83	2.12	14.37
Livingston	0.26	0.66	2.00	1.89	1.18	1.35	3.16	0.43	1.76	2.19	0.96	1.07	16.91
Lonepine					0.82	1.56	0.65	0.95	0.10	0.30	1.88	0.40	
Lothair	0.23	0.08	0.31	0.23	0.36	2.98	0.73	1.71	0.51	0.16	1.04	0.83	9.22
Lustre		0.79	0.43	0.95	0.75	4.19	2.28	1.36	0.13	1.76	0.32	0.90	
Lytle	0.40	0.57	1.20	0.57	0.28	3.06	0.51	2.09	0.64	0.54	1.04	1.29	12.19
Malta	0.32	0.29	0.79	0.64	1.38	4.62	1.08	1.21	1.10	1.73	0.21	0.98	14.35
Medicine Lake	0.03	0.23	0.68	0.77	1.06	4.81	1.28						
Milfred	0.40	0.84	0.44	1.44	0.25	2.87	0.53	1.81	0.67	2.25	T.	0.19	11.77
Miles City	0.35	0.91	1.00	1.31	0.34	1.72	0.39	0.66	0.15	1.21	0.25	0.74	9.84
Minneka	0.31	0.11	0.61	0.19	0.47	4.71	0.32	0.96	0.10	0.66	1.21	1.31	10.96
Mission	0.51	0.70	1.31	0.28	0.77	1.24	0.58	0.75	0.51	1.21	2.16	0.78	10.78
Mystic Lake								1.98	1.63	2.90	0.46	0.84	
Norris	0.45	0.97	1.97	1.47	1.72	1.07	1.85	0.21	3.36	1.69	0.96	0.32	16.05
Nye									0.69	2.18			
Outlook	0.25	1.74	0.69	0.92	0.66	2.85	1.17	1.76	1.13	[0.94]	0.75	0.44	12.69
Ovando	1.02		0.82	0.33	0.29	0.59		0.39					
Paxton	0.10	0.23	0.43	0.72	0.67	4.19	0.66	2.48	0.29	2.82	0.19	0.48	13.26
Phillipsburg	0.50	0.71	1.34	0.53	1.27	1.53	1.82	0.57	0.51	0.64	0.87	0.71	11.00
Pinegrove	0.88	0.66	2.91	0.36		4.39	0.57	0.91					
Pipestone Dam	0.43	0.51	1.30	0.38	0.36	0.35	1.56	0.35	0.60	0.80	0.76	0.37	7.82
Plains	0.29	0.67	0.79	0.80	0.34	1.86	0.43	0.76	0.31		2.87	1.90	
Pleasant Valley	1.19	0.89	1.39	0.34	0.55	1.94	0.71	0.78	0.77	0.98	1.79	1.79	14.37
Plevna	0.11	0.86	0.78	1.61	0.47	3.31	1.75	0.83	0.31	2.16	0.19	0.69	13.87
Poplar											0.82	0.11	0.46
Red Lodge	1.52	0.40	2.25	1.52	1.93	3.09	1.97	1.10	1.47	1.46	1.09	0.69	18.49
Renova	0.22	0.44	0.46	0.88	0.54	0.64	0.87	0.28	1.23	0.99	0.53	0.30	7.38
Rock Springs	0.72	0.97		0.90	0.82	3.39	0.31	1.26	0.31	1.16	0.68	0.97	
Roy			2.70	0.84	2.17	5.56	1.59	1.48	0.61				
Saint Ignatius	0.59	1.10	1.82	0.95	0.87	2.90	0.90	1.03	0.60	0.65	1.89	1.16	14.26
Savage	0.00	0.27	0.63	1.30	0.70	3.97	2.41	1.24	0.25	1.98	0.29	0.26	12.21
Scobey	0.06		0.79	1.00	0.80	3.94		2.53	0.26	1.11	0.25	0.30	
Sentinel Butte Pass	0.34	0.47	0.68		1.80	4.33	0.72	2.34	0.58	2.10	0.35	0.92	
Sioux Pass											0.13	0.28	
Snowbelt	0.35	0.54	1.48	0.92	1.93	4.85	0.62	1.91	0.44	2.15	0.49	1.14	16.82
Springbrook	0.29	0.59	1.81	0.83	0.96	4.94	1.17	5.04	0.36	2.25	0.72	1.97	20.83
Stevensville	0.29	0.57	0.70	0.32	0.35	1.15	1.01	0.32	0.65	0.71	1.50	0.26	7.88
Sula						0.71		0.20					
Sun River Canyon	0.80	0.88	2.14	0.40			1.88	0.74		0.54	1.05	0.75	
Sunset Orchard	T.	T.	1.32	0.08	0.16	0.53	1.52	0.25	0.62	0.20	2.19	T.	6.87
Superior	0.72	1.13	0.86	0.73	0.30	1.86	0.85	1.52	0.57	0.94	3.17	1.21	13.86
Thompson Falls	1.26	1.92	1.05	0.90	0.28	1.96	0.82	1.78	0.82	1.50	2.56	1.47	16.84
Three Forks		0.62	0.80	1.65	0.70	1.24	1.19	0.08	1.96	0.89		0.49	
Trout Creek	2.97	3.71	1.27	1.05	0.74	1.58	1.23	0.57	0.91	2.18	4.74	4.14	25.00
Upper Yaak River	1.35	2.20	0.71	0.43	0.46	1.94	0.88	1.14	0.94	2.08	3.76	1.90	17.79
Utica	0.76	0.35	1.76	0.88	1.46	2.65	1.28	0.69	1.47	0.40	0.18	0.62	12.45
Valentine	0.21	0.27	0.64	0.68	0.28	3.55	0.77	1.15	0.66	0.81	0.69	0.72	10.98
Valer	0.45	0.17	0.82	0.56	0.30	4.98	0.61	2.39	0.57	0.81	0.77	1.26	12.90
Victor	0.22	0.74	0.63	0.67	0.37	0.51	1.01	0.25	0.81	0.67	3.18	0.74	9.70
Virginia City	0.50	0.41	1.19	0.90	0.63	0.72	1.86	0.45	2.13	1.44	0.21	0.30	10.34
Wheaton	0.45	0.96	2.85	1.26	1.94	2.99	1.11	1.11	0.24	0.72	0.88	0.99	16.48
White Sulphur Springs	0.72	0.94	1.36	0.56	1.00	1.20	0.95	T.	0.30	0.75			
White Water	0.48	0.40	0.97	0.68	1.05	5.88	1.89	1.49	1.14	1.91	0.40	0.68	17.55
Willcox	0.20		0.32	0.86	0.94	4.58	2.37	0.70	1.06		0.24		
Willow Creek Reservoir	0.73		1.47	0.86	0.35	2.01	1.00	0.53	0.33	1.29	0.78		
Winifred	0.27	0.11	0.70	0.83	1.48	5.08	0.46	1.23	1.77	0.78	0.50	0.73	14.03
<i>Nebraska</i>													
Ainsworth	0.60	2.70	2.16	0.15	0.75	7.46	2.80	2.54	1.34	1.02	0.40	2.26	24.29
Albion	T.	1.00	2.80	0.85	1.26	7.63	7.32	6.40	2.50	1.02	0.10	2.26	32.72
Allamore								0.54					
Alma	0.03	0.26	1.77	0.35	2.44	1.10	2.29	3.20	2.20	0.22	T.	0.78	14.64
Areadia	0.30	1.03	1.04	0.23	1.70	5.73	6.18	1.58	1.83	0.59	0.10	1.79	22.10
Arden (near)	0.33	2.42	2.13	1.02	1.96	7.90	4.59	1.18	1.71	0.58	0.40	2.48	26.19
Ashland	0.38	0.96	1.20	0.33	1.94	5.48	5.78	1.17	2.18	0.79	0.31	1.36	21.78
Atkinson	T.	1.10	1.52	0.28	0.96	6.03	3.94	1.50	2.34	0.42	0.05	1.43	19.57
Auburn	0.91	1.58	3.01	0.55	1.57	5.06	4.64	3.24	0.38	0.11	1.22	3.76	26.03
Aurora	0.40	1.06	2.02	0.77	2.90	4.33	5.55	4.53	1.76		0.00	2.12	
Baestroe	0.96	0.61	2.73	2.62	1.22	3.89	4.04	1.37	0.80	0.15	0.57	1.58	20.88
Beaver City	0.26	0.44	2.49	0.57	2.18	1.04	4.67	2.41	3.22	1.13	0.20	3.98	23.59
Benkelman	0.41	0.99	1.28	0.15	1.98	0.83	6.36	1.42	2.69	1.16	0.34	2.44	31.44
Bertrand	0.30	0.17	1.26	0.13	1.77	1.68	5.79	3.17	3.45	0.43	0.67	2.70	30.92
Bingham				0.17	1.68	2.83	2.01	2.12	1.44	1.29	0.10	0.94	
Blair	0.49	1.12	2.68	0.31	1.68	10.35	2.47	5.33	5.33	0.89	0.06	2.35	33.45
Bradshaw	0.14	0.61	2.37	1.39	2.32	5.17	6.68	3.30	2.89	0.22	T.	2.14	28.98
Brewster	0.46	1.15	2.09	0.43	0.78	4.69	3.71	2.24	1.37	1.23			
Bridgport	0.35	0.45	1.40	1.39	1.94	2.90	0.86	1.38	2.41	1.66	0.26	3.00	18.00
Broken Bow	0.15	0.61	1.23	0.40	2.55	4.72	5.18	2.15	1.82	0.77	0.04	2.80	22.20
Bruning	0.33	0.34	2.41	1.37	2.62	3.72	3.96	2.41	0.94	0.30	0.46	1.18	18.68
Burwell	0.10	1.05	0.92	0.16	2.10	3.92	3.04	3.23	1.33	0.65	0.10	1.83	18.96
Butte	0.19	1.65	1.44	0.86	1.21	5.02	1.11	3.81	2.60	0.99	0.26	2.05	20.79
Cairo	0.50	0.85	2.03	0.24	2.47	4.48	8.66	1.88	1.79	0.47	0.05	3.58	26.93
Cambridge								3.36	3.24	1.12	0.20	2.09	
Central City	0.23	0.64	1.86	0.77	2.48	6.07	3.05	3.12	2.62	0.56	0.01	2.18	26.60
Chadron	0.67	1.29	0.94	0.49	2.82	1.90	0.69	0.58	1.95	2.39	0.50	1.13	14.74
Chadron (near)	T.	1.04			1.56	1.40	0.97	1.09	2.68	1.14	0.33	0.45	
Clay Center	0.45	0.10	2.60	0.91	2.23	4.79	4.39	2.51	1.89	0.27	T.	0.95	21.45
Columbus	0.23	0.58	2.48	1.13	2.22	10.96	6.39	2.65	1.80	0.42</			

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Nebraska—Continued</i>													
Dumas	0.12	0.68	1.25	0.52	0.57	5.82	2.45	1.08	1.65	0.40	0.22	1.70	16.46
Elm Creek				0.21	1.47	2.34	4.65	1.40	1.92				
Elsie	0.36	0.33	1.25	0.20	2.60	0.97	4.27	0.54	3.84	2.35	0.20	1.41	18.32
Erlson (near)	0.24	0.60	0.85	0.35	1.28	3.06	2.71	1.97	1.51	0.50	0.05	0.93	14.05
Ewing	T.	1.19	0.74	1.19	1.08	6.47	2.71	1.22	1.61	1.00	T.	1.10	18.31
Fairbury	0.87	0.74	2.46	2.20	3.10	4.45	3.88	2.86	0.78	0.91	0.69	1.75	24.69
Fairmont	0.70	0.68	2.40	1.29	2.70	3.53	8.20	2.24	1.64	0.40	0.16	1.85	26.80
Falls City	0.90						3.00	2.71	2.16	0.59	0.85	2.26	
Firth		0.10		1.86	1.10	2.89	4.57						
Fort Robinson	0.21	0.96	0.81	0.46	1.82	1.67	3.03	0.88	1.53	1.85	0.78	1.08	16.08
Franklin	0.55	0.15	3.60	0.30	2.53	1.04	2.56	2.70	1.46	0.97	0.05	1.49	17.40
Fremont	0.18	1.28	1.88	1.78	2.22	8.63	4.96	3.28	2.86	1.38	0.03	1.63	30.11
Fullerton	0.17	0.59	2.60	1.12	1.64	8.50	5.97	4.14	2.71	0.63	T.	2.32	30.39
Geneva	0.91	0.69	2.22	0.99	2.50	3.21	4.70	2.13	1.61	0.43	0.28	2.00	21.62
Genoa	0.12	1.01	1.78	1.33	1.30	8.79	7.78	5.90	2.92	0.27	T.	2.49	33.69
Gordon	0.33	0.06	2.07	0.63	0.88	3.87	1.08	1.14	0.98	1.41	0.62	1.07	14.84
Gosper	0.15	0.58	1.69	0.12	2.47	0.92	5.56	1.88	2.55	1.34	0.04	1.73	18.73
Gothenburg	0.11	0.36	1.21	0.17	2.36	4.54	1.97	0.88	1.90	0.89	0.16	2.11	16.66
Grand Island	0.26	0.59	3.00	0.63	2.36	4.57	7.83	2.32	1.26	0.66	0.05	2.31	25.94
Greely		0.30	3.78	0.50	1.90	5.20	6.75	3.65	1.85	0.65			
Guide Rock	0.55	0.30	3.78	0.73	2.23	1.56	3.99	1.58	1.21	0.26	0.32	1.73	15.35
Haigler		0.60	1.58	0.10	1.51	0.85	3.32	1.52	1.84	2.90	0.20	1.57	
Halsey	0.34	0.51	0.95	0.49	0.60	3.36	3.80	1.98	1.42	1.11	T.	1.80	16.37
Harrison	0.09	0.29	0.71	0.60	1.28	0.38	3.36	0.55	1.30	1.97	0.58	1.25	12.36
Hartington	0.31	1.35	2.02	1.49	1.82	6.93	2.35	3.40	2.48	0.64	0.20	2.35	25.34
Hastings	0.43	0.42		2.09	2.66	6.10		3.05	3.22	0.31	T.	1.61	
Hayes Center	0.70	0.75	2.67	1.08	2.71	1.03		0.57	3.36	2.43	0.40	3.37	
Hay Springs	0.65	1.93	2.50	0.87	0.79	2.81	2.23	0.74	2.04	2.53	1.32	1.45	19.86
Hebron	0.80	T.	3.00	1.25	2.45	2.20	4.40	1.35	1.30	0.30	0.50		
Holdrege	0.40	0.36	3.48	0.08	2.02	0.98	6.17	2.18	2.58	0.26	0.05	2.40	21.36
Hull (near)	0.15	0.80	1.60	0.69	2.29	1.61	0.50	0.25	3.08	2.26	0.49	0.75	14.78
Imperial	0.44	0.71	1.89	0.14	3.25	0.32	5.19	2.01	3.29	1.55	0.30	2.61	21.90
Kearney	0.30	0.72	1.89	0.25	0.03	1.83	5.21	3.67	1.94	0.61	0.05	2.67	21.14
Kimball	0.40	0.50	1.40	0.65	2.93	1.40	2.08	0.57	2.98	1.23	0.40	0.70	15.29
Klowsa Camp No. 25	0.10	0.10		2.14									
Kowanda	0.02	0.73	0.82	0.67	2.16	3.81	0.40	1.61	2.53	1.16	0.36	0.69	14.96
Lake Minatare	0.15	0.40	1.30	0.45	1.59	1.36	1.00	0.52	2.50	1.52	0.25	0.50	11.54
Lexington	T.	0.71	2.02	2.00	2.14		6.87	3.53	2.28	0.60	T.	2.18	
Lincoln (Weather Bureau)	0.58	0.99	1.27	1.54	2.20	4.32	4.66	1.10	0.95	1.90	0.42	1.98	21.91
Lincoln (University Farm)	0.48	0.78	1.28	1.72	2.18	5.00	5.01	1.19	1.05	1.69	0.52	2.07	22.67
Lincoln (Agronomy Farm)	0.61	1.09	1.40	1.53	1.90	4.46	5.46	1.25	1.25	1.62	0.47	1.73	22.77
Lodgepole	0.30	0.93	1.60	0.72	2.76	0.32	1.23	0.87	2.92	1.50	0.58	1.60	15.33
Loup City	0.35	0.58	1.26	0.41	2.69	4.75	5.12	2.08	1.96	0.46	0.13		
Lynch	0.73	1.30	1.54	1.20	2.98	5.86	3.39	4.15	2.69	0.71	0.41	2.61	25.97
McCook	0.53	0.49	2.87	0.80	1.17	0.18	3.19	1.88	2.22	0.98	0.11	2.73	16.23
McCool Junction	0.30	0.90	2.11	0.90	2.83	4.58	7.21	3.67	1.91	0.43	T.	2.30	27.14
Madison	0.20	1.25	1.95	1.16	1.30	11.17	4.08	5.09	5.50	0.56	0.04	2.45	34.75
Madrid	0.34	0.40	2.19	0.10	2.44	0.67	2.86	1.33	3.29	1.98	0.30	2.07	17.97
Mary	0.21	0.65	0.85	0.15	0.80	4.22	3.11	1.77	1.55		0.12	2.92	
Mason City		0.60	1.25		3.37	3.75	2.40	1.55		0.25	0.10	2.70	
Merriman	0.40	0.95	0.81	0.33	0.88	6.35	0.96	1.74	1.43	1.41	0.39	1.09	18.74
Minden	0.28	0.20	2.07	0.22	2.61	1.05	5.59	2.19	2.72	0.66	0.04	2.57	20.20
Mitchell (near)	T.	0.25	0.61			1.01	1.06	0.40	2.98	1.08	0.02	0.27	
Nebraska City		1.25					5.51	0.96	1.58	0.28	0.76	1.94	
Neigh	0.05	0.57	1.24	1.23	1.80	5.34	3.77	1.42	1.91	0.82	0.10	1.10	18.85
Nelson				1.09	1.78	2.85	5.44	3.06	1.23	0.28	0.10	1.10	
Nenzel	0.73	1.07	1.57	1.36	0.77	4.96	1.32	2.33	1.62	1.50	0.41	1.24	19.78
Newport	0.15	1.64	2.02	1.15	1.10	8.61	3.70	1.55	1.51	0.70	0.20	1.26	23.59
Norfolk	0.26	1.17	1.84	1.61	1.53	12.28	6.17	3.85	2.64	0.81	0.12	1.66	32.44
North Loup	0.75	0.68	1.80	0.25	1.88	6.78	7.71	6.34	1.96	0.85	0.02	2.44	31.46
North Platte	0.08	0.38	1.93	0.20	2.26	1.90	1.00	0.96	1.66	0.95	0.08	1.81	18.19
Oakdale	0.15	1.20	1.93	1.21	1.61	6.99	3.76	1.47	2.35	0.85	0.08	1.85	23.45
Ogallala								2.84	1.90	1.00	0.12	1.58	
Omaha	0.62	0.98	1.93	0.94	2.01	9.08	2.79	1.67	4.56	0.51	0.36	1.38	26.83
O'Neill	0.57	1.76	1.87	0.79	1.25	6.68	2.48	1.53	1.79	0.40	0.17	2.95	22.24
Ord	0.10	0.80	1.45	0.54	2.57	4.82	6.79	2.39	2.69	0.82	0.13	2.16	25.27
Orleans	0.00	0.80	3.00	0.45	2.85	2.30	3.68	5.06	2.24	0.50	0.10	1.80	22.78
Osceola	0.10	1.20	1.23	0.77	2.88	5.63	6.57	2.73	2.83	0.09	T.	1.20	26.23
Oshkosh	0.29	0.41	1.26	0.30	2.06	1.69	1.47	2.08	2.98	1.59	0.63	1.51	16.27
Oshkosh	0.32	0.73	2.05	0.90	1.84	1.69	4.43	1.07	1.96	1.16	0.35	2.01	17.91
Palisade	0.53	0.93	2.59	1.27	2.07	5.18	2.71	3.08	2.15	0.40	0.71	1.83	23.45
Pawnee City	0.02	0.13	0.97	0.19	2.29	1.66	1.62	0.54	2.37	1.10	0.06	2.08	13.03
Peru	0.82	1.11	2.67	1.17	2.33	7.62	6.07				0.86	2.55	
Pittsboro	0.84	1.45	2.58	1.25	1.76	11.52	4.73	3.02	2.66	1.11	0.36	1.05	32.33
Potter	0.48	0.89	2.50	0.74	3.05	0.38	1.35	1.82	2.61	0.43	0.56	0.97	15.88
Purdum	0.80	0.91	1.09	0.29	0.63	4.26	2.71	2.29	1.35	0.72	0.15	2.14	17.24
Ravenna	0.30	0.39	1.52	0.25	1.93	4.09	7.46	2.38	2.34	0.66	0.07	2.21	28.50
Red Cloud	0.45	0.11	3.26	0.65	1.78	0.54	4.40	1.68	1.40	0.17	0.24	1.24	15.82
St. Paul	3.02	0.33	1.48	0.84	2.81	5.84	6.64	2.84	2.85	0.45	0.12	1.60	26.12
Santee	0.15	0.67	1.50	1.23	1.92	4.15	1.65	2.09	1.62	1.10	0.08	2.44	15.30
Schuyler	0.20	1.24	1.51	1.22	2.58	8.07	5.02	2.06	2.53	0.91	0.02	2.22	27.68
Scottsbluff	0.19	0.34	1.31	0.77	1.96	0.68	6.49	0.44	2.79	1.61	0.12	0.84	11.62
Seward	0.15	0.14	0.89	0.53	1.64	0.89	1.02	0.84	2.81	1.41	0.13	0.36	10.61
Sheep-Creek Camp No. 5	0.35	0.70	3.45	0.92	2.90	0.63	0.66	1.16	4.01	0.73	0.74	1.88	17.53
Sidney (near)	0.59	0.91	2.19	1.68	1.81	11.51	5.22	1.31	2.64	0.90	0.58	1.06	29.90
Springfield	0.20	1.36	2.11	1.44	1.44	10.83							

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Nebraska—Continued</i>													
Utica	0.17	0.00	1.07	1.51	3.89	6.20	8.13	4.12	2.61	0.19	0.02	1.84	31.25
Valentine	0.25	0.91	1.73	0.32	0.56	4.96	0.98	3.38	1.58	1.26	0.30	1.56	17.79
Wahoo	0.28	1.23	1.49	1.38	2.73	9.20	5.20	2.06	2.65	1.97	0.02	1.30	29.51
Wakarusa	T.	1.17	1.68	2.46	1.42	8.17	4.48	4.66	2.43	0.90	0.02	1.40	28.69
Walsh	0.12	1.45	2.06	1.63	1.99	7.75	4.10	5.44	3.69	0.78	T.	2.35	31.86
Wartburg	0.10	0.40	1.30	0.02	1.87	2.78	5.57	2.55	1.59	0.77	T.	1.95	18.88
Wasson	0.40	0.14	2.85	0.22	2.16	0.78	2.44	0.89	2.93	1.78	0.31	1.71	17.61
Weeping Water	0.95	1.17	1.07	0.85	1.62	6.00	5.50	0.70	1.59	T.	T.	2.18	24.51
Western	0.50	0.40	1.70	1.26	2.85	3.14	7.65	3.02	0.69	0.68	0.60	2.02	34.23
West Point	0.98	1.80	2.43	2.14	2.47	11.40	5.39	1.70	3.85	0.99	T.	1.58	34.23
York	0.39	0.81	2.89	1.14	2.50	5.59	6.12	2.49	2.34	0.67	T.	2.44	26.96
<i>Nevada</i>													
Alamo	0.54	0.00	1.34	0.16	0.06	0.00	0.40	0.14	0.08	0.91	0.41	0.65	4.69
Arthur	0.70	1.26	2.51	0.83	0.49	0.57	0.91	T.	0.41	2.39	0.92	4.02	15.01
Austin	1.10	0.62	2.60	0.87	0.06	0.00	0.06	0.06	0.24	1.11	0.67	1.85	9.14
Battle Mountain	T.	0.32	0.88	0.65	0.06	0.00	0.00	0.20	T.	0.45	0.25	1.45	4.80
Beatty	0.00	0.00	1.20	0.04	0.00	0.00	T.	0.00	T.	T.	0.15	0.41	1.80
Beowawe	0.48	0.70	0.56	0.34	0.00	0.30	0.25	T.	0.35	0.10	0.38	0.47	3.93
Carson City	0.28	0.24	0.50	0.02	0.00	0.00	0.00	0.00	0.15	1.73	2.09	0.70	5.68
Clover Valley	0.48	1.29	1.14	0.21	0.19	0.17	0.42	0.08	0.59	2.63	0.49	1.43	9.07
Elko	0.30	0.30	0.60	T.	0.02	0.00	T.	T.	0.25	0.60	0.20	2.50	4.77
Eureka	0.56	0.43	1.34	0.73	0.01	0.00	0.10	0.22	0.20	1.19	0.60	1.67	7.05
Fallon	0.59	0.48	0.36	T.	0.04	0.00	T.	0.00	0.06	1.15	0.45	0.70	3.88
Gerlach	0.07	0.50	1.30	0.00	0.00	0.00	0.00	0.00	0.00	1.51	0.00	0.78	3.88
Gilead	0.07	0.44	0.26	0.07	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.71	3.88
Gold Creek	0.93	1.09	1.27	0.45	T.	0.52	T.	0.05	0.14	2.50	0.52	0.12	1.13
Goldfield	0.10	0.01	0.37	0.05	T.	0.00	0.01	0.06	0.26	0.00	0.15	0.12	1.13
Hilton	0.64	0.94	2.35	0.55	0.05	0.00	0.53	0.37	0.08	1.51	0.94	2.46	10.12
Imlay	0.12	0.76	0.53	0.15	0.01	0.01	0.02	0.00	T.	0.26	0.18	1.10	3.14
Jungo	T.	0.15	0.12	0.00	T.	0.00	T.	T.	T.	0.48	0.11	0.80	1.67
Lahontan	0.30	0.44	0.11	0.01	0.00	0.00	0.00	0.00	0.35	1.07	0.33	0.63	3.24
Lamoille	0.29	1.33	2.34	1.44	0.02	0.21	0.14	0.15	0.34	2.01	1.10	2.53	11.90
Las Vegas	0.00	0.00	0.40	0.00	0.20	0.00	0.30	0.25	0.05	0.00	0.00	0.87	3.24
Logandale	0.02	T.	0.58	0.36	0.02	0.00	0.53	T.	0.22	0.00	0.00	1.19	2.92
Lowell	0.10	0.30	0.63	0.08	0.18	0.00	0.00	0.00	0.09	0.34	0.14	0.62	2.45
McGill	0.28	0.15	0.87	0.64	0.14	T.	0.02	1.01	1.04	1.29	0.53	1.07	7.04
Mahoney Ranger Station	0.74	1.49	2.08	0.00	0.01	0.61	0.10	0.30	0.40	2.09	0.08	2.11	8.42
Mallett	0.49	0.70	2.16	0.19	T.	0.00	0.60	T.	0.40	0.49	0.38	1.10	8.42
Mina	0.08	0.02	1.13	0.13	0.00	0.00	0.00	0.00	T.	0.00	0.00	0.25	1.61
Minden	0.70	0.25	1.25	0.58	0.00	0.00	T.	T.	0.04	1.41	1.97	1.42	7.62
Montello	0.06	0.64	0.29	0.05	0.02	T.	T.	T.	0.01	0.14	T.	0.93	2.14
North Fork	0.31	0.77	0.37	0.06	0.00	0.28	0.22	0.08	0.10	1.07	0.64	1.64	5.90
Orovada	0.34	0.95	0.25	0.26	T.	0.07	T.	0.01	0.12	0.66	0.24	1.06	3.96
Owyhee	1.06	1.96	1.20	0.76	T.	0.52	0.15	0.00	0.85	2.96	1.29	3.15	13.90
Pahrump	0.15	0.00	1.15	0.08	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.71	2.20
Paradise Valley	0.65	1.35	0.83	0.13	0.07	0.20	T.	0.03	0.43	2.28	0.90	2.36	9.23
Quinn River Ranch	T.	T.	0.39	0.00	T.	0.00	0.00	0.05	T.	0.20	0.60	0.60	2.20
Reno	0.16	0.52	0.96	0.18	T.	T.	0.02	T.	0.02	1.44	0.55	0.47	4.32
Eye Patch	0.04	0.09	0.83	0.24	0.07	0.00	0.06	0.01	0.58	1.83	0.48	0.43	4.79
Sand Pass	T.	0.02	1.01	0.05	0.02	0.00	0.00	T.	0.36	1.89	0.28	0.81	4.43
San Jacinto	0.41	0.20	0.00	0.00	0.25	0.05	0.18	0.05	0.12	1.15	0.40	1.04	4.04
Schurz	0.32	0.81	0.55	0.04	0.00	0.00	0.90	0.00	0.01	0.98	0.32	0.80	4.73
Searchlight	0.00	0.00	0.28	0.65	T.	T.	0.80	0.25	0.00	0.00	T.	0.73	2.71
Sharp	0.43	0.00	2.49	0.58	0.21	0.00	0.80	0.78	0.29	0.78	0.46	0.67	7.47
Smith	1.20	0.70	0.25	0.03	0.00	0.00	0.02	0.00	0.06	0.79	1.04	0.86	4.86
Sulphur	0.07	0.34	0.36	0.29	T.	T.	0.02	0.02	0.00	0.50	0.42	0.90	2.92
Thorne	0.08	0.67	0.65	0.30	0.00	0.00	0.00	T.	0.00	0.40	0.15	0.53	2.73
Topopah	0.14	0.12	1.25	0.15	T.	0.00	0.03	1.72	0.28	0.06	0.01	0.34	4.10
Tuscarora (near)	0.95	0.72	1.45	0.35	0.00	0.62	0.42	0.04	0.34	1.53	0.61	1.80	8.92
Vya	0.63	1.07	1.41	0.67	T.	0.15	0.01	0.39	0.41	1.98	1.43	0.87	9.12
Winnemucca	0.96	0.57	0.58	0.23	0.27	T.	0.31	0.01	0.13	0.45	0.32	1.85	4.79
Yerington	0.16	0.78	0.28	T.	T.	0.00	0.00	0.00	0.05	0.81	0.62	0.57	3.26
<i>New Hampshire</i>													
Berlin	3.03	1.78	1.23	5.78	1.83	2.67	2.63	4.86	5.74	0.22	5.61	1.37	36.78
Bethlehem	1.18	0.90	0.91	2.00	1.71	3.12	4.48	2.78	5.99	0.09	4.39	0.99	29.14
Concord	3.82	1.57	0.55	4.04	2.35	1.59	1.74	2.67	6.04	0.05	1.89	1.74	28.65
Durham	5.28	2.69	0.81	6.11	2.82	1.22	2.47	2.89	6.23	0.50	3.15	2.51	24.68
Franklin	4.16	2.15	1.29	5.75	2.78	1.98	2.52	4.95	9.19	0.24	4.95	1.51	41.15
Hanover	3.63	2.15	0.78	5.72	3.16	2.21	2.35	4.17	7.82	0.12	3.55	0.86	38.32
Keene	3.26	2.88	1.13	4.67	2.93	1.58	2.70	3.20	5.27	0.23	2.64	2.70	32.69
Lancaster	2.18	0.61	1.43	3.09	1.21	T.	T.	3.90	1.02	2.83	1.13	1.13	24.68
Lincoln	5.27	2.75	1.16	5.89	3.36	3.48	3.87	4.83	8.25	2.03	4.90	2.42	50.21
Pittsburg (a)	3.61	1.57	2.09	4.02	3.03	2.54	5.48	4.91	9.18	1.40	5.11	2.18	45.06
Pittsburg (b)	3.46	1.42	1.66	4.06	5.47	2.43	7.62	4.75	10.00	2.08	5.04	2.87	50.74
Plymouth	4.89	1.85	0.67	4.74	3.38	2.75	2.00	4.74	8.67	0.37	2.91	2.25	38.13
Profile	5.02	2.28	2.47	4.23	4.89	3.41	3.30	2.84	10.54	2.29	4.25	T.	41.41
Waterville	4.46	2.68	1.41	5.95	T.	T.	T.	T.	T.	T.	T.	T.	41.41
West Stewartstown	2.24	0.51	0.86	2.20	2.69	2.13	4.10	3.91	3.08	0.99	3.70	1.16	25.67
Woodsville	3.26	1.99	1.40	3.90	3.10	3.00	3.29	3.19	5.98	1.44	3.49	1.52	38.22
<i>New Jersey</i>													
Asbury Park	4.35	4.25	2.22	5.36	5.09	4.09	0.92	3.09	4.30	0.10	2.62	1.96	35.34
Atlantic City	2.28	4.05	3.59	5.39	3.36	3.66	1.45	4.38	3.50	0.05	2.55	3.15	38.81
Belleplain	3.97	4.08	4.50	6.88	4.20	4.47	0.94	2.57	5.44	0.07	2.37	3.20	42.64
Belvidere	4.41	3.38	1.82	5.78	5.15	3.42	2.52	3.09	6.86	0.15	2.74	2.27	41.00
Bergen Point	4.46	5.28	1.87	5.08	5.31	3.56	1.19	3.63	3.61	0.39	1.85	2.36	41.41
Bloomton	3.72	3.02	0.92	5.87	6.23	2.25	2.03	3.88	2.08	1.09	1.47	2.61	41.41
Bridgeton	4.20	3.91	3.25	5.96	5.32	5.56	2.11	4.67	5.12	T.	1.83	2.74	44.74
Burlington	5.19	4.55	3.08	6.18	7.								

PRECIPITATION, 1924

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>New Jersey—Continued</i>													
Chatham	5.58	4.84	2.74	9.23	4.54	4.20	4.47	6.40	7.91	0.22	1.55	3.01	54.69
Clayton		3.54	2.41	5.02	4.74								1.74
Culvers Lake	4.06	2.62	1.14	5.55	5.75	2.02	2.20	3.23	6.99	0.25	1.64	2.13	37.58
Dover	5.57	3.47	1.39	7.29	5.29	3.06	2.95	3.31	7.47	0.11	2.11	2.78	44.80
Elizabeth	5.09	4.62	2.10	7.05	7.12	3.68	3.64	6.03	5.72	0.23	1.62	2.61	49.51
Flemington	4.25	3.54	1.65	6.05	5.55	5.96	2.37	2.99	4.58	0.22	1.72	2.54	41.42
Hammoncton	4.98	5.22	4.32	6.90	5.31	5.45	3.39	3.66	5.84	0.10	2.63	3.27	51.07
Hightstown	4.82	4.68	2.49	6.66	6.27	6.83	1.71			0.20	2.00	2.41	
Highwood	4.84	3.28	1.53	6.38	5.28	2.64	2.73	5.63	5.26	0.28	2.23	2.75	42.83
Imlaystown	4.38		2.80	5.09	5.21	7.32	1.98		4.92	0.15	2.15	2.57	
Indian Mills	4.66	6.11	4.51	7.87	5.79	5.83	2.20	4.83	5.86	0.15	2.35	3.05	53.23
Jersey City	4.26	4.72	2.51	5.97	5.79	3.16	1.30	6.73	3.06	0.30	2.55	2.57	42.92
Lakewood	4.80	5.72	3.51	5.99	5.87	6.06	1.99	5.32	4.79	0.17	2.32	2.31	48.85
Lambertville	5.17	4.91	2.86	7.95	6.68	4.90	3.40	4.16	5.04	0.25	1.66	2.75	49.73
Layton	3.34	3.00	1.58	5.68	6.12	2.55	1.50	2.54	8.44	0.36	2.33	1.85	39.29
Little Falls	4.86	3.40	1.41	6.93	7.94	3.88	4.51	4.92	5.46	2.76	1.56	2.45	50.06
Long Branch	4.77	5.69	2.75	6.38	4.80	2.77	1.02	3.57	3.02	0.15	2.65	2.18	39.75
Moorestown	4.31	4.41	3.25	5.64	5.44	4.86	3.69	4.01	4.80	0.05	1.75	2.44	44.65
Newark	4.80	3.77	2.07	7.51	7.08	3.50							
New Brunswick	5.03	4.12	2.29	5.92	6.08	3.19	2.75	6.90	5.18	0.28	1.38	2.38	45.65
New Milford	4.77		1.02	5.76	4.64	2.12							
Newton	3.77	2.45	0.99	4.64			3.08	4.78	5.31	0.28	1.51	2.44	
Northfield	3.87	3.97	3.90	5.93	4.38	3.95	3.43	2.89	6.11	0.30	1.79	2.50	
Paterson	4.91	4.06	1.48	4.74	6.67	3.61	3.90	5.00	6.34	0.06	2.81	2.57	40.35
Phillipsburg	3.95	3.94	1.07	6.31	4.33	4.32	2.07	2.68	6.03	0.04	1.96	2.05	38.75
Plainfield	5.04	4.22	2.53	7.10	7.33	4.48	4.68	5.37	6.42	0.23	1.50	2.73	51.63
Pleasantville	3.72	4.11	3.99	5.27	5.24	3.79	1.06	3.59	3.49	0.47	2.96	2.97	40.66
Runyon	5.19		2.30	5.71	6.25	3.45	1.13	9.48	4.36	0.20	1.51	2.35	
Sandy Hook	5.13	4.41	1.81	4.98	4.77	3.61	1.22	5.04	2.47	0.17	2.14	2.13	37.88
Somerville	4.74	3.10	1.81	6.17	5.91	3.67	5.08	4.70	5.40	0.26	1.85	2.46	45.16
South Orange				6.80	6.77	3.87	3.69	5.60	6.09	0.27	1.17	2.95	
Sussex	2.88	3.00	1.13	5.34	5.11	2.19	2.60	3.12	5.93	0.01	2.07	2.61	35.99
Trenton	4.71	3.44	2.12	5.99	4.65	5.31	4.21	5.87	5.94	0.20	1.88	2.60	46.62
Tuckerton	4.03		5.69	5.96	6.22	6.24	2.95	3.16	4.29	0.09	3.23	2.80	
Vineland	4.51	5.67	4.41	6.57	6.24	6.67	2.14	4.08		0.07	2.81	2.67	
Woodcliff Lake	3.74		0.80	5.98	4.17	1.53	3.58	3.20	5.24	0.16	1.88	2.16	
<i>New Mexico</i>													
Abbott	0.30	0.08	1.18	0.47	1.96	0.65	2.30	2.77	0.67	0.87	0.05	0.34	11.84
Agricultural College	0.08	0.06	0.47	0.26	0.05	T.	2.28	0.68	0.45	0.23	0.00	0.17	4.83
Alamogordo (No. 1)	0.28	0.03	0.33	0.50	T.	0.01	2.25	2.10	0.00	0.32	0.25	0.52	7.09
Alamogordo (No. 2)	0.12	0.05	0.93	0.51	T.	T.	2.15	1.27	0.15	0.35	0.50	0.57	6.40
Alamogordo Ranch	0.25	0.56	1.65	0.61	0.50	1.17	4.60	3.07	0.46	0.52	0.89	1.39	15.17
Albuquerque	T.	0.23	0.68	0.82	0.22	0.32	2.51	0.82	0.22	0.10	0.11	0.44	6.37
Alma	T.	0.40	1.84	0.51	0.16	T.	2.55	0.61	1.05	0.08	0.04	2.20	7.44
Ancho	0.05	0.30	0.83	0.60	T.	0.30	1.83	0.67	0.00	T.	0.37	1.77	6.72
Animas	0.10	0.23	0.55	0.16	0.31	0.00	1.89	1.52	0.17	0.18	0.00	0.41	5.52
Aragon	T.	0.18	1.41	0.25	0.50	0.50	2.60	1.80	T.	0.15	0.00	0.83	8.22
Artesia	T.	0.55	0.43	0.05	0.40	0.00	2.69	0.15	0.23	0.64	0.00	0.35	5.49
Aspen Grove Ranch	0.32	0.92	4.19	2.28	0.27	0.26	3.44	1.83	0.71	1.86	0.87	4.57	21.32
Aurora	0.42	0.60	2.32	1.49	0.89	0.73	4.05	2.09	0.91	0.61	0.28	1.29	16.05
Aztec	0.48	0.32	0.84	2.08	0.00	0.00				0.68	0.06	2.19	
Baca Ranch Ranger Station	0.24	0.66	0.60	0.90	0.39	T.		1.73	0.08	0.05	0.16	0.34	
Baldwin Ranger Station	0.00	0.37	0.64	0.37	0.24	0.59	3.61	0.53	0.00				
Baton	0.15	1.31	3.39	1.86	0.06	0.56	2.92	0.90	0.00	0.00	0.16	1.41	12.72
Bateman's Ranch	0.86	1.56	3.55	0.59	0.20	0.34	2.93	1.76	1.82	2.00	0.64	4.87	21.12
Bell Ranch	0.11	0.12	0.93	0.54	0.98	0.36	1.75	3.23	0.21	0.15	T.	0.50	8.88
Bernalillo	T.	0.22	0.42	1.41	0.13								
Black Lake	0.03	0.25	1.85	0.42	0.24	0.13	4.91	2.37	0.20	0.59	0.04	0.46	11.49
Black Rock	0.12	0.54	1.65	0.65	0.01	0.04	1.33	0.76	0.61	0.47	0.16	1.05	7.39
Bloomfield	0.29	0.13	0.56	0.44	T.	T.	1.07	0.28	0.64	0.39	0.24	1.12	5.16
Boaz	0.19	0.31	0.49	0.65	0.42	0.31	5.32	0.42	0.30	1.56	0.33	0.16	10.45
Cambray	0.00	0.12	0.43	T.	0.32	0.00	2.62	1.54	0.09	0.00	0.18	0.28	5.58
Campana	T.	0.15	0.86	1.20	1.07	0.15	2.52	4.00	0.26	0.48	T.	1.17	11.86
Canyon de Chama	0.16	0.90		0.20									
Capitan	0.41	0.80	0.75	0.52	0.02	0.61	4.58	2.62	0.60	0.48	0.09	0.29	11.77
Capulin Ranger Station	0.32	0.55	1.88	0.50	0.05	0.95	1.17	0.40	1.49	0.88	0.27	2.04	10.50
Carlsbad	T.	0.18	0.31	0.06	0.62	0.03	0.49	0.22	0.27	0.20	0.14	0.42	2.95
Carriazo	0.05	T.	0.52	0.36	T.	0.35	2.53	0.11	0.33	0.25	0.20	0.56	5.26
Carson Sheep Ranger Station	0.00	0.88	0.57	0.98	0.47	T.	5.68	1.50	0.35	0.30	0.00	0.55	11.28
Chaco Canyon						0.06	1.06	0.22	0.78				
Chcon	0.34	0.84	4.38	0.90	1.27	0.13	3.78	2.17	0.74	0.47	0.27	1.56	16.85
Chama	0.87	0.61	3.76	1.14	0.45	T.	2.99	1.16	0.85	1.52	1.21	2.99	17.05
Chatberino	0.20	T.	0.51	0.35	0.11	0.00	3.65	1.00	0.28	0.16	0.01	0.00	6.27
Chloride Ranger Station	T.	0.60	0.49	0.88	0.06	0.27	4.95	0.79	0.06	T.	0.37	0.16	8.02
Cimarron	0.33	0.51	1.54	0.61	0.50	0.12	1.83	2.46	0.18	0.27	0.17	0.92	9.44
Clayton	0.13	0.47	1.53	0.89	1.17	1.06	1.52	2.33	0.74	0.63	0.06	0.38	10.81
Clotideroff	0.81	0.51	1.50	0.72	0.30	0.27	6.61	2.74	0.34	0.90	0.35	1.73	16.98
Cloverdale	1.24	0.41	4.68	0.60	0.40	T.	4.97	1.66	0.25	T.	T.	0.26	14.66
Clovie	0.05	0.37	0.77	0.23	0.65	1.89	1.88	2.82	1.12	1.00	0.40	0.18	11.81
Cotton	0.16	0.07	1.59	0.30	1.21	0.49	1.32	1.52	1.13	0.14	0.13	1.07	9.13
Columbus	0.56	0.04	0.20	T.	T.	0.00	1.76	0.84	0.00	0.04	0.04	0.15	3.63
Cocoma	T.	0.33	1.62	0.90	0.52	0.76	1.61	2.28	0.15	0.40	0.30	0.61	9.45
Crowpoint	0.39	0.60	1.60	2.07	0.02	0.25	4.53	0.78	0.80	1.63	T.	1.86	14.52
Cuservo	0.24	0.18	0.56	1.12	1.70	2.60	1.00	1.35	0.95	0.90	0.00	0.51	11.03
Dawson	0.35	0.40	1.20	0.27	0.69	0.72	3.24	1.91	0.44	0.12	0.12	0.35	9.81
Defting (No. 1)	T.	0.15	0.22	0.13	0.03	T.	2.20	0.41	T.	T.	0.02	0.22	3.38
Defting (No. 2)	0.22	0.27											
Demonstration Farm	0.30	0.70	1.91	1.03	2.20	0.44	1.79	1					

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>New Mexico—Continued</i>													
Eagle Rock Ranger Station	0.50	0.36	1.40	1.48	0.36	0.31	3.24	1.05	1.60	1.11	0.35	2.30	14.06
Elephant Butte Dam	0.00	0.20	0.45	0.66	0.12	0.00	0.93	0.22	1.61	0.00	0.40	0.18	4.77
Elida	0.00	0.08	0.63	0.71	1.38	0.58	6.24	1.45	0.62	1.03	0.40	0.20	13.37
Elizabethtown	0.81	0.25	2.66	1.57	0.51	0.00	1.20	0.30	0.51	0.50	0.60	1.88	10.79
Elk	0.02	0.37	0.28	0.24	1.43	0.17	3.91	1.36	0.04	0.41	0.03	0.37	8.63
El Paso Gap							3.85	1.21	1.20				
El Vado (near)	0.93	0.78	2.37	0.75	T.	0.36	1.77	1.38	1.13	0.94	0.57	2.72	13.70
Espanola	0.04	0.12	0.40	0.32	0.78	0.35	1.35	1.67	0.10	T.	0.10	0.12	5.35
Estancia	0.07	0.26	0.84	0.68	0.48	0.44	1.19	1.48	0.24	0.07	0.31	0.83	6.89
Farmington	0.08	0.29	0.93	0.56	0.00	0.00	1.31	0.32	0.25	0.52	0.13	1.32	5.71
Field (near)	0.14	0.51	0.87	0.74	1.02	1.51	1.78	2.07	0.98	1.41	0.74	0.54	12.31
Fort Bayard	0.02	0.55	1.09	0.49	0.34	T.	3.84	1.30	0.10	0.05	0.59	0.78	9.45
Fort Stanton	0.10	0.50	0.49	0.44	0.35	0.00	4.10	2.48	0.05	0.40	0.06	0.30	9.76
Fort Sumner	T.	0.37	1.39	0.53	1.34	0.35	1.30	1.83	1.07	2.00	0.81	1.02	13.21
Frijoles Canyon					0.64	0.63	2.91	0.65	0.47	0.42	0.10	2.27	
Fruitland	0.11	0.11	0.66	0.60	T.	0.00		0.40					
Gage	T.	0.60	0.40	T.	T.	0.00	1.48	0.21	T.	T.	T.	0.25	2.84
Gallinas Planting Station	0.00	0.80	2.01	0.90	1.42	0.91	4.57	3.02	0.85			1.16	
Gallinas Ranger Station	0.08	0.50	1.93	1.30	0.95	1.10	4.20	0.89	0.17	0.10	0.33	0.25	11.89
Gallup	0.15												
Gamero	0.15	0.20	0.50	1.70	0.00	0.11	1.44	0.49	0.66	0.41	0.32	0.62	6.60
Garfield	0.00	0.62											
Glenrio						0.33	0.12	2.23	1.50	2.31	0.52	0.45	
Glorieta Ranch	0.20	0.61	0.83	0.22	0.44	0.00	4.88	0.54	0.48	0.00	0.00	0.10	8.12
Hachita	T.	0.02	0.88	0.19	0.00		2.55	1.75	T.	0.14	0.04	T.	5.85
Hagerman	0.08					0.00	3.84						
Harvey's Upper Ranch	3.55	1.35											
Hayden	0.15				0.70	0.35	2.70	5.60	0.40	T.	T.	0.40	
Haynes	0.75	1.11	2.68	1.00	0.13	0.00	1.38	0.24	0.82	0.85	0.50	2.14	11.60
Hermosa	T.	1.26	0.71	1.08	0.09	0.31	5.08	1.34	0.79	0.00	0.35	0.27	11.16
Hillsboro										T.	0.15	0.34	
Hobbs	T.	0.22	0.80	0.62	0.28	T.	0.78	1.06	0.25	0.60	0.06	0.60	5.29
Hood Ranger Station	0.00	0.00	3.22	0.72	0.54	0.10	4.07	0.00	0.00	0.10	0.10	2.45	
Hoosier Ranch	0.33	0.04	1.49	0.72	0.97	0.40	0.49	2.80	0.32	0.50	0.16	0.46	8.68
Hope	T.	0.52	0.25	0.22	0.28	T.	0.76	1.22	0.01	0.82	0.00	0.45	4.53
Ione	0.12	0.07	1.29	1.02	2.04	0.75	3.50	3.02	0.79	0.39	0.05	0.68	13.72
Jal	0.00	0.32	0.68	0.15	0.22	0.00	0.75	2.00	0.25	1.10	0.00	T.	5.47
Jemez Springs	0.07	0.92	1.79	1.50	0.35	1.34	4.70	0.71	0.59	0.59	0.35	1.69	14.60
Jewett Ranger Station	0.19	0.22	2.74	0.62	1.55	0.05	3.91	0.67	0.00	0.00	T.	1.07	11.02
Kingston Ranger Station	0.00		2.24	0.40	0.28		5.72	0.49	0.50	0.00	0.54	0.58	
Laguna	0.00	0.67											
Lagunita	T.	0.34	0.36	0.43	1.54	0.48	2.83	1.68	0.39	0.18	0.16	0.59	8.98
La Jara Ranger Station	0.35	0.95	2.22	1.47	0.12	0.33	1.69	1.03	0.30	1.11	0.28	2.80	12.75
Lake Alice	1.43	0.85	2.35	0.45	1.28	1.00	3.57	0.87	1.35	0.47	0.30	1.52	15.44
Lake Avalon	0.00	0.18	0.21	0.00	0.52	0.00	0.34	0.00	0.54	0.09	0.18	0.32	2.38
Lake Valley	T.	0.45	0.62	0.24	0.16	0.23	2.98						
Lakewood	0.00	0.25	0.45	0.00	0.30	0.00	1.15	0.90	0.35	0.43	0.00	0.28	4.11
Las Vegas	0.07	0.56	1.70	0.90	1.49	0.50	2.48	1.78	0.40	0.12	0.26	0.82	11.17
Lee's Ranch	0.12	4.11	1.53	1.85	0.20	0.48	6.30	0.43	0.65	0.63	0.67	2.43	18.60
Levy	0.60	0.02	1.27	0.23	1.19	0.43	5.85	1.21	0.64	0.17	0.36	0.83	13.17
Lindrith	0.23	0.05	1.17	0.76	2.44	2.75	0.62	2.80	2.37	0.99	0.21	0.78	14.87
Logan	0.05	0.12	1.46	0.24	0.05	0.00	1.52	0.30	0.00	0.06	0.15	0.78	4.68
Lordsburg	T.	0.42	0.64	0.81	0.15	T.	1.57	1.16	0.00	0.15	T.	0.93	5.83
Los Lunas (near)	T.	0.23	0.67	0.12	0.59	0.69	1.75	1.01	0.29	0.02	0.07	0.31	5.76
Loving	0.00	0.13	0.74	0.33	1.62	0.33	0.94	2.69	0.00	0.52	T.	0.12	7.42
Levington	0.65	0.72	4.46	0.28	0.92	T.	4.67	1.02	0.82	0.47	0.00	1.88	16.89
Luna Ranger Station	0.04	0.15	0.23	0.67	0.07	0.00	4.85	0.31	0.23	0.00	0.50	0.63	7.68
Mogdalena	0.10	0.20	1.70	0.13	1.01	1.37	4.27	2.34	0.45	0.35	0.10	0.56	12.58
Maxwell	0.12	0.57	0.41	0.40	0.73	0.20	4.91	2.38	0.09	0.51	0.06	0.69	11.07
McGaffey Ranger Station	T.	0.45	1.86	1.24	T.	0.08	1.14	1.50	0.98	0.50	0.30	2.41	10.46
Maurose	0.06	0.31	1.29	0.44	0.36	3.22	2.52	3.63	0.79	0.94	0.56	0.32	14.44
Mescalero	0.32	T.	0.96	1.10	1.26	0.37	4.86	2.20	0.27	0.25	0.04	0.30	11.83
Miami	0.30	0.30	1.50	0.39	1.19	0.00	2.44	2.78	0.45	0.30	0.00	0.36	9.87
Miller-Thorne Ranch	T.	0.54	0.20	0.00	0.43	0.15	4.22	0.85	0.14	1.00	0.00	0.24	7.82
Mills	0.15	T.	1.49	0.58	1.27	0.70	4.48	2.59	0.66	1.50	0.09	0.26	13.77
Mogolion		1.35	0.40	0.00									
Montoya	0.14	0.22	0.92	0.55	1.32	1.45	2.25	1.80	1.14	0.72	T.	0.33	10.94
Mosquero	0.08	0.18	0.88	0.67	0.92	1.78	1.05	2.92	0.30	0.33	T.	0.38	9.47
Mountain Park					0.49	0.00	3.89		0.08	0.00		0.44	
Nara Visa					1.36	0.55	1.48			0.43		0.34	
Newman	0.16	0.00	0.70	0.32	0.00	0.20	2.07	0.60	0.73	0.28	0.00	0.00	5.06
Nogal (near)	0.13	0.85	1.36	0.75	0.49	0.06	4.95	3.01	0.20	0.10	0.26	1.12	13.28
Olive	0.21	0.29	0.59	0.54	0.40	0.00	3.21	3.01	0.75	2.01	0.36	0.28	11.60
Orogrande	0.24	T.	0.47	0.25	0.00	T.	0.70	0.79	0.95	0.29	0.08	T.	3.77
Oscuro	0.04	0.06	0.76	0.60	T.	0.02	2.16	0.37	0.19	0.24	0.02	0.33	4.78
Palma	T.	0.45	1.23	1.45	0.60	0.40	2.25	T.	0.45	T.	T.	1.20	8.08
Palo Verde	0.36	0.12	1.15	0.44	1.16	0.51	2.32	2.24	0.35	1.52	0.24	0.45	10.96
Passamonte	0.25	0.05	1.75	0.79	1.36	0.74	3.58	3.59	0.41				
Pastura	0.07	0.19	0.33	0.75	1.67	0.13	0.74	2.77	T.	T.	T.	0.56	7.26
Pearl	0.00	0.45	0.41	0.11	0.38	0.06	0.46	3.61	0.00	0.09	0.25		
Peos Ranger Station	0.32	0.64	4.28	0.90	0.91	0.60	3.89	0.62	1.30	0.55	0.26	1.46	15.68
Pinos Altos	0.90	0.22	3.39	0.49	0.29	0.18	11.02	1.61	0.31	0.23	0.48	1.99	21.11
Plainview (near)	T.	0.23	0.90	0.34	1.26	1.26	0.67	2.56	0.00	0.27	0.15	0.25	7.97
Pleasant Hill								4.05	1.18	1.15	0.50	0.19	
Portales	0.10	0.16	1.03	0.43	0.54	1.15	2.80	3.65	1.03	1.20	0.37	0.15	12.61
Porter	0.02	0.13	1.17	0.74	0.87	1.58	2.64	4.65	3.41	0.91	0.73	0.84	17.67
Quay	0.12	0.04	0.89	1.30	0.85	1.78	3.35	3.87	1.71	1.52	0.90	0.75	16.28
Quemado	0.16	0.34	1.14	0.54	0.15	0.25	2.36	1.19	0.13	0.26	0.20	0.94	7.56
Raton (near)	1.38	0.07	0.83	T.	0.44	0.29	2.59	0.08	0.95	0.20	0.16	0.48	7.59
Red River Canyon	0.31												

