UNITED STATES DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

UNITED STATES METEOROLOGICAL YEARBOOK

1935

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GENERAL SUMMARY OF THE WEATHER CONDITIONS IN THE UNITED STATES DURING THE YEAR 1935

REVIEW OF THE WEATHER CONDITIONS DURING 1935

The year 1935 averaged nearly 2° cooler than 1934; precipitation, while still subnormal, was considerably more plentiful than in the preceding year. The temperature departure, all sections considered, was +0.7°, as compared with +2.5° in 1934, and the precipitation departure was only −0.6 inch; in 1934 it was −3.7 inches.

Table 1 shows that for the year as a whole, only three sections of the country, New England, the Florida Peninsula, and the lower Lakes region, averaged cooler than normal, and the maximum deficiency (lower Lakes region) was only 0.3°. Five sections were exactly normal, while in the other 13 the temperature ranged from 0.1° to 1.1° above normal. The relatively warmest section was the middle slope (portions of Oklahoma, Kansas, and Colorado). The relatively warmest month was February, when the entire country averaged 3.3° above normal; in March the excess was 3.0°. January, July, August, September, and October were also warmer than normal, while April, May, June, November, and December were below normal. May, with a negative departure of 1.8°, was the relatively coldest month, followed closely by December, with a deficiency of 1.7°. In February, only 2 of the 21 sections shown in the table had subnormal warmth and in both instances the deficiency was only 0.5°; in North Dakota that month averaged nearly 16° above normal, and elsewhere plus departures ranged from 0.1° to 8.8°. The largest sectional negative departures (less than 1° to more than 7°) occurred in December, due mostly to severe cold late in that month.

TABLE 1.—*Monthly and annual temperature departures, 1935*

District	January	February	March	April	May	June	July	August	September	October	November	December	Average
New England	−3.7	−0.5	+2.8	+0.1	−1.6	0.0	+1.9	+1.6	−1.2	+0.5	+4.4	−4.0	−0.2
Middle Atlantic	−1.1	+.4	+5.4	−1.2	−2.5	+.2	+1.6	+.7	−1.6	+.5	+4.1	−5.0	.0
South Atlantic	+1.5	.0	+6.4	+.3	+.3	−1.4	−.2	+1.2	+.4	+1.1	+3.1	−7.1	.0
Florida Peninsula	+.9	−.5	+3.2	+2.4	+3.3	+1.2	.0	+1.1	+.3	+.8	+.3	−5.7	−.2
East Gulf	+2.1	+.1	+5.4	+.8	+1.3	−.3	+.8	+1.8	+.2	+2.3	+1.4	−6.4	+.1
West Gulf	+4.4	+1.1	+5.1	+.3	−1.7	−.9	+1.1	+2.2	−1.4	+2.6	−.9	−2.4	+.5
Ohio Valley and Tennessee	+2.3	+1.5	+7.6	−1.5	−2.8	−2.0	+2.6	+1.6	.0	+.8	+1.0	−7.2	.0
Lower Lakes	−.7	.0	+5.5	−1.4	−5.1	−1.4	+3.9	+1.6	−1.6	+.1	+1.9	−5.2	−.3
Upper Lakes	−.3	+3.3	+4.5	−1.0	−3.1	−2.2	+4.7	+2.0	−1.2	.0	−.8	−1.7	.0
North Dakota	−1.9	+15.8	+3.6	−1.6	−4.0	−2.0	+6.0	+.8	+.9	−.4	−8.7	+.5	+.5
Upper Mississippi Valley	+1.5	+5.7	+6.3	−2.1	−4.8	−3.3	+4.7	+1.8	+.9	+.2	−1.7	−3.4	+.2
Missouri Valley	+3.6	+8.3	+7.8	−2.4	−4.8	−2.5	+7.1	+2.9	+1.0	−1.2	−2.4	+.1	+.8
Northern Slope	+2.8	+8.8	+1.1	−3.9	−3.9	−.5	+4.3	+1.3	+2.0	+.1	−2.9	+3.0	+1.0
Middle Slope	+6.6	+5.8	+6.3	−1.8	−4.9	−1.3	+4.6	+3.3	−.2	+.2	−2.0	+1.4	+1.1
Southern Slope	+6.0	+2.2	+5.4	+1.4	−3.2	−1.0	−.1	+2.4	−3.0	+2.9	−.1	+.2	+1.0
Southern Plateau	+2.7	+2.0	−1.2	+1.4	−2.2	+3.0	+.9	+.9	+2.1	+1.5	−1.1	+1.5	+.6
Middle Plateau	+4.4	+4.0	−2.2	.0	−.6	+3.6	+1.5	+2.3	+4.4	.0	−3.6	+.9	+.6
Northern Plateau	+3.0	+2.4	−2.3	−2.2	.0	+.8	+1.7	+.7	+5.3	.0	−5.2	−.5	.0
North Pacific	+1.2	+4.2	−2.2	+.9	+.8	+2.0	+.8	+.8	+3.4	−.5	−2.6	+1.9	+.4
Middle Pacific	+.8	+1.7	−2.8	+1.8	+.6	+3.0	+.9	+1.3	+.1	−.3	−2.3	+1.5	+.2
South Pacific	+1.6	+2.2	−2.7	+1.1	+.3	+.6	−.2	+2.0	+1.3	+.4	−1.4	+2.5	+.5
United States	+1.8	+3.3	+3.0	−.4	−1.8	−.2	+2.3	+1.6	+.6	+.6	−.9	−1.7	+.7

The sections of the country averaging cooler than normal were few in number and of limited extent; small areas of subnormal warmth occurred on the Gulf and Atlantic coasts, in portions of the Lake region, locally in the Ohio Valley and Northeast, in Missouri, Arizona, and New Mexico, northwestern Wyoming, western Idaho, and northern California. Elsewhere temperatures were above normal, with the largest departures noted in the Texas Panhandle.

While 1935 was warmer than normal, considerable cold weather occurred during the year. December cold in Florida set new records and new November minima were reported in California. In most sections, however, the cold was noteworthy because of persistence rather than for extremely low temperatures. In contrast, new maximum temperature records were set in Nevada and Alabama, and all stations in Oklahoma experienced maxima of 100° or higher. Orono and Bangor, Maine, reported temperatures of 104° on August 18 and 19, respectively.

Extremes for the year were well within the previous records of −66° (Riverside Ranger Station, Yellowstone Park, Wyo., February 1933) and 134° (Greenland Ranch, Calif., July 1913). Temperatures of 100° or higher occurred in 42 States; in Delaware, New Hampshire, and New York the maximum for the year was 99°, while Vermont, Rhode Island, and Connecti-

cut had maxima in the high 90's. The highest for the year was 123° on July 13 at Cow Creek, Inyo County, Calif., elevation −152 feet; in 1934 the yearly maximum was 125°, also in California in July. The lowest temperature for the year was −51° on January 23 at Pine River Dam, Crow Wing County, Minn., elevation 1,251 feet; for the preceding year the lowest was −52° in New York.

Temperatures of freezing or below occurred in every month of the year and in every State at some time during the 12 months. July brought minima of freezing or below to 12 States, and August brought similar minima to 16 States; the lowest for July was 18° in Oregon, and for August was 16° in Idaho. Minima of zero or lower occurred in most States; January brought such temperatures to 36 of the 42 climatic sections of the country. In many States minima of −20° or below were reported.

Table 2 shows that for the United States as a whole 6 months were wetter than normal, but the excesses were small, ranging from 0.1 inch (January, April, and July) to 0.3 inch (May and June). In September the excess was only 0.2 inch. Three of the other six months (March, August, and November) were exactly normal, while February, October, and December were drier than normal with deficiencies ranging from 0.5 inch in February to 0.6 inch in October and December. In 1934 only 2 months were wetter than normal but the departure for the relatively wettest month, November, was 0.8 inch. Eleven of the twenty-one sections shown in the table averaged drier than normal for the entire year, with deficiencies ranging from 0.1 inch in North Dakota to 7.4 inches in the North Pacific area (Washington and Oregon). The other 10 sections were above normal, with departures varying from 0.3 inch over the southern plateau (portions of Texas, New Mexico, Arizona, and southern California) to 6.2 inches over the west Gulf area.

TABLE 2.—*Precipitation departures, monthly and annual, 1935*

District	January	February	March	April	May	June	July	August	September	October	November	December	Average
New England	+2.6	−0.4	−1.7	0.0	−1.4	+2.2	0.0	−1.7	+0.9	−2.2	+0.7	−2.1	−3.1
Middle Atlantic	+.5	−.5	−.5	+.3	−1.0	+.7	+.5	−1.5	+2.5	−.5	+2.0	−1.4	+1.1
South Atlantic	−.8	−1.6	−1.0	−.2	.0	−2.3	+3.6	+1.7	+1.7	−2.5	+.3	−.8	−1.9
Florida Peninsula	−1.5	−1.1	−1.7	+1.2	−2.6	+2.0	+2.5	+1.1	+2.5	−1.2	+1.2	−.4	+2.0
East Gulf	−2.3	−.7	+1.1	+.6	+1.4	−1.4	+.1	+1.8	−.4	−1.9	−.3	−.5	−2.5
West Gulf	−.1	+.1	+.6	−.6	+3.0	+2.5	−1.0	−1.4	+2.0	+.6	−.6	+1.1	+6.2
Ohio Valley and Tennessee	−.1	−1.3	+1.4	−.7	+2.4	+.3	+.3	+.9	−.6	.0	+.2	−1.3	+1.5
Lower Lakes	.0	−.4	−.6	−.4	−.5	−.2	+1.4	−.3	−.6	−.9	−.7	−.2	−3.4
Upper Lakes	+.5	−.6	−.1	−.9	−.8	+.9	.0	+.2	−.9	−1.1	+.6	−.7	−2.9
North Dakota	.0	−.4	.0	+.4	−.2	−.9	+1.9	+.6	−1.0	−.8	+.3	.0	−.1
Upper Mississippi Valley	+.4	−.3	+1.0	−.6	+1.6	+1.7	−.4	.0	−.7	+.3	+.8	−.6	+3.2
Missouri Valley	−.1	−.3	+.1	.0	+2.6	+.7	−2.2	−.7	−.7	+.7	+1.3	−.7	+.7
Northern Slope	−.3	−.2	.0	+.5	+1.0	−.9	−.6	−.3	−.8	−.5	−.3	−.5	−2.9
Middle Slope	−.2	.0	−.2	−.8	+2.2	+.6	−1.9	−.1	+.9	+.4	+.3	−.4	+.8
Southern Slope	−.2	+.4	+.3	−1.2	+1.4	+2.5	−1.0	−.5	+1.8	−.8	−.2	−.2	+2.3
Southern Plateau	+.2	+.4	−.2	.0	+.2	−.1	−.6	+.4	+.2	−.3	+.2	−.1	+.3
Middle Plateau	−.2	−.3	−.1	+.9	+.6	−.5	−.2	−.1	−.3	−.7	−.1	−.2	−1.2
Northern Plateau	−.6	−.8	−.3	+.7	−.7	−.6	−.3	−.2	−.6	−.4	−.7	−.6	−5.1
North Pacific	+2.2	−1.6	+1.9	−.8	−1.8	−.7	−.2	.0	−.7	−.2	−3.7	−1.8	−7.4
Middle Pacific	+1.0	−2.1	.0	+2.7	−1.0	−.3	.0	.0	−.2	+.4	−2.0	−.3	−1.8
South Pacific	+.6	+.8	+.7	+1.4	−.4	−.1	.0	+.1	−.2	−.2	−.3	−1.2	+1.2
United States	+.1	−.5	.0	+.1	+.3	+.3	+.1	.0	+.2	−.6	.0	−.6	−.6

During the year, 1,073 stations experienced at least 1 month with no precipitation, and 83 stations had months with totals of less than 0.01 inch. The greatest monthly amount in the United States was 50.39 inches at Qinault, Wash., in January. In Hawaii two stations had 54.00 inches in February, and Puhonua had a total of 55.20 inches in April. Hondo, Tex., and Simmesport, La., reported 22.40 inches and 21.17 inches, respectively, in May; Madison, Fla., had 20.68 inches, and Pensacola, Fla., had 21.43 inches, in July and August, respectively, and in December, Wynoochee Oxbow, Wash., measured 22.01 inches. No other United States station reported as much as 20 inches in a single month during the year.

Snowfall was irregular—large central and southwestern areas and portions of the Lake region, the Northeast, and southern Rocky Mountain sections received subnormal amounts. Kansas had the least of record, while large adjoining areas had substantial falls, as did most of the far West. December brought heavy snow to some central Gulf sections, where Louisiana had the second heaviest in 38 years. The closing decade of January brought the largest totals to most eastern and northeastern sections. At Winthrop, Wash., 52 inches fell in 24 hours on January 21. In general, especially in central and western districts, the snows were beneficial.

The months of February, March, April, May, and June were marked by numerous moderate to severe duststorms over large portions of the country. They were most severe, generally, in April, and were noted from Arizona and Wyoming eastward to the Atlantic Coast States. Six deaths were attributed to these storms in Colorado, and damage, chiefly through loss of topsoil, is estimated at millions of dollars.

Windstorms, tornadoes, hail, and other outstanding features of the year's weather are discussed elsewhere in this report.

JANUARY

January was moderately cold in the Northeastern States, and had slightly below-normal warmth in the more northern districts west to the Rocky Mountains, but in all other sections of the country the month averaged above normal, markedly so from the central and lower Mississippi Valley westward to and including the Rocky Mountain States. In New England and most of New York the monthly means were subnormal by 2° to 7°, while in Minnesota and North Dakota the deficiencies were 2° or 3°. The South Atlantic States had slightly above normal warmth, which was also the case in the Pacific area, except the interior of the north, where the plus departures were larger. The Rocky Mountain area was relatively warmest, with many places having mean temperatures from 6° to as much as 12° above normal. In approximately 90 percent of the country the month was warmer than normal.

East of the Rocky Mountains freezing weather was general, except in parts of the Florida Peninsula where 32° or lower occurred in the interior well toward the southern portion of the State. Subzero temperatures were reported as far south as West Virginia and to northern Arkansas, south-central Oklahoma, and northwestern Texas. The lowest reported from a first-order station was −40° at Williston, N. Dak. The Gulf coast, from Brownsville, Tex., to northwestern Florida, had minimum temperatures ranging from 25° at Brownsville, Tex., to 19° at Mobile, Ala., and truck crops were badly damaged.

The highest temperature for the month was 94° at Hebbronville, Tex., on the 17th; the lowest was −51° at Pine River Dam, Minn. Maxima of 80° or more occurred in 12 States and minima of zero or lower in most States. In Florida the lowest was 17° and in Georgia the minimum was 13°. Thirty of the forty-two climatic sections averaged warmer than normal and 12 had subnormal warmth.

Precipitation for the month was very unevenly distributed. Most of the Mississippi Valley, the Northeast, the Middle Atlantic States, and a large area of the Southwest had above normal, but in a number of other sections amounts were markedly deficient. In a large northwestern area, extending from northwestern Kansas northward and northwestward, precipitation ranged from no measurable amount for the month to only about half the normal, except along the extreme northern border. The amounts were also markedly deficient in southern New Mexico and most of Texas, in the east Gulf area, parts of the eastern Ohio Valley, and the interior of the South Atlantic States.

Snowfall for the month was relatively heavy in the eastern section of the country, as the monthly totals for the following stations indicate: Portland, Maine, 59 inches; Baltimore, Md., 19; Richmond, Va., 6; Wytheville, Va., 14; Knoxville, Tenn., 7; Meridian, Miss., 4; Vicksburg, Miss., 6; and New Orleans, La., 0.1 inch. Duluth, Minn., reported 34 inches of snow, and Sault Ste. Marie, Mich., 52 inches; Williston, N. Dak., had 7 inches; Havre, Mont., 12 inches; and Helena, Mont., 8 inches.

Precipitation ranged from 50.39 inches at Quinault, Wash., to none at 30 stations. Washington, with an average for the month of 7.58 inches, was the wettest State. Twenty-one of the climatic sections were wetter than normal, and 21 received subnormal falls.

FEBRUARY

Considering the country as a whole, February was markedly warmer than normal and had deficient precipitation. Temperatures were slightly below normal in a limited area of the Northeast and locally in the Southeast, and slightly above normal from the Ohio Valley southwestward. Elsewhere they were decidedly high, especially over a large northwestern area. From Iowa and Kansas northward and northwestward the month was from 9° to 18° warmer than normal, while in the Rocky Mountain States the plus departures ranged mostly from about 3° to as much as 10°.

February 1935 continued a remarkable series of warm Februaries in the Northwestern States. For example, at Bismarck, N. Dak., only one February, that of 1931, during the last 60 years was warmer than February 1935, and 11 of the last 12 were warmer than normal, with the average temperature for the 12 being 10° above the normal for the month.

Zero temperatures were reported from first-order stations as far south as south-central Pennsylvania, southern Michigan, southeastern Iowa, and central Nebraska. East of the Rocky Mountains freezing weather occurred in all sections, except in extreme southern Florida and Texas. In Florida and Louisiana the minimum was 17°. Several States had minima of −30° or lower; the lowest was −38° at Rest Lake, Wis., on the 25th. Maxima of 90° or higher occurred in Florida, Texas, and California; the highest was 91° at five Florida stations.

The Dakotas and Minnesota were the relatively warmest States, while Illinois had the largest negative departure, 4.3°. Only 7 of the 42 climatic sections averaged cooler than normal for the month.

Most sections had less than normal precipitation, though limited areas, including Texas, New Mexico, Arizona and Iowa, had above-normal amounts. The northern border States

from the Lake region westward had very little precipitation, and the persistently dry belt extending from western North Dakota and eastern Montana southward again had scanty amounts. East of the Mississippi River most stations reported deficiencies for the month. The greatest monthly total was 13.63 inches at Spruce, Wash., and the least was none at 14 stations. During this month 54 inches of rain fell at two stations in Hawaii.

MARCH

March was generally warm and wet in the central-valley area, while the more western sections had rather cool and somewhat dry weather, except in the Southwest and along the North Pacific coast. Temperatures were high in those sections from the central Great Plains eastward to the Appalachian Mountains. In some parts of this area the plus departures ranged from 7° to 9° above the seasonal average. In other eastern sections of the country temperatures for the month were generally above normal. In the Western States, from the Rocky Mountains westward, it was somewhat cooler than usual, but the departures were not marked, ranging mostly below 4°, except locally in the western Great Basin and adjacent sections. Minima for the month were not unusually low, being mostly above freezing along the Gulf and Pacific coasts, while subzero weather was confined largely to northern New England and the northern Great Plains.

March brought maximum temperatures of 90° or more to 14 States; the highest was 103° at Mission, Tex., on the 27th. Subzero temperatures were frequent; the lowest minimum was −37° at Dunn Center, N. Dak., on the 7th. Subfreezing weather occurred in every State.

Precipitation for the month was extremely varied, averaging above 200 percent in the lower Ohio and central Mississippi Valleys, while locally in the central Gulf area, southwestern Texas, and Arizona, the amounts were also excessive. Moderate to heavy falls were reported from parts of the northern Great Plains and Montana, but a large southwestern area, comprising most of Colorado and adjacent portions of Wyoming, Nebraska, Kansas, and New Mexico, had less than half the normal.

Precipitation was above normal in 22 of the 42 climatic sections. The relatively wettest State was Kentucky, where the total for the month was 4.85 inches above normal. The greatest monthly fall was 23.40 inches at Wynoochee Oxbow, Wash.; the least was none at 33 stations in Florida, Nevada, New Mexico, and Texas. Thirteen stations had only a trace (an amount too small to measure) during the month.

Precipitation was decidedly above normal in the lower Ohio and lower Mississippi Valleys, and in portions of the northern Great Plains and the middle Atlantic coast. Another area of heavy precipitation is found along the Pacific coast extending into Arizona. The Rocky Mountain region, central Great Plains, portions of the Lake region, the Southeast, Pennsylvania, New York, and New England were all below normal, with the greatest deficiencies noted in Florida and New Mexico.

Plus departures were greatest in Kentucky, Arkansas, Oklahoma, Missouri, Arizona, and Illinois; in Kentucky the month had more than twice the normal for March, while in Illinois, Missouri, Arkansas, Oklahoma, and Arizona rainfall was more than one and one-half times the normal. Florida, the driest State, had only, 31 percent of normal.

Snowfall during the month, as reported by first-order stations, was fairly heavy in many northern sections, from central New York westward to Minnesota; local areas reported well over 10 inches for the month. In the northern Great Plains the falls ranged from slightly over 5 inches in eastern North Dakota to over 2 feet at Helena, Mont. In the upper Mississippi Valley amounts were generally less than 5 inches, but in western Iowa falls of over 10 inches were reported.

APRIL

April was cooler than normal over large areas; only 9 of the 42 climatic sections averaged warmer than the April average. The Northeast and the Southern and Southwestern States had slightly more than normal warmth. Florida, with a plus departure of 1.8° was the warmest. The far Northwest had decidedly low temperatures; Montana averaged 5.5° subnormal. The central valleys were generally 2° or 3°, cooler than normal, and parts of the middle Atlantic area had similar conditions. However, minima were not, as a rule, unusually low; freezing weather extended only to the southern Appalachian Mountain districts, the lower Ohio Valley, northwestern Arkansas, and extreme northwestern Texas. The lowest reported was −30° at Summit, Mont., on the 2d. The highest was 105° at Mission, Tex., on the 6th; maxima of 100° occurred in Arizona and California.

Precipitation totals ranged from 0.43 inch in Arizona to 6.22 inches in Mississippi. The greatest monthly amount was 18.31 inches at Scales, Calif., while one or more stations in Ala-

bama, Florida, Louisiana, Texas, and West Virginia had monthly totals of 10 inches or more. At 54 stations in various portions of the country the month was dry.

From the Ohio and Potomac Rivers southward precipitation was above normal, but over an extended belt from the Northeast and the Lake region southwestward the monthly totals were deficient. State totals ranged from 20 to 30 percent subnormal in much of the northern Ohio Valley area, but general heavy rains early in May helped to make up the deficiencies. Some stations in southwestern Kansas, extreme western Oklahoma, and northwestern Texas had no rain at all during the month.

The spring wheat region had from around normal to one and one-half times the normal. while most States west of the Rocky Mountains had much more than the usual April amount,

MAY

May was characterized by widespread subnormal temperatures and abundant to excessive precipitation over large areas of the country. Frosts were rather frequent in the Northeastern States and Lake region and also in portions of the Northwest.

The temperature averaged above normal in southeastern districts and rather generally in the Pacific Coast States. Near-normal warmth prevailed along the North Pacific coast and in the northwestern Lake region. In nearly all other sections the month was abnormally cool, markedly so in the central Mississippi Valley and the central Great Plains where the temperature averaged from 4° to as much as 7° below normal. The largest plus departure was 1.9° in Florida.

Maxima of 100° or higher occurred in Arizona, California, Florida, Nevada, New Mexico, and Texas; the highest was 107° at Cow Creek, Calif., on the 23d. At Dome Lake, Wyo., the minimum on the 8th was −2°, while Summit, Mont., noted a minimum of zero on the preceding day.

Precipitation was heavy to excessive in nearly all interior sections of the country and much of the west Gulf area. The Ohio Valley had from around one and one-half times to nearly twice the normal amount, while some trans-Mississippi areas received considerably more than double the normal. In much of Iowa, western Minnesota, and some adjoining sections; also in Montana, and generally in the Pacific Coast States precipitation was scanty, while in the Northeastern States there was considerably less than usual for the month.

The monthly average of 7.78 inches in Kansas was 4.01 inches above normal. Hondo, Tex., had a monthly total of 22.40 inches, but 66 stations (58 of them in California) had no rain during the month.

The weather of May 1935 was in marked contrast to May 1934. May 1934 was one of the hottest and driest Mays of record in the United States, while May 1935 was abnormally cool, with more than normal precipitation in most sections of the country.

JUNE

The weather of the month of June was characterized by abnormally low temperatures in the central valleys and the central Northern States, heavy rainfall in considerable areas of the interior and the Southwest, and by abnormal dryness in the Southeast and most sections west of the Great Plains.

The temperature averaged somewhat above normal in the Atlantic States, approximately normal in most of the South and the Rocky Mountain section and generally above normal west of the Rocky Mountains. The largest plus departures occurred in the Great Basin and middle Pacific area, where the monthly means were as much as 6° above normal locally. On the other hand, from the Ohio Valley, northern Arkansas, and northeastern Texas northward the temperatures averaged from 2° to as much as 4° below normal. The greatest minus departures, in general, were in the lower Ohio and the upper Mississippi Valleys.

In Nevada, the relatively warmest State, the monthly excess was 4.2°; in Wisconsin, the relatively coldest, the deficiency was 4.2°. No zero temperatures were reported during the month, but subfreezing was experienced in many sections. The lowest was 16° at Telluride, Colo., on the 16th. The highest temperature reported during the month was 119° at Greenland Ranch, Calif., on the 21st. Two Arizona stations reported 115°, and maxima of 100° or more occurred in 18 other States.

Rainfall for June was very unevenly distributed. A wide belt extending from the Rio Grande Valley of Texas northeastward through Missouri and some adjoining sections to the upper Mississippi Valley and the western Lake region had much above normal, the total monthly fall in some sections being more than double the normal; Del Rio, Tex., reported more than five times the normal for the month. Also, the Northeast had abundant rain; some stations reporting twice the normal, while locally in the Pacific Northwest there was more than the usual amount for June. On the other hand, the Southeastern States were extremely dry,

especially from North Carolina to central Alabama. Some parts of this area had less than one-fourth and many places less than one-half normal. Also a large area comprising the central and southern districts west of the Rocky Mountains received less than one-fourth of normal, while western Montana had scanty falls.

Dutton, Ark., had the greatest monthly rainfall, 18.85 inches; at Clinton, Mo., the June total was 18.63 inches. Six other States reported falls of more than 15 inches, but 392 stations (246 of them in California) experienced a dry month. Twenty-one of the forty-two climatic sections were wetter than normal, with Missouri noting the largest excess, 4.41 inches.

JULY

July had extremely high temperatures throughout the interior of the country, and seasonable warmth in the extreme South and Southeast. Rainfall was ample to heavy in most sections east of the Mississippi River, but was scanty and markedly deficient in many areas to the westward, with very few localities having as much as normal. As during the extremely hot July of last year, the abnormal heat centered in the area from western Missouri and eastern Kansas northward, though this year the temperatures averaged slightly lower in the Kansas-Missouri area. Kansas City, Mo., Topeka, Kans., and Lincoln, Nebr., each averaged 9° above normal compared with 10°, 10°, and 11°, respectively, in July 1934. On the other hand, Amarillo, Tex., with 8° above normal this year, and Huron, S. Dak., with 9° above, were 1° and 3°, respectively, warmer than this month in 1934. For July 1935, all stations, except those along the South Atlantic coast, and a few isolated ones in the Southwest and far West, had above normal temperature.

Maxima of 100° or higher occurred in all the climatic sections except New York, where the maximum at Jamestown on the 6th was 99°. The highest for the month was 123° at Cow Creek, Calif., on the 13th; the lowest for the month was 18° at Crater Lake, Ore., 5 days later. Most States were warmer than normal; in South Dakota the excess was 6.7°, and in Nebraska 6.3°. The largest deficiency was 2.6° in California.

Except in the East, and a few limited localities elsewhere, moisture was scanty and was markedly deficient in nearly all sections from the Mississippi Valley westward. The South Atlantic area and southern Appalachian sections mostly had heavy rains, while the amounts were excessive in the interior of the Northeast, especially in parts of New York. In the Great Plains some generous falls occurred in the extreme north, but otherwise the monthly totals were mostly less than half the normal. Parts of eastern Kansas and most of the Great Basin had practically no rain during the entire month.

The total falls for the month were subnormal in about half the 42 climatic sections. The largest deficiency was 2.56 inches in Kansas. New York, the relatively wettest State, had an excess for the month of 2.42 inches. Madison, Fla., was the wettest station, with a total for the month of 20.68 inches. At 144 stations no rain fell during July.

AUGUST

August was warm and rather dry over most of the country. Temperatures were quite high in the Great Plains region and adjacent sections, where they averaged from 4° to 5° above the seasonal average. It was also considerably warmer than normal in parts of the Southwest and the Great Basin. Thirty-seven of the forty-two climatic sections averaged warmer than normal.

There were only four sections, New Jersey, New York, Pennsylvania, and Wisconsin, in which the maximum did not reach 100° or higher. Cow Creek, Calif., was again the hottest station, with a maximum of 121° on the 11th. The lowest temperature of the month, 16°, occurred at Atlanta, Idaho, on the 16th; 18 States had minima of freezing or below.

Precipitation was above normal in the Southeast, the eastern Ohio Valley, the western Lake region, and some north-central districts, as well as in the Southwest and local areas elsewhere. In most other parts of the country precipitation was generally deficient, markedly so in the southern Great Plains, including much of Texas, where many stations reported less than half the normal and some areas less than 10 percent of the usual amounts. In most of the far West the month was abnormally dry, with large areas receiving no measurable rainfall. The greatest total for the month was 21.43 inches at Pensacola, Fla., and the least was none at 106 stations.

SEPTEMBER

In the central part of the country, September began cool, warmed up considerably the middle of the month, but was again cool at the close. In the central valleys the month averaged slightly above normal, departures ranging mostly from 2° to 3°, while in the Northwest it was continuously warm, with the temperature departures averaging 5° to 6° above the average.

In most of the East the month was somewhat cooler than usual, while in the South and Southeast near-normal temperatures prevailed, except in parts of Texas where they were somewhat below the average. Frosts were general the latter part of the month, being light to heavy in the central Appalachian Mountain sections, and killing in parts of the Lake region and the North Central States. Progress of crops was such, however, that practically no damage resulted.

Maxima of 100° or more occurred in 17 States; the highest was 116° at two California stations. Minima of 32° or lower were noted in 34 sections; the lowest was 8° at South Pass City, Wyo., on the 28th. Nevada was the relatively warmest State with an excess for the month of 5.7°, while Oklahoma was 3.4° subnormal.

Rainfall was generally heavy in Atlantic States from southern New England to Florida, with some excessive amounts, principally in eastern Virginia, Maryland, Pennsylvania, and southern New Jersey; Atlantic City, N. J., reported over five and one-half times the usual amount for the month. Precipitation was also above normal in the Southwest, including most of Texas, as well as parts of the central Mississippi Valley, the east-central Great Plains, and the central Rocky Mountain region. Most of Texas had rainfall over one and one-half times the normal, with some localities averaging over twice the usual amounts. Maryland-Delaware averaged 7.96 inches, and excess of 4.73 inches.

The month was unusually dry in the lower Ohio Valley and most of Tennessee, while precipitation in much of the Northwest and far West was seriously deficient. In most of South Dakota, western North Dakota, Montana, and from Idaho southwestward, September precipitation was less than one-fourth of normal, and wide sections reported practically no rain for the month.

The greatest monthly total was 18.48 inches at Homestead, Fla., with 18.40 inches reported at Brunswick, Ga. At 111 stations, no rain was reported during the month.

OCTOBER

October was prevailingly mild and fair, with rainfall below normal in most portions of the United States, except that the first week of the month was abnormally cold in central and northern sections and the last few days brought a marked cold wave to the Northwestern States. Early in the month untimely frosts, extending as far south as the northern portions of the east Gulf States, did considerable damage to late crops, but thereafter the weather was mostly mild. On October 29 the first real cold wave of the season appeared in the Northwest, bringing temperatures below zero in some sections, and cold weather continued there, with minimum readings of around zero or below, for an entire week. An extreme of −20° was reported at Havre, Mont., on the morning of November 2. This cold wave did not move eastward to any considerable extent, and mild weather continued over most of the eastern half of the country.

For the month, as a whole, the temperature averaged somewhat above normal, except from the upper Mississippi Valley westward where the monthly means were slightly deficient. However, only a very few stations reported variations from normal greater than 2° or 3°, with most of them showing less than 2° departure.

Monthly departures from normal varied from +3° in Louisiana to −2.1° in California. Maxima for the month ranged from 82° in New York to 105° at Agua Caliente, Ariz., and Brawley, Calif. Five States reported maxima of 100° or higher, and minima of freezing or below occurred in all States but Florida, where the lowest was 39° at Vernon on the 26th. Summit, Mont., experienced −30° on the last day of the month. Ten States had subzero minima.

The month had more than normal rainfall over a considerable north-south belt in the central portion of the country, and also locally in the Appalachian Mountains, and in the North Pacific sections. Otherwise there was less than the normal amount of moisture, with large deficiencies in the Southeast, the Lake region, and most of the western Great Plains and Rocky Mountain States. In parts of the Southeast and in a good many western sections less than one-fourth the normal amount of rainfall for the month occurred.

Deficiencies in precipitation ranged from 0.03 inch in California to 2.44 inches in New England; excesses varied from 0.01 inch in Wisconsin to 1.81 inches in Arkansas. Stuart, Fla., reported a total of 12.80 inches, the greatest October amount; only one other station had as much as 10 inches. The month was dry at 132 stations, and 8 others had only a trace.

NOVEMBER

The weather during November, in relation to the normal, shows decided contrasts in different portions of the country. During the first part of the month record-breaking low temperatures for so early in the season occurred in the Northwestern States, but it continued abnormally warm in the East until the last decade. In the latter area much colder weather prevailed by the 23d, with freezing temperatures reported to the west Gulf coast and into

northern Florida. Precipitation was spotted and irregular, but was frequent and substantial to heavy in much of the East and parts of the interior valleys.

The highest temperature reported in November was 96° at Laredo, Tex., on the 10th; maxima of 90° or more occurred in eight States. The lowest minimum was −32° at Summit, Mont., on the 2nd. All States had minima of freezing, and many Central and Western States had subzero readings. New Jersey, with a positive departure of 4.2° was the relatively warmest State, while North Dakota, with a monthly average of only 17.2°, was 10.2° subnormal. California, Idaho, Minnesota, Montana, Oregon, and Wyoming also had a cold November. At Fort Yukon, Alaska, the minimum on the 24th was −61°.

Temperatures in the East ranged from 2° to as much as 6° above normal and it was generally warmer than normal east of the Mississippi River. In Gulf sections and the Southwest the averages for the month were seasonable, mostly within 1° of normal. In the western Mississippi Valley and central and southern Plains States they were mostly 2° to 3° below normal, while in the extreme northern Plains and much of the Great Basin of the West the minus departures were from 5° to as much as 10°. The Pacific Coast States were relatively cool.

Precipitation for the month was very irregular. It was much above normal in a narrow belt extending from northern Louisiana and southern Arkansas northeastward across eastern Tennessee and western North Carolina to the Middle and North Atlantic States. Also, a considerable area from the western Lake region southwestward had relatively large amounts, ranging in some places to more than twice the normal. Between these areas precipitation was deficient. It was scant also rather generally west of the Rocky Mountains, especially in the far Northwest where some stations reported only about one-fourth of the normal amount.

Long Key, Fla., with a total of 12.50 inches, was the wettest station; no rain fell at 18 stations during the month. Departures from the November normal ranged from +1.88 inches in Maryland-Delaware to −2.65 inches in Washington.

DECEMBER

December was characterized by subnormal temperatures over the eastern half of the country and somewhat warmer than normal over most of the western half. Precipitation was mostly below normal, but in the Southeast snowfall was unusually heavy the latter part of the month.

The mean monthly temperatures ranged, generally, from about 4° to as much as 9° below normal practically everywhere from the Mississippi Valley eastward. Over the Great Plains the month, as a whole, had about normal warmth, mostly slightly above normal, and from the Rocky Mountains westward, except in limited areas, the averages generally were from about 2° to as much as 6° higher than usual for this month. The greatest plus departures from normal, 4° to 6°, appear in the northwestern Great Plains, while most Pacific coast sections had excesses of 2° to 4°.

The highest temperature of the month, 84°, occurred in Texas and Florida, and the lowest, −34°, in North Dakota and Wyoming. Subzero temperatures were general, except in portions of the Gulf States and the Southeast.

Precipitation was decidedly irregular, though below normal in most parts of the country. The amounts were heavy in Gulf sections from eastern Florida to the lower Rio Grande Valley; in west Gulf districts some stations had from two to as much as four times the normal. An area in the Northeast and another in the northern Great Plains had somewhat more than normal, but otherwise, except locally, amounts were deficient. This is especially true of a belt extending from Tennessee and Kentucky northwestward to the Rocky Mountains where most stations had less than half the December normal, with some reporting less than one-fourth the normal amount. Other areas having less than half the normal include the interior of the far Northwest and far Southwest.

Only 4 of the 42 climatic sections received the normal December precipitation. Totals for the month ranged from 0.27 inch in Kansas to 5.72 inches in Louisiana. The greatest monthly total was 22.01 inches at Wynoochee Oxbow, Wash., and the least was none at 15 stations.

TORNADOES, 1935

In accordance with the practice established in 1916 and pursued each year thereafter, the tornadoes of 1935 are individually described in table 4. In particular, the form of presentation groups the tornadoes by States in alphabetical order, with the several tornadoes of each State arranged chronologically. The information has been furnished chiefly by the section directors of the Bureau, consequently, descriptions of practically all tornadoes have previously appeared in print in the monthly section reports, or were listed in the Monthly Weather Review's table, Severe Local Storms.

Owing to the receipt of additional information and sufficient time to study more closely the violent storms which occurred, some differences in detail and number for the year will be found as compared to summaries contained in the several monthly and December issue of the Weather Review,[1] respectively. The result being a few additional tornadoes, have been reported and some formerly classified as tornadoes are now thought to be nontornadic and are omitted from the accompanying compilation. They are included, however, in the table on windstorms other than tornadoes.

GENERAL SYNOPSIS

During 1935 there were 182 tornadoes in 29 States; none occurred in Alaska, Hawaii, Puerto Rico, District of Columbia, or the Virgin Islands. This is 35 more than the total for the preceding year and ranks fifth in the order of greatest frequency on record. The years 1933, 1928, 1929, and 1930 had 260, 203, 197, and 192 tornadoes, respectively.

About 41 percent of these disturbances occurred in the months May and June; during May, the month with the greatest number, there were 43 tornadoes, while in May of the preceding year there were only 15 of these storms. Tornadoes were reported somewhere in the United States every month of the year, except January and December. The monthly frequency for the 10 months of 1935 were: February, 8; March, 29; April, 26; May, 43; June, 30; July, 20; August, 8; September, 18; October, 2; and November, 3. In November of the preceding year there were 17 tornadoes; October, 5; and September, 10.

The total loss of life attributed to tornadoes during 1935 numbered 70, which is 23 greater than the 1934 figure and is the third lowest since 1916. The greatest yearly total of fatalities, 794, occurred in 1925. Twenty deaths per month resulted from the April and May tornadoes; the remainder by months for 1935 were: February, 1; March, 11; June, 7; July, 9; and September, 2. The 3 months, August, October, and November had tornadoes, but no fatalities were reported. In most cases deaths were caused by flying debris, or collapsing buildings, but there were a few instances where persons were swept up by tornadic winds, resulting in deaths.

The number injured from 1935 tornadoes totaled somewhat in excess of 614. About 72 percent of the injuries took place during the 3 months, March, April, and May. The greatest monthly total of injuries occurred in May, with 182; other injuries by months resulting from 1935 tornadoes, were: February, 72; March, 134; April, 122; June, 60; July, 12; September, 19; and November, 13. No injuries were reported in August and October, although eight tornadoes occurred in the former month and two in the latter.

Property losses that were reported as a result of tornadoes (crop losses included) were without question much less than the true losses, for it is seldom feasible to secure data for all parts of a long track, and often no trustworthy reports can be obtained. Estimated losses amount to $4,732,930, nearly $8,000 more than in the preceding year, and fourth lowest since 1916. The greatest loss on record, $43,445,650 occurred in 1927. Mississippi, with property loss of $769,200, was the State with greatest tornado damage in 1935, and Minnesota was second with losses amounting to $674,700, while Texas, with damage of $412,400, was third. In 1934, Minnesota was first, with sustained losses amounting to $929,000. Five States, namely, Arkansas, Illinois, Kansas, Nebraska, and Oklahoma, reported losses in excess of $300,000. In five other States, Virginia, Tennessee, Louisiana, Wisconsin, and Maryland, losses ranged from $96,400 (Virginia) to $205,100 (Maryland). The least amount of damage reported was $1,000 in Colorado. In two States, Massachusetts and North Dakota no estimates of damage were obtained.

Several of the 1935 tornadoes were severe, exceeding the most destructive tornado for 1934 (the Missouri storms on October 23; five deaths, damage $900,000) from the standpoint of the number of deaths and injuries, but do not in any way approach the outstanding storms in past recorded tornadic history. The most destructive 1935 tornado occurred in Wilkinson and Amite Counties, Miss., on April 6, causing 11 deaths, 75 injuries, and property damage amounting to $190,000. About one-half the town of Gloster in the extreme western portion of Amite County was destroyed, 8 deaths resulting, 75 cases necessitating hospitalization, and property damage estimated at $140,000. Evidences in the case indicate the possible existence of several subsidiary tornadoes. Others of 1935 tornadoes were notable. On July 27 a tornado in Winona County, Minn., incurred damage amounting to $350,000; no deaths or injuries were reported. In Illionis, March 25, in Massac County, property damage amounted to $300,000; 1 death and 34 injured.

In general, 155 of the 182 tornadoes during the year took place without a single fatality. Eleven tornadoes reported 1 death each, 7 with 2, 4 with 3, 2 with 4, 1 with 5, 1 with 9, and 1 with 11 deaths. One hundred and one tornadoes occurred without a single death or injury. From a monetary standpoint 15 tornadoes incurred damage equal to $100,000, but less than $200,000, 2 equaled $200,000, or slightly greater, and 2 incurred damage of $300,000 or more.

[1] Preliminary report on tornadoes in the United States during 1935 by R. J. Martin, Monthly Weather Rev., Dec. 1935.

SYNOPSIS BY STATES

The list of States in which 1935 tornadoes occurred with fatal consequences, and the number of fatalities is as follows: Alabama, 3; Arkansas, 7; Illinois, 1; Louisiana, 9; Minnesota, 3; Mississippi, 17; Nebraska, 8; New York, 2; North Dakota, 5; Oklahoma, 1; Tennessee, 3; Texas, 9; and Virginia, 2. Tornadoes occurred without loss of life in 16 other States, namely, Colorado, Florida, Georgia, Indiana, Illinois, Kansas, Maryland, Massachusetts, Missouri, Montana, New Mexico, Ohio, Pennsylvania, South Carolina, South Dakota, and Wisconsin.

It will be noted that in several instances the tornadic character of a storm is given as somewhat doubtful, but in these cases the presence of marked rotary winds over a rather narrow area was taken as sufficient evidence to classify the storm as a tornado. There were 19 States in which no tornadoes were reported during 1935: Arizona, California, Connecticut, Delaware, Idaho, Kentucky, Maine, Michigan, Nevada, New Hampshire, New Jersey, North Carolina, Oregon, Rhode Island, Utah, Vermont, Washington, West Virginia, and Wyoming. Summarized geographically all States partially or wholly west of the fortieth meridian, with the exception of Montana, were without occurrence of tornadoes. East of the eighty-fifth meridian and north of the 35° latitude no tornadoes occurred in Michigan, Connecticut, Delaware, New Hampshire, New Jersey, North Carolina, Rhode Island, Vermont, and West Virginia.

BOUNDARY-CROSSING TORNADOES

Two 1935 tornadoes definitely crossed State boundaries. The first disturbance originated on February 24 about 6:30 p. m., in Ottawa County, Okla., traveled in a northeasterly direction through Cherokee County, Kans., thence into Jasper County, Mo. The total length of the path was approximately 34 miles, width 70 yards. Only 1 fatality occurred, that being in Oklahoma, and the injured numbered 20 in Oklahoma, 1 in Kansas, and 30 in Missouri. The total property damage for these three States was $60,500.

The second disturbance had its genesis in Sumner County, Kans., about 3 p. m., on June 2, traveled in a southeasterly direction into Oklahoma, traversing Kay County and becoming extinct about 4:30 p. m., in Osage County. The total length of path was about 57 miles, mean width about 60 yards. No deaths were reported, but nine injuries occurred in Kansas and three in Oklahoma. Property was damaged to the extent of $100,000 in Kansas, and an estimated slight damage resulted in Oklahoma.

There is some possiblity of a third boundary-crossing tornado during the year. On March 6 a disturbance occurred in Geneva and Houston Counties, Ala. The storm was reported to have passed in an east-southeast direction into Florida. However, no record was obtained of the disturbance in the latter State.

Therefore, the total number of tornadoes during 1935, based on State occurrences, numbers 185, but enumerated according to origin and extinction decreases the number to 182—this is evident from the above discussion, 1 tornado being reported twice, the other three times by States.

SPEED OF ADVANCE

There was hardly an instance in the time of passing of a tornado that it was so accurately reported from two or more places that the velocity of advance could be estimated satisfactorily. The Arkansas storm on February 24 traversed 58.5 miles, averaging 39 miles per hour. Likewise, the tornado on May 2 in Arkansas in Mississippi County traversed a path 35 miles in length in 1 hour, consequently the resulting lineal speed was 35 miles per hour.

SUMMARY FOR PAST YEARS

Table 3 gives the total number of tornadoes, deaths resulting from such storms, and the estimated property loss for the years 1916–35.