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>New Mexico—Continued</i>													
Rodeo.....	T.	T.	0.55	0.26	0.00	0.00	3.24	0.60	T.	T.	T.	0.84	5.49
Rosa (near).....												2.08	
Rosedale (near).....	T.	0.20	0.35	0.38	0.43	T.	6.71	0.88	0.66	0.03	0.48	0.08	10.20
Roswell.....	0.25	0.76	0.36	0.53	0.15	T.	2.76	0.12	T.	0.41	0.12	0.31	5.77
Roy.....	0.21	T.	0.73	0.18	1.25	0.53	2.08	1.68	0.32	1.20	0.00	0.48	8.66
Saint Vrain.....	0.09	0.09	0.89	0.27	0.78	2.38	3.96	2.89	0.76	0.40	0.33	0.20	12.93
San Antonio Ranger Station.....	1.20	0.80	2.78	0.69	0.06	0.10	2.84	0.23	0.26	1.13	0.40		
San Fidel.....	0.04	0.77	0.90	0.40	T.	0.00	2.52	0.20	0.10	T.	0.00	0.30	4.93
San Jon.....	T.	0.30	0.87	0.70	0.90	1.17	2.81	4.23	2.28	1.06	0.75	0.58	15.66
San Marcial.....	0.00	0.20	0.50	0.59	0.01	0.28	2.67	0.18	0.58	0.00	0.46	0.25	5.72
Santa Fe.....	0.13	0.24	1.12	1.26	0.85	0.31	1.53	0.71	0.62	0.30	0.33	1.52	8.92
Santa Fe Canyon.....	0.05	0.51	1.00		1.00	0.21	2.31	1.25	0.02	0.64	0.43	1.92	
Santa Rosa.....	0.06	0.27	0.48	1.03	2.45	1.36	1.58	2.54	0.37	1.02	0.12	0.31	11.59
Senorito (near).....	0.32	1.16	2.90	1.68	0.20	0.60	4.65	0.79	1.81	1.45	0.87	2.82	19.25
Servilleta (near).....	0.18	0.19	0.81	1.08	0.11	0.02	2.41	0.76	1.99	0.61	0.43	1.59	10.18
Silver City.....		0.26	1.52	0.35	0.00	0.00	5.57	0.31	0.00		0.00	0.92	
Skeleton Canyon.....	0.20	0.03	1.04	T.	T.	0.00	5.38	1.63	0.10	0.01	0.00	0.58	8.97
Socorro.....	0.08	0.12	0.58	0.39	0.01	0.00	3.30	T.	0.15	T.	0.34	0.07	5.04
Solano.....	0.19	0.15	0.93	0.45	1.37	1.37	1.73	5.11	0.30	0.30	0.09	0.30	12.32
Springer.....	0.49	0.20	1.85	0.65	1.23	0.28	1.85	3.04	1.08	0.00	0.27	0.85	11.79
Stanley.....	0.08	0.40	0.92	0.27	0.35	0.40	0.94	0.50	0.48	0.00	0.00	0.93	5.29
Taliqne (near).....	0.53	2.49	1.96	3.35	0.92	0.62	5.41	1.12	0.62	0.44	0.00	1.77	18.67
Taos.....	0.08	0.34	1.19	1.36	0.60	0.26	2.32	0.78	1.18	0.14	0.24	0.54	10.60
Taos Canyon.....	0.67	0.59	3.11	1.21	0.65	0.39	4.11	2.02	1.42	0.53	0.67	3.31	18.68
Tatum.....	0.02	0.06	1.21	0.17	0.89	0.19	1.99	1.99	0.12	0.65	0.38	0.15	7.82
Taylor.....	0.26	0.21	1.90	0.61	1.61	0.31	2.33	2.23	1.08	0.40	0.17	1.16	12.27
Texico (near).....		0.16	1.19	0.57	1.50	1.76	4.40	3.79	1.12	0.87	0.47		
Three Rivers.....	0.18	0.18	0.72	0.30	0.42	T.	2.60	0.22	0.18	0.25	0.32	0.69	6.06
Tijeras Canyon.....	0.06	0.41	1.58	2.02	0.18	1.09	1.32	0.85	0.63	0.65	0.25	1.46	10.50
Tinaja.....	0.22	0.14	1.37	1.17	0.12	0.44	1.19	2.57	1.00	0.33			
Tuhatchi.....	0.40	0.08		0.11					0.15	0.08	0.09	1.12	
Turquoise.....	T.	0.22	0.65	0.47	0.71	0.70	3.33	0.46	0.36	0.12	0.18	0.98	8.18
Turramosa.....	0.30	0.26	1.61	0.59	3.24	0.60	1.14	1.45	0.24	0.94	0.27	1.17	11.81
Tremontina.....	1.05	0.53	2.87	0.78	0.35	0.65	1.99	1.19	1.40	0.97	0.16	2.04	13.93
Tres Piedras.....	0.21	0.47	1.40	0.89	0.59	0.14	4.04	0.47	0.90	0.49	0.50	1.30	11.49
Truchas.....	T.	0.19	0.60	0.63	1.67	2.07	1.93	3.79	1.31	1.09	0.04	0.47	13.79
Tucumcari (No. 1).....	T.	0.07	0.43	0.59	1.77	3.45	1.84	3.01	1.26	1.48	T.	1.03	14.93
Tucumcari (No. 2).....	0.35	0.08	0.61	0.22	0.48	0.05	2.64	0.30	0.16	0.22	0.25	0.23	5.59
Tulerosa.....	0.16	0.11	0.51	0.15	0.19	0.11	3.34	0.32	0.21	0.30	0.15	0.42	5.97
Turney's Ranch.....	0.08	0.30	1.24	0.75	0.10	0.00	3.60	1.23	0.63	0.20	0.20		
Tyrono.....	0.24	0.60	2.69	0.46	0.34	0.70	1.69	1.87	0.05	0.30	0.20	1.49	10.63
Vallecitos.....	0.01	0.02	0.63	0.58	0.81	0.52	4.68	1.19	0.88	1.04	0.31	0.24	10.91
Valley View.....	0.15	0.10	0.86	1.11	1.40	1.12	2.52	3.38	0.47	0.51	0.05	0.55	12.22
Vance.....	0.22	0.35	0.67	0.78	1.92	0.55	3.08	0.63	0.24	0.20	0.36	0.42	8.42
Vaughn.....	0.54	0.21	1.29	0.70	1.97	0.40	1.04						
Vermajo Park.....	0.13	0.10	1.09		0.24	0.81	2.33	1.88	0.04	0.11	0.19	1.41	
Viraylia.....	0.12	0.68	0.50	0.45	1.08	0.44	6.68	2.78	0.00	0.51	0.09	0.96	14.29
Weed Ranger Station.....	0.30	0.60	0.78										
White Oaks (near).....	0.35	0.38	0.81	0.84	0.61	0.25	7.91	3.12	0.43	0.41	T.	1.59	16.70
White Tall.....	0.42	0.99	5.12	1.63	1.32	0.39	5.65	1.30	0.64	0.38	0.76	2.89	21.49
Winsor's Ranch.....													
<i>New York</i>													
Addison.....	1.91	1.74	1.12	4.31	3.99	3.55	2.04	2.27	5.51	0.15	0.53	0.93	28.05
Albany.....	2.12	1.59	0.63	5.23	2.80	1.86	2.25	3.74	6.40	0.09	2.76	0.99	30.46
Alfred.....	2.90	1.63	1.11	3.45	4.77	4.40	3.14	2.75	8.39	0.15	0.75	2.00	35.44
Alleghany State Park.....									7.61	0.45	1.25	3.08	
Andover.....	2.39	2.10	1.15	3.25	4.26	5.01	2.03	3.44	6.24	0.20	0.73	1.64	32.44
Angelica.....	3.24	2.24	0.92	4.24	4.05	4.53	3.81	3.36	7.74	0.20	0.82	1.88	37.03
Auburn.....	2.43	2.85	1.00	3.79	3.18	2.82	4.82	1.51	6.85	0.21	1.34	2.23	32.53
Avon.....		1.23	0.53	3.46	5.29	1.98	4.76	2.53	6.17	0.82	0.77	2.00	
Bainbridge.....	1.68	2.09	1.42	4.79	3.92	3.85	3.58	6.84	6.14	1.70	2.16	1.30	39.37
Ballston Lake.....	2.13	3.08	1.90	5.71	4.41	1.53	2.17	4.01	6.09	0.11	2.39	0.94	33.67
Bedford Hills.....	5.44	2.93	0.90	3.21	6.15	1.39	1.90	5.93	4.30				
Binghamton.....	2.30	2.57	1.01	3.85	3.59	5.38	3.91	5.26	6.96	0.44	1.62	1.19	37.89
Bolivar.....	4.58	2.16	1.25	4.40	3.56	4.87	3.46	3.85	8.95	0.25	1.42	3.39	42.11
Bolton.....		2.21	1.04	6.26	1.23	1.23	2.97	4.38	5.49	1.26	2.65	1.22	
Boyd's Corners.....	4.69	2.42	1.75	7.56	4.71	2.65	2.80	4.66	8.28	0.19	3.44	2.96	46.11
Brookport.....	2.42	3.37	0.69	3.26	3.03	1.25	5.94			0.15	0.82	2.70	
Brooklyn (Eagle office).....	4.62	4.30	1.50	4.94	5.68	4.00	1.35	5.66	4.09	0.25	1.97	2.44	40.62
Buffalo.....	2.18	2.65	1.41	3.08	2.59	2.69	4.10	2.69	6.48	0.08	1.90	3.49	33.34
Cairo.....	4.00	2.49	0.55	6.59	5.44	1.51	2.26	2.64	9.36	0.38	3.30	0.75	39.57
Canton.....	4.12	2.02	0.95	3.32	3.91	2.08	2.87	3.10	5.61	0.65	2.94	1.82	33.39
Cape Vincent.....		3.77	0.99	3.29	4.46								
Carmel.....	4.12	2.24	1.25	5.91	5.24	2.62	3.28	4.66	6.87	0.15	3.70	2.57	42.61
Chazy.....	0.65	1.80	T.	3.04	2.30	2.49	4.58	2.74	3.44	0.03	3.22	0.93	35.22
Conklingville.....													
Copertown.....	2.56	2.56			4.52	2.98	3.72	4.71	6.60	0.20	2.34		
Copenhagen.....	4.62	5.54	1.43	4.31	5.62	5.22	2.21	3.74	7.61	1.70	3.66	4.74	55.49
Cortland.....	2.13	2.33	0.90	3.64	3.65	5.12	4.90	3.72	6.86	0.31	1.57	1.33	36.46
Coutehogue.....	4.60	3.92	1.44	4.69	3.40	3.68	0.57	6.49	4.39	0.46	1.87	2.79	38.18
Dannemora.....	4.32	4.06	2.06	4.04	4.76	3.18	8.98	4.42	6.37	1.50	3.12	1.96	48.83
Dansville.....	1.27	0.73	0.42	3.01	3.32	3.15	2.49	1.21	6.30	0.04	0.39	1.74	24.12
Delhi.....						4.88	4.92	3.65	7.22	0.44	2.58	1.37	
De Ruyter.....	3.81	2.73	0.73	4.07	4.05	3.53	4.36	2.78	7.26	0.18	2.92	2.10	38.57
Dodgeville.....	3.86	3.31	0.45	3.14	6.24	2.30	3.52	4.64	6.05	1.97	1.62	2.05	39.16
Elmira.....	1.64	1.97	1.17	4.00	2.42	3.14	2.46	2.32	5.72	0.13	0.68	0.92	27.57
Flushing.....	4.60	4.92	1.94	6.31	5.27	3.34	0.59	5.68	8.53	0.25	2.31	2.48	41.06
Fredonia.....	3.80	1.99	0.3										

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>New York—Continued</i>													
Hemlock	1.40	1.54	0.97	3.40	4.16	2.50	5.47	1.88	6.25	0.13	0.60	1.76	30.06
High Market						2.53	3.17	4.05	8.82	0.86	4.13	4.05	
Hoffmeister	5.96	3.41	1.25	6.92	7.84	1.67	3.68	4.10	8.13	2.71	3.17	2.88	51.72
Hudson	2.02	2.33	0.43	6.24	3.03	2.03	3.46	3.81	6.66	0.25	2.71	1.10	34.97
Indian Lake	5.59	2.73	0.40	3.30	5.75	1.15	2.12	2.84	7.17	T.	3.30	2.65	37.90
Ithaca	1.99	1.93	0.80	3.95	3.19	2.71	4.37	3.30	6.83	0.23	1.05	1.12	31.47
Jamestown	4.71	2.31	1.96	3.71	4.68	4.43	6.18	2.89	7.51	0.28	1.83	4.08	44.60
Jeffersonville	2.70	1.95	0.67	5.08	4.60	2.29	4.26	4.15	7.81	0.10	2.37	1.75	37.73
Lake Placid Club						2.50	3.86	3.92	5.71	0.92	2.63	1.21	
Lauterbrunnen	1.13	0.64	0.29	3.89	4.18	4.40	2.34	0.50	6.70	T.	0.72	1.52	25.81
Little Falls (No. 1)	2.72	3.08	0.35	2.91	4.84	2.37	3.74	4.40	6.48	0.36	1.49	2.10	34.84
Little Falls (No. 2)	3.35	4.47	0.66	5.09	5.59	2.81	3.77	6.21	5.85	2.23	2.22	2.83	45.08
Lockport	2.54	2.31	0.74	3.47	4.58	2.09	3.93	3.80	6.78	0.18	0.97	1.51	32.90
Lowville	7.97	5.28	0.71	3.78	3.84	3.15	1.95	4.06	5.65	0.92	3.06	2.84	43.21
Lyons Falls						5.59	5.01	2.34	2.40	2.89	7.15	0.75	
McKeever	5.93	2.87	1.20	5.22	5.51	2.42	3.85	3.46	8.64	0.18	3.22	2.46	44.96
Mechanicsville	2.05	1.80	0.47	4.47	3.74	1.57	2.37	4.45	4.43	2.01	2.43	0.79	30.68
Medford	5.07	4.32	1.58	6.04	5.77	4.89	0.34	4.85	2.59	0.64	2.30	2.85	41.24
Mohonk Lake	5.73	2.56	2.50	5.88	3.38	1.56	2.85	0.97	5.29	T.	2.52	1.39	34.72
Mora	4.59	2.35	1.33	3.06	3.50	1.10	6.13	2.87	5.91	1.51	1.81	2.28	36.44
Morrisville						2.10	3.94	5.65	2.65	6.55	0.10		
Mount Hope	3.84	4.21	1.21	5.23	4.20	2.98	1.49	5.35	5.55	0.00	2.75	2.94	38.53
Mount McGregor	2.89	2.82	0.94	4.62	2.44	1.77	2.37	1.79	3.47	0.08	0.57	2.30	26.06
Mount Vernon	4.55	4.61	1.25	6.27	5.66	3.10	1.37	4.75	4.53	0.24	2.31	2.83	41.75
New Berlin	1.65	1.45	0.70	2.95	4.00	2.90	4.40	3.40	5.30	1.80	2.20	1.45	31.30
New York (Weather Bureau)	3.56	3.84	1.65	4.53	5.23	2.74	3.30	6.99	3.16	0.30	2.04	2.38	37.72
New York (Central Park)	4.90	4.35	2.08	6.05	6.34	2.78	0.89	5.84	3.58	0.28	2.16	2.47	41.72
North Lake	7.74	3.60	1.20	6.76	6.17	1.79	4.99	3.52	8.84	0.53	3.11	2.88	51.08
Norwich	2.80	3.00	0.74	4.46	4.26	2.99	3.27	6.53	6.04	1.51	2.78	1.80	40.18
Ogdensburg	3.76	2.76	0.64	3.11	4.07	3.36	5.94	2.60	4.67	0.63	2.67	1.76	35.97
Ohioville	3.87	2.44	1.03	5.73	5.71	1.85	1.74	2.77	5.70	0.12	2.53	1.95	35.44
Oneonta	1.24	2.12	0.48	2.28	3.67	3.06	3.10	5.06	7.53	0.06	2.12	0.65	31.37
Oswego	2.88	1.79	0.49	4.34	4.10	4.13	2.43	2.05	5.55	0.18	1.68	1.71	31.33
Palermo	5.08	3.63	0.80	3.81	4.92	2.97	1.92	3.20	7.50	0.49	2.47	3.51	41.10
Perryburg						2.44							
Philadelphia	4.42	3.05	1.14	3.52	4.09	3.99	2.24	4.31		0.38	3.75	2.92	
Port Jervis	3.76	2.01	2.35	6.35	6.48	1.99	1.74	3.07	7.42	0.27	1.50	1.96	35.63
Rhinebeck	3.48	2.30	1.02	6.63	4.72	1.99	3.61	2.93	5.33	0.06	3.67	1.78	37.54
Rifton	3.92	3.01	0.69	6.43	5.45	2.18	2.41	2.32	5.56	0.10	3.58	2.12	37.77
Rochester	1.77	3.07	1.10	4.05	3.55	2.81	3.98	2.71	5.71	0.08	0.48	2.28	31.59
Roslyn	4.36	4.16	1.75	6.41	5.57	3.58	1.41	5.35	4.13	0.37	3.80	2.47	43.36
Roxbury	3.14	2.50	2.13	5.34	5.44	3.48	3.73	3.48	6.71	0.39	2.07	1.44	38.85
Salisbury	3.51	2.08	0.90	5.68	5.99	2.67	4.47	5.20	9.89	0.42	2.89	2.69	46.29
Searsdale	4.45	4.38	1.22	5.34	6.12	2.61	0.96	4.97	5.44	0.26	2.39	2.53	40.67
Serauket	4.72	3.72	1.48	5.87	5.08	2.42	0.40	5.63	3.52	0.23	2.52	2.69	38.18
Sharon Springs (No. 1)						3.31	3.72	3.39	6.09	0.49	1.90	2.68	
Sharon Springs (No. 2)	4.38	2.30	1.27	4.38	5.28	3.52	3.51	3.35	5.20	0.58	1.92	2.94	38.93
Sherburne	3.39	3.30	1.52	5.82	6.19	3.29	3.30	3.41	5.55	1.80	1.36	1.58	40.51
Shortsville	0.82	1.46	1.36	5.19	3.70	3.55	4.58	2.39	6.15	0.19	0.68	1.33	31.40
Silver Bay	3.32	2.82	0.28	6.62	5.71	1.98	3.04	4.08	5.17	0.41	3.09	0.78	37.30
Skaneateles	3.75	3.20	0.88	2.66	4.78	2.87	5.95	1.46	7.46	0.47	1.81	1.90	37.19
Rodas	2.82	3.55	0.91	4.51	4.46	2.74	4.33	2.60	7.81	0.28	1.10	2.16	37.27
Southeast Reservoir	4.42	2.65	1.21	6.31	4.13	2.41	2.74	4.25	5.72	0.14	3.91	2.60	40.49
Spier Falls	3.43	2.34	0.55	6.40	4.37	1.25	3.96	3.05	4.90	0.34	2.31	1.68	34.58
Stillwater Reservoir						6.70	5.87	3.05	6.32	7.59			
Syracuse	2.49	2.75	0.67	3.87	3.06	1.97	4.95	1.59	6.76	0.39	1.93	1.66	32.00
Taberg	3.90	3.17	1.58	7.04	8.45	6.08	3.66	4.65	9.00	1.57	5.62	3.33	58.14
Tribeshill	2.45	2.55	0.80	4.68	5.12	1.86	2.10	4.98	3.75	2.02	1.97	1.51	33.79
Troy	1.83	1.73	0.53	5.18	2.36	1.47	4.00	4.09	6.20	0.10	2.53	0.89	36.91
Utica	2.74	1.12	0.67	5.40	3.68	2.24	5.30	4.25	7.93	0.14	2.29	4.13	36.79
Walden	3.57	2.57	1.50	4.69	6.66	1.98	1.66	2.17	6.06	0.20	2.50	1.58	35.14
Walton	2.92	1.73	0.56	4.98	4.51								
Wanakena	4.76	2.36	0.50	4.45	4.93	4.99	3.07	5.36	6.98	1.12	2.25	2.28	43.62
Wappingers Falls	3.11	2.34	1.27	5.18	5.39	2.31	2.99	2.82	5.50	0.19	3.38	2.06	36.66
Watertown	3.76	2.50	1.72	5.56	4.91	2.14	4.20	6.21	5.63	0.24	1.80	1.88	40.55
West Berne	3.88	4.00	0.95	2.89	4.72	1.84	2.61	4.14	7.25	1.36	3.67	3.08	46.34
Westerleigh	1.12	1.79	0.70	4.73	5.01	3.05	4.04	4.52	5.22	1.39	2.68	0.42	34.67
West Point	5.25	4.52	2.13	6.03	6.45	3.44	1.81	6.47	3.62	0.28	1.94	2.57	44.64
Willard	1.64	2.00	0.89	3.04	4.20	3.22	2.70	1.21	7.60	1.15			
York	1.17	1.64	0.76	3.98	3.27	2.48	4.73	2.04	5.79	0.19	0.70	2.02	28.77
<i>North Carolina</i>													
Albemarle	3.69	4.04	1.09	5.44	4.20	6.20	2.01	1.13	8.48	0.98	1.81	3.37	43.64
Altapass	5.73	2.97	2.55	5.33	3.18	1.67	3.00	4.27	8.31	1.40	1.00	5.20	51.01
Andrews	3.74	4.85		5.64	4.04	5.82				0.77	0.73	10.06	
Asheville	3.74	2.79	2.56	3.58	3.07	1.91	5.70	2.34	4.23	1.21	0.41	4.03	35.47
Banners Elk	5.90	4.24	4.81	4.60	5.22	4.19	4.19	6.48	7.22	1.30	1.90	3.79	54.77
Beaufort	5.00	5.19	2.12	4.30	5.87	6.80	6.14	6.80	11.85	19.65	1.03	2.10	73.92
Belhaven		5.94	1.92	1.31	5.64	7.08	7.63	6.46	14.43	0.52	2.05		
Brevard	3.24	5.32	3.09	5.71	3.46	6.15	11.02	4.24	9.84	1.26	0.90	0.62	69.45
Brewers	5.57	2.39	2.71	4.26	4.84	2.63	6.06	9.18	6.06	1.67	2.13	6.20	54.85
Bryson City	6.81	4.53	4.53	6.15	5.12	2.23	3.30	3.07	6.48	0.11	1.10	6.30	49.78
Caroleen	5.46	3.75	2.46	6.98	2.05	3.36	7.24	1.25	13.81	1.10	0.92	3.14	51.62
Chadbourne	3.38	4.24											
Chapel Hill	4.73	3.73	2.41	4.79	4.62	3.68	7.82	9.21	14.01	1.45	2.23	3.41	67.15
Charlotte	3.98	4.18	2.40	6.78	2.82	7.86	3.01	0.94	10.84	0.45	1.87	4.33	48.36
Chilhowee	4.42	2.01	3.08	3.90	3.74	0.96	2.66	1.14	5.36	0.75	0.53	6.06	34.69

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>North Carolina—Continued</i>													
Goldsboro.....	4.39	5.86	2.46	3.71	7.04	5.42	5.72	4.58	14.16	0.81	1.43	5.54	61.12
Gorge.....	6.91	4.71	2.92	7.09	3.77	2.72	9.77						
Graham.....	3.80	3.81	2.47	4.27	8.51	4.17	3.59	4.94	7.61	0.71	1.10	2.83	47.72
Greensboro.....	3.29	3.20	3.28	4.56	5.10	5.11	5.34	4.52	8.74	0.90	1.24	3.74	49.02
Greenville.....	4.33	5.72	1.39	3.22	4.10	8.02	6.08	5.74	10.39	2.45	1.91	2.80	55.55
Hatteras.....	5.40	6.15	3.52	4.17	4.95	7.15	12.10	4.44	9.35	1.03	3.45	4.63	66.34
Henderson.....	4.06	3.56	3.60	4.45	8.28	6.30	4.72	1.79					
Hendersonville.....	8.32	4.59	4.15	7.35	3.09	2.83	7.40	2.08	9.14	1.59	0.63	6.75	56.92
Hickory.....	5.61	3.44	4.02	5.69	3.82	8.92	6.37	2.25	8.02	1.78	0.81	7.46	58.19
Hiddenite.....	6.08	4.04	2.97	4.91	1.62	5.99	8.68	1.85					
Highlands.....	8.67	5.80	5.35	10.53	5.49	1.83	11.82	4.02	15.32	1.14	1.06	10.90	81.93
High Point.....	2.67	3.58	2.68	5.33	3.74	2.65	2.66	3.28	6.76	0.65	0.93	4.13	39.06
Hot Springs.....	3.91	2.87	2.73	3.59	4.44	3.90	4.32	4.98	4.52	1.27	2.09	4.85	43.47
Jefferson.....	6.86	2.84	3.29	5.89	4.73	3.84	7.51	2.45	10.40	1.69	1.57	3.10	64.17
Kenansville.....	4.07	3.54	2.31	3.00	5.97	11.99	7.15	3.11	14.50	0.49			
Kinston.....	3.94	5.68	2.21	2.92	5.36	4.81	5.55	2.93	15.53	0.90			
Lenoir.....	5.21	3.03	2.74	5.14	4.27	2.11	7.39	4.00	9.29	1.24	1.26	5.85	51.47
Linville Falls.....	8.16	4.59	3.43	5.68	3.71	2.84	7.88	5.10	10.95	1.63	1.40	7.17	62.44
Louisburg.....	5.62	4.10	2.70	4.22	9.20	5.67	7.13	3.09	12.37	1.47	1.17	1.40	58.14
Lumberton.....	4.63	5.18	2.67	5.16	6.58	5.53	10.21	3.57	14.03	1.15	0.79	6.24	65.74
Manteo.....	2.54	6.68	3.02	3.38	3.50	7.84	4.54	3.78	13.27	0.50	1.76	7.86	58.67
Marion.....	7.80	3.20	2.28	4.60	4.06	3.95	9.01	1.64	8.17	1.49	0.89	5.58	52.28
Marshall.....	3.34	2.35	3.17	3.88	2.85	3.51	5.12	2.00	3.82	0.50	1.70	3.45	34.69
McHenry's Bridge ¹	4.04	3.67	2.81	5.40	4.68	4.88	4.07	6.60	8.46	0.77	0.20	5.07	51.65
Moncure.....	3.08	4.77	1.64	2.98	4.14	4.24	4.38	1.80	9.38	1.63	1.41	2.34	42.39
Monroe.....	3.95	4.91	1.58	5.36	3.50	2.64	3.53	0.15	9.55	1.00	2.09	4.41	42.67
Montreat.....	5.65	4.89	3.39	4.82	3.51	3.90	6.84	2.77	9.12	1.33	0.67	5.80	52.69
Morganton.....	5.65	3.19	3.10	6.44	4.24	5.62	7.48	3.88	9.82	2.03	0.89	6.12	58.37
Mount Airy.....	3.84	3.14	2.67	3.69	4.30	3.32	5.95	3.75	7.58	1.67	1.47	5.85	47.20
Mount Holly.....	4.78	4.84	2.67	5.26	5.26	6.13	5.95	0.78	13.89	0.88	1.30	3.37	55.20
Mount Mitchell.....				5.62	5.00	3.90	9.19	4.43	11.35	2.00	0.30		
Murphy.....	5.96	3.96	4.23	8.75	4.76	3.60	1.62	2.69	5.30	0.61	0.51	5.98	47.97
Nashville.....	4.13	5.23	1.99	2.75	10.53	5.94	3.87	5.54	16.46	1.29	2.04	2.55	62.34
Neuse.....	3.56	4.12	2.35	2.48	5.19	5.23	4.68	6.14	11.70	1.60	1.42	2.32	50.79
Newbern.....	4.42	5.69	3.03	3.66	5.46	7.85	12.13	7.51	12.62	1.77	2.00	5.16	71.30
New Holland.....	4.55	4.70	2.66	3.02	5.51	5.10	9.54	5.31	11.81	0.48	2.57	3.79	59.04
North Wilkesboro.....	4.71	3.43	2.47	5.27	1.80	3.78	3.25	5.02	6.42	1.70	1.29	4.25	43.39
Oxford.....	4.19	2.53	3.49	2.94	9.43	7.15	3.86	2.61	10.29	1.79	1.72	2.51	52.51
Parker.....	2.04	2.91	3.07	6.45	5.12	7.14	4.00	7.04	5.44	1.05	0.93	2.26	47.45
Penrose.....	8.10	4.37	4.74	8.21	4.10	4.21	5.97	5.03	9.50	1.46	0.82		
Pinhurst.....	4.74	3.83	1.94	3.97	6.55	3.40	6.34	1.70	9.85	1.40	2.44	3.41	46.57
Raleigh (Weather Bureau).....	3.94	4.95	2.08	3.08	5.16	6.75	5.59	5.89	10.12	1.28	1.69	3.81	54.24
Raleigh (No. 2).....	3.75	4.39	2.06	2.60	4.47	5.37	3.97	6.70	10.63	0.83	1.34	3.22	51.83
Randleman.....	3.40	4.90	2.50	4.23	6.62	3.96	5.64	3.12	8.71	1.20	1.17	2.29	46.83
Red Springs.....	4.34	4.44	1.94	4.73	6.77	12.53	4.73	4.54	13.97	0.65	1.07	4.80	64.51
Reidsville.....	3.90	3.16	3.65	3.18	6.05	2.67	3.47	1.70	6.93	1.14	1.82	3.70	41.37
Rock House (No. 1).....	8.60	5.84	4.87	11.03	4.70	1.99	14.83	3.27	14.34	1.31	0.94	12.03	83.75
Rock House (No. 2).....	10.40	6.40	5.33	11.15	4.61	2.20	15.49	4.11		1.14	0.93	11.43	
Rockingham.....	4.12	5.20	2.10	4.50	4.49	8.14	4.27	2.37	8.66	1.25	2.70	4.10	51.90
Rocky Mount (No. 1).....	3.93	5.04	1.84	2.46	6.71	6.24	4.49	5.21	15.68	0.90	1.00	2.74	56.24
Rocky Mount (No. 2).....	4.62	5.30	1.99	3.11	5.17	7.12	9.19	4.21	10.97	1.70	1.16	3.65	68.19
Rougemont.....	3.15	2.85	2.45	3.45	10.15	2.90	3.30	4.40	17.39	1.31	1.12	3.90	56.37
Salisbury.....	3.36	4.17	3.22	4.59	6.21	2.25	3.46	2.43	9.91	1.00	1.39	5.97	45.06
Samartorium.....	4.01	5.15	1.53	4.11	4.78	8.14	5.45	2.69	9.26	1.08	1.91	4.67	52.92
Scotland Neck.....	4.19	5.42	2.34	2.30	6.54	3.78	8.14	5.30	9.78	1.15	1.22	3.67	53.83
Settle.....	4.72	3.42	2.67	5.30	5.66	5.43	3.72	8.18	9.93	0.99	0.90	4.44	48.66
Shelby.....				7.95	5.30	8.90	8.50	1.00	9.80	1.40	0.90	5.90	
Sloan.....	3.15	5.98	1.68	2.42	4.68	9.02	10.75	4.13	15.63	0.55	1.14	3.95	63.98
Smithfield.....	4.35	5.68	1.62	2.41	8.09	8.48	4.24	2.70	16.23	1.25	1.11	4.37	60.60
Southern Pines.....	4.78	5.45	1.55	4.07	5.47	7.51	8.66	3.55	8.87	1.50	2.45	5.24	59.10
Southport.....	3.44	4.01	0.92	2.92	5.05	6.34	5.31	4.97	21.10	3.38	1.30	4.48	68.17
Statesville.....	4.95	2.93	3.65	6.22	5.77	4.93	3.67	3.32	10.25	0.86	0.93	5.83	53.31
Stonewall.....	5.82	6.17	3.05	3.46	4.40	5.48	11.14	7.48	13.63	0.75	2.40	2.10	65.97
Swansboro.....	3.55								17.73	0.75	1.77	3.98	
Tarboro.....	4.18	5.69	1.73	2.58	8.43	5.43	5.99	4.42	7.98	1.01	1.01	2.96	48.41
Tryon.....	6.58	3.32	3.88	8.16	2.67	3.11	7.55	0.93					
Washington.....		5.35											
Waynesville.....	6.31	3.82	3.05	4.19	3.65	3.35	5.48	1.84	5.73	1.30	0.80	6.73	45.27
Weldon.....	3.91	4.68	3.26	2.78	9.13	4.80	5.37	2.86	13.07	1.17	1.26	2.71	55.02
Wenona.....	4.28	5.67	2.02	2.69	5.36	9.44	10.20	5.12	12.31	0.39	2.69	5.51	65.08
Willard.....	4.04	5.71	2.14	2.33	6.58	7.76	7.48	1.55	13.98	0.53	1.36	4.38	57.84
Willetts (near).....									2.67	7.33	0.02	6.67	
Wilmington.....	2.21	2.61	2.70	2.20	5.02	8.23	13.82	2.53	16.93	0.90	1.34	3.32	61.81
Winston-Salem.....	3.44	3.33	3.25	4.35	4.06	3.17	4.26	3.57	8.68	1.30	1.27	3.51	44.21
<i>North Dakota</i>													
Amenia.....	T.	0.80	0.16	2.23	0.64	4.13	3.06	2.05	4.73	2.83	0.16	0.24	21.03
Amidon.....	0.02	0.25	1.20	0.71	0.82	2.27	1.94	0.92	0.69	3.38	0.02	0.59	12.81
Arnegard.....	0.43	0.60	1.02	1.27	1.08	4.70	1.25	0.54	0.66	2.72	0.19	0.60	15.06
Ashley.....	0.10	0.40	0.59	2.37	0.18	4.94	1.31	1.45	3.10	2.95	T.	0.56	17.95
Beach.....	T.	0.42	0.61	1.01	0.72	3.96	1.09	0.71	0.71	2.34	0.13	0.54	12.24
Berthold Agency.....	T.	T.	0.20	0.71	0.68	4.78	1.19	0.19	0.82	3.22	0.03	0.27	12.09
Bismarck.....	0.04	0.28	0.58	1.90	0.45	6.21	1.40	1.91	1.60	2.02	0.95	0.23	16.67
Botlineau.....	0.18	0.07	0.23	0.50	0.26	2.74	2.52	1.81	1.85	2.47	0.48	0.42	13.33
Bowbells.....	0.00	0.13	0.14	1.41	0.67	7.57	0.94	1.72	0.98	4.80	0.23	0.35	18.94
Bowman.....	0.08	0.57	0.21	0.94	0.92	3.94	2.01	2.16					

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>North Dakota—Continued</i>													
Dunn Center	0.17	0.20	0.72	1.45	0.76	3.88	1.21	0.33	0.83	3.48	T.	0.56	13.50
Dunseith	0.26	0.30	0.14	0.81	0.02	2.81	3.39	1.29	2.66	3.34	0.58	0.29	15.89
Eckman	0.40	0.16	0.04	0.68	0.19	2.77	2.02	1.45	1.86	2.45	0.53	0.21	12.47
Edgeley	T.	0.20	0.36	3.73	0.73	2.79	0.91	0.71	2.71	1.65	T.	0.28	14.05
Ellendale	0.07	0.28	0.76	2.63	0.85	3.74	1.53	2.74	2.73	1.35	0.12	0.05	17.55
Energy	0.23	0.37	0.26	1.23	0.93	4.25	2.81	0.46	0.92	2.43	0.15	0.13	14.17
Eppling	0.35	0.35	1.06	1.77	0.97	5.46	1.84	1.65	0.98	1.83	0.35	0.32	16.93
Fessenden	0.41	0.45	0.25	4.18	0.69	4.75	0.61	0.92	3.36	1.96	0.15	0.37	18.10
Finley	0.45	0.40	0.49	3.45	0.91	2.76	1.52	3.34	3.89	2.10	0.18	0.34	19.83
Forman	0.00	0.50	0.59	4.12	0.70	2.15	1.67	3.51	3.79	1.29	0.00	0.32	18.64
Foxholm	0.54	1.01	0.11	2.00	0.39	4.86	1.33	0.88	1.04	2.28	0.23	0.56	15.25
Fryburg	0.23	0.61	1.45	2.01	0.94	4.63	0.92	0.64	0.50	2.98	0.10	0.70	15.71
Fullerton	0.25	0.50	0.97	3.66	1.13	3.05	1.47	1.69	3.30	2.12	0.16	0.80	19.16
Garrison	T.	0.41	0.72	1.70	0.93	6.06	2.61	1.71	0.95	1.98	0.02	0.13	17.22
Grifton	0.41	0.14	0.18	4.39	1.17	2.71	3.23	2.47	3.09	2.45	0.22	0.33	20.79
Grand Forks	0.81	0.33	0.31	3.95	2.38	2.07	1.86	2.43	3.19	2.46	0.17	0.56	20.52
Granville	0.32	0.66	T.	1.29	0.89	3.48	2.35	1.09	1.80	1.63	0.12	0.40	14.03
Hannah	0.96	T.	0.32	3.64	0.28	3.14	1.97	1.39	2.36	3.58	0.40	0.48	18.52
Hansboro	T.	0.60	T.	3.82	0.50	3.36	2.79	1.65	2.79	2.52	0.24	0.48	18.75
Hettinger	0.20	0.22	1.12	1.39	0.41	3.93	2.15	0.71	0.50	3.14	0.02	0.81	14.60
Hillsboro	0.20	0.40	0.05	3.09	1.17	2.20	2.11	1.56	2.62	2.40	0.10	0.55	16.45
Howard	0.61	0.49	1.00	1.85	1.06	4.17	2.89	0.84	1.05	1.53	0.85	0.84	17.18
Jamestown	0.04	0.70	0.18	4.93	0.60	4.00	2.19	1.98	5.12	1.92	0.03	0.32	22.01
Lamoine	0.00	0.41	0.23	1.15	0.70	5.52	0.68	0.53	2.94	1.68	T.	0.16	14.00
Langdon	0.88	0.65	0.56	4.80	0.29	2.63	2.41	1.15	4.23	3.35	0.54	0.40	21.89
Larimore	0.62	0.75	0.46	4.85	2.43	4.55	1.77	3.96	4.58	3.01	0.24	0.34	27.56
Linton	0.50	0.61	0.88	1.82	0.55	4.17	3.66	1.85	1.69	1.48	0.04	0.48	17.53
Lisbon	0.20	0.29	T.	4.25	1.35	3.70	0.83	2.59	4.57	1.47	T.	0.16	19.34
McClusky	0.10	0.48	0.50	1.81	1.05	6.18	1.15	0.87	2.12	2.34	0.06	0.32	16.98
McHenry	0.30	0.89	0.13	4.91	0.83	6.73	0.57	1.64	3.80	2.20	T.	T.	T.
McKinney	0.28	0.40	0.14	2.03	0.45	5.93	2.26	1.55	1.21	3.05	0.56	0.42	18.29
McLeod	0.13	0.32	0.11	3.69	0.83	4.26	2.31	2.27	3.91	2.43	0.10	0.45	20.81
Maddock	0.16	0.15	0.08	3.14	0.95	2.82	1.68	1.83	3.42	1.90	0.13	0.25	16.51
Mandan	0.03	0.19	0.34	1.68	0.41	5.56	2.07	2.35	1.34	1.94	0.06	0.22	16.19
Manfred	0.55	0.63	0.28	2.40	0.67	3.45	1.48	1.27	3.24	1.56	0.24	0.49	16.26
Marmarth	0.22	0.54	1.36	1.82	1.14	2.97	2.48	1.08	0.48	3.17	0.22	0.79	16.25
Mayville	0.24	0.40	0.52	3.32	3.32	3.45	2.48	1.89	2.76	2.95	0.02	0.40	21.75
Melville	T.	0.60	0.28	4.41	0.94	3.97	1.05	1.87	3.67	2.58	T.	0.32	19.59
Minot	0.20	0.45	0.05	1.45	0.87	4.78	1.69	1.66	1.21	2.20	0.02	0.38	15.06
Minto	0.52	0.21	0.16	3.63	0.91	2.63	2.53	2.29	3.85	2.82	0.23	0.41	19.99
Mott	0.20	0.56	0.58	1.08	0.28	3.22	1.58	2.67	3.55	T.	T.	0.31	15.16
Napoleon	T.	0.45	0.83	2.57	0.45	4.52	2.46	3.95	2.46	2.77	0.13	0.43	20.02
New England	T.	0.15	0.80	1.22	0.49	2.39	2.45	0.58	T.	2.67	T.	0.12	10.87
New Salem	0.20	0.22	0.96	1.50	0.45	4.67	2.06	0.63	0.73	1.99	T.	0.42	13.83
Park River	0.32	0.38	0.09	5.91	0.81	4.11	2.30	2.35	3.62	2.93	0.08	0.33	23.23
Parshall	T.	0.10	0.00	1.02	0.80	2.60	2.32	1.50	0.60	1.62	0.04	0.45	11.05
Pembina	0.24	0.20	0.18	5.65	0.30	1.85	3.60	1.80	2.27	1.30	0.80	0.40	18.59
Pettibone	0.25	0.51	0.58	2.83	0.63	4.60	T.	T.	2.96	2.50	0.12	0.40	T.
Power	0.35	0.55	0.29	3.08	1.32	4.18	1.15	2.04	3.55	2.20	0.10	0.40	19.21
Powers Lake	0.29	0.35	T.	0.91	0.59	5.29	0.83	2.52	0.85	5.74	0.66	0.55	T.
Richardton	0.17	0.52	0.75	1.65	1.60	3.66	2.54	0.07	0.60	2.28	0.07	0.29	14.10
Sharon	0.21	0.39	0.29	3.72	1.02	4.79	1.29	3.20	4.38	2.14	0.15	0.28	20.96
Stanton	0.04	0.44	0.25	1.53	0.92	4.69	3.97	0.50	0.91	2.12	0.04	0.72	16.12
Steele	T.	0.60	0.15	2.12	0.53	7.39	1.19	1.02	0.80	1.71	T.	0.45	15.99
Towner	0.50	1.00	0.10	1.64	0.30	2.22	1.78	0.26	1.35	2.00	T.	0.12	11.27
Turtle Lake	0.04	0.30	0.87	1.38	0.51	6.59	2.23	0.68	1.58	1.29	0.03	0.78	16.28
Valley City	0.13	0.21	0.24	2.08	0.74	2.40	1.25	0.37	4.58	2.20	0.15	0.29	14.64
Wahpeton	0.00	0.04	T.	3.64	0.80	5.68	2.49	2.15	3.90	2.56	0.00	0.15	21.42
Washburn	0.12	0.23	0.40	3.18	1.25	4.64	2.19	0.88	1.22	0.97	0.06	0.33	15.49
Westhope	0.17	0.17	T.	1.10	0.14	3.48	2.09	1.03	2.46	2.03	0.52	T.	13.19
Williston	0.38	0.34	0.68	1.40	0.99	6.78	2.18	1.22	0.52	1.90	0.38	0.66	17.43
Willow City	0.40	0.50	0.52	1.86	0.33	2.51	2.88	1.26	2.29	2.66	0.68	1.00	16.80
<i>Ohio</i>													
Akron	3.11	1.38	2.41	2.48	4.66	11.12	2.19	2.19	7.88	0.22	0.55	3.46	41.65
Amesville	4.18	2.84	3.76	2.77	4.06	4.25	4.14	3.44	3.78	0.16	1.41	2.47	37.28
Ashland	3.25	2.16	2.65	2.45	3.02	4.82	2.32	2.85	5.60	T.	0.83	3.88	33.78
Athens	4.02	2.34	T.	2.77	4.10	4.06	4.63	2.84	3.92	0.17	1.30	2.29	T.
Bangorville	3.61	2.28	2.88	2.99	3.53	6.20	1.88	1.24	4.68	0.29	1.95	3.90	35.23
Batavia	3.33	1.74	2.32	2.28	3.21	6.35	2.28	2.18	3.27	0.34	1.31	2.31	30.92
Bellefontaine	2.66	1.77	4.33	2.03	4.32	6.21	2.05	2.40	3.26	0.25	1.50	4.50	35.77
Bellport	3.19	1.38	3.69	1.55	4.12	7.06	4.22	T.	T.	T.	T.	T.	T.
Benton Ridge	3.27	1.25	3.62	2.28	4.28	4.90	2.33	1.69	6.48	0.32	1.66	2.49	26.82
Beverly	4.43	1.60	4.37	2.61	4.35	4.11	5.53	3.21	4.71	0.12	1.71	2.28	39.03
Bowling Green	1.38	1.32	2.84	2.79	2.80	7.00	1.35	2.09	2.36	0.91	0.80	4.41	30.05
Bucyrus	5.87	2.87	3.17	2.63	3.94	5.95	2.02	1.69	3.78	0.18	1.13	5.07	38.30
Cadiz	3.42	2.76	4.15	4.44	4.80	4.53	2.46	2.85	4.51	0.15	2.20	1.72	37.99
Cambridge	3.00	2.63	4.45	2.72	4.42	4.42	2.34	2.92	5.24	0.12	2.14	2.25	37.25
Canfield	4.39	2.28	2.39	3.26	6.62	5.79	2.01	2.30	7.76	0.31	1.03	2.54	40.68
Canton	4.16	2.10	2.47	2.36	4.74	6.82	3.08	3.26	5.74	0.17	1.14	3.57	40.21
Catawba Island	3.40	1.32	2.96	2.97	1.67	6.54	2.79	1.60	4.82	0.73	0.76	4.20	33.56
Chillicothe	4.30	1.94	3.78	2.85	4.05	6.73	2.70	2.84	3.97	0.05	1.61	2.54	37.94
Chilo	4.39	2.53	2.89	2.56	2.21	3.96	4.17	3.74	3.25	0.32	T.	4.41	T.
Cincinnati (Abbe Observatory)	4.09	1.70	4.16	2.40	3.87	6.76	1.20	3.63	2.07	0.17	1.09	2.85	31.34
Cincinnati (Government Building)	3.78	1.62	3.74	2.88	3.10	6.22	1.16	3.37	1.71	0.21	1.09	3.16	33.94
Circleville	3.75	1.97	4.89	2.51	4.43	6.30	2.94	2.11					

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924 Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ohio—Continued													
Delaware.....	3.02	1.37	3.85	3.04	4.02	6.68	3.46	1.49	4.12	0.35	2.03	2.85	36.28
Demos.....	3.14	2.83	4.12	3.80	5.12	3.93	3.90	2.60	5.51	0.12	2.21	2.44	39.72
Dennison.....	4.62	2.58	3.86	3.65	4.59	7.93	3.96	1.64	.....	0.14	1.87	3.02	42.90
Dover.....	4.62	1.93	2.78	2.68	6.41	7.43	3.76	2.52	5.33	0.21	1.56	3.47	30.48
Dublin.....	2.94	1.24	3.99	1.25	3.93	6.18	4.02	0.26	2.85	0.00	2.04	2.31	33.73
Eaton.....	2.73	1.74	4.47	1.71	3.92	7.45	2.81	1.32	2.57	0.12	1.85	3.04	35.50
Fernbank.....	4.38	1.70	4.09	1.98	3.85	6.22	1.07	4.87	2.17	0.00	1.36	3.81	36.05
Findlay.....	4.03	1.48	4.61	1.54	4.37	4.61	3.10	1.83	5.39	0.46	1.16	3.47	36.71
Franklin.....	4.10	1.67	4.07	2.32	4.04	7.79	3.29	1.34	2.05	0.00	1.91	4.13	41.96
Fremont.....	3.69	1.41	3.09	2.51	2.97	8.93	2.89	4.65	5.54	0.75	0.89	4.64	38.68
Gallipolis.....	4.84	3.07	3.19	1.89	4.63	5.70	3.50	2.70	4.25	0.17	1.75	2.99	35.91
Garfield Heights.....	2.61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35.91
Germantown.....	4.12	1.50	4.27	2.17	3.72	5.92	4.18	2.09	2.45	0.23	1.48	3.78	43.40
Gnadenhutten.....	4.50	2.43	3.49	2.62	5.64	6.21	4.90	1.60	6.06	0.12	1.92	3.91	37.97
Granville.....	4.40	1.36	3.32	2.18	5.08	8.53	2.41	1.30	4.11	T.	1.96	3.32	36.73
Green.....	.....	3.58	3.04	3.46	2.84	4.47	1.52	3.12	4.58	0.30	.....	.....	36.73
Greenfield.....	4.52	1.98	4.47	.....	.....	.....	.....	.....	.....	.....	.....	.....	36.73
Green Hill.....	3.91	2.22	3.11	3.60	3.49	6.40	2.47	1.62	6.18	0.23	0.95	2.65	4.66
Greenville.....	3.48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35.39
Hamilton (No. 1).....	4.10	1.89	4.53	2.74	3.65	6.31	1.85	1.57	2.73	0.18	1.33	4.51	34.60
Hamilton (No. 2).....	4.11	1.83	4.68	2.05	4.65	5.04	1.44	1.89	3.16	0.00	1.44	4.31	43.01
Hillsboro.....	4.67	2.07	4.65	3.83	3.40	6.15	2.82	3.18	6.59	0.28	1.69	3.68	43.58
Hiram.....	4.46	1.90	2.36	3.28	4.57	6.44	4.08	2.29	9.47	0.34	0.92	3.47	39.57
Ironton.....	4.88	2.69	2.55	2.64	4.02	3.90	3.44	4.92	5.29	0.18	1.48	3.58	38.09
Jackson.....	4.93	2.37	2.90	2.69	3.48	6.24	2.85	2.87	4.94	0.11	2.06	2.65	41.57
Kenton.....	2.07	.....	2.75	2.52	4.10	7.84	1.09	2.62	2.52	0.10	1.83	5.08	37.50
Kings Mills.....	4.96	2.31	5.57	2.77	5.20	6.56	2.46	2.54	3.42	0.01	1.95	3.82	35.48
Kinsman.....	3.88	1.85	2.29	1.18	3.97	5.78	3.76	1.72	8.40	0.73	1.11	2.83	35.48
Lakeview.....	3.15	1.06	3.47	1.72	3.29	12.35	0.96	1.67	2.62	0.00	1.10	3.56	37.50
Lancaster.....	3.92	2.22	6.10	.....	5.97	5.25	1.99	0.87	4.33	0.16	2.48	3.47	35.48
Larus.....	2.97	2.03	3.72	1.81	4.04	7.79	1.38	2.80	2.94	0.04	1.36	4.52	36.69
Lima.....	3.11	1.41	3.75	2.60	4.16	6.89	1.16	3.15	3.33	0.15	1.23	5.75	33.68
London.....	3.64	1.68	3.78	1.86	3.89	6.95	3.86	0.56	2.85	0.21	1.83	2.67	36.70
McArthur.....	4.44	2.57	3.60	2.94	3.80	5.49	3.17	1.70	4.21	0.22	1.76	2.80	37.47
McConnellsville.....	4.00	2.96	5.23	3.26	4.37	4.20	3.62	1.70	4.19	0.13	1.78	2.03	4.04
Madison.....	.....	1.78	3.48	4.90	.....	.....	.....	1.66	8.64	0.25	.....	.....	41.87
Mansfield.....	3.74	2.00	3.23	2.72	5.42	4.06	4.23	1.78	6.70	0.18	1.67	2.85	45.05
Marietta (No. 1).....	4.90	3.33	3.78	2.97	4.09	6.59	3.10	1.92	7.90	0.21	2.03	3.27	36.48
Marietta (No. 2).....	5.08	3.04	4.04	4.09	4.52	3.01	3.92	1.61	5.89	0.19	1.63	2.52	35.16
Marietta Experiment Farm.....	3.97	2.86	3.15	2.69	4.82	7.49	3.43	1.26	3.75	0.05	1.37	4.73	36.98
Marion.....	2.74	1.60	3.77	2.15	3.82	7.18	4.69	0.71	4.22	0.29	1.69	3.48	41.64
Marysville.....	3.40	1.57	3.85	2.22	3.68	7.18	4.69	0.71	4.22	0.29	1.69	3.48	35.50
Medina.....	3.20	2.11	2.33	2.70	3.70	8.80	3.27	2.13	8.97	0.46	0.78	3.19	43.02
Medina.....	4.31	1.46	4.25	1.87	3.61	5.04	3.22	1.56	2.50	0.05	1.87	3.76	37.64
Miamisburg.....	4.48	4.18	3.27	2.18	5.83	5.73	4.87	3.31	4.83	0.30	1.85	2.19	36.27
Middleport.....	4.37	1.84	4.65	1.86	4.60	7.12	3.04	1.35	2.20	0.07	1.85	4.69	39.63
Millford.....	3.72	1.92	3.59	2.83	5.44	6.06	2.20	0.74	5.35	0.16	1.78	2.50	43.92
Millersburg.....	4.74	1.89	3.41	3.17	4.86	8.00	2.14	1.56	6.03	0.18	1.13	2.82	35.45
Millport.....	4.16	2.04	3.05	3.70	5.19	8.25	2.71	2.47	8.29	0.08	1.11	2.87	33.83
Milton Dam.....	2.87	1.54	2.04	3.48	4.39	6.87	2.31	1.86	7.53	0.21	0.74	1.61	33.83
Montpelier.....	2.32	2.07	3.27	1.93	3.25	7.80	2.17	1.97	4.24	0.64	0.83	3.94	36.48
Mount Healthy.....	4.46	1.83	5.05	2.39	3.45	4.88	1.88	3.70	3.11	0.22	1.36	4.15	34.40
Napoleon.....	3.15	1.03	3.79	2.46	3.80	5.32	1.32	2.09	4.80	0.98	0.93	4.79	29.33
New Bremen.....	2.95	1.29	3.46	2.09	3.25	5.78	0.71	1.19	2.50	0.02	1.39	4.79	38.56
New Bremen.....	3.57	1.25	4.12	1.76	4.04	7.35	3.35	.....	.....	.....	.....	.....	42.49
North Bass Island.....	2.22	.....	1.74	2.36	1.80	4.24	0.94	1.28	3.91	0.60	0.48	2.02	35.64
Norwalk.....	2.23	1.81	2.10	2.83	4.42	8.97	2.89	2.20	5.81	0.99	0.44	3.87	36.48
Oberlin.....	2.95	1.73	2.26	2.32	3.98	9.61	3.36	2.44	8.76	0.33	0.84	3.89	35.64
Oota.....	3.67	1.57	4.51	2.02	3.79	7.33	2.79	1.76	3.35	0.20	1.08	2.97	32.68
Ohio State University.....	3.04	1.68	3.96	2.32	3.83	6.41	3.34	0.16	3.08	0.12	1.78	2.36	36.45
Ottawa.....	2.74	1.37	4.34	2.25	4.18	5.73	1.80	2.22	5.42	0.19	0.98	5.23	43.82
Oxford.....	3.30	1.70	3.80	1.86	4.59	7.94	2.29	1.14	4.44	0.18	2.52	3.31	36.85
Pataskala.....	4.74	2.25	5.22	3.27	4.55	7.50	4.70	1.14	4.44	0.18	2.52	3.31	35.11
Paulding.....	2.88	1.09	4.08	2.66	3.87	6.40	1.96	2.28	4.05	0.78	1.22	3.38	35.11
Peebles.....	4.87	2.26	3.27	2.44	3.73	3.99	2.69	2.21	5.83	0.08	1.80	3.38	40.64
Philo (No. 1).....	4.08	2.63	4.37	2.34	4.38	3.82	4.22	1.79	3.80	0.03	1.82	1.88	40.37
Philo (No. 2).....	4.35	3.08	5.43	2.72	4.94	5.14	4.59	2.77	3.74	0.02	1.74	2.12	34.77
Piqua.....	3.13	1.47	4.48	1.74	4.25	10.03	1.71	2.13	3.85	0.08	2.99	4.46	37.61
Pleasant Hill.....	3.96	1.37	4.39	1.92	3.68	8.63	1.47	1.67	2.92	0.04	2.07	2.65	37.61
Portsmouth (No. 1).....	5.25	2.44	3.10	2.69	4.22	3.17	2.84	3.63	4.81	0.18	1.94	3.44	36.90
Portsmouth (No. 2).....	5.03	2.55	2.78	2.66	4.34	3.24	2.62	4.30	4.15	0.20	1.92	3.11	28.41
Prospect.....	2.82	0.70	3.18	.....	4.96	6.56	2.62	1.13	2.96	0.00	0.84	2.64	36.24
Put in Bay.....	2.40	1.53	1.97	3.20	1.99	4.86	1.46	2.02	4.64	0.31	0.61	3.42	36.24
Saint Paris.....	3.81	1.98	4.67	1.92	4.39	8.27	1.89	.....	.....	.....	.....	.....	35.43
Sandusky.....	3.11	1.67	2.93	2.93	2.23	7.68	2.85	2.02	3.95	0.11	1.57	2.68	34.91
Sidney.....	3.70	1.61	3.63	1.75	4.13	8.88	2.42	1.10	3.00	0.20	1.91	3.37	44.16
Springfield (No. 1).....	3.21	1.38	3.98	1.78	3.88	7.66	4.06	0.88	3.00	0.20	1.91	3.37	37.29
Springfield (No. 2).....	.....	1.17	5.22	1.57	4.07	7.77	3.75	1.87	3.41	0.14	2.10	3.48	35.13
Summerfield.....	4.86	2.37	4.52	3.93	4.82	4.95	5.32	4.35	4.17	0.29	2.08	2.50	35.64
Tiffin.....	3.58	1.39	3.75	2.93	4.51	6.27	2.26	2.07	5.03	0.20	0.90	4.39	41.13
Tiltonville.....	3.99	2.44	3.20	2.77	4.20	4.79	2.06	3.76	4.02	0.29	1.85	1.76	31.46
Tippecanoe City.....	3.38	1.66	4.42	2.16	3.82	7.59	3.16	0.98	3.05	0.16	2.51	3.05	38.57
Toboso.....	4.63	2.43	4.21	2.36	6.05	6.10	2.90	0.84	5.69	0.17	2.27	3	

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ohio—Continued													
West Manchester			4.69	2.24	5.63	12.21							
Wiloughby	2.90	1.18	1.18	3.16	3.12	4.69	2.80	1.37	7.32	0.26	1.52	3.45	32.46
Wilmington	5.02	2.13	5.05	2.05	6.90	5.94	4.84	1.59	3.76	0.41	1.78	2.11	41.48
Wooler (No. 1)	3.98	2.16	2.82	2.86	4.13	6.40	4.32	2.34	5.36	0.30	1.97	3.44	38.90
Wooler (No. 2)	3.43	1.75	2.47	2.64	4.07	6.62	4.74	2.47	5.35	0.31	0.85	1.61	33.33
Xenia	3.56	1.20	3.17	1.64	4.04	5.80			2.27	0.19	1.61	3.66	38.08
Youngstown	3.57	2.35	2.07	2.65	4.52	4.76	1.78	2.01	7.04	0.16	0.72	2.80	33.93
Zanesville	3.92	2.42	5.58	2.38	5.40	4.86	2.34	3.94	3.80	0.05	1.90	1.57	38.14
Oklahoma													
Ada	0.98	1.30	3.66	5.96	3.78	3.67	1.34	0.66	2.26	0.24	0.80	3.60	28.25
Altus	0.05	0.30	2.94	3.51	1.50	1.44	1.76	4.28	0.46	2.44	0.97	0.47	20.12
Alva	0.22	0.57	4.61	5.53	0.40	2.33	4.58	3.03	3.68	2.51	2.24	0.90	30.69
Antlers	3.80	1.56	4.01	3.98	4.50	3.31	0.00		4.13	0.79	2.44	6.49	28.72
Apache	0.23	0.48	4.26	4.74	3.23	3.04	3.54	2.24	1.62	0.43	0.78	2.13	28.72
Arapaho	0.00	0.50	2.60	3.65	0.88	2.20	2.85	4.84	1.44	2.21	1.56		
Ardmore	0.65	0.70	3.84	7.20	2.80	4.19	0.33	1.93	1.71	0.00	0.71	1.82	25.88
Bartlesville	1.81	1.21	2.14	3.21	4.40	5.10	3.74	4.09	3.79	1.60	2.13	2.35	35.57
Beaver	0.10	0.30	3.30	1.62	0.89	1.17	1.87	1.62	1.10	2.13	0.36	0.90	15.36
Billings	0.31	0.77	3.20	4.63	1.57	4.60	2.39	3.84					
Blackwell	0.58	0.81	3.15	3.32	1.86	3.53	3.52	3.11	5.08	2.11	2.81	0.83	30.71
Bristow			4.60	4.34	0.75	1.87	1.98						
Broken Arrow	1.35	1.15	3.40	5.86	1.40	2.25	7.57	1.43	5.42	0.04	1.56	1.97	32.66
Broken Bow	1.10	0.55	2.55	3.82	7.47	1.30	0.00	1.84	6.05	0.00	2.20		
Buffalo	0.00	T.	3.57	3.92	0.85	1.22	2.96	3.94	2.83	2.42	0.40	1.15	23.26
Calvin	1.38	0.98	3.10	6.84	4.20	3.45	0.87	1.78	2.17	1.54	1.17	1.93	29.41
Camargo	T.	0.55	3.28	2.56	0.75	1.28	2.77	3.67	1.84	3.25	1.52	0.48	21.95
Canton	T.	1.22	3.05	3.77	1.56	2.59	3.87	1.41	1.65	0.60	2.45	0.95	23.12
Carnegie	0.10	0.67	3.38	3.93	2.74	3.00	2.02	1.89	1.45	0.40	1.90	0.56	22.04
Chandler	0.60	0.50	3.21	4.76	1.40	1.94	2.28	2.78	3.60	1.08	2.94	1.83	26.92
Chattanooga	T.	0.55	2.93	3.17	1.98	3.37	0.84	4.09	0.50	0.55	0.76	0.60	19.34
Cherokee	0.30		3.09	4.22	0.47	1.99	4.70	2.37	5.42	1.42	1.57	0.64	
Cheyenne	0.02	0.29	2.51	2.41	0.75	2.91	3.14	4.53	1.98	4.26	1.67	0.41	24.88
Chickasha	0.11	0.25	2.95	5.23	3.69	1.57	2.73	0.88	1.64	0.82	1.11	2.13	23.11
Claremore	1.88	2.22	3.06	5.05	3.84	4.67	4.78	0.97	4.40	0.03	2.12	2.04	35.06
Cleveland	1.35	1.18	3.23	4.40	1.42	2.84	4.65	1.27	4.08	0.58	2.32	1.67	28.99
Cload Chief	T.	0.55	3.69	3.86	2.49	3.53	3.03	3.02	3.67	0.51	2.31	0.40	27.10
Durant	1.58	1.10	3.99	3.68	4.42	2.86	1.67	1.76	3.61	1.00	0.71	3.66	29.06
Enid				1.65	1.15	2.91	2.12	2.96	2.44				0.93
Erick	0.00	0.26	1.96	2.08	0.94	2.33	2.54	2.33	1.28	3.70	1.43	0.42	19.27
Eufaula	1.22	0.95	3.35	5.15	1.84	4.70	1.25	1.33	3.89	0.00			
Fort Gibson	1.25	1.29	4.72	7.16	4.54	8.02	4.53	1.60	6.05	1.20	3.23	3.33	46.92
Fort Reno	0.05	1.08	3.52	3.18	3.74	3.23	3.79	0.86	2.81	0.21	1.40		
Frederick	0.11	0.22	3.67	4.60	0.89	3.27	1.74	3.32	0.40	1.51	0.41	0.97	21.11
Geary	0.07	0.70	3.50	3.23	2.27	2.81	3.66	1.66	1.79	0.29	1.93	0.48	22.39
Goodwell	0.30	0.20	1.70	1.85	2.00	0.41	1.15	2.65	1.05	0.62	0.06	0.13	12.12
Guthrie	0.14	0.99	3.55	3.65	2.18	3.46	2.40	1.20	2.32	0.42	1.67	1.04	23.92
Hammon	T.	0.33	2.93	2.69	1.23	1.85	2.90	3.21	2.68	3.34	1.77	0.56	23.49
Hennessey	0.25	0.10	4.61	2.89	0.72	2.71	2.16	0.98	2.53	0.92	1.59	0.90	19.76
Hobart	0.05	0.50	3.37	2.88	0.59	3.17	2.52	3.58	1.46	2.54	1.89	0.55	23.22
Holdenville	1.24	0.71	4.23	5.64	2.49	2.89	1.03	4.40	2.68	0.31	0.69	3.07	26.18
Hollis	T.	0.42	2.97	2.56	0.38	4.27	2.82	3.45	2.43	3.05	1.15	0.25	23.75
Hooker	0.15	0.35	2.40	1.48	1.05	1.29	2.95	2.45	0.81	1.01	0.18	0.25	14.47
Hugo	2.38	1.94	4.01	2.17	5.85	2.58	0.35	1.73	3.14	0.10	1.93	4.32	30.60
Hirley	0.10	0.33	1.44	0.87	2.44	0.68	5.32	2.05	0.86	2.35	T.	1.33	17.77
Jefferson	0.31	0.48	4.56	4.17	1.06	2.85	2.44	2.98	5.99	1.08	2.20	0.60	26.72
Kenton	0.15	1.18	1.62	0.74	1.47	0.29	0.35	1.94	0.71	0.41	T.	0.86	6.72
Kingfisher	0.12	0.81	3.62	3.07	1.37	3.02	5.26	0.95	2.02	0.75	2.15	0.53	23.67
Lawton	0.20	0.30	3.19	4.79	2.43	3.50	1.42	4.90	0.70	0.97	1.00	0.96	24.40
McAlester	1.74	3.55		6.39	4.33	3.84	2.07	1.63	4.41		1.35	1.52	
Manum	0.00	0.67	3.50	2.43	1.43	6.01	4.02	2.48	1.76	2.93	1.89	0.48	37.65
Marlow	0.17	0.46	3.38	4.96	3.11	2.13	0.66	0.87	0.83	1.06	1.03	0.42	19.06
Meeker	0.95	0.57	5.34	4.83	2.30	4.23	1.74	3.18	2.67	1.69	3.11	1.77	32.35
Miami	1.06	2.69	1.91	4.27	6.28	4.56	4.17	6.82	5.16	2.04	2.93	2.45	44.81
Muskogee	1.47	1.50	5.28	7.25	4.96	5.64	3.90	0.83	5.80	0.94	2.95	3.90	44.51
Mutual	0.10	0.49	3.15	3.99	0.96	0.81	4.29	5.10	2.44	1.62	1.60	0.89	25.44
Newkirk	1.02	0.80	4.25	4.11	2.83	4.27	3.87	4.40	5.42	1.38	4.12	0.77	37.24
Norman	0.94	0.38	4.28	5.48	0.87	3.23	1.82	0.56	2.20	1.46	1.62	1.25	24.00
Oakwood	T.	0.80	2.60	4.27	1.27	1.80	3.87	1.59	1.10	0.94	1.90	0.57	26.21
Okay	1.36	1.07	4.48		5.93	7.20	5.25	0.69	6.77	1.94	2.43	3.96	
Okeene	T.	0.75	2.80		5.73	0.92	1.64	4.96	1.95	1.50	0.40	1.87	0.61
Okemah	0.80	1.65	3.52	5.72	1.90	4.68	1.39	1.05	2.65	0.18	1.79	1.51	26.84
Oklahoma City	0.18	0.54	3.83	3.67	2.58	3.15	3.55	3.10	2.65	0.38	3.04	2.41	28.06
Okmulgee	0.92	1.01	3.34	6.51	1.48	4.88	2.42	2.56	3.97	0.06	1.96	2.09	31.89
Pauls Valley	0.40	0.62	2.95	6.09	4.38	3.40	0.62	0.48	2.11	0.25	0.96	1.43	24.29
Pawhuska	0.81	1.34	3.27	6.52	1.88	3.32	5.05	5.12	4.30	1.21	1.84	1.67	36.01
Pensacola	2.12	2.35	2.91	4.98	4.22	6.65	4.57	2.97	5.99	0.28	1.14	1.90	42.29
Perry	0.03			2.50									
Poteau	1.04	1.21	4.97	2.82	4.26	1.29	2.96	4.39	0.05	2.48	4.96		31.05
Ralston	0.45	0.97	2.33	4.59	1.69	2.60	2.94	4.31	4.47	0.99	1.96	1.20	28.51
Ravia	0.95	0.65	3.20	4.60	5.73	3.22	6.86	1.87	2.47	0.59	0.22	2.31	26.67
Reno Junction	T.	1.10	4.37	3.95	3.12	4.66	3.69	0.79		0.22			
Shattuck	0.01	0.60	3.37	2.18	0.71	0.48	1.75	5.10	3.26	2.51	1.79	1.13	21.89
Shawnee	0.58	0.45	3.35	5.03	2.50	4.27	1.22	2.34	2.65	2.19	1.64	1.31	27.53
Smithville	2.66	1.58	2.69	4.22	5.09	4.49	1.04	1.93	4.38	0.45	3.39	3.37	35.27
Spavinaw	3.21	1.39	2.20		3.71	3.14	5.17	1.53	6.12		1.72	2.98	
Stillwater	0.48	1.08	3.15	4.51	0.71	2.62	3.08	2.35	2.65	0.41	2.30	0.84	23.96
Sulphur													

PRECIPITATION, 1924

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Oklahoma—Continued</i>													
Wankomis	0.27	1.10	3.84	4.27	0.67	2.55	3.16	1.13	1.43	1.28	1.62	0.20	21.22
Waurika	0.15	0.85	3.59	2.19	1.84	2.09	0.45	0.94	2.63	0.05	0.85	1.06	16.69
Weatherford	0.05	0.65	3.67	3.11	1.81	3.94	4.21	2.82	1.48	1.40	1.23	0.53	24.90
Webbers Falls	1.27	1.84	2.57	6.58	2.89	10.72	2.67	0.46	6.22	1.25	1.17	3.68	40.72
Wichita National Forest	0.05	0.42	3.33	4.26	1.61	2.65	3.06	5.08	0.80	1.44	0.91	1.07	24.98
Wilburton	2.82	1.95	2.62										
Woodward	0.01	1.04	4.54	4.18	0.82	1.34	4.26	3.38	3.21	2.42	3.90	1.89	30.99
Wyandotte	1.55	1.86	1.88	5.48	5.33	4.35	4.32	4.88	4.75	2.24	3.10	1.50	41.24
<i>Oregon</i>													
Albany	2.71	4.15	1.98	0.75	0.40	0.35	0.03	0.97	1.95	6.67	8.85	4.91	33.72
Andrews	0.15	0.52	0.38	0.41	0.05	0.17	0.05	0.05	0.39	0.80	0.25	1.24	4.46
Antelope									0.55	1.64	1.77	1.39	
Arlington						0.03			0.24	0.72	2.01	0.80	
Ashland	0.50	1.36	1.12	0.77	0.13	0.62	0.00	0.55	0.70	5.12	3.00	3.77	17.64
Astoria	7.47	11.62	3.45	1.94	1.04	1.56	0.36	2.23	3.93	11.64	9.95	12.81	67.90
Baker	0.34	1.25	0.37	0.54	0.29	0.37	0.04	0.39	0.17	0.32	1.15	1.16	6.39
Bear Creek	0.72	1.08	0.91	0.37	0.04	0.33	0.01	0.41	0.48	0.88	1.46	2.77	9.46
Bear Valley	0.80	1.68	1.63	0.54	0.30	1.10	0.18	0.60	0.66	1.74	2.07	1.52	12.82
Becken Creek	0.97	1.59	1.12	0.87	T.	1.72	T.	0.30	0.57	1.59	1.35	1.24	11.32
Bend	0.36	1.12	0.57	T.	0.03	0.21	0.20	0.06	0.31	3.32	1.89	1.62	9.69
Big Eddy	0.64	1.15	0.61	0.00	0.00	0.35	0.00	0.07	0.40	1.68	2.88	1.55	9.63
Blitzen	0.18	0.78	0.43	0.55	T.	0.11	0.00	0.42	0.00	0.32	0.44	1.67	4.90
Brookings	6.14	7.71	1.92	0.22	0.20	0.17			2.24	17.36	14.00	13.13	
Cascade Locks	7.80	9.45	4.15	2.13	1.24	2.53			3.43	7.53	13.13	11.26	68.68
Cascadia	6.75	6.66	5.72	2.45								8.81	
Casadero	5.01	6.01	4.89	2.20	0.76	0.79	0.05	0.86	2.90	7.37	11.53	6.41	48.78
Chiloquin	0.44	0.47	0.51	0.13	0.20	0.92	T.	0.65	0.67	2.86	2.36	3.36	12.37
Clarno	0.45	1.47											
Classic Lake			2.20	3.21	0.91	1.11	0.00	0.07	2.38	15.68	10.34	14.89	
Condon	0.60	1.68	0.65	T.	0.11	0.76	T.	0.09	1.00	0.96	1.86	1.15	8.86
Coquille River Lighthouse	4.80	2.72	2.53	1.10	0.42	0.75	0.08	0.77	2.57	11.39	13.83	6.22	47.18
Cornucopia	5.08	7.35	1.09	0.92	0.31	0.92	0.25	0.38	0.73	6.21	7.23	6.63	37.10
Corvallis	3.93	3.75	2.92	0.72	0.47	0.66	0.00	1.08	2.22	7.00	8.90	5.80	37.87
Cottage Grove	3.05	4.03	2.69	1.31	0.81	0.79	0.00	0.79	2.52	9.81	11.23	5.49	42.62
Cove	2.14	2.65	1.30	0.59	0.52	1.80	1.01	0.94	0.77	1.39	4.15	3.48	20.64
Crane Prairie						0.96			0.97	2.10	2.94	4.25	
Crater Lake	5.03	5.05	4.33	0.55	0.40				1.56	7.85	4.54	12.90	44.56
Dayville	0.39	1.46	0.51	0.66	0.03	0.81	0.01	0.52	0.45	1.94	1.21	1.53	9.82
Detroit	7.85	7.87	4.53	1.96	0.95	2.84	T.	0.67	4.32	9.68	17.14	10.00	67.81
Doraville	4.13	4.65	2.81	1.54	0.32	0.59	0.23	1.03	1.68	7.37	6.77	6.31	37.43
Drain	3.01	3.22	2.89	0.93	0.69	0.48	0.00	0.77	2.71	12.00	9.44	6.36	42.50
Drewsey	1.13	1.60	0.45	0.55	0.00	0.25	0.00	0.00	0.75	1.15	1.97	3.64	11.50
Dufur	0.94	1.00	0.41	0.05	T.	0.58	0.02	0.10	0.46	1.85	3.18	1.64	10.23
Ebeo	0.90	1.20	0.36	0.09	T.	0.79	0.38	0.51	0.52	0.69	2.18	1.47	9.00
Eugene	2.45	4.24	2.22	0.76	0.78	0.36	T.	0.49	2.01	7.77	9.77	5.03	35.86
Falls City	7.77	6.09	2.54	0.63	0.00	0.00	0.00	0.56	3.29	10.92	15.79	5.39	52.98
Fish Lake	2.18	3.27	5.07	2.33	0.53	1.30	0.03	1.94	2.52	4.83	6.04	6.64	36.88
Forest Grove	4.67	5.19	1.42	0.76	0.66	0.22	0.02	0.69	1.99	7.46	8.37	5.44	36.89
Fossil	1.33	2.13	0.45	0.27	0.69	0.08	T.	0.03	1.58	1.42	1.69	1.59	11.26
Framont		0.45	0.42	T.					0.38	0.94	1.70	1.52	
Friend	1.00	0.90	0.42	T.					0.12	0.51	1.99	8.53	11.02
Government Camp	9.73	8.53	6.01	3.71								20.52	17.25
Grand View		0.16		0.00		0.12	T.	0.20	0.02	1.57	1.44		
Grants Pass	1.07	2.54	0.91	0.23	0.28	0.09	0.00	0.35	0.90	9.83	2.91	3.04	22.15
Harney Branch Experiment Station	0.43	1.27	0.18	0.20	0.06	0.02	T.	0.18	0.21	1.03	0.72	2.00	6.30
Harper	0.58	1.04	0.02	0.15	0.10	0.02	0.03	0.37	T.	0.56	0.59	2.49	5.95
Hay Creek	0.30	0.55	0.58	0.04	T.	0.04	0.00	T.	0.48	1.31	1.78	5.08	
Headworks	6.36	3.33	5.39	3.70	1.15	3.13	0.23	1.58	4.58	6.80	12.86	9.18	63.29
Heppner	0.87	1.51	0.71	0.39	0.03	1.48	0.10	0.14	0.85	6.65	1.92	1.57	10.22
Hermiston	0.63	0.95	0.58	0.19	0.02	0.69	0.32	0.49	0.56	0.49	1.96	1.17	6.07
Hillard	3.24	2.06	2.72	1.41	0.16	2.32	0.68	1.28	1.10	0.59	0.71	1.35	17.61
Hillcrest Orchard	0.85	2.34	1.11	0.57	0.19	0.24	0.00	1.13	0.82	5.08	3.76	3.56	19.66
Hood River	2.93	2.59	1.27	0.26	0.00	0.29	0.00	0.09	0.77	2.77	8.25	3.62	22.24
Howardville	2.62	2.79	1.70	0.54	0.43	1.21	0.44	0.65	0.95	1.69	5.92	2.94	21.78
Huntington	1.15	1.82	0.35							1.40	1.40	1.50	
Intake	4.72	5.05	3.37	1.13	0.80	1.62	0.07	0.18	3.28	7.64	10.69	6.20	44.70
Jacksonville	0.96	3.02	0.87	0.27	0.21	0.37	0.20	0.87	0.94	6.90	4.18	4.48	23.29
Jefferson	2.88	4.83	2.29	0.99					6.37	9.23	5.32		
Jewell	8.85	11.41	3.90	2.53	0.82	1.45	0.30	0.84	3.03	9.67	13.49	9.21	65.50
Joseph		0.22	0.47		0.31	1.17	0.60	0.64	0.33	1.03	2.96	0.87	
Kent	0.44	1.32	0.48	0.09	0.00								
Kingman	1.00	0.97	0.20	0.47	T.	0.20	0.22	0.28	0.64	0.53	0.57	2.00	7.38
Klamath Falls	0.41	1.22	0.47	0.16	0.05	0.29	0.26	0.82	0.20	2.71	1.65	3.04	11.28
La Grande	1.56	2.31	1.12	0.54	0.33	1.69	0.30	0.84	0.97	0.61	2.63	3.33	15.92
Lake Creek	0.37	2.11	1.59	1.01	0.18	0.58	0.06	1.24	1.13	5.51	4.98	4.47	23.23
Lakeview	0.26	1.17	0.56	0.32	T.	0.16	0.08	0.20	0.40	1.42	1.27	1.69	7.53
Lapine	0.33	1.07	0.74	T.	0.61	0.64	0.30	0.26	0.85	2.69	2.70	2.73	12.97
McMinnville	3.44	4.23	2.10	0.67	0.58	0.33	0.00	0.81	1.90	6.16	8.38	6.13	34.73
Madras	0.24	0.42	0.56	0.02	0.03	0.15	0.01	0.19	0.21	1.19	1.12	1.20	5.43
Mapleton				1.44	1.23	0.76	1.80	3.63	11.58	21.34	12.91		
Marist				0.90	0.00	0.38	0.00	0.45					
Marshfield	6.08	4.55	3.74	2.01	0.89	0.76	0.02	1.55	3.80	12.30	17.62	8.14	61.46
Medford	0.51	2.23	0.74	0.38	0.15	0.21	T.	0.97	0.92	4.89	3.15	3.48	17.59
Merrill	0.22	0.94	0.39	0.09	0.06	0.17	0.00	0.58	0.14	1.34	1.44		
Mikkalo	0.64	1.08	0.88	0.90	T.	0.32	T.	0.02	0.59	0.73	1.54	1.11	6.41
Milton	0.08	2.04	0.69	0.10	0.01	0.70	0.45	1.05	0.82	0.95	2.92	1.66	12.07
Mt. Rancho Farm	4.39	2.88	0.93	0.14	0.12	0.35	0.00	0.53	0.72	5.87	4.24	5.68	22.41
Redoc Orchard	0.95	0.84	0.48	0.17	T.	0.13	0.30	0.12	0.43	0.86	1.67	0.85	5.96
Reynolds	6.52	1.47	0.48	0.12									

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Oregon—Continued</i>													
Oregon City.....	3.27	5.87	1.93	1.24						6.58	8.29	5.10	
Parkdale.....	3.96	3.28	2.17	0.63	0.25	1.39	T.	0.23	1.42	3.85	11.48	4.87	33.53
Pendleton.....	1.63	2.38	0.63	0.27	0.18	1.17	0.60	0.71	1.10	1.34	2.40	2.25	14.66
Pilot Rock.....	0.58	2.78	0.55	0.39	0.06	1.21	0.35	0.80	1.06	0.49	2.56	1.92	12.76
Portland.....	3.94	5.21	1.40	0.91	0.45	0.68	0.03	0.62	1.93	5.50	6.11	4.44	31.22
Port Orford.....	4.79	3.84	3.15	2.60	0.19	0.58	0.08	0.09	2.23	10.15	10.70	7.47	45.37
Power House.....	1.50	2.20	1.20	0.55	0.00	1.17	0.55	0.69	1.95	1.78	2.55	2.32	16.46
Prairie City.....	1.21	1.33	0.56	0.51	0.04	1.13	0.04	0.60					
Prineville.....	0.38	0.85	0.40	T.	0.01	0.25	0.00	0.35	0.75		0.20	1.62	
Prospect.....	0.55	6.31	4.40	0.21	0.32	0.32	0.00	0.23	1.21	5.61	3.01	4.22	26.89
Reservoir No. 3.....	0.67	1.11	0.25	0.30	0.10	0.26	0.10	0.40	0.87	0.75	0.75	1.34	6.40
Riddle.....	0.75	2.69	1.97	0.57	0.12	0.51	0.00	0.44	0.82	8.45	7.07	4.92	28.31
Riverside.....	0.25	1.05	0.30	0.08	0.25	T.	0.00	0.42	0.12	0.98	0.56	1.25	5.26
Rock Creek.....	1.02	1.35	1.08	0.35	0.00	1.12	0.08	0.31	0.03	2.00	2.98	2.70	18.03
Roseburg.....	1.43	1.89	1.84	0.45	0.60	0.56	T.	0.76	1.33	10.46	6.88	5.25	31.45
Round Grove.....	0.49	1.99	0.60	0.56	0.12	0.28	0.00	0.77	0.48	2.07	1.72	2.84	11.42
Salem.....	3.54	2.59	1.29	1.10	0.61	0.22	T.	0.53	2.37	8.31	7.98	4.61	33.15
Silver Lake.....	0.12	0.05	0.24	0.10	0.06	0.58	0.08	0.43	0.16	0.36	1.29	1.00	5.23
Siskiyou.....	1.43	3.60	2.37	1.58	0.31	0.42	0.03	0.56	0.50	6.43	4.20	5.18	27.11
Starke.....	3.07	4.13	0.53	0.10	0.06							1.02	3.09
Starkey.....	1.23	0.68	1.31	1.03	0.41	1.85	0.34	0.70	1.32	1.25	2.11	1.64	13.87
Summit.....	4.57	5.12	4.17	1.87						8.90	12.89	8.91	
Sunrise Valley.....	0.45	0.97	0.40	0.39	0.02	0.31	0.05	0.17	0.34	0.73	0.75	2.06	6.64
Talent.....	0.52	1.70	0.69	0.54	0.11	0.33	T.	0.46	0.55	5.80	3.18	3.26	17.14
The Dalles.....	1.81	1.39	0.35	0.02	0.00	0.41	0.15	0.18	0.20	1.32	3.35	1.15	10.33
Toledo.....	7.69	8.36	5.50	3.19	0.99	1.53	0.08	2.12	4.81	11.99	15.18	11.82	78.26
Ukiah.....	1.22	1.67	0.95	0.37	0.04	1.70	0.08	0.32	0.82	2.23	2.35	1.58	13.33
Umatilla.....	0.74	0.82	0.28	T.	T.	0.33	0.24	0.74	0.53	0.86	1.43	1.30	7.27
Umpqua.....	6.46	5.78	3.43	1.79	0.67	0.63	0.11	2.02		11.12	15.13	11.35	
Union.....	1.21	1.20	0.53	0.18	0.21	1.22	0.39	0.89	0.29	0.71	1.16	1.43	9.42
Vale.....	0.46	1.10	0.95	0.32	T.	0.16	0.06		0.10	0.72	0.82	2.34	
Valley Falls.....	0.13	1.16	0.26	0.39	T.	0.08	0.15	0.43	0.03	1.61	1.24	0.95	6.43
Waldo.....	1.73	5.18				0.15	0.00	0.46	1.11	15.88	4.11		
Wallace Orchard.....	2.87	3.68	1.99	1.01	0.77	0.18	T.	0.05	1.84	6.60	8.04	5.28	32.71
Wallowa.....	0.59	1.04	0.70	0.08	0.22	0.63	0.59	0.46	0.30	0.98	4.10	1.54	11.23
Warm Springs.....	0.32	0.53	0.65	0.00	0.00	0.27	0.00	0.18	0.23	1.99	0.87	1.47	6.51
Wasco.....	0.91	1.46	0.38	0.00	T.	0.26	0.00	0.26	0.75	1.50	2.39		
Welches.....	7.34	8.33	5.04	3.76	0.88	3.05	0.33	1.49	4.73	7.35	15.12	11.96	68.68
Weston.....	1.51	2.28	1.01	0.30	0.06	0.93	0.20	1.12	1.19	1.53	2.90	2.08	15.11
Williams.....	1.29	3.47	1.39	0.06	0.67	0.47	0.00	0.10	0.97	13.24	6.43	7.81	35.90
Willow Creek.....	9.49	6.96	4.39	1.48	0.72	1.02	0.15	1.07	3.74	19.31	21.88	11.01	81.13
Yonns.....								0.42	0.26	2.33	1.35		
<i>Pennsylvania</i>													
Allentown.....	5.14	4.26	1.46	4.79	5.07	4.85	3.80	3.73	5.00	1.66	2.50	2.12	44.38
Altoona.....	4.36	2.21	2.58	3.46	7.64	6.27	3.15	4.22	5.09	0.20	1.61	2.52	43.31
Ansonia.....	2.57	1.92	1.08	3.86	4.92	2.92	3.25	5.26	5.41	0.13	0.73		
Bakers Summit.....									4.06	0.12	1.47	1.54	
Beaver Dam.....	4.25	2.12	3.22	3.15	5.43	7.25	2.80	1.48	5.98	0.21	1.46	2.81	39.66
Beaver Falls.....	3.76	2.51	3.00	3.32	5.09	7.14	2.33	2.46	7.01	0.19	1.25	1.99	40.05
Bethlehem.....	4.13	3.76	1.14	4.29	4.40	3.26	2.36		6.38	0.00	2.26	2.22	
Biglerville.....	4.67	3.58	5.04	4.39	5.83	9.75	2.38		2.20	5.00	0.04	1.60	46.94
Blosserville.....	4.29	2.94	5.07	0.25	6.69	7.46	2.93	6.81	7.66	0.23	1.85	1.41	53.59
Bradford.....	5.48	2.72	1.74	4.60	4.92	5.71	2.98	3.17	7.43	0.21	1.55		
Bradys Bend.....	5.36	2.44	2.72	2.88	7.93	5.12	2.91	2.65	6.13	0.07	1.42	2.64	42.87
Brookville.....	4.55	2.37	2.39	3.02	6.24	5.09	3.59	3.54	6.48	0.31	0.96	2.64	
Burkston.....	4.93	3.99	3.24	6.11	6.34	5.04	2.33	5.17	6.58	0.17	2.00	2.35	48.15
Catsville.....	4.57	4.47	3.62	4.45	4.95	6.67	2.91	3.53	5.36	0.20	1.57	1.48	43.78
Catawissa.....	3.44	2.85	2.46	4.41	4.93	5.89	3.28	3.63	7.35	0.27	1.56	1.27	41.34
Cedar Run.....	3.87	2.03	0.97	3.97	4.96	3.25	4.70	3.46				1.30	
Center Hall.....	4.70	3.21	2.57	3.40		7.44	2.18		7.48	0.00	1.14	0.73	
Chambersburg.....	4.94	3.28	5.25	4.93	5.78	6.51	4.18	3.77	4.22	0.12	1.56	1.70	46.24
Clarion.....									7.14	0.23	1.10	2.98	
Claysville.....	6.07	2.34	4.48	2.82	6.58	4.80	3.52	3.21	6.96	0.38	1.96	2.17	46.31
Clearfield.....	4.28	2.04	2.97	4.35	6.05	5.70	5.28	3.89	5.28	0.10	1.76		
Cloe.....	4.17	2.14	2.15	2.86	6.28	6.09	3.80	3.19	5.36	0.33	1.09	2.06	38.59
Clymer.....	4.41	1.82	3.08	3.54	6.85	6.89	3.42	6.25	6.25	0.29	1.45	3.04	47.91
Coatesville.....	5.90	3.15	5.02	6.30	5.05	6.32	2.89	3.18	6.72	0.05	2.07	2.71	51.96
Colebrook.....	4.13	4.39	4.06	4.85	6.22	6.42	2.15	2.57	6.55	0.01	1.38	2.15	45.06
Confluence.....	5.15	3.69	4.74	2.38	7.43	6.50	4.51	2.95	3.92	0.32	1.48	2.54	45.16
Conshohocken.....	4.79	4.15	2.95	7.52	4.97	5.50	2.91	5.64	7.38	0.15	2.47	2.33	51.97
Cornopolis.....	4.33	2.36	3.78	3.14	5.67	6.11	3.54	2.84	6.01	0.13	1.37	2.62	41.90
Corry.....	5.82	2.79	2.39	3.53	4.50	4.84	2.56	3.68	8.36	0.62	2.06	4.42	45.77
Coudersport.....												0.73	
Creekside.....	5.02	2.49	3.33	4.18	7.27	8.67	5.17	4.91	5.57	0.39	1.32		
Cresson.....	5.87	4.29	4.12	3.92	9.64	4.39	3.63	5.68	5.68	0.23	1.09	2.30	48.15
Derry.....	4.14	3.50	3.39	3.30	8.70	7.28	4.85	3.56	6.28	0.14	1.72	3.00	49.96
Doylestown.....	3.53	3.34	2.30	5.80	5.39	5.36	3.76	5.23	5.75	0.15	1.98	2.10	44.69
Drittwood.....						4.61	3.04	3.79	5.31	0.17	0.98	2.39	
Ebensburg.....	4.01	2.21	2.50	3.30	7.44	5.90	4.08	4.09	3.39	0.11			
Elk Lick.....		3.20	4.75	3.79	7.26	8.98	6.25	4.96	5.59	0.82	1.55	1.78	
Emporium.....	4.55	2.66	2.31	5.22	5.44	3.54	4.72	1.49	6.61	0.24	1.15	2.80	40.73
Ephrata.....	3.92	3.33	3.44	4.01	3.78	6.44	2.90	3.74	7.19	0.07	1.09		
Erie.....	3.13	1.27	1.62	3.70	4.08	2.93	3.38	4.01	7.19	0.02	1.48	2.78	24.30
Falls Creek.....	4.36	3.16	1.99	3.16	5.40	6.64	4.83	4.81	6.22	0.37	1.06	2.50	44.32
Forest City.....	2.78	1.86	0.62	4.72	4.60	2.66	2.35	5.60	8.11	0.24	2.49	1.01	37.04
Franklin.....	5.09	2.17	2.00	3.04	6.73	5.99	2.21	4.20	9.45	0.19	0.99	2.98	45.04
Fresland.....	5.57	4.11	1.98	4.43	6.77	5.48	3.18	4.09	9.38	1.46			

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Pennsylvania—Continued</i>													
Gouldsboro.....	4.64	2.36	2.24	4.28	7.69	2.36	3.46	3.88	8.11	1.92	3.29	1.76	46.19
Graterford.....	4.11	4.20	3.16	4.84	4.58	6.10	2.21	1.92	3.68	0.11	1.04	1.66	37.61
Greensburg.....	4.13	2.51	3.23	4.02	7.15	6.41	4.44	3.14	4.93	0.07	1.66	2.45	44.14
Greenville.....	3.64	2.30	1.69	2.57	5.52	4.18	4.92	1.94	8.97	0.24	1.31	3.12	40.40
Grove City.....	3.09	2.11	2.54	3.98	7.11	4.00	2.87	2.37	8.78	0.29	1.47	3.59	42.20
Hamburg.....	2.97			4.41	5.33	6.43	5.11	3.53	5.70	0.00	1.44	2.28	
Hanover.....	4.42	3.39	4.91	4.00	3.97	7.48	2.86	1.99	6.19	0.19	1.50	2.01	42.91
Harrisburg (Weather Bureau)	5.05	4.71	2.46	5.15	6.49	6.47	4.52	3.66	6.52	0.02	1.93	1.63	47.71
Harrisburg (east)									6.74	0.02	1.36	1.64	
Harrisburg (north)									6.02	0.05	1.57	1.45	
Hawley.....	3.46	2.25	0.99	4.59	5.11	2.28	2.31	3.73	4.74	2.30	2.37	1.60	35.73
Herr's Island Dam.....	4.18	2.53	4.19	3.06	4.85	4.72	3.09	4.41	5.02	0.13	1.37	2.14	39.69
Holtwood.....	4.70	3.83	4.22	4.76	6.34	6.01	2.59	2.27	4.07	T.	1.53	1.24	41.56
Huntingdon.....	4.32	2.63	3.43	3.61	6.45	5.00	7.12	3.18	4.41	0.09	1.61	1.52	43.37
Indiana.....					7.06		4.32	5.44	6.42	0.02	1.21	3.08	
Ingram.....	3.62	2.44	4.34	3.39	5.27	5.33	3.75	4.78	5.60	0.08	1.46	2.15	42.21
Irwin.....	3.69	2.65	3.36	2.92	5.06	3.83	2.30	2.24	4.11	0.06	1.38	2.34	33.94
Jersey Shore.....	3.37	2.06	3.78								1.20	1.12	
Johnstown.....	4.87	3.31	3.60	3.70	6.77	8.14	4.10	3.34	5.23	0.11	1.76	2.35	47.28
Kennett Square.....					4.95	7.59	4.31	6.40	6.63	0.08	2.02		
Ketner.....	3.76	2.45	1.84	3.20	5.16	4.39	2.63	2.87	7.19	0.24	1.52	2.84	37.89
Kregar.....									6.72		1.66		
Lancaster.....	4.77		4.59	4.04	5.07	7.69	3.73	3.98	6.20	0.07	1.24	2.24	
Lansford.....	5.33	1.52	1.19	4.00	6.03	4.88	3.44	3.81	9.21	1.89	2.11	1.75	44.66
Lawrenceville.....	1.70	2.30	1.25	3.92	3.92	3.75	3.00	3.37	6.23	0.18	1.05	1.46	32.13
Lebanon.....	5.17	3.78	2.65	4.80	5.98	8.29	2.78	3.82	5.72	0.02	1.65	1.66	46.32
Leolyn.....									7.63	0.17	1.71		
Lewisburg.....	4.11	2.85	3.34	5.19	5.03	6.25	3.29	3.52	6.88	0.22	1.72	1.22	43.62
Linesville.....	4.13	2.18	1.48	2.91	5.20	5.56	4.03	3.83	7.71	0.60	1.15	3.13	41.91
Lloyd.....	2.67	2.24	1.58	3.04		3.92	3.62		5.72	0.12	0.89		
Lock Haven.....		2.25	1.46						3.89	0.32	1.07	1.63	
Lock No. 4.....	4.19	2.41	4.08	2.81	5.51	3.82	2.59	1.60	6.00	0.13	1.52	2.37	37.33
Lycippus.....	4.22	3.08	4.18	3.14	6.62	6.24	4.73	4.28	6.28	0.05	1.48	2.42	46.72
Lykens.....	4.69	2.95	2.54	4.77	5.27	6.09	4.39	5.14	10.47	0.10	2.16	1.94	49.61
Martin.....	4.44	2.49	4.37	2.99	5.77	5.25	3.97	4.81	6.05	0.22	1.43	2.11	44.48
Mauch Chunk.....	3.64	3.38	1.53	5.10	6.94	4.39	3.95	3.68	10.69	0.18	2.24	2.07	50.16
Mifflintown.....	3.70	2.38	0.80	5.30	5.65	6.99	4.34	5.78	5.34	0.20	0.96	0.81	41.55
Montrose.....	2.19	1.67	1.31	4.30	5.09	2.66	4.50	3.36	6.44	0.00	1.29	1.53	34.34
Mount Pocono.....	5.15		1.96	6.08	7.85			3.67	8.05	0.30			
Mount Union.....	3.98	2.47	3.17	5.08	5.78	6.09	2.57	4.00	5.02	0.05	1.51		
Muncy Valley.....	5.50	2.12	1.33	4.53	6.45	5.27	3.62	3.46	9.35	0.25	2.28	1.69	45.85
Narberth.....	4.65	3.72	3.70	7.17	6.81	6.05	2.28	7.54	7.47	0.17	2.17	2.75	54.48
Neshaminy Falls.....	5.32	4.18	2.54	5.39	5.78	5.73	2.35	4.88	4.84	1.43	1.70	2.46	46.60
New Castle.....	4.52		3.57	2.66	6.92	4.36	2.80	3.31	5.95	0.16	0.96	2.52	
Newell.....	3.35						2.52	2.17	4.40	0.18	0.96	2.03	
New Park.....									5.86	0.02	1.70	2.85	
Newport.....									6.46	0.07	1.59	1.20	
Palmerton.....	3.63	2.66	1.30	3.56	3.70	3.68	4.65	3.61	8.56	0.12	1.78	1.55	38.90
Parkers Landing.....	5.87	2.27	2.50	3.13	5.94	4.09	2.09	3.42	6.72	0.02	1.21	3.30	40.67
Penn Line.....	3.07	1.97	1.70	3.02	6.72	4.33	4.45	4.47	6.94	0.51	1.38	2.71	42.36
Philadelphia (Weather Bureau)	4.45	4.57	3.45	5.37	4.91	4.31	3.18	3.77	5.08	0.09	1.75	2.18	43.11
Philadelphia (Navy Yard)	5.42	4.56	3.85	4.47	4.73	5.15	3.95	4.75	3.48	1.28	1.81	2.45	45.88
Philadelphia (Point Breeze)									5.65	0.11	1.74	2.36	
Phoenixville.....	6.29	4.10	2.48	5.81	5.25	7.14	3.14	5.47	6.31	0.23	2.30	2.24	50.76
Pine Grove.....									8.47	0.08	1.09	1.61	
Pittsburgh.....	3.53	2.59	4.15	3.09	4.54	4.39	3.10	3.46	5.39	0.12	1.39	1.95	37.70
Pleasant Mount.....									3.10				
Pottstown.....	4.69	4.38	2.62	5.05	4.53	8.78	0.71	3.32	4.53	0.06	1.55	2.15	42.37
Pottsville.....	5.22	5.16	2.01	5.04	6.25	6.69	3.49	4.63	9.59	0.16	2.09	1.79	52.12
Quakertown.....	4.83	3.56	1.95	5.41	5.41	5.04	2.59	3.38	6.88	0.14	2.19	2.58	43.96
Reading.....	4.62	4.20	3.17	5.34	5.36	5.15	1.76	4.71	6.33	0.04	1.44	1.95	44.07
Renovo.....	4.31	2.17	1.67	4.93	6.33	4.84	3.42	2.99	4.97	0.00	0.99	2.15	38.67
Ridgway.....	4.10	2.78	1.69	3.82	5.11	5.54	3.06	2.33	6.35	0.19	1.15	2.70	
Saegertown.....	4.21	3.29	2.69	2.56	8.25	5.99	3.23	7.51	5.69	0.19	1.35	3.30	48.15
Saltsburg.....	3.73	2.67	0.93	3.30	3.91	2.23	3.65	3.53	7.35	0.08	1.63	1.06	34.07
Saratton.....	4.86	1.76	3.17	5.65	5.20	5.67	4.05	4.66	7.25	0.45	1.65	1.21	45.56
Selinsgrove.....	3.39	2.27	2.11	2.45	4.72	5.70	1.95	2.82	7.83	0.41	0.69	2.05	36.30
Sharon.....	4.87	5.05	3.48	5.73	6.09	4.97	1.51	6.88	6.04	0.09	1.82	2.61	49.14
Shawmont.....									11.77	0.26	2.82	2.36	
Snow Hill.....									4.85	0.50	1.33	2.88	55.80
Somerset.....	4.73	4.82	8.97	3.74	7.31	7.75	5.02	4.20	4.85	0.17	1.55	2.62	42.26
Springdale.....	4.89	2.64	3.82	3.16	5.26	5.33	2.64	3.91	6.27	0.17	1.65	2.62	42.26
State College.....	4.05	2.30	2.55	5.14	6.21	5.87	2.93	3.99	4.52	0.12	0.67	1.09	39.64
Sunbury.....	2.62	2.78	2.62	4.81	6.35	5.16	3.87	4.74	4.97	0.03	1.58	0.56	40.09
Towanda.....	2.14	1.81	0.59	3.78	4.09	3.31	2.79	3.36	6.34	0.08	1.31	0.73	36.35
Uniontown.....	4.17	2.78	3.97	3.18	6.78	4.59	3.36	2.90	6.51	0.13	1.80	2.32	42.74
Unity Reservoir.....	3.93	3.90	3.73	3.81	7.24	6.77	4.01	5.04	5.28	0.00	2.01	2.71	48.43
Vandergrift.....	4.36	4.21	3.23	3.21		4.40		3.39	4.63	0.20	0.88		
Warren.....	4.54	2.55	2.28	3.79	4.31	5.44	2.10	3.44	7.32	0.32	1.22	3.54	40.85
Warren Point.....					5.14	4.55	2.59	2.76	4.30	0.54	1.43		
Washington.....	4.19	2.40			6.42	4.41	4.22	4.97	6.26	0.26	1.65	2.41	
Waynesburg.....	4.50	2.14	5.45		6.15			4.18	4.94	0.19	1.24	1.87	
Wellert.....				6.80					6.32	0.30	1.52	1.30	
Wellboro.....	3.96	1.94	1.62	3.43	3.31	3.34	2.67	2.08	5.75	0.03	0.71	1.37	36.21
West Bingham.....	3.78	2.18	1.84	4.70	4.06	3.37	1.63	1.63	6.29	0.10	1.24	2.32	33.15
West Chester.....	4.87	3.77	8.14	5.67	4.21	5.57		5.96	6.26	0.06	2.01	2.19	
Westford.....	4.79	2.62	1.24	1.77	4.85	4.87	3.86	3.37	8.54	0.36	1.14	3.08	41.06
West Newton.....	3.90	2.14	3.86	3.14	6.02	4.42	2.50	1.78	4.71	0.08	1.61	2.21	36.07
White Haven.....	4.19	3.15	1.20										

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Porto Rico</i>													
Adjuntas					2.85	3.20	6.98	9.36	4.39	8.91	15.28	1.17	
Aguirre (Central)	0.82	3.76	0.70	0.10	3.60	2.50	4.31	5.21	5.92	1.41	10.00	1.15	39.48
Aibonito	3.39	5.75	1.17	4.97	1.27	1.55	4.58	14.89	2.84	3.96	11.47	3.72	58.56
Arecibo	4.65	9.05	1.50	6.50	1.75	3.05	3.40	8.90	3.60	4.41	7.10	10.55	64.46
Barceloneta	4.30	8.38	0.62	5.68	2.87	3.58	6.82	4.59	5.57	5.00	8.24	6.79	62.54
Bayamon	3.81	4.29	1.39	5.21	4.40	3.56	9.78	7.49	8.11	5.70	10.85	7.98	77.57
Cabo Rojo	0.42	2.88	0.80	3.71	4.19	5.72	4.39	9.67	8.30	9.08	6.34	2.63	62.53
Caguas	3.29	4.65	1.64	3.62	2.73	2.61	5.20	11.08	5.47	7.06	10.88	8.69	61.92
Camuy	3.57	6.02	3.49	4.18	2.65	5.78	2.46	1.74	5.57	8.61	5.20	9.90	59.15
Canovanas	4.22	6.49	4.19	3.77	4.40	5.99	7.81	11.28	6.35	6.75	11.11	10.26	82.35
Carite Dam	5.96	7.04	2.74	6.14	7.61	6.45	10.71	14.56	11.84	6.76	10.61	5.28	104.70
Capey	2.96	5.80	1.64	3.23	2.20	4.00	7.33	8.63	4.49	3.17	11.47	4.32	58.24
Capey	3.81	5.34	4.41	3.20	3.69	9.20	11.37	8.57	7.49	7.75	11.49	9.80	86.12
Cidra	4.30			4.57					6.65	4.46	12.24	5.20	
Coamo	0.13	1.89	1.66	4.60	1.10	1.67	3.57	9.12	6.02	2.59	13.51	1.34	47.26
Coloso				8.09	11.91	6.62			10.31	12.74	3.31	10.13	0.60
Comerio Falls	3.79	8.17	2.29	6.73	2.36	[5.72]	[7.47]	17.95	5.95	7.14	11.15	6.22	84.94
Corozal	5.69	10.82	2.21	8.32	3.24	7.88	8.92	10.32	10.00	9.50	12.05	8.74	97.69
Dorado	3.36	6.93	3.05	1.67	1.79	2.20	7.55	3.47	5.99	3.54	8.30	11.45	59.20
Encenada	0.06	1.86	0.88	0.60	1.80	0.34	2.16	5.84	3.98	2.97	7.33	0.86	27.87
Fajardo	2.61	8.55	2.35	3.43	4.58	4.44	3.20	16.02	2.66	3.99	12.37	4.13	68.33
Guayabal Reservoir	0.37	1.62	2.50	3.87	2.17	3.48	2.96	7.41	9.42	3.08	9.14	2.22	48.25
Guayama	1.89	3.09	0.53	0.39	3.91	4.79	5.75	7.49	8.01	3.94	16.33	2.55	58.76
Humacao	4.87	7.91	0.58	5.84	6.32	0.16	8.46	14.12	7.15	3.81	16.68	5.11	90.01
Isabela	2.40	5.90	0.75	4.50	5.15	3.15	2.40	6.70	4.00	5.00	6.35	5.85	52.15
Jajuy	5.25	6.70	1.90	4.50	5.24	4.95	8.73	14.65	13.10	5.34	12.85	4.83	88.04
Jayuya	[3.00]	[5.00]	2.09	9.41	4.60	5.11	3.03	10.82	8.54	6.51	11.92	1.90	71.93
Jeseda	1.54	3.26	0.56	1.22	4.56	4.22	4.23	5.03	9.63	2.52	14.53	2.31	53.61
Juncos	1.97	4.04	1.06	3.30	3.98	3.58	6.44	10.79	7.65	2.41	14.57	3.37	63.16
Lares	2.89	5.54	0.43	17.72	6.63	18.70	6.64	7.79	9.37	14.43	9.21	1.92	101.27
Magnetic Observatory (Vieques)													
Manati	4.26	13.73	1.15	5.22	2.53	4.46	4.75	5.70	8.98	5.81	7.44	6.97	71.01
Maricao	2.00	4.40	1.55	12.80	2.20	11.05	8.05	[12.00]	13.50	14.20	9.25	0.10	93.90
Manabo	4.53	6.30	1.20	1.20	5.20	6.40	8.45	10.00	8.21	7.00	20.00	5.85	84.96
Mayaguez	1.74	2.38	1.36	4.99	6.13	7.74	8.75	6.85	11.90	7.49	1.28	68.52	
Mons Island	0.94	4.72	0.00	2.48	4.70	5.90	2.36	2.67	4.30	4.55	7.71	1.32	36.65
Naguabo													
Patillas Dam	3.20	6.28	0.99	0.44	5.26	5.90	7.92	14.73	10.03	4.66	10.39	4.84	80.04
Penuelas	0.50	4.30	2.75	1.62	2.25	4.00	4.05	7.90	5.85	2.60	14.05	0.90	50.77
Ponce	0.41	1.53	2.02	2.00	1.19	0.53	2.97	5.83	5.12	7.53	19.10	0.66	48.69
Potota	0.21	1.86	0.90	0.09	0.70	0.21	2.00	5.04	1.95	2.45	8.04	1.04	24.40
Rio Grande	5.73	16.85	2.00	2.55	5.45	6.53	13.06	10.51	3.91	4.77	6.06	22.67	100.09
Rio Piedras	3.46	3.59	3.37	2.75	3.52	8.34	12.56	8.78	7.90	6.84	14.02	9.50	84.63
San German	0.28	3.34	0.40	6.05	1.31								
San Juan (Weather Bureau)	3.07	4.73	0.46	6.77	5.87	5.96	6.18	4.04	5.72	5.66	10.85	8.38	67.69
San Lorenzo	3.65	4.18	1.18	2.04	5.29	5.25	7.11	11.50	3.25	3.13	12.34	5.83	64.76
San Sebastian													
Santa Isabel	0.50	1.66	0.90	0.37	1.94	0.30	7.89	12.28	10.56	8.58	12.78	1.39	30.75
Santa Rita	0.00	4.98	1.07	0.85	0.40	0.67	2.97	6.65	3.35	1.41	10.80	0.65	34.61
Toro Negro Reservoir	4.19	4.18	3.12	13.10	9.91	8.33	4.90	14.70	15.95	13.98	21.00	2.61	115.97
Utua	1.25	5.45	0.40	11.20	3.15	9.40	5.05	9.35	12.25	15.45	9.45	2.90	86.20
Vieques (Central Santa Maria)	1.80	6.26	1.39	2.90	2.73	2.43	4.59	7.26	2.27	2.87	12.00	3.14	49.73
Vieques Sugar Co. (Puerto Real)	1.30	5.89	1.00	1.10	6.24	3.13	4.10	7.54	2.94	4.28	11.43	3.02	51.97
Yabucoa	3.88	9.30	1.45	3.65	5.93	6.18	6.91	9.43	7.36	7.69	22.83	4.95	88.56
<i>Rhode Island</i>													
Block Island	4.36	2.57	1.56	4.55	2.73	2.56	0.32	6.23	3.51	0.23	2.01	2.54	33.17
Bristol	2.55	4.45	3.26	6.12	0.44	1.39	1.24	6.41	1.37	0.69	1.62	2.36	31.91
Greene	4.16	2.98	1.75	5.08	4.43	1.58	1.60	6.14	4.59	0.25	2.09	2.28	37.53
Kingston	6.40	4.32	1.84	3.91	5.41	1.70	0.13	7.99	4.39	2.55	3.29	4.32	49.44
Pawtucket	4.07	3.22	1.97	4.08	3.42	1.71	1.80	7.47	7.50	0.17	1.87	1.48	39.44
Providence	4.13	3.67	1.34	3.77	2.71	1.05	1.12	5.39	6.71	0.15	1.48	1.96	31.48
<i>South Carolina</i>													
Alken	3.89	2.92	3.15	6.50	2.39	3.94	6.93	1.83	9.44	2.37	1.37	9.56	54.31
Anderson	4.90	3.82	3.18	8.15	4.41	3.25	4.53	2.33	11.27	0.67	0.85	5.63	52.90
Blackville	4.69	2.56	2.15	4.12	2.58	5.14	8.20	3.25	11.73	0.80	1.00	6.02	52.82
Blair	4.35	3.52	2.30	4.54	3.79	3.87	3.17	4.13	13.00	1.43	1.56	4.45	50.11
Caessars Head													
Calhoun Falls	5.00	3.04	2.61	5.49	4.33	1.04	8.40	2.65	12.46	0.56	1.17	6.02	60.77
Candlen	3.82	1.71	2.88	4.88	5.54	9.67	5.60	1.25	14.33	1.35	1.90	6.74	59.67
Catawba	4.10	4.22	1.69	5.63	2.89	3.89	3.87	1.18	11.35	0.85	1.80	4.29	48.76
Chappells	3.17	3.65	3.12	5.35	4.91	2.15	8.92	2.14	10.49	1.84	1.35	6.38	53.47
Charleston	3.24	1.57	3.68	5.78	2.36	2.39	6.59	8.28	11.85	1.66	0.72	2.93	51.09
Cheraw	4.35	5.02	1.75	4.69	7.11	7.58	3.60	5.39	12.29	1.04	2.15	4.42	61.40
Chester	4.20	4.17	1.90	6.05	4.34	5.99	7.29	1.31	13.74	0.95	0.75	3.76	64.39
Clemson College	5.14	5.54	2.63	7.25	4.54	3.54	3.85	3.44	13.77	0.74	0.57	6.98	67.97
Columbia	3.37	2.18	2.90	6.66	3.74	5.45	6.00	4.58	11.48	1.18	0.95	4.87	54.90
Coway	3.91	4.10	1.42	3.35	5.60	12.53	7.92	3.66	16.87	1.34	0.80	3.89	65.90
Darlington	4.60	3.51	3.37	4.09	7.57	4.91	6.38	1.63	13.29	3.20	1.26	4.19	57.88
Due West	4.75	3.01	3.52	9.04	4.78	4.87	6.28	1.32	10.00	0.97	1.67	5.81	49.29
Edgefield	4.75	3.01	3.52	9.04	4.78	4.87	6.28	1.32	10.00	0.97	1.67	5.81	49.29
Effingham	4.40	3.27	2.93	3.59	6.71	3.21	8.66	2.16	15.44	1.40	1.30	4.34	59.41
Ferguson	5.07	3.35	2.56	6.88	3.72	3.08	8.46	3.88	15.01	2.96	0.70	6.26	65.72
Florence (No. 1)	4.36	4.23	3.75	3.67	6.86	4.01	5.13	3.37	13.61	1.41	1.31	4.68	57.98
Florence (No. 2)	3.82	3.35	3.52	3.62	7.61	4.01	5.14	3.60	13.72	1.30	1.15	5.36	56.20
Garnett	3.42	1.41	3.41	4.40	2.54	7.68	7.57	1.57	13.54	2.01	0.55	6.38	54.26
Gaston Shoals	4.94	5.14	3.75	6.25	4.48	8.82	7.79	3.44	11.68	1.55	1.09	3.	