TABLE 3.—*Deaths and property loss caused by tornadoes, 1916–35*

Year	Reported	Aggregate loss of life	Aggregate reported property losses	Year	Reported	Aggregate loss of life	Aggregate reported property losses
	Number				*Number*		
1916	86	140	$2,514,500	1927	164	540	$43,445,650
1917	121	508	15,007,700	1928	203	92	12,235,600
1918	81	134	7,651,200	1929	197	274	10,049,400
1919	65	205	6,861,500	1930	192	179	12,289,100
1920	87	498	15,205,000	1931	94	36	3,215,400
1921	106	202	5,406,300	1932	152	394	8,988,525
1922	108	133	6,630,000	1933	260	362	16,190,640
1923	100	109	2,958,750	1934	147	47	4,424,950
1924	130	376	26,120,850	1935	182	70	4,752,930
1925	119	794	24,023,900				
1926	111	144	4,318,950	Total	2,705	5,237	233,247,845

ITEMS OF TABLE 4

Where two or more county names appear, the word "and" between them, or next to the last named county, indicates that the tornado path began in the first and continued in the order named, and was confined to those counties, unless it was one of the few tornadoes that crossed a State boundary, in which case only the portion within the single State is indicated.

The direction of advance is usually entered to 8 points of the compass, but occasionally to the 16 compass points. If the tornado changed direction, the curvature of path is outlined by two directions with a hyphen.

The length of path of a "not continuous" storm is not the length devastated, but the entire distance from first havoc to last. The width of path is usually the mean width, but occasionally the width has varied sufficiently that the limits of variation are given, that is, the minimum and maximum widths.

TABLE 4.—*Tornadoes of 1935, arranged by States*

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
ALABAMA				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
1. Mar. 6	3 p. m.	Geneva and Houston	ESE	20	400	0	22	9,000	Passed into Florida; no record obtained of disturbance in latter State.
2. Apr. 6	6:10 a. m.	Mobile	ENE	1/50	35	0	0	3,000	Length and width of path practically equal. Damage chiefly confined to a lumber yard.
3. Apr. 29	9:30 a. m.	Pike	E	5	100	0	3	4,000	Damage confined to one community.
4. May 20	7 a. m.	Escambia	NE	3½	100–150	0	8	5,000	
5. May 20	10:30 a. m.	Dale	NE	6	30–100	3	0	16,000	Dale County is about 55 miles due east of Escambia County.
ARKANSAS									
1. Feb. 24	9 p. m.	Sebastian	ENE	(1)	133	0	3	3,500	Path 58.5 miles; not continuous. Average linear speed 39 miles per hour.
	9:30 p. m.	Franklin	ENE	(1)	677	0	6	4,000	
	10:30 p. m.	Johnson	ENE	(1)	100	0	0	8,000	
2. Mar. 4	Afternoon	Ashley	NE	(2)	(3)	0	0	500	
3. Mar. 10	8 p. m.	Pope	NE	(2)	677	0	4	21,000	
4. Mar. 10	11 p. m.	Yell	SE	(2)	200	0	0	1,000	Origin 24 miles SW., from inception of no. 3.
5. Apr 5	2 p. m.	Mississippi	SE	(2)	33	0	6	7,000	
6. Apr. 5	3:30 p. m.	Clark	SE	4	200	0	3	6,000	Clark County, about 175 miles SW., of Mississippi County.
7. Apr. 19	8 p. m.	Polk	NE	(2)	300	0	0	5,000	
8. May 2	5:45 p. m.	Chicot	(2)	(2)	(3)	1	0	2,000	
9. May 2	6:30 p. m.	Mississippi	NE	35	(3)	3	23	100,000	Average linear speed 35 miles per hour.
10. May 18	4:30 p. m.	Pulaski	N	2½	(3)	0	(4)	30,700	Accompanied by thunderstorm.
11. June 21	8:30 a. m.	Miller	E	30	880–1760	3	15	100,000	Manifested as a severe windstorm in Bowie County, Tex., before reaching Miller County.
12. July 12	2:15 p. m.	Newton	SW	(2)	100	0	3	75,000	
13. Nov. 9	7 p. m.	Washington	NE	¼	150	0	3	1,500	About 300 trees in wood lot blown down.
COLORADO									
1. July 29	7:30 p. m.	Elbert	SW	(5)	(3)	0	0	1,000	Origin and dissipation within the vicinity of Byers.
FLORIDA									
1. Apr. 5	12:30 a. m.	Pasco	(2)	(2)	(3)	0	0	500	Struck 1 farm, scattered debris over a radius of 1,320 feet in 3 directions, viz, N., NE., and E.
2. June 24	10:30 a. m.	Hillsborough	(2)	(1)	200	0	1	3,000	Path about 7 or 8 blocks long; accompanied by heavy rain.
GEORGIA									
1. Mar. 6	(1)	Greene	ENE	(1)	(2)	0	0	(3)	Greene County origin.
	(1)	Taliaferro	ENE	(1)	(2)	0	0	(3)	Traversed NW., corner of Taliaferro County.
	(1)	Wilkes	ENE	(1)	(2)	0	0	(7)	A church and school destroyed; also, considerable farm property.
	4:45 p. m.	Lincoln	E	(1)	(2)	0	8	25,000	Path of no. 1 was not continuous; length about 60 miles.
2. Mar. 12	A. m.	Monroe	(2)	(2)	(2)	0	0	(7)	Rural property damaged.
3. Mar. 12	12:30 p. m.	Richmond	(2)	(2)	(2)	0	0	5,000	Only property damage.
4. Mar. 12	12:30–1 p. m.	Johnson	(2)	(2)	(2)	0	1	10,000	About 20 residental and farming buildings destroyed or damaged.
5. Mar. 12	1:15 p. m.	Lowndes	(2)	(2)	(2)	0	0	2,000	Tornado struck the county convict camp.
6. Mar. 26	9 p. m.	Fannin	(2)	6	300	0	4	25,000	

See footnotes at end of table.

TABLE 4.—*Tornadoes of 1935, arranged by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
ILLINOIS				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
1. Mar. 25	3:40 p. m.	Massac	ESE.	10	100	1	34	300,000	Accompanied by rain and hail. Damaged city and rural property.
2. Apr. 26	4 p. m.	Macoupin	NNE.	15	880	0	0	20,000	Path of destruction not continuous. Mostly property damage.
INDIANA									
1. May 2	3:30–4 a. m.	Sullivan	NE.	(2)	200	0	0	(7)	Tornado originated in the eastern portion of Sullivan County and passed into Greene County.
		Greene	NE.	4	200	0	17	70,000	
2. May 28	3:45 p. m.	Porter	NE.	(2)	(2)	0	0	(7)	Tornado of little intensity.
IOWA									
1. Mar. 20	3 p. m.	Sioux	NE.	(2)	880	0	0	1,000	Rural property damage.
2. Mar. 24	6 p. m.	Mahaska	SE.	(2)	330	0	0	60,000	Additional damage of $300 incurred by attendant hail.
3. July 14	Afternoon	Fayette	SE.	8	1,760	0	0	100,000	Accompanied by heavy rain and hail; rural property and crops damaged.
4. July 14	3:15 p. m.	Carroll	SE.	(2)	100	0	0	3,650	Attendant hailstorm incurred additional loss of $4,000 to crops; Carroll County about 126 miles WSW., of Fayette County.
5. July 23	6 a. m.	Polk	S.	(2)	(2)	0	0	4,000	Damage confined to an airport.
6. Aug. 8	4:45 p. m.	Guthrie	N.	(2)	(2)	0	0	(7)	
KANSAS									
1. Feb. 24	2 p. m.	Sedgwick	NE.	9	10–100	0	6	10,000	Property damage.
2. Feb. 24	4–4:30 p. m.	Elk and Wilson	NE.	20	100–200	0	5	17,000	Elk County is 35 miles ESE., of Sedgwick County.
3. Feb. 24	4:45 p. m.	Montgomery	NE.	3	30	0	1	150,000	Montgomery County adjacent to and SW., of Elk County; 14 residents wrecked, 20 damaged.
4. Feb. 24	6:45 p. m.	Cherokee	NE.	[1] 12	[1] 33–66	[1] 0	[1] 1	[1] 15,000	Cherokee County 25 miles E. of Montgomery County; tornado originated in Ottawa County, Okla. no. 1. [1] Figures for Kansas.
5. May 11	7:20 p. m.	Reno	NE.	2	880	0	1	10,000	
6. May 11	10 p. m.	Brown	E.	3	100	0	0	5,000	Rural property damaged; Brown County about 150 miles NE. of Reno County.
7. May 19	3 p. m.	Jewell and Republic	NE.	22	20	0	0	5,000	Mostly rural property damaged; accompanied by heavy rains.
8. May 19	3 p. m.	Republic	NE.	(2)	(2)	0	0	500	No. 8 occurred in the central portion and no. 7 in the NW. portion of county.
9. May 19	4 p. m.	Ford	(2)	(2)	(2)	0	0	0	Funnel-shaped cloud contacted ground only for a short interval. No. 9 about 160 miles SSW. from the vicinity of nos. 7 and 8.
10. May 27	8 p. m.	Jefferson	NE.	11	880	0	0	34,000	Numerous farm buildings destroyed.
11. May 31	4 p. m.	Johnson	(2)	(2)	(2)	0	0	(6)	Funnel cloud failed to reach ground.
12. May 31	4 p. m.	Phillips	NE.	5	100	0	0	10,000	Occurred about 230 miles WNW. of no. 11. Rural property damaged.
13. June 1	5 p. m.	Hodgeman and Pawnee.	SE.	12	100	0	0	(2)	Three funnel-shaped clouds observed.
14. June 2	3 p. m.	Sumner	SE.	[1] 15	[1] 880	[1] 0	[1] 9	[1] 100,000	Mostly rural property damaged; continued into Oklahoma as no. 7. [1] Figures for Sumner County.
15. June 11	(2)	Ford	(2)	(2)	(2)	0	0	(6)	Observed during a thunderstorm.
16. June 12	6 p. m.	Marshall	S.	5	220	0	0	800	Chief damage to farm buildings.
17. July 8	(2)	Clark	(2)	(2)	(2)	0	0	150	Funnel-shaped cloud definitely observed.
LOUISIANA									
1. Feb. 8	11:10 p. m.	Calcasieu	NE.	(2)	(2)	0	0	7,000	Details lacking.
2. Mar. 31	5:30 a. m.	West Feliciana	(2)	8	100	0	0	5,000	Property and timber damage.
3. Apr. 6	6:30 a. m.	East Carroll	SE.	7	880	9	0	75,000	Property damage.
4. Apr. 6	6:30 a. m.	Catahoula	NE.	3	17–33	0	0	15,000	No. 4 occurred about 42 miles SSW., from no. 3.
5. Apr. 6	9:30 p. m.	Concordia	NE.	½	200	0	0	5,000	
6. Apr. 26	7 p. m.	Red River	(2)	(2)	(2)	0	0	(7)	
7. May 20	(2)	Terrebonne	NE.	(2)	500	0	0	3,000	
MARYLAND									
1. Sept. 4	3:30 p. m.	Prince Georges, Calvert, Anne Arundel, and Queen Annes.	ENE.	40	20–880	0	3	200,000	Rural property and crops destroyed. Storm traversed Chesapeake Bay as a waterspout.
2. Sept. 5	6–6:30 p. m.	Somerset	NE.	10	100	0	3	5,100	Mostly rural property affected.

See footnotes at end of table.

TABLE 4.—*Tornadoes of 1935, arranged by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
MASSACHUSETTS				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
1. June 25	(2)	Bristol	(2)	(2)	(2)	0	0	(7)	Rural property destroyed.
MINNESOTA									
1. June 1	9 p. m.	Polk	NE	1	880	0	0	1,000	Rural property affected.
2. June 9	5:45 p. m.	Lyon	SE	9	25	0	3	(8)	Rural property damaged and livestock killed.
3. June 13	7:15 p. m.	Clay and Becker	E	15	30	0	(4)	50,000	Rural livestock and property loss. Possibly 2 tornadoes; path not continuous.
4. June 15	6-7 p. m.	Wilkin and Traverse	SE	5	880	0	0	20,000	Farm property affected; some livestock killed.
5. June 16	12:45 p. m.	St. Louis	NE	4½	1,760	0	0	100,000	Residential, business, and lake front property losses.
6. June 24	6:30 p. m.	Polk and Marshall	NE	25	(2)	0	0	4,500	Tornado character somewhat doubtful.
7. June 24	8 p. m.	Big Stone	NE	25	(2)	0	7	5,000	Do.
8. June 24	8-9 p. m.	Lincoln	NE	25	(2)	0	0	7,500	Tornado character somewhat doubtful. No. 8 occurred about 46 miles S. of no. 7.
9. July 3	12-1 p. m.	Polk and Norman	ESE	45	(2)	3	8	100,000	Tornado (possibly several) apparently the climax of a severe windstorm that began on the 3d at 4:30 a. m. in Dunn County, N. Dak., and advanced eastward across the State.
10. July 5	4 a. m.	Goodhue	NE	(2)	(2)	0	0	900	Tornado character somewhat doubtful.
11. July 11	8 a. m.	St. Louis	(2)	(2)	(2)	0	0	800	Do.
12. July 11	12 noon	Otter Tail	SE	4	(2)	0	0	5,000	Rural property destroyed or damaged. Occurred about 180 miles W. of no. 11
13. July 27	5:15 p. m.	Winona	NE	20	(2)	0	0	350,000	Tornado character somewhat doubtful. Attended by excessive rain.
14. Aug. 5	4:22 p. m.	McLeod and Carver	E	7	440	0	0	30,000	Property and crop loss.
15. Aug. 5	Afternoon	Rice	(2)	(2)	(2)	0	0	(9)	Tornado character somewhat doubtful. Occurred about 15 miles SE., of no. 14.
MISSISSIPPI									
1. Mar. 11	Afternoon	Warren	NE	(2)	(2)	0	0	3,000	Details lacking.
2. Mar. 11	5:45 p. m.	Bolivar	NE	(2)	50	1	11	10,000	Bolivar County, about 60 miles N., of Warren County.
3. Mar. 11	8 p. m.	Pontotoc	NE	8	1,760	0	3	250,000	Pontotoc County, about 90 miles ENE., from Bolivar County.
4. Mar. 27	4 p. m.	Tunica	SE	(2)	100	0	0	1,200	
5. Mar. 27	5 p. m.	Alcorn	SE	5	1,760	0	1	100,000	Alcorn County, 85 miles due E., from Tunica County.
6. Mar. 30	Afternoon	Neshoba	(2)	(2)	(2)	0	0	(2)	
7. Mar. 31	7:30 p. m.	Lawrence	NE	(2)	2,640	4	10	30,000	
8. Apr. 5	7:30 p. m.	Simpson	(2)	10	200	0	0	5,000	Property damage.
9. Apr. 6	About 6:45 p. m.	Sharkey, Issaquena, and Warren.	SE	17	(2)	0	10	125,000	Path not continuous. Damage confined to rural property.
10. Apr. 6	7:30 p. m.	Wilkinson and Amite	ESE	50	(2)	11	75	190,000	Path not continuous. One-half of town of Gloster destroyed. Evidence indicates the possible existence of several subsidiary tornadoes. Occurred about 50 miles due S., of Warren County.
11. May 6	8 p. m.	Simpson	NE	3	100	0	0	3,000	Details lacking.
12. May 19	11:40 p. m.	Hinds	NE	8	100	1	12	50,000	Do.
13. May 19	11:50 p. m.	Simpson	NE	(2)	100	0	4	2,000	Simpson County, adjacent to SE., corner of Hinds County.
MISSOURI									
1. Feb. 24	7 p. m.	Jasper	NE	[1] 12	[1] 67-100	[1] 0	[1] 30	[1] 37,500	Continuation of storm originating in Oklahoma (no. 1), passed through Kansas (no. 4), into Missouri. [1] Figures for Missouri.
2. May 2	3 a. m.	do	(2)	3	880	0	0	(7)	
MONTANA									
1. July 26	3 p. m.	Richland	SE	(2)	50	0	2	10,000	
NEBRASKA									
1. May 11	6:30-45 p. m.	Thayer	(2)	(2)	833	0	0	10,000	Property damage.
2. May 11	6:45 p. m.	Seward	(2)	(2)	(10)	0	1	20,000	Seward County, about 25 miles N., from Thayer County.
3. May 11	10 p. m.	Richardson	(2)	(2)	(20)	0	0	2,000	Occurred about 70 miles E., from no. 2. Accompanied by hail.

See footnotes at end of table.

TABLE 4.—*Tornadoes of 1935, arranged by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
NEBRASKA—continued				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
4. May 19	4:30 p. m.	Thayer	SE	(2)	833	0	0	7,000	Extended into Kansas, no record obtained.
5. May 31	(2)	Redwillow and Frontier.	(2)	(2)	(10)	5	22	150,000	
6. May 31	4 p. m.	Dawson	(2)	(2)	833	1	10	20,000	Dawson County, adjacent to and NE., of Frontier County.
7. May 31	5 p. m.	do	(2)	(2)	67	0	0	20,000	Rural property damaged.
8. May 31	7 p. m.	Buffalo	(2)	(2)	400	2	3	30,000	Property damage.
9. June 2	4 p. m.	York	(2)	(2)	333	0	0	1,000	Rural property damage.
10. June 5	6:15 p. m.	Lancaster	(2)	(2)	167	0	0	2,000	Funnel-shaped cloud observed. Rural property damaged.
11. June 24	6 p. m.	Holt	(2)	(2)	1,760	0	0	5,000	Rural property damaged.
12. June 27	10 a. m.	Valley	(2)	(2)	(10)	0	0	1,000	Do.
13. Aug. 1	8:30–9 p. m.	Webster	(2)	(2)	800	0	0	5,000	
14. Aug. 29	(2)	Dodge	(2)	(2)	1,760	0	0	7,000	
NEW MEXICO									
1. June 28	Afternoon	Dona Ana	(2)	(2)	100	0	0	6,000	Property damaged.
NEW YORK									
1. July 12	(2)	Thompkins and Cortland.	NE	17	(2)	0	0	(7)	Mostly rural property damaged.
2. July 19	3:30 p. m.	Jefferson	(2)	(2)	167	2	1	10,000	
NORTH DAKOTA									
1. June 20	1:30 p. m.	Grant and Sioux	NE	(2)	(2)	1	2	(7)	3 funnel-shaped clouds observed.
2. July 1	Afternoon	McKenzie and Mountrail.	NE	75	(2)	4	(4)	(2)	Path not continuous; funnel cloud intermittently elevated and returned to earth.
OHIO									
1. Aug. 8	4:30 p. m.	Franklin	E	1	220	0	0	5,000	Crop and property damaged.
OKLAHOMA									
1. Feb. 24	6:30 p. m.	Ottawa	NNE	[1] 10	[1] 67–100	[1] 1	[1] 20	[1] 8,000	Continued into Kansas as no. 4.[1] Figures for Oklahoma.
2. Apr. 24	7:30 p. m.	Noble	NE	11	(10)	0	1	30,000	3 well-defined, funnel-shaped clouds observed; path not continuous.
3. Apr. 24	7:30 p. m.	Kay	NE	12	1,760	0	0	(7)	Possibly a continuation of no. 2. Kay County adjacent and N., from Noble County.
4. May 8	7:30 p. m.	Grant	NE	3	400	0	3	28,000	
5. May 27	Afternoon	Kiowa	SE	6	440	0	3	5,000	Damage chiefly to property.
6. May 28	3:50 p. m.	Noble	NE	3½	25	0	0	2,725	
7. June 2	4:30 p. m.	Kay and Osage	SE	[1] 42	[1] 33–50	[1] 0	[1] 3 or 4	[1] (2)	Continuation of Kansas no. 14.[1] Figures for Oklahoma.
8. June 16	8 p. m.	Roger Mills	E	(2)	(2)	0	0	29,680	Strong straight-line winds occurred in vicinity of disturbance over an area 20 by 37 miles.
9. June 17	2:30 p. m.	Muskogee	E	1	500	0	5	155,000	
10. June 17	3:30 p. m.	Sequoyah	SE	½	200	0	0	5,000	Sequoyah County adjacent and SE., of Muskogee County.
11. June 20	5:30 p. m.	Osage	SE	2½	75	0	0	25,000	Disturbance killed 186 cattle in 1 herd.
12. June 20	6:30 p. m.	do	SE	1½	880	0	5	7,000	Possibly an interrupted continuation of no. 11.
13. Nov. 9	4 p. m.	Wagoner and Cherokee.	NE	20	50	0	5	16,875	
PENNSYLVANIA									
1. Aug. 1	7:15 p. m.	Montgomery	ESE	(2)	100	0	0	5,000	A distinct funnel-shaped cloud observed.
SOUTH CAROLINA									
1. Apr. 29	7:30 p. m.	Kershaw	E	18	30	0	0	150	
2. May 20	2:45 p. m.	Orangeburg	NE	2	880	0	(4)	40,000	
3. May 21	(2)	Charleston	(2)	(2)	(2)	0	0	100	
4. Sept. 4	10:30 p. m.	Colleton	(2)	(2)	200	0	1	2,000	
5. Sept. 5	3 a. m.	Lexington	NW	½	50	0	0	2,000	
6. Sept. 5	4 a. m.	Florence	(2)	(2)	75	0	0	300	Florence County, about 53 miles E., of Lexington County.
7. Sept. 5	A. m.	Dillon	(2)	(2)	50	0	0	1,500	Rural property destroyed and damaged. Possibly a continuation of no. 6. Dillon County adjacent and NE. of Florence County.
8. Nov. 12	4 p. m.	Anderson	NE	¼	300	0	5	6,000	
SOUTH DAKOTA									
1. Apr. 26	12:30 p. m.	Kingsbury	W	(2)	440	0	0	(11)	A well-defined funnel-shaped cloud observed.
2. June 15	3 p. m.	Sully	(2)	(2)	55–165	0	5	25,000	

See footnotes at end of table.

TABLE 4.—*Tornadoes of 1935, arranged by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
TENNESSEE				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
1. Mar. 25	3:30 p. m.	Jefferson	NE.	(2)	67	0	0	50,000	Details lacking.
2. Mar. 25	7 p. m.	Rutherford and Cannon.	E.	22	(2)	2	10	15,000	Cannon County, about 75 miles W. of Jefferson County.
3. Mar. 25	9 p. m.	Hamilton	(2)	4	200	0	4	25,000	Hamilton County, about 65 miles SE. of Cannon County.
4. Mar. 28	6:15 p. m.	Davidson and Wilson.	(2)	17	100	1	0	18,500	
TEXAS									
1. Feb. 8	6:15 p. m.	Harrison	NW.	(2)	50	0	0	3,000	
2. Feb. 8	8–11 p. m.	Orange	E.	(2)	33	0	0	4,500	Orange County, several hundred miles S. of Harrison County.
3. Mar. 4	4:30 p. m.	Kaufman	NE.	10	880	1	15	100,000	
4. Mar. 21	Night	Stonewall	(2)	(2)	200	0	0	(4)	
5. Mar. 30	10:20 p. m.	Jim Wells	E.	6½	880	1	7	12,800	Attended by hail.
6. Apr. 2	3:30 p. m.	Travis	S.	(5)	(2)	0	0	800	
7. Apr. 3	5:30 a. m.	Hill	SE.	(2)	100	0	2	(9)	
8. Apr. 6	3:30 p. m.	Polk	SE.	(2)	880	0	7	18,000	
9. Apr. 6	4:35 p. m.	Shelby	E.	(2)	200	0	9	1,500	Occurred about 85 miles NNE. from vicinity of no. 8.
10. Apr. 10	5:30 a. m.	Ellis	E.	(2)	(10)	0	1	3,000	Property damage.
11. Apr. 19	7 a. m.	Jasper	E.	2	1,760	0	2	50,000	
12. Apr. 29	6:30 a. m.	Tyler and Jasper	ESE.	35	(2)	0	3	1,000	
13. May 11	5 a. m.	Caldwell	NE.	2	(10)	0	0	20,000	
14. May 18	A. m.	Comal	NE.	(2)	50	0	0	(9)	
15. May 18	3 a. m.	Somervell	N.	(2)	(2)	0	6	4,000	Occurred several hundred miles north of no. 14.
16. May 18	6:30 a. m.	Robertson	SE–NE.	(2)	200	0	8	100,000	Tornado approached from NW. and curved to NE. Occurred more than 100 miles distant from either nos. 14 or 15.
17. May 18	7 a. m.	Falls	NE.	6	880	0	0	3,000	Occurred about 35 miles NNW. of no. 16.
18. May 18	8 a. m.	Leon	NE.	18	880	0	1	200	Occurred about 67 miles NE. of no. 16; possibly reappearance of same.
19. May 18	9:30 a. m.	Houston	NE.	2	75	2	3	[12] 25,000	Occurred about 35 miles E. of no. 18.
20. May 18	12:30 p. m.	do	E.	15	30	2	43	25,000	Occurred about 41 miles SSE. and SSW. of nos. 18 and 19, respectively.
21. May 18	Afternoon	Shelby	(2)	10	880	0	14	25,000	Occurred about 65 miles ENE. of no. 19.
22. May 26	11 p. m.	Carson	SE.	(2)	(10)	0	6	15,000	
23. June 12	8 p. m.	Nueces	SW-N	(2)	33	0	0	(2)	Small tornado.
24. June 15	(2)	Kaufman	(2)	(2)	(2)	1	0	(2)	Details lacking.
25. June 17	7:30 p. m.	Erath	(2)	(2)	(2)	2	2	(9)	Do.
26. July 12	5 p. m.	Callahan	NE.	(2)	880	0	0	(11)	
27. July 27	2 p. m.	Williamson	S.	2	500	0	0	500	
28. Aug. 10	(2)	Anderson	(2)	(2)	(2)	0	0	100	Details lacking.
VIRGINIA									
1. Mar. 12	11:15 a. m.	Mathews	(2)	(2)	100	0	0	2,000	Tornado character somewhat doubtful.
2. Sept. 5	10 a. m.	Pittsylvania	(2)	3	1,760	0	0	7,500	Funnel-shaped cloud made broken contact with ground.
3. Sept. 5	1:30 p. m.	Prince Edward	(2)	(2)	100–500	2	12	55,000	Occurred about 70 miles NE. of no. 2.
4. Sept. 5	4 p. m.	Norfolk	NE.	(2)	200	0	0	22,000	Occurred more than 100 miles ESE., of no. 3.
5. Sept. 5	7:15 p. m.	Middlesex	(2)	(2)	20	0	0	5,900	Occurred about 50 miles N. of no. 4.
6. Sept. 5	7:30 p. m.	King And Queen	(2)	(2)	75	0	0	1,000	Occurred about 20 miles almost due west of no. 5.
7. Sept. 5	9 p. m.	Sussex	(2)	(2)	200–400	0	0	3,000	Occurred about 40 miles SW. of no. 6.
WISCONSIN									
1. Apr. 26	Afternoon	Vernon	(2)	(8)	(2)	0	0	(11)	
2. July 5	5:45 p. m.	Eau Claire and Clark	E.	3	33–167	0	0	12,000	
3. July 5	7:15 p. m.	Marathon	ENE.	25	100–167	0	0	125,000	Origin about 40 miles ENE. from termination of no. 2. Path not continuous.
4. July 11	5:30 p. m.	Langlade	E.	(2)	880	0	1	10,000	Possibly continued into Shawano County.
5. Sept. 17	(2)	do	(2)	(2)	33	0	0	1,000	Small tornado.
6. Oct. 16	5:30 p. m.	Polk	(2)	½	67	0	0	4,000	
7. Oct. 16	(2)	do	(2)	(8)	(3)	0	0	500	Small tornado; occurred 9 miles SE. of no. 6.

[1] See adjoining remarks.
[2] Data unobtained.
[3] Narrow.
[4] Several injured.
[5] Slight damage.
[6] None reported.
[7] Damage occurred—no estimate secured.
[8] Short.
[9] Several thousand.
[10] Wide.
[11] Few hundred.
[12] Additional losses—no estimate secured.

HAIL, 1935

Information about damaging hail has once more been collected, but special efforts were exerted to establish losses for the crop season, April to September 1935, inclusive. The regular and cooperative stations have furnished practically all of this information, which was first assembled by the officials in charge at the various section centers. Total property losses (crop included) for the year 1935 were estimated at over $9,471,401, which is probably too low, as in many cases the damage was described as "severe", "considerable", or amounting to "many thousands of dollars." Hail occurred somewhere in the United States every month of the year, and losses were incurred in all months, except January and December.

Losses incurred by hailstorms in the United States prior to the crop season (March to September, inclusive) were negligible, except for one instance in Texas and several in Oklahoma. On February 24 a moderately severe hailstorm occurred in Pawnee County, Okla., causing $35,000 property damage. Hailstones ranged in size from ¼ to 1 inch in diameter. Also on the same day in Washington County, hail incurred damage amounting to $10,000. During the month of March in Oklahoma hail damage amounted to $550,500. The most severe storm for the month in Oklahoma occurred in Okmulgee County and vicinity. The hailstorm covered an area of approximately 600 square miles, about 70 percent of the roofs of the houses in the city of Okmulgee were damaged. On March 23 in Kingfisher County $70,000 hail damage was sustained. On the same date, Logan, Creek, and Oklahoma Counties suffered $125,000, $113,000, and $7,500 damages, respectively. Hailstones in Logan County ranged from ⅝ to 2 inches in diameter, damaging roofs and windows of residences and business houses, and completely demolishing greenhouses in the path of the storm. On March 5 an unusually severe hailstorm passed over San Antonio, Tex. Property damage within the city limits amounted to $1,005,000. Property losses in the surrounding sections were reported as small.

In the post-crop season the States of Oklahoma and Kansas reported losses of $4,000 and $5,000, respectively, in October. No losses were reported during November.

LOSSES DURING THE CROP SEASON

During the crop season (6 months, April–September), the frequency of damaging hailstorms was quite high, and damage was correspondingly greater, due in part to the condition of vegetation and in part to the fact that in the summer months the distribution of atmospheric elements is conducive for the generation of severe thunderstorms essentially necessary to the formation of destructive hail. The estimated property and crop losses for the season, April–September, amounted to $7,896,991. June, with damage estimated at $2,241,226, was the month with the greatest loss. April was second with $1,605,000, and August with $1,443,882, was third; figures for the other 3 months are: May $1,165,000; July $1,291,883, and September, $150,000.

Damaging hail occurred in every State except California, Delaware, Massachusetts, Nevada, and Rhode Island during the crop season. The Alaskan section center reported hail damage during June and August; no definite figures of losses were obtained. No hail of damaging consequence was reported in the District of Columbia, Puerto Rico, Hawaii, or the Virgin Islands.

Oklahoma, with a total hail damage estimated at $1,836,758, had the greatest property loss (crops included) in the season. Second place went to Nebraska, with losses amounting to $1,364,000, and Montana was third with losses of $1,041,000. The most severe singular hailstorm in the crop season (also for the year) occurred on April 17 in Kay County, Okla. The total loss sustained was $1,250,000—$500,000 of this was property damage, the remainder $750,000 was mostly crop damage. The area affected was about 12 square miles. On June 20 a hailstorm in Nebraska extending from Custer County to Gage County incurred damage amounting to $1,000,000. In Oklahoma on May 29 in Garvin County, hail losses amounted to $400,000. Hailstones measured as large as 3 inches in diameter. In the more northern sections of the country, the State of New York during August suffered hail damage amounting to $810,000, principally to crops.

Table 5 shows the property losses (crop losses included) by sections during the crop season, April to September, inclusive, 1935.

TABLE 5.—*Losses from hailstorms, during crop season 1935*

State	Apr.	May	June	July	Aug.	Sept.	Season
Alabama	(1)						(1)
Alaska			(1)		(1)		(1)
Arizona	(1)	(1)	(1)	(1)		(1)	(1)
Arkansas	[2] $30,000	(1)	[2] $16,000				[2] $46,000
Colorado		(1)	[2] 60,000		(1)	(1)	[2] 60,000
Connecticut			(1)		(1)		(1)
Florida	(1)	$500	(1)				500
Georgia	(1)	(1)	(1)				(1)
Idaho			50,000	[2] $10,000			[2] 60,000
Illinois	(1)	[2] [3] 85,000	[2] 96,586				181,586
Indiana		(4)		(1)	(4)		[1, 4]
Iowa				[5] 961,147			961,147
Kansas	[2] 10,000	[2] 82,500	[2] 80,000	(1)		(1)	[2] 172,500
Kentucky		(1)	(1)				(1)
Louisiana	16,000		(4)		(4)	(4)	16,000
Maine			(4)		(4)	(4)	(4)
Maryland	(1)						(1)
Michigan			(1)	(1)	(1)	(1)	(1)
Minnesota		(6)	35,000	(6)	(4)		35,000
Mississippi	(1)	(1)					(1)
Missouri	(1)	100,000	(1)				100,000
Montana	(1)	(1)	(1)	870,000	[7] $171,000		1,041,000
Nebraska	8,000	37,000	[2] 1,276,000	10,000	[2] 33,000		[2] 1,364,000
New Hampshire		(1)			(1)	(1)	(1)
New Jersey		(1)		(1)			(1)
New Mexico		(1)	(1)			(1)	(1)
New York					810,000		810,000
North Carolina	(1)	300,000					300,000
North Dakota		(1)	(1)	(1)	(1)		(1)
Ohio		(1)	[2] 5,000	(1)	(1)		[2] 5,000
Oklahoma	1,320,000	432,000	[2] 73,258	11,500			[2] 1,836,758
Oregon	(1)	(1)	(1)	(1)	(1)		(1)
Pennsylvania	(1)	(1)	(1)	(1)	(1)	(1)	(1)
South Carolina		[2] 12,500					[2] 12,500
South Dakota		(1)	(1)	45,000	109,500		154,500
Tennessee	(1)					(1)	(1)
Texas	[2] 221,000	[2] 110,500					[2] 331,500
Utah	(1)	(1)		(1)	(1)	(1)	(1)
Vermont		(1)			(1)	(1)	(1)
Virginia		5,000	150,000				155,000
Washington	(1)		[2] 65,000	(1)			65,000
West Virginia	(1)	(1)		(1)			(1)
Wisconsin	(4)		9,000	20,000	(1)	[2] $150,000	[2] 179,000
Wyoming			[2] 10,000	(1)	(1)		[2] 10,000
Total	1,605,000	1,165,000	[8] 2,241,226	[8] 1,291,883	[8] 1,443,882	150,000	7,896,991

[1] Losses ocurred; no estimate secured.
[2] Losses in addition to amount stated, not readily estimated.
[3] Includes $14,586 paid out by insurance companies.
[4] Slight damage.
[5] Includes, $74,851 paid by one of largest insurance companies in the State.
[6] Considerable damage.
[7] Includes $391,211 paid by the State and private insurance companies.
[8] Iowa's total loss for 3 months, June, July, and August, divided by 3 and added to the respective monthly totals.

LOSSES FROM WINDSTORMS, 1935

For the twentieth consecutive year statistics have been collected, chiefly through the field-service officials of the Bureau, of the losses of property and life resulting from all classes of severe winds except those that were considered to have been tornadoes. Table 6 shows the results; the amounts presented are merely estimates, and frequently it was not feasible to make even a rough estimate, so that a reference is substituted. In nearly all instances where such references appear they stand for comparatively small losses.

TABLE 6.—*Losses from windstorms, other than tornadoes, by months and sections, 1935*

State or section	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Number of— Deaths	Number of— Injuries
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*		
Alabama			700	50									750	0	0
Alaska			(1)							[2] 30,000			30,000	0	0
Arizona							(1)	(1)	(1)				(1)	0	1
Arkansas	2,000				21,800	5,000							28,800	1	3
California				(1)		(3)	(3)			55,000	(3)		55,000	0	0
Colorado	(3)	(1)	20,500		(3)				(1)				20,500	7	105
Florida						200			7,500,000		5,520,000	(1)	13,020,200	417	115
Georgia						(1)			(1)				(1)	0	0
Hawaii	(1)												(1)	0	0
Idaho							(1)						(1)	0	0
Illinois	(1)		1,200	1,000	[2] 30,100	150	(1)	[2] 10,000		1,000			43,450	0	1
Indiana					(1)		(1)	15,600					15,600	0	0
Iowa				(1)		200	102,300	4,000	2,000	20,000			128,500	0	2
Kansas			550	50	15,800	150,000		[4] 50,000					216,400	0	0
Kentucky			15,000		[2] 80,000	50,000	50,000						195,000	2	1
Louisiana			3,000	58,000				6,000					67,000	1	2
Maryland-Delaware	(1)			(1)	(1)	100,000		100,000	[1] 164,100				364,100	0	2
Michigan			(4)		(1)	5,000							5,000	0	11
Minnesota				2,500	62,200	25,000	4,500	40,000		(1)			134,200	0	2
Mississippi	(3)		(1)										(1) (3)	0	0
Missouri		(3)		(1) (3)	100,000	20,000	37,000	13,000					170,000	0	0
Montana	2,000		600	(1)		15,000	(1)	5,000					22,600	2	------
Nebraska								(1)					(1)	0	0
Nevada														0	0
New England				(1)				(1)			2,000		2,000	0	0
New Jersey														0	0
New Mexico	(1)		(1)	(1)	(1)		1,000	(1)				(1)	1,000	0	2
New York	(1)		2,000				(1)	3,000					5,000	0	0
North Carolina			250,000										250,000	0	0
North Dakota						(1) (4)	(1)	(1)					(1) (4)	0	1
Ohio				25,000			5,000	(1) (3)					30,000	0	0
Oklahoma			1,550	20,000		1,000	10,500			100			33,150	0	0
Oregon												50,000	50,000	0	0
Pennsylvania	(1)						(1)	15,000					15,000	0	0
Puerto Rico														0	0
South Carolina			17,000		4,500				15,000				36,500	0	------
South Dakota						58,000	70,000	51,500					179,500	0	3
Tennessee			64,000		(1)	7,000	4,500	2,150					77,650	5	15
Texas		[4] 30,000	[4] 325,000	575,000	164,000	453,000							1,547,000	24	225
Utah				(1)									(1)	0	0
Virginia	120,000				4,000	10,000	16,600		6,000				156,600	0	0
Virgin Islands														0	0
Washington			(3)	(3)		(1)				10,000			10,000	1	0
West Virginia															
Wisconsin			20,000	30,000		(3)	6,000	30,000	10,000				96,000	1	5
Wyoming														0	0
Total	124,000	30,000	[5] 905,600	711,600	482,400	[6] 899,550	307,400	345,250	[1] 7,697,100	116,100	[2] 5,522,000	50,000	17,191,000	461	496

[1] Losses occurred; no estimate secured.
[2] Losses in addition to amount stated, not readily estimated.
[3] Slight damage occurred.
[4] Additional loss of several thousand dollars.
[5] Considerable damage occurred.

Deaths and fire losses caused by lightning, also havoc and loss of life caused by floods of streams are omitted from table 6, even though high winds were a feature of the electrical storm that caused the downpour. When hail or beating rain, or both, accompanied these strong winds, or in the colder months, sleet, glaze, or heavy snow, to aid in causing damage an effort is made to estimate what share of the total loss was due to winds.

The number of deaths attributed to windstorms other than tornadoes in 1935 was 461, compared with 109 in 1934. The total losses caused by these storms in 1935 was $17,191,000, or $2,306,173 less than the figure for the preceding year. Only two States, Florida and Texas, reported losses of more than a million dollars, with Florida having the largest total, $13,020,200, and Texas $1,547,000. In 11 other States damage amounted to $100,000 or more.

September and November were the months of greatest property loss, most of which was caused by hurricanes. Five tropical disturbances were charted for the period from August 18 to November 8, 1935, three of which affected extreme southern Florida, two seriously, and one of these was of devastating violence. The hurricane that swept the southern part of Florida during September 1–4 caused 412 deaths and property damage amounting to $7,500,000. The second storm seriously affecting Florida occurred on November 4, causing 5 deaths, 115 injuries, and property damage amounting to $5,520,000. Other severe windstorms were: In Val Verde County, Tex., a windstorm on March 21 caused property damage of $325,000, also, on April 4 in Maverick County, winds caused 1 death, 139 injuries, and $500,000 property damage. Outside of Florida, Texas was the State with the greatest loss of life, 24 for 1935, 13 of which occurred in February. The aggregate total of injuries for 1935 amounted to somewhat more than 496.

Table 7 shows the deaths and property losses caused by windstorms, other than tornadoes, since 1916.

TABLE 7.—*Deaths and property losses caused by windstorms, other than tornadoes, 1916–35*

Year	Number of lives lost	Property damage	Year	Number of lives lost	Property damage
1916	65	$11,712,125	1927	64	$6,783,160
1917	25	1,400,550	1928	1,947	88,836,000
1918	79	7,602,200	1929	46	20,334,600
1919	344	28,170,760	1930	49	5,706,000
1920	42	4,735,400	1931	17	7,773,000
1921	65	13,174,650	1932	306	42,657,360
1922	133	5,055,800	1933	156	65,604,100
1923	68	5,261,800	1934	109	19,497,173
1924	78	13,545,750	1935	461	17,191,000
1925	88	11,612,380			
1926	357	93,610,250	Total	4,499	470,264,058

SUNSHINE, 1935

Table 8 gives for 163 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 1 hour after sunrise and for about 1 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 Climatology.