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>South Carolina—Continued</i>													
Laurens	4.78	3.60	2.74	5.79	3.52	4.48	7.50	2.88	13.24	1.30	1.88	4.83	56.84
Liberty	5.01	3.35	1.90	7.68	3.93	1.69	7.30	3.70	11.05	0.60	0.55	5.90	52.06
Little Mountain	4.55	2.97	6.86	6.86	3.92	8.98	4.22	5.04	12.50	1.59	2.44	6.11	61.75
Mars Bluff	3.97	4.34	2.75	3.20	6.18	4.35	7.63	1.46	15.22	1.00	1.19	4.43	55.73
Newberry	4.56	3.42	2.77	6.98	6.65	6.31	3.88	2.21	12.57	2.02	1.86	6.70	60.08
Orangeburg	3.57	2.32	1.94	4.69	2.73	7.32	7.88	2.26	12.76	1.97	1.00	5.17	53.53
Parris Island	3.75	2.04	4.37	4.83	1.96	4.97	5.89	2.15	15.74	2.43	0.57	4.56	54.28
Peizer	5.14	4.40	3.12	6.17	4.57	3.24	3.62	3.00	10.74	0.98	0.76	4.12	49.80
Pinopolis	2.94	2.47	2.47	3.17	3.17	10.73	3.02	14.72	2.35	1.20	4.39	60.73	
Rhine	4.10	2.84	4.93	4.93	6.76	7.05	3.20	16.28	2.05	1.10	4.96	56.59	
St. George	2.96	2.25	2.18	5.45	2.49	8.62	7.98	4.56	10.64	2.70	0.68	6.08	55.86
Saluda	5.01	3.25	3.56	7.80	3.42	1.93	8.85	3.30	9.01	2.00	1.67	6.06	55.86
Santuck	4.87	5.51	2.63	6.08	4.01	4.43	7.18	3.16	13.58	2.00	2.63	5.11	61.19
Society Hill	4.23	5.01	3.48	6.40	6.92	5.79	7.03	1.88	13.78	1.44	1.78	6.42	64.16
Spartanburg	5.58	5.41	2.72	6.85	4.35	2.04	8.39	1.50	11.83	1.32	1.20	2.65	54.14
Summerville	4.41	2.46	2.57	6.95	4.54	4.67	10.37	2.63	16.13	2.13	1.10	4.21	61.97
Trenton	4.40	3.26	3.51	10.54	4.15	5.39	3.06	8.78	8.43	1.94	2.63	7.17	59.96
Wadega	6.20	6.23	3.13	9.22	4.57	1.82	3.33	2.33	18.87	1.09	0.85	7.34	62.87
Wedgefield	4.93	2.70	2.31	6.10	5.65	6.01	7.81	3.70	17.32	1.85	1.50	5.03	64.91
Windsboro	3.83	2.85	2.61	5.81	4.42	3.81	2.76	1.59	12.32	1.05	2.41	4.89	48.35
Winthrop College	4.85	5.40	2.30	7.73	3.68	5.45	3.10	3.11	13.38	1.15	2.55	6.48	59.18
Yemassee	2.96	2.11	3.11	4.16	2.41	4.78	9.04	1.45	15.06	2.05	0.65	5.00	52.78
<i>South Dakota</i>													
Aberdeen	0.45	0.40	1.85	2.71	2.04	3.84	1.77	2.75	2.91	2.56	0.04	1.20	22.55
Academy	0.10	1.07	0.63	0.63	0.91	6.86	0.35	4.02	3.60	0.82	0.40	1.50	20.89
Alexandria				1.40	1.73	5.72	2.70	2.95	2.42	0.89	0.22	0.48	11.72
Ardmore	0.02	0.75	0.70	0.67	0.75	1.95	2.61	0.23	1.24	1.79	0.57	0.44	27.44
Armour	0.31	1.70	2.31	0.82	1.05	5.35	1.15	7.88	2.86	1.01	0.61	2.39	27.44
Ashton										2.30	0.03	0.48	10.11
Bellefourche	0.06	0.98	0.96	0.27	0.40	1.20	1.34	0.48	0.90	2.21	0.78	0.60	20.96
Belvidere									1.44	1.12	0.32	1.05	19.20
Bowdle	0.12	0.53	2.45	1.68	0.47	7.19	1.76	1.72	2.47	1.88	0.03	0.86	15.59
Britton	0.10	0.16	1.41	2.35	1.28	2.63	0.83	2.49	2.10	0.84	0.33	1.06	19.20
Brookings	0.10	0.31	1.34	1.82	1.32	6.88	1.22	3.89	1.02	0.84	0.11	0.35	12.81
Burke	0.35	1.68	1.91	0.22	0.95	6.41	1.74	3.89	3.15	0.55			18.79
Camp Crook	0.06	0.60	0.69	0.93	0.49	5.29	1.08	0.96	0.14	2.91	0.22	0.37	12.81
Canistota	0.14	1.06	3.20	0.93	1.49	5.29	1.08	1.47	3.89	0.60	0.87	1.67	18.79
Canton	0.30	1.05	3.23	1.60	2.10	5.85	0.70	3.35	0.85	1.00	0.40	3.25	21.88
Castlewood	0.09	0.24	1.96	2.32	1.21	5.08	1.53	4.92	1.62	1.39	0.31	0.80	22.27
Centerville	0.40	0.88	2.49	2.62	1.09	4.95	1.58	2.49	0.79	1.32	0.42	2.25	21.28
Clark	0.14	0.62	1.58	1.74	1.94	4.73	2.32	7.33	2.15	1.01	0.25	0.42	24.23
Colome	0.16	1.34	1.47	0.27	0.86	5.90	1.09	3.75	1.67				11.22
Cottonwood	T.	0.53	0.32	0.06	0.29	3.03	1.78	1.48	1.00	0.85	0.31	1.57	15.14
Custer	0.20	0.77	2.20	0.52	0.49	1.77	1.68	1.14	1.13	3.05	1.37	0.82	14.28
Deerfield	0.55	0.43	1.63	0.76	0.48	1.91	1.37	1.06	0.73	3.42	1.25	0.74	25.76
De Smet	0.03	1.30	1.42	1.16	1.64	9.02	1.91	5.69	1.42	1.09	0.20	0.90	16.92
Dowling	0.02	0.66	1.33	0.93	0.05	5.58	2.47	1.64	1.40	2.04	0.24	0.56	18.56
Dumont	0.85	1.85	1.96	0.87	0.71	1.56	1.10	1.35	2.27	3.72	1.04	0.46	15.96
Dugree	0.44	0.65	0.69	1.10	0.47	3.92	1.92	0.90	0.68	2.07	0.20	1.04	18.46
Eales	0.15	1.20	0.81	0.78	8.49	1.01	0.35	3.23	2.26	0.10	0.58	2.00	20.06
Elk Mountain	0.18	0.51	0.82	0.47	0.41	1.02		0.75	0.40	2.11	0.61	1.12	10.11
Elm Springs (near)	T.	0.50	1.08	0.20	0.48	0.56	1.79	2.10	0.50	1.95	T.	0.95	17.42
Eureka	0.02	0.24	0.48	1.28	0.44	5.24	3.29	1.85	2.65	2.16	T.	0.27	27.68
Fairfax	0.35	1.70	2.96	0.83	1.11	8.39	1.36	6.09	2.11	0.80	0.47	0.86	19.78
Faulkton	T.	0.47	1.23	1.72	1.04	6.53	1.33	1.67	2.36	2.35	0.08	1.00	11.22
Flandreau	0.19	0.64			1.27	5.82	1.30	1.76	1.11	1.03	0.65	1.05	18.38
Forestburg	0.12	0.95	1.20	1.12	1.59	5.16	1.04	3.31	1.51	0.90	0.54	0.94	20.54
Gannaville	0.10	1.30	0.96	0.72	0.52	6.56	1.25	3.79	2.74	1.25	0.20	1.15	12.30
Hardy Ranger Station	1.01	2.48	1.42	0.71	0.57	0.83	0.56	1.61	1.05	0.34	1.18	0.54	19.27
Harveys Ranch	1.10	1.55	2.46	1.68	1.10	2.51	1.62	1.85	0.75	1.90	1.90	0.85	13.46
Hermosa	0.29	0.72	1.71	0.26	0.16	1.67	0.80	1.55	1.49	2.97	0.61	1.23	18.08
Higmore	0.07	0.58	1.33	1.40	0.50	5.96	2.11	1.13	2.89	1.10	0.34	0.82	17.66
Hopewell	0.11	0.83	1.60	0.48	0.25	7.72	1.57	1.01	1.28	1.60	0.23	0.88	16.44
Hot Springs	0.50	0.90	2.80	1.08	0.36	2.24	0.67	1.08	1.41	2.40	1.40	1.60	17.90
Howard	0.15	0.47	1.13	1.26	1.34	6.09	1.08	2.82	1.76	0.82	0.34	0.64	22.64
Huron	0.09	0.53	1.52	0.92	1.15	7.78	2.55	4.50	1.45	1.49	0.12	0.69	17.93
Interior		0.60											
Ipawich	0.10	0.20	0.70	1.04	0.76	6.79	1.87	1.54	1.85	1.68	T.	0.80	15.85
Isabel				2.45	0.35	7.24			0.68	3.97	T.		22.65
Kennebec	T.	1.27	1.12	0.46	0.36	4.10	1.95	1.60	2.75	1.51	0.11	0.62	20.42
LaDelle	0.10	0.45	1.83	2.37	2.86	10.43	2.87	6.58	2.12	2.18	0.10	0.66	15.85
Lead	0.80	2.38	2.24	1.67	1.36	2.19	6.83	1.72	1.87	2.89	1.50	0.97	20.42
Lemmon				0.40	0.49	4.95	2.49	1.15	0.62	2.09	T.		12.30
Lindow				0.40	0.40	7.04	2.89	0.64	0.44	2.83	0.12	0.39	18.26
McIntosh	0.11	0.84	0.51	0.52	T.	6.85	1.64	1.23	0.59	1.67	T.	0.30	16.21
McLaughlin	T.	0.51	0.87	0.55	0.43	4.88	1.21	1.94	1.98	2.04	T.	0.70	15.21
Mason	T.	1.70	3.85	1.10	0.87	7.79	1.80	6.12	0.36	0.77	0.51	2.19	27.06
Meadow	0.06	0.27	0.89	0.33	0.13	6.38	1.36	1.13	0.77	1.45	0.10	0.28	13.14
Mellette	0.21	0.60	1.36	1.39	1.01	4.54	0.83	3.37	2.23	2.45	0.05	0.67	18.71
Menno	0.20	0.77	2.11	2.28	1.51	6.92	5.79	2.41	0.72	0.60	0.70	2.41	26.42
Millbank	0.56	0.90	2.05	2.70	1.19	5.12	0.95	5.47	2.45	1.13	0.10	0.36	23.96
Miller	0.05	0.48	2.00	1.05	0.66	7.10	1.58	1.71	1.80	1.33	0.14	0.55	18.45
Mitchell	0.12	1.56	1.66	1.40	1.29	4.60	1.89	2.37	2.45	1.15	0.22	0.96	19.67
Mud Butte	T.	0.40	1.00	0.29	0.02	5.40	2.01	0.97	0.57				10.21
Murdo	0.15	1.35	1.00	0.90	0.32	5.75	3.98	1.01	1.46	2.39	0.10	1.86	13.78
Newell	0.08	0.88	0.70	0.51	0.68	1.27	1.22	3.00					

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>South Dakota—Continued</i>													
Pukwana.....	0.13	0.47	0.43	0.41	0.78	4.19	0.74	1.88	3.00	0.83	0.27	0.48	13.61
Rapid City.....	0.38	0.96	1.73	0.34	0.53	2.27	2.35	1.19	0.61	2.92	0.95	0.95	14.91
Redfield.....	0.02	0.80	2.08	1.44	0.79	6.64	0.71	4.43	1.77	1.80	0.10	1.05	21.63
Rochford.....	0.55	0.77	1.65	0.70	0.80	4.73	1.04	1.49	0.47	2.38	0.55	0.80	16.63
Roslyn.....	0.65	1.52	1.76	0.73	1.04	1.60	1.01	0.90	0.94	3.60	1.63	0.89	16.27
Roslyn.....	0.06	0.30	0.86	2.66	1.47	3.62	1.78	4.48	2.19	0.89	0.08	0.83	19.21
St. Francis.....	0.18	0.69	0.67	0.23	0.79	3.88	1.34	3.50	1.21	1.34	0.88	0.78	14.99
Sioux Falls.....	0.17	0.88	3.11	1.41	1.35	4.73	0.79	2.68	1.37	1.42	0.62	1.95	20.28
Sorum.....			1.45	0.63	0.20	5.14	3.59	0.67	0.10	0.84	0.04	0.24	
Spearsfish.....	0.47	3.57	1.05	1.08	0.90	2.91	1.74	0.96	1.62	3.76	1.36	1.06	20.50
Tyndall.....	T.	0.54	0.77	0.92	1.12	4.52	2.72	2.96	1.68	1.65	0.17	1.55	18.00
Vale.....	0.11	0.88	0.99	0.37	0.57	0.98	0.73	1.41	1.21	5.33	0.81	0.71	14.10
Vermillion.....	0.38	1.38	2.22	1.70	1.70	5.00	1.20	3.25	1.68	0.90	0.31	1.84	21.56
Victor.....	0.09	0.13	1.31	3.70	1.71	5.37	1.90	3.02	2.70	2.30	0.14	0.72	23.09
Vivian.....	T.	0.90	0.85	0.90	0.23	4.44	2.14	1.16	1.70	1.22	1.26	0.75	14.66
Waters Ranch.....	0.20	1.15	2.37	0.96	3.22	4.44	1.43	3.20	1.43	0.67	0.33	3.80	21.45
Wagner.....	0.81	1.48	1.11	0.97	0.39	2.26	0.59	1.10	1.06	3.57	0.27	0.71	15.30
Watertown.....	0.13	0.32	2.46	2.72	1.72	5.86	2.96	5.83	1.62	1.50	0.32	0.97	26.31
Wentworth.....	0.11	0.37	1.70	1.58	1.77	7.22	1.12	2.52	1.10	1.63	0.34	0.86	20.12
White Lake.....	0.05	0.75	0.75	0.88	0.39	4.49	0.34	0.77	3.27	1.15	0.47	0.75	14.06
Winner.....										1.26	0.65	0.67	
Wood.....	0.13	1.09	1.28	0.67	0.42	3.71	2.35	2.81	1.62	1.51	0.45	0.88	16.92
Yankton.....	0.28	1.22	2.43	1.81	1.25	5.36	1.48	2.52	1.06	0.41	0.48	2.53	20.86
<i>Tennessee</i>													
Ashwood.....	6.50	5.15	2.50	3.63	6.85	4.72	1.20	1.05	3.75	T.	0.40	7.55	43.60
Bluff City.....	5.80	4.46	3.33	3.84	5.60	5.37	7.49	6.95	6.61	0.78	2.31	4.00	56.54
Brownsville.....	6.45	3.19	2.33	3.40	2.79	2.05	0.67	5.98	5.78	T.	2.13	8.57	44.34
Carthage.....	7.72	4.89	2.27	3.82	8.13	2.34	2.42	4.75	4.87	0.00	1.19	7.30	49.70
Cedar Hill.....	5.66	3.49	2.66	5.18	6.93	2.12	4.84	1.36	8.55	1.02	2.79	9.51	64.43
Celina.....	7.50	3.77	3.60	3.83	6.22	3.18	3.01	3.21	4.08	T.	3.06	5.73	47.19
Charleston.....	5.30	5.20	4.28	7.96	4.32	1.75	4.13	2.70	4.24	0.68	1.18	7.35	45.79
Chattanooga.....	6.24	4.02	4.59	10.43	5.69	3.84	2.92	2.04	4.20	0.22	1.01	7.71	62.91
Clarksville.....	5.87	2.86	2.98	3.46	6.54	4.22	6.74	1.23	3.86	0.29	2.24	8.88	48.97
Clinton.....	6.61	5.38	4.20	6.65	5.23	5.44	3.29	2.12	3.86	0.85	1.07	6.67	60.21
Coldwater.....	5.25	4.92	4.50	5.01	3.83	3.23	3.86	2.46	T.	0.75	1.68	47.21	
Cookeville.....	5.79	4.18	3.61	3.82	5.73	1.59	3.38	0.88	3.28	T.	1.77	6.19	40.20
Copperhill.....	7.12	4.49	4.55	9.80	4.07	2.95	7.99	0.82	5.28	0.97	0.69	7.61	56.34
Covington.....	4.53	2.21	2.92	3.06	4.18	2.45	0.28	3.18	5.01	0.00	2.04	5.25	35.11
Crossville.....	5.23	4.43	3.49	5.66	5.51	2.37	2.88	2.49	5.03	0.06	1.47	7.39	46.01
Dandridge.....	5.73	4.52	3.29	4.39	5.57	2.27	5.49	2.59	6.65	1.21	1.43	8.71	49.85
Decatur.....	5.27	5.21	3.68	8.43	5.37	2.18	6.38	1.46	5.24	0.40	0.69	8.75	62.96
Dickson.....		2.88	2.13	4.64	8.09	4.72	4.03	1.56	4.02	0.06	1.49	6.81	
Dover.....	5.04	4.38	2.29	3.12	5.91	4.61	2.92	1.25	3.03	[0.15]	2.75	7.40	42.75
Dresden.....					7.43	3.62	4.23	1.41	6.34	0.00	3.11	5.70	
Elizabethton.....	4.64	1.90	3.98	3.44	6.10	4.48	5.41	5.45	6.70	0.69	1.87	3.85	47.51
Elkmont.....								2.51	3.81	0.53	0.94	7.46	7.38
Etowah.....	4.50	4.88	2.60	3.92	4.15	1.17	4.41	1.11	4.10	0.07	1.41	4.43	42.69
Florence.....	6.32	4.64	2.18	3.54	3.98	1.89	3.43	3.82	2.87	0.04	1.30	6.83	40.84
Franklin.....	5.07	3.70	4.19	4.48	5.51	3.61	4.82	3.54	6.56	1.18	1.51		
Gatlinburg.....	4.07	3.04	2.60	2.75	5.02	4.07	6.92	2.67	3.91	1.38	1.39	4.56	43.28
Greeneville (near).....	6.21	4.78	3.20	3.92	7.43	1.20	6.12	0.77	2.48	0.00	1.00	6.01	43.10
Halls Hill.....	5.80	4.64	2.36	4.17	6.34	3.83	2.07	1.71	3.23	0.04	1.21	6.61	41.51
Hohenwald.....	5.49	3.01	2.42	3.17	5.83	2.98	2.31	3.40	5.18	0.09	1.62	5.92	41.42
Jefferson City.....	4.10	3.34	3.55	5.87	3.68	2.44	5.22	4.67	5.90	1.10	1.69	7.86	49.42
Johnson City.....	4.83	2.74	2.84	3.04	4.68	5.47	5.26	5.85	3.73	0.86	1.87	4.09	45.26
Johnsonville.....	6.68	2.77	2.18	4.03	5.61	6.72	7.28	1.43	3.62	T.	1.85	7.97	50.74
Kenton.....	3.92	2.12	2.70	2.95	3.83	3.58	4.20	2.36	4.72	0.03	2.86	5.74	41.01
Kingsport.....	5.59	3.36	1.94	3.98	4.97	5.78	4.25	2.88	4.64	0.99	2.87	7.98	48.53
Kingsport.....	6.87	4.70	4.61	7.12	4.53	2.69	4.43	1.20	6.02	0.42	0.53	8.01	51.96
Knoxville.....	4.24	4.66	3.96	6.46	4.96	3.45	3.45	1.77	6.30	0.39	1.88	4.46	47.41
Lebanon (near).....	6.71	4.32	3.26	3.94	7.05	3.03	3.38	1.32	3.27	0.06	1.05	8.15	45.34
Lewisburg.....	0.33	5.57	3.33	4.10	6.02	3.87	2.87	1.91	3.35	0.05	0.94	7.35	45.75
Lexington.....						5.49	1.61	2.91	4.51	0.10	1.28	8.76	
Liberty.....	7.22	4.92	3.31	4.07	5.17	1.78	3.64	1.40	3.60	0.10	1.46	6.95	43.62
Loudon.....	7.94	4.99	5.08	7.32	5.42	4.12	4.66	1.56	7.24	0.78	0.28	9.29	58.68
Lynnville.....	7.66	4.88	2.80	3.73	5.50	3.89	1.32	1.55	2.10	0.08	0.69	7.31	41.01
McGhee.....	7.03	3.75	3.59	6.14	4.67	2.94	4.90	0.34	5.56	0.70	1.83	8.75	50.29
McMinnville.....	5.20	4.15	4.10	5.73	7.45	1.38	4.67	1.01	3.11	T.	0.82	6.90	44.62
Madison.....	6.08	4.12	1.92	4.30	6.15	0.97	3.60	1.26	4.15	0.07	1.17	5.49	39.36
Memphis.....	6.15	2.52	2.32	4.74	6.36	3.62	0.99	0.87	5.19	0.09	2.94	5.32	40.91
Milan.....	5.87	2.21	2.71	2.99	5.14	2.55	1.07	2.66	2.90	0.00	1.90	5.02	34.82
Moscow.....	5.66	2.68	2.27	6.09	5.20	5.01	1.11	1.78	4.41	0.00	2.55	3.55	40.99
Nashville.....	5.49	3.44	1.74	3.55	6.39	0.91	4.38	2.59	3.64	0.03	1.25	5.35	37.66
Newbern.....					2.55	6.29	4.82	1.88	2.23	0.20	2.40	6.28	
Newport.....	4.83	3.23	3.56	3.94	5.47	4.08	6.69	2.05	6.71	1.10	1.84	4.45	47.95
New River.....	7.45	4.46	3.36	5.08	5.74	3.01	2.98	1.41	3.85	0.24	1.62	4.17	43.37
Palmetto.....	6.02	5.45	3.62	3.63	5.75	2.72	3.16	1.50	3.39	0.10	0.86	6.05	42.25
Paris.....	3.61	1.44	1.47	1.95	5.82	4.14	4.64	1.72	3.34	0.15	2.74	4.70	24.62
Parksville.....													8.40
Perryville.....	6.70	4.47	2.09	3.67	4.64	5.30	3.25	4.29	4.31	0.31	1.90	4.16	45.09
Pinewood.....	5.30	3.72	2.78	3.95	5.60	1.76	4.24	2.77	3.10	0.05	1.93	7.11	42.31
Rockwood.....	6.07	4.51	4.48	7.49	4.31	5.21	4.44	3.66	5.20	0.35	0.85	7.96	50.78
Rogersville.....	4.65	3.79	2.88	2.39	5.41	5.21	3.79	3.10	4.22	0.91	2.03	5.69	45.62
Rugby.....	4.30	4.33	2.93	5.30	6.03	3.86	6.32	1.73	6.37	0.25	1.70	6.43	58.67
Savannah.....	6.30	4.75	2.70	6.28	4.96	4.35	0.99	2.25	3.17	T.	1.58	4.73	

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Texas</i>													
Abilene	0.19	1.51	2.15	2.92	5.17	0.32	0.64	1.51	4.05	0.30	0.02	1.45	20.23
Albany	0.28	1.34	3.87	2.00	4.21	0.30	1.12	1.61	7.12	T.	0.83	1.45	22.86
Alice	2.22	0.82	0.61	0.50	3.86	3.82	1.04	0.00	1.66	0.36	0.00	2.15	17.04
Alvin	3.86	3.91	1.84	1.29	5.19	5.49	2.33	1.19	2.34	0.17	1.52	6.53	35.66
Amarillo	0.13	0.56	1.75	0.87	0.67	2.52	3.66	3.57	1.13	0.86	1.25	0.63	17.90
Anahuac	4.97	4.98	1.92	3.30	2.14	6.91							
Anderson	4.23	7.17	3.05	6.25	0.58	1.47	0.97	1.42	0.85	0.00	1.55	2.45	38.99
Angleton	4.74	5.13	2.24	1.15	4.64	4.62	1.06	3.94	1.83	0.02	1.01	6.36	38.74
Arthur City	2.70	1.65	4.48	2.14	3.74	0.00	1.35	1.45	2.45	0.00	1.59	2.22	23.77
Aspermont	0.02	0.42	1.19	4.04	2.21	0.64	0.66	1.86	3.57	1.14	0.08	0.13	15.96
Austin	1.76	4.48	2.69	4.40	6.93	5.27	0.05	0.44	5.85	0.29	0.05	1.25	33.46
Austwell	2.66	3.08	0.38	0.70	5.08	5.50	0.00	0.73	1.25	0.20	0.00	4.91	24.49
Ballinger	0.10	1.30	2.50	1.40	5.80	T.	0.60	0.80	3.30	1.00	0.25	2.15	19.20
Balmorhea	T.	1.98	0.32	0.46	0.02	T.	1.50	0.21	2.64	1.74	T.	0.23	9.11
Beaumont	5.71	4.62	1.45	4.45	1.97	4.65	2.12	0.54	2.05	0.07	0.77	4.44	32.84
Beville	1.22	1.32	0.85	1.04	6.60	4.32	0.30	0.06	1.71	T.	0.20	3.95	21.58
Big Spring	0.03	0.59	0.75	0.91	3.25	0.05	0.90	2.04	0.68	1.42	0.05	0.13	10.81
Bigwells	0.49	2.93	0.58	3.11	2.67	0.14	0.80	0.00	2.64	0.66	0.00	1.10	14.92
Blanco	1.47	3.22	1.80	2.40	5.17	3.22	0.05	0.90	2.62	0.46	0.30	1.33	22.94
Boerne	1.64	3.61	2.91	3.86	9.82	4.10	0.00	0.10	4.06	0.79	0.24	1.66	32.76
Bonham	1.99	1.76	4.63	3.38	5.67	1.53	0.41	0.64	4.45	0.00	1.67	3.25	29.38
Bon Wier	4.90	6.64	3.55	8.85		1.10			2.30				
Booker	T.	0.10	1.70	0.82	0.98	1.12	0.26	3.80	0.56	1.77	1.16	0.15	12.42
Bowie	0.32	1.55	3.88	2.45	2.71	1.26	0.87	3.44	1.52	2.35	0.27	1.47	22.09
Brazoria	6.01	6.54	1.53	1.00	4.31	4.08	1.47	3.15	2.56	0.39	0.84	8.32	40.00
Brazos	0.32	1.81	3.98	2.44	4.32	0.80	0.95	1.23	3.37	0.00	0.88	0.60	20.40
Breckinridge	0.05	1.07	3.56	1.98	2.75	1.55	2.78	3.85	8.83	0.06	0.06	0.22	26.76
Brenham	4.08	6.34	2.72	6.48	7.94	0.93	0.62	0.05	1.46	0.12	1.11	2.12	34.97
Bridgeport	0.20	0.98	3.50	1.62	1.65	1.27	0.95	3.29	2.32	T.	0.10	0.57	16.55
Bronson							0.15	1.28	0.48	0.00	0.92	3.66	
Brownfield	0.00	0.22	1.01	1.25	1.20	0.65	1.55	1.21	0.20	0.65	0.00	0.20	8.15
Brownsville	3.42	0.87	0.12	0.11	3.60	7.00	1.40	0.28	7.29	5.12	0.03	3.53	32.77
Brownwood	0.24	2.06	2.94	2.95	4.60	0.95	0.34	0.20	3.99	T.	0.32	0.05	18.64
Buena Vista	T.	1.61	T.	1.97	2.50	1.93	1.39	0.25	1.15	1.12	T.	0.20	12.12
Cameron	3.71	3.86	2.42	4.00	5.21	0.66	0.00	0.15	3.33	0.13	0.76	1.61	25.84
Canadian	0.00	0.87	2.32	2.34	0.80	0.53	0.97	4.71	1.27	1.97	1.80	0.83	18.30
Canyon	0.19	0.55	1.79	0.96	1.09	2.27	2.37	4.80	1.15	1.51	1.00	0.45	18.13
Carrollton	1.17	2.26	4.72	2.39	3.58	1.40	2.07	1.37	3.72	0.00	1.49	1.60	25.77
Center													
Childress	0.00	0.00	3.13	1.54	0.65	4.69	3.67	2.35	0.85	2.42	0.50	0.00	19.80
Chillicothe	0.04	0.23	2.61	2.32	0.49	2.08	2.85	3.07	0.64	2.23	0.22	0.24	17.63
Clarendon	T.	0.25	1.72	1.68	1.73	2.29	3.84	6.46	0.68	3.75	1.25	0.52	24.17
Clarksville	3.10	1.87	4.43	2.86	7.17	1.33	0.05	1.28	5.31	0.09	1.97	1.68	31.19
Claude	0.00	0.10	1.29	0.20	0.70	1.82	2.99	5.35	1.08	2.95	1.58	0.20	18.38
Claytonville	0.11	0.27											
Cleburne	1.32	2.20	4.90	1.56	5.52	0.54	0.61	1.63	3.11	0.16	2.32	0.70	24.57
Clifton	1.84	3.04	4.68	2.01	5.04	1.36	0.23	1.49	3.28	0.02	2.60	0.78	26.37
Clint	0.28	0.11	0.29	0.18	0.15	0.00	3.71	0.37	T.	0.18	0.00	0.04	5.31
Coleman	0.22	2.10	2.97	1.65	5.43	0.84	0.82	2.01	3.83	0.65	0.07	0.47	21.06
College Station	4.36	7.12	3.17	5.62	6.81	2.54	0.26	0.18	0.73	0.11	1.27	1.79	33.96
Colorado	0.09	0.10	0.60	0.64	5.11	0.74	1.26	3.25	4.52	2.63	0.03	0.54	19.51
Columbus	2.95	4.33	1.76	5.13	6.57	3.56	0.40	0.58	1.75	1.16	0.43	3.03	31.65
Comanche													
Comroe	3.40	6.36	2.77	4.31	16.51	2.04	2.38	3.46	1.68	T.	1.52	2.44	46.65
Copperas Cove	1.23	3.08	2.67	1.68	7.19	1.96	0.60	0.60	3.32	0.00	0.46	0.46	21.81
Corpus Christi	1.14	1.30	0.22	0.10	7.07	9.40	0.66	0.62	1.60	0.25	0.06	2.67	24.59
Corsicana	2.60	3.95	5.75	1.89	4.38	1.46	0.44	2.64	6.08	0.18	1.43	2.55	33.35
Cotulla	0.25	2.40	0.61	4.32	3.00	0.80	0.00	0.00	4.85	0.00	0.00	2.60	18.83
Crockett													
Croabryton	0.00	0.27	1.57	1.23	2.79	0.74	1.48	1.95	2.80	0.95	0.11	0.08	13.97
Crowell	0.00	0.30	3.09	2.28	0.64	4.55	1.85	0.20	1.90	1.97	0.10	0.00	16.88
Cusco	1.35	2.90	1.41	3.27	4.45	5.26	0.11	1.44	2.84	0.10	0.06	2.51	25.70
Dallhart	0.05	0.09	1.69	1.04	2.29	0.91	0.93	5.00	1.72	0.88	0.24	0.58	15.32
Dallas	1.14	2.24	3.98	1.54	8.72	1.65	0.47	0.81	3.04	0.13	3.36	1.54	23.62
Dangvang	2.40	6.45	2.30	0.30	4.17	5.09	1.50	2.16	2.90	0.65			
Del Rio	0.14	1.45	0.55	1.11	1.58	0.53	0.48	0.00	3.73	1.14	0.01	0.25	10.82
Denton (near)	2.06	0.88	4.44	7.79	4.56	2.55	1.70	0.84	4.85	0.06	0.90	3.60	34.27
Denton	0.85	1.16	4.04	2.93	1.70	0.92	0.57	2.12	3.23	0.00	0.21	2.09	19.62
Dialville	4.39	5.49	5.17	2.43	5.35	1.66	0.35	0.21	2.90	0.05	1.35	2.82	31.87
Dilley	0.45		2.65	1.30	4.19	0.41	0.32	0.00	5.06	0.47	0.00	1.36	
Dimmitt	0.00	0.22	0.38	0.47	0.82	2.39	3.53	4.63	1.09	1.03	0.75	0.14	15.46
Dublin				4.30	4.07			0.32	0.16	3.39	0.25	1.76	
Dundee	0.14	0.57	2.23	2.81	1.02	2.29	1.52	1.83	2.40	1.04	0.56	0.47	16.66
Eagle Pass	0.35	1.36	0.54	2.60	7.14	1.45	0.37	0.00	3.79	0.95	0.01	0.65	19.21
Eastland	0.19	1.95	3.13	1.38	4.28	0.85	0.95	0.84	4.50	0.01	1.22	0.52	19.82
Edna	0.21	1.40	1.00	0.85	4.45	1.08	0.40	0.80	3.02	0.45	0.09	0.39	14.14
Edna	2.23	2.97	0.44	0.57	3.76	7.66	0.00	1.88	5.10	0.20	0.00	4.63	39.44
El Paso	0.40	0.13	0.41	0.32	T.	T.	3.00	2.58	0.14	0.24	0.01	0.05	7.28
Euacinal	0.52	2.05	0.58	0.69	3.99	2.63	0.01	0.00	5.62	0.22	0.00	2.10	18.41
Euacinal	1.04	2.05	1.21	2.79	6.89	0.84	0.08	1.67	3.40	0.18	0.62	0.57	22.24
Falfurrias	2.49	2.32	0.66	0.60	8.49	8.52	1.45	0.78	3.48	0.38	0.00	3.53	27.70
Finley	3.40	1.88	3.20	2.53	3.75	0.00	0.50	1.65	2.70	0.20	2.30	2.27	24.38
Flatonis	2.84	5.93	1.58	5.92	9.05	2.15	1.67	0.51	3.70	0.05	0.46	2.01	35.87
Flint	3.98	3.75	4.74	4.13	6.09	1.20	T.	0.81	1.95	0.26	1.72	4.29	33.02
Floresville	0.85	3.30	0.95	2.40	6.41	5.63	0.38	T.	2.14	0.34	1.00	1.74	24.15
Fort Clark	0.27	1.67	0.69	1.20	2.80	0.98	0.17	T.	3.37	0.32	0.25	1.29	13.61

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Texas—Continued													
Georgetown	1.66	3.40	2.79	3.43	7.97	1.53	0.51	0.85	7.31	0.14	0.27	1.01	30.87
George West	1.00	1.30	0.63	1.68	6.28	1.74	0.06	0.22	2.48	0.59	0.00	3.31	19.26
Goldthwaite	0.69	1.02	2.31	2.36	6.19	0.26	0.75	0.21	4.06	0.26	0.21	0.30	19.42
Goliad	1.58	1.69	0.87	1.27	4.14	4.68	0.15	0.83	3.28	0.27	0.35	3.27	22.36
Gonzales	1.36	4.03	1.83	3.79	7.15	2.53	0.94	0.07	2.79	0.00	0.11	2.07	27.37
Goose Creek	4.30	3.93	1.90	1.83	4.16	6.13	0.15	2.13	0.35	0.74	2.28	4.81	32.71
Graham	0.15	0.95	3.10	1.28	2.00	2.40	3.30	1.16	7.80	0.38			
Grandfalls	0.00	1.10	0.00	0.30	1.95	0.00	2.00	1.20	0.35	0.60	0.00		
Greenville	1.71	1.88	4.34	2.10	4.47	0.65	0.29	0.64	6.31	0.13	1.83	1.92	26.27
Grossbeck	2.42	4.08	4.18	1.86	7.29	1.09	0.19	1.72	3.64	0.17	2.60	1.39	30.03
Groveton	5.07	4.89	4.26	5.82	7.35	4.26	1.25	0.00	2.65	0.00	2.00	2.75	40.40
Hallettsville	1.87	3.79	2.80	3.56	3.85	4.18	T.	1.44	1.25	0.23	0.24	2.67	26.86
Hamilton	0.89	2.05	3.55	2.71	2.77	0.18	0.35	0.45	4.68	0.00	0.00	0.65	18.28
Hamlin				1.83				0.97					
Harlingen	4.58	0.47	0.35	0.00	6.07	1.63	0.96	0.46	4.75	2.42	0.00	2.24	23.93
Harrisburg	4.89	4.35	1.92	2.19	6.40	3.78	0.26	2.15	1.29	0.12	1.26	5.36	33.97
Haskell	0.09	0.29	1.06	2.93	3.16	1.28	1.20	3.44	7.28	0.59	0.08	0.08	21.46
Hawkins				2.75	5.69	0.63	0.10	1.14	3.85				
Hebronville	0.73	0.25	0.51	0.10	5.69	2.81	1.08	0.00	3.24	1.36	0.00	3.06	18.83
Hempstead	3.61	7.67	2.86	6.49	4.94	3.02	1.22	0.00	3.16	0.47	1.11	1.66	36.21
Henderson	2.96	4.18	4.31	3.42	8.90	1.38	0.05	0.58	1.87	0.23	0.99	1.98	31.73
Henrietta	0.05	0.45	2.10	3.15	1.44	1.68	0.80	2.44	2.35	0.25	0.52	1.00	16.23
Hewitt	1.98	2.80	3.49	1.87	4.66	0.23	0.18	0.08	5.19	0.52	1.11	0.47	22.67
Hico	0.93	2.03	5.18	2.48	2.54	0.00	0.58	0.58	3.55	0.00	1.37	0.45	19.60
Hillsboro	2.08	1.67	4.62	1.95	4.05	0.85	0.40	0.65	2.82	0.20	2.20	1.45	22.94
Hill's Ranch	2.56	3.53	2.28	4.21	4.71	3.84	2.09	0.40	3.34	1.13	0.06	1.20	30.04
Hondo	1.39	2.83	2.03	6.22	3.49	4.97	0.03	T.	2.44	0.10	0.02	2.65	26.87
Honey Grove	2.38	1.87	5.01	2.51	0.52	1.28	0.28	1.33	3.99	T.	1.79	2.08	29.94
Houston	4.87	4.87	2.24	2.67	7.11	3.67	2.60	0.94	1.25	0.44	1.35	3.77	35.46
Hovey	0.01	2.35	0.13	0.22	0.24	0.27	1.78	1.41	2.87	1.31	0.00	0.35	11.37
Huntsville	2.80	3.80	3.60	7.20	5.30	2.30	0.00	T.	2.60	0.00	1.20	2.60	31.30
Index	3.21	1.78	2.68	3.40	6.53	2.07	1.27	0.96	3.51	0.19	1.39	1.62	27.61
Jefferson	5.51	3.47	4.42	4.03	8.40	1.53	0.17	0.80	2.80	0.02	2.15	4.61	37.91
Junction	0.48	1.63	3.34	1.98	4.83	1.53	T.	1.25	5.88	0.75	T.	0.48	22.15
Karnes City	0.85	1.34	1.78	1.66	4.79	6.32	0.00	0.10	1.75	0.08	0.12	2.14	20.93
Kaufman	2.85	3.11	5.29	3.94	6.46	1.93	0.14	3.54	5.68	T.	2.09	1.48	36.61
Kerrville	0.85	2.36	3.40	1.55	4.60	3.01	0.00	0.57	4.42	0.46	0.06	0.93	22.21
Knickerbocker	T.	3.18	1.17	0.70	3.77	T.	0.10	2.39	2.23	0.34	T.	0.60	14.48
Kopperl	2.11	1.23	4.20	1.92	2.45	0.43	0.44	2.00	2.36	0.50	1.96	0.75	20.35
Lagrange	3.27	7.19	1.58	5.48	8.78	1.68	1.14	0.89	2.40	0.21	0.86	2.08	35.67
Lamesa	0.00	0.57	1.40	0.72	2.19	1.33	1.11	3.12	0.40	0.15	0.15	0.10	11.94
Lampasas	4.80	2.09	1.79	1.39	4.48	0.63	0.75	0.47	2.66	T.	0.34	0.68	16.37
La Parra	2.49	0.56	T.	0.25	8.31	2.60	0.00	6.48	6.82	0.18	0.00	2.66	21.35
La Pryor	0.59	1.61	0.79	3.36	3.14	2.89	0.07	0.00	2.99	0.33	0.02	0.67	16.16
Laredo	0.59	1.14	0.18	0.08	3.20	1.03	0.00	0.00	2.34	0.00	0.00	2.10	10.66
Liberty	5.34	4.77	2.47	3.81	4.42	3.06	0.93	2.24	1.16	T.	1.58	4.19	33.99
Lieb (near)	0.00	0.50		2.25	0.52	0.65	3.30	2.85	0.78	1.34		1.00	
Little River	0.81		2.65	1.60	6.00	0.40	T.	0.00	8.00				
Llano	0.66	2.14	1.70	2.72	4.01	2.38	0.20	0.20	4.96	0.10	T.	1.17	30.34
Long Lake		5.48	4.44	2.50	5.06	1.02	0.00	1.75	6.70	0.10	1.91		
Longview	5.12	3.50	3.40	3.37	7.64	0.67	0.00	0.90	1.52	0.60	2.53	4.32	38.47
Lubbock	T.	0.17	0.96	0.86	0.90	1.79	1.20	1.76	1.25	0.47	0.03	0.15	9.54
Lufkin	4.09	6.55		4.65						0.00	1.16	3.60	
Luling	1.86	4.16	1.72	4.03	6.58	3.17	0.48	0.26	2.53	0.10	0.19	2.06	27.73
McGregor	1.52	2.75	3.64	1.39	5.75	0.39	0.48	0.73	3.26	0.76	1.14	0.72	22.34
McKinney	1.35	1.66	3.75	2.85	4.95	0.94	0.94	2.50	5.19	0.06	2.03	1.95	27.71
Marble Falls	1.15	3.25	1.40	4.06	5.65	1.74	0.32	0.48	3.51	0.10	1.30	0.41	22.37
Marshall	5.07	3.85	4.60	3.43	6.31	0.97	T.	1.10	0.77	0.06	1.92	2.25	30.33
Matsagorda	2.66	4.78	0.74	1.01	3.67	5.06	0.99	0.81	3.12	2.83	T.	6.44	32.13
Mathis	1.13	2.00	0.69		2.43								
Memphis	T.	0.26	2.14	1.39	0.16	3.51	5.64	3.47	1.85	4.17	1.10	0.13	28.82
Mercedes	2.79	0.56	0.24	0.00	7.30	3.12	0.50	0.00	4.77	3.40	0.00	2.59	25.33
Mexia	2.64	3.65	5.39	1.06	7.16	0.73	0.10	0.49	5.85	0.67	1.81	1.64	31.61
Miami	0.10			1.10			1.09	3.28	1.13	2.68	1.70	0.30	
Midland	T.	0.75	0.64	0.97	2.89	0.00	0.51	2.71	0.48	0.83	0.00	0.20	8.86
Mission	1.51	0.35	0.56	0.46	3.14	3.02	2.80	0.10	4.64	1.33	0.00	2.44	26.87
Montell	1.08	1.15	1.08	1.41	2.09	1.11	1.95	0.13	2.35	0.74	0.00	0.36	15.45
Morris Ranch	0.63	2.38	1.38	1.67	3.59	2.99	0.21	0.26	3.26	0.11	0.20	0.66	17.54
Mount Pleasant	3.49	2.39	1.84	2.63	3.96	0.46	0.27	1.94	3.61	0.10	2.35	1.78	24.76
Muleshoe	0.00	0.25	1.07	0.37	1.07	1.67	8.13	3.39	0.95	0.67	0.45	0.00	18.02
Munday	0.00	0.62	3.09	3.76	1.61	2.94	1.72	1.31	3.86	0.50	0.20	0.24	10.94
Nacogdoches	5.01	5.16	4.35	5.71	9.46	3.07	0.06	T.	1.97	0.05	2.14	2.75	30.73
Navasota	3.94	6.39	2.63	6.96	8.35	3.05	0.70	0.00	2.04	0.00	0.97	2.19	37.18
New Braunfels	1.57	3.32	1.98	4.08	5.77	2.36	T.	0.15	2.30	0.61	0.05	2.39	24.38
Nixon	0.77	2.75	0.83	2.92	6.51	2.48	0.06	1.11	2.19	0.27	T.	1.84	31.73
Nolan	0.00	0.98	2.25	1.65	4.33	1.24	0.91	2.29	3.45	1.53	0.00	0.94	19.00
Orange	6.13	7.80	2.78	5.80	3.10	2.10	0.30	2.37	2.77	0.00	1.44	4.95	30.54
O 2 Ranch	T.	2.27	0.31	0.53	0.56	0.60	1.72	1.00	0.52	1.23	0.00	0.74	6.48
Paint Rock	T.	0.33	1.72	1.94	0.67	2.44	2.04	2.61	1.39	1.67	0.15	0.06	16.04
Painton	0.21	2.28	1.80	0.71	4.26	0.06	0.74	2.60	3.17	0.71	0.08	0.85	17.48
Panhandle	0.01	3.97	4.81	2.66	4.71	2.66	0.07	0.55	4.49	0.36	1.49	1.77	28.91
Panhandle	0.00	2.34	1.90	1.00	4.75	1.02	2.70	3.77	1.27	0.50	0.02	0.15	20.19
Paris	2.97	1.76	5.29	2.52	5.52	0.75	0.58	1.14	4.91	T.	1.15	2.24	26.16
Pearsall	0.50	1.06	1.14	1.30	1.78	0.00	0.00	0.00	2.98	1.34	0.00	1.21	
Perryton	0.80	0.67	2.48	1.74	0.80	2.35	1.04	2.23	1.00	1.61	0.68	0.70	15.26
Pierce	2.50	5.14	1.89										

PRECIPITATION, 1924

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Texas—Continued</i>													
Riverside	4.64	4.94	4.79	6.15	5.68	3.25	0.18	1.95	2.01	0.16	1.40	2.79	37.94
Robstown (near)								0.00	2.86	0.00			
Rockelle	0.36	2.08	2.43	2.99	6.43	0.10	0.11	1.09	5.75	0.35	0.04	0.60	22.33
Rockland	4.60	4.75	2.55	2.35	7.65	2.15	0.70	0.00	1.40	0.00	1.20	2.75	30.10
Romero	0.25	T.	2.72	1.29	1.28	1.70	1.02	2.85	1.51	0.66	0.95	1.68	15.92
Rosenberg	3.02	4.33	2.24	3.22	0.79	3.93	0.70	1.05	1.79	0.00	0.56	3.55	31.23
Rosville	0.67	3.30	0.90	1.42	4.36	2.28	0.00	0.12	3.22	0.02	0.05	1.40	17.74
Runge	1.05	1.90	1.32	3.30	3.74	3.74	0.48	0.00	2.21	0.00	0.00	2.91	20.65
Sabinal	0.83	2.29	0.98	3.50	3.60	2.04	0.43	0.01	1.37	0.16	0.05	2.02	17.23
San Angelo	0.12	2.07	1.33	0.25	4.50	T.	T.	0.23	1.68	1.00	0.00	2.23	13.50
San Antonio	0.97	3.02	1.29	3.36	4.71	4.66	0.05	T.	2.52	0.52	0.24	2.31	23.65
San Benito	1.84	0.66	0.30	0.04	4.82	3.91	0.24	0.01	5.21	1.50		3.79	
San Marcos	1.18	3.51	2.01	3.02	4.71	2.14	T.	0.29	2.30	T.	0.40	2.40	21.96
Santa Gertrudis	7.35		0.84		5.76	6.30			3.26				
Sealy	4.59	3.89	2.04	6.09	5.31	4.43	0.03	0.08	1.37	0.37	1.30	2.61	32.11
Saguin	1.37	4.25	0.55	2.71	5.56	3.84	0.00	0.71	1.52	0.51	0.08	2.01	23.11
Seminole	0.00	0.34	0.95	0.53	0.75	0.77	3.08	1.80	0.00	0.98	0.00	0.30	9.50
Seymour	0.00	0.25	2.55	3.06	1.10	1.70	1.55	1.00	4.00	0.65	0.86	0.00	16.66
Sherman	1.53	2.02	4.79	4.02	3.27	3.56	0.45	2.14	2.46	0.00	0.96	3.58	29.79
Sinton					4.30	3.95							
Smithville	2.14	7.04	2.46	4.17	7.91	2.12	T.	0.33	3.16	0.38	0.52	2.40	32.63
Snyder	T.	0.05	1.15	4.34	4.27	0.45	0.57	1.55	1.40	T.		0.00	15.78
Somerville	2.00	4.92	2.10	1.90	7.90				1.30	0.00	0.75	0.15	
Spearman	0.00	0.70	2.17	2.56	0.00	0.88	3.67	3.27	1.05	1.00	0.50	0.30	16.10
Spur	T.	0.09	1.88	0.81	1.98	0.65	1.76	1.19	2.00	0.80	T.	T.	11.16
Stephenville	0.46	2.18	3.29	3.01	2.17	0.12	0.40	0.52	4.60	0.05	1.97	0.20	18.95
Study Butte	0.20	0.47	0.09	0.42	1.22	T.	1.29	1.65	0.80	0.76	0.00	0.45	7.35
Substation No. 14	0.12	1.98	2.51	1.37	4.91	0.42	0.60	1.62	3.70	0.21	T.	0.55	18.40
Sulphur	3.76	4.65	2.76	3.00	4.99	2.53	0.77	0.65	0.41	0.00	0.93	5.31	30.36
Sulphur Springs	3.22	1.57	4.40	2.41	3.49	0.25	T.	2.70	5.19	0.11	2.29		
Taylor	2.05	2.73	2.14	3.95	5.38	0.55	0.01	1.55	1.87	0.06	0.36	1.11	21.62
Temple	1.75	4.30	2.93	3.29	4.90	1.42	0.27	1.45	4.81	0.63	1.40	1.17	28.32
Three Rivers	0.90	1.10	0.95	2.20	3.20	1.95	0.95	0.00	3.80	0.00	0.30	3.70	24.05
Throckmorton	0.18	0.33	1.99	1.84	0.90	1.99	1.39	2.05	3.85	0.70	0.03	0.89	16.24
Trinidad	2.63	3.82	5.30	1.12	3.61	0.53	0.50	1.02	10.00	0.15	1.98	2.38	33.94
Troup	3.69	4.32	5.08	2.96	9.06	1.04	0.05	0.52	1.92	0.18	1.34	1.57	31.73
Tulla	0.00	0.38	0.79	0.63	4.52	1.13	3.85	4.81	1.15	2.72	1.86	0.00	21.84
Uvalde	0.60	1.55	1.07	2.30	2.66	0.75	0.82	0.05	1.95	0.93	0.05	2.95	15.68
Valley Junction	1.60	5.01	2.63	1.77	3.74	0.50	0.10	0.00	0.67	0.00	0.78	2.15	18.95
Vega	0.07	0.26	1.82	0.78	0.69	2.69	1.37	3.13	1.12	0.92	0.54	0.59	13.98
Victoria	2.59	1.93	1.59	0.76	4.68	6.29	0.55	3.44	2.00	0.20	0.00	5.61	29.54
Waco	1.93	3.39	3.60	1.90	3.80	0.93	T.	2.70	4.33	0.14	1.18	0.55	21.75
Waxahachie	1.69	1.94	5.71	2.93	5.73	0.88	1.27	2.28	3.44	0.00	0.92	0.61	30.80
Weatherford	0.66	1.98	1.53	2.20	5.05	4.42	0.85	0.00	1.98	0.00	0.00	2.25	30.92
Wicks Falls	0.09	1.07	2.46	2.15	1.44	1.78	0.39	2.38	2.68	0.37	1.06	0.75	16.62
Willis	7.75	7.10		9.90					2.00			2.50	
Winfield (near)	4.70	3.81	4.83	4.71	8.29	0.50	0.10	0.64	5.30	0.15	1.60	1.15	35.78
Winters	0.10	2.02	0.61	1.74	3.53	0.00	0.90	0.45	3.09	0.57	0.00	1.20	14.21
Woodsboro	2.10	1.85	0.25	0.21	6.11	5.26	0.00	0.10	2.04	0.00	0.15	4.09	22.26
Yoakum	1.77	3.61	1.84	8.48	2.71								
<i>Utah</i>													
Alpine	0.82	0.44	3.13	0.80	1.66	0.10	1.27	0.42	0.39	1.19	0.54	2.52	13.26
Alton	0.61	0.00	2.36	1.37	0.51	0.00	2.09	0.19	1.43	0.51	0.84	1.68	11.61
Altimite	0.24	0.13	1.94	0.26	0.67	T.	1.26	0.49	0.71	0.82	0.95	1.73	8.60
Beaver	0.45	0.12	2.45	0.64	0.04	0.02	2.44	0.14	0.59	0.78	1.00	1.64	11.31
Beaumont	0.59	0.11	2.09	0.51	0.78	T.	0.73	1.38	0.06	1.90	1.13	1.22	10.52
Big Plains	T.	0.00	1.22	0.58	0.45	0.00	1.10	0.10	0.70	0.70	0.05		
Black Rock	0.55	0.40	2.21		0.66		0.10	0.60	0.96	0.72	1.00	1.20	
Blanding	0.90	0.20	1.35	0.25	0.08	T.	2.81	0.13	0.85	1.32	0.20	1.97	10.06
Bluff	0.22	0.10	0.36	0.05	T.	T.	0.88	0.10	0.39	1.01	0.16	1.19	4.46
Brigham City	0.18	0.65	2.26	0.65	0.43	0.25	0.80	0.38	0.84	1.84	1.00	4.65	13.41
Cannonville	0.60	T.	0.96										
Castle Dale	0.22	0.07	1.09	0.12	0.59	0.08	1.45	0.27	0.59	0.52	0.06	1.00	6.66
Castle Rock					2.26	0.00	0.70	0.43	0.14	1.24	0.84	1.38	
Cedar City	0.37	0.20	2.56	1.07	0.64	0.00	2.56	0.23	1.06	1.53	0.70	2.60	13.65
Clarkston	0.75	0.80	2.30	0.55	0.29	0.28	0.62	0.00	0.80	0.98	0.68	2.56	11.61
Cornish (Sugar Factory)									0.30	1.85	0.97	3.42	
Cottins	0.50	0.10	1.28	0.51	0.37	T.	0.82	T.	0.50	1.67	0.65	3.70	10.10
Cottonwood Beaver Ranger Station													
Cottonwood Weir	0.65	1.00	3.47	1.27	1.80	0.62	0.27	0.31	0.14	2.30	1.14	4.31	17.28
Coyote	0.16	T.	0.55										
Dallas				0.50	0.98	0.00	0.69	0.03	0.01	0.12	0.50	0.75	
Deseret	0.09	0.20	1.23	0.18	0.60	0.00	0.46	0.80	0.43	1.33	0.60	1.20	6.62
Dry Gulch Ranger Station					1.17	0.00		0.02					
Duchesne	T.	0.00	1.85	T.	0.38	0.00	0.76	1.75	0.74	0.57	0.34	0.81	7.20
East Portal					1.11	0.11	2.88	1.09	0.96	2.07			
Elberta	0.32	0.09	1.15	0.13	1.02	0.04	0.92	0.70	0.24	1.19	0.45	0.95	7.21
Elkhorn (Ashley) Ranger Station	0.10	0.00	1.96	0.12	1.52	0.00	0.26	0.00	0.72	0.78	0.50	1.07	6.53
Elkhorn (Fishlake) Ranger Station					0.77	0.00	0.72	1.10	1.80	0.98			
Emery	0.28	0.20	0.78	0.10	0.00	0.00	0.83	0.44	1.00	0.50	0.25	1.19	5.57
Escalante	0.20	2.50	0.60		0.08	0.13	0.80	0.82	0.60	0.02			
Farmington	0.76	0.75	2.98	0.72	2.01	0.65	0.54	0.53	0.81	1.78	1.60	5.72	18.59
Fishlake	1.57	0.53	3.43	1.62	1.44	0.00	0.17	0.20	0.79	1.44	1.30	3.05	15.59
Fishlake Ranger Station					1.08	0.00	2.66	2.37	1.03	0.69			
Fort Duchesne	0.12	T.	0.68	T.	0.38	0.00	0.25	0.34	0.72	0.65	0.28	0.45	3.82
Fruitland	0.25	0.07	1.40	0.15	0.21	T.	1.25	0.10	0.12	0.61	0.58	1.08	6.86
Garfield									0.39	1.68		1.27	
Garland	0.22	0.12	1.87	1.07	0.25	0.25	0.65	0.15					
Goshute Ranger Station									1.14				
Government Creek	0.40	0.20	2.09	0.42	0.73	0.09	0.90	0.96	0.43	1.67	1.24	1.88	9.90
Grandville													