TABLE 8.—*Monthly amounts and possible percentage of sunshine, 1935*

Stations	January		February		March		April		May		June	
	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible
Albany, N. Y	143	49	112	38	182	49	186	46	273	60	257	56
Albuquerque, N. Mex	213	68	194	63	248	67	284	72	282	65	389	90
Alpena, Mich	54	19	120	41	196	53	261	64	328	71	262	56
Amarillo, Tex	195	62	195	64	198	53	182	46	195	45	305	70
Asheville, N. C	130	42	141	46	175	47	174	44	253	58	308	71
Atlanta, Ga	166	53	176	57	228	61	224	57	320	74	330	76
Atlantic City, N. J	135	44	153	51	158	43	168	42	256	58	249	56
Augusta, Ga	217	68	210	68	291	78	288	74	380	88	380	89
Austin, Tex	152	47	178	57	182	49	199	51	221	52	260	62
Baker, Oreg	153	53	164	56	196	53	251	62	371	80	361	77
Baltimore, Md	160	53	168	56	198	53	200	50	272	61	309	69
Binghamton, N. Y	105	35	89	30	135	36	156	39	266	59	245	54
Birmingham, Ala	143	45	157	51	225	61	225	57	322	74	311	72
Bismarck, N. Dak	99	36	171	59	192	52	193	47	200	43	282	59
Block Island, R. I	147	49	140	47	192	52	202	50	274	61	225	50
Boise, Idaho	120	41	109	37	174	47	213	53	332	73	378	82
Boston, Mass	142	48	132	44	225	61	162	40	254	56	207	46
Brownsville, Tex	200	60	192	61	221	59	206	54	230	55	248	60
Buffalo, N. Y	108	37	117	40	192	52	211	52	313	69	282	61
Burlington, Vt	126	44	125	43	199	54	184	45	263	57	233	50
Canton, N. Y	142	50	126	43	186	50	184	46	272	59	228	49
Cape Henry, Va	105	34	160	53	196	53	172	44	291	66	348	79
Charles City, Iowa	127	43	117	40	184	50	183	45	224	49	247	54
Charleston, S. C	197	62	194	63	261	70	269	69	314	73	303	71
Charlotte, N. C	140	45	183	60	228	62	212	54	293	67	368	85
Chattanooga, Tenn	111	35	131	43	173	47	187	48	304	70	275	63
Cheyenne, Wyo	247	83	238	80	295	80	236	59	168	37	359	80
Chicago, Ill	148	50	78	26	208	56	217	54	232	51	258	57
Cincinnati, Ohio	125	41	104	35	174	47	200	50	194	44	253	57
Cleveland, Ohio	85	29	82	28	204	55	209	52	258	57	271	60
Columbia, Mo	108	35	112	37	161	43	167	42	128	29	216	48
Columbus, Ohio	114	38	69	23	170	46	163	41	211	47	242	54
Concordia, Kans	178	59	161	54	252	68	252	63	239	54	368	82
Dallas, Tex	151	48	173	56	201	54	184	47	221	51	258	60
Davenport, Iowa	124	42	95	32	185	50	194	48	193	43	240	53
Del Rio, Tex	164	50	203	65	202	54	256	66	226	54	207	49
Denver, Colo	231	77	208	69	261	70	179	45	143	32	309	69
Des Moines, Iowa	138	47	137	46	212	57	195	49	182	40	276	61
Detroit, Mich	108	37	102	34	232	63	200	50	264	59	253	56
Devils Lake, N. Dak	130	47	164	57	190	52	205	50	257	55	297	62
Dodge City, Kans	220	72	208	69	288	78	263	66	244	55	331	75
Dubuque, Iowa	132	45	103	35	187	50	225	56	261	58	274	60
Duluth, Minn	106	38	136	47	177	48	229	56	289	62	264	56
Eastport, Maine	115	40	144	49	241	65	236	58	266	58	229	49
Elkins, W. Va	125	41	88	29	140	38	151	38	213	48	227	51
El Paso, Tex	212	66	207	67	253	68	308	79	337	79	360	84
Erie, Pa	70	24	95	32	187	51	210	52	283	63	310	68
Escanaba, Mich	111	39	127	44	168	45	226	55	324	70	219	46
Eureka, Calif	102	35	150	50	224	61	225	56	280	62	308	68
Evansville, Ind	160	52	154	51	165	44	176	44	195	44	221	50
Fairbanks, Alaska	78	48	64	27	240	66	355	78	323	56	332	51
Fort Smith, Ark	152	48	150	49	143	39	146	37	183	42	250	58
Fort Wayne, Ind	116	39	79	27	191	52	154	39	230	51	261	58
Fort Worth, Tex	163	51	188	61	211	58	233	60	251	58	295	69
Fresno, Calif	119	39	160	53	256	69	295	75	411	94	440	100

TABLE 8.—*Monthly amounts and possible percentage of sunshine, 1935*—Continued

Stations	July		August		September		October		November		December		Annual	
	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible
Albany, N. Y.	315	68	314	73	180	48	202	59	74	25	100	36	2, 338	51
Albuquerque, N. Mex.	360	81	326	78	318	85	304	87	240	77	219	72	3, 377	75
Alpena, Mich.	334	71	302	69	199	53	154	45	40	14	26	9	2, 276	47
Amarillo, Tex.	346	78	300	72	244	66	208	60	169	54	190	62	2, 727	61
Asheville, N. C.	274	62	278	66	249	67	256	73	154	50	146	48	2, 538	56
Atlanta, Ga.	294	67	281	68	279	75	271	77	175	56	165	54	2, 909	65
Atlantic City, N. J.	291	64	259	61	216	58	258	75	81	27	105	36	2, 329	51
Augusta, Ga.	324	74	341	82	253	68	294	84	199	63	193	62	3, 370	75
Austin, Tex.	324	75	338	83	218	59	213	60	112	35	101	32	2, 498	55
Baker, Oreg.	414	88	388	89	343	91	231	68	182	64	143	52	3, 197	69
Baltimore, Md.	323	71	286	68	221	59	249	72	114	38	141	48	2, 641	58
Binghamton, N. Y.	261	57	212	49	129	34	159	46	50	17	29	10	1, 836	39
Birmingham, Ala.	314	71	283	68	281	76	278	79	162	52	175	57	2, 875	64
Bismarck, N. Dak.	366	76	306	70	246	65	214	64	86	30	118	44	2, 473	54
Block Island, R. I.	236	52	306	72	219	59	277	80	87	29	113	39	2, 418	53
Boise, Idaho	399	85	398	92	346	92	267	78	146	51	89	32	2, 971	64
Boston, Mass.	248	54	267	62	163	43	251	73	90	31	126	44	2, 267	50
Brownsville, Tex.	292	69	299	74	193	52	260	73	144	44	68	21	2, 553	57
Buffalo, N. Y.	346	74	276	64	206	55	199	58	90	31	60	21	2, 400	51
Burlington, Vt.	325	69	339	78	184	49	179	53	54	19	80	29	2, 291	49
Canton, N. Y.	281	60	298	68	180	48	145	43	80	28	99	36	2, 221	48
Cape Henry, Va.	299	67	313	74	220	59	249	71	97	32	131	44	2, 581	56
Charles City, Iowa	359	77	313	73	234	62	186	55	95	32	74	26	2, 343	50
Charleston, S. C.	231	53	255	62	194	52	284	81	188	60	190	61	2, 880	65
Charlotte, N. C.	291	66	290	70	243	65	280	80	193	62	180	59	2, 901	65
Chattanooga, Tenn.	322	73	262	63	262	71	222	63	137	44	106	35	2, 492	55
Cheyenne, Wyo.	332	72	332	78	282	75	267	78	204	69	227	79	3, 187	72
Chicago, Ill.	339	74	298	70	271	72	217	63	75	26	105	37	2, 446	53
Cincinnati, Ohio	314	69	279	66	283	76	196	56	84	28	86	29	2, 293	50
Cleveland, Ohio	337	73	230	54	265	71	202	59	54	18	31	11	2, 228	47
Columbia, Mo.	337	74	306	72	267	71	151	44	89	29	174	59	2, 216	49
Columbus, Ohio	300	66	258	61	278	74	197	57	66	22	60	21	2, 128	46
Concordia, Kans.	436	96	331	78	300	80	200	58	139	46	124	43	2, 980	65
Dallas, Tex.	344	79	339	82	193	52	176	50	112	36	142	46	2, 494	55
Davenport, Iowa	368	80	324	76	243	65	188	55	88	30	87	30	2, 329	50
Del Rio, Tex.	282	66	353	87	213	58	194	55	120	37	104	33	2, 524	56
Denver, Colo.	318	70	269	63	243	65	223	65	159	53	196	67	2, 739	62
Des Moines, Iowa	384	83	323	75	257	69	205	60	93	32	111	39	2, 513	55
Detroit, Mich.	290	63	215	50	198	53	195	57	61	21	58	20	2, 175	47
Devils Lake, N. Dak.	367	76	296	67	253	67	199	59	124	45	101	39	2, 583	56
Dodge City, Kans.	412	92	347	82	305	82	235	68	175	58	213	72	3, 241	72
Dubuque, Iowa	385	83	353	82	255	68	199	58	72	24	70	25	2, 516	54
Duluth, Minn.	332	69	258	59	211	56	115	34	66	24	67	25	2, 250	48
Eastport, Maine	287	61	271	62	205	55	213	63	68	24	121	44	2, 396	52
Elkins, W. Va.	233	51	238	56	210	56	190	55	111	37	56	19	1, 982	43
El Paso, Tex.	361	83	300	73	283	76	276	78	244	77	242	77	3, 382	76
Erie, Pa.	368	80	269	63	230	61	177	52	38	13	26	9	2, 263	47
Escanaba, Mich.	315	66	229	52	201	53	168	50	71	25	54	20	2, 213	47
Eureka, Calif.	273	60	249	58	95	25	170	49	147	49	104	36	2, 327	51
Evansville, Ind.	313	70	259	61	291	78	205	59	86	28	141	48	2, 366	52
Fairbanks, Alaska	336	54	220	43	98	25	64	21	82	43	33	26	2, 225	45
Fort Smith, Ark.	367	83	360	86	255	70	159	45	105	34	149	49	2, 419	53
Fort Wayne, Ind.	322	70	277	65	263	70	193	56	71	24	78	27	2, 235	48
Fort Worth, Tex.	368	84	344	83	193	52	171	49	112	36	144	46	2, 673	59
Fresno, Calif.	434	97	402	96	354	95	312	90	210	69	199	66	3, 592	79

TABLE 8.—*Monthly amounts and possible percentage of sunshine, 1935*—Continued

Stations	January		February		March		April		May		June	
	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible
Galveston, Tex	168	52	194	62	181	49	224	58	243	58	282	67
Grand Junction, Colo	186	61	209	69	234	63	227	57	253	57	378	85
Grand Rapids, Mich	68	23	83	28	193	52	227	56	269	59	253	55
Green Bay, Wis	133	46	80	27	149	40	195	48	261	57	203	44
Greensboro, N. C	123	40	175	57	174	47	178	45	244	56	326	75
Harrisburg, Pa	142	47	155	52	192	52	208	52	286	64	309	69
Hartford, Conn	147	50	160	54	216	58	226	56	323	71	260	57
Havre, Mont	111	41	213	75	240	65	274	66	313	66	319	66
Helena, Mont	120	43	190	66	217	59	251	61	291	62	328	69
Honolulu, T. H	198	58	198	62	189	51	270	71	249	61	258	64
Houston, Tex	183	56	196	63	204	55	215	56	253	60	285	68
Huron, S. Dak	138	48	170	58	234	63	210	52	231	50	332	72
Indianapolis, Ind	145	48	101	34	188	51	190	48	206	46	272	60
Ithaca, N. Y	91	31	106	36	149	40	166	41	263	58	250	55
Jacksonville, Fla	230	71	224	72	288	78	312	81	305	72	295	70
Juneau, Alaska	81	36	54	21	219	60	172	40	115	22	194	36
Kalispell, Mont	51	18	100	35	120	33	234	57	317	67	308	64
Kansas City, Mo	126	42	154	51	222	60	215	54	150	34	258	58
Keokuk, Iowa	122	40	99	33	173	47	179	45	153	34	234	52
Key West, Fla	243	73	260	82	316	85	308	81	345	83	310	76
Knoxville, Tenn	134	43	131	43	188	51	187	47	261	60	303	69
La Crosse, Wis	133	46	111	38	188	51	229	57	262	57	260	56
Lander, Wyo	160	55	192	65	244	66	227	56	162	36	319	69
Lansing, Mich	94	32	99	34	231	62	241	60	272	60	249	54
Lincoln, Nebr	158	53	178	60	239	64	208	52	137	31	310	69
Little Rock, Ark	170	54	152	50	199	54	204	52	240	55	308	71
Los Angeles, Calif	207	66	207	67	239	64	223	57	243	56	280	65
Louisville, Ky	134	44	137	45	182	49	211	53	263	60	268	61
Macon, Ga	187	59	192	62	247	66	261	67	359	83	362	84
Madison, Wis	126	43	88	30	171	46	204	51	224	49	218	47
Marquette, Mich	54	19	94	33	146	39	208	51	280	60	176	37
Memphis, Tenn	184	59	153	50	221	60	220	56	287	66	328	76
Meridian, Miss	182	57	176	57	189	51	217	56	300	70	305	71
Miami, Fla	238	72	253	80	290	78	294	77	326	78	214	52
Miles City, Mont	120	43	192	66	235	63	261	64	264	57	327	69
Milwaukee, Wis	132	45	96	33	202	54	253	63	268	59	247	54
Minneapolis, Minn	125	44	130	45	207	56	206	51	277	60	297	64
Mobile, Ala	221	69	217	70	228	61	268	69	326	77	295	69
Modena, Utah	193	63	185	61	258	69	266	67	261	59	430	97
Nashville, Tenn	135	43	121	40	170	46	196	50	279	64	283	65
New Haven, Conn	158	53	156	52	185	50	192	48	255	57	228	50
New Orleans, La	201	62	188	60	161	43	180	46	276	65	244	58
New York, N. Y	134	45	153	51	201	54	209	52	285	63	266	59
Nome, Alaska	94	56	84	36	117	32	264	58	363	63	460	71
Norfolk, Va	119	39	174	57	211	57	175	44	270	62	301	68
Northfield, Vt	120	42	134	46	203	55	174	43	252	55	237	51
North Head, Wash	51	18	133	46	133	36	241	59	245	53	251	53
North Platte, Nebr	231	77	184	62	243	66	231	58	173	39	341	75
Oklahoma City, Okla	181	58	202	66	239	64	248	63	222	51	311	72
Omaha, Nebr	146	49	172	58	246	66	193	48	130	29	289	64
Oswego, N. Y	57	19	70	24	151	41	193	48	296	65	253	55
Parkersburg, W. Va	138	45	97	32	150	40	185	47	243	55	234	52

TABLE 8.—*Monthly amounts and possible percentage of sunshine, 1935*—Continued

Stations	July		August		September		October		November		December		Annual	
	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible
Galveston, Tex	289	68	290	71	184	50	279	79	169	53	103	32	2, 606	58
Grand Junction, Colo	321	71	273	64	282	75	233	67	182	60	154	52	2, 932	65
Grand Rapids, Mich	326	70	284	66	250	67	175	51	65	22	56	20	2, 249	47
Green Bay, Wis	309	65	213	49	200	53	153	45	75	26	72	26	2, 043	44
Greensboro, N. C	271	61	308	74	232	62	251	72	130	42	135	45	2, 547	56
Harrisburg, Pa	324	71	257	61	231	62	208	60	100	33	113	39	2, 525	55
Hartford, Conn	276	60	300	70	190	51	240	70	71	24	116	41	2, 525	55
Havre, Mont	409	84	355	80	271	72	196	59	147	53	144	56	2, 992	65
Helena, Mont	357	74	356	81	301	80	202	60	104	37	155	58	2, 872	62
Honolulu, T. H	237	58	310	78	246	56	224	62	213	64	226	67	2, 818	64
Houston, Tex	283	66	307	75	170	46	205	58	114	36	120	38	2, 535	56
Huron, S. Dak	398	85	325	75	303	81	228	67	114	39	97	35	2, 780	60
Indianapolis, Ind	319	70	254	60	299	80	195	56	73	24	96	33	2, 338	51
Ithaca, N. Y	303	66	263	61	183	49	166	48	70	24	46	16	2, 056	44
Jacksonville, Fla	204	47	212	52	158	43	193	54	186	58	180	57	2, 787	63
Juneau, Alaska	111	20	120	25	111	29	121	38	45	19	27	13	1, 370	30
Kalispell, Mont	363	75	352	80	247	66	166	49	114	41	18	7	2, 390	49
Kansas City, Mo	396	88	300	71	278	74	178	51	91	30	157	54	2, 525	56
Keokuk, Iowa	370	81	327	77	267	71	180	52	101	34	130	45	2, 335	51
Key West, Fla	277	66	289	72	244	66	197	55	244	74	242	74	3, 275	74
Knoxville, Tenn	316	71	299	71	251	67	231	66	125	41	109	36	2, 535	55
La Crosse, Wis	348	74	304	70	226	60	168	49	88	30	67	24	2, 384	51
Lander, Wyo	364	78	346	80	252	67	217	63	170	58	171	61	2, 824	63
Lansing, Mich	316	68	260	60	220	59	147	43	41	14	36	13	2, 206	47
Lincoln, Nebr	416	91	300	70	283	76	189	55	113	38	126	44	2, 657	59
Little Rock, Ark	391	89	350	84	283	76	225	64	124	40	173	57	2, 819	62
Los Angeles, Calif	367	84	308	74	279	75	265	75	225	72	229	74	3, 072	69
Louisville, Ky	360	80	273	65	266	71	231	67	83	27	108	37	2, 516	55
Macon, Ga	303	69	315	36	271	73	309	88	208	66	186	60	3, 200	71
Madison, Wis	321	69	271	76	213	57	194	57	62	21	75	27	2, 167	47
Marquette, Mich	271	57	187	43	119	32	114	34	52	19	17	6	1, 718	36
Memphis, Tenn	394	89	369	89	287	77	248	71	125	40	167	55	2, 983	66
Meridian, Miss	307	71	261	63	258	70	257	73	188	59	171	54	2, 811	63
Miami, Fla	266	63	303	75	194	53	184	52	218	67	221	68	3, 001	68
Miles City, Mont	429	90	334	76	281	75	222	66	111	39	135	50	2, 911	63
Milwaukee, Wis	350	75	325	76	265	71	198	58	67	23	77	27	2, 480	53
Minneapolis, Minn	399	85	324	75	250	66	169	50	91	32	70	25	2, 545	54
Mobile, Ala	262	61	230	56	268	72	286	81	213	67	164	52	2, 978	67
Modena, Utah	365	81	313	74	289	77	316	91	243	80	194	65	3, 313	74
Nashville, Tenn	323	73	304	73	254	68	218	62	109	35	121	40	2, 513	55
New Haven, Conn	265	58	256	60	180	48	222	64	71	24	137	48	2, 305	51
New Orleans, La	196	46	252	62	276	75	267	75	206	64	165	52	2, 612	59
New York, N. Y	304	66	285	67	215	58	256	75	92	31	145	50	2, 545	56
Nome, Alaska	183	29	208	41	147	37	62	21	110	56	64	49	2, 156	46
Norfolk, Va	228	51	268	64	211	57	235	68	100	33	136	46	2, 428	54
Northfield, Vt	294	63	289	67	165	44	182	53	59	21	77	28	2, 186	47
North Head, Wash	232	49	226	52	157	42	116	34	69	24	63	24	1, 917	41
North Platte, Nebr	404	88	313	73	282	76	249	72	148	50	154	54	2, 953	66
Oklahoma City, Okla	400	91	351	84	262	70	175	50	136	44	197	65	2, 924	65
Omaha, Nebr	406	88	309	72	282	75	222	65	122	41	140	49	2, 657	59
Oswego, N. Y	292	63	278	65	158	42	137	40	77	26	44	16	2, 006	42
Parkersburg, W. Va	248	55	243	57	234	63	170	49	70	23	48	16	2, 060	44

TABLE 8.—*Monthly amounts and possible percentage of sunshine, 1935*—Continued

SUNSHINE, 1935

Stations	January		February		March		April		May		June	
	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible
Pensacola, Fla	211	65	193	62	234	63	274	71	321	76	339	80
Peoria, Ill	151	51	112	37	160	43	190	48	180	40	258	57
Philadelphia, Pa	148	49	162	54	178	48	200	50	268	60	282	63
Phoenix, Ariz	173	54	198	64	223	60	321	82	375	87	412	96
Pittsburgh, Pa	93	31	86	29	151	41	167	42	232	52	252	56
Pocatello, Idaho	145	49	167	57	180	49	228	57	257	57	386	84
Port Arthur, Tex	179	55	172	55	183	49	238	61	268	63	264	62
Portland, Maine	140	48	153	52	237	64	207	51	276	60	241	52
Portland, Oreg	78	27	123	42	137	37	252	62	337	73	288	61
Providence, R. I	167	57	175	59	235	63	209	52	294	65	258	57
Pueblo, Colo	271	89	254	84	320	86	270	68	269	61	376	85
Raleigh, N. C	134	43	184	60	222	60	202	51	288	66	335	77
Rapid City, S. Dak	159	54	169	58	217	59	207	51	152	33	300	65
Reading, Pa	149	50	110	37	165	45	186	47	239	53	205	46
Richmond, Va	110	36	150	50	169	46	162	41	251	57	306	69
Rochester, N. Y	75	26	90	30	167	45	210	52	312	69	290	63
Roseburg, Oreg	58	20	99	33	148	40	212	53	371	82	354	77
Roswell, N. Mex	220	69	206	67	246	66	254	65	275	64	328	77
Sacramento, Calif	116	38	132	44	260	70	228	57	357	80	433	97
St. Joseph, Mo	138	46	172	57	236	64	213	53	166	37	270	60
St. Louis, Mo	133	44	115	38	168	45	190	48	146	33	243	54
Salt Lake City, Utah	176	59	216	73	250	67	244	61	264	59	373	83
San Antonio, Tex	146	45	190	61	171	46	180	47	209	49	222	53
San Diego, Calif	164	52	183	59	233	63	218	56	248	58	232	54
Sandy Hook, N. J	148	49	154	51	184	49	212	53	281	63	277	62
San Francisco, Calif	168	55	166	55	276	74	253	64	286	65	383	87
San Jose, Calif	164	53	164	52	220	59	223	56	346	79	414	94
San Juan, P. R	204	59	210	65	280	75	268	71	201	50	260	66
Santa Fe, N. Mex	191	61	175	57	207	56	231	59	240	55	316	72
Sault Ste. Marie, Mich	81	29	124	43	170	46	272	67	332	71	225	48
Savannah, Ga	174	54	200	64	241	65	263	68	293	69	284	67
Scranton, Pa	117	39	138	46	217	59	191	48	269	60	286	63
Seattle, Wash	58	21	94	33	108	29	237	58	309	66	243	51
Sheridan, Wyo	149	52	172	59	224	61	259	64	230	50	341	73
Sioux City, Iowa	152	51	171	58	251	68	201	50	149	33	312	69
Spokane, Wash	110	40	143	50	156	42	284	69	401	85	356	74
Springfield, Ill	133	44	101	34	160	43	193	48	193	43	284	63
Springfield, Mo	127	41	141	46	172	46	155	39	136	31	282	64
Syracuse, N. Y	132	45	130	44	194	52	235	58	306	67	293	64
Tampa, Fla	256	78	253	81	340	91	314	81	374	89	314	75
Tatoosh Island, Wash	44	16	115	39	108	29	262	64	310	66	262	55
Terre Haute, Ind	144	44	126	42	175	47	190	48	218	49	217	49
Toledo, Ohio	100	34	70	24	176	47	169	42	236	52	234	51
Trenton, N. J	147	49	156	52	184	50	212	53	276	62	276	62
Valentine, Nebr	212	73	184	62	270	73	184	46	178	39	459	72
Vicksburg, Miss	159	50	166	54	189	51	225	58	282	66	296	69
Walla Walla, Wash	50	18	114	39	163	44	257	63	363	78	354	75
Washington, D. C	137	45	136	45	177	48	190	48	256	58	298	67
Wichita, Kans	143	47	160	53	178	48	160	41	172	39	270	61
Williston, N. Dak	111	40	171	60	197	53	249	61	193	41	309	65
Wilmington, N. C	151	48	190	62	268	72	271	69	321	74	338	78
Winnemucca, Nev	161	54	179	60	213	57	190	47	329	73	410	91
Wytheville, Va	123	40	128	42	146	39	161	41	224	51	275	63
Yakima, Wash	120	43	170	59	257	69	317	78	388	83	363	76
Yellowstone Park, Wyo	109	38	170	58	139	37	187	46	221	48	294	63
Yuma, Ariz	231	73	250	81	321	86	354	91	420	98	428	100

TABLE 8.—*Monthly amounts and possible percentage of sunshine, 1935*—Continued

SUNSHINE, 1935

Stations	July		August		September		October		November		December		Annual	
	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible	Hours	Percentage of possible
Pensacola, Fla	257	60	222	54	257	69	294	83	232	73	172	54	3,006	68
Peoria, Ill	373	81	316	74	272	73	201	58	93	31	120	42	2,426	53
Philadelphia, Pa	309	68	256	60	219	59	224	65	77	26	114	39	2,437	53
Phoenix, Ariz	342	78	265	64	311	84	320	91	212	68	225	72	3,377	75
Pittsburgh, Pa	339	74	295	69	274	73	255	74	107	36	72	25	2,323	50
Pocatello, Idaho	406	87	362	84	314	84	246	72	126	43	154	55	2,971	65
Port Arthur, Tex	243	57	280	68	218	59	257	72	180	56	131	41	2,613	58
Portland, Maine	289	62	287	66	194	52	260	76	113	39	131	47	2,528	56
Portland, Oreg	302	64	323	74	267	71	134	40	127	45	114	42	2,482	53
Providence, R. I	280	61	291	68	203	54	258	75	93	32	128	45	2,591	57
Pueblo, Colo	406	90	328	78	304	81	276	80	183	60	211	71	3,468	78
Raleigh, N. C	268	60	275	66	221	59	249	71	109	35	189	63	2,676	59
Rapid City, S. Dak	353	75	311	72	287	77	251	74	139	48	132	48	2,677	60
Reading, Pa	250	55	225	53	198	53	180	52	76	25	115	40	2,098	46
Richmond, Va	246	55	219	52	192	51	242	70	144	48	154	52	2,345	52
Rochester, N. Y	316	68	265	62	189	50	182	53	77	26	41	15	2,214	47
Roseburg, Oreg	371	80	368	85	326	87	124	36	72	25	42	15	2,545	53
Roswell, N. Mex	363	83	288	70	241	65	253	72	214	68	193	62	3,081	69
Sacramento, Calif	426	94	408	96	361	97	295	85	171	57	110	37	3,297	71
St. Joseph, Mo	414	91	294	69	278	74	186	54	102	34	154	53	2,623	58
St. Louis, Mo	311	69	277	65	274	73	170	49	105	35	120	41	2,252	50
Salt Lake City, Utah	390	85	320	75	313	84	274	80	164	55	180	63	3,164	70
San Antonio, Tex	323	76	332	81	219	59	200	56	105	33	88	27	2,385	53
San Diego, Calif	317	73	252	61	253	68	246	70	210	67	198	64	2,754	62
Sandy Hook, N. J	354	78	296	70	253	68	265	77	78	26	134	46	2,636	58
San Francisco, Calif	343	76	271	64	174	47	260	75	210	69	165	56	2,955	66
San Jose, Calif	421	94	348	83	280	75	273	78	197	65	162	54	3,212	70
San Juan, P. R	272	67	248	63	217	59	209	57	231	68	247	72	2,847	64
Santa Fe, N. Mex	341	77	266	64	282	76	314	90	260	85	256	85	3,079	70
Sault Ste. Marie, Mich	310	65	241	55	154	41	119	35	64	22	53	20	2,145	45
Savannah, Ga	217	50	232	56	186	50	259	73	168	53	184	59	2,701	61
Scranton, Pa	293	64	259	61	236	63	220	64	84	28	84	29	2,394	52
Seattle, Wash	269	56	246	56	211	56	139	41	112	40	105	40	2,131	46
Sheridan, Wyo	407	86	355	82	302	80	244	72	138	48	154	56	2,975	65
Sioux City, Iowa	406	88	345	80	278	74	187	55	118	40	125	44	2,694	59
Spokane, Wash	369	76	369	84	304	81	198	59	76	27	44	17	2,810	59
Springfield, Ill	372	82	333	78	272	73	207	60	94	31	97	33	2,439	53
Springfield, Mo	369	83	311	74	275	74	170	49	96	31	149	50	2,383	52
Syracuse, N. Y	322	69	315	73	202	54	184	54	67	23	52	19	2,432	52
Tampa, Fla	260	61	281	69	237	64	276	77	242	75	188	58	3,335	75
Tatoosh Island, Wash	252	52	216	49	195	52	147	44	84	30	90	29	2,085	44
Terre Haute, Ind	322	71	306	72	278	75	185	54	88	29	106	36	2,355	51
Toledo, Ohio	287	62	215	50	250	67	192	56	50	17	56	20	2,035	44
Trenton, N. J	319	70	264	62	218	59	232	67	84	28	135	46	2,503	55
Valentine, Nebr	387	83	321	74	286	76	240	70	156	53	144	51	3,021	64
Vicksburg, Miss	352	81	327	79	251	68	281	80	176	56	157	50	2,861	64
Walla Walla, Wash	407	86	392	90	318	84	180	53	86	30	23	9	2,707	56
Washington, D. C	294	65	241	57	206	55	210	61	93	31	105	36	2,343	51
Wichita, Kans	406	90	315	75	267	71	163	47	125	41	183	62	2,542	56
Williston, N. Dak	392	81	308	70	240	64	237	71	96	34	148	56	2,651	58
Wilmington, N. C	260	59	296	71	246	66	270	77	165	53	194	63	2,970	66
Winnemucca, Nev	395	86	388	91	339	91	262	76	185	62	164	57	3,215	70
Wytheville, Va	208	47	229	54	218	59	242	70	122	40	103	34	2,179	48
Yakima, Wash	402	84	391	89	283	75	239	71	129	46	36	13	3,095	66
Yellowstone Park, Wyo	383	81	346	80	295	79	197	58	99	35	117	43	2,557	56
Yuma, Ariz	398	91	348	84	351	95	343	97	255	81	261	84	3,960	88

EXCESSIVE RAINFALL, 1935

Table 9 contains statistics of excessive rainfall during the calendar year 1935. Similar data for the years 1896 to 1934, inclusive, have been presented in the appropriate annual reports of the Chief of the Weather Bureau. The published data prior to 1896 consists 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 gages.

Table 9 shows for most stations of the Weather Bureau furnished with self-registering gages, the accumulated amounts of precipitation for each 5 minutes during all storms of 1935 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 of only the more intense storms appear here, are those in the South Atlantic and the Gulf States, including Arkansas, Kentucky, and Tennessee, but not including the western portion of Texas. San Juan is likewise an excepted station. 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 1.50 inches or more fell within an hour, as footnote 4 in the tables indicates.

In the columns under "Total duration", when the minute during the nighttime is not known reasonably well, "N." is entered, followed by an "a." or "p." as appropriate. "T" indicates trace, an amount too small for measurement.

Normal standard time at the place of occurrence is employed in these tables.

EXCESSIVE PRECIPITATION, 1935

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*

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, Maine:			*In.*			*In.*														
July 16–17	N. p.	N. a.	0.53	11:42 p.m.	12:04 a.m.	0.03	0.05	0.15	0.29	0.42	0.46	0.46	0.47	0.48	0.48	0.48	0.49	0.50	0.50	0.50
July 24	N. a.	7:25 a.m.	.54	6:13 a.m.	6:32 a.m.	.01	.05	.20	.33	.40	.41	.41	.45	.47	.49	.49	.51	.53	.53	.53
Aug. 1	8:35 a.m.	9:35 a.m.	.45	8:39 a.m.	8:49 a.m.	.01	.35	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44
Portland, Maine:																				
July 7	6:44 a.m.	[1] 7:16 p.m.	1.93	10:03 a.m.	10:22 a.m.	.44	.10	.27	.37	.42	.45	.46	.47	.48	.48	.49	.50	.52	.53	.54
Aug. 22	2:45 a.m.	7:10 a.m.	.76	3:08 a.m.	3:22 a.m.	.08	.15	.30	.42	.43	.43	.50	.58	.60	.60	.60	.60	.60	.61	.63
Burlington, Vt.:																				
June 7	6:05 p.m.	[1] N. a.	1.30	8:18 p.m.	8:54 p.m.	.21	.07	.23	.35	.46	.60	.67	.75	.79	.81	.82	.83	.84	.91	.94
June 15	6:05 a.m. 7:55 a.m.	7:30 a.m. 8:50 a.m.	1.30 .21	6:27 a.m.	7:17 a.m.	.03	.07	.17	.31	.35	.35	.35	.53	.79	1.03	1.27	1.27	1.27	1.43	1.47
July 21	9:07 p.m.	9:25 p.m.	.33	9:12 p.m.	9:16 p.m.	.01	.30	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32
Aug. 4	6:51 p.m.	7:45 p.m.	.59	6:55 p.m.	7:04 p.m.	.01	.36	.57	.58	.58	.58	.58	.58	.58	.58	.58	.58	.58	.58	.58
Boston, Mass.:																				
June 17	7:10 p.m.	[1] 10:43 p.m.	1.41	7:16 p.m.	7:36 p.m.	.01	.12	.28	.54	.60	.60	.61	.64	.66	.67	.68	.69	.72	.78	.82
Aug. 22	12:53 p.m.	6:35 p.m.	1.40	5:07 p.m.	5:35 p.m.	.76	.05	.13	.29	.45	.52	.57	.59	.60	.60	.61	.62	.64	.64	.64
Nantucket, Mass.:																				
June 9	7:00 a.m.	10:25 a.m.	.81	8:16 a.m.	8:33 a.m.	.06	.06	.22	.56	.66	.66	.66	.66	.66	.66	.67	.72	.74	.74	.75
June 19	8:05 p.m.	10:45 p.m.	1.02	9:03 p.m.	9:36 p.m.	.06	.09	.32	.53	.65	.71	.86	.95	.95	.95	.95	.95	.96	.96	.96
Nov. 2	4:00 p.m.	[1] 5:20 a.m.	1.01	4:12 p.m.	4:36 p.m.	.01	.17	.38	.50	.63	.69	.69	.71	.74	.76	.78	.81	.82	.85	.85
Block Island, R. I.:																				
June 18	[2] 9:40 p.m.	6:20 a.m.	1.72	12:34 a.m.	1:57 a.m.	.08	.11	.29	.38	.40	.48	.57	.60	.65	.80	.92	1.12	1.45	1.53	1.54
July 9	9:25 a.m.	1:40 p.m.	.93	12:27 p.m.	12:41 p.m.	.15	.06	.27	.39	.40	.40	.43	.46	.48	.51	.59	.75	.78	.78	.78
July 25	10:51 a.m.	5:40 p.m.	1.40	11:58 a.m.	12:15 p.m.	.27	.20	.31	.50	.59	.60	.61	.61	.63	.63	.65	.67	.74	.86	.97
Sept. 4	1:15 p.m.	[1] N. a.	2.18	6:53 p.m.	7:20 p.m.	.49	.11	.21	.40	.67	.90	.96	.99	1.00	1.00	1.01	1.03	1.06	1.12	1.16
Providence, R. I.:																				
Aug. 22	5:15 p.m.	7:30 p.m.	.49	5:23 p.m.	5:32 p.m.	.02	.19	.30	.31	.31	.31	.31	.31	.31	.33	.34	.41	.43	.47	.47
Hartford, Conn.:																				
July 6	1:05 p.m.	1:50 p.m.	.55	1:05 p.m.	1:24 p.m.	.00	.21	.40	.46	.50	.52	.55	.55	.55	.55	.55	.55	.55	.55	.55
July 19	4:58 p.m.	7:25 p.m.	1.71	5:15 p.m.	5:50 p.m.	.04	.10	.35	.72	1.02	1.26	1.51	1.57	1.59	1.60	1.61	1.62	1.66	1.67	1.67
July 23	2:25 p.m. 5:50 p.m.	4:48 p.m. 6:15 p.m.	1.02 T	4:02 p.m.	4:30 p.m.	.36	.16	.32	.44	.52	.60	.66	.66	.66	.66	.66	.66	.66	.66	.66
July 24	12:23 p.m.	1:22 p.m.	.44	12:37 p.m.	12:53 p.m.	.01	.24	.30	.37	.40	.42	.43	.43	.43	.43	.43	.43	.43	.43	.43
Sept. 4	[2] 6:15 p.m.	[1] 8:12 a.m.	3.17	7:20 p.m.	8:06 p.m.	1.38	.11	.15	.18	.26	.36	.48	.57	.62	.71	.74	.82	.94	1.02	1.06

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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.
NEW ENGLAND STATES—continued																				
New Haven, Conn.:			*In.*			*In.*														
June 19	3:08 p.m.	[1] N.a.	0.47	10:00 p.m.	10:09 p.m.	0.03	0.25	0.31	0.32	0.36	0.39	0.41	0.42	0.42	0.44	0.44	0.44	0.44	0.44	0.44
July 19	6:23 p.m.	9:06 p.m.	.49	6:33 p.m.	6:48 p.m.	.01	.16	.25	.37	.37	.38	.39	.39	.39	.40	.41	.43	.47	.47	.47
July 22	2:13 p.m.	5:08 p.m.	.46	2:17 p.m.	2:27 p.m.	.01	.27	.38	.41	.41	.41	.41	.41	.41	.42	.42	.42	.42	.42	.43
July 24	1:41 p.m.	2:38 p.m.	1.00	1:43 p.m.	2:11 p.m.	.01	.07	.29	.49	.71	.86	.91	.91	.98	.99	.99	.99	.99	.99	.99
July 25	8:53 a.m.	6:35 p.m.	1.17	9:08 a.m.	9:19 a.m.	.01	.23	.52	.54	.55	.55	.55	.55	.55	.55	.55	.55	.56	.61	.70
MIDDLE ATLANTIC STATES																				
Albany, N. Y.:		4:10 p.m.	1.03	3:11 p.m.	3:48 p.m.	.06	1.0	.25	.38	.62	.79	.89	.95	.97	.97	.97	.97	.97	.97	.97
June 27	2:53 p.m.	[1] N.a.	2.19	8:19 p.m.	8:31 p.m.	1.08	.24	.34	.37	.39	.40	.40	.40	.40	.40	.40	.40	.41	.43	.48
July 7	2:02 p.m.	5:03 p.m.	.96	3:12 p.m.	3:58 p.m.	.08	.06	.13	.33	.35	.35	.35	.39	.62	.77	.79	.85	.86	.87	.88
July 19	2:00 p.m.																			
Binghamton, N. Y.:																				
June 24	4:01 p.m.	7:00 p.m.	.52	4:04 p.m.	4:18 p.m.	.01	.19	.35	.42	.43	.43	.43	.43	.43	.43	.43	.46	.49	.50	.51
July 19	4:05 p.m.	7:09 p.m.	.53	4:32 p.m.	4:46 p.m.	.01	.08	.24	.41	.44	.49	.51	.51	.52	.52	.52	.52	.52	.52	.52
Aug. 1	11:43 a.m.	12:00 m.	.55	11:43 a.m.	11:52 a.m.	.00	.36	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55
Aug. 13	2:26 p.m.	3:10 p.m.	.92	2:26 p.m.	2:41 p.m.	.00	.32	.69	.87	.89	.91	.91	.91	.92	.92	.92	.92	.92	.92	.92
New York, N. Y.:																				
July 20	1:55 p.m.	3:15 p.m.	1.04	2:45 p.m.	2:57 p.m.	.21	.43	.74	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83
Sept. 9 [3]	4:48 p.m.	6:05 p.m.	.69	4:53 p.m.	5:12 p.m.	.02	.20	.28	.47	.54	.56	.57	.63	.64	.65	.66	.66	.67	.67	.67
Harrisburg, Pa.:																				
June 21	8:55 p.m.	11:20 p.m.	.53	9:20 p.m.	9:27 p.m.	.13	.36	.39	.40	.40	.40	.40	.40	.40	.40	.40	.40	.40	.40	.40
June 29	12:57 p.m.	2:39 p.m.	.70	1:10 p.m.	1:38 p.m.	.01	.15	.21	.30	.43	.61	.65	.66	.66	.66	.67	.69	.69	.69	.69
July 8	5:26 p.m.	[1] 7:50 a.m.	1.26	5:29 p.m.	5:46 p.m.	.01	.07	.27	.38	.42	.43	.44	.45	.47	.48	.50	.58	.85	.94	.97
Aug. 15	6:04 p.m.	8:15 p.m.	1.03	6:19 p.m.	7:03 p.m.	.02	.18	.32	.38	.41	.44	.54	.73	.88	.92	.95	.97	.98	1.01	1.01
Sept. 19	7:47 p.m.	[1] N.a.	.64	7:52 p.m.	8:06 p.m.	.01	.34	.45	.51	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52
Oct. 29	8:50 a.m.	9:15 p.m.	1.87	7:45 p.m.	8:00 p.m.	1.20	.21	.34	.40	.42	.46	.47	.48	.56	.61	.65	.66	.67	.67	.67
Philadelphia, Pa.:																				
June 19	5:26 p.m.	9:10 p.m.	1.10	6:29 p.m.	7:09 p.m.	.08	.06	.10	.15	.31	.41	.50	.76	.91	.92	.94	.97	1.00	1.01	1.02
June 22	7:22 p.m.	8:14 p.m.	.70	7:28 p.m.	7:57 p.m.	.01	.08	.24	.36	.44	.59	.68	.69	.69	.69	.69	.69	.69	.69	.69
July 8-9	5:15 p.m.	9:15 a.m.	2.24	11:23 p.m.	12:04 a.m.	.37	.08	.14	.20	.29	.39	.51	.58	.73	.74	.75	.77	.83	.89	1.09
July 9	[2] 5:15 p.m.	9:15 a.m.	2.24	2:12 a.m.	2:38 a.m.	1.50	.05	.12	.25	.34	.45	.49	.54	.54	.54	.54	.54	.55	.61	.64
July 20	5:55 p.m.	8:25 p.m.	.48	6:00 p.m.	6:19 p.m.	.01	.07	.18	.35	.40	.43	.44	.44	.44	.45	.45	.45	.46	.47	.47
Aug. 1	7:00 p.m.	8:25 p.m.	.56	7:04 p.m.	7:17 p.m.	.01	.15	.32	.36	.38	.39	.39	.39	.39	.39	.44	.55	.55	.55	.55
Do	10:50 p.m.	[1] 1:20 a.m.	.85	10:58 p.m.	11:33 p.m.	.01	.10	.11	.15	.23	.25	.32	.55	.57	.58	.58	.58	.83	.83	.83
Aug. 15	4:35 p.m.	8:35 p.m.	.78	5:08 p.m.	5:27 p.m.	.19	.17	.33	.43	.48	.51	.52	.52	.52	.53	.53	.53	.53	.53	.55
Aug. 16	5:14 p.m.	6:16 p.m.	.47	5:22 p.m.	5:34 p.m.	.01	.20	.37	.42	.44	.44	.45	.46	.46	.46	.46	.46	.46	.46	.46
Sept. 4	N.a.	9:30 p.m.	3.24	7:24 p.m.	7:51 p.m.	2.05	.11	.28	.56	.83	1.05	1.10	1.13	1.16	1.18	1.18	1.18	1.19	1.19	1.19
Oct. 11	8:03 p.m.	[1] N.a.	.69	8:05 p.m.	8:13 p.m.	.01	.20	.31	.32	.33	.34	.34	.35	.35	.36	.37	.39	.42	.45	.50
Reading, Pa.:																				
July 8	4:55 p.m.	[1] 12:15 p.m.	2.61	10:40 p.m.	11:15 p.m.	.52	.08	.21	.30	.34	.44	.50	.56	.58	.63	.67	.71	.76	.80	.86
July 20	4:45 p.m.	5:50 p.m.	.67	5:02 p.m.	5:19 p.m.	.09	.25	.46	.52	.55	.56	.57	.57	.58	.58	.58	.58	.58	.58	.58
Scranton, Pa.:																				
June 22	5:15 p.m.	5:56 p.m.	.33	5:28 p.m.	5:38 p.m.	.01	.09	.31	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.33	.33
	7:02 p.m.	7:24 p.m.	.01																	
July 6	1:40 p.m.	4:30 p.m.	1.68	3:18 p.m.	3:51 p.m.	.12	.23	.39	.48	.77	1.04	1.16	1.26	1.27	1.29	1.29	1.46	1.56	1.56	1.56
July 24	12:15 a.m.	D.n.a.m.	.52	12:42 a.m.	12:53 a.m.	.04	.16	.31	.33	.33	.34	.35	.35	.36	.36	.38	.41	.46	.48	.48
July 25	N.a.	N.a.	.55	3:23 a.m.	3:33 a.m.	.02	.24	.34	.37	.41	.45	.47	.49	.50	.50	.51	.52	.53	.53	.53
Aug. 16	2:36 p.m.	4:30 p.m.	2.37	2:38 p.m.	3:24 p.m.	.01	.36	.57	.64	.95	1.29	1.61	1.98	2.17	2.33	2.34	2.35	2.36	2.36	2.36
Oct. 30	6:03 p.m.	[1] N.a.	1.90	11:12 p.m.	11:17 p.m.	.24	.44	.46	.48	.49	.50	.50	.50	.50	.51	.51	.52	.55	.55	.55
Atlantic City, N. J.:																				
June 10	12:45 a.m.	[1] 3:00 a.m.	4.24	1:13 a.m.	1:36 a.m.	.03	.11	.23	.36	.45	.48	.50	.52	.53	.55	.56	.59	.62	.67	.77
June 19	9:35 a.m.	6:45 p.m.	.38	6:18 p.m.	6:25 p.m.	.01	.34	.36	.36	.36	.37	.37	.37	.37	.37	.37	.37	.40	.40	.40
	7:17 p.m.	8:10 p.m.	.03																	
June 27	7:33 p.m.	9:45 p.m.	.67	8:23 p.m.	8:53 p.m.	.15	.07	.12	.14	.20	.39	.51	.51	.51	.51	.51	.51	.52	.52	.52
Aug. 14	4:25 p.m.	6:50 p.m.	.86	4:43 p.m.	5:14 p.m.	.07	.07	.17	.34	.47	.61	.70	.74	.75	.75	.76	.76	.76	.77	.78
Sept. 4	4:45 a.m.	7:30 a.m.	.62	4:48 a.m.	5:01 a.m.	.01	.21	.42	.48	.49	.49	.49	.49	.49	.49	.49	.50	.56	.58	.59
Do	9:45 a.m.	[1] 3:30 p.m.	5.79	6:15 p.m.	6:27 p.m.	.48	.22	.35	.37	.39	.40	.42	.44	.46	.48	.51	.54	.62	.72	.76
Sept. 5	[2] 9:45 a.m.	3:30 p.m.	5.79	9:21 a.m.	9:41 a.m.	3.36	.11	.33	.48	.53	.57	.60	.64	.67	.70	.74	.82	.98	1.08	1.13
Do	[2] 9:45 a.m.	3:30 p.m.	5.79	11:59 a.m.	12:27 p.m.	4.65	.15	.30	.51	.64	.69	.73	.77	.80	.81	.83	.84	.85	.87	.96
Do	4:19 p.m.	[1] 11:40 a.m.	6.90	8:41 p.m.	9:34 p.m.	1.16	.10	.18	.51	.65	.91	1.04	1.21	1.42	1.70	1.92	2.03	2.19	2.33	2.48
Sept. 6	[2] 4:19 p.m.	11:40 a.m.	6.90	12:16 a.m.	1:21 a.m.	3.93	.05	.13	.21	.26	.32	.38	.43	.51	.58	.67	.85	1.02	1.08	1.08
Sandy Hook, N. J.:																				
July 20	2:33 p.m.	4:05 p.m.	.81	2:50 p.m.	3:26 p.m.	.01	.25	.43	.54	.59	.59	.60	.73	.79	.79	.80	.80	.80	.80	.80
July 22	1:23 p.m.	2:40 p.m.	.40	2:08 p.m.	2:22 p.m.	.01	.12	.29	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39
Aug. 2	6:27 p.m.	10:45 p.m.	1.35	8:43 p.m.	9:33 p.m.	.07	.07	.15	.22	.32	.48	.67	.84	.93	1.05	1.11	1.13	1.15	1.27	1.28
Sept. 6	[2] 8:50 p.m.	11:35 a.m.	2.13	7:47 a.m.	8:21 a.m.	1.34	.08	.21	.31	.39	.51	.64	.70	.71	.71	.72	.72	.73	.73	.75
Trenton, N. J.:																				
June 17	6:50 p.m.	8:17 p.m.	.54	7:10 p.m.	7:22 p.m.	.01	.25	.41	.48	.50	.51	.51	.52	.52	.52	.52	.52	.53	.53	.53
June 19	[2] 11:03 p.m.	[1] N.a.	.83	7:26 p.m.	7:42 p.m.	.29	.07	.16	.37	.39	.42	.45	.48	.50	.51	.52	.53	.53	.53	.53
July 9	9:32 a.m.	1:00 p.m.	.53	12:12 p.m.	12:22 p.m.	.10	.19	.34	.38	.42	.43	.43	.43	.43	.43	.43	.43	.43	.43	.43
Aug. 1	6:04 p.m.	6:42 p.m.	.44	6:22 p.m.	6:32 p.m.	.02	.24	.41	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42
Aug. 15	4:29 p.m.	5:45 p.m.	1.39	4:48 p.m.	5:08 p.m.	.04	.27	.88	1.14	1.26	1.30	1.32	1.34	1.35	1.35	1.35	1.35	1.35	1.35	1.35
Sept. 6	[2] 7:42 a.m.	9:35 a.m.	3.04	5:40 a.m.	6:40 a.m.	1.81	.13	.27	.30	.34	.39	.42	.46	.50	.58	.67	.81	.95	1.15	1.19
Baltimore, Md.:																				
Apr. 29	6:48 p.m.	9:25 p.m.	.88	7:43 p.m.	8:09 p.m.	.04	.19	.27	.64	.71	.76	.79	.80	.81	.81	.81	.82	.83	.84	.84
May 6	8:00 p.m.	[1] 12:20 p.m.	3.24	8:11 p.m.	8:50 p.m.	.04	.10	.20	.30	.43	.69	.90	1.04	1.20	1.22	1.23	1.38	1.55	1.63	1.74
May 7	[2] 8:00 p.m.	12:20 p.m.	3.24	2:31 a.m.	2:48 a.m.	2.58	.06	.19	.40	.45	.48	.48	.48	.49	.49	.49	.49	.49	.49	.49
June 29	5:10 p.m.	7:02 p.m.	.66	5:16 p.m.	5:29 p.m.	.01	.30	.51	.58	.58	.59	.60	.61	.62	.62	.63	.64	.65	.65	.65
July 21	4:11 p.m.	6:40 p.m.	1.50	4:15 p.m.	5:26 p.m.	.01	.25	.39	.51	.56	.58	.59	.61	.63	.65	.67	.91	1.46	1.47	1.49

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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.
MIDDLE ATLANTIC STATES—continued																					
Baltimore, Md.—Continued.			*In.*			*In.*															
Aug. 13	5:20 p.m.	6:40 p.m.	1.14	5:28 p.m.	6:06 p.m.	0.01	0.34	0.55	0.65	0.80	0.91	0.99	1.07	1.11	1.13	1.13	1.13	1.13	1.13	1.13
Aug. 14	5:30 p.m.	6:20 p.m.	1.02	5:42 p.m.	6:03 p.m.	.02	.15	.60	.86	.96	.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Aug. 18	6:50 p.m.	8:15 p.m.	.58	7:08 p.m.	7:38 p.m.	.01	.08	.15	.30	.41	.46	.52	.55	.57	.57	.57	.57	.57	.57	.57
Aug. 22	4:10 p.m.	4:55 p.m.	.52	4:32 p.m.	4:46 p.m.	.01	.18	.43	.51	.51	.51	.51	.51	.51	.51	.51	.51	.51	.51	.51
Sept. 9	4:45 p.m.	6:25 p.m.	.90	4:55 p.m.	5:18 p.m.	.01	.14	.32	.56	.68	.72	.73	.74	.77	.80	.81	.83	.88	.89	.89
Washington, D. C.:																					
June 5	8:31 p.m.	10:20 p.m.	.85	8:46 p.m.	9:04 p.m.	.01	.40	.61	.67	.72	.74	.75	.76	.77	.78	.78	.79	.83	.84	.84
June 12	6:18 p.m.	10:15 p.m.	.79	8:58 p.m.	9:16 p.m.	.25	.11	.28	.37	.42	.46	.47	.49	.50	.52	.53	.54	.54	.54	.54
July 13	9:10 a.m.	11:25 a.m.	.66	9:18 a.m.	9:38 a.m.	.03	.12	.23	.43	.52	.55	.55	.55	.56	.56	.56	.57	.60	.61	.63
Aug. 21	12:40 p.m.	1:35 p.m.	.51	12:45 p.m.	1:10 p.m.	.01	.11	.22	.35	.40	.47	.49	.50	.50	.50	.50	.50	.50	.65	.68
	2:08 p.m.	3:30 p.m.	.18																	
Aug. 22	4:50 p.m.	5:40 p.m.	.39	4:54 p.m.	5:05 p.m.	.01	.13	.33	.37	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38
Sept. 5	3:45 a.m.	[1] 6:05 a.m.	4.51	4:54 a.m.	5:45 a.m.	.10	.12	.19	.17	.26	.41	.52	.57	.61	.63	.76	.83	.90	.94	.96
Sept. 5	3:45 a.m.	[1] 6:05 a.m.	4.51	8:07 a.m.	8:27 a.m.	1.15	.07	.22	.34	.51	.54	.55	.55	.55	.55	.56	.57	.63	.73	.86
Sept. 9	5:12 p.m.	7:15 p.m.	.52	5:18 p.m.	5:34 p.m.	.01	.12	.30	.36	.46	.44	.48	.49	.50	.50	.50	.50	.51	.51	.51
Cape Henry, Va.:																					
June 4	2:05 p.m.	2:45 p.m.	.59	2:07 p.m.	2:17 p.m.	.01	.30	.52	.56	.57	.57	.58	.58	.58	.58	.58	.58	.58	.58	.58
June 19	1:10 p.m.	8:10 p.m.	1.19	1:47 p.m.	2:24 p.m.	.14	.07	.20	.29	.31	.33	.48	.74	.82	.82	.82	.82	.83	.86	.88
July 13	1:55 p.m.	4:15 p.m.	1.65	2:38 p.m.	2:49 p.m.	.05	.26	.64	.65	.67	.69	.71	.72	.73	.77	.83	.87	1.00	1.00	1.00
July 26	[2] 10:05 p.m.	12:10 p.m.	1.73	1:10 a.m.	1:45 a.m.	.14	.12	.25	.34	.46	.43	.50	.64	.66	.67	.68	.70	.75	.79	.91
July 29	5:00 p.m.	5:45 p.m.	.54	5:22 p.m.	5:37 p.m.	.02	.09	.30	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52
Oct. 30	11:57 a.m.	1:20 p.m.	.63	12:22 p.m.	12:40 p.m.	.01	.07	.26	.29	.52	.54	.57	.61	.62	.62	.62	.62	.62	.62	.65
	1:55 p.m.	2:15 p.m.	.03																	
Nov. 13	2:05 p.m.	6:15 p.m.	.74	2:16 p.m.	2:27 p.m.	.01	.15	.40	.41	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42	.43
Norfolk, Va.:																					
July 9	5:15 p.m.	7:52 p.m.	.98	5:59 p.m.	6:55 p.m.	.06	.12	.31	.38	.42	.45	.49	.54	.62	.70	.79	.88	.92	.92	.92
July 13	1:58 p.m.	3:35 p.m.	1.15	2:30 p.m.	3:04 p.m.	.10	.12	.14	.16	.30	.53	.84	1.03	1.04	1.04	1.05	1.05	1.05	1.05	1.05
July 26	[2] 6:45 p.m.	5:50 a.m.	2.03	12:50 a.m.	1:16 a.m.	.45	.27	.36	.44	.57	.66	.69	.70	.71	.73	.74	.76	.82	.84	.87
July 26	10:05 a.m.	4:40 p.m.	1.10	1:32 p.m.	1:55 p.m.	.22	.10	.31	.45	.54	.60	.62	.63	.65	.66	.67	.71	.78	.83	.86
Aug. 19	2:08 p.m.	2:40 p.m.	.42	2:11 p.m.	2:27 p.m.	.01	.12	.30	.39	.41	.41	.41	.41	.41	.41	.41	.41	.41	.41	.41
Sept. 6	[2] 8:50 p.m.	8:00 a.m.	2.64	1:19 a.m.	2:39 a.m.	.43	.08	.10	.15	.22	.31	.34	.38	.41	.50	.54	.84	1.47	1.53	1.58
Sept. 28	4:10 a.m.	6:35 a.m.	1.07	5:12 a.m.	5:35 a.m.	.08	.21	.46	.64	.78	.84	.86	.90	.92	.96	.98	.99	.99	.99	.99
Richmond, Va.:																					
May 7	12:14 p.m.	12:28 p.m.	.33	12:14 p.m.	12:20 p.m.	.00	.29	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33
May 10	4:57 p.m.	6:12 p.m.	.65	5:04 p.m.	5:15 p.m.	.01	.29	.47	.48	.50	.54	.56	.56	.58	.63	.64	.64	.64	.64	.64
June 5	5:32 p.m.	5:50 p.m.	.48	5:37 p.m.	5:47 p.m.	.03	.26	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45
June 8	3:10 p.m.	4:40 p.m.	.56	3:22 p.m.	3:35 p.m.	.01	.09	.22	.40	.43	.44	.45	.50	.51	.54	.54	.55	.55	.55	.55
June 8	5:20 p.m.	8:45 p.m.	1.67	6:13 p.m.	6:30 p.m.	.08	.27	.50	.75	.80	.84	.89	.90	.92	.97	1.01	1.12	1.33	1.47	1.52
June 28	6:52 p.m.	9:05 p.m.	1.12	6:56 p.m.	7:34 p.m.	.01	.12	.28	.49	.62	.77	.96	.96	1.00	1.02	1.02	1.03	1.06	1.11	1.11
July 5	3:12 p.m.	4:50 p.m.	2.37	3:17 p.m.	4:08 p.m.	.01	.19	.36	.52	.78	1.13	1.67	2.01	2.20	2.25	2.30	2.35	2.36	2.36	2.36
July 9	1:02 p.m.	1:45 p.m.	.40	1:29 p.m.	1:39 p.m.	.07	.19	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35
July 24	6:10 p.m.	7:05 p.m.	.44	6:13 p.m.	6:23 p.m.	.01	.21	.36	.39	.41	.42	.43	.43	.43	.43	.43	.43	.44	.45	.46
	7:25 p.m.	9:10 p.m.	.04																	
July 26	10:02 a.m.	1:10 p.m.	.99	10:22 a.m.	10:58 a.m.	.03	.22	.35	.45	.51	.61	.75	.84	.87	.89	.91	.92	.93	.94	.95
Aug. 2	6:36 p.m.	9:25 p.m.	.48	6:36 p.m.	6:51 p.m.	.06	.15	.29	.36	.37	.37	.37	.37	.37	.38	.38	.39	.43	.46	.47
Sept. 5	12:58 p.m.	[1] 6:40 a.m.	6.68	2:24 p.m.	2:30 p.m.	.19	.48	.51	.51	.51	.51	.52	.52	.52	.52	.52	.53	.56	.59	.63
Do	12:58 p.m.	[1] 6:40 a.m.	6.68	7:36 p.m.	8:37 p.m.	1.99	.14	.43	.47	.59	.69	.80	.97	1.19	1.26	1.31	1.55	1.59	1.61	1.66
Do	12:58 p.m.	[1] 6:40 a.m.	6.68	9:53 p.m.	10:16 p.m.	3.71	.11	.28	.45	.52	.59	.61	.62	.63	.63	.64	.66	.72	.93	.98
Sept. 6	[2] 12:58 p.m.	6:40 a.m.	6.68	12:53 a.m.	1:19 a.m.	5.05	.08	.29	.45	.58	.61	.67	.68	.69	.71	.75	.88	1.05	1.26	1.32
Sept. 28	[2] 8:25 p.m.	N. a.	1.33	12:56 a.m.	1:41 a.m.	.56	.05	.10	.16	.26	.38	.48	.59	.66	.75	.77	.77	.77	.77	.77
Wytheville, Va.:																					
June 12	6:08 p.m.	7:45 p.m.	.62	6:34 p.m.	6:44 p.m.	.02	.29	.40	.40	.44	.49	.52	.53	.53	.53	.54	.58	.60	.60	.64
	8:16 p.m.	N. p.	.07																	
July 4	1:45 p.m.	6:40 p.m.	1.14	1:47 p.m.	2:23 p.m.	.01	.10	.19	.19	.21	.35	.61	.96	1.06	1.06	1.07	1.07	1.08	1.09	1.10
July 6	5:09 p.m.	6:50 p.m.	.62	5:11 p.m.	5:22 p.m.	.01	.24	.43	.48	.48	.49	.54	.56	.56	.57	.57	.58	.61	.61	.61
July 7	8:39 p.m.	N. p.	2.84	8:39 p.m.	10:10 p.m.	.00	.31	.49	.52	.54	.55	.56	.58	.70	.98	1.27	1.97	2.60	2.79	2.84
Sept. 4	5:32 p.m.	10:10 p.m.	2.17	5:50 p.m.	6:52 p.m.	.05	.07	.14	.20	.29	.48	.65	.83	.92	1.04	1.17	1.45	1.54	1.56	1.73
Oct. 28	7:07 p.m.	[1] N. a.	2.07	7:26 p.m.	8:10 p.m.	.01	.20	.30	.39	.44	.52	.58	.65	.71	.77	.79	.84	.93	1.04	1.16
Nov. 12	7:32 a.m.	[1] N. a.	3.76	7:18 p.m.	8:33 p.m.	2.17	.30	.44	.50	.55	.59	.62	.76	.79	.85	.97	1.07	1.33	1.37	1.38
SOUTH ATLANTIC STATES																					
Asheville, N. C.:																					
July 14	2:45 p.m.	4:30 p.m.	1.47	3:11 p.m.	3:46 p.m.	.06	.13	.24	.55	.88	1.03	1.16	1.31	1.36	1.38	1.39	1.41	1.41	1.41	1.41
Charlotte, N. C.:																					
Mar. 25	4:31 p.m.	4:50 p.m.	.59	4:34 p.m.	4:38 p.m.	.01	.49	.57	.58	.58	.58	.58	.58	.58	.58	.58	.58	.58	.58	.58
Do	7:00 p.m.	8:25 p.m.	.88	7:13 p.m.	7:18 p.m.	.01	.47	.49	.50	.50	.51	.51	.51	.51	.51	.51	.70	.87	.87	.87
July 4	6:02 p.m.	8:35 p.m.	1.42	6:07 p.m.	6:36 p.m.	.01	.20	.46	.66	.91	1.07	1.22	1.25	1.26	1.28	1.29	1.31	1.34	1.38	1.41
July 13	4:10 p.m.	8:00 p.m.	1.76	4:51 p.m.	5:16 p.m.	.36	.13	.37	.63	.82	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.28	1.35	1.37
July 26	7:50 p.m.	10:30 p.m.	1.06	8:12 p.m.	8:27 p.m.	.10	.20	.48	.66	.76	.71	.72	.74	.75	.76	.77	.79	.84	.91	.95
Aug. 7	5:50 p.m.	6:58 p.m.	1.12	5:55 p.m.	6:26 p.m.	.01	.19	.47	.55	.67	.87	.96	1.00	1.00	1.02	1.10	1.11	1.11	1.11	1.11
Sept. 9	6:28 p.m.	9:00 p.m.	1.73	6:48 p.m.	7:13 p.m.	.07	.23	.78	.97	1.02	1.29	1.31	1.32	1.32	1.32	1.33	1.33	1.34	1.66	1.66
Greensboro, N. C.:																					
July 13	8:51 p.m.	10:00 p.m.	.94	8:51 p.m.	9:15 p.m.	.00	.18	.35	.56	.79	.90	.92	.94	.94	.94	.94	.94	.94	.94	.94
July 26	2:50 p.m.	3:25 p.m.	.67	2:52 p.m.	3:02 p.m.	.01	.26	.51	.60	.65	.66	.66	.66	.66	.66	.66	.66	.83	.83	.83
	3:50 p.m.	4:20 p.m.	.17																	
Hatteras, N. C.:																					
Jan. 1	N. a.	8:16 a.m.	2.01	3:39 a.m.	4:05 a.m.	.84	.10	.28	.51	.79	.96	1.02	1.03	1.05	1.08	1.10	1.12	1.12	1.12	1.12
June 22	7:31 p.m.	N. p.	1.95	7:39 p.m.	8:22 p.m.	.03	.29	.56	.72	.78	.95	1.08	1.15	1.27	1.43	1.44	1.45	1.88	1.91	1.91
July 8	7:51 a.m.	1:26 p.m.	3.33	12:45 p.m.	1:17 p.m.	2.32	.10	.20	.31	.52	.74	.97	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
Aug. 8	7:22 a.m.	6:25 p.m.	3.10	4:58 p.m.	5:57 p.m.	.98	.23	.47	.69	.88	1.07	1.25	1.41	1.58	1.73	1.88	2.10	2.12	2.12	2.12
Aug. 30	N. a.	8:05 a.m.	2.02	2:02 a.m.	2:20 a.m.	.07	.10	.30	.57	.72	.77	.85	.93	.95	1.03	1.08	1.17	1.21	1.24	1.26
Sept. 6	N. a.	N. a.	1.61	2:31 a.m.	2:44 a.m.	.12	.23	.75	1.02	1.10	1.14	1.16	1.17	1.19	1.28	1.32	1.34	1.37	1.48	1.48

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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.
SOUTH ATLANTIC STATES—continued																				
Raleigh, N. C.:			*In.*			*In.*														
Aug. 20	4:15 p.m.	11:30 p.m.	1.91	5:29 p.m.	6:05 p.m.	0.03	0.20	0.40	0.58	0.85	1.10	1.23	1.35	1.39	1.42	1.44	1.44	1.72	1.79	1.82
Wilmington, N. C.:																				
Feb. 14	6:05 p.m.	7:15 p.m.	.84	6:35 p.m.	6:46 p.m.	.08	.38	.64	.73	.74	.75	.75	.75	.76	.76	.76	.76	.76	.78	.78
	7:30 p.m.	8:30 p.m.	.02																	
July 14	2:10 a.m.	N. a.	1.36	2:12 a.m.	2:47 a.m.	.01	.33	.42	.66	.72	.84	.87	1.05	1.07	1.09	1.10	1.13	1.23	1.33	1.34
July 16	[2] 6:45 p.m.	4:55 a.m.	4.06	1:52 a.m.	2:29 a.m.	1.88	.11	.25	.34	.50	.70	.94	1.14	1.24	1.33	1.38	1.45	1.57	1.66	1.97
Aug. 30	[2] 4:17 p.m.	N. a.	4.74	1:30 a.m.	2:04 a.m.	2.76	.16	.28	.40	.62	.90	1.15	1.35	1.42	1.46	1.46	1.51	1.62	1.67	1.68
Do	9:04 a.m.	12:40 p.m.	1.23	9:30 a.m.	9:43 a.m.	.12	.13	.51	.73	.77	.79	.81	.88	.93	.97	1.00	1.02	1.06	1.08	1.09
Charleston, S. C.:																				
May 7	2:53 p.m.	4:15 p.m.	1.57	2:54 p.m.	3:40 p.m.	.01	.20	.52	.63	.84	1.00	1.14	1.23	1.29	1.42	1.50	1.55	1.56	1.56	1.56
May 8	4:16 p.m.	5:50 p.m.	1.55	4:22 p.m.	4:54 p.m.	.04	.22	.39	.55	.84	1.11	1.25	1.36	1.43	1.47	1.48	1.50	1.51	1.51	1.51
May 24	4:39 p.m.	6:00 p.m.	1.02	4:59 p.m.	5:16 p.m.	.00	.35	.57	.67	.74	.78	.80	.88	.93	.99	1.00	1.02	1.02	1.02	1.02
June 3	3:20 a.m.	5:35 a.m.	1.30	4:49 a.m.	5:01 a.m.	.69	.20	.57	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61	.61
June 4	12:10 p.m.	12:25 p.m.	.92	12:10 p.m.	12:20 p.m.	.00	.43	.91	.92	.92	.92	.92	.92	.92	.92	.92	.92	.92	.92	.93
	1:53 p.m.	2:45 p.m.	.14																	
July 8	5:23 p.m.	7:48 p.m.	2.60	6:32 p.m.	7:00 p.m.	.13	.45	.82	1.38	1.86	2.24	2.41	2.45	2.46	2.46	2.46	2.46	2.47	2.47	2.47
July 11	7:53 a.m.	11:10 a.m.	2.67	8:26 a.m.	9:13 a.m.	.29	.20	.45	.69	.94	1.14	1.23	1.41	1.55	1.72	1.81	1.86	1.97	2.35	2.37
July 14	8:30 a.m.	[1] 2:40 a.m.	4.99	11:47 a.m.	12:26 p.m.	.60	.31	.59	.94	1.03	1.09	1.18	1.32	1.46	1.49	1.49	1.49	1.54	1.72	1.77
Do	8:30 a.m.	[1] 2:40 a.m.	4.99	8:54 p.m.	9:23 p.m.	3.04	.15	.42	.66	.84	1.02	1.18	1.21	1.22	1.23	1.23	1.24	1.24	1.29	1.30
Aug. 18	3:05 a.m.	5:32 p.m.	6.08	8:46 a.m.	10:29 a.m.	1.21	.10	.21	.35	.48	.58	.69	.77	.86	.91	1.02	1.34	1.75	2.34	2.60
Sept. 4	N. a.	4:30 a.m.	.87	3:52 a.m.	4:02 a.m.	.12	.27	.58	.62	.62	.63	.74	.75	.75	.75	.75	.75	.75	.76	.77
	5:08 a.m.	5:56 a.m.	.02																	
Columbia, S. C.:																				
May 15	5:07 p.m.	5:55 p.m.	.90	5:24 p.m.	5:41 p.m.	.03	.26	.55	.73	.83	.87	.87	.87	.87	.87	.87	.87	.87	.87	.87
July 13	12:45 p.m.	10:15 p.m.	3.05	12:53 p.m.	1:18 p.m.	.04	.14	.31	.55	.83	.94	.98	.99	.99	.99	.99	.99	1.01	1.24	1.84
July 16	1:55 p.m.	3:30 p.m.	1.70	1:59 p.m.	2:32 p.m.	.01	.20	.47	.79	1.14	1.33	1.47	1.57	1.63	1.67	1.68	1.69	1.69	1.69	1.69
Aug. 29	10:35 a.m.	11:26 a.m.	.71	10:45 a.m.	11:00 a.m.	.02	.32	.54	.68	.68	.69	.69	.69	.69	.69	.69	.69	.69	.73	.73
	11:55 a.m.	1:35 p.m.	.04																	
Augusta, Ga.:																				
Jan. 8	5:15 p.m.	8:50 p.m.	1.15	8:15 p.m.	8:29 p.m.	.16	.26	.64	.97	.99	.99	.99	.99	.99	.99	.99	.99	.99	.99	.99
Mar. 12	12:28 p.m.	4:00 p.m.	1.03	1:01 p.m.	1:14 p.m.	.07	.26	.50	.60	.64	.69	.73	.75	.76	.77	.78	.81	.87	.90	.93
May 10	2:28 p.m.	5:25 p.m.	1.37	2:39 p.m.	3:05 p.m.	.09	.21	.57	.75	.83	.97	1.04	1.08	1.10	1.11	1.12	1.14	1.18	1.20	1.24
May 11	5:15 p.m.	7:15 p.m.	1.42	5:36 p.m.	6:05 p.m.	.10	.17	.47	.65	.83	1.01	1.12	1.20	1.25	1.28	1.30	1.31	1.32	1.32	1.32
July 9	4:21 p.m.	5:35 p.m.	1.38	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1.38	1.38	1.38	1.38
Nov. 7	7:24 a.m.	3:50 p.m.	1.96	12:01 p.m.	12:40 p.m.	.13	.10	.21	.44	.75	1.01	1.18	1.35	1.51	1.56	1.58	1.71	1.74	1.80	1.80
Savannah, Ga.:																				
Apr. 28	5:00 p.m.	8:20 p.m.	1.64	5:35 p.m.	5:56 p.m.	.30	.14	.33	.59	.81	.87	.89	.95	1.01	1.04	1.09	1.14	1.26	1.33	1.33
July 14	11:56 a.m.	4:30 p.m.	.99	11:59 a.m.	12:13 p.m.	.01	.12	.36	.61	.62	.62	.62	.62	.63	.70	.71	.80	.82	.82	.82
July 28	2:09 p.m.	5:35 p.m.	.84	2:18 p.m.	2:33 p.m.	.02	.14	.35	.62	.62	.63	.63	.63	.63	.63	.63	.64	.64	.64	.69
Aug. 18-19	N. p.	N. a.	2.10	11:57 p.m.	12:50 a.m.	.13	.14	.29	.54	.80	.97	1.14	1.25	1.35	1.52	1.67	1.82	1.88	1.88	1.88
Sept. 28	11:55 a.m.	4:45 p.m.	2.45	12:33 p.m.	1:13 p.m.	.05	.24	.41	.71	1.03	1.35	1.57	1.73	1.83	1.88	1.91	1.92	1.93	1.93	1.94
Jacksonville, Fla.:																				
Apr. 3	10:28 p.m.	N. p.	.68	10:40 p.m.	10:51 p.m.	.02	.30	.55	.63	.64	.64	.65	.65	.66	.66	.66	.66	.66	.66	.66
May 8	12:24 p.m.	2:28 p.m.	.91	12:53 p.m.	1:04 p.m.	.13	.38	.65	.73	.74	.74	.74	.74	.74	.75	.75	.75	.77	.78	.78
May 23	2:51 p.m.	4:12 p.m.	1.68	2:53 p.m.	3:33 p.m.	.01	.17	.48	.71	.96	1.13	1.25	1.35	1.62	1.64	1.65	1.65	1.67	1.67	1.67
June 4	12:16 p.m.	1:06 p.m.	.95	12:29 p.m.	12:42 p.m.	.01	.37	.77	.87	.87	.93	.94	.94	.94	.94	.94	.94	.94	.94	.96
	2:10 p.m.	2:50 p.m.	.02																	
July 27	2:51 p.m.	4:05 p.m.	1.19	3:00 p.m.	3:21 p.m.	.01	.20	.54	.86	1.03	1.14	1.16	1.16	1.17	1.17	1.17	1.18	1.18	1.18	1.18
July 28	7:25 p.m.	9:55 p.m.	1.28	7:42 p.m.	8:03 p.m.	.02	.38	.64	.89	1.13	1.18	1.19	1.21	1.21	1.23	1.24	1.24	1.25	1.25	1.26
July 30	3:16 p.m.	5:05 p.m.	1.07	4:20 p.m.	4:36 p.m.	.08	.23	.56	.86	.94	.97	.98	.99	.99	.99	.99	.99	.99	.99	.99
Aug. 21	2:25 p.m.	3:01 p.m.	1.51	2:32 p.m.	2:52 p.m.	.02	.20	.68	1.11	1.42	1.48	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49
Aug. 26	2:16 p.m.	4:25 p.m.	3.41	2:25 p.m.	3:21 p.m.	.01	.25	.60	.99	1.36	1.67	2.05	2.39	2.65	2.86	2.99	3.25	3.35	3.39	3.40
Sept. 21	9:54 a.m.	4:35 p.m.	2.49	2:46 p.m.	3:10 p.m.	1.19	.18	.45	[4] .75	[3] .97	[3] 1.12	1.14	1.15	1.16	1.16	1.17	1.19	1.27	1.30	1.30
FLORIDA PENINSULA																				
Key West, Fla.:																				
Jan. 5	12:22 p.m.	8:05 p.m.	1.73	1:18 p.m.	1:45 p.m.	.08	.18	.45	.79	1.10	1.39	1.47	1.54	1.61	1.63	1.64	1.65	1.65	1.65	1.65
July 2	11:13 a.m.	3:59 p.m.	3.78	12:04 p.m.	12:49 p.m.	.16	.22	.54	.85	1.21	1.70	2.10	2.27	2.51	2.62	2.66	2.68	2.69	2.70	3.18
July 4	7:18 p.m.	8:24 p.m.	.96	7:35 p.m.	7:50 p.m.	.16	.17	.43	.65	.74	.77	.78	.79	.79	.79	.80	.80	.80	.80	.80
Sept. 16	11:05 a.m.	3:40 p.m.	5.03	12:32 p.m.	2:05 p.m.	.90	.22	.31	.34	.49	.66	.89	1.12	1.54	1.80	2.02	2.42	3.38	3.84	3.97
Miami, Fla.:																				
Apr. 24	4:00 p.m.	8:05 p.m.	2.81	4:19 p.m.	4:55 p.m.	.03	.32	.62	.92	1.19	1.30	1.40	1.56	1.64	1.74	1.77	1.81	1.90	1.90	1.91
Do	4:09 p.m.	8:05 p.m.	2.81	6:27 p.m.	6:43 p.m.	1.95	.28	.53	.73	.79	.81	.83	.84	.84	.84	.84	.86	.86	.86	.86
June 18	11:08 a.m.	3:55 p.m.	1.46	11:36 a.m.	12:01 p.m.	.14	.16	.45	.73	.94	1.05	1.09	1.13	1.15	1.16	1.18	1.21	1.22	1.22	1.22
July 8	3:30 p.m.	6:00 p.m.	.68	3:54 p.m.	4:06 p.m.	.07	.35	.52	.59	.60	.60	.60	.61	.61	.61	.61	.61	.61	.61	.61
Aug. 23	2:54 p.m.	7:10 p.m.	2.01	3:13 p.m.	4:02 p.m.	.02	.40	.75	1.07	1.12	1.16	1.40	1.54	1.66	1.72	1.85	1.90	1.95	1.95	1.95
Sept. 21	10:50 a.m.	1:10 p.m.	1.34	11:19 a.m.	11:37 a.m.	.12	.18	.56	.91	1.05	1.12	1.17	1.19	1.20	1.20	1.21	1.21	1.21	1.22	1.22
Oct. 21	5:07 p.m.	7:12 p.m.	.83	6:48 p.m.	7:04 p.m.	.14	.17	.34	.66	.68	.69	.69	.69	.69	.69	.69	.69	.69	.69	.69
Nov. 4	10:25 a.m.	6:55 p.m.	4.04	2:14 p.m.	3:14 p.m.	.31	.13	.36	.62	.91	1.20	1.50	1.77	2.02	2.25	2.42	2.64	2.90	3.31	3.43
Tampa, Fla.:																				
Feb. 16	[2] N. p.	4:30 a.m.	.87	1:11 a.m.	1:21 a.m.	.13	.26	.65	.71	.72	.72	.72	.72	.72	.72	.72	.72	.72	.72	.72
June 5	12 noon	2:25 p.m.	2.00	1:38 p.m.	2:02 p.m.	.05	.22	.68	1.12	1.46	1.84	1.88	1.91	1.93	1.94	1.94	1.94	1.94	1.97	2.01
	3:00 p.m.	3:30 p.m.	.06																	
June 12	3:50 p.m.	N. p.	1.89	4:09 p.m.	4:37 p.m.	.11	.20	.60	.89	1.13	1.30	1.40	1.47	1.57	1.65	1.67	1.69	1.69	1.69	1.70
June 29	8:25 p.m.	N. p.	1.15	8:38 p.m.	9:05 p.m.	.07	.19	.29	.45	.80	.99	1.05	1.05	1.06	1.06	1.07	1.08	1.08	1.08	1.08
July 7	11:05 a.m.	1:20 p.m.	.77	11:39 a.m.	11:53 a.m.	.01	.17	.33	.62	.63	.63	.75	.75	.75	.75	.76	.76	.76	.76	.76
Aug. 5	12:15 p.m.	1:20 p.m.	1.11	12:28 p.m.	12:54 p.m.	.05	.22	.37	.55	.76	.90	.99	1.03	1.05	1.05	1.03	1.06	10.6	10.6	1.06
Aug. 8	4:30 p.m.	5:30 p.m.	.77	4:34 p.m.	4:47 p.m.	.01	.18	.48	.69	.68	.75	.75	.75	.76	.76	.76	.76	.76	.76	.76
Aug. 23	11:23 a.m.	12:45 p.m.	1.01	11:24 a.m.	11:47 a.m.	.01	.21	.38	.57	.72	.84	.89	.94	.97	1.00	1.00	1.00	1.00	1.00	1.00
Sept. 4	5:30 p.m.	[1] 1:30 a.m.	1.60	11:33 p.m.	11:50 p.m.	.89	.22	.41	.61	.69	.69	.69	.69	.70	.70	.70	.70	.70	.71	.71

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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.
EAST GULF STATES																				
Atlanta, Ga.:			*In.*			*In.*														
July 14	6:42 p.m.	7:15 p.m.	0.94	6:43 p.m.	7:00 p.m.	0.01	0.34	0.64	0.88	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Macon, Ga.:																				
July 14	5:06 p.m.	5:59 p.m.	1.29	5:12 p.m.	5:45 p.m.	.01	.10	.30	.58	.77	.97	1.11	1.23	1.25	1.27	1.28	1.28	1.28	1.28	1.28
July 26	3:32 p.m.	5:45 p.m.	.99	3:39 p.m.	3:57 p.m.	.03	.20	.49	.68	.81	.86	.89	.92	.94	.94	.94	.95	.95	.95	.95
July 29	2:17 p.m.	3:15 p.m.	1.02	2:31 p.m.	2:50 p.m.	.01	.21	.56	.85	.96	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01
Pensacola, Fla.:																				
Apr. 29	9:05 a.m.	12:02 p.m.	1.94	9:20 a.m.	9:42 a.m.	.06	.15	.43	.65	1.10	1.28	1.29	1.30	1.32	1.35	1.39	1.47	1.59	1.67	1.68
May 10	[2] 8:27 p.m.	8:00 a.m.	1.65	4:48 a.m.	5:16 a.m.	.19	.22	.39	.67	.89	1.02	1.11	1.13	1.14	1.16	1.17	1.19	1.30	1.36	1.39
May 20	8:07 a.m.	1:30 p.m.	2.08	8:57 a.m.	9:32 a.m.	.01	.14	.32	.64	.94	1.29	1.42	1.54	1.58	1.60	1.62	1.64	1.70	1.74	1.78
Aug. 9	[2] N. p.	N. a.	1.16	12:08 a.m.	12:26 a.m.	.03	.31	.51	.70	.80	.83	.85	.86	.86	.87	.91	1.01	1.11	1.12	1.12
Aug. 26	4:10 p.m.	5:58 p.m.	.73	4:30 p.m.	4:45 p.m.	.06	.14	.40	.60	.66	.67	.67	.67	.67	.67	.67	.67	.67	.67	.67
Aug. 27	7:30 a.m.	[1] N. a.	9.38	4:25 p.m. 5:15 p.m. 6:05 p.m.	5:15 p.m. 6:05 p.m. 6:47 p.m.	2.13 ------ ------	.18 2.07 5.31	.38 2.23 5.71	.52 2.32 5.84	.70 2.50 6.00	.95 2.67 6.23	1.24 2.90 6.41	1.67 3.37 6.69	1.90 3.96 6.89	1.91 4.46 6.99	1.93 4.99 ----	---- ---- ----	---- ---- ----	---- ---- ----	---- ---- ----
Sept. 10	1:50 a.m.	N. a.	2.56	3:22 a.m.	4:08 a.m.	.07	.11	.26	.46	.68	.84	1.08	1.64	2.24	2.40	2.46	2.49	2.49	2.49	2.49
Birmingham, Ala.:																				
Mar. 5	[3] 9:20 p.m.	9:00 a.m.	2.65	1:40 a.m.	2:40 a.m.	.21	.25	.52	.67	.84	.92	1.04	1.08	1.15	1.22	1.36	1.65	1.87	2.06	2.10
Mar. 12	N. a.	9:40 a.m.	2.05	3:14 a.m.	3:38 a.m.	.01	.23	.41	.45	.62	.98	1.01	1.02	1.03	1.03	1.04	1.06	1.25	1.33	1.40
May 10	3:50 p.m.	5:30 p.m.	.95	4:17 p.m.	4:41 p.m.	.02	.11	.23	.39	.65	.86	.90	.92	.92	.92	.92	.93	.93	.93	.93
June 1	3:06 p.m.	4:45 p.m.	1.29	3:08 p.m.	3:43 p.m.	.01	.30	.43	.57	.73	.85	1.10	1.21	1.25	1.27	1.27	1.27	1.27	1.28	1.28
June 3	2:28 p.m.	8:00 p.m.	.91	2:35 p.m.	2:48 p.m.	.02	.30	.53	.65	.67	.71	.75	.76	.76	.77	.79	.83	.84	.84	.84
June 21	7:52 p.m.	N. p.	.75	7:59 p.m.	8:10 p.m.	.01	.24	.50	.63	.70	.71	.71	.72	.72	.73	.73	.73	.73	.74	.74
June 30	4:12 p.m.	4:50 p.m.	.85	4:14 p.m.	4:29 p.m.	.01	.27	.56	.73	.75	.81	.84	.84	.84	.84	.84	.84	.84	.84	.84
Nov. 12	N. a.	1:15 p.m.	4.00	3:43 a.m.	4:53 a.m.	.53	.14	.28	.55	.76	.87	.93	1.12	1.24	1.41	1.60	1.92	2.40	2.60	2.75
Mobile, Ala.:																				
Jan. 8	10:12 a.m.	11:25 a.m.	1.12	10:19 a.m.	10:40 a.m.	.02	.29	.47	.58	.71	.79	.87	.92	.96	.99	1.02	1.08	1.10	1.10	1.10
Mar. 5	10:10 a.m.	N. p.	6.15	11:36 a.m.	12:24 p.m.	.59	.17	.26	.38	.50	.67	.82	1.03	1.19	1.34	1.48	1.65	1.93	2.15	2.46
Mar. 12	3:40 a.m.	9:15 a.m.	1.21	4:13 a.m.	4:35 a.m.	.15	.20	.43	.65	.80	.87	.88	.88	.88	.88	.88	.92	.99	1.00	1.00
Apr. 2	5:25 p.m.	8:20 p.m.	.83	6:48 p.m.	6:58 p.m.	.16	.33	.54	.61	.64	.65	.65	.65	.65	.65	.66	.66	.66	.67	.67
May 6	4:05 p.m.	9:10 p.m.	2.55	4:09 p.m.	4:33 p.m.	.03	.25	.47	.70	.88	1.14	1.22	1.27	1.43	1.45	1.48	1.55	1.56	1.59	1.72
May 9	9:25 a.m.	6:00 p.m.	1.59	12:02 p.m.	12:28 p.m.	.22	.15	.33	.51	.76	.87	.92	.97	1.03	1.07	1.16	1.19	1.20	1.20	1.22
May 20	6:22 a.m.	9:50 a.m.	1.85	6:55 a.m.	7:08 a.m.	.02	.51	.92	1.06	1.13	1.19	1.27	1.31	1.34	1.38	1.40	1.44	1.56	1.62	1.71
July 6	4:00 p.m.	5:15 p.m.	1.07	4:05 p.m.	4:33 p.m.	.01	.16	.46	.53	.75	.86	.95	1.01	1.04	1.05	1.06	1.06	1.06	1.06	1.06
July 27	3:25 p.m.	5:20 p.m.	1.66	3:41 p.m.	4:07 p.m.	.02	.21	.47	.70	1.06	1.40	1.50	1.53	1.56	1.58	1.59	1.60	1.63	1.64	1.64
Montgomery, Ala.:																				
Feb. 13	7:30 p.m.	10:40 p.m.	1.74	8:36 p.m.	9:03 p.m.	.18	.21	.40	.49	.61	.91	.99	1.05	1.09	1.22	1.29	1.44	1.53	1.54	1.56
May 30	4:20 p.m.	5:40 p.m.	1.08	4:49 p.m.	5:00 p.m.	.08	.39	.84	.87	.88	.91	.96	.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
July 12	10:55 a.m.	12:08 p.m.	1.30	11:29 a.m.	11:49 a.m.	.04	.36	.75	1.02	1.21	1.25	1.25	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26
July 13	7:40 p.m.	10:30 p.m.	2.08	7:43 p.m.	8:05 p.m.	.01	.29	.63	.97	1.28	1.36	1.43	1.47	1.50	1.53	1.60	1.74	1.92	2.05	2.06
Aug. 27	3:35 p.m.	N. p.	1.59	3:36 p.m.	3:48 p.m.	.01	.39	.77	.88	.92	.96	.98	1.00	1.02	1.05	1.06	1.09	1.12	1.16	1.22
Meridian, Miss.:																				
Mar. 12	12:30 a.m.	5:30 a.m.	1.64	2:04 a.m.	2:26 a.m.	.05	.11	.45	.82	.96	1.07	1.13	1.17	1.20	1.23	1.26	1.31	1.37	1.43	1.46
May 19	2:46 p.m.	3:04 p.m.	.56	2:51 p.m.	3:02 p.m.	.03	.20	.50	.53	.53	.53	.53	.53	.53	.53	.53	.53	.53	.53	.53
July 6	4:27 p.m.	5:05 p.m.	1.14	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	[3] 1.14	[3] 1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
Aug. 11	11:32 a.m.	12:53 p.m.	1.45	11:39 a.m.	12:25 p.m.	.04	.17	.39	.48	.63	.86	.96	1.03	1.14	1.31	1.37	1.40	1.41	1.41	1.41
Vicksburg, Miss.:																				
Mar. 31	N. a.	8:30 a.m.	1.69	5:17 a.m.	5:46 a.m.	.06	.15	.46	.63	.69	.81	.94	1.00	1.03	1.06	1.09	1.16	1.24	1.34	1.46
May 6	[2] 1:20 p.m.	10:30 a.m.	6.11	5:04 a.m.	5:27 a.m.	3.75	.23	.45	.56	.71	.79	.82	.89	.96	1.10	1.27	1.42	1.48	1.63	1.71
June 18	2:35 a.m.	6:50 a.m.	1.33	2:50 a.m.	3:15 a.m.	.05	.20	.34	.55	.76	.92	.96	1.02	1.07	1.11	1.13	1.15	1.20	1.22	1.23
June 21	9:10 p.m. [2] 12:10 a.m.	11:40 p.m. [2] 1:05 a.m.	1.79 .25	10:31 p.m.	11:04 p.m.	.16	.23	.53	.94	1.18	1.29	1.40	1.51	1.53	1.62	1.63	1.63	1.63	1.63	1.77
July 23	2:59 p.m.	3:50 p.m.	1.21	3:01 p.m.	3:18 p.m.	.01	(3)	.74	1.02	1.11	1.13	1.14	1.15	1.20	1.20	1.20	1.20	1.20	1.20	1.20
Nov. 11	2:55 a.m.	11:40 a.m.	3.09	5:30 a.m.	6:11 a.m.	.08	.17	.26	.34	.41	.60	.92	1.13	1.24	1.31	1.40	1.59	1.91	2.01	2.11
New Orleans, La.:																				
Jan. 21	5:20 a.m.	9:20 p.m.	2.83	8:04 a.m.	8:16 a.m.	.46	.30	.51	.57	.61	.63	.69	.72	.76	.80	.84	1.04	1.17	1.25	1.28
Mar. 8	10:10 a.m.	[1] 1:45 a.m.	4.28	2:36 p.m.	2:54 p.m.	.77	.30	.66	.77	.84	.93	.98	1.04	1.07	1.13	1.25	1.31	1.45	1.61	1.86
Apr. 2	1:03 p.m.	3:40 p.m.	1.58	1:17 p.m.	1:52 p.m.	.02	.13	.24	.39	.49	.72	.91	1.07	1.13	1.18	1.24	1.37	1.42	1.50	1.54
Apr. 25	3:20 p.m.	5:20 p.m.	1.60	3:57 p.m.	4:33 p.m.	.08	.17	.29	.44	.80	.97	1.11	1.24	1.35	1.43	1.48	1.51	1.52	1.52	1.52
May 12	1:35 p.m. 3:38 p.m.	2:55 p.m. 4:05 p.m.	1.03 .07	1:48 p.m.	2:16 p.m.	.01	.14	.30	.47	.63	.83	.91	.95	.97	.99	1.00	1.02	1.02	1.02	1.04
July 1	11:55 a.m.	1:15 p.m.	1.14	12:08 p.m.	12:30 p.m.	.05	.50	.68	.78	.90	1.01	1.03	1.06	1.08	1.09	1.09	1.09	1.09	1.09	1.09
July 18	6:00 a.m.	9:45 a.m.	1.51	7:47 a.m.	8:09 a.m.	.58	.24	.51	.68	.83	.90	.93	.93	.93	.93	.93	.93	.93	.93	.93
WEST GULF STATES																				
Shreveport, La.:																				
May 4	5:20 p.m.	[1] 12:30 p.m.	6.61	7:16 p.m.	8:15 p.m.	.53	.23	.38	.49	.64	.76	.86	.98	1.36	1.64	1.86	2.15	2.30	2.35	2.70
Do	5:20 p.m.	[1] 12:30 p.m.	6.61	9:12 p.m.	9:26 p.m.	3.37	.20	.50	.74	.75	.76	.77	.79	.86	.87	.89	.93	.96	.98	.99
May 15	4:10 p.m.	6:15 p.m.	.96	5:07 p.m.	5:23 p.m.	.19	.12	.42	.66	.73	.74	.75	.76	.76	.76	.77	.77	.77	.77	.77
Oct. 22	10:00 p.m.	[1] N. a.	1.50	11:00 p.m.	11:30 p.m.	.17	.11	.26	.48	.67	.83	.95	.99	1.01	1.02	1.02	1.03	1.06	1.12	1.18
Oct. 27	11:25 a.m.	6:10 p.m.	2.03	12:39 p.m.	1:04 p.m.	.16	.19	.50	.61	.77	.87	.89	.94	1.13	1.24	1.25	1.39	1.71	1.81	1.83
Nov. 10	5:45 p.m.	[1] 6:15 a.m.	3.13	5:54 p.m.	6:23 p.m.	.01	.19	.39	.68	1.09	1.35	1.45	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
Nov. 11	[2] 5:45 p.m.	6:15 a.m.	3.13	12:33 a.m.	12:44 a.m.	1.75	.38	.60	.62	.64	.66	.69	.69	.69	.69	.69	.70	.70	.77	.88
Fort Smith, Ark.:																				
May 13	7:20 p.m.	[1] 4:00 a.m.	1.41	9:35 p.m.	9:53 p.m.	.04	.21	.67	.96	1.06	1.13	1.14	1.14	1.15	1.18	1.21	1.34	1.35	1.37	1.37
June 16	7:05 a.m.	1:30 p.m.	2.20	12:37 p.m.	12:55 p.m.	1.39	.14	.38	.61	.81	.81	.81	.81	.81	.81	.81	.81	.81	.81	.81
Sept. 8	8:20 p.m.	[1] 4:50 a.m.	1.28	8:53 p.m.	9:07 p.m.	.19	.32	.68	.79	.83	.85	.85	.86	.87	.87	.88	.90	.95	.97	.98
Little Rock, Ark.:																				
May 14	4:40 p.m.	N. p.	2.85	4:51 p.m.	5:58 p.m.	.03	.26	.48	.63	.70	.74	.92	1.00	1.05	1.18	1.35	1.59	1.87	2.05	2.16
Aug. 12	5:59 p.m.	N. p.	1.37	6:30 p.m.	7:06 p.m.	.14	.27	.45	.60	.79	.91	1.00	1.10	1.13	1.13	1.14	1.16	1.17	1.20	1.21
Austin, Tex.:																				
May 3	2:25 p.m.	[1] 11:15 a.m.	1.41	11:01 p.m.	11:11 p.m.	.65	.21	.50	.53	.53	.54	.55	.56	.56	.56	.56	.56	.58	.58	.59
May 18	[2] 8:40 p.m.	6:30 a.m.	2.55	4:12 a.m.	4:35 a.m.	1.02	.21	.48	.86	1.21	1.36	1.39	1.45	1.46	1.47	1.48	1.51	1.53	1.53	1.53
June 1	6:05 a.m.	12 noon	4.91	7:46 a.m.	8:12 a.m.	.10	.18	.33	.42	.70	.85	.90	.90	.91	.91	.91	.93	1.03	1.11	1.12
Do	6:05 a.m.	12 noon	4.91	10:23 a.m.	11:13 a.m.	1.54	.18	.65	1.08	1.33	1.50	1.74	2.24	2.65	3.10	3.29	3.32	3.35	3.37	3.37
July 29	3:40 p.m.	4:40 p.m.	.99	3:47 p.m.	4:10 p.m.	.03	.18	.44	.70	.83	.91	.95	.95	.95	.96	.96	.96	.96	.96	.96