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Utah—Continued													
Great Basin Experiment Station, Alpine					2.40	0.50	1.41	0.49	1.36	1.40			
Great Basin Experiment Station, Oak Brush					1.73	0.05	1.54	0.31	1.23	1.76			
Green River	0.13	0.03	0.54	0.04	1.29	0.03	0.64	0.08	1.36	1.13	0.12	0.83	6.12
Hanksville	0.22	0.05	0.25	T.	0.67	0.00	0.04	0.10	0.26	0.37	T.	0.37	2.33
Hatch	0.19	0.01	0.54	0.84	0.69	0.00	1.93	0.14	0.49	0.39	0.27	1.31	6.90
Heber	0.78	0.12	1.83	0.32	1.15	0.28	0.59	0.37	0.52	1.16	1.34	1.73	10.24
Hiawatha	0.32	0.14	2.38	0.02	0.82	0.02	0.95	0.61	1.32	0.26	0.20	1.04	8.48
High Line City Creek	0.94	1.74	4.54	1.30	1.85	0.71	0.69	0.59	0.48	2.59	2.19	5.41	23.63
Hole-in-the-Rock	0.30	0.30	2.04	0.85	0.91	0.05	0.58	0.53	1.07	1.75	0.92	0.64	10.04
Huntsville	0.54	0.84	2.88	0.60	2.05	0.16	1.32	0.58	0.77				
Hurricane	0.00	0.00	1.17	0.43	0.20	0.00	0.43	0.10	1.17	0.48	0.00	1.97	5.95
Hvapah	0.09	0.12	1.35	1.68	0.29	T.	0.34	0.69	0.52	1.32	0.80	1.24	8.44
International	0.35	0.21	1.97	0.87	1.43	0.02	0.50	0.72	0.74	1.25	1.03	2.17	11.26
Joseph	0.41	0.12	0.99		0.32			0.44	0.46	0.08			
Kanab	0.21	0.05	1.25	0.65	0.20	0.00	0.28	0.68	1.51	0.05	0.10	2.31	7.29
Kanosh	1.35	0.80	3.76	1.28	1.85	0.02	0.42	0.33	0.75	1.34	1.66	2.80	16.86
Kelton	0.10	0.37	1.22	0.05	0.16	0.00	0.65	0.00	0.76	1.93	0.13	1.02	6.44
Koosharem	0.59	0.08	0.89										
Koosharem Ranger Station						0.30	1.10	1.45					
Lake Point	0.18	0.19	1.59	0.68	0.74	0.00	T.	0.75	0.18	1.34	1.52	2.73	9.90
Laketown	0.31	0.31	0.93	0.28	0.49	0.08	0.44	0.04	0.81	1.82	0.89	1.13	7.63
Lasal	0.01	0.07	0.47			0.00	1.90	0.77	1.15	1.35	0.20	5.23	8.96
Leeds (near)	0.60	0.00	1.26	0.34	0.32	0.00	0.00	0.34	0.07	0.37			
Lemay	T.		1.44	0.18	0.16	0.07	0.93	0.25	0.70	2.04	0.07	0.87	
Levan	0.30	0.33	2.12	0.15	2.68	0.07	0.35	0.66	1.31	1.55	0.72	2.28	12.62
Lewiston									0.68	2.39	1.10	3.24	
Loa	0.27	0.25	0.21	0.60	0.48	T.	0.85	0.50	1.20	0.50	1.80	1.33	6.99
Lockerby	0.93	0.08	1.54	0.26	0.31	0.00	2.19	0.73					
Logan	0.28	0.73	2.02	0.44	0.97	0.36	0.42	0.04	0.70	2.06	1.22	3.18	12.42
Logan (Sugar Factory)								0.62	0.39	2.24	1.47	4.50	
Lone Tree						0.12	0.55	0.24					
Lower Ranger Station							4.51	0.38	2.06				
Lower American Fork	0.56	0.10	2.66	0.46	1.05	0.09	0.79	0.44	0.98	0.80	0.90	2.79	11.62
Lower Mill Creek	0.79	1.51	3.64	0.95	1.53	0.56	0.22	0.45	0.36	2.56	1.63	5.85	20.05
Luelin	0.07	T.	0.30	0.10	T.		0.10	T.	0.65	2.30	0.00	0.31	3.88
Lund	0.39	0.10	1.32		0.85	0.00	0.00	0.45	1.17	0.73	0.12	1.77	
McCormick	0.00	0.15	1.54	0.35	0.90	0.00	1.18	0.22	1.31	1.06	0.67	1.57	9.30
Mammoth Ranger Station							1.10	0.93	1.51	2.65			
Manila	0.11	0.28	2.66	0.47	0.98	0.00	0.53	0.22	0.36	0.94	0.40	0.49	7.32
Manti	0.39	0.20	2.54	0.65	1.40	0.00	0.92	0.65	1.07	1.28	0.81	1.21	11.12
Maplewood	0.35	0.42	2.35	0.37	0.80	0.60	1.10	0.33	0.15	2.30	0.85	1.60	11.22
Midlake	0.04	0.03	0.71	0.00	0.51	0.69	0.10	0.43	0.02	1.35	0.25	0.65	4.98
Midvale	0.38	0.62	1.82	0.96	0.82	0.34	0.10	0.38	0.18	1.78	0.99	3.00	11.35
Millford	0.28	0.47	2.32	0.38	1.43	T.	1.32	0.72	0.28	1.34	0.88	1.24	10.61
Millville	0.35	0.19	2.36	1.24	0.30	0.40	0.50	0.00	0.40	1.66			
Moab	0.45	0.45	1.26	0.73	0.99	T.	1.16	0.53	1.30	1.03	0.20	3.16	10.96
Modena	0.17	0.09	2.84	0.53	0.39	0.00	1.09	0.31	0.13	0.41	0.44	1.14	7.54
Monticello	0.64	0.12	1.98	0.36	0.16	0.04	1.49	0.97	0.96	1.65	0.25	3.58	12.00
Morgan	1.20	0.75	2.65	0.70	1.92	0.40	0.50	0.87	0.60	1.90	2.55	3.96	17.98
Moroni	0.29	0.18	1.44	0.58	1.53	T.	1.21	0.51	0.82	0.79	0.92	1.33	9.60
Mosida	0.30	0.25	0.74	0.01	2.00	0.02	0.44	0.47					
Mountain Dell	0.95	0.78	2.59	0.87	1.19	0.63	0.30	0.25	0.27	1.72	1.31	3.56	14.62
Mountain Ranch Ranger Station						0.00	0.83	0.60	0.80	0.97			
Mount Baldy Ranger Station						0.07	1.71	0.90	2.09				
Mount Emmons	0.15	T.	0.64	0.10	1.18	0.00	0.69	0.32			0.05	0.78	
Murray				1.12	0.92	0.39	0.25	0.22	0.16	1.21	0.55	1.28	
Myton	0.06	T.	0.93	0.04	0.73	T.	0.60	0.42	0.62	0.53	0.29	0.49	4.71
Nada	0.20	0.22	2.12	0.42	0.80	T.	0.98	1.08	1.18	1.14	1.60	1.57	11.41
Nephi (near)	0.29	0.10	1.28	0.06	1.84	0.05	0.37	1.05	0.88	1.29	0.68	1.73	9.72
Newcastle	0.30	T.	2.30	0.25	1.10	8.00	0.60	0.00	1.00	1.00	0.50	1.30	8.41
New Harmony		0.00	2.66			0.00	0.72						1.74
Oak City	0.84	0.31	1.64	0.49	1.95	0.20	0.64	0.48	0.65	2.13	0.75	1.94	12.11
Ogden	0.54	1.27	2.12	0.49	2.11	0.23	0.40	0.53	0.30	2.96	1.33	4.78	17.72
Ogden (Sugar Factory)									0.24	2.12	1.58	4.28	
Orderville	0.32	T.	1.27	0.78	0.23	0.00	2.16	0.00	1.37	0.41	0.30	2.16	9.00
Ord's Ranch	0.76	0.14	0.96	0.05	0.57	0.00		0.07	0.17	1.49	0.97	1.45	
Panguitch	0.53	0.02	1.22	0.29	0.60	0.00	1.40	0.52	0.90	0.50	0.20		
Park City	0.54	0.07	4.84	0.65	1.21	0.11	1.13	0.42	0.60	1.71	1.80	3.94	17.02
Park Valley	0.18	0.56	1.14	0.29	0.12	0.01	0.74	T.	0.80	1.78	0.06	1.74	7.42
Parowan	0.42	0.36	2.03	1.24	1.17	0.00	2.98	0.40	0.71	0.99	0.82	1.55	12.28
Payson	0.82	0.40	1.80	0.21	1.77	0.12	0.90	0.55	0.17	1.86	1.18	2.87	12.72
Piute Dam	0.35	0.06	0.49	0.18	0.46	0.00	1.28	0.46	0.46	0.82	0.68	0.70	5.89
Price	0.68		0.00	0.52	0.00	0.00	1.00	0.40	1.20	1.20	0.85	1.36	
Provo	0.68	0.12	2.86	0.18	1.14	0.13	0.59	0.26	0.26	1.47	1.32	2.45	11.64
Provo Bench	0.74	T.	3.08	0.18	1.64	0.15	0.63	0.26	0.26	1.40	1.18	2.69	12.21
Randolph	0.62	0.13	0.55	T.	0.53	0.15	1.32	0.30	0.30	1.35	0.65	0.77	6.67
Richfield	0.22	0.15	1.10	0.31	1.01	T.	0.42	0.37	0.89	0.41	1.03	1.33	7.74
Richmond	0.52	0.83	2.97	0.85	0.39	0.41	0.71	0.10	0.50	2.17	1.19	4.15	15.08
Riverdale	0.49	0.65	2.65	0.45	1.71	T.	0.15	0.51	0.35	2.09	1.62	3.54	12.64
St. George	0.14	0.00	0.95	0.27	0.14	0.00	0.21	0.25	0.50	0.24	0.04	1.65	4.49
St. John	0.65			0.10	0.01	0.00	0.30	0.35	0.10	0.08	1.50	1.50	
Salt Lake City	0.08	0.36	0.42	0.23	0.21	0.00	0.05	0.06	0.30	0.59	0.24	0.23	2.61
Salt Lake City	0.57	0.30	1.43	0.32	0.85	0.00	0.10	0.38	1.26	0.50	1.00	1.10	7.81
Saltair	0.33	0.27	1.40	0.47	1.82	0.31	0.06		0.98	1.89	1.78	2.41	
Salt Creek	0.33	T.	1.82	T.	1.95		0.98	0.87	1.08	1.78	1.06	3.14	
Salt Lake City	0.49	0.78	2.21	0.91	1.15	0.86	0.45	0.30	0.25	1.87	1.54	3.25	12.36
Santaquin	1.06	0.70	3.16	1.52	2.74	0.60		0.33	0.11	1.81	1.44	3.64	
Scipio	0.31	0.24	1.67	0.40	1.02						0.85	1.67	
Sevier Bridge Dam	0.06	0.14	0.88	0.06	0.88	0.04	0.80	0.43	0.76	1.07	0.90	1.35	7.42
Silver Lake	2.49	1.68	7.64	2.58	1.81</								

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Utah—Continued</i>													
South Fork Ranger Station					2.00	0.20	1.30	0.90	0.80	1.70			
Spanish Fork	1.07	0.39	3.02	0.54	0.84	0.33	1.09	0.35	0.44	1.96	1.48	3.85	16.46
Springdale		0.00	1.40			0.00		T.	0.25	0.00	0.30	1.23	
Sunnyside	0.29	0.10	0.74	T.	1.78	T.	3.22	1.45	1.75	2.24	0.37	1.06	12.99
Thistle	0.77	0.26	2.39	0.63	1.15	0.14	1.02	0.32	0.45	1.59	1.13	3.64	14.94
Thompsons	0.20	0.60	0.75	0.10	1.15	T.	0.20	0.06	1.60	1.30	0.10	1.30	6.76
Tony Grove								0.03	1.02	0.00	0.63		
Tooele	0.75					0.00	0.04	0.73	0.55	1.56	1.24	2.71	
Tremonton	0.47	0.26	1.91	0.08	0.31	0.10	0.75	0.03	0.78	1.14	0.64	3.92	10.39
Trout Creek Ranger Station							1.23	0.61	2.08	2.76			
University of Utah	0.61	0.80	1.99	0.76	1.30	0.43	0.24	0.29	0.41	1.74	1.49	3.52	13.58
Utah Lake (Lehi)	0.40	0.08	0.80	0.13	0.65	0.07	0.91	0.58	0.35	1.06	0.48	1.34	6.85
Vernal	0.50	0.00	0.10	0.65	0.98	0.00	0.50	0.43	1.13	0.61	0.15	0.45	5.50
Watson (near)	0.07	T.	0.63	0.67	0.96	0.18	0.32	1.30	0.71	1.50	0.35	1.15	7.82
Wendover	0.12	0.20	0.33	0.04	0.14	0.00	0.05	0.05	0.52	0.37	0.14	0.35	2.31
Widtsoe	0.35	0.07	0.72	1.14	0.57	0.00	1.34	0.52	1.32	0.90	0.15	1.46	8.54
Winter Quarters	0.53	0.25	1.87	0.25	0.88	0.03	0.67	0.46	1.06	1.40	0.89	2.53	10.94
Woodland	1.53	0.76	3.57	1.15	1.10	0.30	1.07	0.48	1.12	2.57	1.21	3.13	17.99
Woodruff	0.22	0.12	0.40	0.14	1.33	0.06	1.08	0.52	0.36	1.05	0.34	0.56	6.18
<i>Vermont</i>													
Bellows Falls			0.86	4.87	3.49				5.35	1.26	2.52		
Bennington	3.40	1.15	0.96	4.95	4.09	3.27	5.03	4.94	6.52	0.25	2.82	1.75	39.59
Bloomfield	2.94	1.09	1.37	3.35	3.73	2.20	3.71	4.50	10.48	0.75	2.39	0.61	27.22
Burlington	2.89	1.59	0.75	4.73	2.60	2.90	1.99	4.37	4.45	0.65	3.49	3.64	39.54
Cavendish	3.88	2.75	0.64	5.90	4.14	2.29	3.32	4.17	5.75	1.76	3.18	1.83	34.45
Chelsea	3.75	3.04	0.63	4.71	3.17	2.04	1.61	3.09	6.42	0.13	3.49	1.37	29.18
Cornwall	3.53	1.21	0.49	3.45	2.99	2.38	3.58	3.96	4.93	0.25	1.70	0.71	38.88
Enosburg Falls	2.75	1.38	1.05	3.84	3.39	2.59	5.32	5.02	7.05	1.18	3.44	1.87	40.14
Garfield	3.98	2.39	1.08	2.34	4.12	2.65	7.37	3.20	6.91	0.97	3.34	1.79	29.94
Northfield	2.24	2.19	0.40	4.35	2.78	2.51	3.27	2.23	6.27	0.06	2.55	0.96	32.98
Rutland	2.95	1.65	0.63	4.18	3.63	2.43	3.50	4.57	4.88	0.64	2.19	1.42	30.85
St. Johnsbury	2.29	1.91	0.89	3.19	3.45	2.95	2.89	1.33	7.19	2.09	3.45	1.02	30.85
Somerset	5.51	2.43	1.25	5.51	6.55	2.58	3.88	4.24	4.77	2.09	4.29	3.01	46.11
Vernon	3.19	1.97	0.74	5.00	3.40	0.99	1.59	3.85	4.73	1.09	2.86	2.23	31.69
White River Junction	3.39	2.04	0.62	4.64	3.03	1.87	2.22	4.73	6.37	0.83	2.54	1.36	33.94
Woodstock	4.08	2.45	0.76	5.31	4.19	2.82	3.02	3.95	7.95	0.06	2.98	1.34	38.91
<i>Virginia</i>													
Ashland					6.74	5.23	2.12	3.98	3.08	1.02	1.87	2.79	49.05
Blacksburg	4.23	2.28	4.32	3.71	6.04	2.56	5.98	6.49	5.75	1.66	2.21	3.82	49.24
Buchanan	4.81	2.05	3.74	2.88	6.95	3.69	3.48	6.76	7.57	0.84	2.16	4.31	48.06
Burkes Garden	3.14	2.13	4.51	4.18	4.35	3.00	3.04	4.97	8.17	0.65	3.49	3.64	58.14
Callsville	4.11	3.36	4.08	6.67	11.49	5.23	2.75	5.23	9.26	1.78	1.09	2.60	51.94
Cape Henry	3.38	3.64	3.58	3.95	6.89	3.34	5.78	6.97	7.28	1.02	2.31	3.94	48.16
Catawba Sanatorium	4.14	1.76	2.97	3.86	8.89	3.84	5.78	4.87	6.43	2.55	2.47	3.22	54.70
Charlottesville (near)	5.20	2.88	2.84	3.88	10.82	6.83	2.71	4.87	6.43	2.55	2.47	3.22	41.27
Chatham	3.48	3.00	3.10	4.00	6.41	3.09	3.97	1.85	6.10	1.20	1.79	3.78	50.81
Clarksburg	3.38	1.32	3.92	3.31	10.38	5.67	5.42	1.82	9.44	1.70	1.61	2.84	47.94
Columbia	3.60	2.80	4.17	3.31	7.14	5.35	4.48	4.48	6.50	1.10	1.65	3.36	47.94
Culpeper	3.97	2.78	3.07	4.51	10.05	5.43	2.51	5.59	7.42	1.16	1.45	2.62	50.76
Dahlgren	3.05	2.41	6.70	5.44	6.67	4.48	1.60	4.12	5.52	1.28	2.07		42.00
Dale Enterprise	3.83	2.42	2.63	2.48	8.68	5.00	2.71	4.02	5.01	1.47	2.47	1.28	51.49
Dante	4.42	2.76	3.20	3.60	6.10	5.56	5.74	3.50	7.47	1.02	1.95	5.86	43.54
Danville	3.75	2.98	3.38	6.36	5.56	3.81	3.17	2.57	6.86	1.13	1.43	3.80	63.91
Diamond Springs	2.22	3.93	3.22	4.35	10.35	6.35	6.25	7.25	9.71	0.35	2.70	6.23	57.07
Franklin	3.68	3.99	5.20	3.79	6.77	3.93	2.45	4.73	7.51	2.57	2.05	1.72	47.48
Fredericksburg (near)	3.39	2.65	4.70	4.95	6.77	6.49	5.41	6.50	7.47	1.11	1.59	2.94	45.61
Gaines Mills	3.92	2.75	3.59	3.90	8.33	4.22	2.92	3.12	7.07	1.43	2.13	2.53	48.60
Hawfield	4.21	3.67	4.96	4.71	9.09	6.45	2.16	4.55	3.57	1.24	1.90	2.29	46.90
Hopewell	2.78	2.45	3.12	3.59	9.50	6.54	3.43	2.10	7.81	1.03	1.35	2.38	44.89
Hot Springs	4.60	1.38	2.77	1.81	7.25	3.68	5.82	6.90	6.12	0.05	2.60	2.41	43.24
Ivanhoe	5.67	2.69	3.09	3.04	4.53	3.07	4.47	5.48	5.11	0.98	2.62	2.49	44.89
Langley Field	2.42	2.94	3.63	2.56	8.88	6.11	2.70	6.15	5.25	0.04	1.86	2.80	44.89
Leeds Manor		2.69	4.25	2.99	9.02	3.15	3.85	2.80	9.05	0.35	1.80		44.10
Lexington	4.30	3.00	4.68	2.92	6.66	1.54	3.62	6.57	6.63	0.73	2.24	2.01	40.60
Lincoln	4.80	2.98	4.69	3.13	6.95	3.63	2.70	3.31	3.86	0.80			46.89
Lynchburg	3.37	1.87	2.77	3.35	5.16	3.58	3.74	4.90	4.69	2.48	1.45	8.24	40.60
Macon	3.09	1.78	3.54	4.32	7.66	6.94	1.08	5.32	7.79	0.83	1.57	2.47	46.89
Manassas	3.63	2.81	4.96	4.26	7.98	2.17	0.96	5.11					46.47
Marion	3.57	2.48	3.55	3.71	4.42	3.66	4.21	7.34	6.33	0.94	2.41	3.57	47.70
Maybust	4.12	2.95	2.82	4.10	8.69	6.45	2.77	3.98	7.22	0.78	2.12	1.75	50.74
Mendota	6.78	3.45	4.31	3.73	5.02	6.33	4.76	3.02	5.47	0.77	2.43	4.67	46.43
Mineral (near)	8.60	2.34	3.18	4.63	7.42	5.53	2.62	4.31	6.32	1.92	2.02	2.54	45.36
Mount Weather	4.70	2.68	5.88	1.29	8.40	1.99	2.88	1.94	9.96	1.03	1.29	1.37	35.06
Narrows	3.33	1.70	3.44	2.26	3.96	3.22	3.56	4.19	5.34	0.48	1.20	2.36	48.80
New Canton	3.78	3.01	3.62	3.65	9.12	5.26	2.22	5.10	7.15	1.40	1.82	2.67	45.36
Newport News	3.00	3.79	4.95	3.76	11.79	7.96	6.06	9.21	7.47	0.20			45.36
Norfolk	1.96	3.15	3.16	2.89	7.47	6.46	4.45	4.27	6.99	0.11	2.00	2.85	44.62
Onley	3.37	2.38	6.15	5.05	6.84	5.57	2.03	1.74	4.39	1.78	2.66	2.04	37.63
Quantico	3.00	2.86	6.81	2.26	2.64								45.29
Radford	5.06	2.43	3.62	2.35	4.34	3.75	3.20	3.21	3.03	0.98	2.19	2.65	47.89
Randolph	4.46	2.98	3.58	3.26	7.36	4.51	3.43	2.18	5.40	2.08	1.75	3.05	48.32
Richmond	2.98	2.94	4.00	4.11	4.86	4.85	2.33	3.05	9.58	0.78	1.61	3.40	53.99
Rosoto	5.08	2.45	3.12	3.77	4.94	3.13	4.26	2.46	7.83	1.20	2.03	3.05	48.32
Rocky Mount	5.17	2.60	3.46	4.66	4.79	6.31	4.18	3.77	10.41	1.45	2.38	4.79	57.37
Shaysville (near)	3.73	4.27	5.19	5.98	9.99	8.72	4.93	2.06	6.65	0.73	1.81	3.31	45.15
Salisbury	3.87	3.22	3.91	3.61	4.61	6.27	4.00	4.02	6.82	0.47	2.60	4.76	36.99
Spots Ferry	5.50	2.15	1.80	3.									

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Virgin Islands</i>													
St. Croix:													
Annally	2.79	5.33	0.59	3.04	3.72	3.06	5.83	17.44	3.98	10.26	4.60	5.09	65.73
Bonne Esperance	2.16	3.25	0.68	1.87	2.64	3.43	5.06	14.02	3.81	5.76	4.86	4.41	51.97
Christiansted	0.96	2.90	0.36	1.71	1.88	2.55	4.98	18.72	4.11	4.23	3.06	4.62	50.08
Experiment Station	1.99	3.52	0.42	1.19	2.27	2.16	4.43	10.79	5.72	5.62	3.87	4.84	55.82
Frederiksted	2.12	5.91	0.83	2.53	2.77	2.66	5.16	12.91	4.31	4.10	7.80	5.12	55.72
King's Hill	2.36	3.90	1.25	1.93	3.73	2.00	4.20	12.24	3.13	3.90	2.97	4.58	45.14
St. John:													
American Hill	3.12	5.15	0.91	4.61	3.00	3.83	5.27	17.22	4.35	5.16	8.84	5.72	67.18
Crus Bay	2.83	4.72	0.80	1.48	2.41	2.59	4.17	6.44	7.28	2.66	8.15	4.82	45.84
St. Thomas:													
Anna's Retreat	2.46	4.73	0.87	2.51	1.53	2.41	3.95	10.30	4.76	3.85	7.93	4.20	49.60
Canaan	2.73	3.68	1.19	2.47	2.23					6.67	13.43	5.16	
Charlotte Amalie	2.79	4.31	0.85	1.91	1.29	2.01	4.20	8.81	3.39	4.19	9.25	5.27	49.27
Mosquito Bay										4.56	12.89	3.29	
<i>Washington</i>													
Aberdeen	9.37	12.96	3.29	3.40	0.74	1.53	0.59	2.09	6.09	13.44	11.10	14.59	79.19
Anacortes	1.81	3.84	0.56	1.69	T.	0.82	0.78	0.74	0.98	1.86	3.77	6.56	23.41
Anatone	2.83	2.48	0.77	1.04	T.	1.08	0.61	0.87	0.52	1.65	4.05	2.04	17.94
Arlington	6.42	6.44	2.92	4.19	0.82	2.54	1.53	1.75	3.40	7.96	6.04	8.12	52.13
Attalia	0.07	0.27	0.22	T.	0.00	0.12	0.59		T.	1.57			
Bellingham	3.05	6.93	0.73	1.34	0.08	1.47	1.20	1.20	1.54	4.17	5.23	7.61	34.55
Blaine	3.89	5.88	0.88	1.07	0.05	0.72	0.75						
Bremerton	0.14	6.25	0.27	0.87	0.32	0.10	0.38	0.71	3.02	6.64	5.86	4.51	35.07
Brewster	1.01	0.76	0.01	0.00	0.05	0.67	0.17	0.61	0.76	1.00	2.00	0.80	7.94
Buckley	4.03	6.32	2.05	2.71	0.70	1.11	1.39	1.55	2.55	5.25	6.02	7.53	41.82
Bumping Lake	6.95	7.74	0.94	0.88	0.52	1.64	0.41	0.14	2.51	4.50	6.98	4.40	59.82
Camp Lewis													
Carbonado	4.57	6.76	1.90	2.50	0.82	1.55	2.18	1.05	2.47	4.51			
Castle Rock	6.53	8.54	1.39	1.30	0.80	0.70	0.46	1.78	3.46	7.55	10.04	7.64	46.97
Cedar Lake	14.40	16.31	5.13	6.06	1.75	3.03	2.18	2.06	6.62	13.87	11.32	14.59	97.32
Centralia													
Clearbrook	4.96	8.07	1.07	2.50	0.61	1.71	1.55	1.27	2.82	6.96	5.33	9.72	46.47
Cle Elum	4.08	3.04	1.01	0.58	0.20	0.77	0.88	0.23	1.03	1.11	4.45	1.85	18.73
Colfax	0.66	1.73	0.55	0.61	0.00	0.59	0.27						
Colville	1.34	1.37	0.38	0.13	0.22	0.42	0.32	1.83	0.73	1.91	3.96	1.90	14.20
Conocumny	0.67	0.57	T.	0.02	0.10	0.35	0.34	0.87	0.55	1.92	2.45	0.94	8.78
Coupeville	2.06	2.42	0.95	1.91	0.09	0.74	0.64	0.42	0.57	1.82	2.72	2.84	16.98
Cowiche	0.73	0.62	0.04	0.00	0.00	0.08	0.03	0.68	0.35	0.71	2.66	0.45	6.06
Davenport	2.10	1.72	0.16	T.	0.25	0.98	0.16	1.32	0.64	1.37	2.40	1.52	12.60
Davis Ranch	11.64	16.34	1.96	4.45	0.73	0.88	0.43	0.79	5.92	12.24	9.61	15.78	80.77
Days	1.78	2.38	0.91	0.36	0.14	1.90	0.83	0.35	0.65	1.36	3.88	1.95	18.43
Deer Park	2.43	2.85	0.50	0.15	0.12	0.51	0.29	0.97	2.54	4.61	2.70	1.97	19.47
Dirtyface Mountain	5.62	6.98	0.39	0.62	0.03	0.33	0.09	0.24	0.85	3.38	6.54	5.60	31.20
Dryden	3.08	2.55	0.05	0.03	0.00	0.12	0.00						
Ellensburg	1.06	1.01	0.05	T.	T.	0.11	0.17	0.29	0.38	0.15	2.26	0.72	6.17
Ephrata	0.73	1.05	0.03	0.01	0.03	0.62	0.16	0.14	0.56	0.60	1.03	0.82	6.48
Everett	3.71	4.77	2.36	2.24	0.28	2.11	1.09	0.82	2.56	4.72	4.11	5.05	33.83
Evergreen Farm	3.74	7.00	0.79	1.00	0.32	0.48	0.38	0.92	2.98	5.11	7.26	5.48	35.46
Forks	18.47	23.98	4.09	6.44	1.36	2.31	0.96	1.69	7.55	23.78	13.31	13.26	122.50
Fort Simcoe				0.00	0.00	0.19	0.02	0.55	0.43	1.11	3.06	0.77	
Glacier			0.40		0.40	1.50					2.68	7.45	
Goldendale	1.55	2.27	0.54	0.95	0.26	0.25	0.00	0.09	0.87	1.74	4.27	1.75	13.39
Grapeview	7.62	11.07	0.78	1.20	0.23	0.15	0.54	1.36	3.07	8.19	5.77	6.77	50.25
Gules					0.22	0.30	0.15	1.52	4.07	6.17	2.30		
Hanford	1.62	0.78	0.10	0.01	T.	0.14	0.37	0.17	0.82	0.77	1.96	1.16	6.71
Harrington	1.86	1.55	T.	0.02	0.06	0.25	0.12	0.56	0.65	1.19	1.90	2.17	10.24
Hatton	1.20	1.59	0.11	0.06	0.08	0.40	0.11	0.45	0.35	0.67	1.69	1.82	8.48
Headworks	5.14	5.70	1.90	2.10	0.42	0.82	0.32	0.49	2.49	7.33	7.97	4.92	39.80
Irene Mountain	0.32	0.82	0.34	0.03	0.37	1.98	0.88	2.15	0.89	1.46	1.92	1.37	12.53
Kahlotus	1.21	1.45	0.26	0.36	0.04	0.42	0.15	0.46	0.40	1.03	1.77		
Kalama (near)	6.96	8.68	0.63	0.27	0.23	1.19	0.42	1.91	8.07	11.95	9.07	9.29	60.26
Kennewick	0.84	0.81	0.51	0.05	T.	0.20	0.24	0.68	0.36	0.28	1.92	1.19	7.19
Kent													
Kettle Falls	2.21	2.10	0.84	0.08	0.16	0.65	0.36	1.09	1.12	1.81	4.01	1.08	15.46
Keyport		3.22		0.55		0.43			0.32	4.58			
Kiona	0.94	1.06	0.40	0.00	T.	0.18	0.41	0.35	0.79	0.49	2.32	1.05	7.91
La Crosse	1.10	1.63	0.58	0.10	0.08	0.30	0.29	0.20	0.58	1.38	2.75	2.17	11.32
Lake Cleatum	3.21	5.72	1.39	1.88	0.24	0.79	0.51	0.25	0.85	2.28	6.51	5.73	30.73
Lake Kachem	6.80	7.05	1.72	2.23	0.72	1.16	0.63	0.30	1.90	3.23	8.07	7.94	41.89
Lake Koochelus	8.68	9.87	2.37	3.89	0.62	1.29	0.71	0.51	2.82	6.95	10.49	8.12	55.82
Lakeside	1.26	0.76	0.02	T.	T.	0.19	0.08	0.00	0.78	0.95	1.76	1.11	6.87
Landsburg	6.47	8.30	2.76	2.94	1.28	1.31	1.48	1.85	3.24	8.03	5.98	8.45	51.73
Laurier	1.89	2.47	0.45	0.14	0.31	2.36	0.31	2.30	0.60	1.87	2.73	2.11	17.54
Leavenworth	2.28	3.47	0.06	0.10	T.	0.21	T.	0.57	0.76	2.12	4.73	2.25	17.55
Lind	0.77	1.05	0.11	0.10	0.19	0.08	0.10	0.22	0.44	0.40	1.44	1.41	6.32
Longmire Springs	11.69	11.16	4.30	3.12	0.95	3.02	0.96	1.03	3.13	10.78	11.49	13.22	74.85
Lost Creek	0.94	0.52	0.18	T.	0.47	1.01	0.89	2.61	0.85	1.61	3.05	0.37	12.43
Lowden (near)	0.95	1.21	0.24	T.	T.	0.50	0.44	0.99	0.29	0.40	2.02	1.35	8.25
Manafield	1.25	0.81	0.67	0.02	0.03	1.04	0.15	0.49	0.74	0.98	2.09	1.05	8.73
Marietta	2.80	6.24	0.78	1.02	0.37	1.49	0.75	1.16	1.56	4.49	4.70		
Marshill	1.19	1.31	0.25	0.00	0.00	0.00	0.00	0.00	0.70	0.49			
Mill Creek	3.18	4.70	2.47	0.94	0.26	2.16	0.82	0.89	2.53	3.45	7.05	5.14	35.63
Mottinger	0.14	1.08	0.53	0.00	0.00	0.06	0.06	0.58	1.60	0.40	0.78	1.22	8.89
Moxee	0.59	0.32	0.02	0.04	T.	0.11	0.17	1.45	0.44	1.07	2.17	0.41	7.30
Naspelem	1.55	1.31	0.16	0.06	0.06	0.82	0.24	0.82	1.78	1.77	2.49	1.80	13.27
North Head	5.11	8.20	2.43	1.45	0.49	1.23	0.30	1.45	3.28	7.62	5.87	10.37	47.44
Oakville	6.53	8.02	1.09	1.73	0.20	0.75	0.33	3.88	2.39	7.45	5.18	7.67	46.78
Odessa	1.25	1.45	0.16	0.03	0.04	0.37	0.14	0.24	0.48	0.90	1.87	1.39	8.

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Washington—Continued</i>													
Pomeroy		1.85	0.34	0.31	T.	0.50	0.40	0.32	0.16	0.86	2.90	1.01	
Port Angeles	2.54	4.25	0.83	0.93	0.17	0.35	0.61	0.06	2.67	3.31	4.69	2.74	23.15
Port Townsend	1.55	1.46	0.03	1.52	T.	0.51	0.61	0.46	0.46	2.02	2.97	1.74	14.23
Prosser	0.64	0.88	0.43	0.02	0.01	0.11	0.14	1.25	0.62	0.67	0.93		
Prosser (near)													
Pullman	1.85	1.82	0.67	0.24	0.00	0.57	0.55	1.02	0.78	1.01	3.03	2.76	14.30
Puyallup	3.91	4.76	1.25	1.24	0.38	0.33	1.35	1.19	2.91	6.28	5.87	6.64	35.81
Quilicene	6.54	6.05	0.74	2.04	0.34	1.39	1.16	0.19	1.92	10.59	8.79	3.28	43.03
Quinalt	11.16	11.10		5.13	2.51	2.66	1.30	2.54	7.02	22.34	15.77	22.76	
Quincy													0.44
Republic	1.27	1.57	0.57	0.20	0.30	1.44	0.78	1.07	0.70	1.08	3.23	1.66	14.87
Rimrock	2.59	2.89	1.21	0.24	0.00	0.73	0.09	0.24	0.45	1.01	5.92	1.86	16.73
Ritzville	1.34	1.57	0.12	0.03	0.15	0.41	0.09	0.86	0.33	0.67	1.61	2.00	9.18
Rock Island	0.72	1.06	0.00	0.04	0.02	0.06	0.00	1.23	0.32	0.52	1.89	0.27	6.43
Rosalia	1.02	2.18	0.99	0.19	0.09	0.44	0.60	0.55	0.77	1.76	2.61	2.65	14.85
Seattle	4.10	5.66	0.42	1.13	0.68	0.35	0.51	0.70	2.66	5.98	4.84	4.68	30.73
Sedro Woolley	4.06	5.62	2.69	4.54	0.21	2.45	1.94	1.11	2.04	4.78	6.72	11.47	47.63
Sequim	1.82	2.17	0.96	1.16	0.06	0.11	0.43	0.41	0.77	1.64	4.36	2.16	16.04
Silverton	13.73	21.76	0.42	3.92	1.47	4.74	2.25	2.09	7.85	21.31	10.55	14.41	104.50
Sixprong	0.58	0.96	0.21	0.00	0.00	0.06	0.02	0.09	0.63	1.18	2.11	0.93	6.77
Snoqualmie Falls	6.76	8.42	2.26	4.65	0.89	1.84	1.82	1.51	3.86	8.36	6.72	7.73	54.72
Snoqualmie Pass	10.86	4.76	3.55	2.33	0.84	2.33	1.30	2.17	3.97	12.83	9.18	17.00	71.12
Snyders Ranch	1.55	1.32	0.14	0.26	0.19	1.09	0.06	0.93	0.96	1.26	3.18	1.76	12.70
South Bend	9.03	12.74	3.45	2.68	1.07	1.29	0.83	2.05	6.62	13.36	11.20	11.54	75.86
Spokane	1.26	1.57	0.32	0.11	0.11	0.55	0.69	0.93	0.90	1.10	2.74	1.07	12.25
Starbuck	9.05	2.65	2.65	4.79	1.30	2.59	1.32	1.42	2.85	8.70	6.74	9.42	
State University	4.99	5.40	0.01	1.22	0.72	0.74	0.60	0.50	2.88	5.97	5.14	4.14	33.31
Stobekin	4.81	5.67	0.22	0.71	0.12	0.51	0.05	0.19	0.81	5.74	7.13	4.38	28.94
Stokes Ranch	1.61	1.74	0.10	0.17	0.03	0.87	0.08	0.81	0.24	1.26	2.59	1.47	10.77
Sultan	8.30	10.13	2.44	4.02	0.82	2.62	1.42	1.29	4.35	7.49	7.71	9.75	60.34
Sunnyside	0.61	0.77	0.16	0.06	0.00	0.10	0.11	0.38	0.24	0.53	2.01	0.77	5.74
Tacoma	3.27	5.39	0.77	0.66	0.20	0.51	0.67	1.07	2.46	4.88	5.22	6.01	31.11
Tatoosh Island	10.83	13.21	3.12	4.91	0.54	1.58	0.85	2.09	6.47	12.05	8.43	14.97	79.06
Tieton Canyon	2.51	1.30	0.67	0.00	0.00	0.93	0.02	0.03	0.09	0.19	2.19	0.70	8.63
Timentwa	1.57	1.28	0.05	0.03	0.06	1.10	0.37	0.19	0.86	1.61	1.99	1.18	10.29
Touchet Ridge	3.38	4.67	1.85	0.70	0.32	1.99	1.42	1.21	2.08	3.05	8.19	4.12	32.99
Trinidad	0.92	0.88	0.00	0.00	0.07	0.14	0.04	0.60	0.57	0.55	1.51	0.60	5.88
Vancouver	3.95	5.00	1.80	0.78	0.38	0.59	0.09	0.82	2.14	5.06	5.84	4.40	30.66
Vashon Island	6.34	7.36	0.74	1.10	0.26	0.09	0.27	1.02	2.81	6.66	0.11	6.31	39.07
Wahluke	0.53	1.07	0.00	0.00	T.	0.10	0.04	0.30	0.79	0.50			0.89
Wallace	1.68	1.45	0.17	0.01	0.01	1.34	0.78	0.99	0.94	1.88	2.21	1.68	13.74
Walla Walla	1.16	1.96	0.62	0.13	T.	0.67	0.90	1.25	0.89	1.35	2.25	1.88	13.06
Wapato		0.30	0.09	0.00	T.	0.12	0.14	0.22	0.39	0.65	1.63	0.50	
Waterville	1.32	1.04	0.07	0.07	0.02	0.20	T.	0.55	0.93	0.86	2.23	0.69	8.28
Wallpinit	1.80	0.37	0.23	T.	0.01	0.66	0.70	1.00	0.94	2.01	2.92	1.20	11.84
Wenatchee	0.59	1.09	T.	T.	T.	0.08	0.00	0.94	0.55	0.47	3.25	0.79	7.76
Wenatchee (near)	1.58	1.17	0.21	T.	0.10	0.16	0.06	0.84	0.63	0.54	2.92	1.02	9.23
Wheeler	0.87	1.19	0.10	0.03	0.01	0.30	0.09	0.02	0.67	0.58	1.69	1.05	6.60
White Salmon	3.32	2.81	1.00	0.29	0.08	0.84	T.	0.49	0.98	2.94	8.60	3.73	25.17
Wilbur	1.31			T.	0.12	0.48	0.00	0.15	0.89	1.43	2.99	1.02	
Wind River	11.56	12.07	2.84	1.63	0.81	1.35	0.08	0.88	5.52	10.49	18.32	9.85	75.38
Winthrop	1.29	1.48	0.07	0.11	0.03	0.56	0.10	0.55	0.46	1.15	2.48	1.34	9.82
Yakima	0.59	0.57	0.02	0.04	0.04	0.04	0.18	0.59	0.50	1.08	2.08	0.42	6.10
<i>West Virginia</i>													
Aberdeen							5.74	7.54	5.10	0.22	2.10	2.12	
Arborea													2.54
Banoroff	4.83	2.85	3.51	1.96	0.98	7.36	4.16	4.85	8.00	0.51	2.01	3.56	49.69
Bayard	4.72	4.09	7.80	3.97	3.92	3.08	6.36	3.59	6.00	0.78	3.11	3.22	38.70
Beckley	2.90	1.60	2.26	2.26	3.53	3.29	4.89	5.88	0.33	0.79			
Bens Run	5.26	3.48	3.45	3.74	0.98	4.35	5.65	4.61	7.12	0.17	2.09	1.94	49.05
Bluefield	4.08	3.77	4.45	2.94	5.48	2.90	4.27	4.43	6.25	0.10	1.73	2.47	42.87
Brandywine	2.92	3.59	3.20	3.25	3.91	5.33	3.36	3.47	6.71	0.43	2.10	2.96	41.73
Brownsville	2.90	1.30	3.06	2.35	5.75	5.60	3.65	3.25	4.30	0.75	1.95	1.40	36.15
Brownsville	5.06	3.56	4.24	2.82	7.54	4.81	4.07	6.29	5.22	0.37	2.26	2.28	49.62
Bruceton Mills	5.96	4.78	4.42	4.66	5.70	6.43	5.57	2.43	6.08	0.34	1.67	3.18	51.22
Buckhannon	4.38	4.09	4.75	4.25	8.09	3.69	4.79	6.75	6.03	0.58	2.38	2.91	52.49
Burlington	3.05	0.90	5.78	2.92	12.30	3.60	2.10	3.70	2.80	0.80	1.00	2.08	40.43
Cairo								2.49	2.39	4.12	0.20	2.80	45.22
Camden-on-Gauley	4.80	2.60	3.60	3.90	8.12	4.87	5.81	2.89	6.01	0.98	2.75	3.07	45.76
Charleston	3.68	3.34	3.52	1.79	6.26	5.34	4.84	5.70	7.82	0.36	2.94	3.48	38.57
Chest Bridge	7.14	3.74	6.01	3.42	6.28	5.85	3.01	7.62	6.53	0.19	1.63	2.04	47.78
Chesapeake	5.03	3.52	3.81	3.46	6.45	4.74	4.21	6.17	6.53	0.31	2.60	3.54	53.38
Clay	3.51	3.20	3.95	3.21	8.11	6.32	4.83	8.60	5.27	0.31	2.60	3.54	53.38
Cordland	4.18	1.49	6.10	4.81	3.64	6.16	6.16	4.11		0.72	1.50	2.32	
Crawford	4.44	3.28	6.01	6.27	9.33	6.09	5.93	4.73	7.33	0.23	2.33	2.54	59.21
Creston	4.97	3.72	3.50	2.35	7.02	5.85	5.10	4.42	6.52	0.20	1.82	2.66	48.23
Dam No. 6, Great Kanawha River				1.79	0.26	5.34	4.84	5.70	6.01	0.36	2.02	2.91	
Dam No. 10, Monongahela River	5.31	3.51	4.55	3.45	6.43	2.35	4.40	5.15	5.91	0.21	1.05	2.18	45.00
Dam No. 15, Monongahela River	5.70	3.29	4.03	3.12	7.02	2.75	4.48	6.90	5.70	0.24	1.48	1.96	45.72
Dam No. 18, Ohio River	5.50	2.78	4.45	3.06	5.85	4.13	2.62	6.89	5.60	0.11	1.78	2.40	45.03
Dam No. 18, Ohio River	4.94	2.62	4.15	3.24	5.57	4.39	2.96	4.76	5.97	0.14	1.37	2.53	42.69
Dam No. 18, Ohio River	5.59	2.96	3.08	2.89	5.89	3.43	3.78	1.95	7.31	0.13	1.92	2.90	42.45
Dam No. 20, Ohio River	5.90	3.21	3.78	2.70	5.57	6.69	4.25	2.77	7.25	0.24	1.44	2.94	45.75
Dam No. 23, Ohio River	5.45	3.22	2.92	2.15	4.38	4.50	2.05	4.70	5.00	0.10	1.68	2.82	41.01
Davis	5.50	5.23	6.39	4.05	9.09	5.92	6.86	3.68	5.87	0.60	2.23	4.28	60.30
Elkins	5.23	3.75	3.65	2.66	6.14	4.37	4.13						

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>West Virginia—Continued</i>													
Huntington	5.10	3.06	2.76	2.10	5.02	5.04	4.54	5.04	6.50	0.90	1.80	3.96	47.11
Inwood			4.32		8.34	3.87	3.12	1.98	4.40	0.74			
Janele	5.01	3.30	4.01	3.61	7.02	2.72	7.23	7.48	5.31	0.44	1.06	2.15	61.24
Kanawha Falls	3.47	2.38	1.96	2.14	9.02	6.78	3.90	8.33	6.18	0.27	2.40	3.03	49.86
Keyford	4.25	3.37	3.57	2.83	9.96	4.02	6.49	7.00	6.88	0.50	3.01	3.26	55.14
Lewisburg	4.05	3.09	2.68	2.85	5.05	2.54	3.09	6.03	4.49	1.05	2.51	2.96	40.29
Logan	4.35	2.67	5.95	1.87	8.06	4.84	4.95	5.80	7.29	0.43	2.05	4.39	62.55
Lost Creek	5.61	3.29	3.13	3.66	6.85	3.91	4.97	6.27	6.02	0.24	1.89	2.35	48.19
Mannington	5.64	3.34	4.50	3.14	6.66	2.44	4.55	6.98	6.16	0.22	1.36	2.49	47.57
Marlinton	5.25	3.41	3.65	3.53	6.49	4.54	5.06	5.85	7.68	0.10	3.11	3.75	52.43
Martinsburg	4.04	2.81	5.91	2.33	8.00	3.64	3.02	0.69	4.68	0.76	1.83	1.49	40.30
Moorefield			4.28	2.16	8.09	2.95	2.52	1.70	4.13	1.05	1.71	0.90	
Morgantown			2.60	2.97	5.35	2.39	5.07	3.96	5.29	0.97	0.84	1.19	
Moundsville				2.84	4.75	3.66	2.12	5.62	6.19	1.63	1.79		
New Cumberland	4.50	2.58	3.63	3.89	4.77	6.89	2.79	2.98	7.19	0.15	1.67	2.45	43.44
New Martinsville	5.10	3.35	3.95	3.70	6.50	2.53	5.30	3.75	6.50	0.15	1.43	2.60	45.01
Organ Cave				2.89	5.73	2.78	2.49	6.21	4.42	1.25			
Parkersburg	4.70	3.07	3.37	3.24	4.05	3.25	3.75	1.44	5.28	0.25	1.87	2.49	36.56
Parsons		4.88	5.61	3.40	10.36	4.63	5.40	2.15	4.15	0.24	2.54	2.94	
Phillippi	5.36	3.63	4.69	4.07	8.48	4.56	6.17	4.54	5.74	0.44	2.19	2.05	61.92
Pleikens	5.40	8.18	6.74	5.53	10.27	6.25	7.63	3.21	8.68	0.62	4.11	5.69	72.31
Piedmont	1.13	2.18	4.46	3.40	7.73	4.97	3.52	2.31	4.39	0.09	1.36	0.69	36.23
Point Pleasant	5.31	3.42	3.28	2.49	6.27	5.97	2.80	3.52	4.73	0.30	1.95	3.01	42.05
Powellton	3.04	2.22	1.97	1.97	8.53					0.20			
Ravenswood	5.15	2.35	2.89	1.87	6.20	5.07	2.74	5.31	6.30	0.25	2.05	2.42	42.60
Roanoke	4.95	3.58	3.51	4.44	8.46	4.99	5.82	5.69	6.97	0.94	1.81	1.91	51.18
Robertsburg	4.70	3.47	2.71	1.62	5.68	7.02	3.34	4.19	6.34	0.39	2.06	3.15	44.72
Romney	2.57	2.23	5.37	2.71	9.51	3.56	3.80			0.76	1.50		
Rowlesburg	5.92	5.94	6.70	4.14	8.63	5.49	7.06	3.09	5.55	0.57	2.25	2.78	58.12
Ryan	4.79	3.52	4.53	3.11	7.26	7.58	4.57	4.40	6.81	0.45	2.41	3.00	62.43
Saint Marys	5.43	3.37	4.41	3.01	7.21	3.89	4.92	3.95	6.77	0.12	1.95	3.02	48.05
Sharples	4.65	2.92	3.95	3.06	7.70	6.80	5.12	8.15	8.90	0.28	2.12	4.39	57.94
Smithfield	6.02	3.71	5.71	3.38	6.83	2.90	6.13	5.87	6.29	0.30	1.42	2.75	60.81
Spencer	4.14	3.42	3.52	2.42	6.06	5.70	4.05	5.13	7.66	0.36	2.14	2.38	46.88
Stony River Dam	3.69	1.27	5.21	3.04	10.54	5.79	5.25	3.34	5.35	0.22	2.30	2.03	46.03
Summersville							4.92						
Sutton	3.95	3.60	4.81	2.97	10.88	7.63	7.24	4.00	7.54	0.00	2.69	2.60	57.92
Terra Alta	6.67	2.52	4.76	4.32	7.92	4.89	6.73	2.67	6.95	0.50	2.71	2.75	52.69
Union	4.31	1.45	5.43	3.17	5.75	4.00	2.86	0.53	4.17	0.59	2.93	2.27	45.05
Upper Tract	2.10	0.94	3.30	7.72	5.60	1.95	2.30	1.60	1.45	0.56			28.29
Valley Chapel	5.13	3.32	3.81	3.68	6.83	3.99	5.69	5.89	6.57	0.27	2.09	2.28	49.52
Vandalia							7.42	5.42	7.12	0.42	2.13	2.68	
Wardensville					8.88	1.91	2.60	5.05	5.83	1.04	1.70	0.95	
Wellsburg	5.82	2.32	4.41	3.96	5.65	3.33	4.46	2.78	5.81	0.23	2.37	3.22	44.38
Weston	5.25	4.04	3.15	4.06	7.38	4.28	4.15	6.06	5.80	0.40	2.43	1.82	48.87
Wheeling	5.26	2.92	4.18	2.75	6.22	4.04	3.54	5.66	5.54	0.09	1.90	2.35	44.45
White Sulphur Springs	0.62	1.86	2.62	2.69	5.94	4.00	3.45	7.37	4.93	1.25	1.24	3.63	39.60
Williamson	4.56	3.27	3.40	2.09	5.76	5.11	3.87	3.95	8.97	0.61	2.51	3.74	47.84
<i>Wisconsin</i>													
Amery	0.60	0.73	0.95	3.80	1.99	3.12	3.37	5.54	4.41	1.38	0.77	0.95	27.61
Antigo	0.83	0.72	1.80	4.16	4.71	3.05	2.70	4.73	2.89	0.28	1.17	0.60	27.64
Ashland	0.60	0.72	0.89	5.54	4.38	1.94	3.66	6.68	3.35	1.11	1.03	1.36	31.26
Beloit	2.09	0.95	2.05	3.59	1.87	6.90	3.57	6.69	2.10	0.22	1.28	2.24	32.56
Big St. Germain Dam	0.95	0.48	1.55	4.55	3.35	3.85	3.05	5.90	2.85	0.63	1.00	1.25	29.41
Breakwater	0.82	0.72	1.23	4.12	4.38	3.26	3.22	6.14	1.74	0.34		0.04	
Brillion									1.44	T	2.39	1.22	
Brodhead	0.78	1.60	2.25	3.08	1.96	7.32	3.11	5.89	2.51	0.35	1.98	1.24	31.92
Brule Island	1.15	1.65	3.19	2.27	2.37	3.71	5.05	2.11	0.59	1.05	0.88		24.97
Burnett	0.83	0.75	1.10	2.13	3.45	4.84	3.90	8.37	1.94	0.10	2.04	0.90	30.31
Cecil	0.86	1.24	1.25	4.83		1.81	2.61	7.49					
Chippewa Reservoir			0.86		2.90	2.00	2.20	6.45	3.25	1.85	1.26		
Coddington	0.27		2.58	6.49	4.39	3.69	2.04	9.49	4.68	0.19	2.12	0.54	
Cornucopia	0.77	0.72	0.45	4.17	3.61	3.65	6.07	5.59	3.14	2.38	2.29	1.38	34.20
Danbury		0.41	0.60	4.06	2.04	3.09	3.21	4.75	5.61	2.04	1.26	0.73	
Darlington	0.46	0.71	2.15	2.27	1.98	8.13	4.38	7.40	3.80	0.33	1.33	1.40	24.64
Deerakin Dam	0.79	0.53	0.66	4.24	2.96	4.27	4.23	7.70	5.00	0.99	1.26	1.06	33.69
Downing	0.52	1.60	1.44	1.75	0.92	7.95	4.28	6.60	2.70	0.60	T	1.19	29.55
Eau Claire	1.01	1.22	2.08	4.36	2.67	2.49	3.66	7.40	4.85	1.38	1.38	1.14	33.62
Florence	1.03	0.86	1.69		3.36	2.73	4.11	6.01	2.28	0.66	1.56	1.03	
Fond du Lac	0.94	1.34	3.07	3.38	3.77	3.71	3.61	12.91	1.71	0.11	3.03	1.10	38.68
Grand River Locks	0.55	1.07	3.80	3.92	2.67	5.60	8.23	7.45	3.68	0.30	2.30	0.49	35.05
Grantsburg	0.98	0.52	0.87	3.24	2.47	3.98	5.74	4.00	4.56	1.52	1.03	0.38	29.08
Green Bay	0.78	1.55	2.49	4.64	4.72	2.74	2.96	4.52	3.04	0.06	2.01	0.30	30.63
Hancock	0.36	0.45	1.73	5.57	3.75	4.36	2.66	6.44	4.42	0.31	2.35	0.56	32.95
Hatfield	0.62	1.38	1.56	3.04	2.39	4.97	2.66	7.00	4.30	0.35	3.83	1.03	30.02
Hayward	1.31												
High Falls	1.92	0.91	2.13	4.94	5.33	3.27	2.91	4.90	2.24	0.52	1.55	1.43	32.15
Hillsboro	0.45	0.88	3.25	3.17	3.27	6.24	4.21	7.48	3.35	0.45	1.56	1.13	34.93
Iron River	0.28	0.22	0.37	3.83	2.64	2.63	3.14	5.68	3.66	1.95	1.30	0.70	26.20
Kilbourn	0.90	0.52	3.68	3.16	2.23	4.88	5.65	7.23	4.18	0.60	2.15	0.89	36.97
Koepentek	0.93	0.58	1.80	2.80	5.45	3.25	6.10	4.50	3.15			1.15	
La Crosse	0.91	0.93	3.23	2.24	1.75	6.04	1.94	0.25	3.58	0.75	1.19	1.67	33.36
Lake Mills	0.32	0.72	1.77	3.35	1.78	4.96	3.80	8.99	1.96	0.51	2.29	0.78	31.33
Lancaster	0.47	1.90	4.02	1.37	1.76	5.86	4.72	6.53	1.65	0.37	1.16	1.90	31.74
Long Lake	1.20	0.99	1.03	4.28	2.40	4.14	4.79	3.79	3.35	0.74	1.01	1.17	30.64
Madison	0.56	1.06	2.84	3.25	1.45	4.15	5.01	7.23	3.87	0.22	2.59	1.16	32.28
Manitowoc	1.06	2.76	3.68	5.40	5.49	3.00	4.38	11.97	1.89	0.14	2.66	1.50	43.64
Marquette													