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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.
WEST GULF STATES—continued																				
Brownsville, Tex:			*In.*			*In.*														
June 11	11:49 a.m.	10:30 p.m.	2.87	1:03 p.m.	1:49 p.m.	0.24	0.32	0.55	0.87	1.02	1.13	1.32	1.37	1.48	1.64	1.71	1.83	2.02	2.06	2.08
Dec. 11	2:30 a.m.	3:25 a.m.	.79	2:44 a.m.	2:52 a.m.	.01	.45	.77	.78	.78	.78	.78	.78	.78	.78	.78	.78	.78	.78	.78
Corpus Christi, Tex.:																				
Apr. 19	3:26 p.m.	5:30 p.m.	.85	3:42 p.m.	3:55 p.m.	.02	.10	.40	.69	.80	.82	.83	.83	.83	.83	.83	.83	.83	.83	.83
May 23	4:00 a.m.	8:00 a.m.	2.25	4:42 a.m.	5:12 a.m.	.45	.11	.24	.42	.68	1.05	1.28	1.34	1.36	1.38	1.43	1.49	1.53	1.56	1.62
Sept. 25	12:10 p.m.	11:00 p.m.	2.68	1:26 p.m.	2:16 p.m.	.36	.13	.51	.68	.96	1.16	1.36	1.56	1.79	1.93	2.10	2.15	2.17	2.19	2.20
Sept. 26	12:45 a.m.	11:25 a.m.	2.79	4:51 a.m.	5:11 a.m.	.47	.16	.28	.59	.76	.81	.85	.87	.90	.93	.95	1.05	1.13	1.32	1.41
Oct. 18	12:08 a.m.	12:35 p.m.	5.63	8:55 a.m.	9:31 a.m.	3.73	.11	.25	.39	.70	.99	1.23	1.42	1.49	1.52	1.55	1.66	1.71	1.77	1.82
Dallas, Tex.:																				
May 14	1:04 p.m.	2:48 p.m.	.59	1:40 p.m.	1:49 p.m.	.02	.36	.52	.54	.55	.56	.56	.56	.57	.57	.57	.57	.57	.57	.57
May 15	10:44 a.m.	1:45 p.m.	.95	12 noon	12:11 p.m.	.08	.35	.51	.54	.60	.62	.63	.66	.68	.71	.76	.81	.85	.87	.87
June 15	[3] 10:05 a.m.	7:40 a.m.	4.19	12:21 a.m.	1:22 a.m.	1.84	.12	.39	.55	.69	.89	.96	1.07	1.17	1.25	1.38	1.86	1.99	2.15	2.20
Fort Worth, Tex.:																				
Apr. 18	6:40 p.m.	8:20 p.m.	1.31	7:29 p.m.	8:05 p.m.	.06	.14	.47	.67	.71	.81	.98	1.08	1.12	1.24	1.25	1.25	1.25	1.25	1.25
Apr. 25	3:45 p.m.	5:20 p.m.	.57	4:49 p.m.	4:58 p.m.	.03	.25	.52	.53	.54	.54	.54	.54	.54	.54	.54	.54	.54	.54	.54
May 18	[2] 8:00 p.m.	8:30 a.m.	2.05	4:05 a.m.	4:15 a.m.	.70	.15	.61	.62	.62	.63	.64	.64	.65	.65	.65	.65	.69	.73	.78
June 15	[2] 2:30 p.m.	6:36 a.m.	3.70	4:00 a.m.	4:26 a.m.	.68	.18	.45	.83	.95	1.09	1.15	1.19	1.20	1.22	1.23	1.26	1.30	1.95	2.47
Do	[2] 2:30 p.m.	6:36 a.m.	3.70	5:22 a.m.	6:16 a.m.	1.99	.10	.23	.40	.70	.93	1.07	1.09	1.20	1.32	1.49	1.58	1.71	1.71	1.71
Galveston, Tex.:																				
Apr. 2	9:00 p.m.	N. p.	.80	9:34 p.m.	9:51 p.m.	.04	.15	.39	.60	.68	.73	.74	.75	.76	.76	.76	.76	.76	.76	.76
Apr. 26	12:37 p.m.	4:53 p.m.	2.02	1:36 p.m.	1:54 p.m.	.10	.23	.66	1.03	1.17	1.22	1.25	1.28	1.30	1.31	1.34	1.40	1.50	1.57	1.74
June 3	6:32 a.m.	5:20 p.m.	3.35	7:31 a.m.	8:18 a.m.	.10	.25	.45	.55	.74	.88	1.00	1.16	1.33	1.46	1.53	1.61	1.84	1.90	1.93
July 13	9:55 a.m.	1:00 p.m.	2.11	10:18 a.m.	10:43 a.m.	.03	.23	.68	1.12	1.56	1.77	1.85	1.94	1.98	2.03	2.07	2.08	2.08	2.08	2.09
Aug. 13	10:15 a.m.	11:45 a.m.	1.48	10:30 a.m.	10:53 a.m.	.06	.20	.41	.74	1.00	1.16	1.21	1.29	1.36	1.38	1.38	1.42	1.42	1.42	1.42
Sept. 25	N. a.	12:35 p.m.	1.78	9:34 a.m.	9:53 a.m.	.01	.39	.63	.78	.87	.90	.91	.93	.94	.95	.96	.98	1.05	1.11	1.14
Houston, Tex.:																				
Mar. 30	[2] 5:35 p.m.	9:05 a.m.	2.49	12:31 a.m.	12:58 a.m.	.36	.10	.25	.56	.85	1.01	1.09	1.11	1.13	1.14	1.16	1.21	1.29	1.31	1.31
Apr. 19	3:28 p.m.	6:25 p.m.	1.43	3:53 p.m.	4:12 p.m.	.17	.22	.53	.95	1.05	1.11	1.17	1.18	1.18	1.19	1.19	1.19	1.19	1.21	1.23
May 2	{12:29 p.m. 2:28 p.m.	1:57 p.m. 3:50 p.m.	1.59 .11	{12:33 p.m.	1:05 p.m.	.03	.10	.39	.80	.94	1.12	1.44	1.51	1.53	1.53	1.53	1.56	1.56	1.56	1.57
June 3	N. a.	7:12 a.m.	1.29	5:34 a.m.	5:56 a.m.	.05	.20	.49	.84	1.11	1.18	1.22	1.23	1.23	1.23	1.23	1.23	1.23	1.24	1.24
July 23	N. a.	9:50 a.m.	2.36	6:38 a.m.	7:23 a.m.	.21	.15	.33	.52	.64	.89	1.14	1.33	1.56	1.71	1.79	1.89	1.99	2.01	2.01
Oct. 17	9:53 p.m.	11:15 p.m.	1.72	10:17 p.m.	10:04 p.m.	.08	.18	.40	.62	.81	.96	1.16	1.33	1.41	1.57	1.63	1.64	1.64	1.64	1.64
Oct. 27	1:48 p.m.	3:35 p.m.	1.05	2:08 p.m.	2:23 p.m.	.04	.20	.50	.69	.71	.73	.76	.79	.82	.84	.86	.99	1.01	1.02	1.02
Palestine, Tex.:																				
Mar. 5	11:25 p.m.	[1] 12:20 a.m.	.78	11:49 p.m.	12 mdt.	.12	.29	.54	.63	.66	.66	.66	.66	.66	.66	.66	.66	.66	.66	.66
Mar. 6	8:19 a.m.	9:14 a.m.	.66	8:29 a.m.	8:35 a.m.	.02	.61	.64	.64	.64	.64	.64	.64	.64	.64	.64	.64	.64	.64	.64
Apr. 19	N. a.	7:00 a.m.	2.60	2:44 a.m.	3:00 a.m.	1.03	.23	.48	.75	.79	.81	.81	.91	.96	1.03	1.05	1.12	1.34	1.36	1.40
May 18	6:07 a.m.	11:27 a.m.	1.55	8:35 a.m.	8:58 a.m.	.45	.28	.64	.70	.86	.97	.99	1.00	1.02	1.03	1.04	1.06	1.07	1.08	1.09
June 27	4:06 p.m.	5:30 p.m.	1.62	4:10 p.m.	4:30 p.m.	.02	.16	.39	.65	.87	.92	.94	.95	.96	.98	.99	1.00	1.00	1.00	1.00
Aug. 13	9:23 a.m.	11:53 a.m.	.70	10:54 a.m.	11:10 a.m.	.03	.16	.49	.63	.64	.65	.66	.67	.67	.67	.67	.67	.67	.67	.67
Sept. 9	5:30 a.m.	1:10 p.m.	1.98	5:47 a.m.	6:08 a.m.	.05	.14	.37	.60	.79	.81	.87	.93	1.02	1.15	1.28	1.42	1.54	1.62	1.69
Sept. 26	7:12 a.m.	11:00 a.m.	1.98	10:18 a.m.	10:44 a.m.	.90	.10	.30	.50	.76	1.05	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08
Oct. 10	1:08 p.m.	4:22 p.m.	1.08	2:34 p.m.	2:45 p.m.	.08	.30	.52	.59	.65	.69	.77	.83	.86	.90	.91	.95	.99	.99	1.00
Nov. 10	5:58 p.m.	[1] N. a.	1.52	8:26 p.m.	8:37 p.m.	.48	.44	.62	.66	.68	.68	.68	.69	.72	.78	.80	.84	.95	.96	.96
Dec. 6	N. a.	6:00 p.m.	5.29	10.01 a.m.	11:08 a.m.	1.97	.16	.28	.49	.66	.74	.79	.86	.94	1.02	1.21	1.58	1.97	2.02	2.13
Port Arthur, Tex.:																				
Apr. 26	1:50 p.m.	6:09 p.m.	1.59	1:58 p.m.	2:20 p.m.	.01	.29	.53	.64	.76	.84	.90	.94	.95	.96	.97	.98	1.09	1.16	1.21
May 5	{10:52 a.m. 12:56 p.m.	12:23 p.m. 1:21 p.m.	.84 T	{11:53 a.m.	12:06 p.m.	.02	.16	.51	.68	.77	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82
May 9	2:05 p.m.	5:20 p.m.	1.77	2:12 p.m.	2:31 p.m.	.01	.12	.26	.59	.73	.77	.87	.97	1.05	1.08	1.11	1.33	1.70	1.73	1.75
June 3	7:12 a.m.	2:55 p.m.	2.41	7:57 a.m.	8:27 a.m.	.05	.11	.36	.63	.85	1.23	1.38	1.40	1.41	1.42	1.42	1.44	1.52	1.60	1.69
July 27	1:40 p.m.	3:45 p.m.	1.52	2:39 p.m.	3:03 p.m.	.13	.14	.26	.62	1.15	1.27	1.30	1.38	1.39	1.39	1.39	1.39	1.39	1.39	1.39
July 28	12:19 p.m.	1:45 p.m.	2.19	12:33 p.m.	1:02 p.m.	.03	.22	.51	.87	1.40	1.83	2.00	2.03	2.06	2.12	2.16	2.16	2.16	2.16	2.16
Aug. 30	8:12 a.m.	1:32 p.m.	2.48	10:11 a.m.	10:33 a.m.	.86	.15	.42	.67	.85	.93	.97	.99	1.01	1.03	1.06	1.18	1.42	1.53	1.59
Sept. 9	1:33 p.m.	2:16 p.m.	1.22	1:33 p.m.	1:53 p.m.	.00	.22	.60	1.00	1.15	1.20	1.21	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.23
Sept. 25	N. a.	1:44 p.m.	3.17	7:25 a.m.	7:51 a.m.	.72	.16	.30	.50	.76	.94	1.03	1.10	1.14	1.24	1.35	1.59	1.70	1.73	1.75
San Antonio, Tex.:																				
Mar. 5	6:25 p.m.	7:02 p.m.	1.21	6:28 p.m.	6:42 p.m.	.02	[3] .40	[3] .94	[5] 1.16	1.18	1.18	1.18	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
Apr. 19	10:46 a.m.	12:15 p.m.	1.36	10:51 a.m.	11:10 a.m.	.01	.43	.91	1.10	1.19	1.24	1.28	1.30	1.32	1.33	1.34	1.34	1.34	1.35	1.35
May 4	10:02 p.m.	[1] 6:05 a.m.	1.65	10:45 p.m.	11:13 p.m.	.01	.10	.35	.67	.98	1.27	1.37	1.37	1.38	1.38	1.38	1.41	1.45	1.47	1.56
May 9–10 [3]	8:15 p.m.	2:58 a.m.	6.11	{9:28 p.m. 10:18 p.m. 11:08 p.m. 11:58 p.m.	10:18 p.m. 11:08 p.m. 11:58 p.m. 12:03 a.m.	.15	.12 2.91 3.18 5.75	.39 3.06 3.18	.73 3.06 3.21	1.12 3.06 3.27	1.38 3.10 3.47	1.49 3.17 3.80	2.12 3.17 4.34	2.57 3.18 4.91	2.65 3.18 5.42	2.68 3.18 5.65	....	....	....	....	....
June 13	[2] 12:30 p.m.	10:42 a.m.	4.12	6:25 a.m.	6:39 a.m.	3.03	.31	.53	.71	.74	.77	.79	.80	.82	.84	.86	.90	.96	1.01	1.05
OHIO VALLEY AND TENNESSEE																				
Chattanooga, Tenn.:																				
May 15	8:20 p.m.	[1] 6:58 a.m.	1.41	9:14 p.m.	9:31 p.m.	.13	.21	.48	.69	.80	.86	.90	.91	.93	.94	.96	.99	1.02	1.02	1.02
June 29	3:10 p.m.	5:15 p.m.	1.21	3:42 p.m.	4:01 p.m.	.04	.21	.55	.93	1.10	1.13	1.14	1.15	1.15	1.15	1.15	1.15	1.16	1.17	1.17
Aug. 14	2:20 p.m.	2:53 p.m.	.98	2:30 p.m.	2:52 p.m.	.05	.12	.35	.58	.82	.93	.93	.93	.93	.93	.93	.93	.93	.93	.93
Nov. 12	4:55 p.m.	9:55 p.m.	.96	5:43 p.m.	5:58 p.m.	.13	.20	.47	.60	.64	.66	.67	.69	.70	.72	.72	.73	.73	.74	.76
Knoxville, Tenn.:																				
July 4	7:53 p.m.	[1] 12:25 a.m.	1.47	7:57 p.m.	8:12 p.m.	.01	.34	.81	1.00	1.03	1.04	1.09	1.14	1.16	1.18	1.18	1.18	1.21	1.23	1.23
Oct. 15	2:46 a.m.	4:50 a.m.	1.62	3:02 a.m.	3:36 a.m.	.19	.16	.31	.44	.60	.77	1.05	1.24	1.25	1.32	1.36	1.42	1.42	1.43	1.43
Memphis, Tenn.:																				
June 13	3:12 p.m.	4:00 p.m.	1.52	3:13 p.m.	3:38 p.m.	.01	.36	.78	1.07	1.24	1.40	1.46	1.46	1.50	1.51	1.51	1.51	1.51	1.51	1.51
June 16	7:58 p.m.	10:00 p.m.	1.42	8:12 p.m.	8:39 p.m.	.19	.10	.24	.50	.80	.92	.99	1.05	1.06	1.07	1.12	1.20	1.22	1.23	1.23
July 20	8:17 p.m.	[1] 1:05 a.m.	2.20	9:06 p.m.	9:45 p.m.	.15	.17	.40	.74	.91	1.17	1.41	1.55	1.65	1.70	1.77	1.89	1.97	1.99	1.99
Oct. 22 [3]	7:15 a.m.	[1] 9:20 a.m.	6.47	10:19 a.m.	10:55 a.m.	2.01	.18	.40	.91	1.40	1.68	1.96	2.18	2.28	2.31	2.33	2.40	2.51	2.62	2.85
Nashville, Tenn.:																				
July 25	12:40 p.m.	2:55 p.m.	1.40	1:57 p.m.	2:09 p.m.	.33	.37	.61	.72	.78	.82	.84	.84	.94	1.05	1.06	1.07	1.07	1.07	1.07

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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.
OHIO VALLEY AND TENNESSEE—con.																				
Louisville, Ky.:			*In.*			*In.*														
May 2	4:20 p.m.	[1] 3:15 a.m.	2.08	6:06 p.m.	6:25 p.m.	0.28	0.31	0.60	0.67	0.73	0.73	0.73	0.75	0.77	0.78	0.78	0.78	0.78	0.86	0.91
Do	4:20 p.m.	[1] 3:15 a.m.	2.08	11:09 p.m.	11:31 p.m.	1.25	.12	.22	.42	.57	.62	.64	.67	.68	.68	.70	.73	.77	.77	.77
June 21	6:30 a.m.	6:10 p.m.	2.05	7:19 a.m.	8:08 a.m.	.13	.20	.22	.23	.32	.53	.72	.80	.80	.92	.98	1.02	1.03	1.07	1.24
July 6	6:30 p.m.	7:05 p.m.	.40	6:32 p.m.	6:47 p.m.	.01	.21	.30	.38	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39
July 25 [3]	7:50 a.m.	12:05 p.m.	.93	8:03 a.m.	8:37 a.m.	.02	.09	.18	.30	.44	.57	.64	.72	.73	.74	.75	.76	.78	.80	.82
Aug. 13	1:09 a.m.	2:30 a.m.	.49	1:25 a.m.	1:40 a.m.	.01	.15	.38	.46	.48	.48	.48	.48	.48	.48	.48	.48	.48	.48	.48
Aug. 15	10:00 p.m.	11:15 p.m.	.57	10:07 p.m.	10:17 p.m.	.01	.23	.42	.44	.44	.45	.47	.52	.54	.55	.55	.56	.56	.56	.56
Aug. 17	11:05 a.m.	12:11 p.m.	.64	11:16 a.m.	11:25 a.m.	.02	.26	.48	.51	.54	.58	.60	.62	.62	.62	.62	.62	.62	.62	.62
Aug. 26	8:30 p.m.	N. a.	1.02	10:04 p.m.	10:29 p.m.	.07	.20	.26	.42	.58	.65	.68	.71	.72	.73	.74	.76	.78	.78	.80
Evansville, Ind.:																				
May 2	7:03 a.m.	9:00 a.m.	.40	7:07 a.m.	7:14 a.m.	T	.26	.31	.32	.33	.33	.34	.34	.35	.36	.38	.38	.39	.40	.40
Do	2:20 p.m. 5:28 p.m.	5:06 p.m. 5:46 p.m.	1.78 .03	3:53 p.m.	4:24 p.m.	.13	.27	.50	.64	.75	1.13	1.29	1.32	1.33	1.36	1.42	1.43	1.65	1.66	1.68
Do	9:00 p.m.	[1] 1:50 a.m.	1.29	9:56 p.m.	10:15 p.m.	.09	.16	.42	.85	1.00	1.04	1.06	1.07	1.09	1.10	1.11	1.14	1.19	1.19	1.19
May 23	4:48 p.m.	9:45 p.m.	.83	6:22 p.m.	6:33 p.m.	.11	.14	.32	.35	.35	.35	.35	.36	.36	.36	.36	.36	.42	.65	.70
June 16	8:20 p.m.	9:45 p.m.	.69	8:34 p.m.	8:55 p.m.	.06	.23	.31	.41	.49	.61	.61	.61	.61	.62	.62	.63	.63	.63	.63
June 21	5:29 a.m.	11:32 a.m.	1.19	6:17 a.m.	6:48 p.m.	.02	.13	.24	.48	.56	.56	.65	.73	.75	.83	.84	.85	.91	1.12	1.17
July 20	1:08 p.m.	5:51 p.m.	1.39	3:24 p.m.	4:00 p.m.	.44	.10	.20	.25	.45	.65	.71	.77	.80	.83	.83	.84	.86	.91	.93
Nov. 10	9:35 p.m.	[1] 6:23 a.m.	.88	11:43 p.m.	12 Mdt.	.08	.16	.28	.37	.40	.41	.41	.41	.42	.42	.42	.42	.42	.43	.43
Indianapolis, Ind.:																				
May 2	12:02 a.m.	3:12 a.m.	1.14	1:32 a.m.	1:59 a.m.	.23	.22	.31	.37	.47	.54	.59	.61	.64	.64	.68	.78	.91	.91	.91
June 17	6:48 p.m.	8:48 p.m.	.93	7:46 p.m.	8:04 p.m.	.47	.13	.33	.40	.44	.45	.46	.46	.46	.46	.46	.46	.46	.46	.46
July 4	1:46 a.m.	6:07 a.m.	1.29	4:04 a.m.	4:35 a.m.	.26	.18	.29	.34	.52	.58	.64	.67	.70	.72	.73	.77	.77	.81	1.02
Aug. 17	5:04 p.m.	8:41 p.m.	3.18	5:07 p.m.	5:57 p.m.	.01	.15	.38	.79	1.01	1.07	1.20	1.41	1.58	1.70	1.85	----	----	----	----
				5:57 p.m.	6:47 p.m.	----	2.01	2.11	2.27	2.46	2.53	2.56	2.61	2.65	2.67	2.71	----	----	----	----
				6:47 p.m.	7:17 p.m.	----	2.80	2.87	2.92	2.97	3.01	3.09	----	----	----	----	----	----	----	----
Sept. 2	4:53 p.m.	[1] 3:30 a.m.	1.37	5:42 p.m.	6:00 p.m.	.02	.15	.31	.39	.42	.43	.44	.44	.44	.44	.44	.44	.45	.50	.56
Terre Haute, Ind.:																				
May 2	[2] 5:30 p.m.	9:40 a.m.	1.57	3:26 a.m.	3:45 a.m.	.65	.10	.15	.37	.48	.50	.52	.54	.56	.58	.61	.63	.65	.66	.68
Do	2:30 p.m.	6:05 p.m.	1.80	4:07 p.m.	4:40 p.m.	.27	.07	.14	.26	.56	.71	.78	.83	.87	.90	.91	.95	1.00	1.02	1.03
June 16	7:10 p.m.	[1] N. a.	.43	7:10 p.m.	7:20 p.m.	.00	.20	.31	.37	.36	.36	.37	.37	.38	.39	.40	.40	.41	.41	.41
June 26	3:06 p.m.	6:20 p.m.	1.49	4:15 p.m.	4:45 p.m.	.02	.20	.38	.53	.76	1.03	1.19	1.20	1.23	1.26	1.27	1.29	1.32	1.39	1.41
July 20	8:44 a.m.	1:35 p.m.	1.70	9:58 a.m.	10:24 a.m.	.65	.13	.30	.49	.62	.68	.72	.73	.74	.75	.75	.76	.80	.92	.97
July 23	11:00 a.m.	2:50 p.m.	1.47	11:13 a.m.	11:30 a.m.	.01	.16	.30	.40	.55	.80	1.05	1.17	1.22	1.25	1.28	1.30	1.34	1.37	1.38
Aug. 12	11:05 p.m.	11:55 p.m.	.73	11:05 p.m.	11:55 p.m.	2.00	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.73	.73	.73	.73	.73
Aug. 18	4:32 p.m.	7:25 p.m.	1.43	4:38 p.m.	5:17 p.m.	.0[illegible]	.13	.31	.61	.90	1.10	1.19	1.25	1.31	1.33	1.34	1.35	1.37	1.39	1.40
Cincinnati, Ohio:																				
Mar. 23	1:01 p.m.	1:45 p.m.	.3[illegible]	1:19 p.m.	1:25 p.m.	.02	.28	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30
May 29	3:30 p.m.	6:04 p.m.	.5[illegible]	4:07 p.m.	4:21 p.m.	.06	.19	.40	.47	.48	.50	.50	.51	.52	.52	.52	.52	.52	.52	.53
June 2	1:27 p.m.	2:45 p.m.	.49	1:39 p.m.	1:45 p.m.	.07	.36	.39	.41	.43	.44	.45	.45	.46	.47	.47	.48	.48	.48	.48
Aug. 3	4:51 p.m.	6:35 p.m.	.8[illegible]	5:07 p.m.	5:34 p.m.	.05	.14	.29	.30	.43	.67	.71	.75	.77	.77	.78	.78	.78	.78	.78
Columbus, Ohio:																				
May 3	[2] 7:15 p.m.	6:55 a.m.	1.0[illegible]	3:09 a.m.	3:22 a.m.	.58	.22	.33	.42	.44	.46	.48	.50	.50	.51	.51	.51	.51	.51	.51
July 3	4:15 p.m.	10:40 p.m.	1.0[illegible]	6:43 p.m.	7:08 p.m.	.0[illegible]	.25	.40	.45	.55	.60	.63	.64	.65	.67	.70	.73	.77	.83	.89
July 4	6:30 a.m.	8:45 a.m.	.52	6:36 a.m.	6:48 a.m.	.01	.23	.37	.42	.44	.45	.45	.45	.45	.45	.45	.46	.46	.46	.47
Do	7:10 p.m.	8:50 p.m.	.52	7:18 p.m.	7:32 p.m.	.01	.18	.39	.47	.49	.49	.49	.49	.49	.49	.49	.50	.51	.51	.51
July 5	6:20 p.m.	7:12 p.m.	1.28	6:30 p.m.	6:51 p.m.	.01	.25	.70	1.06	1.25	1.26	1.26	1.26	1.27	1.27	1.27	1.27	1.27	1.27	1.27
Aug. 7	N. a.	10:10 a.m.	2.37	7:30 a.m.	8:31 a.m.	.18	.30	.90	1.16	1.31	1.39	1.40	1.50	1.53	1.66	1.85	1.89	1.91	2.11	2.17
Aug. 10	2:40 p.m.	4:00 p.m.	.76	2:53 p.m.	3:16 p.m.	.01	.11	.31	.50	.60	.66	.70	.72	.73	.74	.74	.74	.75	.75	.75
Aug. 13	4:15 a.m.	5:20 a.m.	.4[illegible]	4:35 a.m.	4:46 a.m.	.0[illegible]	.13	.33	.37	.38	.40	.40	.40	.44	.46	.46	.47	.47	.47	.47
Aug. 16	12:10 a.m.	7:20 a.m.	1.2[illegible]	12:32 a.m.	12:44 a.m.	.02	.13	.30	.34	.36	.37	.38	.38	.39	.40	.41	.45	.50	.54	.58
Sept. 19	6:25 p.m.	7:09 p.m.	.4[illegible]	6:52 p.m.	7:02 p.m.	.0[illegible]	.17	.32	.36	.37	.37	.37	.37	.37	.37	.37	.37	.37	.37	.37
Dayton, Ohio:																				
May 2	N. a.	12:45 p.m.	2.0[illegible]	7:10 a.m.	8:05 a.m.	.44	.08	.18	.21	.36	.46	.56	.61	.87	1.08	1.21	1.30	1.35	1.37	1.50
July 4	4:53 p.m.	5:30 p.m.	1.18	4:59 p.m.	5:20 p.m.	T	.19	.53	.96	1.11	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Aug. 13	3:00 a.m.	5:50 a.m.	.91	3:17 a.m.	3:38 a.m.	.01	.19	.40	.67	.77	.81	.83	.85	.85	.85	.85	.85	.85	.86	.87
Elkins, W. Va.:																				
June 16	5:55 p.m.	7:10 p.m.	.56	6:08 p.m.	6:18 p.m.	.11	.26	.37	.39	.40	.40	.40	.41	.43	.44	.44	.45	.45	.45	.45
June 21	5:50 p.m.	8:05 p.m.	.57	5:53 p.m.	6:03 p.m.	.01	.27	.34	.37	.39	.42	.44	.47	.50	.52	.53	.55	.56	.56	.56
July 7	6:18 p.m.	9:05 p.m.	1.76	6:29 p.m.	7:03 p.m.	.01	.14	.42	.52	.82	.98	1.10	1.18	1.20	1.24	1.27	1.33	1.38	1.50	1.68
				4:03 p.m.	4:53 p.m.	.0[illegible]	.13	.28	.44	.72	.91	1.19	1.43	1.68	1.81	1.87	----	----	----	----
July 8	4:00 p.m.	7:15 p.m.	3.76	4:53 p.m.	5:43 p.m.	----	1.90	2.01	2.10	2.20	2.31	2.40	2.47	2.56	2.64	2.78	----	----	----	----
				5:43 p.m.	6:16 p.m.	----	2.89	3.02	3.22	3.39	3.45	3.56	3.60	----	----	----	----	----	----	----
July 21	4:00 p.m.	5:02 p.m.	.58	4:33 p.m.	4:58 p.m.	.02	.06	.14	.32	.44	.55	.56	.56	.56	.56	.56	.56	.56	.56	.56
Aug. 3	2:35 a.m.	7:30 a.m.	1.87	3:12 a.m.	3:51 a.m.	.26	.06	.20	.35	.63	.79	.82	.91	.99	1.01	1.05	1.12	1.19	1.20	1.22
Aug. 14	4:45 p.m.	5:20 p.m.	.50	4:52 p.m.	5:05 p.m.	.02	.16	.40	.46	.47	.48	.48	.48	.48	.48	.48	.48	.48	.48	.48
Parkersburg, W. Va.:																				
May 6	2:40 p.m.	10:00 p.m.	.85	3:08 p.m.	3:21 p.m.	.02	.14	.40	.44	.46	.47	.47	.47	.48	.48	.48	.50	.50	.50	.50
May 13	9:45 a.m.	11:00 a.m.	.66	9:49 a.m.	10:02 a.m.	.01	.22	.50	.56	.57	.58	.58	.59	.60	.62	.63	.65	.65	.65	.65
May 14	2:10 a.m.	3:30 a.m.	.50	2:19 a.m.	2:29 a.m.	.03	.32	.46	.46	.46	.46	.46	.46	.46	.46	.47	.47	.47	.47	.47
July 3	9:05 p.m.	[1] 1:30 a.m.	1.33	9:30 p.m.	10:20 p.m.	.01	.06	.13	.35	.45	.51	.66	.74	.81	.94	1.03	1.10	1.14	1.16	1.21
July 23	4:45 p.m.	5:30 p.m.	.66	4:48 p.m.	5:10 p.m.	.01	.25	.45	.45	.54	.59	.59	.64	.65	.65	.65	.65	.65	.65	.65
July 24–25	11:45 p.m.	2:00 a.m.	.87	11:55 p.m.	12:10 a.m.	.06	.18	.37	.58	.62	.63	.64	.64	.66	.67	.70	.73	.77	.80	.81
July 31	10:07 p.m.	[1] 5:30 a.m.	4.32	10:11 p.m.	10:44 p.m.	.02	.11	.14	.22	.46	.62	.72	.77	.77	.77	.77	.77	.77	.78	.78
Aug. 1	[2] 10:07 p.m.	5:30 a.m.	4.32	12:11 a.m.	12:41 a.m.	.81	.45	.82	1.10	1.31	1.38	1.45	1.49	1.54	1.55	1.56	1.56	1.66	2.43	2.46
Do	[2] 10:07 p.m.	5:30 a.m.	4.32	1:27 a.m.	1:45 a.m.	2.43	.07	.35	.69	.81	.81	.84	.84	.84	.84	.84	.97	1.23	1.23	1.23
Do	[2] 10:07 p.m.	5:30 a.m.	4.32	3:27 a.m.	3:48 a.m.	3.67	.20	.33	.37	.47	.49	.49	.50	.50	.50	.50	.59	.62	.65	.65
Aug. 2	3:45 a.m. 5:15 a.m.	4:10 a.m. 5:45 a.m.	.36 .53	3:45 a.m.	3:56 a.m.	.00	.18	.33	.35	.36	.36	.36	.36	.36	.36	.36	.36	.36	.42	.53
Aug. 7	12:45 a.m.	4:00 a.m.	.82	2:45 a.m.	2:53 a.m.	.27	.24	.36	.39	.44	.46	.46	.46	.46	.46	.48	.55	.55	.55	.55
Do	6:59 a.m.	11:40 a.m.	1.32	8:51 a.m.	9:10 a.m.	.60	.06	.26	.40	.47	.51	.53	.55	.57	.57	.58	.59	.61	.63	.69
Aug. 10	2:50 p.m.	3:30 p.m.	.37	2:52 p.m.	3:07 p.m.	.01	.18	.29	.35	.35	.35	.36	.36	.36	.36	.36	.36	.36	.36	.36
Aug. 13	11:56 p.m.	[1] 12:55 a.m.	.70	11:58 p.m.	12:28 p.m.	.01	.14	.21	.29	.36	.51	.62	.66	.68	.69	.69	.69	.69	.69	.69
Aug. 27	8:35 p.m.	9:40 p.m.	.81	8:43 p.m.	9:12 p.m.	.02	.18	.28	.39	.62	.71	.78	.79	.79	.79	.79	.79	.79	.79	.79
Sept. 3	[2] 11:00 p.m.	5:15 a.m.	1.50	1:35 a.m.	2:17 a.m.	.20	.11	.23	.31	.38	.45	.60	.71	.90	.95	.95	.96	.97	.97	1.08

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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.
OHIO VALLEY AND TENNESSEE—COn.																				
Pittsburgh, Pa.:			*In.*			*In.*														
June 18	3:17 p.m.	3:57 p.m.	0.46	3:31 p.m.	3:42 p.m.	0.05	0.15	0.39	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.49	0.49	0.49	0.49
	4:20 p.m.	4:30 p.m.	.08																	
July 28	5:16 p.m.	6:14 p.m.	.77	5:21 p.m.	5:54 p.m.	.01	.33	.38	.42	.45	.52	.64	.75	.76	.76	.76	.76	.76	.76	.76
Aug. 2	12 mdt.	1:50 a.m.	.80	12:04 a.m.	12:24 a.m.	T	.24	.50	.65	.76	.77	.79	.79	.80	.80	.80	.80	.80	.80	.80
Do	3:00 p.m.	4:58 p.m.	.42	3:10 p.m.	3:27 p.m.	T	.15	.27	.35	.37	.38	.39	.39	.39	.39	.39	.39	.40	.42	.42
Aug. 3	1:57 p.m.	7:06 p.m.	1.02	2:17 p.m.	2:53 p.m.	.02	.08	.23	.32	.34	.37	.45	.88	.89	.89	.89	.89	.89	.89	.91
Aug. 15	3:46 p.m.	10:50 p.m.	.87	4:08 p.m.	4:31 p.m.	.03	.15	.32	.47	.54	.58	.59	.60	.60	.61	.61	.61	.62	.65	.69
LOWER LAKE REGION																				
Canton, N. Y.:																				
July 7	12:40 p.m.	7:09 p.m.	1.30	1:28 p.m.	1:48 p.m.	.06	.13	.28	.40	.51	.55	.56	.57	.57	.57	.58	.60	.60	.70	.73
July 8	2:45 p.m.	3:04 p.m.	.41	2:46 p.m.	2:53 p.m.	T	.28	.41	.41	.41	.41	.41	.41	.41	.41	.41	.41	.41	.41	.41
	4:04 p.m.	4:25 p.m.	T																	
July 23	12:08 p.m.	3:32 p.m.	2.08	12:13 p.m.	1:19 p.m.	.03	.11	.35	.57	.84	1.04	1.08	1.08	1.08	1.09	1.09	1.58	1.87	1.90	1.93
Aug. 1	2:08 p.m.	3:12 p.m.	1.00	2:32 p.m.	2:59 p.m.	.03	.06	.20	.33	.61	.87	.97	.97	.97	.97	.97	.97	.97	.97	.97
Aug. 11	4:01 p.m.	4:55 p.m.	.84	4:06 p.m.	4:41 p.m.	.01	.36	.53	.58	.64	.65	.68	.81	.83	.83	.83	.83	.83	.83	.83
Ithaca, N. Y.:																				
June 17	4:17 p.m.	[1] N. a.	.75	4:25 p.m.	4:42 p.m.	.01	.18	.32	.46	.52	.52	.52	.53	.53	.53	.53	.53	.53	.53	.56
July 6	9:15 p.m.	[1] N. a.	1.03	9:18 p.m.	9:35 p.m.	.01	.11	.18	.45	.53	.54	.54	.54	.54	.54	.54	.55	.90	.95	.96
July 7	4:35 p.m.	6:10 p.m.	1.45	4:38 p.m.	5:27 p.m.	.01	.31	.42	.47	.52	.54	.58	.79	1.01	1.14	1.32	1.41	1.44	1.44	1.44
Do	7:35 p.m.	8:25 p.m.	.65	7:36 p.m.	8:13 p.m.	.13	.10	.18	.39	.51	.52	.52	.52	.52	.52	.52	.57	.80	.98	1.19
	8:45 p.m.	[1] 6:20 a.m.	4.91																	
Do	8:45 p.m.	[1] 6:20 a.m.	4.91	11:04 p.m.	11:19 p.m.	.89	.27	.54	.58	.58	.58	.58	.58	.59	.60	.61	.65	.93	1.54	1.94
July 8	[2] 8:45 p.m.	6:20 a.m.	4.91	12:16 a.m.	1:36 a.m.	1.60	.12	.31	.49	.61	.74	.86	.94	1.03	1.14	1.28	1.60	2.12	2.17	2.42
July 12	5:55 p.m.	8:18 p.m.	.88	6:05 p.m.	6:21 p.m.	.01	.28	.45	.54	.58	.62	.67	.71	.77	.77	.78	.79	.82	.84	.87
July 23	11:40 a.m.	12:35 p.m.	.71	11:43 a.m.	12:27 p.m.	.01	.15	.22	.36	.41	.41	.48	.54	.63	.70	.70	.70	.70	.70	.70
Aug. 1	10:53 a.m.	11:25 a.m.	.44	11:02 a.m.	11:15 a.m.	.01	.30	.41	.43	.43	.43	.43	.43	.43	.43	.43	.43	.43	.43	.43
Oct. 29	9.15 p.m.	[1] N. a.	1.11	10:58 p.m.	11:20 p.m.	.26	.10	.34	.46	.55	.57	.58	.59	.59	.59	.60	.62	.72	.82	.84
Oswego, N. Y.:																				
July 7	11:58 a.m.	2:50 p.m.	.55	1:20 p.m.	1:36 p.m.	.05	.16	.28	.38	.41	.41	.42	.42	.42	.42	.43	.44	.48	.50	.50
July 21	3:46 p.m.	4:20 p.m.	.35	3:46 p.m.	3:55 p.m.	.60	.14	.33	.34	.34	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35
Rochester, N. Y.:																				
July 7	11:50 a.m.	1:30 p.m.	2.11	12:04 p.m.	12:38 p.m.	.04	.21	.52	.97	1.44	1.74	1.98	2.03	2.04	2.06	2.06	2.07	2.07	2.07	2.07
Aug. 10	10:35 a.m.	2:00 p.m.	1.06	12:48 p.m.	1:15 p.m.	.24	.06	.38	.41	.53	.59	.63	.67	.70	.73	.76	.80	.82	.82	.82
Aug. 21	2:43 p.m.	3:30 p.m.	.35	2:52 p.m.	3:02 p.m.	.03	.07	.31	.31	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32
Syracuse, N. Y.:																				
June 7	2:47 p.m.	8:45 p.m.	.92	2:53 p.m.	3:01 p.m.	T	.25	.30	.32	.32	.32	.32	.32	.32	.32	.32	.35	.43	.52	.57
June 22	5:20 p.m.	6:15 p.m.	.65	5:31 p.m.	5:53 p.m.	.02	.08	.41	.50	.57	.61	.63	.63	.63	.63	.63	.63	.63	.63	.63
July 7	1:24 p.m.	5:55 p.m.	1.94	1:28 p.m.	2:03 p.m.	.01	.09	.23	.33	.34	.34	.53	.75	.78	.79	.82	.83	.83	1.16	1.40
Do	1:24 p.m.	5:55 p.m.	1.94	2:58 p.m.	3:42 p.m.	.84	.15	.34	.46	.53	.55	.58	.77	.90	1.02	1.02	1.02	1.03	1.08	1.09
July 15	12:57 p.m.	2:45 p.m.	.55	1:13 p.m.	1:32 p.m.	.01	.20	.33	.37	.44	.44	.44	.44	.44	.45	.45	.46	.54	.54	.54
July 19	1:22 p.m.	2:18 p.m.	.45	1:42 p.m.	1:54 p.m.	.01	.08	.37	.43	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44
July 23	4:14 p.m.	6:40 p.m.	.47	4:29 p.m.	4:47 p.m.	T	.06	.13	.29	.40	.42	.42	.42	.44	.46	.46	.46	.46	.46	.47
Aug. 10	2:08 p.m.	[1] 12:15 a.m.	1.99	3:48 p.m.	4:24 p.m.	.17	.14	.31	.38	.41	.43	.45	.63	.66	.68	.70	.72	.80	.88	.92
Erie, Pa.:																				
July 7	8:35 p.m.	[1] N. a.	1.32	9:25 p.m.	10:14 p.m.	.09	.05	.12	.30	.44	.49	.60	.75	.82	.94	1.04	1.06	1.07	1.08	1.08
July 24	2:55 a.m.	7:25 a.m.	3.26	3:01 a.m.	4:26 a.m.	.01	.27	.39	.62	.89	1.07	1.41	1.78	1.92	2.08	2.27	2.36	2.51	2.73	2.74
July 25	N. a.	N. a.	1.60	3:21 a.m.	3:51 a.m.	.11	.18	.47	.69	.95	1.19	1.28	1.31	1.35	1.37	1.37	1.38	1.42	1.45	1.47
July 28	7:30 a.m.	8:46 a.m.	.72	8:23 a.m.	8:43 a.m.	.04	.13	.27	.46	.66	.68	.68	.68	.68	.68	.68	.68	.68	.68	.68
Sept. 19	7:32 p.m.	8:20 p.m.	.32	7:55 p.m.	8:00 p.m.	.01	.27	.29	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
Cleveland, Ohio:																				
July 22	10:24 a.m.	12:03 p.m.	.45	10:34 a.m.	10:42 a.m.	T	.28	.39	.39	.40	.40	.40	.40	.40	.40	.40	.40	.43	.45	.45
Aug. 2	6:48 p.m.	8:47 p.m.	1.22	6:50 p.m.	7:08 p.m.	T	.22	.50	.74	.94	.97	.99	1.01	1.01	1.01	1.02	1.03	1.04	1.11	1.22
Aug. 7	12:15 a.m.	2:00 a.m.	.39	12:19 a.m.	12:30 a.m.	T	.14	.35	.37	.38	.38	.38	.38	.38	.38	.38	.38	.38	.39	.39
Aug. 8	5:07 a.m.	5:45 a.m.	.50	5:10 a.m.	5:23 a.m.	T	.11	.37	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50
Aug. 27	11:33 a.m.	12:37 p.m.	.37	11:45 a.m.	11:53 a.m.	T	.21	.31	.34	.35	.36	.37	.37	.37	.37	.37	.37	.37	.37	.37
Sandusky, Ohio:																				
July 15	12:41 p.m.	2:50 p.m.	.60	12:51 p.m.	12:58 p.m.	.03	.24	.32	.35	.38	.40	.44	.45	.46	.47	.52	.53	.55	.56	.57
July 25	4:38 p.m.	6:10 p.m.	3.77	4:42 p.m.	5:47 p.m.	.02	.12	.52	.97	1.35	1.62	1.76	1.99	2.16	2.50	2.90	3.45	3.75	3.75	3.75
Toledo, Ohio:																				
Aug. 6	9:14 p.m.	[1] N. a.	1.03	9:17 p.m.	9:28 p.m.	.01	.26	.49	.50	.51	.56	.59	.59	.59	.59	.59	.61	.64	.72	.86
Aug. 10	5:16 a.m.	7:15 a.m.	.52	5:28 a.m.	5:45 a.m.	.01	.15	.32	.41	.42	.43	.43	.44	.45	.45	.46	.48	.50	.51	.51
Fort Wayne, Ind.:																				
May 28	6:15 p.m.	8:10 p.m.	.78	6:34 p.m.	6:49 p.m.	.02	.32	.48	.65	.66	.67	.68	.70	.71	.71	.73	.75	.75	.76	.76
July 3	1:20 p.m.	2:40 p.m.	.51	1:41 p.m.	1:55 p.m.	.03	.20	.39	.46	.46	.46	.46	.47	.47	.47	.48	.48	.48	.48	.48
July 5	2:43 p.m.	3:50 p.m.	.62	2:43 p.m.	2:55 p.m.	.00	.28	.53	.55	.55	.55	.57	.60	.61	.61	.61	.62	.62	.62	.62
Aug. 7	3:16 a.m.	N. a.	.51	3:18 a.m.	3:28 a.m.	.01	.28	.49	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50
Aug. 18	1:15 p.m.	4:40 p.m.	.54	2:10 p.m.	2:25 p.m.	.05	.19	.26	.36	.37	.37	.43	.43	.43	.43	.43	.43	.44	.48	.48
Detroit, Mich.:																				
July 14	9:15 p.m.	9:35 p.m.	.46	9:23 p.m.	9:31 p.m.	.03	.32	.43	.43	.43	.43	.43	.43	.43	.43	.43	.43	.43	.43	.43
July 19	2:05 p.m.	4:05 p.m.	2.42	2:11 p.m.	3:03 p.m.	.03	.34	.57	.85	1.11	1.32	1.51	1.73	2.01	2.20	2.29	2.37	2.39	2.39	2.39
UPPER LAKE REGION																				
Alpena, Mich.:																				
June 14	1:12 p.m.	1:32 p.m.	.45	1:15 p.m.	1:30 p.m.	.01	.11	.28	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44
Escanaba, Mich.:																				
June 12	11:40 a.m.	12:35 p.m.	.51	12:12 p.m.	12:29 p.m.	.03	.12	.24	.34	.47	.48	.48	.48	.48	.48	.48	.48	.48	.48	.48
July 14	12:55 p.m.	1:24 p.m.	.63	1:03 p.m.	1:18 p.m.	.03	.19	.38	.58	.60	.60	.60	.60	.60	.60	.60	.60	.61	.65	.71
	2:20 p.m.	7:30 p.m.	.21																	
July 21	2:52 p.m.	4:25 p.m.	.88	3:03 p.m.	3:23 p.m.	.01	.19	.48	.69	.82	.85	.85	.86	.86	.86	.87	.87	.87	.87	.87