PRECIPITATION, 1924

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Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Wisconsin—Continued													
Merrill	0.92	1.00	1.90	4.09	3.56	2.75	1.67	3.60	2.50	0.48	1.03	0.54	24.04
Milwaukee	0.95	2.52	2.94	2.64	3.87	4.50	2.49	8.06	1.35	0.09	1.58	1.25	32.30
Minocqua	0.76	0.62	0.98	3.82	3.22	4.84	4.44	0.00	3.04	0.59	1.40	0.95	30.56
Mondovi	0.61	2.51	2.85	5.02	1.86	3.28	2.54	5.96	4.92	1.18	0.71	1.79	32.93
Nellyville	0.60	1.15	1.67	4.52	3.43	4.85	3.00	5.90	3.63	0.37	1.29	1.39	31.80
New London	0.90	1.24	4.13	5.90	4.99	4.75	4.12	9.63	4.52	0.23	1.77	0.69	42.87
Oconto	0.67	1.42	1.13	5.72	5.12	2.74	3.47	3.91	2.37	0.19	1.24	0.97	28.94
Oshkosh		0.78	3.72	3.66	4.20	3.15	3.69	11.94	2.70	0.15	3.25	0.50	
Oshkosh (No. 2)										2.82	0.10	2.77	0.94
Park Falls	1.20	1.00	1.80	5.11	3.25	3.86	4.53	6.16	3.02	1.38	1.70	1.60	34.61
Pine River	0.62	1.11	3.19	4.68	4.59	3.08	2.35	8.58	4.80	0.17	2.27	1.00	36.44
Plum Island	1.15	2.20	1.55	1.55	3.00	1.57	3.92	4.43	2.99	0.17	2.31	0.90	25.74
Plymouth	0.64	1.88	2.47	3.76	5.07	2.42	3.85	13.05	2.12	0.12	3.30	1.04	39.72
Portage	0.69	0.45	3.23	4.42	3.02	4.15	4.98	8.84	3.04	0.30	2.40	1.29	36.21
Port Washington	0.95	1.80	3.38	3.53	3.59	2.38	2.89	9.52	1.69	0.10	2.38	1.63	32.84
Prairie du Chien	0.48	1.02	4.14	1.38	2.16	7.04	4.26	7.96	1.54	0.30	0.66	1.68	32.60
Prairie du Sac	0.13	0.26	2.19	3.49	2.84	5.67	3.62	8.12	2.80	0.35	1.43	0.96	31.38
Premiee	1.11	0.65	1.20	4.93	3.43	4.31	3.00	5.95	4.47	0.82	1.66	0.70	32.23
Racine	1.11	1.97	2.15	2.85	4.33	6.74	2.15	8.55	2.16	T.	0.96	0.97	33.94
Reet Lake	0.75	0.32	1.40	3.13	2.84	3.66		4.44	2.79	1.12	1.46	1.80	
Rhineland	0.86	0.49	0.82	3.54	3.64	4.63	2.97	6.27	2.65	0.74	0.94	0.85	28.40
Richland Center	0.53	0.53	4.68	2.23	2.37	5.32	2.62	8.44	3.08	0.27	1.24	0.82	32.13
Ripon	0.58	1.24	3.03	3.64	4.35	3.37	2.96	11.44	1.85	0.08	2.34	0.81	35.69
River Falls	0.92	0.65	1.83	3.83	1.79	5.38	2.77	3.59	4.72	1.07	0.56	0.98	28.09
Rhawanoc	0.51	1.28	3.06	6.11	6.86	3.34	4.00	4.70	2.61	0.35	1.81	1.05	35.80
Sheboygan	1.10	2.13	2.32	3.67	4.02	1.80	4.00	12.96	2.80	0.02	2.75	1.08	38.65
Solon Springs	0.27	0.48	0.33	4.04	2.70	2.85	2.95	6.85	3.25	2.35	1.53	1.12	28.52
Spooner	0.41	0.61	0.88	3.30	2.47	3.28	2.36	7.35	4.02	2.03	1.05	0.92	28.56
Stanley	0.75	1.15	0.78	5.81	2.75	4.97	3.63	4.78	5.93	0.85	2.19	0.80	34.37
Stevens Point	1.31	1.22	5.15	7.14	4.77	3.32	4.34	7.35	2.78	0.39	2.57	1.51	41.86
Sturgeon Bay	0.85	1.49	1.76	4.50	5.29	3.20	5.22	5.98	2.60	0.49	2.11	1.75	35.33
Superior	0.12	0.42	0.84	3.25	3.40	3.25	4.64	5.50	5.79	1.19	0.69	0.75	29.33
Tomahawk	0.79	0.81	1.04	5.98	4.01	3.38	3.61	5.26	2.37	0.52	1.42		
Viroqua	0.99	1.15	2.40	2.98	3.00	7.39	3.46	11.69	4.20	0.81		1.07	
Watertown	0.63	1.09	2.39	3.21	3.00	4.31	3.61	7.58	2.13	0.13	2.29	1.22	31.69
Waukesha	1.36	2.53	3.80	2.16	4.11	5.30	2.45	8.07	2.21	0.06	2.39	0.93	35.31
Waupaca	0.59	1.59	2.88	4.61	5.07		2.74	11.06	3.85	0.13	2.15	0.71	31.51
Wausau	0.97	1.00	3.13	5.97	3.07	2.41	4.08	5.85	1.83	0.40	2.19	0.91	31.81
West Bend	0.63	1.74	2.83	2.66	4.38	3.63	3.99	13.17	2.17	0.08	3.37	1.25	39.88
Weyerhaeuser	1.17	0.66	1.80	5.13	3.32	5.53	4.06	0.02	4.84	1.68	1.16	1.00	38.37
Whitehall	0.90	1.21	1.48	4.18			1.15	2.94	6.17	6.21			
Williams Bay	1.22	1.91	3.79	2.20	2.59	8.72	4.21	9.08	1.83	0.10	1.41	1.66	38.66
Wisconsin Rapids	1.16	1.45	2.69	5.45	4.67	5.26	3.61	12.12	6.36	0.34	2.07	1.38	48.56
Wyoming													
Afton (near)	1.30	0.86	3.88	0.80	0.61	0.66	0.52	0.08	1.40	3.24	0.82	2.71	16.88
Alta	0.35	0.52	1.32	0.40	0.30	0.70	1.46	0.27	1.30	2.51	0.21	1.97	11.31
Archer	0.06	0.30	0.87	0.58	3.38	0.86	0.60	0.27	2.54	1.66	0.22	0.13	11.37
Barnum	0.36	0.22	2.51	0.87	2.55	0.00	0.53	T.	0.56	2.12	0.65	0.65	11.02
Basin	0.27	1.96	5.21	0.56	0.32	0.44	0.79	0.05	0.36	0.48	0.06	0.59	11.09
Bedford	1.38	0.81	2.65	1.14	0.61	0.53	1.06	0.15	1.36	3.01	0.67	1.79	15.16
Big Creek Station			1.51										
Border	0.78	0.42	1.70	0.34	0.53	0.25	0.15	0.00	1.24	1.72	0.60	1.63	9.36
Bow Ranger Station						1.81	1.25	0.30					
Buffalo				1.37	1.91	1.29	0.44	0.51	0.70	1.89	0.27	0.97	
Casper	0.36	1.24	2.20	1.18	1.05	0.27	0.37	0.52	2.64	2.10	1.33	0.96	14.21
Centennial	1.29	0.63	2.36	0.83	2.19	0.41	0.82	0.04	1.47	3.18	0.94	0.77	14.93
Cheyenne	0.38	1.14	1.71	1.41	3.58	1.52	1.12	0.23	2.36	2.25	0.31	0.78	16.79
Chugwater	0.54	0.79	1.88	1.31	2.26	0.33	0.32	0.52	2.23	2.39	0.34	0.66	13.57
Clark	0.25	0.63	1.00	0.65	0.35	1.02	1.50	0.15	1.61	1.76	0.97	0.91	10.81
Clearmont		0.44	1.30	0.48	0.66	0.35	0.28	0.00	0.32	2.00	0.20	0.28	
Cody	0.41	0.55	1.31	0.55	0.66	1.47	0.94	0.07	2.16	2.20	0.47	0.60	11.30
Colony	0.37	0.83	1.05	0.93	0.44	2.93	3.29	3.61	0.62	2.34	0.38	0.94	18.23
Crandall Creek	0.99	0.71	2.19	2.37	0.45	2.21	2.51	1.12	2.31	2.22	4.62	1.85	23.55
Deaver	0.34	0.21	0.66	T.	0.07	0.69	0.64	0.02	0.57	0.14	0.18	0.38	3.00
Diversion Dam	0.25	0.31	0.89	0.59	4.30	T.	T.	T.	0.31	1.66	T.	0.71	9.02
Dixon	0.75	0.63	1.68	0.30	0.78	0.24	0.44	0.36	1.11	1.75	0.80	1.51	10.35
Dome Lake		0.66	3.49					0.29	2.63	3.39	3.45	1.13	
Douglas	0.20	0.89	0.91	1.31	1.79				2.80	0.87	0.73		
Dubois	0.40	0.50	1.40	0.28	0.50	0.02	0.20	0.03	0.50	1.75	0.20	1.50	7.28
Dutch Joe					1.69	0.30	0.23	0.33	1.25				
Dwyer					1.24	0.00	0.42	T.	1.52	3.30	0.19	0.30	
Ebets	0.95	2.20	1.25	1.35	0.81	1.48	1.93	1.03	0.13	1.31	0.70	0.80	13.92
Eden	0.12	0.15	0.27	0.21	0.42	0.00	0.31	0.12	9.26	1.86	0.38	0.36	4.46
Elk Mountain	T.	1.70	2.60	4.30	2.70	0.00	1.30	0.00	4.10	3.64	0.55	1.20	22.09
Encampment	0.43	0.46	0.97	0.69	0.94	0.18	0.21	0.52	1.23	3.02	0.75	1.29	10.69
Ervay	0.55	0.71	1.58	0.96	3.78	0.31	0.55	0.34	0.92	3.01	1.13	1.05	15.99
Evanson	0.91	0.43	1.83	0.80	4.06	0.09	1.07	0.32	0.48	1.80	0.85	1.91	14.54
Fort Laramie	0.23	0.15	0.81	0.97	1.61	0.49	0.71	0.62	1.81	1.86	0.10	0.26	9.55
Forpark	1.24	1.13	4.38	1.23	3.67	0.12	1.10	0.33	1.04	1.39	0.95	2.49	18.97
Gillette							2.45		0.20	2.20	1.00	0.72	
Green River	0.40	0.08	0.48	0.47	0.72	0.02	0.44	0.03	0.72	0.91	0.63	0.84	5.74
Hampshire (near)	0.28	0.79	0.98	0.55	0.41	1.07	0.40	1.56	0.00	4.10	1.52	2.19	13.85
Hicks	0.26	0.94	1.92	0.73	3.86	0.26	0.84	0.22	1.48			0.56	
Hunter's Station	0.74	1.46	4.27	1.99	4.70	0.76	0.16	T.	1.55	1.18	1.15	0.16	18.12
Jackson	0.92	0.23	0.62	0.48				0.03	6.53	5.50	2.54		
Kendall			2.04			0.07							
Kirtley	0.07	0.74	0.70	0.41	1.06	1.21	0.64	1.19	1.55	2.56	0.90	0.31	11.34
Koovies													

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Monthly and annual precipitation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Wyoming—Continued</i>													
Marshall						0.26	0.89	0.65	2.29	2.81	0.71	1.28	
Middle Fork (near)	0.66	0.46	3.00	2.52	6.32	0.00	T.	0.08	0.70	2.98	0.15	1.54	18.41
Moran	1.05	0.88	0.86	1.27	0.41	1.02	1.13	0.40	1.25	5.20	1.26	2.41	17.14
Newcastle	0.37	0.63	1.01	0.79	0.96	1.34	0.84	0.62	0.82	3.02	0.98	1.21	12.61
Nine Mile Creek	0.18	0.30		0.14	1.14	1.73	0.31	0.20	0.62	0.68	T.		0.51
Pathfinder	0.20	0.36	0.50	0.44	2.11	0.26	0.29	0.26	1.73	2.54	0.84		9.90
Pavillion	0.55	0.31	1.08	0.37	4.13	T.	0.28	0.06	0.34	1.56	T.		0.60
Pine Bluffs	0.21	0.31	0.62	0.62	3.20	0.64	0.47	0.23	3.38	1.40	T.		0.36
Pinedale	0.42	0.07	1.15	0.93						2.57			1.21
Powell	0.44	0.04	0.30	T.	0.12	0.39	0.78	T.	0.83	0.26	0.11	0.46	8.22
Quaking Aspen Creek	1.99	1.05	2.91	1.57	3.90	0.02	1.21	0.12	2.25	2.53	0.60	1.06	18.99
Rawlins	0.04	0.36	1.77	0.41	1.68	0.22	0.50	0.08	2.84	1.62	0.29	0.85	10.64
Riverton	0.16	0.33	1.03	0.57	4.59	0.11	0.08	0.02	0.64	2.17	0.12	0.75	10.57
Rockypoint	0.87	1.05	2.30	1.33	0.73	1.34	2.39	0.70	0.29	3.06	1.03	1.00	16.99
Ross (near)	0.14	1.40	0.95	0.48	1.12	0.51	0.02	0.11	0.49	2.33	0.43	0.82	9.79
Sage	0.44	0.14	0.90	0.34	0.68	0.00	0.37	0.19	0.36	0.94	1.05	1.12	6.53
Salt Creek	0.10	1.01	1.02	1.66	2.00	0.18	0.13	0.01	1.36	1.36	0.39	0.57	9.79
Saratoga	0.18	0.41	0.65	0.05	0.69	0.12	0.34	0.13	2.42	1.87	0.59	1.21	8.66
Sheridan	0.08	1.00	1.99	1.92	1.51	2.01	1.08	0.35	1.03	2.07	0.76	1.12	13.91
Sheridan Field Station	0.30	1.10	1.36	1.63	1.53	2.12	0.95	0.36	1.09	2.22	0.63	1.03	14.32
Shoshone Dam	0.47	0.51	2.29	0.92	0.90	0.50	0.95	0.00	0.75	2.30	0.26	1.19	11.04
South Pass City	0.54	0.36	1.51	0.60	1.31	0.08	0.13	0.18	0.68	1.58	0.67	1.24	8.88
Spencer (near)	0.20	0.23	1.01	0.43	0.50	1.48	1.56	0.76	0.78	1.00	0.76	1.19	9.90
Sundance	0.83	1.20	1.88	0.89	1.17	1.59	1.50	1.30	1.10	3.06	1.11	0.97	16.90
Thermopolis	0.47	0.93	2.50	1.70	3.48	0.84	0.51	0.00	1.09	1.82	0.45	0.34	13.39
Torrington	T.	0.14	0.45	0.39	1.45	0.74	0.05	0.03	1.70	2.12	0.36	0.57	9.10
Upton	0.33	1.04	1.22	0.60	0.34	0.90	1.11	1.10	0.57	3.48	1.37	0.79	12.65
Verona	0.87	1.45	1.60							1.11	2.39	0.16	
Wheatland	0.10	0.13	0.99	1.50	1.47	0.01	0.44	0.42	2.04	1.40	0.22	0.33	9.05
Worland	1.05	0.61	0.28	0.39	0.78	0.12	0.63	0.03	0.58	1.58	0.10	0.41	6.56
Yoder	T.	0.17	1.31	0.75	2.27	0.68	1.16	0.28	2.06	2.16	0.89	0.33	12.16
Yellowstone Park	0.80	0.77	1.21	0.95	0.43	0.81	3.39	1.36	1.67	2.43	2.23	1.46	17.51
Buffalo Ranch	1.32	1.10	2.24	1.53	0.75	1.45	3.02	2.10	2.50				
Gallatin	0.72	0.72	2.43	0.54	0.22	0.98	3.39	1.25	2.17	2.25	1.78	0.75	17.23
Lake Yellowstone	1.02	1.35	1.62	0.40	0.14	0.48	1.81	0.88	1.97	2.05	1.55	2.14	18.13
Riverside	0.77	1.94	2.27	1.55	0.53	1.00	3.67	0.84	1.78	2.77	2.26	1.60	20.86
Snake River	1.33	1.95	2.09	1.79	0.74	0.72	2.06	0.28	2.07	6.35	3.89	3.59	27.86

SNOWFALL, 1924-25

Monthly and seasonal snowfall, 1924-25

NOTE.—Leaders under heading of months indicate no snow; under seasonal, report incomplete; T., a trace; *, no report

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
Alabama										
Anniston										0.0
Auburn										0.0
Birmingham						T.				T.
Decatur						T.				T.
Evergreen										0.0
Florence						T.				T.
Gadsden						T.				T.
Greensboro										0.0
Highland Home										0.0
Maple Grove										0.0
Mobile										0.0
Montgomery				T.						T.
St. Bernard						T.				T.
Union Springs										0.0
Valley Head						T.				T.
Alaska										
Allakaket	2.5	7.2	12.0	13.5	2.7	4.6	12.9	(*)		
Anchorage		9.2	3.0	8.5	13.2	1.4	6.3	2.0		43.6
Annex Creek		2.0	24.0	24.0	55.5	52.0	9.0	3.0		169.5
Atka		T.	4.5	5.0	9.2	11.4	5.0	2.5	(*)	
Barrow	3.6	1.6	9.3	2.5	2.0	T.	4.5	1.5	0.4	27.1
Bethel		(*)	(*)	(*)	1.4	1.3	(*)	1.4	0.7	
Broad Pass	(*)	1.0	8.5	(*)	3.0	20.0	5.6	(*)		
Cache Creek	1.5	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Candle	(*)	3.5	3.0	2.0		1.5	15.0	1.5		(?)
Chickaloon	(*)	(*)	7.0	5.0	2.0	14.0	10.0	2.0		
Cordova		17.0	T.	13.8	40.0	50.0	25.2	29.1	T.	175.1
Dillingham		(*)	(*)	1.0	18.0	15.5	17.5	8.0		
Eagle	0.5	14.2	18.2	14.8	5.1	2.7	3.2	1.0		59.7
Fairbanks (near)	1.4	6.6	7.0	8.0	2.6	6.0	6.2	0.2	T.	38.0
Fortmann Hatchery			9.0	3.0	46.5	27.0	27.5	1.5		114.5
Fort Yukon	4.0	21.0	2.0	3.0	1.0	5.0	2.9	T.		38.9
Geese Islands		(*)		1.0	5.0	T.	1.5	2.5		
Holy Cross		1.0	15.0	19.5	15.0	7.0	31.0	7.5		96.0
Juneau		T.	6.2	24.4	53.9	25.6	15.8	2.0	T.	127.9
Kanatak				(*)	12.0	(*)	(*)	(*)	(*)	
Katalla		T.		7.8	20.9	33.1	18.6	12.9		93.3
Kennecott	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3.9	3.0	
Ketchikan			3.0	1.6	27.5	16.0	15.0			63.1
Kodiak (Experiment Station)		1.0		1.0	17.8	10.4	5.0	T.		35.2
Latouche		2.0	0.2	17.6	37.2	95.7	30.5	T.	T.	183.2
Matanuska		7.6	0.3	17.2	10.4	2.6	2.9			41.0
McKinley Park	T.	5.9	6.6	6.9	3.6	8.7	6.9	(*)		
Nenana		12.0	6.0	8.0	4.4	7.6	11.2	(*)	(*)	(*)
Nome	T.	4.1	2.8	6.3	0.9	1.1	19.0	10.5	T.	44.7
Noorvik	1.5	5.5	9.2	9.0	T.		19.1	1.0	T.	45.3
Petersburg			2.2	3.2	66.7	7.0	(*)	(*)	(*)	
Pilot Station	(*)	2.5	22.5	11.7	12.7	13.2	21.0	7.7		
Port Moller		2.4	1.2	7.6	9.0	7.8	9.3	(*)	(*)	

¹ Includes 0.7 inch in July and 1.0 inch in August, 1924.
² Trace in July, 1924.

³ Trace in August, 1924.
⁴ Traces in July and August, 1924.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Alaska—Continued</i>										
Rampart	4.0	12.6	3.9	8.1	9.7	13.6	7.9	1.2		61.0
St. Paul Island		1.3	5.1	3.2	6.0	14.1	4.5	3.1	2.0	39.3
Seward		0.5	T.	19.5	15.0	24.0	12.0	17.0	(*)	
Shaktoolik	(*)	T.	3.9	5.6	(*)	9.2	14.4	(*)	(*)	
Shishmaref	3.0	6.0	3.0	5.0	2.0		5.0	3.0	3.0	30.0
Sitka			T.	4.3	39.4	19.0	3.0	T.		65.7
Skagway	T.	T.	4.3	4.2	14.7	6.3	4.4	1.0		34.9
Strawberry Point		(*)	0.3	17.4	40.6	19.1	14.6	0.2		
Strelna	3.0	10.0	11.0	8.0	9.0	7.0	8.0	(*)	(*)	
Talkeetna	(*)	22.0	20.0	36.0	16.0	35.0	29.0	8.0		
Tanana	5.0	14.7	2.6	28.0	18.8	28.2	19.1	1.3		117.7
Tunnel	(*)	12.0	(*)	14.0	14.0	36.0	39.0	(*)	(*)	
Valdez	1.0	(*)	21.0	40.5	29.0	28.0	(*)	(*)	T.	
Whale Island		T.	T.	5.4	16.9	8.2	5.8	2.9		39.2
White Mountain		2.5	14.1	(*)	2.9	7.5	(*)	(*)	(*)	(*)
Wrangell			2.5	4.3	59.4	18.5	11.0	T.		95.7
Yakutat		6.0	1.5	11.5	28.0	33.0	15.0	1.0	T.	96.0
<i>Arizona</i>										
Alpine	(*)	(*)	(*)	(*)		6.5	1.0	2.0		
Ashdale Ranger Station				4.5	2.5			15.0		22.0
Benson				0.3	2.0					2.3
Bisbee				0.2	2.0			T.		2.2
Blue				7.0	2.0	T.		1.0		10.0
Bly Ranger Station	(*)	(*)	T.	28.5	7.0	(*)		(*)	(*)	
Canille				0.5	4.0			1.0		5.5
Cedar Glade				8.5	2.5	0.5	2.0	4.2		17.7
Chin Lee			T.	8.2	4.0	(*)	(*)	(*)	(*)	
Cochise Stronghold				3.0	5.0			3.0		11.0
Cosnino			0.5	16.0	1.0	1.5	6.0	6.0		31.0
Crown King	(*)	(*)	(*)	17.5	3.0		4.0	12.0		
Elgin (near)				1.0				2.0		3.0
Flagstaff		T.	2.0	26.5	1.7	3.3	7.5	6.5		47.5
Fort Apache				3.0	2.5	T.	1.5	3.0		10.0
Fort Valley			3.5	46.0	2.8	8.0	9.0	13.0		82.3
Grand Canyon		T.	0.5	39.8	3.7	8.0	4.7	3.0	T.	59.7
Helvetia			(*)	4.0	1.5			T.		
Henry's Camp				19.2	20.5	3.0	1.5	2.1		46.3
Hereford				0.2	1.0					1.2
Holbrook				2.0	2.5	1.0		2.0		7.5
Jerome				5.0	3.0		T.	4.0		12.0
Kayenta		T.	T.	5.4	0.2	2.2	T.	6.0		13.8
Kingman				1.5	T.					1.5
Lakeside		(*)		(*)	(*)	1.0	3.3	3.5	T.	
Lee's Ferry				3.3	0.2					3.5
Leupp	(*)	(*)	T.	T.	T.	T.		T.		
Lewis Springs					0.5					0.5
Mocasin		T.		23.0	2.0	1.0	(*)	T.		
Mount Harqua Hala				T.	2.0		T.	1.5		3.5
Natural Bridge				13.0	4.0		T.	6.0		23.0
Nogales					T.			T.		T.
Oracle		(*)		5.2						
Paradise				4.0	3.0					7.0
Payson	(*)			8.0	6.0	T.		7.0		
Phoenix										0.0
Pinal Ranch				2.0	7.0		0.5	13.0		22.5
Pinedale			1.0	27.0	6.0	1.0		6.0		41.0
Portal	(*)	(*)		3.0	2.0			(*)	(*)	
Prescott				10.3	1.8		1.2	6.5		19.8
Prescott Dry Farm				2.0	2.1	T.	0.2	T.		4.3
Ryan Ranger Station	(*)	(*)	(*)	32.0	2.0	11.0	19.0	(*)	(*)	
St. Michaels	(*)	T.	2.0	(*)	1.5	4.0		T.		
San Simon				3.0						3.0
Seligman				4.0	2.5	1.0				7.5
Show Low			T.	15.0	4.0	T.	2.0	4.0		25.0

* 0.3 in August, 1924.

* Trace in June, 1925.

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Arizona—Continued</i>										
Snowflake				5.0	5.0	2.5	(*)	2.5		
Springerville				5.5	3.2	1.2		0.5		10.4
Spring Valley Ranger Station		1.0		(*)	5.0	11.0	(*)	8.0	(*)	
Supai			T.	4.0	2.0					6.0
Sycamore Ranger Station					1.5	(*)				
Tombstone				0.5	1.0			T.		1.5
Tonto Ranger Station				10.9	3.0			6.5		20.4
Truxton				2.1			T.	T.		2.1
Tuba City				8.0	1.0	1.0	2.0	1.3		13.3
Tucson										0.0
Walnut Creek Ranger Station	(*)			6.5	1.5					
Walnut Grove								T.		T.
Willcox					2.6					2.6
Williams		T.	T.	29.3	2.0	3.6	6.5	10.0		51.4
Windmill Ranch	(*)	(*)	(*)	(*)	12.0		4.5	9.2		
Winslow				1.0	2.0	0.5				3.5
Yaeger Canyon	(*)	(*)		16.0	5.0			7.0	(*)	
Young			1.0	12.0	4.0	T.		8.0	(*)	
Yuma										0.0
<i>Arkansas</i>										
Arkadelphia					T.	0.5				0.5
Batesville				0.5	2.0					2.5
Bee Branch				1.0	1.0					2.0
Bentonville			0.4	1.1	4.5	1.0	0.6			7.6
Brinkley					0.2	0.2				0.4
Calico Rock				1.0	3.0	T.				4.0
Clarendon					0.4	3.0				3.4
Corning				4.0	5.1					9.1
Dardanelle					1.0					1.0
Dumas					T.					T.
Dutton			T.	1.0	1.5	0.5				3.0
Eureka Springs			T.	1.0	6.0	1.0	0.2			8.2
Fayetteville			T.	0.6	5.0	0.5				6.1
Fort Smith			T.	T.	0.9					0.9
Georgetown					2.5	0.3				2.8
Grannis					0.5	T.				0.5
Helena				T.	0.2	T.				0.2
Hope					T.					T.
Jonesboro				T.	2.3	1.8				4.1
Little Rock				T.	0.6	2.2				2.8
Lutherville			T.		1.5					1.5
Mount Ida				T.	1.0	T.				1.0
Ozark			T.	T.	2.0	T.	T.			2.0
Pindall				1.0	3.5					4.5
Pine Bluff						1.5				1.5
Waldron				0.8	1.5	2.4				4.7
Wynne				T.	1.5	T.				1.5
<i>California</i>										
Bishop Creek		1.0	14.0	16.0	6.0	19.0	8.0	11.0	1.0	* 76.0
Blue Canyon		6.0	2.0	4.0	27.0	43.0	54.0	28.0		† 166.0
Camptonville (near)				26.5	1.0	1.0	17.0	7.0		52.5
Canyon Dam			3.0	26.0	7.0	17.0	16.0	7.0		76.0
Cascada		0.8	T.	20.0	4.0	6.0	40.0	16.0		86.8
Cedarville		T.	2.5	10.5	10.5	3.5	3.5	0.5		31.0
Chester		6.0	3.0	29.0	7.5	32.0	28.0	12.0		† 118.0
Cliff Camp		20.0	6.0	62.0	10.0	29.0	55.0	24.0	2.0	208.0
Colfax				3.0			8.0	4.0		15.0
Cuyamaca				5.0	2.0	T.	8.0	12.0		27.0
Deer Creek		1.0	T.	28.0	12.0	9.0	44.0	11.0		105.0
De Sable				13.0			12.0	6.0		31.0
Dinkey Meadow		16.0	6.0	59.0	9.0	23.0	52.0	32.0	2.0	† 205.0

* Trace in June, 1925.

† Includes June, 1925: Blue Canyon, 2.0; Chester, 0.5; Dinkey Meadow, 6.0.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>California—Continued</i>										
Dobbins (near)				1.5						1.5
Downieville		0.8		19.7	11.0	0.2	22.2	4.2		58.1
Dudleys		T.	T.	11.0	3.0	T.	16.5	8.0		38.5
Ellery Lake	(*)	(*)	21.5	57.7	17.0	39.5	20.5	23.0	2.0	
Eureka										0.0
Fordyce Dam		23.0	9.0	59.0	39.0	76.0	66.0	52.0		335.5
Fort Bidwell			0.5	12.0	6.5	3.5	4.6	2.0		29.1
Fresno										0.0
Gem Lake	(*)	(*)	(*)	43.6	20.0	54.5	24.0	23.5	3.5	
Giant Forest		41.0	14.9	108.0	25.0	61.4	103.8	78.5	3.0	435.6
Glennville (near)				8.0	1.0		13.0	5.0		27.0
Grass Valley				1.5			11.0	1.5		14.0
Hat Creek		T.		13.0	4.8	1.0	2.8	1.8		23.4
Hayfork		T.		10.0	T.	6.0	1.0	T.		17.0
Helm Creek		40.0	24.0	79.0	28.0	52.0	49.5	44.0	32.0	348.5
Hetch Hetchy			3.0	13.0	4.0	7.0	34.0	10.0		71.0
Hot Springs				10.0	3.0		8.0	(*)		
Hullville (near)				5.7			5.2			10.9
Huntington Lake		17.0	6.0	44.0	21.0	35.0	60.0	18.0	8.0	218.0
Independence				6.5	T.			T.		6.5
Inskip		1.0	10.0	39.0	14.0	43.8	48.5	12.5		169.8
Julian			T.	15.0	4.0		19.0	24.0		62.0
Kennett				8.5						8.5
Lake Eleanor		5.0	4.0	19.5	11.0	16.0	50.0	21.0		126.5
Lake Sebrina	(*)	(*)	(*)	24.5	8.0	28.5	12.5	18.5	2.0	
Lake Spaulding		6.8	1.5	35.0	29.0	50.0	57.5	25.0		204.8
La Porte		3.5	5.5	48.6	20.0	45.8	47.3	21.0	T.	191.7
Lick Observatory		T.		T.	T.		9.0	1.0		10.0
Los Angeles										0.0
Lundy Lake	(*)	(*)	7.0	18.5	12.0	26.0	8.0	10.0	0.5	
McCloud		T.	2.0	17.5	4.0	21.0	22.5	2.0		69.0
Madeline		7.0	2.5	5.0	8.0	6.5	7.5	7.0		43.5
Markleeville		4.0	1.0	13.0	4.5	38.5	13.0	13.0		87.0
Mill Creek (Amador County)		1.0		1.0	1.0		2.0	5.0		10.0
Montague			T.	2.5	0.2	0.2	T.	T.		2.9
Mount Wilson		T.		7.0	0.5	T.	13.0	12.5		33.0
Nevada City		T.		3.5			4.5	1.0		9.0
North Bloomfield				10.5			12.0	6.0		28.5
North Fork				3.0	0.5		6.0	1.0		10.5
Placerville		T.		T.						T.
Point Reyes										0.0
Quincy			T.	15.0	4.0	3.0	22.0	4.0		48.0
Red Bluff				11.8						11.8
Sacramento										0.0
San Diego										0.0
San Francisco										0.0
San Jose										0.0
San Luis Obispo										0.0
Seven Oaks		2.0		28.0	2.0		24.0	16.0		72.0
Shield's Ranch			1.0	5.0	2.0	12.0	T.	17.5		37.5
Sierraville		9.0	T.	9.5	15.5	16.5	16.0	6.5		73.8
Sisson			2.0	12.0	4.0	29.0	23.0	3.0		73.0
South Lake	(*)	(*)	(*)	28.0	8.0	28.0	10.0	24.0	2.0	
Springville (near)		2.0		27.5	7.5		36.0	17.5		90.5
Squirrel Inn		4.0	0.5	12.5	2.0		15.5	11.0		45.5
Summit		24.0	8.0	65.0	32.0	70.0	58.0	38.0	1.0	306.0
Tahoe	T.	8.5	4.0	28.0	11.0	54.0	29.0	27.0	T.	168.5
Tamarack	T.	48.0	29.0	77.0	31.0	124.0	46.0	46.0	9.0	429.0
Twin Lakes		22.5	16.5	52.0	28.0	97.0	69.0	47.0	11.5	349.0
Weaverville				6.0	1.0					7.0
West Branch			T.	16.0	2.0	1.5	20.0	6.0		45.5
Westwood		3.3	3.5	22.9	8.6	26.0	25.0	9.6		99.8
Yosemite		2.5	1.8	14.9	3.0	8.0	35.5	15.8		81.5
Yreka				2.0	0.8	(*)	1.0			

* Trace in June, 1925.

* Includes June, 1925: Fordyce Dam, 11.0; Huntington Lake, 9.0; Inskip, 1.0.

* Includes June, 1925: Sierraville, 0.8; Summit, 10.0; Tahoe, 7.0; Tamarack, 19.0; Twin Lakes, 5.5; Westwood, 0.9.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Colorado</i>										
Ames		14.0	18.0	42.6	9.0	15.5	30.5	11.0		140.6
Auldhurst		11.5	0.5	15.0	8.0	7.0	7.5	2.1		¹⁰ 52.6
Boulder			1.0	14.2	2.0	T.	4.0			21.2
Buena Vista (near)			1.0	13.5	1.2	3.5	3.8	1.5		¹⁰ 24.7
Burlington			1.0	22.0	3.0	T.	4.0			30.0
Calhan		0.8	0.7	12.9	1.6	2.2	1.0	T.		19.2
Canon City			T.	12.0	3.5	4.0	T.			19.5
Cascade		18.0	16.0	66.0	5.0	18.0	48.0	24.0		195.0
Castle Rock	(*)			9.0	T.	(*)	(*)	(*)	(*)	
Cathedral		2.0	8.0	(*)	(*)	9.0	9.0	2.0		
Cedaredge	(*)			18.0	2.0	3.5	3.0	2.5		
Cheesman		1.0	0.2	13.7	3.0	5.0	5.5	T.		28.4
Cheyenne Wells				18.5	2.0		2.0			22.5
Collbran	T.	9.0	5.0	40.0	11.5	16.0	5.5			87.0
Colorado Springs				8.4	(*)	(*)	(*)			
Columbine	10.0	26.0	21.0	25.0	14.5	23.0	9.0	19.0	1.0	⁶ 148.5
Columbine Ranch		8.0	6.0	39.5	2.0	11.0	11.0	T.		77.5
Cope (near)			(*)	17.5	2.0	T.	5.0			
Crested Butte	(*)	8.0	11.5	19.0	23.0	5.0	11.0			
Cuchara Camps		0.2	T.	41.2	9.9	20.5	9.8	T.		81.6
Cumbres		16.0	37.5	83.5	9.5	26.2	79.5	14.5	2.5	¹⁰ 272.4
Del Norte			4.0	13.0	2.2	3.0	4.0			26.2
Delta		1.0	T.	13.0	5.5	3.5				23.0
Denver	T.		2.8	18.4	3.0	0.6	7.5	T.		32.3
Dillon	7.8	23.0	9.6	27.3	10.0	16.0	13.8	4.5	0.5	112.5
Dolores			1.0	34.5	3.0	2.5	8.0	2.0		51.0
Elk Creek	1.0	9.0	1.0	14.5	3.5	4.5	5.0	4.5		43.0
Estes Park Fish Hatchery	1.0	4.0	9.0	19.0	4.0		12.0			49.0
Flagler			0.5	18.5	1.5	T.	4.5			25.0
Fort Collins			1.0	9.5	4.0	0.7	6.0			21.2
Fort Lupton			1.5	17.5	1.5	1.0	6.8	T.		28.3
Fort Morgan			T.	3.2	1.5					4.7
Fraser	3.5	30.0	14.0	31.0	20.5	21.0	23.5	12.0	1.0	¹¹ 162.5
Fremont Experiment Station	0.3	9.3	3.1	12.3	3.4	11.2	8.5	7.8	2.2	¹¹ 58.6
Garfield	1.0	11.0	12.0	41.0	14.0	15.5	14.0	4.5	3.0	¹¹ 119.0
Garnett			T.	6.5		7.0	2.0			15.5
Grand Junction		1.1	T.	15.2	5.7	4.7	1.0	T.		27.7
Greeley				13.8	3.0	1.2	3.7			21.7
Grover (near)				5.1	0.4	T.	1.5			7.0
Gunnison		1.0	2.0	27.5	7.8	16.5	4.3	2.0		61.1
Hartsel		0.5	2.0	3.2	3.8	4.5	4.2	4.0	T.	¹¹ 23.2
Haswell				16.0	2.0		T.			18.0
Hawthorne			2.0	21.5	5.5	T.	7.5			38.5
Hermit		2.5	8.0	29.0	1.0	5.0	22.5	5.0		73.0
Holly				7.0	(*)	T.	T.			
Huerfano			2.5	21.0	8.0	4.5				36.0
Idaho Springs	T.	T.	2.5	11.0	4.2	2.5	4.0	2.6		26.8
Ignacio				27.0	T.	4.0	2.0			33.0
Julesburg			7.0	19.0	1.0	T.	2.0	T.		29.0
Kasler			0.5	16.5	6.5	3.0	8.5			35.0
La Junta			0.7	17.5	3.0	T.				21.2
Lake Moraine	0.5	16.5	5.5	14.5	8.5	12.2	9.5	10.0	5.0	¹¹ 82.7
Lamar				14.0	2.0					16.0
La Porte			1.0	16.5	3.0	2.0	11.0	0.3		33.8
Las Animas				12.9	3.5	(*)	T.			
La Veta Pass		0.3	8.0	50.0	19.0	18.0	9.0	5.0	1.0	¹¹ 111.3
Lay	2.0	8.0	10.0	43.4	22.0	14.0	8.5	2.0		109.9
Leadville	0.4	29.3	8.7	20.5	7.7	18.0	15.6	5.2	(*)	
Le Roy (near)		2.0	1.0	17.8	3.8	T.	3.3			27.9
Limon (near)			T.	12.0			7.0			19.0
Long Branch			T.	8.5	1.0	T.	5.0			14.5
Longmont		T.	0.5	12.1	0.5	T.	3.8			16.9
Longs Peak (near)	T.	11.0	6.7	19.6	5.3	T.	6.5	T.	T.	49.1
Manitou		T.		5.0	T.	7.0	1.0			13.0

⁶ Trace in June, 1925.

¹⁰ Includes June, 1925: Auldhurst, 1.0; Buena Vista (near), 0.2; Cumbres, 2.2.

¹¹ Includes June, 1925: Fraser, 6.0; Fremont Experiment Station, 0.5; Garfield, 3.0; Hartsel, 1.0; Lake Moraine, 0.5; La Veta Pass, 0.5.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Colorado—Continued</i>										
Meeker (near).....	2.0	4.0	10.0	14.0	1.8	12.5	6.5			⁶ 50.8
Meza Verde Park.....		1.0	3.8	34.3	2.2	7.0	15.0	7.0		70.3
Montrose.....		2.2		18.0	5.5	5.5	1.0			32.2
Monument.....		3.0	2.5	15.8	3.5	3.0	13.0	2.5		43.3
Morrison (near).....			2.0	15.0	4.0	1.0	9.0			31.0
Nast.....	(*)	27.0	11.0	38.0	8.0	17.0	17.0	8.0		
North Lake.....		0.7	2.5	26.3	4.8	9.5	5.4	3.0		52.2
Norwood.....		T.	(*)	20.5	4.5	(*)	(*)	(*)	(*)	
Ordway.....			T.	12.0	3.0		T.			15.0
Palisade Lake.....		(*)	19.5	61.5	5.5	23.5	47.0	18.5		
Palisades.....			6.0	11.1	(*)		(*)			
Paonia.....			1.2	36.2	4.5	12.0	5.3	1.0		60.2
Pectz.....		T.	3.0	19.0	0.2		5.0	T.		27.2
Penrose.....			T.	9.5	3.2	5.0	5.2			22.9
Pitkin.....	0.3	11.9	9.2	33.4	10.6	20.6	16.8	7.5	0.3	¹² 112.5
Pueblo.....		T.	1.8	9.7	9.7	2.0	2.7			25.9
Pyramid.....	14.0	28.0	47.3	52.1	28.3	52.8	30.4	9.0		¹² 262.9
Rico.....		19.5	20.0	45.0	16.0	15.0	44.0	14.0		¹² 174.0
Rifle.....		1.0		21.8	3.6	5.5	(*)	0.8		
Rocky Ford (near).....			T.	12.0	2.5					14.5
Rugh Ranch.....				19.0	1.0	2.0	5.8	8.5		36.3
Rush.....			T.	8.2	0.5	1.0				9.7
Saguache.....	(*)	T.	4.3	5.1	0.1	T.	1.5		(*)	
Sapinero (near).....	5.0	25.0	18.0	71.0	18.5	30.0	38.0	15.0	T.	¹² 229.2
Savage Basin.....	5.2	49.0	41.0	90.0	32.0	49.0	53.0	32.0	20.0	371.2
Sedgwick.....			2.0	29.0	(*)		4.0	T.		
Shoshone.....			10.5	41.5	22.0	10.0	7.5	T.		91.5
Silver Lake.....	(*)	26.0	10.0	25.0	12.0	13.0	17.0	2.0	12.0	
Silverton (near).....	T.	13.5	24.0	58.0	5.0	25.0	42.0	15.0	T.	182.5
Simpson (near).....			T.	12.0	2.0		10.0			24.0
Spicer (near).....	7.0	21.0	13.5	15.0	11.0	4.0	4.0	T.		75.5
Springfield.....				14.0	10.0	5.0	5.0			34.0
Steamboat Springs.....	4.0	22.9	19.0	35.4	50.6	28.6	17.2	7.0	0.5	⁶ 185.2
Sterling.....			T.	14.3	T.		3.5			17.8
Tacoma.....			4.0	31.0	5.5	11.0	9.0	7.0		67.5
Telluride.....		18.0	16.0	50.5	17.0	15.0	27.0	17.0		160.5
Terminal Dam.....		1.0	5.0	44.6	4.5	12.0	26.0	20.0		113.1
Trinidad.....			3.0	22.5	10.0	10.0				45.5
Trout Lake.....	0.5	21.5	23.0	91.5	31.0	53.5	50.0	18.5	1.5	291.0
Two Buttes.....				7.5	1.8	T.	0.2			9.5
Uteville.....				12.0						12.0
Victor (near).....		7.2	7.0	4.0	1.7	8.5	9.2	0.5	0.2	38.3
Wagon Wheel Gap Experiment Station.....	T.	3.9	9.2	20.0	1.1	6.5	30.4	7.0	0.4	¹² 79.4
Waterdale.....			1.0	12.1	(*)	(*)	4.5			
Yuma.....	(*)	(*)	1.0	17.0	2.2	T.	6.0			
<i>Connecticut</i>										
Bridgeport.....			0.2	1.2	23.0	0.2		T.		24.6
Colchester.....			T.	1.0	20.0	T.	T.	T.		21.0
Cream Hill.....			6.1	3.5	30.5	5.2	2.5	0.5		48.3
Hartford.....			0.9	0.5	17.3	0.1	0.2	T.		19.0
New Haven.....			T.	1.1	22.3	T.	T.	T.		23.6
New London.....				0.5	16.0					16.5
Norwalk.....			0.2	2.5	23.0	1.0				26.7
Waterbury.....			2.0	0.9	17.6	T.	T.	T.		20.5
<i>Delaware</i>										
Dover.....			1.0	T.	8.5		T.			9.5
Millsboro.....			T.		6.0		T.			6.9
Wilmington.....			0.5	0.5	13.5	T.	T.			14.5
<i>District of Columbia</i>										
Washington.....			T.	0.5	18.0	T.	T.			18.5

⁶ Trace in June, 1925.¹² Includes June, 1925: Pitkin, 1.9; Pyramid, 1.0; Rico, 0.5; Sapinero (near), 6.7; Wagon Wheel Gap Experiment Station, 0.9.

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Florida</i> ¹³										
<i>Georgia</i>										
Albany										0.0
Athens										0.0
Atlanta										0.0
Augusta										0.0
Blue Ridge			T.			T.	1.5			1.5
Brunswick										0.0
Concord										0.0
Cornelia							T.			T.
Dahlonega					T.		0.1			0.1
Gainesville										0.0
Lisbon										0.0
Macon				T.						T.
Norcross										0.0
Rome						T.				T.
Savannah										0.0
Statesboro										0.0
Thomasville										0.0
Toccoa										0.0
Waycross										0.0
West Point										0.0
<i>Idaho</i>										
Aberdeen				9.0	2.5	0.5	T.	T.		12.0
Alpha	T.	5.5	13.0	22.0	38.5	19.8	11.5	(*)	(*)	
American Falls			T.	10.5	(*)	(*)	T.			
Arco	(*)	(*)	(*)	(*)	4.3	T.	(*)			
Argora	10.5	T.	1.5	11.5	15.0	11.0	(*)		(*)	
Ashton		3.0	1.0	34.0	53.0	9.0	5.0	8.0		113.0
Atlanta	T.	9.5	8.0	45.5	74.5	38.5	11.5	0.5		118.0
Avery		(*)	13.0	22.0	45.0	3.0	2.0			
Big Smoky	T.	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Blackfoot		T.	T.	16.0	8.0	1.0	5.0	3.0		33.0
Bliss		0.8	4.5	13.5	9.4	0.4	0.1			28.7
Bogus Creek	1.5	3.5	3.5	22.5	26.5	3.0	9.0	2.0		71.5
Boise			0.9	19.4	3.9	T.	1.5			25.7
Boatetter	0.8	17.0	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Boulder Mine		7.0	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Buhl		7.0	3.5	12.8	8.6	T.	1.0	T.		32.9
Burley			3.0	14.0	4.2	1.5	T.			22.7
Burley Factory	(*)	(*)	(*)	(*)	3.0	T.				
Caldwell			0.5	20.0	4.2					24.7
Challis	T.		2.0	6.0	6.0	0.2	4.5	T.		18.7
Chattin's Flat			1.0	13.0	T.		T.			14.0
Coeur d'Alene			10.5	17.0	23.2	2.0	T.			52.7
Council		T.	T.	17.0	29.0	4.0	5.5	T.		55.5
Cuprum		3.0	12.5	18.5	47.8	10.0	14.5	(*)	1.0	
Deer Flat	(*)	(*)	(*)	15.0	(*)	(*)	(*)	(*)		
Emmett				18.5	3.0					21.5
Fort Hall	T.	T.	0.2	10.5	5.8		2.0			18.5
Garden Valley			2.0	24.0	30.0	2.7				58.7
Geneva	1.0	5.0	4.0	18.0	19.0	7.0	10.0			64.0
Glenns Ferry			T.	11.0	8.0					19.0
Gooding		4.5	1.8	22.5	16.8	1.5	T.			47.1
Grace		2.0	3.5	17.5	6.0	8.0	3.0	T.		40.0
Grangeville			14.5	12.8	14.0	(*)	5.0	1.0	1.0	
Gray's Lake	(*)	(*)	(*)	(*)	20.4	9.7	9.8	4.0		
Grimes Pass	T.	6.7	5.0	35.9	49.1	18.9	9.1	5.1	T.	129.8
Hailey	T.	6.0	10.5	19.5	26.4	22.9	5.2	T.		90.5
Hawley Gulch	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Hazelton		T.	T.	15.5	7.8	2.0	1.0			26.3
Hill City		3.0	4.5	31.1	38.0	21.5	1.5	T.	(*)	
Hollister		7.0	6.0	10.5	5.2	2.5	2.5			33.7
Idaho City		1.8	4.2	29.0	53.2	19.0	3.8	2.5		113.5

¹³ No snowfall reported in the State this season.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Idaho—Continued</i>										
Idaho Falls	T.		1.5	18.2	7.2	1.0	T.	T.		27.9
Irwin		1.5	1.8	7.8	20.5	7.5	3.0	3.0		45.1
Kamah			2.3	18.6	7.3	T.			0.5	28.7
Kellogg			11.3	23.3	28.6		4.0			67.2
Kirkham			(*)	20.0	52.0	5.0	(*)	(*)		
Kooskia			3.0	11.8	4.5		T.		T.	19.3
Lapwai			0.2	15.5	0.8					16.5
Lemhi				10.5	(*)	1.0	(*)	(*)	(*)	
Lewiston			T.	2.7	T.					2.7
Lifton	T.	4.0	6.2	13.2	6.2	5.0	3.5	T.		38.1
Little Camas	T.	8.0	5.2	35.0	(*)	(*)	(*)	(*)	(*)	
Long Gulch		T.	7.0	(*)	(*)	(*)	(*)	(*)	(*)	
McCall	T.	6.0	8.2	31.0	42.0	14.0	16.0	(*)	T.	
Mackay	T.	T.	6.0	5.8	3.0	5.5	T.			20.3
Malad		1.0	3.3	19.9	20.0	1.2	2.8			48.2
Meridian			1.2	23.5	3.6	T.	0.2			28.5
Montevieu	T.	T.	1.0	12.1	3.2	1.0	T.	T.		17.3
Montpelier	(*)	(*)	4.0	(*)	(*)	(*)	(*)	(*)	(*)	
Moscow			14.0	12.1	16.1	T.	0.7			42.9
Mountainhome			(*)	13.0	(*)	T.	(*)			
Murphy	(*)	(*)	0.7	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Musselshell		(*)	34.5	(*)	(*)	(*)	(*)	(*)	(*)	(*)
New Meadows		0.5	5.8	21.7	36.5	7.7	10.5		0.5	83.2
Nezperce			10.0	13.0	16.0					39.0
Oakley		4.0	2.0	15.0	4.5	T.	1.0			26.5
Obsidian		13.5	12.5	17.0	27.1	21.8	19.2	16.5		127.6
Orofino			(*)	4.0	0.5					
Parma			0.5	23.0	4.5					28.0
Paul	(*)	(*)	(*)	(*)	3.5	2.0	T.	T.		(*)
Payette				25.0	(*)	(*)	(*)	(*)	(*)	
Peace Valley	0.3	(*)	(*)	(*)	12.5	(*)	(*)	(*)	(*)	
Pete King Ranger Station			4.0	12.8	37.0	(*)	5.5			
Pine			8.5	41.0	57.1	16.0	1.0			86.6
Pleasant Valley			2.0	12.4	7.4		1.2			23.0
Pocatello	0.2	T.	0.5	15.1	7.7	2.2	3.9	5.1		34.7
Porthill			2.5	22.0	27.0	2.0	1.5			56.0
Potlatch		T.	10.0	12.0	12.0		1.0			35.0
Preston	(*)	(*)	(*)	26.5	(*)	(*)	2.5			
Prichard			16.0	20.0	37.0		3.5			76.5
Priest River Experiment Station			9.8	23.0	40.1	11.0	3.7			87.6
Pyle Creek			2.5	23.5	39.4	2.5	T.	T.		67.9
Rice			5.0	16.0	53.0	19.5	7.0	28.0	(*)	
Richfield		(*)	(*)	(*)	(*)	5.5				
Rupert		T.	4.2	14.0	3.0	2.5	T.	T.		23.7
St. Maries			7.3	14.0	29.0		2.0			52.3
St. Michael's Monastery		1.3	17.9	14.4	41.0	6.6	10.7		3.7	95.6
Salmon	1.0	(*)	T.	(*)	(*)	(*)	T.			
Sandpoint			8.6	20.5	29.5	6.5	4.5			69.6
Sheep Hill	1.0	6.0	6.0	33.3	51.2	19.0	10.7	4.0		131.9
Shoshone			1.5	24.0	23.8	4.0	T.			53.3
Soldier Creek		8.0	10.9	34.3	58.5	36.3	6.3	9.5		*163.8
Spencer	(*)	4.0	8.0	21.0	19.3	17.5	15.0	11.5	(*)	
Springfield			T.	(*)	(*)	6.0	1.0	0.5	(*)	
Stanley	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Sugar			2.0	25.2	13.2	6.0	7.5			53.9
Tripod Mountain		1.5	2.7	20.1	32.4	4.0	6.0			66.7
Twin Falls		1.0	3.5	19.3	4.1	2.2	1.3	T.		31.4
Twin Falls Factory	(*)	(*)	(*)	(*)	2.5	0.2	T.	T.		
Wallace			21.8	21.2	46.6	5.5	4.4	T.		99.5
Warren	0.5	3.5	30.0	46.5	63.5	30.0	26.0	2.5	1.0	*208.3
Weiser			T.	17.0	10.5					27.5
Wendell		5.0	2.0	14.0	(*)	1.5	T.			

* Trace in June, 1925.