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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 LAKE REGION—contd.																				
Grand Rapids, Mich.:			*In.*			*In.*														
June 16	4:21 p.m. / 5:54 p.m.	4:57 p.m. / 11:52 p.m.	0.55 / .44	4:27 p.m.	4:40 p.m.	0.01	0.17	0.49	0.53	0.53	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.55
June 26	1:12 p.m.	6:24 p.m.	2.06	1:29 p.m.	2:24 p.m.	.01	.12	.21	.27	.38	.62	.77	.84	.90	1.02	1.23	1.36	1.37	1.38	1.40
July 3	11:27 a.m.	3:07 p.m.	1.90	11:53 a.m.	12:43 p.m.	.08	.28	.46	.54	.71	1.02	1.12	1.19	1.23	1.31	1.42	1.49	1.55	1.57	1.57
July 21	1:56 p.m.	3:55 p.m.	.90	2:02 p.m.	3:00 p.m.	.01	.11	.19	.17	.20	.26	.41	.56	.59	.60	.67	.80	.85	.89	.89
July 28	12:04 a.m.	12:57 a.m.	.41	12:20 a.m.	12:32 a.m.	.01	.18	.36	.39	.39	.40	.40	.40	.40	.40	.40	.40	.40	.40	.40
Aug. 6	2:07 a.m. / 4:02 a.m.	3:35 a.m. / 4:52 a.m.	.63 / .13	2:27 a.m.	2:53 a.m.	.04	.26	.27	.27	.36	.46	.53	.56	.58	.58	.58	.59	.59	.60	.72
Sept. 16	8:54 p.m.	11:42 p.m.	.94	9:30 p.m.	9:38 p.m.	.15	.38	.44	.45	.45	.46	.46	.46	.46	.46	.46	.47	.75	.79	.79
Nov. 3	1:41 p.m. / 12:49 a.m.	12:14 a.m. / 9:20 a.m.	2.13 / .51	11:12 p.m.	11:30 p.m.	1.39	.17	.31	.66	.73	.73	.73	.73	.73	.73	.73	.74	.74	.74	.75
Lansing, Mich.:																				
June 26	1:30 p.m.	7:10 p.m.	1.87	5:23 p.m.	6:16 p.m.	.32	.30	.52	.71	.93	1.09	1.21	1.22	1.27	1.39	1.45	1.53	1.55	1.55	1.55
July 19	4:46 p.m.	8:10 p.m.	1.11	5:09 p.m.	5:34 p.m.	.05	.32	.62	.73	.87	.93	.95	.95	.96	.96	.96	.98	1.00	1.04	1.06
Aug. 20	4:40 p.m.	6:35 p.m.	.79	5:35 p.m.	6:10 p.m.	.09	.05	.22	.36	.33	.37	.48	.63	.65	.66	.69	.70	.70	.70	.70
Marquette, Mich.:																				
July 5	9:12 p.m.	[1] 12:35 a.m.	1.52	10:10 p.m.	10:44 p.m.	.07	.13	.32	.53	.74	1.00	1.28	1.30	1.38	1.38	1.38	1.38	1.38	1.38	1.45
July 30	1:50 a.m.	6:18 a.m.	.92	5:23 a.m.	5:48 a.m.	.17	.08	.26	.41	.60	.69	.73	.74	.74	.74	.74	.75	.75	.75	.75
Sault Ste. Marie, Mich.:																				
June 16	9:45 a.m.	3:43 p.m.	1.37	1:59 p.m.	2:27 p.m.	.39	.13	.30	.41	.54	.65	.70	.72	.75	.77	.80	.86	.96	.97	.98
Sept. 14	6:52 a.m.	12:05 p.m.	.67	7:25 a.m.	7:39 a.m.	.21	.13	.30	.35	.36	.37	.37	.37	.37	.38	.38	.38	.40	.44	.45
Chicago, Ill.:																				
May 12	3:10 a.m.	9:15 a.m.	2.67	4:28 a.m.	6:01 a.m.	.21	.00	.18	.28	.35	.48	.53	.74	.95	1.08	1.13	1.21	1.72	1.95	2.08
June 16	1:13 p.m.	[1] 4:09 a.m.	1.48	5:50 p.m.	6:09 p.m.	.31	.11	.26	.39	.45	.45	.46	.46	.47	.47	.48	.61	.97	.98	.98
Do	1:13 p.m.	[1] 4:09 a.m.	1.48	6:43 p.m.	7:07 p.m.	.81	.10	.16	.27	.38	.47	.47	.47	.47	.48	.48	.48	.48	.48	.48
June 18	8:08 p.m.	9:33 p.m.	1.06	8:51 p.m.	9:10 p.m.	.03	.08	.37	.75	.94	.95	.96	1.02	1.03	1.03	1.03	1.03	1.03	1.03	1.03
June 26	9:40 a.m.	3:44 p.m.	.68	9:42 a.m.	9:47 a.m.	.01	.27	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.29	.30	.34
July 5	12:24 p.m.	1:47 p.m.	.51	12:29 p.m.	12:42 p.m.	.01	.23	.41	.46	.48	.49	.50	.50	.50	.50	.50	.50	.50	.50	.50
July 23	6:57 a.m.	8:25 a.m.	.42	6:57 a.m.	7:09 a.m.	.00	.21	.31	.36	.37	.38	.39	.40	.40	.40	.40	.41	.42	.42	.42
July 25	1:13 p.m.	1:26 p.m.	.32	1:13 p.m.	1:21 p.m.	.00	.19	.31	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32
July 28	2:04 a.m. / 3:23 a.m.	3:02 a.m. / 3:32 a.m.	.66 / .01	2:16 a.m.	2:35 a.m.	.05	.16	.36	.48	.58	.59	.59	.60	.60	.61	.61	.61	.62	.62	.62
Aug. 2	9:24 p.m.	[1] 12:50 a.m.	1.17	9:48 p.m.	10:12 p.m.	.03	.37	.71	.87	.96	1.03	1.07	1.07	1.06	1.07	1.07	1.07	1.10	1.11	1.13
Aug. 17	4:28 p.m.	6:48 p.m.	.42	4:33 p.m.	4:47 p.m.	.01	.08	.30	.37	.38	.38	.38	.39	.39	.39	.39	.39	.41	.41	.41
Green Bay, Wis.:																				
June 12	3:45 p.m.	4:45 p.m.	.89	4:14 p.m.	4:36 p.m.	.07	.40	.50	.50	.58	.72	.73	.73	.73	.73	.73	.73	.73	.73	.73
July 11	6:49 p.m.	10:30 p.m.	.44	7:02 p.m.	7:17 p.m.	.01	.12	.29	.36	.36	.41	.41	.41	.41	.42	.42	.42	.43	.43	.43
July 24	3:55 p.m.	5:20 p.m.	.60	4:55 p.m.	5:11 p.m.	.01	.07	.11	.22	.34	.44	.51	.57	.58	.59	.59	.59	.59	.59	.59
Aug. 5	10:15 p.m.	[1] 2:00 a.m.	2.03	10:28 p.m.	11:19 p.m.	.01	.12	.14	.25	.41	.49	.76	.93	1.08	1.28	1.41	1.44	1.53	1.58	1.69
Aug. 9	9:30 a.m.	2:10 p.m.	.61	1:32 p.m.	1:43 p.m.	.04	.17	.52	.56	.56	.56	.56	.57	.57	.57	.57	.57	.57	.57	.57
Sept. 18	2:50 p.m.	6:25 p.m.	.96	4:33 p.m.	4:56 p.m.	.19	.10	.30	.41	.64	.69	.69	.69	.70	.70	.70	.73	.73	.76	.77
Milwaukee, Wis.:																				
July 2	N.a.	6:10 a.m.	.45	4:43 a.m.	4:59 a.m.	.04	.14	.18	.36	.38	.38	.38	.38	.38	.38	.38	.38	.41	.41	.41
July 23	2:38 p.m.	3:50 p.m.	2.02	2:46 p.m.	3:21 p.m.	.02	.25	.47	.93	1.47	1.74	1.85	1.89	1.94	1.96	1.99	2.00	2.00	2.00	2.00
Aug. 2	[2] 6:30 p.m.	8:15 a.m.	2.08	4:06 a.m.	5:25 a.m.	.46	.11	.25	.37	.47	.47	.47	.47	.57	.72	.76	.85	1.45	1.54	1.54
Duluth, Minn.:																				
June 16	[2] 9:45 p.m.	6:00 a.m.	1.12	12:27 a.m.	12:38 a.m.	.30	.18	.40	.45	.46	.48	.49	.51	.52	.55	.56	.58	.63	.64	.64
July 10	9:25 a.m.	9:50 a.m.	.37	9:30 a.m.	9:38 a.m.	.01	.20	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36
July 11	7:15 a.m.	9:40 a.m.	.44	7:32 a.m.	7:46 a.m.	.01	.13	.33	.38	.38	.39	.39	.39	.40	.40	.41	.43	.43	.43	.43
July 27	1:10 a.m.	4:00 a.m.	.99	1:39 a.m.	2:11 a.m.	.01	.06	.13	.28	.45	.62	.72	.77	.80	.81	.83	.90	.91	.92	.97
Aug. 9	N.a.	8:20 a.m.	1.95	6:38 a.m.	7:43 a.m.	.33	.17	.31	.45	.61	.78	.93	1.07	1.19	1.37	1.40	1.53	1.61	1.62	1.62
Aug. 19	10:20 p.m.	[1] 7:05 a.m.	1.56	10:20 p.m.	10:29 p.m.	.00	.28	.38	.40	.46	.41	.43	.44	.46	.46	.47	.49	.55	.65	.70
Moorhead, Minn.:																				
June 13	6:36 p.m.	8:04 p.m.	.43	6:54 p.m.	7:02 p.m.	.03	.14	.35	.38	.38	.38	.39	.39	.39	.39	.39	.39	.40	.40	.40
June 24	6:38 p.m.	N.p.	1.53	6:46 p.m.	7:34 p.m.	.01	.21	.46	.71	.89	.89	.93	1.01	1.14	1.26	1.31	1.33	1.34	1.36	1.42
July 10	11:12 a.m.	11:57 a.m.	.73	11:17 a.m.	11:35 a.m.	.01	.36	.55	.66	.70	.71	.71	.72	.72	.72	.72	.72	.72	.72	.72
July 11	N.a.	N.a.	.74	3:23 a.m.	3:32 a.m.	.01	.29	.49	.50	.52	.58	.60	.60	.61	.62	.62	.63	.68	.71	.73
July 26	9:22 p.m. / N.p.	9:55 p.m. / N.p.	.31 / .06	7:32 p.m.	9:39 p.m.	.01	.25	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.35
Aug. 19	7:20 a.m.	2:50 p.m.	1.81	1:17 p.m.	1:54 p.m.	.71	.07	.32	.53	.72	.76	.80	.94	.99	1.01	1.05	1.09	1.10	1.10	1.10
Do	3:17 p.m.	[1] N.a.	1.62	3:25 p.m.	3:49 p.m.	.01	.11	.29	.46	.50	.56	.57	.57	.59	.66	.72	.83	.83	.88	.89
Bismarck, N.Dak.:																				
June 15	8:40 a.m.	2:50 p.m.	.92	1:39 p.m.	1:56 p.m.	.17	.17	.44	.60	.65	.68	.71	.73	.73	.73	.74	.75	.75	.75	.75
July 4	7:12 p.m.	[1] 12:05 a.m.	1.10	7:19 p.m.	7:44 p.m.	.02	.09	.31	.47	.55	.63	.66	.66	.66	.67	.68	.68	.71	.73	.75
July 9	3:36 a.m.	8:10 a.m.	1.38	3:40 a.m.	4:01 a.m.	.01	.13	.24	.32	.41	.45	.50	.52	.55	.58	.60	.66	.75	.75	.93
Do	3:36 a.m.	8:10 a.m.	1.38	6:32 a.m.	6:43 a.m.	.98	.12	.30	.35	.36	.38	.38	.38	.38	.38	.38	.38	.38	.40	.40
July 10	12:42 a.m.	1:30 a.m.	.43	12:50 a.m.	1:05 a.m.	.01	.17	.30	.38	.41	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42
July 10-11	11:43 p.m. / 1:14 a.m.	12:55 a.m. / 2:10 a.m.	1.01 / .05	11:53 p.m.	12:20 a.m.	.02	.27	.65	.78	.83	.88	.91	.95	.98	.99	.99	.99	.99	1.00	1.02
July 22	3:50 p.m.	5:35 p.m.	.82	3:59 p.m.	4:11 p.m.	.01	.28	.50	.52	.52	.52	.52	.53	.53	.59	.70	.79	.80	.81	.81
Devils Lake, N. Dak.:																				
June 24	4:30 p.m.	6:40 p.m.	.78	4:56 p.m.	5:18 p.m.	.01	.14	.28	.37	.55	.63	.66	.67	.68	.70	.71	.73	.75	.77	.77
July 4	9:55 a.m.	12:40 p.m.	.48	9:59 a.m.	10:20 a.m.	.01	.11	.12	.28	.40	.44	.46	.46	.47	.47	.47	.47	.47	.47	.47
July 5	N.a.	6:40 a.m.	.77	5:20 a.m.	5:44 a.m.	.05	.09	.32	.50	.57	.68	.69	.69	.69	.69	.70	.71	.72	.72	.72
July 8	12:10 a.m.	7:00 a.m.	1.75	3:16 a.m.	3:45 a.m.	.26	.28	.55	.64	.70	.78	.82	.86	.89	.96	.99	1.00	1.00	1.06	1.07
Aug. 1	7:23 p.m.	[1] N.a.	.59	11:44 p.m.	11:53 p.m.	.25	.22	.32	.32	.32	.33	.33	.33	.33	.33	.33	.33	.34	.34	.34
Aug. 7	9:25 p.m.	10:45 p.m.	.65	9:30 p.m.	9:54 p.m.	.01	.11	.22	.33	.46	.57	.60	.62	.63	.63	.64	.64	.64	.64	.64
Aug. 9	[2] 11:15 p.m.	N.a.	.77	12:16 a.m.	12:30 a.m.	.04	.21	.54	.73	.73	.73	.73	.73	.73	.73	.73	.73	.73	.73	.73
Williston, N.Dak.:																				
July 1	4:15 p.m.	6:15 p.m.	1.16	5:07 p.m.	6:08 p.m.	.06	.07	.14	.25	.46	.63	.63	.64	.64	.65	.70	1.09	1.10	1.10	1.10
July 7	11:43 p.m.	[1] 12:30 a.m.	.47	11:46 p.m.	12 mdt.	.01	.16	.35	.45	.46	.46	.46	.46	.46	.46	.46	.46	.46	.46	.46
July 10	8:55 p.m.	N.p.	.67	9:01 p.m.	9:15 p.m.	.01	.25	.44	.52	.54	.56	.57	.59	.60	.61	.63	.66	.66	.66	.68
July 22	5:00 p.m.	5:40 p.m.	.40	5:11 p.m.	5:21 p.m.	.02	.26	.36	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38
Aug. 23	5:02 p.m.	6:30 p.m.	.41	5:42 p.m.	5:49 p.m.	.03	.30	.36	.36	.36	.36	.37	.38	.38	.38	.38	.38	.38	.38	.33

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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																				
Minneapolis, Minn.:			*In.*			*In.*														
June 16	9:16 a.m.	10:30 a.m.	1.01	9:49 a.m.	10:18 a.m.	0.02	0.20	0.46	0.73	0.87	0.92	0.98	0.99	0.99	0.99	0.99	0.99	0.99	1.01	1.06
	11:15 a.m.	6:00 p.m.	.87																	
July 5	N.a.	N.a.	.74	2:27 a.m.	2:51 a.m.	.02	.17	.24	.44	.55	.61	.64	.67	.68	.70	.71	.72	.72	.72	.72
July 10	4:20 p.m.	6:45 p.m.	.78	4:42 p.m.	5:01 p.m.	.01	.15	.33	.43	.48	.51	.54	.56	.57	.60	.61	.76	.77	.78	.78
July 24	3:15 p.m.	4:00 p.m.	.56	3:16 p.m.	3:59 p.m.	.03	.27	.47	.53	.53	.53	.53	.53	.53	.53	.53	.53	.53	.53	.53
Aug. 5	4:24 p.m.	6:20 p.m.	1.07	5:24 p.m.	5:55 p.m.	.03	.07	.41	.73	.85	.88	.96	.98	.98	.98	.98	.98	.98	.98	.98
Aug. 20	12:30 a.m.	N.a.	1.01	1:46 a.m.	2:05 a.m.	.32	.09	.33	.56	.61	.65	.66	.67	.68	.69	.69	.69	.69	.69	.69
Sept. 18	N.a.	N.a.	.77	1:30 a.m.	1:50 a.m.	.04	.30	.53	.65	.71	.72	.72	.72	.72	.73	.73	.73	.73	.73	.73
Oct. 16	5:58 a.m.	10:10 a.m.	.43	9:39 a.m.	9:49 a.m.	.08	.16	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.34
	11:26 a.m.	11:35 a.m.	.04																	
Do	3:58 p.m.	7:15 p.m.	.60	4:31 p.m.	4:43 p.m.	.07	.19	.33	.38	.41	.45	.46	.47	.50	.50	.51	.51	.52	.53	.53
La Crosse, Wis.:																				
May 26	7:47 p.m.	9:20 p.m.	.88	7:56 p.m.	8:26 p.m.	.01	.28	.42	.49	.58	.63	.68	.71	.74	.75	.77	.84	.88	.88	.88
June 25	12:30 a.m.	5:00 a.m.	.80	1:26 a.m.	1:35 a.m.	.06	.21	.31	.33	.40	.42	.43	.45	.46	.50	.52	.54	.59	.61	.63
July 5	5:35 a.m.	7:42 a.m.	1.92	5:46 a.m.	6:29 a.m.	.02	.15	.47	.73	.92	1.05	1.18	1.39	1.55	1.59	1.61	1.65	1.69	1.83	1.90
Aug. 2	[3] 11:15 p.m.	6:25 a.m.	2.61	1:27 a.m.	1:56 a.m.	.37	.10	.20	.26	.55	.85	.91	.93	.93	.94	.96	1.03	1.13	1.16	1.24
Do	[3] 11:15 p.m.	6:25 a.m.	2.61	3:42 a.m.	4:19 a.m.	1.66	.05	.18	.28	.42	.51	.57	.66	.68	.71	.75	.78	.81	.86	.92
Aug. 2-3	11:50 p.m.	12:45 a.m.	1.16	11:52 p.m.	12:20 a.m.	.01	.23	.53	.67	.90	1.07	1.14	1.14	1.14	1.14	1.15	1.15	1.15	1.15	1.15
Aug. 5	9:00 p.m.	[1] 1:25 a.m.	2.28	9:57 p.m.	10:31 p.m.	.08	.20	.52	.91	1.14	1.25	1.45	1.66	1.67	1.69	1.69	1.76	2.11	2.17	2.18
Sept. 20	12:02 a.m.	1:15 a.m.	.95	12:10 a.m.	12:52 a.m.	.03	.15	.28	.39	.44	.56	.64	.72	.84	.91	.92	.92	.92	.92	.92
Madison, Wis.:																				
May 8	6:14 p.m.	12:30 a.m.	.88	7:41 p.m.	8:03 p.m.	.10	.12	.20	.31	.48	.53	.57	.61	.64	.66	.67	.67	.71	.71	.71
July 5	8:44 a.m.	10:41 a.m.	.68	9:13 a.m.	9:38 a.m.	.12	.12	.14	.21	.36	.43	.50	.50	.51	.51	.52	.52	.52	.52	.52
July 11	7:50 p.m.	9:02 p.m.	.84	7:59 p.m.	8:24 p.m.	.02	.11	.42	.54	.71	.78	.80	.81	.81	.81	.82	.82	.82	.82	.82
Aug. 6	12:25 a.m.	5:00 a.m.	3.18	12:48 a.m.	1:37 a.m.	.14	.09	.19	.35	.45	.52	.60	.76	.97	1.06	1.12	1.16	1.41	1.53	1.66
Do	12:25 a.m.	5:00 a.m.	3.18	3:44 a.m.	4:22 a.m.	2.27	.19	.32	.36	.41	.43	.60	.81	.90	.90	.91	.91	.91	.91	.91
Charles City, Iowa:																				
June 1	10:30 a.m.	5:30 p.m.	1.62	3:14 p.m.	3:51 p.m.	.27	.10	.31	.44	.62	.87	.99	1.07	1.13	1.16	1.21	1.26	1.29	1.34	1.35
Aug. 3	1:30 a.m.	3:45 a.m.	1.35	2:14 a.m.	2:31 a.m.	.05	.26	.52	.94	.97	.98	.98	.98	.98	.98	.98	.98	1.05	1.28	1.28
Aug. 20	[2] 10:45 p.m.	3:45 a.m.	1.61	12:06 a.m.	12:51 a.m.	.04	.07	.17	.18	.20	.29	.31	.48	.77	.89	.90	.93	1.03	1.13	1.57
Oct. 16	5:35 p.m.	[1] 5:00 a.m.	1.58	6:02 p.m.	6:26 p.m.	.02	.15	.21	.36	.41	.48	.51	.54	.56	.59	.60	.63	.66	.70	.71
Davenport, Iowa:																				
Mar. 20	8:05 a.m.	10:45 a.m.	1.02	9:38 a.m.	9:57 a.m.	.32	.08	.25	.42	.47	.50	.51	.56	.59	.63	.66	.70	.70	.70	.70
July 2	5:35 p.m.	[1] 2:10 a.m.	.59	5:43 p.m.	6:00 p.m.	.01	.25	.39	.45	.48	.49	.50	.51	.51	.51	.52	.52	.52	.52	.52
July 21	7:40 p.m.	10:45 p.m.	.80	7:52 p.m.	8:14 p.m.	.08	.17	.33	.47	.57	.59	.60	.60	.61	.61	.61	.63	.66	.68	.70
Oct. 31	1:33 p.m.	4:45 p.m.	1.21	1:45 p.m.	2:20 p.m.	.04	.11	.15	.19	.33	.65	.82	.95	.96	.97	.97	.98	1.05	1.14	1.14
Des Moines, Iowa:																				
May 12	10:35 p.m.	[1] 4:00 a.m.	.96	11:13 p.m.	11:26 p.m.	.02	.21	.67	.75	.77	.77	.82	.83	.83	.83	.83	.83	.83	.83	.83
May 27	12:15 a.m.	5:50 a.m.	.47	12:18 a.m.	12:28 a.m.	.01	.18	.41	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42
May 28	12:05 a.m.	9:15 a.m.	1.47	3:20 a.m.	4:12 a.m.	.15	.05	.15	.22	.29	.39	.49	.65	.71	.82	.90	.98	1.10	1.12	1.14
June 1	2:10 p.m.	4:18 p.m.	.62	2:14 p.m.	2:31 p.m.	.01	.06	.17	.32	.47	.47	.48	.49	.50	.51	.51	.53	.56	.59	.60
June 25	1:02 a.m.	8:02 a.m.	2.06	1:42 a.m.	2:18 a.m.	.03	.11	.18	.24	.36	.50	.66	.78	.82	.86	.91	.99	1.10	1.15	1.18
June 26 [3]	6:20 a.m.	10:25 a.m.	1.43	6:52 a.m.	8:06 a.m.	.02	.11	.24	.37	.47	.58	.70	.78	.89	.95	1.01	1.11	1.26	1.37	1.40
July 21	5:45 p.m.	6:38 p.m.	.94	5:45 p.m.	6:10 p.m.	.00	.41	.56	.71	.83	.90	.93	.94	.94	.94	.94	.94	.94	.94	.94
Sept. 23	7:03 a.m.	8:55 a.m.	1.42	7:27 a.m.	7:57 a.m.	.20	.06	.25	.45	.68	.88	.93	.95	.96	.99	1.02	1.13	1.21	1.22	1.22
Dubuque, Iowa:																				
June 2	9:48 p.m.	10:38 p.m.	.35	10:04 p.m.	10:15 p.m.	.01	.22	.31	.33	.34	.34	.34	.34	.34	.34	.34	.34	.34	.34	.34
July 21	3:54 p.m.	7:55 p.m.	2.08	4:21 p.m.	4:51 p.m.	.05	.08	.26	.68	1.36	1.66	1.75	1.78	1.80	1.80	1.80	1.82	1.88	1.89	1.94
Aug. 19	2:12 a.m.	5:46 a.m.	2.56	2:29 a.m.	4:03 a.m.	.02	.15	.19	.21	.27	.41	.48	.56	.76	1.05	1.25	1.57	2.07	2.47	2.50
Keokuk, Iowa:																				
June 1	7:40 p.m.	[1] 5:00 a.m.	2.19	8:16 p.m.	8:56 p.m.	.07	.13	.35	.43	.60	.64	.65	.67	.80	.83	.83	.86	.87	.87	.87
Do	7:40 p.m.	[1] 5:00 a.m.	2.19	11:13 p.m.	11:24 p.m.	.99	.37	.56	.59	.59	.59	.59	.59	.60	.63	.78	.87	.95	1.00	1.05
June 16	4:37 p.m.	5:25 p.m.	.37	5:04 p.m.	5:13 p.m.	.01	.20	.34	.35	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36
June 17	11:58 a.m.	3:00 p.m.	.52	12:22 p.m.	12:34 p.m.	.01	.23	.34	.41	.42	.44	.45	.45	.46	.47	.48	.48	.49	.51	.51
June 25	6:18 p.m.	7:40 p.m.	.55	6:36 p.m.	6:51 p.m.	.01	.24	.38	.52	.53	.53	.53	.53	.53	.53	.54	.54	.54	.54	.54
July 2	4:17 p.m.	5:40 p.m.	.86	4:20 p.m.	4:37 p.m.	.01	.14	.47	.76	.82	.83	.84	.85	.85	.85	.85	.85	.85	.85	.85
July 23	7:15 p.m.	[1] 2:00 a.m.	2.40	9:34 p.m.	10:19 p.m.	.06	.34	.62	.98	1.28	1.59	1.84	1.96	2.04	2.10	2.14	2.17	2.22	2.24	2.24
Cairo, Ill.:																				
Mar. 25	2:59 p.m.	3:33 p.m.	.58	3:11 p.m.	3:21 p.m.	.02	.20	.55	.55	.55	.56	.56	.56	.56	.56	.56	.56	.56	.56	.56
Mar. 30	3:50 p.m.	[1] 4:00 a.m.	2.53	9:46 p.m.	10:43 p.m.	.55	.08	.15	.18	.29	.40	.44	.47	.61	.71	.74	.82	.90	1.05	(2)
Apr. 5	3:18 a.m.	8:27 a.m.	1.99	6:07 a.m.	6:29 a.m.	1.10	.14	.24	.31	.51	.58	.60	.64	.67	.69	.73	.81	.85	.89	.89
May 2	7:37 p.m.	[1] 1:30 a.m.	.85	8:05 p.m.	8:26 p.m.	.07	.18	.38	.47	.53	.54	.56	.57	.58	.60	.62	.66	.72	.75	.76
May 5	[2] 10:35 p.m.	N. a.	.93	1:10 a.m.	1:51 a.m.	.12	.10	.18	.21	.25	.32	.50	.54	.60	.63	.67	.78	.81	.81	.81
June 2	10:52 a.m.	11:29 a.m.	.45	10:54 a.m.	11:08 a.m.	.01	.10	.27	.43	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44
June 20	12:08 p.m.	8:15 p.m.	1.13	5:54 p.m.	6:18 p.m.	.34	.05	.22	.51	.63	.69	.69	.69	.69	.69	.69	.69	.70	.70	.71
July 20	4:58 p.m.	6:50 p.m.	.87	5:02 p.m.	5:15 p.m.	.01	.25	.44	.48	.51	.56	.60	.61	.63	.65	.74	.85	.86	.86	.86
July 22	11:44 a.m.	12:55 p.m.	.49	11:53 a.m.	12:04 p.m.	.01	.20	.34	.37	.39	.41	.43	.46	.47	.48	.48	.48	.48	.48	.48
Aug. 12	8:53 p.m.	[1] 2:00 a.m.	3.77	9:07 p.m.	10:44 p.m.	.01	.17	.39	.68	1.11	1.45	1.70	2.04	2.28	2.41	2.54	2.75	3.13	3.61	3.64
Aug. 26	5:39 p.m.	[1] N. a.	1.51	6:13 p.m.	6:46 p.m.	.02	.18	.53	.70	.76	.81	.94	1.01	1.05	1.07	1.07	1.09	1.13	1.14	1.14
Oct. 14	5:09 p.m.	7:50 p.m.	.84	5:53 p.m.	6:17 p.m.	.05	.18	.44	.56	.65	.71	.73	.75	.75	.75	.75	.75	.78	.79	.79
Oct. 21	9:30 p.m.	[1] N. a.	.45	11:00 p.m.	11:16 p.m.	.01	.10	.25	.41	.43	.43	.43	.43	.43	.43	.43	.43	.43	.44	.44
Oct. 22	7:33 a.m.	8:52 a.m.	.67	[3] 8:08 a.m.	[3] 8:38 a.m.	.01	.09	.41	.49	.53	.58	.65	.66	.66	.66	.66	.66	.66	.66	.66
Dec. 8	[2] 3:03 p.m.	1:13 p.m.	.80	2:47 a.m.	3:01 a.m.	.02	.14	.28	.37	.40	.40	.40	.40	.40	.40	.40	.40	.40	.40	.40
Peoria, Ill.:																				
Mar. 20	10:40 a.m.	11:48 a.m.	.66	11:26 a.m.	11:39 a.m.	.11	.11	.41	.54	.54	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55
May 8	8:14 p.m.	[1] 3:45 a.m.	1.95	8:46 p.m.	8:56 p.m.	.02	.15	.35	.36	.39	.39	.40	.40	.40	.40	.40	.40	.42	.73	1.17
Do	8:14 p.m.	[1] 3:45 a.m.	1.95	10:19 p.m.	10:45 p.m.	.48	.19	.40	.58	.63	.69	.73	.75	.77	.80	.81	.85	.91	.98	1.02
June 16	10:00 p.m.	10:25 p.m.	.35	10:05 p.m.	10:17 p.m.	.01	.18	.30	.34	.34	.34	.34	.34	.34	.34	.34	.34	.34	.34	.34
June 17	1:35 p.m.	7:07 p.m.	1.34	3:22 p.m.	4:18 p.m.	.15	.18	.24	.31	.38	.41	.45	.54	.63	.68	.78	.92	1.04	1.10	1.12
June 25	9:51 a.m.	10:28 a.m.	.34	9:53 a.m.	9:58 a.m.	.01	.25	.26	.26	.27	.30	.33	.33	.33	.33	.33	.33	.33	.33	.33
Do	1:36 p.m.	2:58 p.m.	.58	2:18 p.m.	2:32 p.m.	.04	.33	.46	.52	.53	.53	.53	.54	.54	.54	.54	.54	.54	.54	.54
June 28	4:43 p.m.	6:27 p.m.	1.50	5:20 p.m.	5:36 p.m.	.02	.11	.30	.47	.57	.96	1.30	1.43	1.47	1.47	1.47	1.48	1.48	1.48	1.48
July 19	5:02 p.m.	6:07 p.m.	.37	5:19 p.m.	5:28 p.m.	.01	.22	.33	.35	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36
July 23	5:37 p.m.	[1] 4:05 a.m.	1.30	6:06 p.m.	6:35 p.m.	.07	.16	.30	.40	.51	.65	.74	.77	.78	.79	.81	.82	.84	.84	.85

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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—contd.																				
Springfield, Ill.:			*In*			*In.*														
May 2	12:25 p.m.	19:00 a.m.	1.18	3:26 p.m.	3:37 p.m.	0.31	0.16	0.31	0.33	0.36	0.38	0.39	0.40	0.40	0.40	0.42	0.43	0.47	0.52	0.55
May 8	10:00 p.m.	12:15 a.m.	.51	10:38 p.m.	10:51 p.m.	.01	.21	.36	.41	.42	.43	.43	.44	.44	.45	.46	.48	.50	.50	.50
June 18	5:15 a.m.	6:45 a.m.	.57	5:59 a.m.	6:17 a.m.	.02	.07	.19	.48	.53	.54	.54	.54	.54	.55	.55	.55	.55	.55	.55
June 25	3:35 p.m.	7:40 p.m.	1.18	3:42 p.m.	3:57 p.m.	.01	.20	.41	.51	.53	.54	.54	.54	.55	.55	.55	.55	.56	.69	1.13
Do	3:35 p.m.	7:40 p.m.	1.18	5:16 p.m.	5:40 p.m.	.58	.09	.17	.29	.49	.56	.57	.57	.57	.57	.57	.57	.57	.58	.59
July 3	4:39 p.m.	7:20 p.m.	1.55	4:44 p.m.	5:09 p.m.	.01	.34	.61	1.03	1.34	1.49	1.51	1.52	1.52	1.53	1.53	1.53	1.53	1.53	1.54
July 20 [3]	5:58 a.m.	12:05 p.m.	1.92	9:14 a.m.	9:38 a.m.	.09	.09	.20	.38	.69	.98	.99	1.09	1.01	1.01	1.01	1.06	1.09	1.51	1.75
Do [3]	5:58 a.m.	12:05 p.m.	1.92	10:34 a.m.	11:11 a.m.	1.19	.14	.26	.39	.41	.43	.47	.61	.65	.65	.68	.71	.73	.73	.73
July 23	11:58 a.m.	1:00 p.m.	.63	12:32 p.m.	12:46 p.m.	.20	.17	.32	.42	.43	.43	.43	.43	.43	.53	.43	.43	.43	.43	.43
Do	9:35 p.m.	[1] N. a.	.69	10:29 p.m.	11:07 p.m.	.04	.23	.32	.34	.43	.48	.51	.58	.64	.64	.64	.65	.65	.65	.65
Aug. 17	11:23 a.m.	1:00 p.m.	1.17	11:26 a.m.	11:49 a.m.	.01	.10	.51	.78	1.10	1.15	1.16	1.16	1.16	1.16	1.16	116	1.16	1.16	1.16
St. Louis, Mo.:																				
Mar. 25	6:08 a.m.	9:05 a.m.	.86	8:17 a.m.	8:52 a.m.	.08	.19	.39	.51	.57	.64	.71	.76	.78	.78	.78	.78	.78	.78	.78
Do	10:30 a.m. 11:34 a.m.	11:05 a.m. 1:58 p.m.	.46 .75	10:31a.m.	10:43 a.m.	.01	.23	.40	.43	.44	.44	.45	.45	.45	.45	.45	.45	.49	.64	.80
May 2	1:00 a.m.	7:25 a.m.	1.80	1:16 a.m.	1:27 a.m.	.07	.28	.69	.75	.76	.76	.77	.77	.78	.78	.78	.78	.78	.79	.04
June 21	2:30 p.m. 3:17 p.m.	2:46 p.m. 3:23 p.m.	.47 .01	2:36 p.m.	2:43 p.m.	.01	.30	.46	.46	.46	.46	.46	.46	.46	.46	.47	.47	.47	.47	.47
June 28	7:56 p.m. 8:28 p.m.	8:10 p.m. 9:15 p.m.	.50 .14	7:56 p.m.	8:05 p.m.	.00	.25	.50	.50	.50	.50	.50	.50	.57	.61	.61	.62	.64	.64	.64
July 12	6:28 a.m.	1:15 p.m.	1.68	7:28 a.m.	8:01 a.m.	.11	.06	.16	.32	.44	.60	.66	.69	.74	.78	.82	.85	.85	.85	.85
July 20	3:00 p.m.	7:30 p.m.	.84	3:35 p.m.	4:02 p.m.	.04	.09	.22	.43	.61	.69	.73	.74	.74	.75	.75	.75	.76	.76	.76
MISSOURI VALLEY																				
Columbia, Mo.:																				
May 2	8:05 p.m.	[1] 4:00 a.m.	1.29	8:38 p.m.	9:18 p.m.	.15	.14	.28	.38	.48	.64	.68	.75	.94	.95	.97	.98	1.04	1.10	1.13
June 28	3:26 p.m.	4:52 p.m.	.63	3:28 p.m.	3:42 p.m.	.01	.19	.46	.59	.60	.60	.60	.60	.60	.61	.61	.62	.62	.62	.62
July 12	8:54 a.m.	10:02 a.m.	1.17	8:59 a.m.	9:35 a.m.	.01	.27	.52	.63	.66	.84	1.01	1.10	1.14	1.15	1.16	1.16	1.16	1.16	1.16
July 24	1:37 p.m. 3:23 p.m.	2:31 p.m. 5:10 p.m.	1.72 .19	1:39 p.m.	2:22 p.m.	.01	.17	.41	.78	1.11	1.19	1.31	1.44	1.62	1.70	1.71	1.71	1.71	1.71	1.72
Oct. 8	5:35 p.m.	8:03 p.m.	.66	6:50 p.m.	7:07 p.m.	.02	.17	.33	.42	.47	.50	.56	.58	.59	.60	.62	.63	.64	.64	.64
Nov. 10	9:29 p.m.	12:20 a.m.	.73	9:48 p.m.	10:23 p.m.	.01	.15	.27	.35	.43	.54	.59	.68	.69	.69	.71	.71	.71	.72	.72
Kansas City, Mo.:																				
May 31	2:45 p.m.	7:10 p.m.	1.16	4:47 p.m.	5:05 p.m.	.32	.12	.32	.52	.58	.60	.61	.62	.62	.63	.63	.65	.74	.78	.80
Sept. 16	7:10 a.m.	3:20 p.m.	1.74	9:25 a.m.	9:50 a.m.	.61	.20	.54	.59	.63	.67	.75	.80	.83	.85	.89	.91	.93	.94	.96
St. Joseph, Mo.:																				
Mar. 25	9:54 a.m.	11:13 a.m.	.80	9:59 a.m.	10:20 a.m.	.03	.12	.32	.45	.58	.62	.65	.67	.68	.69	.70	.74	.77	.77	.77
June 1	2:26 p.m.	3:25 p.m.	.81	2:27 p.m.	2:49 p.m.	T	.15	.28	.44	.75	.79	.79	.81	.81	.81	.81	.81	.81	.81	.81
Do	6:55 p.m.	[1] N. a.	1.60	8:16 p.m.	8:58 p.m.	.56	.14	.21	.29	.47	.52	.54	.59	.62	.62	.62	.63	.74	.82	.83
June 17	3:46 p.m.	4:46 p.m.	.68	4:06 p.m.	4:32 p.m.	.06	.05	.19	.33	.49	.58	.61	.62	.62	.62	.62	.62	.62	.62	.62
June 20	6:31 a.m.	2:28 p.m.	1.31	7:18 a.m.	7:58 a.m.	.03	.24	.31	.36	.36	.37	.56	.95	1.23	1.23	1.23	1.23	1.23	1.23	1.23
June 30	10:35 a.m.	11:34 a.m.	.90	10:39 a.m.	10:52 a.m.	.01	.11	.60	.77	.78	.81	.84	.87	.88	.88	.88	.89	.89	.89	.89
Springfield, Mo.:																				
Mar. 24	[2] 8:42 p.m.	9:50 a.m.	1.40	8:35 a.m.	9:26 a.m.	.40	.10	.15	.23	.43	.55	.64	.70	.76	.83	.88	.96	1.00	1.00	1.00
May 28	5:52 p.m.	[1] 1:40 a.m.	1.59	6:01 p.m.	6:35 p.m.	.03	.08	.32	.43	.59	.68	.72	.78	.79	.82	.84	.87	.88	.91	.95
June 2	3:08 a.m.	11:20 a.m.	1.60	3:13 a.m.	3:35 a.m.	.01	.19	.33	.42	.49	.53	.54	.58	.63	.64	.64	.64	.67	.69	.73
June 20	6:52 a.m.	8:00 a.m.	.80	7:26 a.m.	7:47 a.m.	.11	.05	.17	.34	.60	.69	.69	.69	.69	.69	.69	.69	.69	.69	.69
July 2 [3]	4:10 p.m.	5:40 p.m.	1.32	4:12 p.m.	5:00 p.m.	.01	.12	.27	.37	.47	.61	.76	.91	1.00	1.07	1.13	1.20	1.31	1.31	1.31
Aug. 12	2:02 p.m.	10:10 p.m.	1.82	2:37 p.m.	3:47 p.m.	.11	.11	.16	.24	.28	.28	.30	.46	.55	.65	.78	.91	1.07	1.09	1.09
Aug. 26	7:45 p.m.	[1] 1:10 a.m.	1.24	9:48 p.m.	10:58 p.m.	.18	.13	.21	.23	.24	.29	.32	.36	.45	.58	.62	.82	.98	1.04	1.06
Topeka, Kans.:																				
May 27	4:45 p.m.	[1] 4:55 a.m.	3.30	7:43 p.m.	8:04 p.m.	.24	.59	1.02	1.17	1.22	1.26	1.31	1.33	1.35	1.36	1.38	1.39	1.63	1.75	1.86
Do	4:45 p.m.	[1] 4:55 a.m.	3.30	10:47 p.m.	10:57 p.m.	2.48	.22	.39	.41	.44	.47	.51	.54	.56	.58	.60	.61	.64	.68	.69
May 31	11:43 a.m.	8:15 p.m.	2.11	12:51 p.m.	1:36 p.m.	.01	.07	.18	.33	.44	.61	.85	1.30	1.62	1.70	1.73	1.80	1.83	1.84	1.84
June 11	[2] 11:00 p.m.	9:45 a.m.	1.20	5:42 a.m.	6:15 a.m.	.34	.06	.25	.38	.39	.47	.58	.61	.63	.68	.70	.71	.73	.75	.77
June 26	N. a.	6:25 a.m.	1.21	2:15 a.m.	2:23 a.m.	.01	.22	.33	.35	.36	.36	.36	.36	.36	.36	.36	.36	.36	.49	.86
June 27	11:38 p.m.	[1] N. a.	.71	11:44 p.m.	11:58 p.m.	.01	.16	.30	.37	.39	.42	.44	.47	.48	.49	.49	.52	.57	.66	.67
Aug. 21	4:40 a.m.	9:40 a.m.	1.27	5:05 a.m.	5:24 a.m.	.04	.10	.33	.52	.62	.65	.69	.70	.72	.75	.77	.79	.83	.88	.91
Sept. 1	[2] 10:56 p.m.	2:40 p.m.	3.94	10:52 a.m.	12:38 p.m.	.84	.10	.20	.30	.43	.47	.60	.74	.83	.96	1.05	1.25	1.89	2.42	2.67
Oct. 17	7:53 a.m.	2:40 p.m.	.70	10:44 a.m.	10:59 a.m.	.19	.12	.25	.36	.40	.41	.42	.42	.45	.46	.47	.47	.49	.50	.50
Oct. 31	[2] 7:15 p.m.	10:26 a.m.	.83	8:49 a.m.	9:18 a.m.	.28	.16	.25	.28	.30	.39	.52	.53	.54	.54	.55	.55	.55	.55	.55
Lincoln, Nebr.:																				
June 2	3:35 p.m.	4:57 p.m.	.69	3:40 p.m.	4:15 p.m.	.01	.19	.23	.35	.44	.47	.58	.64	.64	.57	.68	.68	.68	.68	.68
June 20	4:40 a.m.	6:32 a.m.	.91	5:56 a.m.	6:13 a.m.	.06	.12	.44	.72	.80	.84	.85	.85	.85	.85	.85	.85	.85	.85	.85
June 26	1:13 a.m.	2:18 a.m.	.75	1:19 a.m.	1:59 a.m.	.01	.06	.12	.19	.28	.43	.53	.62	.70	.73	.73	.74	.74	.74	.74
July 3	9:40 p.m.	11:25 p.m.	1.20	10:35 p.m.	11:04 p.m.	.46	.15	.30	.42	.53	.62	.67	.72	.74	.74	.74	.74	.74	.74	.74
July 23	3:55 p.m.	7:21 p.m.	2.14	4:03 p.m.	5:02 p.m.	.02	.12	.14	.35	.44	.58	.84	1.11	1.35	1.62	1.72	1.95	2.00	2.02	2.04
Omaha, Nebr.:																				
June 2	3:55 p.m.	6:03 p.m.	.44	4:03 p.m.	4:20 p.m.	.02	.07	.20	.35	.38	.38	.38	.38	.38	.38	.39	.41	.41	.42	.42
June 24	4:12 a.m.	6:29 a.m.	.72	4:20 a.m.	4:43 a.m.	.02	.10	.20	.32	.48	.61	.62	.63	.64	.65	.65	.66	.70	.70	.70
June 26	1:33 a.m.	4:22 a.m.	2.90	1:45 a.m.	2:51 a.m.	.11	.13	.28	.49	.64	.91	1.18	1.33	1.52	1.75	1.98	2.33	2.56	2.70	2.76
Oct. 16	1:52 p.m.	5:29 p.m.	.71	3:35 p.m.	3:47 p.m.	.02	.25	.54	.65	.65	.65	.65	.65	.65	.65	.65	.65	.68	.69	.69
Valentine, Nebr.:																				
May 31	9:02 p.m.	12 md.	.78	10:02 p.m.	10:28 p.m.	.04	.09	.19	.35	.43	.53	.57	.60	.62	.64	.65	.67	.70	.73	.74
June 27	4:30 a.m.	7:53 a.m.	1.18	5:42 a.m.	6:13 a.m.	.09	.08	.27	.37	.43	.49	.62	.64	.65	.65	.65	.69	.89	.97	1.03
Sioux City, Iowa:																				
June 24	10:05 p.m.	11:35 p.m.	.62	10:33 p.m.	10:55 p.m.	.01	.11	.38	.50	.55	.58	.58	.59	.59	.59	.60	.60	.61	.61	.61
Huron, S. Dak.:																				
June 17	4:54 p.m.	6:00 p.m.	.45	5:00 p.m.	5:10 p.m.	.03	.11	.31	.33	.39	.41	.41	.41	.41	.41	.41	.42	.42	.42	.42
June 24	6:02 p.m.	8:00 p.m.	.53	6:17 p.m.	6:37 p.m.	.02	.10	.24	.35	.43	.46	.47	.47	.47	.48	.48	.49	.50	.51	.51
Aug. 1	8:28 p.m.	9:58 p.m.	.67	9:05 p.m.	9:29 p.m.	.18	.11	.25	.29	.36	.47	.48	.48	.48	.48	.48	.49	.49	.49	.49
Aug. 16	5:03 p.m.	11:45 p.m.	1.39	5:41 p.m.	7:01 p.m.	.08	.07	.13	.33	.50	.57	.59	.64	.68	.72	.78	.88	1.14	1.27	1.28
Aug. 24	2:04 p.m.	6:37 p.m.	.93	3:01 p.m.	3:08 p.m.	.20	.28	.36	.40	.42	.43	.43	.44	.44	.44	.45	.46	.69	.69	.70
Aug. 29	5:35 a.m.	7:25 a.m.	.82	6:05 a.m.	6:32 a.m.	.10	.07	.21	.34	.44	.49	.54	.57	.60	.64	.68	.70	.72	.72	.72