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

(Inches and tenths)

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Illinois</i>										
Aurora			T.	6.0	7.5	4.0	2.0	T.	T.	19.5
Bloomington			T.	6.5	4.8	3.5	5.8			20.6
Cairo			T.	2.5	3.4	T.	1.3			7.2
Charleston			0.2	4.4	6.0	3.0	4.6			18.2
Chicago			1.0	3.3	6.8	4.7	3.1			18.9
Decatur			T.	3.0	4.5	4.0	2.0		T.	18.5
Dixon			T.	4.7	5.3	2.2	1.9		T.	14.1
Du Quoin			0.5	2.4	3.5	2.0	0.4			8.8
Flora			0.8	3.5	6.3	0.3	T.			10.9
Freeport			0.2	5.0	2.5	4.5	7.0	T.	T.	19.2
Galva			0.6	5.6	9.3	2.3	1.0	2.0		20.8
Hillsboro			T.	1.1	2.9	0.2	1.0			5.2
Hoopeston			1.7	5.0	7.0	T.	2.5			16.2
Kankakee			T.	5.0	5.8	3.1	4.0	T.		17.9
La Harpe			T.	9.2	5.5	3.6	1.0			19.3
La Salle			0.6	5.0	3.9	1.1	1.8	0.4	T.	12.8
McLeansboro			2.0	3.0	4.2	4.0	T.			13.2
Marengo			1.6	3.4	4.8	4.0	1.5		T.	15.3
Mascoutah			1.0	4.0	8.5	2.0	T.			15.5
New Burnside			0.1	3.6	5.0	0.5	1.0	T.		10.2
Peoria			0.2	6.6	5.1	1.1	7.3			20.3
Pontiac			1.0	6.5	7.0	3.3	5.0	T.	T.	22.8
Rushville			T.	5.5	2.0	4.0	2.0			18.6
Springfield			T.	1.5	2.9	4.0	1.5			9.9
Urbana			T.	3.8	8.3	1.0	1.8			14.9
White Hall			T.	2.8	2.8	4.5	0.4			10.5
<i>Indiana</i>										
Angola			6.0	4.3	8.8	2.0	6.0		0.5	27.6
Bluffton			5.0	6.5	4.9	1.1	2.7			20.2
Butlerville			1.1	1.7	6.0	0.2	0.5			9.5
Cambridge City			1.0	4.0	0.8		2.0			7.8
Evansville			0.8	3.3	4.6	0.8	0.1			9.1
Fort Wayne			5.9	3.7	7.6	0.5	4.9		T.	22.6
Indianapolis			0.5	2.3	3.7	2.5	1.4	T.		10.4
Kokomo			4.0	6.0	11.0	T.	3.0	T.	T.	24.0
La Fayette			1.5	3.0	7.5	T.	2.5			14.5
Marion			4.0	4.0	7.5	6.0	3.0		T.	24.5
Mauzy			3.2	3.0	3.6	0.3	2.2	T.		12.3
Richmond			2.9	4.2	5.1	1.0	3.3			16.5
Royal Center			2.3	6.1	6.4	0.2	3.6	T.	T.	18.6
South Bend			3.9	3.1	4.3	1.0	4.0		T.	16.3
Terre Haute			1.5	5.7	3.1	1.5	4.0			15.8
Valparaiso			4.9	9.4	9.8	2.4	9.5		T.	36.0
<i>Iowa</i>										
Afton				8.0	3.0	1.0	(*)			
Alta			0.7	21.0	3.8	3.3	5.0	T.	T.	33.8
Belle Plaine			0.8	6.2	3.6	2.0	3.7			16.3
Belmond			0.5	9.9	5.7	5.3	3.9	0.5		25.8
Centerville			T.	4.1	1.8	0.7	0.2		T.	6.8
Charles City			T.	10.4	1.6	3.2	5.0	T.		20.2
Davenport			0.5	5.6	3.4	1.6	0.6	0.7		12.4
Denison			T.	9.0	6.0	1.5	4.0	T.	T.	20.5
Des Moines			0.3	4.3	2.5	0.4	2.6	T.		10.1
Dubuque			0.6	3.5	1.2	2.7	3.0		T.	11.0
Forest City			1.0	14.0	4.0	6.2	2.5		T.	27.7
Guthrie Center			T.	6.0	8.0	T.	5.0			19.0
Humboldt			T.	7.0	6.5	4.5	7.5			25.5
Independence			2.2	5.9	1.8	3.5	2.0			15.4
Indianola			T.	3.5	3.6	5.0	2.2			14.3
Inwood			4.0	19.3	6.8	2.4	2.0			34.5
Iowa City			1.5	5.5	3.5	2.2	1.0			13.7
Iowa Falls			2.0	7.2	2.4	4.5	7.5			23.6

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Iowa—Continued</i>										
Jefferson.....			T.	5.0	7.0	0.5	5.0	T.	T.	17.5
Keokuk.....			T.	7.8	5.6	6.7	0.6			20.7
Little Sioux.....			T.	9.7	5.9	(*)	5.5			37.3
Marshalltown.....			0.5	5.3	2.6	2.0	5.1		T.	15.5
Mason City.....			1.0	9.0	3.0	7.5	6.0			26.5
Milford (near).....			1.0	13.0	8.3	9.0	6.0	T.		37.3
Mount Ayr.....			T.	5.1	3.1	2.3	2.0			12.5
Mount Pleasant.....				3.6	6.0	1.5	0.5		T.	11.6
Oakland.....			T.	7.5	8.0	(*)	2.0			20.0
Oskaloosa.....			T.	7.9	3.7	1.2	4.1			16.9
Postville.....			T.	7.5	1.5	4.0	6.0			19.0
Sioux City.....			0.2	18.5	7.5	1.2	3.0			30.4
Thurman.....			0.5	7.5	8.5	T.	1.5			18.0
Waterloo.....			1.0	4.5	0.8	3.4	5.0			14.7
<i>Kansas</i>										
Burlington.....				10.5	2.0		1.0			13.5
Colby.....			1.5	18.0	3.0	T.	3.0			25.5
Columbus.....			T.	4.5	5.4	0.2	T.			10.1
Concordia.....			T.	7.0	1.8	0.4	0.2			9.4
Dodge City.....			T.	7.6	0.9	T.	0.9			9.4
Garden City.....				16.0	T.	3.0				19.0
Grenola.....				3.0	4.5	T.				7.5
Horton (near).....			1.0	6.5	1.5	0.2	0.2			9.4
Hutchinson.....			T.	9.0	9.4	(*)	0.5			20.0
Independence.....			T.	3.0	3.0	1.0	T.			7.0
Iola.....			T.	2.6	9.0	T.	0.4			12.0
Lakin.....				10.2	6.0	4.0	T.			20.2
Liberal.....				4.0	3.0		(*)			7.0
McPherson.....			0.4	10.5	2.2	T.	2.7			15.8
Manhattan.....			T.	5.5	4.5	0.8	0.5			11.3
Marion.....				6.8	7.2	T.	1.2			15.2
Medicine Lodge.....				3.2	8.8					12.0
Minneapolis.....				4.0	6.0	T.				10.0
Oketo.....			0.2	2.7	1.9	0.4	1.0			6.2
Phillipsburg.....			0.5	11.0	1.5	1.2	1.0			15.2
Richfield.....				10.6	3.0	1.0	1.0			15.6
St. Francis.....			2.2	19.6	0.2	T.	8.5			30.5
Sedan.....				9.5	3.0	T.				12.5
Topeka.....			0.1	9.1	2.1	1.5	2.6			15.4
Wakeeney.....			1.0	13.0	2.0	3.0	T.			19.0
Wellington.....			T.	3.2	6.8					10.0
Wichita.....			0.1	5.6	9.0	T.				14.7
<i>Kentucky</i>										
Beattyville.....			T.	T.	5.0	0.5	0.5			6.0
Berea.....			T.	1.0	4.3	1.2	1.0			7.5
Blandville.....			T.	1.1	2.5	0.1	1.5			5.2
Bowling Green.....				0.5	2.0	T.	1.5			4.0
Calhoun.....			T.	2.0	3.0	0.5	0.2			5.7
Earlington.....				1.5	3.0	T.	T.			4.5
Eubank.....				T.	4.0	T.				4.0
Frankfort.....			T.	0.8	5.0	1.0	0.2		T.	7.0
Greensburg.....			T.	T.	2.2	0.5	1.0			3.7
Hopkinsville.....			T.	0.2	2.5	T.	T.			2.7
Junction City.....			T.	0.2	5.5	1.5	1.0			8.2
Lexington.....				1.8	5.1	1.5	0.3		T.	8.7
Louisville.....			0.2	3.7	6.0	0.3	0.4			10.6
Maysville.....				0.5	4.5	1.5				6.5
Mount Sterling.....				1.5	4.2	2.5	0.5			8.7
Owensboro.....			T.	1.0	3.0	0.5	T.			4.5
Saint John.....			T.	1.0	6.0	0.1	0.2			7.3
Scott.....			0.8	2.0	7.5	0.5	0.2			11.0
Taylorsville.....			T.	0.8	4.0	1.0	0.2	T.	T.	6.0
Williamsburg.....			T.	T.	3.5	0.5	1.0			5.0

SNOWFALL, 1924-1925

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Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Louisiana</i> ¹⁴										
Calhoun					T.					T.
Plain Dealing					0.3					0.3
Shreveport				T.						T.
<i>Maine</i>										
Eastport		T.	4.9	5.5	15.9	5.0	11.3	4.4	T.	47.0
Farmington		T.	8.5	9.5	33.5	9.0	19.0	4.0		83.5
Gardiner			11.0	11.0	36.0	11.5	15.0	10.0		94.5
Greenville		0.5	9.6	11.0	29.5	14.0	23.8	7.0		95.4
Houlton			9.0	9.5	28.3	4.7	10.8	(*)		
Lewiston			7.5	8.5	33.6	11.2	13.0	12.0		85.8
Madison			8.5	9.5	30.8	8.2	15.2	4.4		76.6
Millinocket			13.5	12.2	31.8	6.0	9.8	2.0		75.3
North Bridgton		T.	7.5	8.0	40.0	13.0	23.0	14.0		105.5
Oldtown			7.2	6.0	25.0	4.5	7.5	6.0		56.2
Portland		T.	1.8	3.3	31.9	7.0	2.3	10.7	T.	57.0
Rumford		T.	7.5	7.6	34.4	11.1	23.5	6.5		90.6
Van Buren		2.0	8.0	20.0	33.5	21.4	29.2	4.5		118.6
Winslow		T.	10.5	4.0	25.0	6.5	12.0	5.0		63.0
Woodland		T.	7.0	6.0	28.0	5.0	13.5	3.2		62.7
<i>Maryland</i>										
Baltimore (U. S. W. B.)			0.2	T.	18.7	T.	0.3			19.2
Cecilton			0.5	T.	6.3		T.			6.8
Clear Spring (a)			2.5	T.	30.1	T.	T.			32.6
Frederick			1.6	T.	30.3	T.	0.1	T.		32.0
Freeland			2.5	T.	34.7		T.			37.2
Grantsville			9.0	3.0	32.5	2.0	3.0	4.5	2.0	56.0
Oakland			9.6	4.8	29.7	2.0	6.3	3.5	2.5	58.4
Princess Anne					3.2		T.			3.2
Ridgely			T.		9.7		T.			9.7
Solomons				T.	6.2		T.			6.2
Western Port			4.5	0.5	32.5	T.	T.			37.5
<i>Massachusetts</i>										
Amherst			9.0	3.0	22.0	3.2	1.0	0.8		39.0
Blue Hill			1.3	0.9	28.0	1.0	1.2	3.3		35.7
Boston			0.5	0.2	20.7	T.	T.	T.		21.4
Clinton			9.8	0.2	23.8	T.	0.2	5.0		39.0
Concord			2.0	0.2	22.1	0.1	T.	3.6		28.0
Fall River				0.8	20.0	0.8	2.0	T.		23.6
Fitchburg			11.0	2.5	24.5	0.9	0.2	5.2		44.3
Framingham			2.0	0.8	24.8	0.2		1.8		29.6
Lawrence			3.5	0.8	24.8	0.5	0.5	2.5		32.6
Nantucket				4.5	11.7	T.		0.4		16.6
Plymouth			T.	T.	17.5	(*)		T.		
Provincetown				T.	9.0	T.		T.		9.0
Rockport			T.	T.	9.5	0.5				10.0
Williamstown			5.3	8.6	23.8	12.7	0.9	2.5		53.8
Worcester			10.9	1.1	22.2	0.7	1.4	5.5		41.8
<i>Michigan</i>										
Adrian			1.2	4.5	13.5	T.	8.5		T.	27.7
Alma			1.5	5.5	10.5	6.5	17.0		T.	41.0
Alpena			3.9	5.9	12.7	7.4	9.7	3.2	0.3	43.1
Ann Arbor			1.5	5.9	8.5	1.6	3.0		T.	20.5
Battle Creek			2.0	8.0	8.5	3.5	5.5		T.	27.5
Big Rapids		T.	2.7	7.4	6.7	5.8	5.6		0.3	23.5
Cadillac			8.6	6.8	8.7	6.6	5.8	0.2		36.7
Calumet			17.2	44.0	17.0	11.0	6.0		T.	95.2
Croton			3.0	7.5	9.0	4.5	15.5			39.5
Detroit			1.0	7.4	10.5	2.7	8.4		T.	30.0

¹⁴ No stations in Louisiana save those named reported snowfall during the season of 1924-25.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Missouri—Continued</i>										
Jackson			0.5	2.5	6.0	0.5	1.0			10.5
Kansas City			0.2	7.1	2.4	1.2	2.2			13.1
Kidder			2.5	6.5	3.0	1.0	2.0			15.0
Kirksville			T.	7.5	2.3	2.0	T.			11.8
Koshkonong				2.0	6.0	T.	0.5			8.5
Lebanon			T.	3.5	4.5	1.5	1.5			11.0
Lexington			1.5	9.3	1.5	1.0	1.5			14.8
Macon				6.0	1.4	1.5	0.8			9.7
Marshall			2.0	6.1	3.5	3.1	1.0			15.7
Maryville			1.0	6.0	7.0					14.0
Mexico			1.0	9.5	5.7	3.7	2.0			21.9
Neosho				3.0	4.0	T.	T.			7.0
Nevada				3.8	4.0	T.	0.5			8.3
New Madrid				0.5	2.0		1.0			3.5
Poplar Bluff				1.5	3.0	T.				4.5
Rolla			0.2	3.5	5.4	3.5	1.0			13.6
St. Catharine			T.	11.5	2.2	2.5	1.0			17.2
St. Charles			2.0	4.5	5.5	2.5				14.5
St. Joseph			1.0	5.6	2.5	0.7	0.4			10.2
St. Louis (Weather Bureau)			1.1	2.1	4.9	3.4	T.			11.5
Seligman			T.	T.	3.8	0.5	0.5			4.8
Springfield			T.	1.0	7.8	1.0	1.8			11.6
Tarkio			2.0	6.2	7.0	0.5	0.5			16.2
Trenton			T.	4.5	2.0	0.5	0.5			7.5
Unionville			T.	3.5	1.0	2.0	T.			6.5
Warrensburg			T.	5.1	5.5	T.	1.5			12.1
Warsaw			1.5	3.5	6.5	1.0	1.0			13.5
<i>Montana</i>										
Adel	8.0	22.0	21.0	12.0	9.0	9.0	23.0	34.0	3.0	¹⁵ 143.0
Anaconda	3.0	1.3	9.0	11.4	6.9	4.7	10.6	4.4	T.	51.3
Augusta		4.0	15.5	13.7	10.5	11.0	13.5	2.5	2.0	¹⁵ 73.2
Ballantine		T.	2.2	5.0	5.4	6.5	12.6			31.7
Belton	(*)	(*)	24.0	53.2	63.3	12.5	16.5	(*)	(*)	
Biddle			6.0	9.5	(*)	(*)	(*)			
Big Ox		2.0	10.0	7.0	10.0	6.0	7.0	5.0		47.0
Brenner	3.1	15.0	4.1	23.1	24.9	10.3	14.6	6.8	6.6	¹⁵ 112.6
Browning	T.	T.	21.0	37.0	11.5	3.5	15.5	11.0	T.	99.5
Busteed	T.	4.2	4.7	7.5	6.5	6.0	5.6	0.2		34.7
Butte	T.	6.9	10.5	6.7	9.0	0.2	5.8	(*)	6.0	
Canyon Ferry			4.1	7.0	5.0	5.5	3.0		(*)	
Cascade	2.0	2.2	15.0	13.1	11.4	5.7	6.4	(*)	T.	
Columbia Falls			10.0	34.5	18.8	2.0	12.5			77.8
Courad			19.5	22.0	8.0	6.0	20.0			75.5
Copper	8.0	8.0	9.0	16.5	12.0	11.0	8.5	7.0	1.0	81.0
Crow Agency			12.0	7.0	12.5	15.0				46.5
Culbertson		0.7	1.5	3.1	1.6	1.5	5.5			13.9
Cut Bank			7.7	30.0	6.0	2.5	13.0	4.0		63.2
Denton	T.	(*)	4.0	17.7	11.0	9.0	16.0	T.	T.	
Dillon	T.	1.0	T.	12.8	12.5	T.	7.8	2.0	T.	36.1
Dunkirk	T.	T.	7.5	13.8	5.0	3.5	8.5			38.3
Findon	2.0	4.8	8.8	23.0	25.8	11.7	17.5	1.6	T.	95.2
Flathead Creek	0.8	4.0	8.5	4.5	6.0	8.5	(*)	1.5		
Flatwillow	T.	2.1	3.5	14.0	6.4	11.5	16.0		2.0	55.5
Fortine			18.0	26.9	20.5	2.0	5.5	(*)		
Fort Shaw			5.0	2.0	4.0	T.	10.0			21.0
Frazer		5.2	1.9	11.2	4.5	3.8	10.1			36.7
Garland		T.	2.0	11.4	4.9	6.1	10.5			34.9
Geraldine	6.0	0.5	6.5	13.5	8.5	7.5	16.5	5.5		¹⁶ 65.5
Glasgow		11.5	2.4	10.0	3.9	4.9	13.9			46.6
Glendive		T.	3.2	7.5	T.	1.3	9.3			21.3
Goldbutte			7.0	17.5	2.7	3.5	6.0	(*)	T.	
Great Falls	T.	T.	9.8	7.0	4.8	6.5	14.3	(*)	T.	
Haugan			29.7	24.3	47.5	5.9	0.5			107.9
Havre		1.1	6.7	11.2	3.8	5.4	6.0	0.2		34.4
Hays			5.2	19.0	8.2	7.0	11.0			50.4
Hebgen Dam	11.0	18.5	31.0	32.5	46.8	28.5	17.0	9.5	3.0	197.8

* Includes June, 1925: Adel, 2.0; Augusta, 6.5; Brenner, 4.1; Geraldine, 1.0.

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Montana—Continued</i>										
Helena	T.	0.8	6.2	8.4	4.9	3.5	9.1	3.3	2.4	38.6
Heron			(*)	21.2	43.0	(*)	5.5			
Highwood	3.0	1.5	12.0	17.0	9.5	8.0	18.0	6.0		¹⁶ 77.0
Hobson	1.0	T.	3.0	6.7	11.0	10.7	17.0	0.2	T.	49.6
Kalispell	T.		5.6	25.0	6.6	0.6	4.7	T.		42.5
Kenilworth			9.0	7.0	(*)	(*)	4.0	T.		
Kinread			5.5	4.7	7.5	(*)	(*)	T.		
Knowlton		1.0	2.0	9.0	2.0	6.0	5.0			25.0
Libby			11.0	20.5	19.5	5.0	2.0			53.0
Livingston			7.0	20.0	7.0	2.5	14.0	1.0		51.5
Lothair			8.2	8.2	3.0	4.5	6.2	0.5		30.6
Lustre		6.0	5.0	14.1	10.3	(*)	9.4	(*)	(*)	
Lytle		T.	9.8	13.8	4.5	4.5	9.5	0.5		42.6
Malta		0.5	1.5	10.0	5.7	3.3	8.4			29.4
Mildred		T.	T.	3.0	0.5	T.	3.0			6.5
Miles City		T.	1.1	10.0	4.9	2.5	7.5			26.0
Minneota	T.		12.7	16.1	8.8	7.0	6.6	(*)	T.	
Missoula			10.7	12.2	5.3	1.0	2.6	T.		31.8
Norris	2.0	8.0	6.0	6.5	7.7	2.7	12.0	4.0		48.9
Outlook		(*)	6.2	9.0	0.8	1.3	13.2	0.7		
Paxton		2.0	2.0	8.0	4.5	1.7	12.0			30.2
Philipsburg	T.	6.0	3.5	10.0	15.0	4.0	6.0	22.5	0.5	¹⁶ 63.5
Pipestone Dam	T.	4.0	7.5	7.0	13.0	1.6	11.8	24.8		69.7
Pievna	T.	2.7	2.9	10.1	1.2	1.1	6.1			24.1
Red Lodge	4.0	4.5	9.0	9.5	3.0	7.5	17.0	19.0	1.0	74.5
Renova		T.	T.	4.5	3.5		3.5		T.	11.5
Rock Springs		2.5	5.9	9.6	7.8	5.0	12.8			43.6
St. Ignatius		-	14.2	12.7	8.5	T.	6.0	(*)		
Savage			1.0	5.0	0.5	T.	10.0			16.5
Snowbelt		6.5	5.4	12.2	1.9	5.2	12.1			43.3
Springbrook	T.	T.	6.0	20.0	4.0	2.5	13.7			46.2
Stevensville			7.0	1.5	4.6	T.	0.5	(*)		
Sunset Orchard			11.0	T.	3.0	1.0	2.5	3.0		20.5
Thompson Falls			5.0	10.5	(*)		(*)	(*)		
Trout Creek			9.0	19.2	27.2	1.5	3.1	(*)		
Upper Yaak River			13.6	23.4	26.8	12.0	6.3	0.5		82.6
Valler	T.	T.	18.0	16.2	7.0	5.5	16.5	14.0		77.2
Victor			7.0	3.2	8.0		1.3			19.5
Virginia City	7.5	6.0	10.0	6.0	28.0	7.0	13.0	7.5	1.0	¹⁶ 87.0
Wheaton		3.5	3.3	10.0	6.5	8.5	27.0		2.0	60.8
White Water		T.	3.0	7.0	3.3	1.5	5.0			19.8
Winifred	T.	T.	4.5	6.0	2.6	6.5	5.0			24.6
<i>Nebraska</i>										
Ainsworth			4.0	22.0	8.0	4.0	2.5			40.5
Albion			1.0	22.0	7.0	1.0	4.0			35.0
Auburn			3.0	11.0	4.5	1.3	1.5			21.3
Beatrice			T.	8.0	7.5	0.5	0.5			16.5
Beaver City			2.0	23.0	T.	T.	8.0			33.0
Broken Bow			0.5	19.5	4.0	1.5	5.5			31.0
Central City			T.	20.5	3.0	T.	6.2			29.7
Chadron			4.7	10.6	5.0	5.9	4.5	T.	T.	30.7
Columbus			0.2	17.5	2.0	0.2	7.0			26.9
Culbertson			1.0	32.5	T.	1.0	7.0			41.5
Curtis			3.0	21.5	3.4	1.0	7.0			35.9
Drexel			0.3	11.3	9.1	2.3	9.5			32.5
Dumas			2.2	17.0	6.0	4.0	3.5			32.7
Fairbury			0.8	6.8	2.6	0.9	1.5			12.6
Geneva			0.5	12.0	2.2	0.2	2.5			17.4
Gordon	T.	T.	9.0	13.0	2.0	4.5	1.5	T.		30.0
Gosper			0.5	17.5	1.0	1.0	4.0			24.0
Halsey			T.	24.3	0.5	1.5	4.0			30.3
Hartington			2.0	23.5	10.5	1.0	4.5			41.5
Hay Springs	T.	2.5	11.0	13.5	7.0	8.0	4.5	T.	T.	46.5
Holdrege			T.	20.0	2.0	4.0	6.0			32.0
Imperial		T.	4.2	35.0	2.5	T.	5.0			46.7

¹⁶ Includes June, 1925: Highwood, 2.0; Philipsburg, 1.0; Virginia City, 1.0.

Monthly and seasonal snowfall, 1924-25—Continued

(Inches and tenths)

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Nebraska—Continued</i>										
Lincoln			0.7	8.5	7.2	1.5	2.6			20.5
Minden			0.4	20.5	0.5	2.5	4.0			27.9
Menzel			6.5	16.7	1.8	2.0	1.0		1.0	29.0
North Loup			0.2	28.1	0.4	3.2	9.2			41.1
North Platte			0.8	16.0	0.7	1.1	1.8	T.		20.4
Oakdale			0.6	18.5	2.5	2.2	5.2			29.0
Omaha			0.2	6.0	9.0	1.0	5.8			22.0
O'Neill			1.5	29.0	6.0	2.0	3.0			41.5
Oshkosh			3.5	20.0	0.5	0.5	3.0			27.5
Pawnee City			1.0	5.0	4.2	1.2	0.8			12.2
Ravenna			1.0	23.4	1.5	0.2	6.6			32.7
Scottsbluff			0.6	8.7	0.5	0.5	1.5			11.8
Sidney		2.0	7.4	18.8	1.3	T.	2.5			32.0
Stanton			1.0	15.7	7.5	3.0	8.0			35.2
Valentine			5.5	20.8	7.7	3.2	2.4	0.2	T.	39.8
Wakefield			0.2	14.5	8.5	1.0	4.0			28.2
West Point			T.	21.0	7.0	5.0	4.0			37.0
<i>Nevada</i>										
Alamo				2.0			T.			2.0
Arthur		7.3	12.9	50.0	27.2	6.7	15.6	14.4		134.1
Austin		3.0	6.0	25.0	1.5	1.8	14.5	37.5		89.9
Battle Mountain				12.2	4.5	T.	T.	T.		16.7
Beatty				1.0			T.			1.0
Beowawe		1.0	3.0	7.5	(*)		2.0			
Carson City		2.0	1.5	7.0	1.0	10.5				22.0
Clover Valley		2.0	5.0	11.0	(*)		(*)	6.0		
Elko		T.	5.0	26.0	10.0		(*)	19.0		
Eureka		14.0	5.1	34.0	11.5	12.0	4.5	17.0		17 99.1
Fallon		2.0		T.			7.0			9.0
Gerlach			(*)	12.0			1.0			
Golconda		(*)		10.0	1.5		7.0	T.		
Gold Creek		11.0	8.5	(*)	(*)	(*)	(*)	(*)	(*)	
Goldfield				2.5	2.0	0.8	3.0	5.0		13.3
Hylton		1.0	2.0	24.5	3.0	5.0	8.0	20.0		17 65.5
Imlay				11.0	T.		7.0			18.0
Jungo	T.	T.		13.0	0.1		T.	(*)	(*)	
Lahontan		0.8		3.2			(*)			
Lamoille	T.	7.0	11.0	29.0	18.5	3.5	9.8	22.5		6 101.3
Las Vegas										0.0
Logandale										0.0
Lovelock				6.0			7.5			13.5
McGill		4.5	3.3	14.9	1.5	3.2	7.9	6.6		41.9
Mahoney Ranger Station	0.4	8.8	12.5	19.0	14.8	13.2	12.2	15.6		96.5
Millett		T.	3.0	2.0				T.		5.0
Mina				3.0	1.0		8.0	12.0		24.0
Minden			T.	10.0		11.6				21.6
Montello		0.5	T.	15.0	0.5	0.8	0.2	4.0		21.0
North Fork	T.	4.0	8.5	13.0	7.0	7.0	8.0	12.0		59.5
Orovada		T.	T.	13.0	5.0		2.0	6.0		26.0
Owyhee		26.6	12.0	25.0	11.0	5.2	(*)	(*)	(*)	
Pahrump				T.				(*)		
Paradise Valley		T.	T.	13.0	6.5	3.0	6.0			28.5
Quinn River Ranch	(*)	(*)	2.0	9.8	3.5	T.	2.0		(*)	
Reno		3.8	T.	8.9	1.5	0.4	3.6	0.9		14.1
Rye Patch		T.	T.	2.2	2.5	0.5	3.0	1.0		9.2
Sand Pass		T.		7.0	1.5	T.	4.0	T.		12.5
San Jacinto	T.	6.5	4.0	12.1	5.0	1.9	5.0	8.5		43.0
Schurz		T.		4.5			3.0	4.5		12.0
Searchlight				3.0	T.			T.		3.0
Sharp			3.0	9.0	T.		6.0	4.0		22.0
Smith				6.0	T.	0.5	4.0	6.5		17.0
Sulphur				8.0	1.5	T.	1.0	T.		10.5
Thorne				3.5						3.5
Tonopah			T.	3.0				(*)		
Tuscarora (near)		10.0	8.0	34.0	19.0	13.0	20.3	9.2		113.5

* Trace in June, 1925.

† Includes June, 1925: Eureka, 1.0; Hylton, 2.0.

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Nevada—Continued</i>										
Vya.....	T.	T.	3.0	10.0	2.0	T.	6.0	(*)		
Winnemucca.....		0.2	0.6	13.9	2.5	0.1	9.4	0.2		26.9
Yerington.....				2.0	T.			T.		2.0
<i>New Hampshire</i>										
Berlin.....		0.2	7.8	5.9	37.5	15.3	21.8	8.2		96.7
Bethlehem.....		T.	6.0	5.0	19.0	12.0	17.0	15.0		74.0
Concord.....			4.3	4.1	22.9	6.9	4.5	11.2		53.9
Durham.....			4.5	2.0	38.8	4.0	(*)	7.5		
Franklin.....			4.2	4.8	25.0	9.0	9.5	15.0		67.5
Hanover.....		T.	5.3	6.0	29.8	13.6	16.5	21.9		93.1
Keene.....			6.2	7.0	24.4	12.0	1.5	6.5		57.6
Pittsburg (a).....		6.8	24.7	28.0	55.0	21.4	25.6	3.6		165.1
Plymouth.....			4.5	9.0	31.0	14.8	20.5	17.0		96.8
<i>New Jersey</i>										
Atlantic City.....			T.	T.	4.3	T.	T.			4.3
Bridgeton.....			T.	T.	10.0					10.0
Cape May.....			T.	T.	5.2	T.	T.			5.2
Dover.....			5.0	0.5	34.5	0.5	T.	T.		40.5
Flemington.....			1.0	T.	35.0	T.	T.			36.0
Highwood.....			T.	0.3	33.5	1.5	T.	T.		35.3
Indian Mills.....			T.	T.	11.5	T.	T.			11.5
Layton.....			4.0	0.5	30.0	3.0	0.8	T.	T.	38.3
Long Branch.....			T.	0.3	15.8	T.	T.			16.1
Newton.....			5.0	1.6	35.0	2.0	4.0	T.		47.6
Plainfield.....			0.7	1.1	33.6	0.5	T.			35.9
Sandy Hook.....			T.	0.3	16.3	0.2	T.			16.8
Trenton.....			T.	0.8	18.5	0.2	T.			19.5
<i>New Mexico</i>										
Abbott.....				5.0	3.0	2.0	T.	T.		10.0
Agricultural College.....				0.6						0.6
Albuquerque.....				5.2	6.5	T.	T.			11.7
Alma.....				1.0	2.0	0.1				3.1
Ancho.....			1.0	8.5	5.5	T.				15.0
Aragon.....				11.0	2.0	T.		1.0		14.0
Aspen Grove Ranch.....		6.0	6.0	51.0	5.0	10.0	18.0	1.0		97.0
Aurora.....		4.5	2.5	21.0	9.5	2.0	3.5			43.0
Barton.....				17.0	6.5	2.5		2.5		28.5
Batsman's Ranch.....		8.4	9.5	49.5	4.5	7.5	20.0	T.	1.5	100.9
Bell Ranch.....			T.	6.5	2.0	T.		1.0		9.5
Black Lake.....			T.	9.0	2.0	2.0	5.0			18.0
Black Rock.....				11.0	3.0	1.5	0.5	1.0		17.0
Bloomfield.....		T.	T.	15.0	0.5	0.5	T.	T.		16.0
Campans.....				9.0	0.5			T.		9.5
Capitan.....			T.	4.0	3.5	1.5		T.		9.0
Capulin Ranger Station.....		0.5	2.0	30.0	6.0	6.0	3.0			47.5
Carlsbad.....				3.0	0.7					3.7
Chacon.....		1.5	3.0	25.8	9.7	2.8	3.0			45.8
Chama.....		3.0	13.0	43.0	4.0	12.0	20.0	T.		95.0
Cimarron.....				15.0	8.8	2.0	1.0			26.8
Clayton.....				6.5	1.5	5.0				13.0
Clouderoft.....			3.0	13.9	12.0	4.0		T.		32.9
Cloverdale.....				2.0	1.0					3.0
Clovis.....				1.3	0.4			T.		1.7
Columbus.....				T.						T.
Corona.....			1.0	6.0	4.5	T.		T.		11.5
Chervo.....				8.0	4.5	1.0		T.		13.5
Dawson.....				6.0	1.8	3.0				10.8
Des Moines.....				10.5	2.0	8.5				21.0
Dulce.....		1.7	2.2	47.5	0.5	4.6	9.0	1.0		66.5
Duran.....				12.5	2.2	T.		1.0		15.7
Elephant Butte Dam.....				0.5						0.5
Elizabethtown.....	T.	2.5	2.2	31.8	8.5	12.0	3.5	T.		61.1

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>New Mexico—Continued</i>										
Elk (near)				5.0	3.0					8.0
Estancia				13.2	7.2	1.5		T.		21.9
Fort Bayard				1.1	3.6	0.2				4.9
Fort Stanton				3.2	1.0	T.		T.		4.2
Fort Sumner				11.0	1.5					12.5
Gameroo				10.0	1.5	2.3	1.2	0.8		15.8
Glorieta Ranch				2.0		1.0	(*)			
Hayden				6.0	2.0	0.5		T.		8.5
Haynes			5.0	17.0	2.0	3.5	5.0			32.5
Hermosa				T.	1.0	T.				1.0
Hobbs				4.0	2.5					6.5
Hope				2.5	3.5					6.0
Jal					0.2					0.2
Jemez Springs				20.8	5.5	1.9	T.			28.2
Las Vegas			T.	12.1	4.9	T.		T.		17.0
Lordsburg				1.0						1.0
Los Lunas (near)				5.2	4.0					9.2
Maxwell (near)			T.	10.0	T.	1.5				11.5
Miami				7.5	3.5	2.5	T.			13.5
Miller-Thorne Ranch				3.0	(*)					
Mills				4.0	0.5	1.0	T.			5.5
Montoya				5.0	3.5	0.5	T.	2.0		11.0
Mosquero			T.	5.0	2.0					7.0
Newman					2.5					2.5
Nogal (near)			1.0	14.0	5.5	1.0		1.0		22.5
Palma			T.	14.0	8.0	T.		1.0		23.0
Palo Verde			T.	5.5	2.2	1.0	0.5	T.		9.2
Pastura			T.	7.0	5.5	1.0		T.		13.5
Pinos Altos (near)			0.5	19.5	12.0	3.0	0.5	0.5		36.0
Plainview (near)				2.5	5.1					7.6
Portales				3.8	T.			T.		3.8
Porter			T.	8.0	3.0			T.		11.0
Quay			T.	7.0	6.0		T.			13.0
Raton (near)			T.	7.0	6.0	6.0				19.0
Red River Canyon	5.0	6.0	6.0	66.0	12.0	20.0	16.0	1.0	T.	126.0
Regina	3.0	2.0	2.0	36.0	2.0	3.0	3.5			49.5
Richland (near)				2.0	3.5					5.5
Roswell				3.4	4.3					7.7
Roy				7.5	1.5		T.			9.0
San Fidel				3.2	4.0					7.2
Santa Fe		T.	T.	20.0	5.7	1.2	T.	T.		26.9
Santa Rosa				3.5	3.2	T.		T.		6.7
Senorito (near)		4.0	2.5	39.5	2.4	11.0	1.8			61.2
Socorro				1.0	1.5					2.5
Solano				3.0	1.5	T.				4.5
Tajique (near)		0.5	(*)	27.2	11.3	3.3	0.5			
Taos Canyon		3.0	4.5	46.0	9.5	9.0	8.0	T.		80.0
Tres Piedras		0.9	0.4	25.2	2.0	3.5	2.0	1.0		35.0
Truchas		1.0	1.7	18.0	10.0	5.0	3.0	1.0		39.7
Tucumcari (No. 1)				6.0	4.9			0.5		11.4
Tularosa				3.0						3.0
Weed Ranger Station				8.3	6.6	T.		T.		14.9
White Tail			T.	17.5	8.5	4.0		T.		30.0
Winsor's Ranch			2.0	31.0	10.0	3.0	3.5			49.5
<i>New York</i>										
Addison			3.8	0.8	29.4	2.0	3.1	T.	1.0	40.1
Albany			2.9	4.4	26.6	6.3	1.5	0.4		42.1
Auburn		T.	6.9	12.1	54.7	14.4	12.2	T.	T.	100.3
Ballston Lake			3.0	10.0	31.2	12.0	9.0	4.0		69.2
Binghamton		T.	2.2	2.7	36.5	4.6	6.9	1.0	T.	53.9
Bolivar			8.5	13.0	35.5	3.5	5.0	T.	T.	65.5
Brockport		T.	1.9	19.9	33.0	8.5	3.5	1.5	T.	68.3
Buffalo		T.	13.2	26.3	19.2	9.2	4.7	0.3	T.	72.9
Canton		T.	8.7	9.2	29.3	10.3	12.1	6.3	0.7	76.6
Cortland		T.	3.0	6.5	33.5	9.7	7.2	T.	3.0	62.9
Dannemora		T.	8.3	8.6	27.1	14.9	16.9	8.7	T.	84.5
Elmira			1.0	2.5	36.1	6.5	3.5	1.0	1.5	52.1

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>New York—Continued</i>										
Fredonia.....			13.8	26.1	15.3	6.8	3.0	0.4	0.2	65.6
Gabriels.....		T.	(*)	10.5	62.5	14.2	8.5	6.0	T.	-----
Geneva.....			3.6	(*)	46.2	6.8	0.5	T.		-----
Glens Falls.....			1.5	7.5	35.5	11.0	10.5	11.0		77.0
Gloversville.....			3.5	12.5	43.0	18.5	10.8	8.8	T.	97.1
Hudson.....			4.5	(*)	35.0	3.0	2.0	T.		-----
Ithaca.....		T.	2.5	4.0	36.4	7.4	9.0	1.5	0.5	61.3
Jeffersonville.....			4.0	6.0	23.0	2.5	2.0	T.		37.5
Lauterbrunnen.....		T.	2.6	6.4	47.3	4.0	T.	T.	T.	60.3
Little Falls (No. 1).....			6.0	13.5	47.5	12.0	10.0	1.5		90.5
Lockport.....			2.8	13.0	21.0	6.5	2.0	1.0	T.	46.3
Lowville.....		T.	3.5	24.8	42.2	16.8	19.7	14.5		121.5
Medford.....			0.2	1.1	12.7	T.	T.	T.		14.0
Molra.....		T.	4.0	13.0	43.0	14.0	5.0	15.0	T.	94.0
Mount Vernon.....			T.	0.4	32.3	0.8	T.	T.		33.5
New Berlin.....			(*)	17.0	34.0	(*)	(*)	T.		-----
New York.....			T.	0.9	26.2	0.8	T.	T.		27.9
North Lake.....		T.	12.5	29.4	61.2	37.0	25.8	24.0	1.0	190.9
Norwich.....			4.5	9.2	47.7	12.0	8.5	T.	2.0	83.9
Oswego.....		T.	10.6	22.4	39.3	29.1	7.9	4.5	T.	113.8
Port Jervis.....			2.0	(*)	23.4	3.0	1.0			-----
Rhinebeck.....			3.8	4.2	26.0	4.9	1.9	T.		40.8
Rochester.....		T.	1.1	14.7	34.0	6.4	3.6	1.0	T.	60.8
Roxbury.....		T.	5.8	8.0	34.2	13.0	9.8	1.0	(*)	-----
Setauket.....			T.	1.2	20.5	T.	T.	T.		21.7
Syracuse.....		T.	8.5	11.3	50.5	12.3	7.5	1.6	T.	91.7
Walden.....			4.2	1.4	18.2	2.2	1.0	T.		27.0
Warwick.....			3.0	1.5	37.0	5.0	3.0	T.		49.5
Watertown.....		T.	4.0	23.5	32.0	9.0	10.5	6.0	T.	85.0
West Berne.....			1.0	3.0	32.0	9.0	2.0	T.		47.0
West Point.....			1.5	1.2	22.5	(*)	T.	T.		-----
York.....		T.	2.2	9.4	36.3	5.6	0.2	0.5	T.	54.2
<i>North Carolina</i>										
Asheville.....		T.	T.	T.	T.	0.1	2.7			2.8
Banners Elk.....			0.5		1.0	1.0	9.5			12.0
Beaufort.....					T.					T.
Brewers.....			0.1		1.4	T.	1.5			3.0
Bryson City.....				T.			1.5			1.5
Charlotte.....					1.0		T.			1.0
Cullowhee.....			T.			T.	1.0			1.0
Elizabeth City.....			0.5	0.2	0.2					0.9
Elkin.....			T.	T.	T.		1.0			1.0
Fayetteville.....			T.	T.	1.0					1.0
Goldsboro.....			T.	T.	T.					T.
Greensboro.....					0.6					0.6
Hatteras.....							T.			T.
Hendersonville.....					T.		2.5			2.5
Hickory.....					0.4		0.7			1.1
Hot Springs.....			1.0	T.	T.	2.0	5.0			8.0
Jefferson.....			1.1	T.	2.0	T.	2.8			5.9
Lenoir.....			0.1		0.5		1.0			1.6
Lumberton.....					0.3					0.3
Marion.....					(*)		1.0			-----
Moncure.....			T.		0.4					0.4
Montreat.....			T.	T.	T.	T.	6.2		T.	6.2
Newbern.....					0.5					0.5
Oxford.....			T.		0.7					0.7
Pinehurst.....					1.0					1.0
Raleigh.....			0.2		0.4					0.6
Rock House.....			T.		T.	T.	3.0			3.0
Rockingham.....				T.	1.0					1.0
Sloan.....			(*)		1.0					-----
Tarboro.....			0.5		1.0					1.5
Waynesville.....			T.				1.0			1.0
Weldon.....			1.0		0.5					1.5
Wenona.....			0.2	0.2	0.5					0.5

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>North Carolina—Continued</i>										
Willets (near)			0.2	T.	T.	T.	5.0	T.		5.2
Wilmington										0.0
Winston-Salem			T.	(*)	0.8					
<i>North Dakota</i>										
Amenia			2.0	3.0	1.0	12.0	2.0			20.0
Arnegard		T.	2.0	6.0	2.5	0.5	12.0			23.0
Ashley			T.	7.0	4.0	T.	2.0			13.0
Beach		7.0	0.2	5.4	0.8	T.	4.0			17.4
Berthold Agency			0.2	4.5	1.8	0.5	4.5			11.5
Bismarck			0.2	3.3	7.3	2.3	2.5	T.		15.6
Carson			1.2	6.5	3.6	0.8	2.4	T.		14.5
Cooperstown			3.0	6.0	3.5	7.5	4.0			24.0
Crosby		2.0	5.2	8.5	1.6	1.0	12.2	T.		20.5
Devils Lake			4.4	9.4	2.2	8.0	7.5	0.2	0.1	31.8
Dickinson		T.	1.2	7.8	5.0	1.7	3.5	T.		19.2
Dunn Center			T.	7.0	1.0	1.0	9.0	T.		18.0
Dunseith		T.	6.7	4.0	1.0	1.0	3.0	T.	0.5	16.2
Ellendale			1.4	8.5	7.4	0.5	2.5	T.	T.	20.3
Fessenden			0.9	4.8	0.8	5.1	3.0			14.6
Fryburg		T.	1.0	8.0	6.0	0.5	7.5	0.5		23.5
Fullerton			1.6	8.0	11.7	0.3	1.4		0.2	23.2
Grand Forks		T.	2.2	2.7	2.0	3.3	4.9		T.	15.1
Hannah			5.0	6.0	9.0	6.0	14.0		T.	40.0
Hettinger		T.		10.0	0.5		6.0			16.5
Hillsboro			1.0	1.0	0.5	7.0	5.0			14.5
Howard		5.8	7.0	10.5	3.5	T.	19.9	T.		46.7
Jamestown			0.2	4.0	2.0	5.8	2.2	T.		14.2
Lisbon			T.	2.0	T.	3.0	5.0			10.0
McClusky	T.		1.0	4.0	2.5	6.5	3.5	1.0	T.	18.5
McKinney			7.0	5.5	1.0	2.0	9.5	0.5		25.5
Maddock			1.4	2.8	0.4	1.9	2.3	T.		8.8
Minot			0.2	7.3		2.0	7.0			16.5
Mott			T.	8.0	5.5	0.5	4.5			18.5
Napoleon			0.5	5.0	3.0	3.5	5.5			17.5
New England			T.	1.5	0.8	T.	4.0			6.3
Park River			4.0	6.0	0.7	4.2	10.0			24.9
Pembina			10.0	4.0	5.0	2.0	16.0			37.0
Pettibone			1.5	5.0	1.0	7.0	6.0	0.5		21.0
Powers Lake		2.3	7.1	11.0	0.5	2.2	12.0			35.1
Valley City			T.	2.0	1.5	2.5	0.2	T.	T.	6.2
Williston		4.5	2.4	7.2	2.9	2.9	11.5	0.4		31.8
Willow City			4.5	10.0	5.0	5.5	7.7		T.	32.7
<i>Ohio</i>										
Akron			1.0	9.5	11.0	5.5	4.2	T.		31.2
Ashland			1.0	3.0	13.2	2.7	2.5		T.	22.4
Cadiz			7.1	5.4	24.6	8.2	2.3	T.	T.	47.6
Canfield			5.4	7.0	14.0	4.0	1.0			31.4
Canton			3.0	6.5	13.7	3.5	3.3	T.		30.0
Cincinnati (Abbe Observatory)			0.5	1.8	11.1	0.3	0.2			13.9
Cleveland (Weather Bureau)			2.4	5.6	12.6	2.1	2.4			25.1
Columbus			4.0	2.0	11.3	0.4	1.1	T.		18.8
Dayton (Weather Bureau)			1.9	2.0	8.9	0.2	0.4			13.4
Demos			9.2	3.3	17.6	6.8	0.6	1.0	T.	38.5
Dover			1.5	3.3	14.3	3.0	1.0	(*)		
Hiram			3.5	11.5	15.0	11.0	5.5		T.	46.5
Ironton			1.5	0.6	5.2	2.3	0.3		T.	9.9
McArthur			4.0	0.5	(*)	1.0	T.			
Marietta Experiment Farm			2.0	1.0	10.5	3.0	T.			16.5
Marion			3.5	5.5	16.1	3.0	2.0			30.1
Marysville			1.2	3.0	11.5	T.	T.			15.7
Millfordton		T.	4.5	2.5	11.5	T.	6.3			18.8
Millersburg			1.0	2.0	16.2	2.0	0.7			21.9

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Ohio—Continued</i>										
Millport.....			3.7	3.7	15.9	5.4	0.9		T.	29.6
Ottawa.....			4.0	5.5	6.0	2.2	2.0			19.7
Peebles.....			1.5	0.5	10.0	0.5	T.			12.5
Sandusky.....			0.5	4.3	9.1	0.9	1.7			16.5
Sidney.....			4.2	2.3	7.5	0.7	2.4	T.		17.1
Tiffin.....			1.0	4.0	10.0	T.	2.0			17.0
Toledo.....			0.4	4.8	8.7	2.3	3.4		T.	19.6
Wapakoneta.....			5.2	4.7	7.2	1.5	2.0	T.		20.6
Wauseon.....			1.4	4.5	12.7	T.	4.0			22.6
Waverly.....			3.0	3.3	15.0	0.5	T.			21.8
Zanesville.....			5.1	2.5	16.5	1.9	0.1		T.	26.1
<i>Oklahoma</i>										
Ada.....					3.0					3.0
Altus.....				3.5	4.1					7.6
Alva.....				3.5	9.0					12.5
Antlers.....				T.	0.5					0.5
Ardmore.....				T.	0.1					0.1
Beaver.....				9.0	8.0					17.0
Blackwell.....				1.0	2.9					3.9
Broken Arrow.....			0.4	T.	8.1	T.				8.5
Buffalo.....				8.0	(*)					
Carnegie.....				2.0	1.5					3.5
Chandler.....				1.0	4.0					5.0
Chickasha.....				0.3	(*)					
Durant.....				T.	T.					T.
Erid.....			(*)	2.0	4.0					
Brick.....				1.6	3.0					4.6
Hammon.....				1.2	6.5					7.7
Holdenville.....				T.	4.1					4.1
Hugo.....				T.						T.
Kenton.....		T.	T.	7.5	3.7	1.0				12.2
Kingfisher.....				4.1	7.8					11.9
Lawton.....				0.9	3.0					3.9
Muskogee.....			T.	0.4	6.0					6.4
Okceno.....				2.5	4.3					6.8
Oklahoma City.....				T.	2.1					2.1
Okmulgee.....				2.0	1.5					3.5
Pauls Valley.....				T.	4.8					4.8
Pawhuska.....			T.	4.0	2.0	T.				6.0
Poteau.....				T.	T.					T.
Shawnee.....				0.2	2.7					2.9
Stillwater.....			T.	1.5	1.8					3.3
Sulphur.....				T.	2.0					2.0
Tulsa.....			0.2	0.7	10.7					11.6
Tuskahoma.....				2.2	2.3					4.5
Vinita.....			T.	2.0	4.0	0.5				6.5
Waurika.....					4.0					4.0
Weatherford.....				0.5	2.5					3.0
Woodward.....				7.9	2.8					10.7
<i>Oregon</i>										
Albany.....				9.0						9.0
Andrews.....		T.	0.3	5.9	1.7	0.8	3.1	0.5		12.3
Ashland.....			0.8	5.5	T.	0.5	0.5			7.3
Astoria.....			T.	2.5						2.5
Baker.....		0.6	0.6	15.1	12.9	1.2		T.		30.4
Bear Creek.....	T.	4.0	10.8	23.3	25.0	12.8	6.4	3.5	T.	90.8
Bear Valley.....	T.	10.0	5.0	14.8	35.0	7.2	4.5	17.0		93.5
Beech Creek.....	T.	4.7	11.5	17.0	24.0	8.0	2.0	10.0	T.	77.2
Band.....		4.0	T.	16.6	1.6	2.5	0.5	0.5		25.7
Big Eddy.....			0.5	5.4						5.9
Blitzen.....		T.	0.5	6.0	2.5	T.	2.5			11.5
Cascade Locks.....				5.5	1.5					7.0
Cascadero.....				8.0						8.0
Chiloquin.....		1.8	6.8	19.2	9.8	13.8	10.8	4.5		66.7
Condon.....		0.5	1.0	6.5	3.0		3.5			14.5

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Oregon—Continued</i>										
Coquille River Lighthouse				0.1						0.1
Cornucopia	T.	13.7	23.0	74.4	114.1	39.5	19.3	10.5	T.	294.5
Corvallis				9.0						9.0
Cottage Grove			T.	4.5						4.5
Cove			3.5	25.0	23.0		T.			51.5
Crater Lake	8.5	59.4	34.7	64.8	101.0	79.4	17.8	41.8	3.0	410.4
Dayville			1.0	6.5	0.2	0.2	0.5			8.4
Detroit		0.2	3.0	18.5	2.5	1.5	4.2			29.9
Doraville			T.	4.3	T.	0.6	T.			4.9
Drain				6.0						6.0
Drewsey			2.0	30.0	19.5	2.0	(*)	3.5		34.2
Dufur		1.0	1.3	10.0	11.4	5.5	5.0			12.5
Echo			2.0	7.5	3.0					8.5
Eugene				8.5						8.5
Falls City				5.0		T.	T.			5.0
Fish Lake	(*)	10.5	17.8	43.5	29.0	15.5	20.0	14.0		
Forest Grove				1.2	T.	T.				1.2
Fossil			4.5	11.0	3.0	T.	4.5			23.0
Fremont	T.	2.0	7.0	18.7	2.5	10.9	4.4	4.0	T.	49.5
Friend		6.0	3.5	12.0	10.0	7.0	3.0			41.5
Government Camp	(*)	(*)	47.0	30.0	90.5	36.5	39.5	28.0	(*)	0.0
Grants Pass										0.0
Harney Branch Experiment Station		1.8	1.2	14.5	7.0	3.4		2.0		29.9
Harper			1.0	21.6	5.2	2.4	1.0	1.0		32.2
Hay Creek		T.	0.9	19.4	0.4	0.5	T.			21.2
Headworks				9.0						9.0
Heppner			1.8	8.5	5.0		T.			15.3
Hermiston			1.5	7.0	T.					8.5
Hilgard		1.5	8.5	12.5	23.0	T.	1.5			47.0
Hillcrest Orchard				2.8						2.8
Hood River			T.	5.5	4.0					9.5
Howardville		1.2	33.1	29.8	62.0	13.1	12.8	6.8	1.0	159.8
Jacksonville				1.2	T.	T.	0.2			1.4
Jewell			T.	5.2	T.		0.5			5.7
Joseph		5.0	12.0	7.0	17.0	1.0	10.5	2.0		54.5
Kingman			T.	21.0	4.0					25.0
Klamath Falls		0.4	2.5	12.2	3.7	9.8	6.8	1.5		36.9
La Grande		T.	1.0	16.0	20.0	T.	T.			37.0
Lake Creek		(*)		6.0	2.0		3.0			
Lakeview	T.	0.8	1.0	9.8	5.4	5.2	2.5	4.1	T.	28.8
Lapine	T.	2.3	13.0	23.6	11.3	8.4	5.0	4.1		67.7
McMinnville				4.0						4.0
Madras		T.	0.6	17.6	T.	0.8	3.3			22.3
Marshfield				0.4						0.4
Medford				1.0	T.					1.0
Merrill			3.0	(*)	1.0	3.0	4.5	T.		
Mikkalo			0.5	5.0	T.	T.				5.5
Milton				4.0	T.					4.0
Modoc Orchard				1.2	0.2					1.4
Morgan			1.0	5.5	1.7	T.				8.2
Moro			2.0	6.5	3.8	2.0				14.3
Mount Angel				0.8						0.8
Newport										0.0
Olive Lake	8.5	14.2	31.5	36.8	59.0	23.0	24.0	25.0	1.5	222.5
Parkdale		T.	5.5	12.5	16.0	2.5	4.0	T.		40.5
Pendleton			T.	10.0	T.					10.0
Pilot Rock			T.	12.0	9.0		0.2			21.2
Portland				3.7	T.					3.7
Port Orford				0.8						0.8
Power House			2.3	9.8	6.0					18.1
Prineville		(*)	(*)	15.5	T.	1.0		T.		
Prospect		1.5	6.0	8.0	7.8	2.0	(*)	0.5	(*)	
Reservoir No. 3		T.	1.6	23.0	21.0	1.0	T.	0.7		47.3
Riddle			T.	0.5						0.5
Riverside		T.	1.0	25.0	0.5	1.0	T.	0.8		28.3
Rock Creek		4.0	7.5	25.0	27.8	7.8	12.0	3.5		87.6

* Trace in June, 1925.

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Oregon—Continued</i>										
Roseburg				1.6						1.6
Round Grove		0.5	T.	22.2	0.8	8.0	6.5	5.5	T.	48.5
Salem				6.0						6.0
Silver Lake			2.0	12.2	T.	2.2	7.0	(*)	(*)	
Siskiyou	T.	1.5	8.0	19.0	13.5	45.0	13.0	15.0		115.0
Sparta	(*)	(*)	5.0	33.0	51.0	10.0	T.	(*)	(*)	
Starkey		T.	7.0	14.0	22.0		7.0			50.0
Sunrise Valley			1.8	7.8	5.9	2.3	3.7	5.0		26.5
Talent				6.0			T.			6.0
The Dalles			T.	5.5	2.0					7.5
Three Links		0.5	1.6	14.0	14.0	6.0				36.1
Toledo				3.2						3.2
Ukiah	T.	0.5	3.5	3.8	(*)	(*)	(*)	(*)		
Umatilla			2.0	5.3	T.					7.3
Umpqua	(*)			0.8						
Union			0.2	8.1	12.5	T.	0.8			21.6
Vale			T.	21.5	14.5	(*)	T.			
Valley Falls				7.0	T.		4.0	5.0		16.0
Wallace Orchard				6.5						6.5
Wallowa			16.5	18.1	28.0					62.6
Warm Spring				18.0		(*)	2.0			
Welches (near)			3.5	13.4	3.3	0.7	3.0	T.		23.9
Weston		T.	0.8	10.5	5.5	T.	T.			16.8
Williams				5.0	1.0		T.			6.0
Willow Creek				1.8			(*)			
Yonna			2.0	7.5	1.5	5.8	0.5			17.3
<i>Pennsylvania</i>										
Altoona			7.0	11.0	44.0	3.0	6.0		T.	71.0
Biglerville			0.2	0.2	27.2		T.	T.		27.6
Bradys Bend		T.	7.9	9.0	32.7	2.6	3.0	T.	.5	55.7
Brookville			5.0	8.0	33.5	T.	1.0	T.	1.2	48.7
Carlisle			1.0	T.	41.5	T.	T.	T.		42.5
Catawissa			0.5	1.2	35.8	T.	T.	T.	T.	37.5
Chambersburg			T.	0.3	29.3		0.8	T.		30.4
Claysville			2.9	1.5	14.0	3.1	0.6	T.	T.	22.1
Coatesville			1.1	0.2	27.1	T.	0.5			28.9
Colebrook			0.8	0.5	38.8	T.	0.6	T.		40.7
Corry		T.	10.0	22.7	29.7	10.2	8.4	0.3	T.	81.3
Emporium			1.8	6.0	32.5	1.0	6.0	T.	1.5	48.8
Erie		T.	3.0	12.3	11.5	6.9	1.8	1.5	T.	42.0
Franklin			2.5	9.0	21.0	3.5	1.0	T.		37.0
Freeland	T.	T.	1.5	7.3	56.5	3.6	10.4	3.5	0.5	83.3
Gettysburg			1.0	0.2	31.5		1.0			33.7
Gordon			T.	2.5	48.0	3.0	(*)	T.		
Greensburg			10.7	3.4	25.0	3.4	1.4	0.5	0.2	44.6
Grove City			3.6	4.6	17.5	5.2	4.6	1.0	0.3	36.8
Hanover			T.	(*)	27.3		(*)	T.		
Harrisburg			0.6	1.0	27.2	T.	0.7	T.		29.5
Holtwood			3.0	T.	26.5		3.0			32.5
Indiana			3.5	6.5	22.5	1.0	1.0	T.	T.	34.5
Johnstown			3.7	3.4	27.6	3.2	2.0	T.	T.	39.9
Lebanon			1.2	T.	38.0		0.5	T.		39.7
Lewisburg			0.9	3.2	36.9	T.	3.5	T.		44.5
Lycippus			4.8	3.7	14.4	2.8	1.4	1.4	T.	28.5
Mauch Chunk			0.2	1.9	44.5	0.5	0.2			47.3
Mifflintown			0.3	1.6	30.5	T.	1.5	T.		33.9
Montrose			2.0	11.0	32.0	4.0	7.0	3.0	2.0	61.0
Muncy Valley			T.	2.5	27.5	(*)	1.2	T.	T.	
Palmerton			1.0	1.2	39.0	0.5	T.			41.7
Philadelphia			T.	0.2	11.6	0.3	T.			12.1
Pittsburgh			1.2	3.4	26.2	2.7	0.5	T.	0.5	34.5
Pottsville			1.7	1.6	46.3		0.2	T.		49.8
Quakertown			T.	0.4	36.8	(*)	1.4			
Reading			0.7	0.3	38.8	T.	T.	T.		37.8
Saugertown			1.0	12.0	20.0	8.0	4.5	T.		45.5
Scranton		T.	1.7	4.6	27.0	2.2	3.1	0.3	T.	38.9

Monthly and seasonal snowfall, 1924-25—Continued

(Inches and tenths)

Station	1924				1925					Seasonal	
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May		
<i>Pennsylvania—Continued</i>											
Selinsgrove			T.	3.0	21.0	(*)					
Sharon			0.6	4.6	14.3	4.0	2.0				25.5
Somerset			6.9	6.5	37.5	17.6	5.5	8.7			82.7
State College			1.6	1.0	33.4	T.	5.0	T.	T.		41.0
Sunbury			0.4	0.8	35.0	T.	T.	T.			36.2
Towanda		T.	1.2	1.3	30.5	2.2	5.2	2.0	1.0		43.4
Uniontown			2.0	2.5	13.5	1.5	0.5				20.0
Warren			3.0	15.2	23.9	4.5	6.3	1.4	T.		59.3
Wellsboro		T.	3.5	5.6	38.5	3.5	11.0	1.0	4.0		67.1
West Bingham			4.5	6.0	28.5	2.5	10.0	2.5	1.5		55.5
West Chester			0.5	0.4	16.0	0.5	1.1	T.			18.5
Westford			4.5	10.7	12.8	3.5	4.1				35.6
Williamsport			T.	1.0	33.5	T.	0.5	T.	T.		35.0
<i>Rhode Island</i>											
Block Island				1.3	6.9	T.		T.			8.2
Bristol				0.7	14.2	0.5	T.	T.			16.4
Kingston				0.5	16.0	T.	T.				16.5
Providence			T.	0.8	16.2	0.2	0.6	T.			17.6
<i>South Carolina</i>											
Aiken					T.						T.
Caesars Head							0.8				0.8
Charleston											0.0
Clemson College							T.				T.
Columbia				T.							T.
Conway					1.0						1.0
Due West											0.0
Greenville							T.				T.
Kingstree					T.						T.
Landrum				T.			T.				T.
Liberty							T.				T.
Little Mountain					T.						T.
Mars Bluff					0.2						0.2
Orangeburg					T.						T.
Pinopolis					T.						T.
Saiuda											0.0
Santuck						T.					T.
Society Hill											0.0
Spartanburg						T.	T.				T.
Summerville											0.0
Walhalla							T.				T.
Yemassee											0.0
<i>South Dakota</i>											
Aberdeen			9.4	12.0	10.5	2.5	T.				26.4
Academy			4.0	15.0	(*)	T.					
Ardmore		T.	9.0	10.6	5.6	4.8	3.0				33.0
Bellefourche			5.5	10.5	4.4	4.0	2.0				26.4
Britton			0.1	10.5	3.2	0.8	0.2	T.			14.9
Brookings			1.1	3.5	4.5	0.6					9.7
Camp Crook		T.	0.3	6.6	6.0	4.2	10.0				26.8
Cottonwood			3.0	15.0	4.0	3.0	1.0				26.0
Custer		T.	13.0	18.2	10.0	2.7	3.0	T.			51.9
Deerfield	0.5	T.	13.5	11.3	16.4	6.5	14.0	T.	3.5		70.7
Dumont	3.8	3.0	27.4	7.4	17.7	28.7	18.5	1.6	T.		103.1
Dupree			1.5	9.3	9.0	1.5	1.0	T.			22.3
Eades			1.0	5.8	8.4	0.2	0.7				16.1
Elk Mountain	T.	T.	3.2	11.0	8.7	2.0	2.5	T.	T.		32.4
Elreka			T.	2.7	4.1	T.	T.				6.8
Fairfax			3.2	14.0	7.0	2.5	T.				26.7
Faulkton			1.0	11.0	7.0	0.5	T.	T.			19.5
Forestburg			5.4	9.4	9.0	5.0	T.				28.8
Hardy Ranger Station	T.	2.4	12.2	5.6	42.0	35.0	34.0	8.0	T.		139.2

* Trace in June, 1925.

SNOWFALL, 1924-1925

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Monthly and seasonal snowfall, 1924-25—Continued

[inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>South Dakota—Continued</i>										
Harveys Ranch	5.0	5.0	28.5	11.0	13.0	36.0	9.0	3.5	3.5	*109.5
Hermosa			10.0	18.7	5.0	0.2	0.5			34.4
Highmore			3.0	8.2	6.0	1.0		T.		18.2
Hopewell			4.0	12.6	5.5	4.0	0.1			26.2
Hot Springs			6.0	16.0	10.0	4.0	1.5			37.5
Huron			1.6	9.0	5.7	1.9	0.2	T.	T.	18.4
Ipswich			T.	8.0	7.0	T.	1.0			16.0
Lead	T.	1.5	12.1	7.5	7.1	12.5	6.0	2.0	T.	48.7
Lemmon		T.	T.	9.0	8.0	5.0	4.7		T.	*26.7
McIntosh			T.	4.6	2.0		3.0	(*)		
Marion			3.0	20.0	5.7	1.5	0.5	T.		30.7
Meadow		1.5	1.0	2.8	4.3	0.4	4.4	T.		14.4
Mitchell			2.5	12.9	8.5	1.2	T.			25.1
Newell			5.5	4.0	3.2	1.4	2.0			16.1
Oelrichs			7.0	10.0	4.0	3.0	0.4			24.4
Orman			1.6	9.2	4.9	4.6	T.			20.3
Pierre			5.2	15.0	6.7	3.2	0.4			30.5
Pollock			T.	6.5	6.8	(*)	0.5			
Rapid City	T.	T.	8.0	12.9	3.4	1.5	4.2	T.		30.0
Redig	T.		4.5	10.3	10.5	0.8	6.5			32.6
Rochford	2.6	0.3	23.6	15.5	14.4	18.7	16.3	0.6	3.9	95.9
Roslyn			0.8	8.0	2.0	1.5	T.		0.2	12.5
St. Francis			1.9	9.4	3.1		0.6			15.0
Spearfish		1.0	15.5	16.3	7.5	8.7	2.8			51.8
Tyndall			2.0	19.7	4.3	T.	0.1	T.		26.1
Vale		T.	5.0	7.7	3.0	3.0	1.5			20.2
Vermillion			2.3	23.9	10.8	0.4	4.0			41.4
Vivian			2.8	6.0	1.7	0.5		T.		11.0
Wagner			2.5	33.0	5.5	2.9	1.8			45.7
Waters Ranch		1.5	13.2	18.8	5.5	8.5	2.7	T.		50.2
Wentworth			2.6	8.6	8.4	0.5				20.1
White Lake			2.5	7.5	5.9	2.0				17.9
Wood			3.5	11.6	7.4	0.3	0.8			23.6
Yankton			3.5	29.9	8.0	0.2	4.5			46.1
<i>Tennessee</i>										
Ashwood				T.	0.5	T.	T.			0.5
Celina				T.	2.0	T.	0.5			2.5
Chattanooga				T.	T.	T.	0.2			0.2
Clarksville				T.	1.5	0.1	0.1			1.7
Coldwater				T.		T.				T.
Decatur				T.		T.	0.2			0.2
Florence				T.	0.5	0.3	T.			0.8
Hohenwald				T.	0.5	T.				0.5
Jackson					1.0	T.	T.			1.0
Johnson City				T.	T.	T.	T.			T.
Kenton				0.5	2.0					2.5
Knoxville				T.	T.	T.	T.			T.
McMinnville				T.	T.	0.5	T.			0.5
Memphis				T.	T.	T.				T.
Nashville				T.	0.7	0.2	0.2			1.1
Palmetto				T.	0.5	T.	T.			0.5
Rogersville				T.	T.	T.	0.3			0.3
Rugby				T.	1.0	T.	3.0			4.0
Walling				T.	T.	T.				T.
Waynesboro				T.	0.2	0.5	T.			0.7
<i>Texas</i>										
Arlene				2.0	3.1					5.1
Albany				1.3	6.5					7.8
Amarillo				5.8	5.1					10.9
Ballinger					0.5					0.5
Big Spring				0.9	1.5					2.4
Bowie				T.	5.0					5.0

*Trace in June, 1925.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Texas—Continued</i>										
Bridgeport				0.2	0.3					0.5
Brownsville				T.						T.
Brownwood					3.7					3.7
Buena Vista				T.	1.0					1.0
Canadian				2.1	2.8					4.9
Chillicothe				0.5	4.5					5.0
Coleman				T.	T.					T.
Colorado				1.7	2.4					4.1
Corpus Christi				0.3	T.					0.3
Crockett					0.1					0.1
Crosbyton				0.8	2.5					3.3
Dalhart				5.8	1.2	T.	T.			7.0
Dallas				0.2	T.					0.2
Del Rio										0.0
Dialville				0.2						0.2
Eagle Pass										0.0
Eastland					1.0					1.0
El Paso				T.	0.2					0.2
Flint				T.	T.					T.
Fort McKavett (near)					T.					T.
Fort Stockton				T.	0.2					0.2
Fort Worth				T.						T.
Galveston				0.2						0.2
Grandfalls				(*)	1.0					T.
Greenville				T.						T.
Groesbeck				T.						T.
Haskell				0.1	20.5					20.6
Henrietta					0.7					0.7
Houston				T.						T.
Junction					T.					T.
Karnes City										0.0
Kaufman				T.						T.
Kerrville										0.0
Knickerbocker				T.	T.					T.
Lamesa				1.0	3.5					4.5
Lampasas					T.					T.
Llano					T.					T.
Lubbock				1.5	6.5					8.0
Marshall					T.					T.
Memphis				0.5	T.					0.5
Midland				T.	4.0					4.0
Nolan				0.2	0.2					0.4
O 2 Ranch										0.0
Paducah				0.5	4.0					4.5
Paint Rock					1.7					1.7
Palestine				T.	T.					T.
Panhandle				1.5	0.5					2.0
Paris				T.						T.
Perryton				7.0	4.0					11.0
Plainview				6.0	2.0					8.0
Port Arthur										0.0
Post					5.0					5.0
Putnam					3.0					3.0
Riogrande				2.0						2.0
Romero				15.2	4.0					19.2
San Antonio										0.0
San Marcos										0.0
Snyder					4.0					4.0
Spearman				3.0	4.0					7.0
Taylor				0.1	T.					0.1
Temple										0.0
Uvalde										0.0
Vega				6.0	7.5		0.5			14.0
Victoria				T.						T.
Weatherford				T.						T.
Wichita Falls					10.3					10.3
Winfield (near)				T.	0.5					0.5

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Utah</i>										
Alpine			(*)	36.0	22.0	8.0				66.0
Alton			(*)	19.5	4.0	(*)	14.0	10.0		
Alunite	T.	(*)	(*)	25.5	1.5	8.5	8.5	(*)		
Beaver		3.0	4.0	22.0	3.0	7.5	4.0			43.5
Black Rock		1.5	11.0	13.0	0.6	T.	4.5	T.	(*)	
Blanding			T.	25.0	4.2	2.5	1.0	T.		32.7
Bluff			T.	9.6	1.0		5.0	T.		15.6
Brigham City		T.	4.0	28.0	11.0	T.	10.0	T.		53.0
Castle Dale				12.0	T.	4.0	T.	T.		16.0
Castle Rock		5.1	5.4	15.1	10.3	9.0	8.0	(*)		
Cedar City		5.0	3.0	10.5	8.5	8.0	4.0	2.0		18 43.0
Deseret		3.0	3.0	17.0	1.0	2.0	4.0			30.0
Duchesne		T.		13.0	1.0	6.0	T.			20.0
Elberta		5.0	2.0	10.2	5.7	2.0	6.5	1.0		32.4
Emery			(*)	18.2	T.	5.6	2.5			
Farmington			7.0	42.5	22.2	2.0	5.5	1.0		80.2
Fillmore		9.0	11.5	32.5	12.0	1.0	19.0			85.0
Fort Duchesne		2.0	1.0	7.0		T.	T.			10.0
Fruitland	T.	5.0	8.7	19.0	2.5	12.9	5.4	2.0		55.5
Garfield		1.6	(*)	33.1	10.7	4.0	4.0	3.5		
Government Creek		4.5	8.0	19.5	6.5	5.0	6.5	2.5		52.5
Grantsville		1.0	4.0	16.8	1.0		2.6	6.0		31.4
Green River				6.3		0.5	1.5			8.3
Hanksville				8.0	3.2					11.2
Heber	3.0	5.0	2.0	29.5	17.5	14.0	4.0	5.0		80.0
Hiawatha	0.8	0.4	7.0	19.5	6.1	14.0	1.6	4.0		53.4
High Line City Creek		4.5	17.0	60.0	15.0	16.0	17.5	3.5		133.5
Hole-in-the-Rock	7.5	15.5	21.0	14.8	10.0	(*)	(*)	(*)	(*)	
Ibapah		3.0	5.5	15.5	4.0	2.0	6.2	3.0		39.2
Kanab		T.		22.0	2.0		2.0	T.		26.0
Kanosh		9.0	15.0	34.0	12.2	2.5	2.0			74.7
Kelton		0.8	(*)	10.4	11.5	1.5		T.		
Laketown		3.0	13.0	20.5	2.5	0.5	2.0	T.		41.5
Lasal	T.	4.0	1.9	30.0	6.0	5.5	(*)	(*)		
Lemay				11.0	3.0	T.	1.0			15.0
Levan		12.0	6.5	33.0	5.0	10.0	22.5	1.0		90.0
Loa		3.0	8.0	14.5	1.0	5.0	2.0	(*)		
Logan		T.	9.8	29.0	4.5	2.2	4.3			49.8
Lower Mill Creek		6.5	7.5	57.5	13.9	8.8	20.2			114.4
Lucin				9.6	0.2	2.0	T.			11.8
Lund		2.5	1.0	14.5	1.5		(*)	T.		
Manilla	1.0	4.4	1.6	10.0	7.0	6.0	T.	1.0		31.0
Manti	T.	3.2	2.8	12.1	6.8	4.7	14.6	0.5		44.7
Midvale		0.9	2.4	29.5	6.8	2.8	8.0			50.4
Milford	T.	3.0	6.3	14.2	1.7	T.	1.3	0.9		27.4
Moab				11.7	5.5	2.0				19.2
Modena		1.6	1.5	10.5	0.5	1.1	10.9	10.7		37.5
Monticello	(*)	T.	(*)	29.0	6.5	9.0	(*)	(*)	(*)	
Morgan		6.0	21.0	30.0	17.0	10.0	21.0	T.		105.0
Moroni	T.	1.4	1.5	17.2	6.1	3.2	12.6	1.9		43.9
Mountain Dell	T.	11.0	16.0	55.0	24.0	13.0	24.0	3.0		146.0
Mount Emmons	2.0	(*)	0.5	10.5	4.0	8.2				
Myton		T.	T.	9.0	1.0	(*)				
Ogden		T.	2.0	36.5	12.5	T.	4.5	T.		55.5
Orderville		T.	T.	28.0	2.0		13.2	11.8		55.0
Panguitch		T.	T.	(*)	2.0	5.2	8.5	5.4		(*)
Park City	2.0	18.0	18.0	55.2	9.0	27.0	25.5	18.0		172.7
Park Valley		3.0	T.	23.1	10.6	3.0	(*)			
Parowan	T.	7.0	3.0	23.4	9.7	8.0	9.2	6.0		66.3
Payson		4.0	5.0	43.0	9.0	(*)	(*)	T.		
Piute Dam		6.0	T.	11.0	T.	4.0	5.0	(*)		
Provo		T.	T.	34.0	21.0	7.0	T.			62.0
Provo Bench		T.	4.0	32.0	17.5	3.0	13.0	T.		69.5
Randolph		3.5	(*)	13.0	2.0	4.0	3.0	6.0		
Richfield		1.0	7.0	13.0	3.0	3.0	1.5			28.5
Richmond		1.0	5.0	46.2	8.5	1.0	7.0	0.9		69.6

* Trace in June, 1925.

** Includes June, 1925: Cedar City, 2.0.

** Includes June, 1925: Modena, 0.7.

** 1.0 at Panguitch, June, 1925.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Utah—Continued</i>										
St. George				7.0	2.8					9.8
St. John		T.	3.0	11.0	T.	(*)	4.0	6.0		
Salina	T.	3.0	7.0	6.0	7.0	7.0	6.0	2.0		38.0
Salt Creek		8.0	T.	33.0	11.0	11.0	17.0	(*)	(*)	
Salt Lake City	T.	1.0	8.5	34.3	5.5	3.7	9.1	T.		62.1
Santaquin		6.0	8.8	35.0	6.3	6.2	11.5	T.		73.8
Scipio	(*)	3.5	3.0	16.2	7.3	3.0	15.5	1.5		
Sevier Bridge Dam		6.0	T.	18.0	9.0	3.0	5.0	T.		41.0
Silver Lake	2.5	44.0	31.0	68.0	44.0	54.0	41.0	39.0	6.0	329.5
Snake Creek	4.0	11.5	10.2	42.0	25.0	19.0	16.0	9.5		137.2
Soldier Summit		5.0	6.5	26.5	9.1	8.2	6.0	(*)		
Sunnyside	1.5	4.0	3.0	11.5	2.0	8.5	4.2	5.5		40.2
Thistle	T.	6.0	4.0	38.0	10.0	1.0	12.0			71.0
Thompsons			T.	12.5	2.5		3.0			13.0
Tooele		2.0	14.0	53.3	4.5	3.5	4.0	(*)		
Tremonton		0.5	1.4	29.2	7.8	2.5	6.5	T.		47.9
Utah Lake		T.	2.5	17.5	7.7	0.5	1.0			29.2
Vernal	T.	T.	T.	5.5		1.0				6.5
Watson (near)	0.1	6.0	3.5	7.0	T.	1.0	3.0	T.		20.6
Wendover			T.	3.5	0.5	T.	0.5	T.		4.5
Widtsoe		T.		13.8		3.5	3.0	8.0		28.3
Winter Quarters	T.	10.0	15.5	44.5	21.5	23.0	21.5	(*)	(*)	
Woodland	T.	20.0	13.5	33.5	28.0	26.5	25.0	T.	T.	146.5
Woodruff		2.5	6.0	13.2	2.2	6.0	6.0	9.8		45.7
<i>Vermont</i>										
Bloomfield			9.8	9.4	39.2	12.4	11.8	4.0		86.6
Burlington		T.	4.8	2.8	31.0	11.4	10.8	7.1	T.	67.9
Chelsea		T.	9.0	5.0	35.0	14.0	14.0	17.5		94.5
Cornwall			4.0	6.0	(*)	14.0	7.0	14.0		
Enosburg Falls		T.	12.0	8.0	54.0	17.0	5.0	3.5	T.	99.5
Garfield			16.0	11.0	41.5	13.0	19.0	10.0		110.5
Northfield		0.4	7.3	6.5	33.4	15.2	20.5	16.8		100.1
St. Johnsbury		T.	11.2	5.1	33.1	14.0	21.0	8.9		93.3
Somerset			9.0	14.5	35.8	17.5	21.5	14.0		112.3
Woodstock		T.	9.0	7.0	43.0	13.0	21.5	23.0		116.5
<i>Virginia</i>										
Ashland			0.3	T.	3.0		T.			3.3
Blacksburg			1.5	T.	20.3	T.	0.8	T.		22.6
Callville			T.		1.6					1.6
Cape Henry			T.	T.	0.6		T.			0.6
Charlottesville			T.		14.0		T.			14.0
Culpeper				9.0	24.5					33.5
Dahlgren				(*)	9.6		(*)			
Dale Enterprise			T.	T.	25.5	T.	0.5	1.0		27.0
Dante			T.	T.	(*)	1.0	(*)			
Franklin				1.5						1.5
Fredericksburg			T.	T.	13.6		T.			13.6
Hopewell			0.2		1.0					1.2
Hot Springs			1.7	T.	16.6	T.	1.5	T.		19.8
Lexington			2.5	1.2	11.2	(*)	(*)			
Lincoln			(*)	(*)	25.0		T.			
Lynchburg			0.7		2.2		T.			2.9
Narrows			T.		4.5	(*)				
New Canton			T.	T.	9.0		T.			9.0
Norfolk			0.3		0.7					1.0
Onley										0.0
Quantico			T.	0.2	6.2		T.			6.4
Richmond			0.3	T.	1.6					1.9
Rocky Mount			T.	T.	5.5					5.3
Runnymede				T.	0.7		T.			0.7
Williamsburg			T.	T.	1.0		T.			1.0
Woodstock			T.	T.	26.0	T.	T.			26.0
Wytheville			0.5	1.0	6.2	0.4	0.6			8.7

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Washington</i>										
Aberdeen				3.0						3.0
Anacortes			T.	1.5						1.5
Anatone			22.0	13.0	37.0	7.0	3.0	T.		82.0
Arlington				3.0	1.0		1.0			5.0
Bellingham			T.	2.5	1.8					4.3
Blewett	(*)	(*)	23.0	26.0	51.5	23.0	9.0		(*)	
Bremerton				0.8						0.8
Brewster			1.3	7.2	8.7	1.0				18.2
Buckley			2.4	7.0	4.5	T.				13.9
Bumping Lake			54.5	27.5	67.0	38.0	10.0	5.0		* 202.0
Cascade Tunnel	(*)	(*)	(*)	54.5	151.0	28.0	15.0		4.4	
Castle Rock				1.5						1.5
Cedar Lake		T.	4.5	19.5	5.5		3.2	T.		32.7
Centralia			T.	1.0						1.0
Clearbrook			T.	4.0	2.0					6.0
Cle Elum			11.0	13.0	24.0		0.5			48.5
Colville			4.5	12.5	21.5	1.5				40.0
Conconully		2.0	7.5	13.5	19.5	10.5	8.0			61.0
Coupeville				0.5						0.5
Cowiche			2.8	3.8	7.8	4.5	T.			18.9
Davenport			3.5	8.5	13.2	1.0	1.8			28.0
Davis Ranch			5.8	14.4	26.8					47.0
Dayton				6.5	3.0					9.5
Deer Park			8.6	15.0	26.5	4.4	2.8			57.3
Dirtyface Mountain			23.0	34.0	104.9	18.6	2.5	T.		183.0
Ellensburg			4.0	6.0	13.5	2.0	T.			25.5
Ephrata			2.0	1.2	5.0	0.5				8.7
Everett			T.	3.5	T.					3.5
Evergreen Farm			0.1	5.2						5.3
Forks										0.0
Fort Simcoe				6.1	8.5					14.6
Glacier	(*)	(*)	8.5	5.0	6.5	(*)	(*)	(*)	(*)	
Goldendale				9.5	3.0					12.5
Grapeview			T.	0.6	T.					0.6
Guler		4.0	0.5	6.0						10.5
Hanford			3.0	7.0	6.0					16.0
Harrington			2.5	6.5	3.5	T.				12.5
Hatton			2.5	7.5	3.5					13.5
Headworks			0.5	5.5						6.0
Irene Mountain		2.0	7.5	18.2	14.8	2.0	1.8	T.		46.3
Kahlotus			2.0	(*)	1.5					
Kalama (near)				1.5						1.5
Kennewick			4.0	5.0	3.0					12.0
Kent				2.7						2.7
Kettle Falls			1.0	6.0	20.5		2.5			30.0
Keyport			(*)	1.0						
Kiona			3.0	1.0	1.0					5.0
La Crosse			1.0	6.6	2.5					10.1
Lake Clealum			16.9	18.2	56.8	7.0	1.0	T.		99.9
Lake Kachess			27.0	24.0	63.0	5.0	2.0	T.		121.0
Lake Keechelus		T.	35.5	27.0	74.5	11.0	3.5	3.0		154.5
Lakeside			2.0	11.0	17.5					30.5
Landsburg				11.0	T.					11.0
Laurier			1.0	14.2	27.0	1.0	1.5			44.7
Leavenworth			18.0	22.0	41.8	7.1	2.0			90.9
Lewis	(*)	(*)	(*)	(*)	6.0	0.5	T.	(*)		
Lind			1.5	6.0	T.					7.5
Longmires Springs		3.0	41.0	21.0	62.0	20.2	9.0	T.		156.2
Longview				2.2						2.2
Lost Creek		T.	5.5	9.0	9.6	1.0	1.4			26.5
Lowden (near)			1.3	6.0	1.0					8.3
Mansfield			4.4	10.0	7.8					22.2
Marietta			0.5	(*)	2.5					
Mill Creek		T.	1.5	10.5	9.5		T.			21.5
Mottinger			1.5	5.0	T.					6.5
Moxee			3.1	4.1	4.5	0.3				12.0
Nespelem			4.6	9.0	12.8					26.4
North Head				1.3						1.3

* Trace in June, 1925.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Washington—Continued</i>										
Oakville				3.8		0.2				4.0
Odesa			2.0	4.0	9.0	T.	1.0			16.0
Oiga				0.5	T.					0.5
Ormak			2.5	7.0	11.5	1.0				22.0
Oroville				4.8	7.4	T.				12.2
Palmer			6.0	12.0	8.0					26.0
Paradise Inn	12.0	(*)	128.0	93.0	363.0	(*)	90.0	(*)	(*)	
Peola				7.1	22.0					29.1
Pomeroy			T.	6.0	1.0		T.			7.0
Port Angeles				2.5	T.					2.5
Prosser			0.1	(*)	15.0					
Pullman			7.1	9.8	11.9		0.1			28.9
Puyallup			0.5	3.5						4.0
Quilcene				5.9	2.8					8.7
Quinalt				0.8						0.8
Quincy			2.5	4.0	4.2					10.7
Republic		T.	10.6	17.2	17.6	1.6	T.			47.0
Rimrock		0.8	27.6	8.9	29.2	13.7	8.0			88.2
Ritzville			2.0	6.5	8.7					17.2
Rock Island			T.	2.2	6.9	T.				9.1
Rosalia			8.3	12.7	7.6	T.	2.5			31.1
Scenic	(*)	(*)	(*)	30.0	60.0	13.0	13.9	(*)	(*)	
Seattle			T.	7.3	T.					7.3
Sedro Woolley				1.2						1.2
Sequim			0.5	5.2						5.7
Silverton			4.5	9.2	28.8	6.0				48.5
Sixprong			1.2	6.0	3.0					10.2
Snoqualmie Falls				9.0	1.0					10.0
Snoqualmie Pass		10.0	79.0	61.0	125.0	51.0	19.0	0.5	8.0	353.5
Snyders Ranch		1.8	23.2	14.7	48.7	14.0	1.8			104.2
South Bend				0.8						0.8
Spokane			5.7	10.7	11.0	T.	0.7	T.		28.1
Stampede	(*)	(*)	31.0	27.5	64.0	10.0	19.5	(*)	(*)	
Startup			3.0	9.5	3.0		1.5			17.0
State University			T.	6.0						6.0
Stehekin			10.2	24.0	101.5	3.5				139.2
Stokes Ranch		3.5	22.8	14.0	47.5	10.5	0.2			98.5
Sultan			0.5	2.9						3.4
Sunnyside			2.5	4.2	7.0					13.7
Tacoma			2.5	4.5	T.					7.0
Tatoosh Island			T.	0.2						0.2
Tieton Canyon			11.0	6.5	11.0	9.5	5.5			43.5
Timentwa			6.0	10.5	15.0	9.0	5.0			45.5
Touchet Ridge			32.0	15.5	25.0	1.0	9.0			82.5
Trinidad			2.0	3.5	7.0					12.5
Tye	(*)	(*)	67.0	48.5	122.0	43.0	(*)	(*)	(*)	
Vancouver				4.2						4.2
Vashon Island			T.	3.5						3.5
Wallace			23.2	14.6	14.6	12.5	3.9	T.		68.8
Walla Walla			1.3	7.9	4.1		T.	T.		13.3
Wapato			0.3	3.9	5.0					9.2
Waterville		T.	11.9	11.5	16.0	6.0	4.0			49.4
Wellpinit			12.0	10.0	28.3	4.0	3.5			57.8
Wenatchee			4.0	6.5	12.0	2.5	T.			25.0
Wenatchee (near)		0.8	6.5	8.5	12.5	7.5	2.0			37.8
Wheeler			4.0	4.0						8.0
White Salmon			4.8	18.0	20.0	3.0				45.8
Wilbur			3.0	9.0	17.0		3.0			32.0
Wind River		T.	0.5	14.6	18.5	1.5		1.3		36.4
Winthrop		2.0	22.0	18.0	38.0	13.5	T.			93.5
Yakima		T.	4.4	3.8	6.9	0.4				15.0
<i>West Virginia</i>										
Bancroft			2.2	0.5	6.0	1.0	0.5			10.2
Bayard			13.0	4.5	28.0	4.0	8.5	6.2	T.	64.2
Beckley			5.0	(*)	(*)	(*)	1.0	T.		
Benson			5.8	1.2	10.1	3.5	0.2		T.	20.8

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>West Virginia—Contd.</i>										
Bens Run			4.0	1.0	18.5	7.0	T.			30.5
Bluefield			1.1	1.0	(*)		T.			
Brandywine			1.0	T.	30.0	T.	T.			31.0
Bruceton Mills	T.		6.8	7.4	25.1	3.4	7.0	1.0	T.	50.7
Buckhannon			4.5	0.5	9.0	2.0	1.0	T.		17.0
Burlington			3.0	1.0	26.0		T.	(*)		
Charleston			1.5	0.2	11.0	1.0	(*)			
Cheat Bridge	T.		7.5	10.0	21.5	8.0	12.5	5.5	3.5	68.5
Clarksburg			5.5	0.6	9.0	2.2	T.			17.3
Cortland			8.0	10.0	29.0	(*)	7.0	9.0		
Creston			2.5	0.5	6.0	0.5	T.			9.5
Davis	T.		8.5	7.8	22.4	4.5	10.5	4.5	2.0	60.2
Elkins			6.4	2.3	11.2	1.2	5.8	1.0	T.	27.9
Fairmont			1.0	1.5	23.0	2.0	T.	T.	T.	27.5
Glenville			5.2	2.0	9.0	3.0	0.5	T.		19.7
Harpers Ferry			(*)	(*)	27.5		T.			
Huntington			2.2	0.2	7.7	3.5	0.5			14.1
Lewisburg			4.0	T.	7.5	1.0	T.	T.		12.5
Lost Creek			5.5	0.5	10.5	1.0	1.0			18.5
Mannington			2.6	1.2	16.6	2.1	1.2			23.7
Marlinton			5.0	T.	23.5	T.	6.0	T.		34.5
Martinsburg			2.0	T.	21.5	T.	T.			23.5
Morgantown			1.5	2.0	17.0	1.1	0.3			21.9
Moundsville			1.0	T.	15.8	3.8	T.			20.6
New Cumberland			2.5	2.0	29.0	3.0	1.0			37.5
New Martinsville			2.0	T.	9.0	3.0	T.			14.0
Parkersburg			2.9	0.6	9.7	2.9	T.		T.	16.1
Parsons			5.0	10.0	7.0	1.0	1.0	T.	T.	24.0
Philippi			5.0	0.5	7.0	6.0	T.			18.5
Pickens			24.0	7.0	25.0	11.0	22.0	5.0	3.0	97.0
Ryan			3.4	0.7	7.4	2.0	0.9			14.4
Saint Marys			2.2	0.5	9.0	2.0	T.			13.7
Smithfield			3.1	1.7	13.5	3.7	0.1			22.1
Spencer			6.0	2.8	6.0	6.0	0.5			21.3
Stony River Dam			8.5	5.8	31.0	1.0	5.5	5.5	2.5	59.8
Sutton			7.0	4.0	15.0	2.0	2.0	T.		30.0
Terra Alta		T.	10.0	5.4	19.0	3.6	5.8	5.2	3.1	52.1
Union			0.4	0.5	9.4	T.	T.		T.	10.3
Wellsburg			2.0	2.5	20.5	1.0	T.			26.0
Weston			5.0	(*)	12.0	(*)	(*)		(*)	
Wheeling			1.7	2.1	23.2	1.4	T.			28.4
White Sulphur Springs			4.0	3.0	(*)	4.0	T.			
Williamson			T.	T.	4.5	T.	0.5			5.0
<i>Wisconsin</i>										
Ashland			8.5	15.0	2.0	9.0	1.0	T.	T.	35.5
Beloit			5.0	3.5	5.0	1.5	1.5		T.	18.5
Brodhead			T.	4.5	4.0	2.5	2.5		T.	13.5
Burnett			5.1	5.7	2.2	2.5	4.3		T.	19.8
Coddington			2.3	3.0	5.0	3.6	4.0			17.9
Cornucopia			11.7	14.4	3.9	12.5	2.8	1.6	0.6	47.5
Darlington			2.0	4.5	1.8	2.2	6.5			17.0
Deerskin Dam	T.		6.2	10.8	3.2	7.0	3.0	2.2	T.	32.4
Eau Claire			4.2	7.7	9.8	4.9	1.9	T.	T.	28.5
Florence			1.5	11.0	7.0	8.5	3.0	4.0	1.0	36.0
Fond du Lac			8.0	7.5	5.0	7.0	9.0		T.	36.5
Grand River Locks			8.5	3.0	1.8	2.2	4.0			19.5
Grantsburg			5.2	10.5	3.2	8.5	0.5		T.	27.9
Green Bay			1.9	4.1	3.0	7.9	6.1	0.6	T.	23.6
Hatfield			3.0	7.5	6.5	4.2	4.2			25.4
High Falls			1.0	14.8	7.7	6.0	4.5	2.5		36.5
Hillboro			2.0	5.7	2.0	4.0	4.0		T.	17.7
Koepanick		(*)	(*)	14.0	8.5	15.0	2.5	6.0	T.	
La Crosse			0.2	10.1	4.9	7.3	9.0		T.	31.5
Madison			2.5	5.3	4.6	3.6	9.4		T.	25.5
Manitowoc			6.0	5.8	5.2	10.5	8.8		T.	36.3
Medford			9.0	6.0	10.0	11.0	2.5	3.0	T.	41.5

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Wisconsin—Continued</i>										
Milwaukee			5.0	5.1	9.2	4.2	10.9		T.	34.4
Minocqua			5.0	12.0	3.7	7.5	4.5	2.5	T.	35.2
Mondovi			4.5	17.5	11.0	5.2	3.0			41.2
New London			5.0	5.0	3.0	7.4	6.0			26.4
Park Falls			8.5	16.0	3.0	9.0	4.0	2.0	T.	42.5
Prairie du Chien			T.	6.0	1.0	4.0	4.0			15.0
Prentice			4.2	7.0	7.0	10.5	3.3	4.0	T.	36.0
Racine			3.0	1.0	3.0	2.0	3.5		T.	12.5
Rhineland			1.0	7.0	8.7	10.0	2.0	5.0		33.7
Richland Center			T.	3.0	2.5	0.5	2.0			8.0
Ripon			5.5	4.5	3.4	4.1	6.6	(*)	(*)	
River Falls			1.7	6.5	6.6	3.4	3.4		T.	21.6
Sheboygan			1.1	2.4	1.3	(*)	11.2		T.	
Solon Springs			5.7	12.2	1.8	14.0	4.0	0.5	T.	38.2
Sturgeon Bay			2.0	3.0	6.2	6.5	2.1	2.0		21.8
Superior			3.9	10.2	2.2	4.2	2.1	2.0		24.6
Watertown			4.3	4.5	4.1	2.3	7.0	T.	T.	22.2
Wausau			4.6	8.5	14.9	8.2	2.1	3.4	T.	41.7
Weyerhauser			5.3	11.5	6.5	12.0	2.0	0.5	T.	37.8
Williams Bay			2.1	5.4	4.2	3.6	10.2		T.	25.5
Wisconsin Rapids			6.5	10.2	4.2	6.8	7.7	T.	2.0	37.4
<i>Wyoming</i>										
Alta	T.	20.3	3.1	25.0	19.5	13.0	7.0	19.5		107.4
Archer	(*)	(*)	3.0	(*)	T.	(*)	(*)	(*)		
Barnum	T.		8.0	9.0	0.5	0.5	3.0	1.5		22.5
Basin	T.		0.2	8.3	4.0	0.7	10.0			23.2
Bedford	T.	12.0	9.5	26.5	28.0	16.0	16.0	8.0		116.0
Border		6.0	7.0	18.9	(*)	(*)	4.0	7.5		
Buffalo	T.		2.5	12.2	1.0	6.5	4.5	0.5		27.2
Casper	T.	3.0	14.5	13.0	6.5	5.5	4.5	0.5		47.5
Centennial	1.0	5.3	11.1	10.1	21.1	6.9	8.3	2.2		66.0
Cheyenne	T.	T.	3.2	8.3	0.2	2.6	3.0	1.4		18.7
Chugwater			4.0	10.5	T.	4.5	3.5	T.		22.5
Clark	T.	4.5	3.5	10.4	1.0	3.1	9.1	T.		31.6
Clearmont			T.	3.5		1.5	3.7		(*)	
Cody	T.	4.0	2.5	8.5	1.5	1.0	5.9			22.5
Colony	T.	2.0	4.5	10.5	9.0	8.5	7.6			42.1
Crandall Creek	12.0	19.0	18.5	15.1	15.0	8.0	20.0	30.5	5.0	143.1
Deaver	T.	T.	1.8	4.3	T.	0.7	0.4	T.		7.2
Diversion Dam	T.	T.		9.0	T.		0.5			9.5
Dixon	4.0	7.8	6.5	26.7	13.8	9.0	8.5	3.0		79.3
Dome Lake	15.5	16.0	42.0	15.0	14.0	20.5	36.5	51.5	(*)	(*)
Douglas	(*)		7.5	9.1	3.6	2.5	0.8			
Dubois			2.0	15.0	1.5	T.	2.0	0.5		21.0
Dwyer		T.	2.0	3.0	(*)	(*)	T.			
Echeta			6.5	8.0	4.0	7.0	2.0			27.5
Eden		3.0	4.5	3.5	0.1	3.0	T.	3.4		17.5
Elk Mountain	12.0	9.0	9.0	14.0	10.5	13.0	7.0	2.0		76.5
Encampment	T.	3.0	6.0	12.7	3.7	(*)	2.1	T.		
Ervay		4.0	18.0	12.0	3.0	2.5	10.0	10.0		59.5
Evanston		11.0	7.0	15.0	7.0	7.5	8.5	3.0		59.0
Foxpark	4.5	11.0	11.8	28.7	13.5	5.0	5.0	7.5	T.	87.0
Gillette	T.	0.5	13.0	7.1	5.0	8.4	3.3	T.	T.	37.3
Green River	T.	4.2	5.5	9.9	5.8	4.6	1.0	2.8		38.8
Hampshire (near)		(*)	12.0	17.0	(*)	(*)	(*)	(*)		
Hecla	T.	(*)	(*)	7.0	0.5	0.9	6.0	3.0		
Hunter's Station		5.0	13.0	2.0	T.	11.4	12.9	39.7	3.3	87.3
Kirtley			9.0	4.0	5.0	5.0		0.2	T.	23.2
Knowles	T.	3.8	11.3	20.8	4.4	11.3	12.0	0.5		64.1
Lagrange			4.0	12.0	2.0	6.0	5.5			29.5
Lander	1.4	0.8	9.9	16.9	9.4	T.	1.2	0.2	2.2	24.0
Laramie	4.0	3.5	2.5	8.4	2.1	3.3	5.1	6.5		35.4
Lovell			1.7	4.5	3.0	2.7	6.0			17.9
Lyman	2.1	2.1	9.7	8.0	9.0	1.1	1.0	4.7		37.7
Marshall	4.0	5.3	7.8	17.5	4.7	7.0	5.0	T.	T.	51.3
Middle Fork (near)	2.3		1.0	23.0	T.		T.			26.5

* Trace in August, 1924.

* Trace in June, 1925.

* Trace in August, 1924, and 12.0 in June, 1925.

SNOWFALL, 1924-1925

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Wyoming—Continued</i>										
Moran.....	3.0	18.0	10.0	24.0	20.0	12.0	18.0	12.0		117.0
Newcastle.....		T.	8.0	17.5	6.0	3.0	5.0			39.5
Nine Mile Creek.....		(*)	T.	5.0	1.5	(*)	(*)	T.		
Pathfinder.....			10.0	6.0	2.2	2.0	T.	0.5		20.7
Pavillion.....	T.	0.2	T.	8.5						8.7
Pinedale.....	(*)	(*)	(*)	17.4	12.0	3.5	8.0	3.6	(*)	
Powell.....	T.	T.	1.0	5.0	0.5	T.	T.			6.5
Quaking Aspen Creek.....	6.0	21.0	6.5	12.0	7.0	2.0	10.0	28.0	6.0	102.5
Rawlins.....	4.0	T.	4.0	9.5	8.0	4.5	2.0	(*)		
Riverton.....		T.	1.5	11.7	T.	0.5	1.0	T.		14.7
Rocky point.....		3.0	9.0	10.0	12.0	11.5	3.0	1.0	1.0	50.5
Ross (near).....	T.	1.0	6.5	11.5	2.5	4.0	0.7	1.5	1.0	28.7
Sage.....		3.0	7.5	13.0	4.5	2.1	3.6	0.8		34.5
Salt Creek.....		2.5	4.6	9.5	7.0	6.3	2.5	T.		32.4
Saratoga.....		4.0	5.0	11.5	2.7	9.0	4.5	3.5		40.2
Sheridan.....	T.	T.	5.5	8.6	3.3	10.0	7.8	T.		35.2
Sheridan Field Station.....	T.		4.5	8.7	1.8	10.3	9.6			34.9
Shoshone Dam.....		3.0	3.0	11.1	3.7	1.0	7.9	10.0		39.7
South Pass City.....	2.5	5.7	8.0	21.7	21.0	7.1	3.1	6.0		75.1
Spencer (near).....			7.0	7.0	3.5	1.0	3.0			21.5
Sundance.....	T.	T.	12.0	14.0	14.5	13.0	11.0	T.	T.	64.5
Thermopolis.....			1.0	8.0	3.0		2.0			14.0
Upton.....		0.1	14.7	10.9	12.2	4.8	8.0			50.7
Verona.....	T.	T.	2.2	(*)	2.0	8.5	2.5	0.3		
Wheatland.....			2.2	3.5	2.0	0.3	2.0			10.0
Worland.....		0.3		6.0	4.0	T.	0.5			10.8
Yellowstone Park.....	2.3	11.7	18.4	17.4	14.3	7.7	11.5	5.9	0.7	90.0
Buffalo Ranch.....	3.0	(*)	(*)	(*)	7.0	16.0	21.0	2.0	T.	(*)
Gallatin.....	11.0	20.0	23.0	16.5	15.0	12.0	7.0	13.0	3.0	120.5
Lake Yellowstone.....	6.2	21.7	19.5	22.0	26.7	37.5	19.0	11.0	1.0	164.6
Riverside.....	2.7	12.0	23.5	22.7	22.2	20.3	12.5	5.0	T.	120.9
Snake River.....	T.	34.0	23.5	40.0	43.0	41.0	16.0	22.0	T.	219.5
<i>Canadian stations</i>										
St. Johns, Newfoundland.....			1.0	24.0	39.0	(*)	1.0	19.5		
Pogo, Newfoundland.....			0.4	21.9	24.2	20.4	6.8	4.6	0.2	78.5
Port Aux Basques, Newfoundland.....		0.5	8.1	56.0	40.3	17.6	9.3	6.1	0.2	138.1
Sydney, Cape Breton Island.....			2.0	12.5	42.5	10.0	7.5	3.5		78.0
Halifax, Nova Scotia.....			3.9	8.3	18.0	5.4	3.2	8.7		47.5
Yarmouth, Nova Scotia.....			1.0	10.6	20.1	4.3	1.4	15.4		52.8
St. John, New Brunswick.....		T.	8.9	9.8	35.0	6.9	8.3	5.2		74.1
Charlottetown, Prince Edward Island.....			5.2	10.0	26.9	9.0	8.2	T.		59.3
Chatham, New Brunswick.....		0.2	8.8	13.6	31.3	8.5	15.2	6.2		83.8
Harrington Harbor, Quebec.....			0.5	24.0	37.0	(*)	(*)	(*)	(*)	
Anticosti (SW. point), Quebec.....			12.6	29.0	17.0	14.0	15.5	6.0	1.6	95.7
Father Point, Quebec.....			14.2	15.2	30.2	16.0	22.7	1.0		99.3
Quebec, Quebec.....		2.0	9.9	20.1	32.7	33.8	25.9	4.2		128.6
Montreal, Quebec.....		T.	5.3	16.4	41.2	12.2	16.9	7.6	T.	99.6
Doucet, Quebec.....		22.8	19.0	16.0	26.6	28.4	27.0	8.4	(*)	
Ottawa, Ontario.....		T.	4.1	10.3	26.4	7.6	14.8	5.1	T.	68.3
Kingston, Ontario.....			0.6	9.6	13.1	2.1	5.1	7.6		38.1
Toronto, Ontario.....			1.1	11.5	20.0	9.6	7.3	1.6	T.	51.1
London, Ontario.....	(*)	(*)	(*)	(*)	23.5	6.7	2.8	T.	T.	
Southampton, Ontario.....			22.9	44.9	20.6	13.1	16.1	0.5	0.2	118.3
Parry Sound, Ontario.....			22.4	52.9	18.6	16.3	29.3	2.7	1.1	143.3
Cochrane, Ontario.....	T.		15.0	10.0	T.	2.0	8.0		4.2	39.2
White River, Ontario.....		T.	17.6	15.8	14.3	6.8	8.4		10.3	73.2
Port Arthur, Ontario.....			2.9	8.9	8.2	6.0	11.0		2.1	39.1

¹ Trace in August, 1924.
² Trace in June, 1925.

³ Includes June, 1925: Quaking Aspen Creek, 4.0; Yellowstone Park, 0.1.
⁴ 3.0 at Buffalo Ranch, August, 1924.

Monthly and seasonal snowfall, 1924-25—Continued

[Inches and tenths]

Station	1924				1925					Seasonal
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
<i>Canadian stations—Contd.</i>										
Winnipeg, Manitoba			11.4	7.1	16.0	5.5	19.2		T.	59.2
Minnedosa, Manitoba		1.1	8.0	4.6	14.2	4.1	14.6	T.		46.6
The Pas, Manitoba		T.	14.2	4.0	4.1	5.5	5.5	2.5		35.8
Port Nelson, Manitoba		0.7	6.2	2.7	1.6	3.6	2.5	1.2	0.5	19.0
Qu'Appelle, Saskatchewan		8.0	7.8	13.8	9.4	9.3	16.8	6.7	0.9	72.7
Moose Jaw, Saskatchewan		0.5	6.4	10.0	8.5	2.1	12.8			40.3
Swift Current, Saskatchewan			9.8	9.3	8.7	2.2	9.1	1.0		40.1
Medicine Hat, Alberta			6.0	12.4	2.6	0.6	6.5	4.4		32.5
Calgary, Alberta	1.0	6.0	14.0	22.4	3.6	4.1	14.5	1.6		67.2
Banff, Alberta		3.0	10.0	28.5	13.4	9.7	3.6	5.6	0.3	74.1
Prince Albert, Saskatchewan	T.	1.2	5.9	4.5	4.3	3.3	2.1	4.4		25.7
Battleford, Saskatchewan			9.2	5.2	4.9	6.0	5.0			30.3
Edmonton, Alberta	0.1	5.2	6.5	16.1	9.8	17.0	6.2	0.4		61.3
Kamloops, British Columbia			1.7	39.2	18.2	5.5	2.7			67.3
Vancouver, British Columbia			3.1	3.9	4.9					11.9
Victoria, British Columbia			T.	0.5	0.9	T.				1.4
Barkerville, British Columbia	1.2	13.2	25.5	28.9	35.5	41.0	61.0	12.3	1.3	219.9
Estevan Point, British Columbia				1.0						1.0
Prince Rupert, British Columbia			7.5	5.0	23.8	9.2	0.7			46.2
Atlin, British Columbia	1.0	2.4	6.0	4.2	7.2	6.5	8.5	2.4		38.2
Dawson, Yukon	0.2	10.2	8.8	5.6	4.2	5.1	6.9	3.7		44.7
Simpson, Mackenzie	(*)	15.7	4.1	4.6	(*)	(*)	(*)	(*)	(*)	

EVAPORATION, 1924

Monthly and annual evaporation (in inches and hundredths) for 1924

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Alabama</i>													
Silverhill.....	2.16	3.26	4.44	5.91		5.63	6.41	6.41	5.03	4.13	2.32	1.77	
<i>Arizona</i>													
Lee's Ferry.....		3.32	5.64	7.89	11.12	14.35	12.30	12.76	9.98	5.72	3.24		
Mesa.....	3.36	4.84	5.90	7.60	11.84	12.33	10.33	8.10	6.40	6.32	3.70	2.53	83.25
Roosevelt.....	2.24	3.74	4.85	5.24		13.12	12.65	12.71	10.28	6.28	3.51	2.66	
Willcox.....	4.50	4.97	6.96	8.86	11.88	13.57	11.06	12.74	11.62	8.72	6.40	3.96	105.54
Yuma.....	3.18	4.10	5.44	6.76	8.35	9.52	10.14	11.66	9.13	6.63	4.28	3.02	82.21
Yuma (Citrus).....	4.54	6.26	7.46	10.44	14.52	17.46	20.36	18.14	13.56	9.84	6.65	4.18	133.41
<i>California</i>													
Alvarado.....								6.64	6.02	3.86	2.96	2.24	
Chula Vista.....	3.02	3.86	4.82	5.42	6.36	6.88	7.48	6.71	5.60	4.46	3.72	2.48	60.81
Oakdale.....	1.48	2.16	4.18	7.51	12.82	15.22	17.06	14.94	11.41	5.02	2.15		
Tahoe (floating pan).....	1.33	1.04	1.40	3.08	5.16	4.91	6.90	6.73	5.28	4.12			
<i>Hawaii</i>													
Hoaeae (Upper).....	4.07	4.00	5.54	4.23	5.53	5.35	6.15	6.54	6.22	5.02	3.86	3.92	60.44
Maunawili Ranch.....	3.38	3.04	4.13	4.22	3.98	3.99	5.12	5.51	4.14	3.96	3.56	3.08	48.11
<i>Idaho</i>													
Arrowrock.....					9.34	9.52	11.70	10.54	6.38				
Deer Flat.....					7.78	7.85	8.63	7.02					
Jerome.....				5.65	10.06		9.54	8.28	4.96	2.42			
<i>Kansas</i>													
Tribune.....				7.63	8.72	11.78	11.94	10.80	8.78	6.92			
Wichita.....				6.74	7.20	9.91	10.06	10.74	7.78	6.22			
<i>Minnesota</i>													
Centerville.....					6.38	5.74	6.14	7.25	3.36	3.09			
<i>Missouri</i>													
Columbia (No. 1) ¹				4.32	3.96	4.30	5.04	4.99	2.76	2.16	1.73		
Columbia (No. 2) ¹				5.17	5.80	7.09	6.42	6.85	4.80	3.67	2.59		
<i>Nebraska</i>													
Lincoln.....				6.88	6.29	6.79	8.47	8.94	5.72	6.24			
<i>Nevada</i>													
Lamolle.....						9.80	10.25	9.48	6.10				
Pahrump.....	2.13	2.54		13.00			13.38	12.94	6.76	5.31	2.88		
<i>New Mexico</i>													
Agricultural College.....	2.94	4.39	7.09	8.14	10.10	12.08	9.06	9.72	8.92	7.08	4.18	2.44	86.14
Elephant Butte Dam.....	2.55	3.85	7.64	8.76	11.56	14.96	10.74	11.40	10.56	8.66	5.04	2.78	98.40
Santa Fe.....	0.92	2.24	2.96	5.64	8.34	11.08	8.81	9.28	7.76	6.14	3.30	1.20	68.57
<i>New York</i>													
Albany.....					4.14	4.76	6.56	5.07	2.96	2.72			
Ithaca.....					2.65	4.53	5.04	4.28	2.31	1.50			
<i>North Carolina</i>													
Chapel Hill.....	1.76	1.85	3.24	3.90	4.66	5.27	4.72	4.80	3.94	2.37	1.48	1.84	39.75
<i>Ohio</i>													
Ohio State University.....				3.48	3.17	4.70	5.78	5.76	3.38	2.24			
Wooster.....				3.10	3.06	5.06	5.76	5.01	2.82	2.12			
<i>Oregon</i>													
Corvallis.....				3.33	4.44	7.48		6.07	4.50				
Fish Lake.....					5.66	6.67			4.30				
<i>Porto Rico</i>													
San Juan.....	5.88	4.94	7.06	7.39	6.62	6.95	8.27	7.36	6.21	5.62	4.20	5.34	75.84
<i>Texas</i>													
Hill's Ranch (land pan).....	1.94	2.87	4.22	4.90	6.46	7.50	8.60	9.02	6.08	4.27	4.15	2.36	62.37
Hill's Ranch (floating pan).....	1.80	2.32	2.86	3.46	3.24	3.43	4.35	5.07	4.02	3.06	3.18	1.94	39.23
<i>Utah</i>													
Myton.....					9.67	12.42	10.14	9.84	6.22	4.01			
Piute Dam.....					6.24	14.02	10.86	12.34	7.58	5.34			
Provo.....			1.52	4.96	7.06	8.50	6.10	6.66	4.93	2.64			
Sevier Bridge Dam.....					10.08	9.90	14.98	14.37	7.86				
Utah Lake (Lehi).....			2.86	6.36	9.84	12.84	11.49	10.70	7.10	3.79			

¹ Formerly published as Columbia.

² Formerly published as University of Missouri.

REPORT OF THE CHIEF OF THE WEATHER BUREAU

Monthly and annual evaporation (in inches and hundredths) for 1924—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<i>Virgin Islands</i>													
St. Croix.....	5.74	5.02	6.82	7.56	8.16	7.28	7.82	7.12	6.00	5.66	3.88	4.34	75.40
<i>Washington</i>													
Lake Kachess.....					4.46	5.00	6.31	4.42	2.38				
Walla Walla.....			2.54	4.64	7.88	9.16	11.59	9.61	5.14	2.90			
<i>West Virginia</i>													
Clarksburg.....			2.42	3.68	4.00	5.87	5.96	5.30	3.38	2.70			