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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																				
Miles City, Mont.:			*In.*			*In.*														
July 10	5:22 p.m.	6:26 p.m.	0.96	5:34 p.m.	5:56 p.m.	0.02	0.12	0.29	0.62	0.90	0.92	0.92	0.93	0.39	0.94	0.94	0.94	0.94	0.94	0.94
Rapid City, S. Dak.:																				
July 21	3:16 p.m.	5:34 p.m.	.45	4:11 p.m.	4:23 p.m.	.02	.23	.31	.35	.37	.39	.40	.41	.41	.42	.42	.42	.43	.43	.43
Cheyenne, Wyo.:																				
May 24	1:36 p.m.	2:38 p.m.	.48	2:07 p.m.	2:20 p.m.	.05	.27	.33	.38	.42	.42	.43	.43	.43	.43	.43	.43	.43	.43	.43
June 10-11	11:49 p.m.	12:26 a.m.	1.30	11:47 p.m.	12:05 a.m.	.01	.59	.93	1.22	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
July 23	2:40 p.m.	4:20 p.m.	.86	3:18 p.m.	3:39 p.m.	.05	.11	.30	.48	.69	.75	.73	.74	.74	.75	.76	.77	.77	.77	.77
Aug. 16	2:48 p.m.	3:51 p.m.	.48	3:18 p.m.	3:35 p.m.	.05	.12	.24	.34	.42	.42	.43	.43	.43	.43	.43	.43	.43	.43	.43
Sheridan, Wyo.:																				
June 16	3:45 p.m.	6:20 p.m.	1.04	3:49 p.m.	4:31 p.m.	.01	.10	.33	.51	.60	.68	.75	.83	.93	.96	.98	1.00	1.00	1.01	1.02
Aug. 16	7:15 p.m.	7:45 p.m.	.58	7:21 p.m.	7:31 p.m.	.01	.45	.56	.57	.57	.57	.57	.57	.57	.57	.57	.57	.57	.57	.57
Aug. 31	7:35 p.m.	9:45 p.m.	.69	7:39 p.m.	7:50 p.m.	.01	.22	.41	.44	.47	.50	.52	.53	.55	.57	.58	.61	.64	.67	.68
Yellowstone Park, Wyo.:																				
July 16	12:15 p.m.	1:15 p.m.	.41	12:25 p.m.	12:34 p.m.	.01	.24	.36	.39	.39	.39	.39	.39	.39	.40	.40	.40	.40	.40	.40
North Platte, Nebr.:																				
May 31	11:45 a.m.	6:53 p.m.	.70	5:47 p.m.	6:15 p.m.	.12	.12	.26	.33	.45	.52	.57	.58	.58	.58	.58	.58	.58	.58	.58
MIDDLE SLOPE																				
Denver, Colo.:																				
June 11	7:44 p.m.	8:45 p.m.	.51	7:47 p.m.	7:58 p.m.	.02	.30	.38	.42	.44	.47	.48	.49	.49	.49	.49	.49	.49	.49	.49
July 12	6:40 p.m.	8:05 p.m.	.63	6:47 p.m.	7:07 p.m.	.01	.11	.24	.41	.46	.50	.52	.53	.56	.59	.61	.62	.62	.62	.62
Concordia, Kans.:																				
June 17	12:43 a.m.	3:00 a.m.	1.72	12:56 a.m.	1:30 a.m.	.03	.20	.55	.91	1.17	1.34	1.41	1.51	1.55	1.58	1.59	1.61	1.64	1.68	1.69
June 27	8:08 p.m.	[1] 5:15 a.m.	2.34	8:08 p.m.	8:54 p.m.	.00	.09	.40	.74	1.04	1.21	1.43	1.70	1.77	1.92	1.95	1.99	1.99	2.00	2.00
Aug. 25	2:01 a.m.	5:09 p.m.	2.25	10:13 a.m.	10:40 a.m.	.59	.15	.27	.41	.47	.56	.60	.62	.64	.66	.67	.67	.68	.70	.74
Sept. 1	[2] 7:45 p.m.	3:05 a.m.	4.52	1:17 a.m.	3:00 a.m.	1.30	.13	.35	.61	.80	.89	1.14	1.37	1.54	1.67	1.78	2.02	2.72	3.10	3.23
Sept. 25	2:31 p.m.	5:31 p.m.	1.31	3:00 p.m.	3:55 p.m.	.17	.06	.16	.24	.35	.51	.59	.66	.75	.91	1.03	1.12	1.14	1.15	1.16
Dodge City, Kans.:																				
May 18	6:38 p.m.	8:40 p.m.	.81	6:56 p.m.	7:20 p.m.	.06	(3)	(3)	(3)	(3)	.66	.68	.70	.71	.73	.73	.74	.74	.75	.75
May 27	2:55 p.m.	6:45 p.m.	.54	6:09 p.m.	6:23 p.m.	.12	.10	.28	.41	.41	.41	.41	.41	.42	.42	.42	.42	.42	.42	.42
June 29	3:55 a.m.	5:45 a.m.	.70	3:59 a.m.	4:37 a.m.	.01	.11	.17	.21	.28	.38	.56	.61	.65	.65	.66	.66	.67	.68	.69
July 8	4:20 p.m.	5:25 p.m.	.61	4:55 p.m.	5:05 p.m.	.12	.17	.48	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49
Wichita, Kans.:																				
Apr. 4	10:40 p.m.	[1] N. a.	.93	11:21 p.m.	11:34 p.m.	.15	.13	.28	.37	.37	.38	.38	.38	.38	.38	.46	.70	.78	.78	.78
Apr. 5	[2] 10:40 p.m.	N. a.	.93	12:08 a.m.	12:24 a.m.	.54	.15	.22	.37	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39
May 12	4:30 p.m.	[1] 8.00 a.m.	2.57	9:34 p.m.	10:05 p.m.	.88	.15	.33	.37	.42	.50	.56	.59	.60	.61	.64	.69	.73	.78	.86
May 27	8:45 p.m.	[1] 12.40 a.m.	.85	9:00 p.m.	9:12 p.m.	.05	.22	.32	.40	.42	.43	.43	.43	.43	.43	.44	.45	.45	.51	.56
June 1	12:40 a.m.	1:40 a.m.	.51	1:12 a.m.	1:20 a.m.	.18	.19	.32	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33
June 16	9:55 a.m.	11:55 a.m.	1.26	10:22 a.m.	11:22 a.m.	.10	.19	.39	.40	.43	.50	.64	.80	.87	.90	1.01	1.14	1.16	1.16	1.16
Do	12:30 p.m.	2:30 p.m.	1.31	12:50 p.m.	1:42 p.m.	.04	.09	.16	.25	.29	.35	.43	.61	.82	1.05	1.18	1.24	1.27	1.27	1.27
June 25	6:47 p.m.	8:40 p.m.	.94	7:28 p.m.	8:02 p.m.	.13	.15	.24	.33	.47	.59	.69	.78	.80	.80	.81	.81	.81	.81	.81
June 28	3:35 a.m.	7:40 a.m.	1.12	3:46 a.m.	4:22 a.m.	.04	.09	.22	.31	.44	.53	.59	.65	.68	.73	.75	.83	.89	.91	.96
Sept. 1	2:28 p.m.	5:00 p.m.	1.39	2:34 p.m.	2:58 p.m.	.01	.26	.66	.85	.94	.99	1.00	1.01	1.01	1.01	1.01	1.01	1.12	1.22	1.33
Sept. 16	6:20 p.m.	7:15 p.m.	.70	6:41 p.m.	7:05 p.m.	.02	.08	.25	.38	.57	.66	.67	.68	.68	.68	.68	.68	.68	.68	.68
Oct. 7	6:30 a.m.	8:15 a.m.	1.17	6:51 a.m.	7:58 a.m.	.10	.15	.30	.39	.41	.42	.44	.45	.53	.65	.73	.85	1.07	1.07	1.07
Oct. 20	11:20 a.m.	2:50 p.m.	1.81	12:44 p.m.	2:01 p.m.	.12	.16	.21	.30	.45	.55	.77	.97	1.04	1.15	1.17	1.20	1.66	1.68	1.69
Oklahoma City, Okla.:																				
June 2	7:16 p.m.	11:15 p.m.	.83	8:34 p.m.	8:50 p.m.	.11	.10	.29	.60	.66	.67	.68	.68	.68	.68	.70	.72	.72	.72	.72
SOUTHERN SLOPE																				
Abilene, Tex.:																				
May 15	6:20 a.m.	9:00 a.m.	1.29	6:26 a.m.	6:36 a.m.	.02	.43	.65	.71	.82	.90	.96	.99	1.00	1.01	1.02	1.02	1.15	1.22	1.26
May 17	3:45 p.m.	8:25 p.m.	1.78	4:56 p.m.	5:15 p.m.	.07	.36	.58	.86	1.09	1.10	1.11	1.11	1.11	1.12	1.12	1.12	1.12	1.13	1.34
June 1	N. a.	N. a.	1.24	2:41 a.m.	3:09 a.m.	.06	.14	.29	.50	.71	.83	.93	.98	1.03	1.06	1.07	1.08	1.10	1.12	1.16
Sept. 8	6:45 p.m.	[1] N. a.	1.59	6:46 p.m.	7:09 p.m.	.01	.63	.95	1.12	1.24	1.34	1.39	1.45	1.48	1.50	1.50	1.51	1.53	1.54	1.56
Amarillo, Tex.:																				
Aug. 2	2:02 p.m.	7:10 p.m.	1.68	2:12 p.m.	2:57 p.m.	.10	.15	.40	.42	.49	.62	.72	.93	1.12	1.27	1.31	1.37	1.49	1.50	1.50
Aug. 28	10:25 p.m.	[1] 2:00 a.m.	1.72	10:50 p.m.	11:26 p.m.	.03	.12	.23	.32	.46	.68	1.01	1.13	1.20	1.22	1.25	1.32	1.46	1.54	1.59
Del Rio, Tex.:																				
Mar. 21	7:31 p.m.	9:15 p.m.	2.33	7:58 p.m.	8:23 p.m.	.06	.10	.61	1.62	2.06	2.18	2.24	2.25	2.25	2.26	2.26	2.26	2.27	2.27	2.27
May 17	8:25 p.m.	[1] N. a.	1.87	9:03 p.m.	9:28 p.m.	.14	.10	.24	.40	.67	.96	.99	.99	.99	.99	1.00	1.04	1.14	1.42	1.42
May 29	1:10 a.m.	4:15 a.m.	1.09	1:21 a.m.	1:46 a.m.	.05	.10	.26	.45	.67	.82	.85	.89	.91	.93	.93	.94	.95	.98	1.01
June 11	[2] 4:28 p.m.	7:50 a.m.	2.32	6:10 a.m.	6:40 a.m.	1.21	.11	.25	.43	.60	.75	.95	1.02	1.06	1.09	1.10	1.11	1.11	1.11	1.11
June 13	5:50 p.m.	11:50 p.m.	6.71	9:42 p.m.	11:21 p.m.	2.09	.13	.30	.46	.67	.79	.89	1.11	1.39	1.65	2.24	2.99	3.65	4.57	4.62
Sept. 7-8	10:25 p.m.	6:58 a.m.	3.10	11:53 p.m.	12:23 a.m.	.02	.12	.30	.44	.58	1.09	1.37	1.41	1.51	1.61	1.67	1.83	1.95	1.96	1.97
Roswell, N. Mex.:																				
June 11	3:53 p.m.	[1] 3:20 a.m.	.78	4:39 p.m.	4:52 p.m.	.05	.13	.31	.38	.42	.45	.46	.46	.47	.48	.49	.50	.52	.52	.53
SOUTHERN PLATEAU																				
Albuquerque, N. Mex.:																				
June 11	5:00 p.m.	10:20 p.m.	1.40	5:53 p.m.	6:41 p.m.	.10	.12	.23	.29	.40	.48	.56	.64	.69	.75	.79	.87	.98	1.10	1.14
Aug. 2	4:25 p.m.	9:25 p.m.	1.08	4:25 p.m.	4:50 p.m.	.00	.10	.36	.66	.90	1.00	1.03	1.04	1.04	1.04	1.05	1.06	1.06	1.06	1.08
Aug. 23	5:22 p.m.	7:35 p.m.	.72	5:28 p.m.	5:49 p.m.	.02	.16	.39	.51	.63	.66	.68	.69	.69	.69	.69	.69	.70	.70	.70
Phoenix, Ariz.:																				
Feb. 6	12:15 p.m.	2:30 p.m.	.68	12:25 p.m.	12:31 p.m.	.01	.30	.34	.37	.38	.38	.39	.39	.40	.40	.40	.42	.53	.61	.67
July 27	10:15 p.m.	11:57 p.m.	.83	10:42 p.m.	11:06 p.m.	.08	.09	.32	.41	.55	.71	.74	.77	.77	.78	.79	.80	.81	.81	.81
Sept. 24	1:30 a.m.	3:15 a.m.	.64	1:45 a.m.	2:13 a.m.	.01	.12	.17	.31	.39	.46	.50	.53	.59	.63	.63	.63	.63	.63	.63

See footnotes at end of table.

TABLE 9.—*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 1935 at all stations furnished with self-registering gages*—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.
MIDDLE PLATEAU																				
Salt Lake City, Utah:			*In.*			*In.*														
May 30	7:19 a.m.	9:30 a.m.	0.72	7:19 a.m.	7:39 a.m.	0.10	0.25	0.45	0.51	0.59	0.61	0.62	0.62	0.62	0.62	0.62	0.63	0.65	0.68	0.71
NORTHERN PLATEAU																				
Boise, Idaho: [1]																				
May 16	4:15 p.m.	6:36 p.m.	.56	4:19 p.m.	4:37 p.m.	.01	.19	.26	.35	.40	.42	.43	.43	.43	.44	.44	.47	.51	.54	.55
Spokane, Wash:																				
Aug. 18	8:45 a.m.	11:55 a.m.	.61	9:27 a.m.	9:43 a.m.	.01	.17	.38	.52	.54	.55	.56	.57	.57	.57	.57	.57	.57	.57	.58
NORTH PACIFIC REGION																				
Tattoosh Island, Wash:																				
Oct. 13	[2] 8:30 p.m.	4:15 a.m.	.96	2:46 a.m.	3:01 a.m.	.35	.14	.35	.46	.47	.47	.48	.49	.50	.50	.50	.53	.55	.55	.55
MIDDLE PACIFIC REGION																				
Eureka, Calif:																				
Dec. 28	6:15 p.m.	10:05 p.m.	1.05	7:55 p.m.	8:20 p.m.	.23	.12	.30	.36	.40	.46	.49	.54	.58	.63	.67	.71	.74	.78	.82
Redding, Calif.:																				
Dec. 30	3:25 a.m.	3:12 p.m.	1.10	1:22 p.m.	1:42 p.m.	.59	.07	.22	.34	.40	.42	.44	.45	.46	.48	.49	.50	.51	.51	.51
Sacramento, Calif.:																				
Apr. 7	[2] 1:20 p.m.	9:00 p.m.	3.49	4:45 p.m.	6:37 p.m.	.86	.23	.62	.75	.79	.92	.97	1.09	1.22	1.34	1.43	1.65	1.86	2.42	2.59
SOUTH PACIFIC REGION																				
Fresno, Calif.:																				
Apr. 3	1:45 p.m.	2:50 p.m.	.54	1:57 p.m.	2:12 p.m.	.02	.13	.27	.43	.47	.49	.52	.52	.52	.52	.52	.52	.52	.52	.52
Apr. 15	4:55 p.m.	6:05 p.m.	.33	5:13 p.m.	5:20 p.m.	.01	.24	.31	.31	.31	.31	.31	.31	.32	.32	.32	.32	.32	.32	.32
Oct. 1	6:50 p.m.	[1] 12:50 a.m.	.60	8:45 p.m.	8:52 p.m.	.05	.23	.33	.35	.36	.36	.37	.37	.39	.41	.41	.41	.43	.45	.49
Los Angeles, Calif.:																				
Jan. 5	[2] 10:30 p.m.	7:30 a.m.	1.21	3:11 a.m.	3:24 a.m.	.39	.14	.45	.50	.51	.53	.56	.58	.65	.67	.68	.70	.71	.72	.72
Jan. 15	[2] 6:50 p.m.	4:55 a.m.	.86	1:50 a.m.	2:19 a.m.	.25	.08	.18	.28	.33	.45	.52	.53	.53	.53	.54	.55	.57	.57	.57
Apr. 8	[2] 6:00 p.m.	5:15 a.m.	2.48	1:36 a.m.	2:32 a.m.	.74	.06	.17	.28	.45	.52	.58	.65	.71	.88	1.01	1.17	1.27	1.37	1.46
San Diego, Calif.:																				
Jan. 5	5:42 a.m.	9:10 a.m.	.68	6:49 a.m.	7:08 a.m.	.16	.24	.36	.39	.46	.49	.51	.51	.51	.51	.51	.52	.52	.52	.52
ALASKA																				
Fairbanks:																				
July 1	10:00 a.m.	9:30 p.m.	.65	5:48 p.m.	6:03 p.m.	.18	.18	.32	.40	.41	.41	.41	.41	.41	.41	.42	.42	.46	.47	.47
ISLAND POSSESSIONS																				
San Juan, P. R.: [4]																				
May 29	N. a.	9:22 a.m.	.96	5:46 a.m.	6:00 a.m.	.02	.22	.55	.71	.73	.75	.75	.76	.77	.78	.79	.81	.82	.83	.84
June 8	12:02 p.m.	12:43 p.m.	.91	12:04 p.m.	12:21 p.m.	.01	.27	.54	.78	.88	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90
July 24–25	9:45 p.m.	N. a.	1.59	11:43 p.m.	12:09 a.m.	.41	.15	.32	.51	.69	.82	.92	.97	1.02	1.03	1.03	1.05	1.14	1.18	1.18
Oct. 31	4:22 p.m.	5:00 p.m.	.65	4:31 p.m.	4:41 p.m.	.06	.26	.50	.57	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59
Honolulu, T. H.:																				
Jan. 18	N. a.	N. a.	.80	1:06 a.m.	1:57 a.m.	.04	.05	.20	.35	.41	.43	.46	.47	.50	.62	.73	.76	.76	.76	.76
				5:10 p.m.	6:00 p.m.	.01	.20	.44	.78	1.14	1.40	1.56	1.75	1.86	1.95	2.07	----	----	----	----
Feb. 27	5:08 p.m.	[1] N. a.	5.83	6:00 p.m.	6:50 p.m.	----	2.23	2.27	2.37	2.46	2.54	2.63	2.65	2.68	2.76	2.78	----	----	----	----
				6:50 p.m.	7:40 p.m.	----	2.86	2.95	2.99	3.08	3.18	3.35	3.46	3.61	3.67	3.83	----	----	----	----
				7:40 p.m.	8:16 p.m.	----	4.04	4.46	4.66	4.72	4.77	4.92	4.99	5.05	----	----	----	----	----	----
Mar. 1	N. a.	9:06 a.m.	1.17	7:20 a.m.	7:55 a.m.	.30	.07	.15	.24	.35	.44	.57	.68	.72	.75	.78	.84	.87	.87	.87
Nov. 15	6:40 a.m.	1:50 p.m.	.72	10:00 a.m.	10:09 a.m.	.18	.19	.35	.38	.40	.41	.43	.44	.45	.46	.47	.48	.49	.51	.55
Dec. 25	N. a.	11:10 a.m.	.53	7:21 a.m.	7:29 a.m.	.03	.17	.30	.31	.31	.32	.33	.34	.35	.35	.36	.36	.41	.41	.42

[1] On the following date.
[2] On preceding date.
[3] From defective record.
[4] Rate 0.40 inch in 5 minutes, or 1.50 inches in 1 hour.

NOTE.—The following stations had no excessive precipitation during the year 1935: New England States, Northfield, Vt.; lower Lake region, Buffalo, N. Y.; northern slope, Helena and Kalispell, Mont., and Lander, Wyo.; middle slope, Pueblo, Colo.; southern plateau, El Paso, Tex., Santa Fe, N. Mex., and Yuma, Ariz.; middle plateau, Winnemucca and Reno, Nev., Modena, Utah, and Grand Junction, Colo.; northern plateau, Baker, Oreg., Pocatello, Idaho, and Walla Walla and Yakima, Wash.; North Pacific region, North Head and Seattle, Wash., Portland, Roseburg, and Medford, Oreg.; Middle Pacific region, San Francisco, Calif; and Alaska, Juneau.

[Excessive precipitation data for the years 1931 and 1932 appear in the 1933–34 issue, and for 1933 and 1934 in the 1934–35 issue of this report.—J. P. K.]

MONTHLY AND ANNUAL EVAPORATION, 1935

The monthly and annual amounts of evaporation during the year 1935 appear in table below. The number of these reports at the present time is small, records appearing from less than 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 appeared in the Monthly Weather Review of December 1916, pages 674 to 677.

TABLE 10.—*Monthly and annual evaporation at class A stations for 1935*

Station	Jan.	Feb.	Mar.	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	In.	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*
ALABAMA													
Fairhope [1]	2.14	2.57	4.07	5.22	6.02	6.79	5.64	5.16	4.76	3.78	2.42	1.65	50.22
ALASKA													
Fairbanks							4.96		1.17				
Matanuska								2.27	2.41				
ARIZONA													
Lee's Ferry	1.16	2.91	5.40	8.59	10.00	14.26	14.20	11.96	8.66	6.41	2.95	1.32	87.82
Mesa	2.30	4.08	3.80	6.45	9.29	11.50	10.95	8.28	7.07	5.22	2.60	2.40	73.93
Roosevelt	1.21	2.35	3.23	5.78	7.21	10.79	10.14	6.94	5.54	4.21	1.75	0.91	60.06
Willcox	3.11	5.15	6.11	9.74	8.61	9.46	9.69	7.42	6.57	6.32	3.31	3.57	79.09
Yuma (citrus)	3.54	5.44	7.63	11.28	13.73	16.86	16.11	14.00	11.85	8.93	4.91	3.53	117.81
Yuma (valley)	3.16	4.90	7.12	9.25	12.46	14.24	12.55	9.30	7.88	7.31	4.12	3.18	95.47
University of Arizona (Tucson)	2.95	4.45	5.01	8.58	10.54	13.62	13.13	8.65	8.08	7.59	3.56	2.64	88.80
CALIFORNIA													
Alvarado (near)	1.23	1.53	3.48	4.40	6.99	7.88	7.97	6.73	4.66	3.82	1.81	1.02	51.82
Chula Vista	2.58	3.35	4.51	5.61	7.32	6.98	7.45	6.98	6.00	5.17	3.22	2.67	61.80
Davis	1.04	1.72	3.74	4.49	7.99	9.28	9.65	9.05	6.67	4.84	2.08	1.21	61.76
Fall River Mills			2.98	4.44	7.82	10.12	11.44	10.52	7.84	3.32		0.68	
Lodi	1.16	1.72	3.36	4.25	8.19	10.76	11.37	10.57	7.49	4.73	2.22		
Oakdale (near)	2.16	1.32	3.07	4.19	8.39	13.08	13.72	12.31	8.40	4.00	1.70	1.09	73.43
Tahoe						5.07	5.28	6.07	5.03				
HAWAII													
Hoaeae (Upper)							7.80	9.41	5.73	5.37	3.92	4.48	
Pahala	5.19	4.38	3.87	5.32	6.27	5.70	6.60	6.14	5.53	3.57	3.62	4.10	60.29
IDAHO													
Aberdeen [2]					6.63	9.84	11.39	10.33	6.74	3.55			
Arrowrock					6.88	10.00	12.09	11.16	7.49				
Lifton [3]					5.85	10.60	12.61	10.87	7.65	4.06			
Milner Dam					5.56	8.92	10.43	9.92	6.40	3.27			
IOWA													
Ames				4.31	4.43	6.10	9.02	8.17	5.33	3.06			
KANSAS													
Tribune				9.40	6.23	10.50	16.05	13.29	8.51				
MISSOURI													
Lakeside		2.16	4.11	4.15	3.96	5.58	8.15	7.44	4.98	3.25	1.79		
MONTANA													
Agriculture College					5.48	6.89	9.51	9.74	6.88	3.58			
Malta						8.15	9.82	8.16	5.76	3.50			
Sherburne Lake					6.39	8.44	8.20	9.14	6.04				
Valier					5.43	6.55	9.77	10.12	8.56				
NEBRASKA													
Lincoln				5.34	3.84	6.94	11.93	9.81	6.49	3.22			
NEVADA													
Boulder City [4]								16.54	11.75	10.22	5.48	3.75	
Lamoille				4.13	5.16	8.08	10.11	10.52	8.02	4.31			
NEW MEXICO													
Agriculture College	3.45	3.93	8.41	11.61	11.66	15.13	15.37	12.02	7.43	7.18	4.41	2.62	103.21
Elephant Butte Dam	3.22	4.18	9.20	12.30	12.58	16.80	15.97	10.85	8.05	8.50	4.86	2.40	108.91
Portales [5]	3.29	4.26	7.16	10.80	10.11	12.81	14.56	11.22	8.17	7.28	5.53	2.09	97.28
Therma [6]				5.63	6.80	9.41	8.28	6.80	5.30	4.83			
NEW YORK													
Albany					5.21	5.15	6.32	5.84	3.01	2.55			
Ithaca					4.71	5.37	6.37	4.95	3.09	2.89			
NORTH CAROLINA													
Chapel Hill	1.44	2.30	3.18	3.51	4.90	6.39	6.03	5.55	3.33	2.82	1.65	1.41	42.51

[1] Observations taken at Silverhill prior to April 1934.
[2] Station opened Apr. 17, 1935.
[3] Station opened September 1934.
[4] Observations taken at Santa Fe, prior to March 1934.
[6] Station opened May 1, 1934.

TABLE 10.—*Monthly and annual evaporation at class A stations for 1935*—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
OHIO	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*	*In*	*In.*	*In.*	*In.*	*In.*	*In.*	*In.*
Ohio State University				2.39	3.64	3.58	4.59	4.20	2.98	1.52			
Wooster				3.16	5.07	4.91	5.90	4.99	3.68	2.58			
OREGON													
Corvallis				3.15	4.98	6.03	6.66	7.15	4.62				
Fish Lake						5.92	5.81	6.35	4.76				
Warmspring Reservoir				4.71	8.78	10.97	12.51	11.61	8.20				
PENNSYLVANIA													
Wallenpaupack Dam [4]					5.81	5.94	6.90	6.16	3.58				
PUERTO RICO													
San Juan	5.40	5.83	9.37	8.42	8.12	8.07	9.55	8.00	6.86	5.96	5.58	5.17	86.33
TEXAS													
Austin	2.28	3.17	5.61	4.88	6.07	6.29	8.42	8.89	5.41		2.41	1.86	
Dilley	2.64	3.97	7.68	6.35	7.40	6.77	9.54	11.21	6.14	3.99	2.61	1.73	70.03
UTAH													
Myton					6.20	9.40	8.79	6.60	5.34				
Piute Dam				5.91	6.79	12.97	12.41	10.20	8.05				
Utah Lake			3.79	5.58	7.45	12.05	13.32	10.62	7.84	5.38			
VIRGIN ISLANDS													
St. Croix	5.43	4.84	6.82	7.13	7.06	6.96	6.85	6.57	6.49	5.00	4.20	5.79	73.14
WASHINGTON													
Lake Kachess					4.14	4.25	5.01	4.01	2.49				
Walla Walla			2.41	3.40	7.11	8.95	12.03	10.16	7.18	2.74			
WEST VIRGINIA													
Clarksburg				2.78	4.29	5.12	6.12	5.35	3.27	2.09			

[4] Station opened Aug. 1, 1935.

NOTE.—No record for Alaska in 1934, nor Lahontan, Nev., in 1935.

MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR 180 STATIONS FOR 1935

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 monthly 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 of scale error, 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. (However, at a very few stations the elevation of 1900, or the original elevation of a station opened since 1900, has been replaced as the "station elevation" by an actual elevation since established.)

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.

In the pressure columns of this part the values presented are those at the station elevations of the barometer cisterns, which are at various heights above the ground level, but usually less than 100 feet. On the other hand, daily weather maps and most other pressure data issued by the Bureau indicate sea-level pressures.

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 and at Honolulu the mean is printed uncorrected. The extremes are determined, wherever possible, 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., 8 p. m., and noon, 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 temperatures by 2.

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

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

The sum total of the depth of rain and melted snow is measured to within 0.01 inch at 8 a. m. and 8 p. m., seventy-fifth meridian time, daily. The total precipitation is determined from the amounts recorded daily, midnight to midnight, standard of time in local use.

The snow caught and retained in the gage is melted and measured as water. No correction is applied for snow that is lost out of the gage by the eddying action of the wind; consequently in some cases the record is less than would be given if the observer had measured cylinders of snow cut from the spots representing the average snowfall on the ground. When it is known that the catch of the snow gage is markedly at fault, an independent ground measurement is made and used as the official record. The loss of both rain and snow caused by high winds, from gages exposed 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

gages are located in the open country and near the ground, but this loss does not appear to be sufficient to make the monthly 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. No record is made of deposits of dew.

The total snowfall column presents the depth as unmelted snow. The month in this instance runs from the last observation of the preceding month to the last of the month itself.

The cloudiness recorded in the summaries is derived from personal observations. The proportion of sky covered by clouds is estimated by the observer at 8 a. m., 8 p. m., and noon, on a scale of 0–10. These observations cannot 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 5-minute periods.

Beginning with January 1, 1932, the Weather Bureau began the practice of applying corrections to all records of wind velocity obtained from rotating cup anemometers. Correction tables for both three-cup and four-cup anemometers have been made available to stations and hence values furnished to the public are on a comparable basis, regardless of the particular instrument employed.

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

The number of days with dense fog includes all of those on which fog was dense enough to obscure objects 1,000 feet distant. Fog of less density is recorded as light.

Time.—8 a. m. and 8 p. m., in this part, indicate seventy-fifth meridian time, except in a few instances, where footnotes specify otherwise.

References and abbreviations.—H, official elevation of station=height of the ground above sea level at station; H_b=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 almost all stations where a change has been made in the elevation of the barometer since January 1, 1900, a corresponding correction has been applied to the observed reading, thereby reducing all values to the "station, or adopted elevation." The actual elevation and the station, or adopted elevation, are identical, except at stations where the barometer has been moved since January 1, 1900; h_t=height of thermometer above ground; h_r=height of rain gage (top) above ground; h_a=height of anemometer (cups) above ground.

ANNUAL METEOROLOGICAL SUMMARIES, 1935

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*

ABILENE, TEX.

[ϕ=32°27′ N.; λ=99°44′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	28.29	28.76	27.89	41.4	55.4	53.6	61.8	37.9	49.8	80	7	31	32	32	69	45	46	0.198	0.199	0.194	0.52	0.39	0.0	6.1	6.5	5.8	6.6
February	28.30	28.75	27.81	40.4	54.1	53.0	59.6	37.2	48.4	79	19	31	32	30	70	49	48	.184	.190	.180	2.95	1.15	T	3.8	4.7	4.4	4.5
March	28.12	28.52	27.73	54.0	68.4	67.1	74.7	51.1	62.9	88	31	40	37	36	62	36	37	.276	.252	.248	.59	.55	T	5.2	4.8	6.7	5.8
April	28.08	28.59	27.72	55.3	71.7	72.5	78.3	53.4	65.8	96	39	42	40	38	66	37	34	.345	.283	.265	1.55	.96	.0	6.1	5.1	4.6	5.4
May	28.08	28.40	27.82	61.6	75.1	74.7	80.3	59.5	69.9	94	42	54	54	53	78	51	52	.433	.439	.425	6.40	2.70	.0	5.6	4.5	4.9	5.2
June	28.10	28.31	27.82	70.2	84.1	81.9	87.7	67.5	77.6	97	58	65	64	63	83	54	56	.614	.610	.586	5.16	2.13	.0	5.1	5.3	5.4	5.1
July	28.19	28.36	28.00	73.5	90.4	88.8	94.8	72.0	83.4	103	61	66	63	62	77	42	44	.635	.578	.562	1.73	.53	.0	2.7	4.7	4.3	3.7
August	28.14	28.37	27.95	74.1	91.3	90.8	96.5	73.3	84.9	105	64	65	62	60	73	39	37	.614	.565	.519	.37	.26	.0	3.8	4.0	2.9	3.3
September	28.21	28.46	28.03	63.2	77.1	73.5	80.8	61.9	71.4	92	45	59	58	59	88	56	63	.522	.510	.514	6.22	2.35	.0	5.3	6.0	4.9	5.4
October	28.24	28.65	27.92	59.4	75.2	70.5	78.9	57.0	68.0	92	38	54	55	54	84	53	58	.432	.445	.425	2.25	.93	.0	5.5	4.5	4.0	4.5
November	28.28	28.60	27.82	46.0	57.2	53.5	61.2	42.4	51.8	80	28	41	41	42	83	59	67	.277	.272	.281	1.19	.68	.0	6.3	6.0	5.3	5.9
December	28.31	28.69	27.83	39.1	51.7	47.9	55.4	35.9	45.6	69	25	33	32	31	79	48	59	.194	.186	.204	.49	.22	T	7.3	6.3	6.0	6.2
Year	28.20	28.76	27.72	56.5	71.0	69.0	75.8	54.1	65.0	105	7	48	48	47	76	47	50	.390	.377	.367	29.42	2.70	T	5.2	5.2	4.9	5.1

ALBANY, N. Y.

[ϕ=42°39′ N.; λ=73°45′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.07	30.72	29.35	16.9	21.1	21.9	28.4	10.8	19.6	50	−12	11	13	14	77	69	71	0.095	0.098	0.104	4.10	1.12	20.8	5.7	5.6	6.5	5.9
February	29.94	30.72	29.36	21.2	26.8	26.5	33.6	15.9	24.8	49	−11	16	18	18	78	70	70	.101	.109	.109	2.26	.90	12.5	6.6	6.9	5.7	7.1
March	29.96	30.66	29.25	32.4	40.1	39.1	45.7	27.6	36.6	68	10	26	30	30	78	67	70	.153	.177	.176	1.60	.49	5.5	5.8	6.2	5.5	6.2
April	29.83	30.18	29.25	43.1	51.0	48.0	55.2	37.5	46.4	86	28	36	40	38	78	67	69	.224	.255	.233	2.48	1.07	T	6.3	6.9	6.1	6.9
May	29.87	30.26	29.40	51.7	61.2	59.1	66.5	45.9	56.2	86	35	41	43	41	68	53	54	.267	.289	.271	2.35	1.03	T	4.8	5.5	5.9	5.5
June	29.82	30.17	29.33	64.8	72.8	70.4	77.4	59.0	68.2	87	52	57	58	57	78	63	64	.477	.495	.468	5.20	1.36	.0	6.0	6.0	5.6	6.2
July	29.87	30.25	29.54	71.5	80.2	77.1	84.7	66.4	75.6	96	54	64	64	64	78	58	66	.608	.601	.615	4.96	2.50	.0	6.2	5.5	5.7	5.7
August	29.91	30.20	29.48	66.7	76.6	73.8	81.4	61.9	71.6	91	51	59	58	60	76	53	64	.508	.490	.538	1.47	.90	.0	4.1	4.5	3.9	4.6
September	29.94	30.28	29.42	55.4	64.6	61.2	68.8	51.5	60.2	81	38	51	52	52	84	65	72	.378	.397	.392	2.90	1.40	.0	5.8	6.3	4.8	6.2
October	30.09	30.54	29.36	46.6	58.8	53.8	63.5	42.2	52.8	75	30	41	43	42	81	57	65	.267	.295	.282	1.42	.63	.0	4.3	5.3	4.7	5.1
November	30.04	30.40	29.46	41.0	45.5	43.5	48.6	37.5	43.0	74	21	37	37	37	87	74	78	.236	.241	.233	4.15	1.16	1.8	8.1	7.3	7.2	8.0
December	29.93	30.65	29.34	22.4	27.1	26.1	31.6	19.4	25.5	51	−2	17	19	19	80	70	71	.106	.117	.110	.85	.42	1.5	6.6	6.7	7.7	6.7
Year	29.94	30.72	29.25	44.5	52.2	50.6	57.1	39.6	48.4	96	−12	38	40	39	79	64	68	.285	.297	.294	33.74	2.50	42.1	5.9	6.1	5.8	6.2

ALBUQUERQUE, N. MEX.

[ϕ=35°05′ N.; λ=106°43′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	25.12	25.48	24.59	27.8	44.3	42.0	50.6	24.2	37.4	63	7	22	24	24	77	46	59	0.119	0.135	0.137	0.91	0.86	T	3.5	4.6	4.8	4.4
February	25.12	25.56	24.62	27.9	46.0	46.0	52.6	24.6	38.6	67	13	21	24	23	74	44	43	.114	.129	.124	.20	.08	1.8	3.1	6.1	5.1	4.9
March	24.97	25.29	24.69	34.0	55.6	57.2	62.1	30.4	46.2	73	16	19	21	19	52	28	24	.101	.114	.102	.03	.03	T	4.1	6.2	4.8	5.5
April	24.95	25.35	24.61	42.2	63.0	64.1	68.7	39.5	54.1	82	29	28	28	25	59	28	25	.155	.154	.138	.48	.30	.0	3.6	4.8	6.2	5.2
May	24.95	25.18	24.58	46.9	66.2	66.8	71.2	44.8	58.0	84	30	36	33	31	70	34	32	.218	.195	.179	.91	.35	2.0	5.0	5.8	6.6	5.7
June	25.00	25.19	24.80	56.9	83.2	85.2	89.3	54.8	72.0	97	43	40	40	33	54	22	17	.255	.251	.197	1.40	1.40	.0	1.1	1.6	5.3	2.6
July	25.10	25.34	24.91	63.7	85.9	86.7	92.3	62.1	77.2	98	56	50	50	46	61	30	26	.360	.365	.312	.19	.09	.0	2.7	2.9	7.1	4.2
August	25.09	25.28	24.88	63.7	81.8	79.8	87.3	62.0	74.6	93	59	57	56	54	79	42	45	.465	.446	.424	3.74	1.29	.0	4.9	3.9	7.8	5.4
September	25.10	25.32	24.93	53.7	74.9	75.1	81.0	51.5	66.2	91	36	45	44	42	73	36	35	.306	.295	.276	1.19	.56	.0	2.9	3.0	3.7	3.2
October	25.10	25.42	24.73	43.9	66.7	63.6	72.5	40.6	56.6	84	22	32	34	32	65	31	33	.193	.203	.198	.26	.11	T	2.0	2.7	3.4	2.8
November	25.10	25.42	24.73	29.9	51.2	46.5	56.7	27.1	41.9	74	17	20	23	21	65	36	40	.108	.125	.119	1.37	1.04	T	2.9	4.3	4.3	4.1
December	25.11	25.35	24.75	25.3	43.2	36.6	48.0	21.4	34.7	55	14	20	22	22	80	43	55	.107	.120	.121	.36	.18	1.2	3.6	4.0	4.8	4.5
Year	25.06	25.56	24.58	43.0	63.5	62.5	69.4	40.2	54.8	98	7	32	33	31	67	35	35	.208	.211	.194	11.04	1.40	5.0	3.3	4.2	5.3	4.4

ALPENA, MICH.

[ϕ=45°04′ N.; λ=83°30′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.44	30.09	28.30	18.8	21.5	19.5	25.8	12.4	19.1	41	−9	15	15	14	83	73	76	0.095	0.092	0.088	2.05	0.75	19.5	8.0	8.0	7.4	8.2
February	29.38	29.99	28.80	16.2	23.4	21.7	27.8	11.3	19.6	42	−8	13	14	16	86	67	76	.086	.087	.092	1.02	.32	13.0	7.1	6.4	6.2	6.4
March	29.34	29.96	28.75	26.8	33.8	31.3	38.0	23.0	30.5	55	8	23	25	24	85	69	73	.127	.142	.131	2.51	.89	6.8	4.4	6.8	6.5	6.3
April	29.35	29.66	28.56	36.9	42.2	41.2	47.5	33.0	40.2	71	24	29	29	30	73	60	64	.164	.168	.174	.63	.40	.6	4.6	4.7	4.8	4.9
May	29.42	29.90	29.14	46.7	53.3	51.7	57.4	39.4	48.4	74	29	36	35	37	67	53	63	.216	.217	.226	.81	.33	3.3	4.3	4.5	4.1	4.3
June	29.23	29.61	28.81	57.5	64.6	60.4	68.7	51.2	60.0	86	41	50	50	52	77	62	74	.365	.372	.391	4.66	1.51	.0	5.4	6.1	6.3	6.2
July	29.32	29.67	28.99	70.1	77.1	73.7	80.6	62.8	71.7	93	51	62	62	62	76	61	63	.560	.563	.569	1.54	.39	.0	4.5	5.2	4.7	4.6
August	29.35	29.71	28.96	64.9	72.1	67.5	74.5	58.3	66.4	86	44	59	58	60	83	63	76	.526	.511	.531	2.07	.77	.0	4.1	5.1	4.1	4.8
September	29.36	29.69	28.73	53.2	61.7	55.8	64.8	47.5	56.2	87	33	48	49	49	82	65	78	.343	.364	.358	2.43	.53	.0	6.2	5.7	5.1	6.0
October	29.44	29.93	28.52	43.0	52.3	47.5	55.3	39.5	47.4	76	29	38	39	40	84	63	76	.238	.246	.253	1.30	.65	.6	6.2	6.1	4.2	6.2
November	29.42	29.92	28.69	34.2	38.0	35.8	41.6	30.1	35.8	61	15	30	30	29	83	72	76	.170	.169	.168	1.77	.43	3.0	8.7	8.6	7.9	8.4
December	29.40	29.87	29.01	20.8	24.2	22.7	27.2	16.3	21.8	40	−2	18	19	18	88	78	79	.105	.106	.101	1.19	.36	16.1	9.3	8.7	8.2	8.7
Year	29.37	30.09	28.30	40.8	47.0	44.1	50.8	35.4	43.1	93	−9	35	35	36	81	66	73	.250	.254	.257	21.98	1.51	62.9	6.1	6.3	5.8	6.2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ABILENE, TEX.

[H=1,726 ft.; H_b=1,738 ft.; h_t=10 ft.; h_r=3 ft.; h_a=52 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	9.2	S.	30	SW.	0	9	6	1	4	25	8	4	5	0	8	6	17	4	3	0	0	1	4	2	1	0	11	3	0
February	9.7	N.	30	SW.	0	13	7	2	4	9	5	8	8	0	14	5	9	8	6	1	0	0	6	1	1	0	6	1	0
March	12.3	S.	33	S.	2	3	5	6	5	28	4	5	6	0	8	10	13	3	1	1	1	1	0	0	0	0	1	1	0
April	11.6	S.	28	S.	0	11	10	2	10	15	5	2	5	0	9	11	10	5	5	0	0	1	1	0	0	4	6	4	0
May	11.1	S.	35	SW.	2	10	8	2	6	23	8	2	3	0	12	10	9	9	9	0	0	2	1	0	0	8	0	11	0
June	11.0	S.	38	NW.	1	2	6	4	10	30	5	3	0	0	11	11	8	10	9	0	0	0	0	0	0	15	0	9	0
July	8.1	S.	27	W.	0	0	1	2	16	34	4	3	0	2	18	9	4	8	8	0	0	0	0	0	0	27	0	8	0
August	9.4	S.	24	S.	0	1	3	10	12	31	2	2	1	0	17	9	5	3	3	0	0	0	0	0	0	27	0	5	0
September	7.4	S.	18	S.	0	11	4	10	14	14	1	3	2	1	12	5	13	11	8	0	0	0	0	0	0	3	0	2	0
October	9.8	S.	27	SW.	0	8	1	3	14	26	3	1	4	2	14	9	8	5	5	0	0	0	3	0	0	3	0	2	0
November	9.7	S.	27	SW.	0	12	0	5	15	14	5	6	3	0	10	4	16	9	5	0	0	0	5	1	0	0	3	3	0
December	8.4	S.	28	W.	0	11	3	7	9	17	4	5	5	1	8	8	15	5	4	1	0	0	0	0	0	0	8	0	0
Year	9.8	S.	38	NW.	5	91	54	54	119	266	54	44	42	6	141	97	127	80	66	3	1	5	20	4	2	87	29	49	0

ALBANY, N. Y.

[H=19 ft.; H_b=97 ft.; h_t=97 ft.; h_r=88 ft.; h_a=112 ft.]

January	8.5	S.	23	W.	0	10	0	1	0	24	1	8	18	0	9	9	13	15	12	17	10	0	8	3	18	0	27	0	1
February	7.5	S.	24	SW.	0	9	4	1	1	23	2	6	10	0	3	10	15	10	7	18	8	0	5	0	9	0	27	0	0
March	8.5	S.	26	S.	0	12	3	1	0	24	2	13	7	0	8	8	15	12	9	9	5	0	6	1	2	0	22	1	0
April	8.0	W.	26	N.	0	14	2	1	3	7	6	14	13	0	5	11	14	15	10	7	4	0	12	0	0	0	7	1	0
May	7.2	S.	23	S.	0	9	5	5	2	11	5	8	17	0	11	12	8	10	6	1	0	0	7	0	0	0	0	0	0
June	7.2	S.	23	NE.	0	10	3	1	4	26	7	2	7	0	5	13	12	15	11	0	0	0	12	1	0	0	0	9	0
July	6.9	S.	22	SE.	0	8	7	4	5	29	4	2	3	0	8	12	11	12	10	0	0	0	11	1	0	6	0	7	0
August	6.9	S.	21	S.	0	9	6	3	4	31	0	2	7	0	12	11	8	10	7	0	0	0	6	1	0	2	0	2	0
September	6.8	S.	24	S.	0	14	3	1	3	25	4	3	7	0	8	11	11	10	7	0	0	0	11	4	0	0	0	0	3
October	7.0	S.	29	S.	0	7	8	3	6	24	2	0	12	0	10	12	9	10	7	0	0	0	11	5	0	0	2	1	1
November	8.3	N.	24	SW.	0	26	2	2	2	20	2	2	4	0	3	5	22	15	11	6	2	0	12	3	0	0	7	0	0
December	7.4	NW.	19	NW.	0	19	5	2	0	13	1	0	22	0	7	7	17	10	6	14	5	0	2	0	14	0	24	0	0
Year	7.5	S.	29	S.	0	147	48	25	30	257	36	60	127	0	89	121	155	144	103	72	34	0	103	19	43	8	116	21	5

ALBUQUERQUE, N. MEX.

[H=5,101 ft.; H_b=4,972 ft.; h_t=5 ft.; h_r=15 ft.; h_a=39 ft.]

January	7.0	N.	45	SW.	2	16	5	0	2	10	7	8	13	1	15	8	8	6	2	4	2	0	2	1	1	0	26	0	0
February	7.2	N.	34	SW.	2	22	3	1	2	7	4	6	6	5	12	7	9	6	2	7	3	0	1	1	0	0	23	1	0
March	10.1	W.	40	W.	4	13	4	0	4	7	11	13	9	1	9	11	11	1	0	3	1	0	0	0	0	0	21	0	0
April	11.1	W.	40	W.	6	8	3	3	8	4	2	20	11	1	9	14	7	3	2	0	0	0	0	0	0	0	3	0	0
May	9.9	W.	45	E.	3	10	4	3	9	10	5	12	8	1	10	9	12	9	5	1	1	2	0	0	0	0	2	2	0
June	9.0	SE.	42	NW.	3	13	5	0	9	3	4	6	18	2	20	9	1	1	1	0	0	0	0	0	0	14	0	6	0
July	8.1	SE.	34	W.	2	16	5	2	15	6	3	8	7	0	16	10	5	7	2	0	0	0	0	0	0	23	0	12	0
August	7.3	SE.	40	W.	3	12	10	7	9	6	5	5	8	0	6	18	7	14	11	0	0	0	0	0	0	8	0	20	0
September	7.1	SE.	42	SE.	1	17	3	4	11	11	3	1	8	2	18	6	6	9	5	0	0	0	1	0	0	3	0	3	0
October	8.8	N.	40	S.	3	15	2	5	5	8	10	5	10	2	21	6	4	4	3	2	0	0	2	0	0	0	6	5	0
November	7.5	N.	39	W.	2	14	9	3	2	5	7	9	11	0	14	9	7	4	3	1	0	0	0	0	0	0	22	0	0
December	6.7	N.	28	W.	0	24	2	1	3	4	7	10	11	0	14	7	10	5	4	4	2	0	3	3	0	0	31	0	0
Year	8.3	N.	45	E.	31	180	55	29	79	81	68	103	120	15	164	114	87	69	40	22	9	4	7	5	1	48	134	49	0

ALPENA, MICH.

[H=587 ft.; H_b=609 ft.; h_t=13 ft.; h_r=4 ft.; h_a=89 ft.]

January	12.7	NW.	43	SE.	3	3	3	2	7	9	10	11	17	0	1	8	22	14	8	21	13	0	3	2	21	0	30	0	0
February	10.5	NW.	27	E.	0	4	6	1	3	9	5	10	18	0	7	8	13	13	7	17	10	0	3	1	19	0	28	0	0
March	11.1	NW.	37	SE.	1	3	7	5	11	8	3	14	11	0	5	14	12	10	9	12	4	0	4	3	8	0	29	0	0
April	10.6	NW.	29	NW.	0	12	10	6	8	5	1	4	14	0	12	9	9	5	4	7	1	1	1	0	0	0	13	1	1
May	10.4	NW.	30	E.	0	5	9	5	12	3	2	3	23	0	16	7	8	6	6	1	1	0	2	0	0	0	3	0	0
June	9.9	SE.	27	NW.	0	2	5	4	18	5	7	8	11	0	8	10	12	16	13	0	0	0	1	1	0	0	0	4	0
July	8.5	NW.	25	N.	0	4	1	4	7	14	7	8	17	0	12	15	4	10	6	0	0	0	1	0	0	1	0	6	0
August	9.8	SE.	32	SE.	1	2	3	9	12	9	5	10	11	1	13	10	8	12	10	0	0	0	3	2	0	0	0	5	0
September	10.7	NW.	29	NW.	0	2	5	5	6	7	10	7	17	1	8	13	9	14	12	6	0	1	2	0	0	0	0	4	1
October	11.1	NW.	32	NW.	1	2	2	4	5	11	15	6	16	1	10	6	15	10	6	4	1	0	2	2	0	0	3	1	0
November	10.9	NW.	26	SE.	0	2	8	2	3	11	8	10	16	0	2	6	22	15	12	10	6	0	2	1	2	0	16	0	0
December	10.3	NW.	25	E.	0	2	5	3	1	10	7	12	22	0	1	4	26	15	9	24	14	0	3	0	22	0	27	0	0
Year	10.5	NW.	43	SE.	6	43	64	50	93	101	80	103	193	3	95	110	160	140	102	96	50	2	27	12	72	1	149	21	2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

AMARILLO, TEX.

[ϕ=35°13′ N.; λ=101°50′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	26.30	26.70	25.86	34.9	49.7	48.2	57.5	30.9	44.2	77	−2	24	24	24	63	38	40	0.132	0.134	0.135	0.75	0.75	T	4.2	3.9	4.9	4.5
February	26.33	26.84	25.82	33.3	49.6	49.0	56.0	30.6	43.3	80	9	22	20	20	64	33	37	.121	.109	.116	.22	.22	1.2	4.1	3.5	5.4	4.8
March	25.16	25.54	25.77	43.1	59.5	59.4	66.1	40.1	53.1	80	22	24	22	22	49	26	27	.136	.125	.125	1.14	.65	4.9	5.5	4.9	6.1	5.7
April	26.16	26.68	25.75	45.0	63.2	65.3	70.0	43.5	56.8	90	31	29	27	25	54	28	24	.162	.149	.138	.05	.04	.0	5.5	5.6	5.1	5.7
May	26.18	26.52	25.71	51.7	65.1	66.7	71.5	50.3	60.9	93	31	44	43	44	76	51	49	.301	.295	.301	2.57	.99	2.2	6.8	6.0	6.9	6.4
June	26.22	26.45	25.90	63.4	81.4	82.3	86.9	62.0	74.4	105	47	55	52	52	75	40	39	.436	.401	.404	.28	.16	.0	5.6	3.5	3.6	3.9
July	26.33	26.55	26.13	69.1	87.8	86.8	92.1	68.1	80.1	101	62	58	55	55	70	34	36	.496	.438	.442	.81	.52	.0	2.5	3.8	3.7	3.1
August	26.29	26.50	26.04	68.8	86.5	83.8	90.3	68.1	79.2	100	57	59	58	57	72	40	45	.502	.485	.472	5.32	1.79	.0	4.8	4.6	5.7	4.7
September	26.34	26.57	26.13	57.2	74.2	71.8	79.3	55.8	67.6	91	34	50	52	50	79	51	51	.380	.400	.376	2.03	1.35	.0	3.9	4.1	3.9	4.0
October	26.33	26.78	25.98	51.6	68.1	66.1	74.4	49.3	61.8	89	32	42	43	41	72	43	44	.280	.284	.265	.87	.46	T	5.2	4.0	3.7	4.3
November	26.32	26.67	25.81	36.9	53.1	47.9	58.8	33.7	46.2	81	22	30	33	33	77	51	60	.179	.198	.196	1.27	1.18	T	4.6	3.9	4.7	4.8
December	26.33	26.72	25.85	31.5	45.0	41.9	49.6	29.4	39.5	65	19	24	26	25	74	50	53	.130	.142	.137	.18	.16	T	4.3	4.4	4.2	4.6
Year	26.27	26.84	25.71	48.9	65.3	64.1	71.0	46.8	58.9	105	−2	38	38	37	69	40	42	.271	.263	.259	15.49	1.79	8.3	4.8	4.4	4.8	4.7

ASHEVILLE, N. C.

[ϕ=35°36′ N.; λ=82°32′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	27.77	28.14	27.34	36.1	43.7	41.2	49.0	31.4	40.2	66	10	30	30	30	78	61	65	0.183	0.186	0.188	4.68	3.79	0.1	7.6	6.3	5.6	6.8
February	27.70	28.13	27.25	33.5	44.2	41.3	51.2	29.5	40.4	71	13	28	28	29	79	58	64	.157	.168	.174	2.05	.90	T	6.4	5.8	5.1	6.1
March	27.74	28.13	27.10	45.0	58.9	53.9	64.2	40.7	52.4	80	19	40	43	42	84	58	68	.258	.291	.290	3.34	1.43	T	6.2	6.5	5.8	7.2
April	27.58	27.86	27.30	49.0	59.9	56.1	64.7	44.7	54.7	82	30	44	46	46	83	63	70	.299	.321	.316	3.68	1.83	T	6.2	6.3	6.6	6.2
May	27.70	27.92	27.35	58.3	71.1	65.4	75.4	52.4	63.9	88	38	53	52	53	82	54	66	.404	.401	.413	3.06	.65	.0	5.4	5.8	6.9	6.5
June	27.70	27.90	27.42	64.0	77.3	71.8	81.3	58.4	69.8	89	47	57	55	57	79	47	62	.474	.435	.474	2.36	.70	.0	4.6	6.1	6.8	5.3
July	27.75	28.04	27.46	68.6	80.8	74.5	84.5	64.4	74.4	90	59	65	63	66	87	57	75	.611	.584	.632	6.22	1.48	.0	4.8	6.4	7.8	6.6
August	27.74	27.87	27.60	67.0	80.1	74.5	84.1	63.9	74.0	95	51	63	63	64	87	58	71	.585	.578	.605	3.05	.63	.0	4.6	5.7	6.8	5.5
September	27.75	28.00	27.40	59.6	75.1	68.8	78.9	57.1	68.0	88	42	57	56	59	91	54	71	.473	.462	.504	3.85	3.46	.0	5.0	4.8	5.1	5.5
October	27.86	28.15	27.43	47.3	67.5	60.5	72.1	43.5	57.8	82	27	42	42	44	82	42	57	.279	.286	.307	1.93	1.77	.0	4.5	3.8	3.4	4.0
November	27.75	28.09	27.40	44.5	54.7	50.3	58.0	41.1	49.6	76	18	39	39	39	82	58	67	.264	.265	.288	3.46	2.16	T	6.1	5.8	6.4	6.3
December	27.70	28.16	27.37	25.7	35.9	32.5	39.7	21.7	30.7	58	5	21	21	20	82	56	60	.122	.120	.117	1.38	.64	6.6	6.8	6.6	5.5	6.2
Year	27.73	28.16	27.10	49.9	62.4	57.6	66.9	45.7	56.3	95	5	45	45	46	83	56	66	.343	.342	.357	39.06	3.79	6.7	5.7	5.8	6.0	6.0

ATLANTA, GA.

[ϕ=33°39′ N.; λ=84°26′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.11	29.46	28.66	38.5	48.3	45.6	52.5	35.5	44.0	73	16	33	34	35	80	60	68	0.206	0.219	0.221	1.93	1.13	0.4	5.7	5.9	5.4	6.0
February	29.07	29.52	28.65	38.1	49.0	46.3	54.5	35.5	45.0	72	18	33	35	35	80	60	66	.197	.219	.218	4.37	1.30	T	6.3	4.6	3.9	5.3
March	29.07	29.42	28.40	50.7	63.6	60.2	69.4	45.9	57.6	84	23	46	49	47	84	61	64	.339	.373	.340	5.23	2.03	.0	7.6	6.5	5.5	6.3
April	28.90	29.13	28.63	55.2	65.9	62.5	70.8	51.6	61.2	85	39	50	50	51	83	60	68	.381	.382	.392	4.27	1.29	.0	6.5	6.8	6.1	7.1
May	28.99	29.20	28.69	65.0	77.7	73.2	82.2	58.7	70.4	89	44	58	57	59	81	51	62	.500	.482	.503	3.30	1.23	.0	6.6	5.7	6.2	5.4
June	28.98	29.10	28.70	71.1	83.4	78.8	87.6	65.0	76.3	95	55	62	60	62	75	47	58	.576	.540	.565	2.33	.96	.0	5.2	6.1	5.2	6.3
July	29.00	29.27	28.72	73.9	85.4	80.4	89.6	69.8	79.7	96	66	70	68	70	86	58	71	.721	.694	.721	4.00	.94	.0	7.3	6.7	7.0	7.0
August	28.98	29.12	28.78	73.7	85.5	79.6	89.3	70.4	79.8	101	60	69	68	69	85	57	71	.714	.691	.710	3.37	1.14	.0	5.7	6.4	6.2	6.5
September	29.00	29.25	28.64	66.3	79.9	74.1	83.9	62.9	73.4	94	52	62	60	63	86	53	70	.557	.537	.589	2.68	2.04	.0	3.8	4.4	3.8	4.4
October	29.14	29.47	28.76	54.5	71.8	63.4	76.4	51.3	63.8	86	36	48	49	51	81	46	67	.357	.368	.397	2.26	1.10	.0	5.1	4.6	2.9	4.5
November	29.07	29.48	28.73	47.3	60.0	54.1	63.5	44.2	53.8	81	21	44	45	46	89	60	76	.324	.335	.346	5.61	4.11	.0	5.2	5.4	3.9	5.1
December	29.08	29.48	28.63	30.6	40.2	37.6	44.0	28.5	36.2	62	12	25	28	28	78	63	67	.141	.161	.160	3.06	2.12	.4	5.0	5.9	4.6	5.4
Year	29.03	29.52	28.40	55.4	67.6	63.0	72.0	51.6	61.8	101	12	50	50	51	82	56	67	.418	.417	.430	42.41	4.11	.8	5.8	5.8	5.1	5.8

ATLANTIC CITY, N. J.

[ϕ=39°22′ N.; λ=74°25′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.12	30.73	29.49	29.4	34.7	33.1	39.7	24.9	32.3	58	1	23	25	26	76	68	73	0.146	0.156	0.160	5.04	2.22	4.2	7.0	6.9	4.8	6.9
February	30.00	30.67	29.44	30.8	37.6	35.3	41.2	27.1	34.2	57	7	25	27	27	78	67	72	.144	.154	.154	3.08	.93	2.8	6.5	6.4	5.3	6.4
March	30.03	30.66	29.35	41.8	46.5	44.1	51.6	37.6	44.6	75	23	34	35	36	74	68	75	.203	.212	.221	2.31	.78	T	7.5	7.1	6.5	7.2
April	29.83	30.15	29.36	47.2	51.4	48.1	54.5	42.4	48.4	82	31	41	40	40	79	67	76	.260	.248	.250	2.93	1.41	T	7.3	7.2	6.9	7.2
May	29.94	30.34	29.56	56.0	58.7	57.2	63.5	50.2	56.8	74	44	47	48	48	74	69	74	.334	.337	.344	2.14	.43	.0	6.1	7.0	7.1	6.7
June	29.90	30.22	29.51	66.8	69.4	66.9	74.7	61.3	68.0	89	52	61	61	61	82	77	83	.536	.546	.544	7.57	4.22	.0	6.3	7.0	7.1	6.8
July	29.95	30.34	29.66	74.6	77.4	74.1	80.6	69.8	75.2	90	62	68	68	68	80	75	83	.687	.703	.700	.70	.42	.0	5.9	6.8	7.8	6.7
August	29.96	30.22	29.66	72.8	76.6	74.1	79.5	68.6	74.0	91	56	66	65	66	80	69	76	.651	.638	.646	2.31	.86	.0	6.2	6.5	6.9	6.5
September	30.00	30.31	29.41	63.9	70.0	67.2	72.8	59.8	66.3	83	41	59	58	59	83	68	75	.512	.509	.510	14.73	9.13	.0	6.2	6.2	4.2	6.1
October	30.14	30.51	29.60	53.9	61.3	58.4	64.3	50.1	57.2	74	38	48	48	50	80	64	75	.346	.354	.378	3.58	1.53	T	4.8	4.3	3.4	4.5
November	30.03	30.31	29.48	48.6	52.9	51.0	55.6	45.0	50.3	67	27	44	45	45	86	77	81	.317	.328	.324	7.27	4.88	1.1	7.8	8.3	7.3	8.2
December	29.97	30.60	29.43	30.3	35.5	33.5	38.4	26.5	32.4	60	9	24	24	24	76	63	67	.141	.143	.140	3.38	1.45	17.5	7.8	7.8	5.3	7.8
Year	29.99	30.73	29.35	51.3	56.0	53.6	59.7	46.9	53.3	91	1	45	45	46	79	69	76	.356	.361	.364	55.04	9.13	25.6	6.6	6.8	6.0	6.8

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

AMARILLO, TEX.

[H=3,657 ft.; H_b=3,676 ft.; h_t=10 ft.; h_r=3 ft.; h_a=49 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	9.2	SW.	29	W.	0	2	5	2	6	12	18	11	6	0	14	8	9	2	2	1	0	0	2	0	1	0	12	1	0
February	9.5	SW.	27	N.	0	6	8	5	3	8	11	12	3	0	12	7	9	1	1	3	1	0	4	4	1	0	14	0	0
March	11.3	SW.	29	SW.	0	4	4	3	9	7	20	12	3	0	10	8	13	4	3	2	1	1	0	0	0	0	4	1	0
April	11.1	SE.	27	N.	0	7	12	2	9	8	11	9	2	0	7	11	12	2	1	0	0	0	1	0	0	0	2	1	0
May	10.7	SE.	27	SE.	0	8	9	5	15	5	8	6	6	0	7	9	15	12	8	2	1	0	2	0	0	1	1	8	0
June	10.4	S.	24	SE.	0	1	5	2	18	13	14	2	5	0	14	13	3	4	2	0	0	0	0	0	0	12	0	2	0
July	9.2	S.	23	SE.	0	0	3	0	18	25	14	1	1	0	18	11	2	4	3	0	0	0	0	0	0	19	0	5	0
August	8.4	S.	28	NE.	0	1	2	4	12	21	16	4	2	0	9	16	6	10	6	0	0	0	2	1	0	21	0	9	0
September	8.7	S.	24	NE.	0	5	6	1	10	19	13	5	1	0	16	5	9	6	4	0	0	0	2	1	0	3	0	3	0
October	9.5	S.	23	SE.	0	6	14	1	7	14	11	7	2	0	16	6	9	6	4	1	0	2	3	0	0	0	0	6	0
November	9.6	S.	31	W.	0	10	5	3	7	16	8	6	5	0	11	11	8	2	2	1	0	0	9	5	0	0	13	0	0
December	8.4	W.	22	W.	0	10	7	1	8	12	7	11	6	0	12	11	8	3	1	1	0	0	5	2	0	0	22	0	0
Year	9.7	S.	31	W.	0	60	80	29	122	160	151	86	42	0	146	116	103	56	37	11	3	3	30	13	2	56	68	36	0

ASHEVILLE, N. C.

[H=2,192 ft.; H_b=2,253 ft.; h_t=89 ft.; h_r=87 ft.; h_a=104 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.9	NW.	27	E.	0	10	1	0	16	16	1	0	17	1	6	10	15	12	6	3	1	0	5	0	1	0	18	1	0
February	10.0	NW.	29	NW.	0	7	1	2	11	7	1	1	24	2	9	7	12	8	6	6	0	0	6	3	1	0	16	0	0
March	9.6	SE.	32	NW.	1	13	5	2	21	7	2	3	9	0	5	8	18	16	13	1	0	1	8	4	0	0	7	4	0
April	8.9	NW.	30	NW.	0	16	0	3	13	3	2	3	18	2	8	10	12	12	10	1	0	0	2	0	0	0	1	5	0
May	7.5	SE.	22	S.	0	10	0	4	14	10	4	4	13	3	6	12	13	13	10	0	0	1	5	2	0	0	0	7	0
June	6.7	NW.	30	W.	0	6	2	0	11	11	7	1	21	1	8	14	8	14	8	0	0	0	0	0	0	0	0	9	0
July	6.3	S.	22	E.	0	10	1	6	10	15	1	4	13	2	2	19	10	17	16	0	0	0	7	3	0	0	0	14	0
August	6.8	SE.	28	NW.	0	10	2	4	25	10	3	1	5	2	10	12	9	14	12	0	0	0	12	2	0	6	0	10	0
September	6.5	SE.	21	S.	0	12	2	3	22	9	2	1	7	2	11	7	12	3	3	0	0	0	12	6	0	0	0	2	0
October	6.8	S.	27	SE.	0	11	1	2	18	9	4	0	9	8	15	11	5	4	2	0	0	0	4	2	0	0	2	0	0
November	9.3	NW.	24	NW.	0	6	0	4	16	10	1	0	21	2	8	7	15	9	9	2	0	0	2	2	0	0	8	1	0
December	10.9	NW.	34	NW.	1	12	0	0	12	9	0	0	28	1	9	8	14	7	5	17	5	0	1	1	10	0	24	0	0
Year	8.3	NW.	34	NW.	2	123	15	30	189	116	28	18	185	26	97	125	143	129	100	30	6	2	64	25	12	6	76	53	0

ATLANTA, GA.

[H=975 ft.; H_b=976 ft.; h_t=5 ft.; h_r=38 ft.; h_a=53 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.0	NW.	34	NW.	1	5	12	10	1	3	7	6	17	1	9	7	15	10	7	1	1	0	8	3	1	0	12	1	0
February	10.6	NW.	34	NW.	3	7	7	8	1	4	4	6	19	0	9	9	10	9	7	1	0	0	6	4	1	0	9	3	0
March	9.5	S.	35	NW.	1	3	2	7	5	13	10	8	10	4	8	7	16	13	12	0	0	0	6	1	0	0	2	6	0
April	8.5	NW.	27	NW.	0	4	5	4	4	9	3	13	16	2	5	7	18	16	12	0	0	0	11	4	0	0	0	8	0
May	6.9	S.	33	SW.	1	9	4	4	7	12	9	5	12	0	7	14	10	11	10	0	0	1	8	2	0	0	0	10	0
June	7.2	NW.	30	SW.	0	11	5	1	7	9	9	9	9	0	6	13	11	12	9	0	0	0	1	0	0	11	0	8	0
July	6.5	E.	33	S.	1	5	6	11	8	11	5	6	10	0	3	14	14	14	11	0	0	0	6	3	0	16	0	9	0
August	6.6	NE.	43	NE.	1	11	10	14	5	10	4	4	3	1	6	12	13	12	10	0	0	0	8	1	0	13	0	6	0
September	6.9	NE.	27	NW.	0	12	21	4	6	3	1	3	8	2	14	8	8	5	3	0	0	0	4	0	0	5	0	1	0
October	6.5	NE.	25	SW.	0	13	15	9	6	7	3	2	4	3	13	13	5	5	4	0	0	0	3	1	0	0	0	1	0
November	8.0	NW.	25	NW.	0	15	2	10	5	4	2	7	14	1	12	6	12	8	5	0	0	0	13	3	0	0	5	2	0
December	10.2	NW.	31	NW.	0	8	2	10	0	2	4	10	26	0	11	8	12	6	5	5	3	0	9	2	7	0	22	0	0
Year	8.1	NW.	43	NE.	8	103	91	92	55	87	61	79	148	14	103	118	144	121	95	7	4	1	83	24	9	45	50	55	0

ATLANTIC CITY, N. J.

[H=8 ft.; H_b=52 ft.; h_t=37 ft.; h_r=33 ft.; h_a=172 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	16.3	NW.	43	NE.	6	11	3	3	4	7	6	12	16	0	8	7	16	11	9	7	3	0	10	7	8	0	22	0	0
February	15.8	W.	45	SE.	5	11	5	2	2	6	11	12	7	0	5	11	12	8	7	5	4	0	6	2	4	0	17	0	0
March	17.0	S.	38	NW.	5	7	8	2	7	13	11	8	6	0	5	9	17	15	10	2	2	0	4	0	0	0	7	0	0
April	18.6	NE.	56	NE.	9	7	12	6	4	3	9	8	11	0	3	11	16	12	11	1	0	0	4	1	0	0	1	1	0
May	13.7	S.	31	W.	0	7	7	5	8	11	10	6	8	0	6	9	16	13	10	0	0	0	5	2	0	0	0	3	0
June	13.3	S.	34	E.	2	4	7	7	8	13	8	7	6	0	6	11	13	12	10	0	0	0	14	11	0	0	0	6	0
July	13.6	S.	36	NE.	1	6	7	4	5	20	14	3	3	0	2	17	12	6	3	0	0	0	6	4	0	1	0	4	0
August	13.4	E.	41	NW.	3	10	5	13	9	10	9	4	2	0	7	10	14	7	6	0	0	0	2	0	0	1	0	4	0
September	12.6	S.	54	NE.	3	6	4	6	5	14	6	12	7	0	8	10	12	9	8	0	0	1	5	1	0	0	0	6	0
October	15.1	S.	38	NE.	3	7	2	4	8	11	9	7	14	0	12	12	7	9	8	1	0	0	2	3	0	0	0	2	0
November	17.7	NW.	66	NE.	5	12	7	3	2	10	3	9	14	0	2	6	22	14	10	2	1	0	7	4	0	0	3	0	0
December	16.6	W.	43	NE.	8	8	4	2	1	0	6	32	9	0	3	7	21	11	9	13	6	0	2	2	11	0	26	0	0
Year	15.3	S.	66	NE.	50	96	71	57	63	118	102	120	103	0	67	120	178	127	101	31	16	1	67	37	23	2	70	26	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

AUGUSTA, GA.

[ϕ=33°28′ N.; λ=81°54′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.97	30.38	29.49	42.1	53.1	51.0	58.1	38.8	48.4	78	20	34	33	35	74	50	56	0.222	0.226	0.231	2.94	1.45	0.5	5.6	5.7	4.3	5.5
February	29.91	30.42	29.39	41.1	54.0	52.9	59.0	37.8	48.4	74	22	34	35	34	77	51	51	.218	.227	.214	1.13	.39	.0	4.5	5.5	4.4	4.9
March	29.91	30.34	29.29	54.1	68.8	66.3	73.7	51.1	62.4	89	28	46	47	47	75	48	53	.335	.357	.348	2.07	1.05	.0	5.3	6.2	3.8	5.5
April	29.72	29.94	29.40	58.8	69.2	67.7	74.3	54.8	64.6	88	42	51	49	50	77	52	57	.399	.367	.379	2.31	.76	.0	6.6	6.1	5.5	6.2
May	29.81	30.06	29.51	68.5	80.4	77.2	84.9	62.5	73.7	96	51	60	56	57	73	45	52	.520	.462	.475	2.93	1.42	.0	5.9	4.9	4.5	5.4
June	29.78	29.98	29.54	75.0	87.1	82.0	90.7	69.1	79.9	98	62	65	60	62	71	42	54	.618	.539	.575	2.71	.90	.0	4.3	5.3	5.8	5.5
July	29.82	30.10	29.48	76.6	85.9	80.6	89.8	72.2	81.0	95	69	72	70	70	85	60	72	.777	.732	.744	5.85	1.90	.0	7.4	7.3	6.3	7.2
August	29.79	29.92	29.64	76.4	86.8	82.5	90.3	72.5	81.4	101	63	70	68	69	82	55	65	.745	.681	.710	7.18	3.73	.0	5.6	6.1	4.1	5.8
September	29.81	30.08	29.14	69.6	80.9	75.4	84.3	66.0	75.2	92	57	64	62	66	83	55	73	.590	.573	.637	5.46	1.77	.0	4.8	4.5	3.9	5.0
October	29.98	30.29	29.57	57.5	74.6	67.9	78.5	53.4	66.0	88	39	51	50	53	81	44	60	.397	.388	.422	.09	.06	.0	4.4	4.0	1.5	4.3
November	29.90	30.33	29.62	50.8	63.6	59.1	67.5	47.0	57.7	83	25	47	45	48	86	55	67	.357	.345	.364	3.10	2.25	.0	4.7	4.7	4.5	5.3
December	29.92	30.37	29.36	34.2	45.2	42.9	49.2	32.1	40.6	68	18	28	27	28	76	52	59	.162	.162	.170	3.27	1.66	2.6	4.4	4.4	4.1	4.8
Year	29.86	30.42	29.14	58.7	70.8	67.1	75.0	54.8	64.9	101	18	52	50	52	78	51	60	.445	.422	.439	39.04	3.73	3.1	5.3	5.4	4.4	5.4

AUSTIN, TEX.

[ϕ=30°17′ N.; λ=97°44′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.49	29.89	29.08	47.4	60.0	59.2	65.1	44.3	54.7	82	18	43	43	45	84	56	60	0.313	0.314	0.326	1.61	1.25	0.0	6.3	5.4	4.1	5.8
February	29.49	29.97	29.03	46.2	59.4	59.7	65.6	43.6	54.6	78	23	40	39	40	80	51	53	.271	.264	.278	3.86	1.36	.0	5.2	3.6	4.0	4.4
March	29.33	29.74	28.95	58.6	71.7	71.1	76.7	56.3	66.5	89	41	52	49	49	79	48	50	.422	.380	.392	1.02	.56	.0	7.8	5.4	5.3	6.4
April	29.26	29.73	28.95	62.2	73.3	73.7	78.6	59.7	69.2	91	41	54	54	52	78	56	53	.462	.461	.441	1.79	.80	.0	7.3	6.7	5.7	6.8
May	29.26	29.53	28.91	65.5	77.1	76.6	80.9	63.1	72.0	89	47	62	61	63	90	60	63	.576	.559	.579	9.21	2.61	.0	7.5	5.5	4.4	6.0
June	29.28	29.48	29.00	74.3	83.6	83.3	87.9	72.0	80.0	93	66	71	68	70	89	63	65	.755	.700	.729	9.71	4.97	.0	6.0	6.5	4.8	6.0
July	29.34	29.49	29.14	76.1	90.6	88.5	94.2	74.5	84.4	103	69	71	66	68	85	45	53	.764	.645	.685	1.44	.99	.0	4.6	4.0	4.1	4.2
August	29.30	29.50	29.16	75.6	91.3	89.9	95.5	74.5	85.0	102	66	71	66	65	85	44	46	.754	.631	.630	.24	.12	.0	3.2	3.3	3.3	3.3
September	29.33	29.54	29.09	68.6	81.6	79.2	85.5	67.2	76.4	96	53	65	64	65	89	59	65	.635	.623	.641	8.79	2.99	.0	6.1	5.7	5.5	5.6
October	29.42	29.76	29.16	65.1	79.0	76.0	83.1	63.1	73.1	94	46	62	60	60	90	54	61	.573	.535	.536	1.65	.99	.0	5.9	5.0	2.8	5.0
November	29.47	29.79	29.03	52.2	63.6	61.5	67.6	48.9	58.2	83	36	47	46	48	82	57	65	.353	.350	.369	.85	.66	.0	6.6	6.7	6.0	6.7
December	29.51	29.92	29.07	45.3	54.4	53.2	58.0	42.9	50.4	75	30	39	40	42	80	62	68	.257	.267	.285	2.84	.94	.0	7.1	6.8	6.1	6.7
Year	29.37	29.97	28.91	61.4	73.8	72.7	78.2	59.2	68.7	103	18	56	55	56	84	55	58	.511	.477	.491	43.01	4.97	.0	6.1	5.4	4.7	5.6

BAKER, OREG.

[ϕ=44°46′ N.; λ=117°50′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	26.46	27.02	25.88	23.8	32.3	31.4	35.9	19.5	27.7	50	−14	18	22	23	77	65	70	0.103	0.124	0.130	0.27	0.08	2.7	5.9	6.4	7.7	6.8
February	26.60	27.09	26.04	26.5	36.2	36.4	39.8	23.9	31.8	49	14	22	27	28	83	68	69	.118	.146	.148	.49	.23	4.0	5.5	6.2	6.7	6.1
March	26.35	26.70	25.93	28.1	39.8	40.1	44.0	23.6	33.8	63	7	22	25	25	78	56	54	.121	.137	.133	.94	.49	7.8	6.0	7.0	6.6	6.5
April	26.37	26.73	25.73	34.3	48.9	51.1	53.6	32.2	42.9	67	18	29	28	29	80	48	45	.158	.157	.161	2.08	.94	5.2	5.6	5.8	6.0	5.7
May	26.43	26.80	26.05	38.4	59.6	61.7	64.0	36.8	50.4	80	27	29	30	32	68	34	35	.162	.172	.188	.63	.29	T	3.5	4.4	5.0	4.4
June	26.44	26.71	26.12	46.6	67.9	71.3	73.9	43.8	58.8	88	36	37	41	41	70	40	36	.225	.264	.263	.53	.24	.0	4.4	5.4	5.9	5.4
July	26.45	26.73	26.23	52.3	76.0	80.4	82.7	50.8	66.8	101	37	39	41	39	63	30	26	.242	.258	.247	.26	.18	.0	2.4	2.7	3.3	2.7
August	26.45	26.72	26.23	50.4	74.9	80.6	83.0	47.9	65.4	100	35	34	39	37	54	29	22	.195	.238	.226	.12	.10	.0	2.1	1.6	2.4	2.1
September	26.47	26.75	26.17	46.5	73.5	77.0	79.5	43.2	61.4	90	32	29	36	34	50	26	22	.161	.214	.199	T	T	.0	1.7	2.3	3.1	2.8
October	26.52	27.03	25.98	36.0	55.6	54.8	60.6	32.3	46.4	82	14	26	31	30	69	41	42	.153	.181	.178	.40	.10	3.6	4.2	4.4	5.1	4.9
November	26.60	26.92	26.08	25.1	36.9	35.8	40.9	21.2	31.0	54	3	20	25	25	78	61	64	.110	.137	.136	.31	.12	2.6	4.7	4.4	4.7	5.4
December	26.57	26.96	25.97	22.8	33.4	30.9	37.3	18.9	28.1	46	5	18	23	23	78	65	72	.100	.123	.126	.37	.16	4.1	5.1	4.9	4.7	5.1
Year	26.48	27.09	25.73	35.9	52.9	54.3	57.9	32.8	45.4	101	−14	27	31	30	71	47	46	.154	.179	.178	6.40	.94	30.0	4.3	4.6	5.1	4.8

BALTIMORE, MD.

[ϕ=39°17′ N.; λ=76°37′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.05	30.62	29.41	28.9	34.5	34.3	40.4	26.0	33.2	62	2	21	23	24	71	64	66	0.133	0.146	0.150	4.79	1.93	18.7	6.6	5.8	5.0	6.0
February	29.93	30.59	29.38	30.9	38.3	37.1	42.9	27.2	35.0	68	8	23	27	27	72	63	67	.136	.154	.153	2.74	1.13	8.1	6.8	5.4	3.4	5.9
March	29.95	30.59	29.35	44.2	52.8	50.8	58.7	40.1	49.4	81	24	34	38	38	69	60	63	.212	.239	.238	2.82	1.53	1.3	7.1	6.3	5.2	6.6
April	29.78	30.10	29.31	48.7	56.4	54.8	60.1	45.1	52.6	91	32	36	37	38	63	52	58	.215	.224	.235	5.12	2.84	1.0	6.9	5.9	5.6	6.5
May	29.88	30.22	29.49	58.8	66.3	64.9	70.6	53.9	62.2	89	46	44	44	47	61	48	54	.308	.302	.332	4.51	3.25	.0	6.3	6.7	5.0	6.1
June	29.81	30.15	29.43	70.9	79.0	75.6	82.5	64.6	73.6	94	59	59	57	59	68	50	59	.516	.488	.518	5.01	2.40	.0	4.4	5.8	6.2	5.5
July	29.87	30.26	29.60	76.7	84.4	80.5	87.5	71.3	79.4	95	65	67	66	68	72	54	66	.666	.643	.695	4.55	1.94	.0	4.9	5.2	5.8	5.3
August	29.89	30.15	29.56	73.1	81.0	77.1	84.5	69.1	76.8	95	56	63	61	63	72	54	64	.596	.569	.600	3.97	1.14	.0	6.3	6.5	5.5	5.9
September	29.93	30.23	29.54	63.3	72.1	68.4	75.2	59.4	67.3	90	44	56	56	57	78	59	70	.462	.470	.488	7.59	3.77	.0	6.2	5.6	3.7	5.6
October	30.08	30.46	29.46	53.0	63.8	60.2	67.7	49.3	58.5	82	38	44	43	47	74	50	63	.309	.309	.342	2.63	.99	.0	4.6	4.0	2.7	4.3
November	29.99	30.31	29.52	47.8	54.0	51.2	56.4	44.4	50.4	79	28	41	42	42	77	64	71	.281	.293	.293	5.63	2.59	1.2	6.8	6.9	5.4	6.9
December	29.94	30.58	29.49	29.7	35.4	33.7	38.2	27.3	32.8	62	8	21	22	24	69	59	66	.124	.130	.136	2.16	.63	10.4	7.0	6.4	6.4	6.5
Year	29.92	30.62	29.31	52.2	59.8	57.4	63.7	48.1	55.9	95	2	42	43	44	70	56	64	.330	.331	.348	51.52	3.77	40.7	6.2	6.0	5.0	5.9

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

AUGUSTA, GA.

[H=134 ft.; H_b=180 ft.; h_i=62 ft.; h_r=54 ft.; h_a=77 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	6.6	NE.	21	S.	0	5	21	4	4	3	4	8	7	6	11	6	14	8	7	1	1	0	3	2	0	0	10	1	0
February	6.6	NW.	20	NW.	0	6	7	3	2	5	5	8	15	5	13	4	11	7	6	0	0	0	4	2	0	0	6	2	0
March	7.0	S.	25	W.	0	2	7	2	7	15	7	10	11	1	9	8	14	7	5	0	0	0	3	1	0	0	1	3	0
April	6.3	NW.	23	W.	0	2	7	7	2	3	4	11	14	10	8	8	14	11	9	0	0	0	1	0	0	0	0	5	0
May	6.1	NW.	21	N.	0	6	8	4	10	11	3	5	11	4	7	16	8	6	4	0	0	0	1	0	0	5	0	3	0
June	6.0	NW.	24	SW.	0	0	5	3	11	12	5	8	16	0	7	15	8	11	9	0	0	0	0	0	0	20	0	12	0
July	5.5	S.	27	SE.	0	4	7	3	13	20	8	0	5	2	3	14	14	13	12	0	0	0	0	0	0	20	0	11	0
August	5.7	S.	15	NE.	0	2	10	6	16	15	0	4	8	1	5	19	7	10	7	0	0	0	2	0	0	17	0	6	0
September	5.6	NE.	22	NE.	0	9	23	9	1	3	4	1	7	3	13	7	10	9	9	0	0	1	1	0	0	6	0	4	0
October	4.9	NE.	24	N.	0	6	22	4	7	3	2	1	9	8	13	8	10	3	1	0	0	0	4	3	0	0	0	0	0
November	5.4	NW.	17	W.	0	7	10	1	8	1	2	4	14	13	11	9	10	8	5	0	0	0	8	7	0	0	4	2	0
December	6.2	NW.	21	W.	0	4	9	1	2	1	9	5	27	4	14	7	10	7	6	2	1	0	0	0	0	0	19	0	0
Year	6.0	NW.	27	SE.	0	53	136	47	83	92	53	65	144	57	114	121	130	100	80	3	2	1	27	15	0	68	40	49	0

AUSTIN, TEX.

[H=489 ft.; H_b=605 ft.; h_i=136 ft.; h_r=129 ft.; h_a=148 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.7	S.	32	N.	1	10	9	5	10	11	5	0	8	1	11	5	15	6	4	0	0	0	10	2	0	0	5	1	0
February	9.0	N.	32	N.	1	14	9	3	11	5	3	4	7	0	16	1	11	7	6	0	0	0	9	2	0	0	4	1	0
March	10.6	S.	30	NW.	0	7	5	4	21	18	2	3	1	1	5	11	15	7	5	0	0	0	5	1	0	0	0	3	0
April	9.3	SE.	26	N.	0	13	6	3	23	9	0	1	5	0	7	8	15	8	8	0	0	2	9	0	0	2	0	7	0
May	9.0	SE.	44	NW.	1	5	10	4	28	7	1	1	6	0	8	12	11	16	12	0	0	1	5	0	0	0	0	15	0
June	8.1	SE.	26	S.	0	3	4	5	35	11	2	0	0	0	5	14	11	12	10	0	0	0	3	0	0	12	0	8	0
July	6.4	SE.	29	SE.	0	4	2	11	30	10	0	1	3	1	12	14	5	6	4	0	0	0	3	0	0	30	0	6	0
August	6.9	SE.	22	SE.	0	2	3	14	26	8	3	0	2	4	18	11	2	5	2	0	0	0	0	0	0	30	0	5	0
September	6.2	E.	25	SW.	0	14	8	17	13	1	1	0	3	3	9	9	12	11	9	0	0	0	1	0	0	7	0	4	0
October	7.0	SE.	21	S.	0	8	5	4	25	11	3	2	3	1	10	15	6	4	4	0	0	0	10	2	0	1	0	0	0
November	7.8	N.	29	S.	0	14	12	9	9	5	1	2	8	0	8	3	19	5	3	0	0	0	8	1	0	0	0	1	0
December	7.1	N.	25	N.	0	17	16	4	8	6	1	2	5	3	7	6	18	12	8	0	0	0	10	2	0	0	2	0	0
Year	7.9	SE.	44	NW.	3	111	89	83	239	105	22	16	51	14	116	109	140	99	75	0	0	3	73	10	0	82	11	51	0

BAKER, OREG.

[H=3,445 ft.; H_b=3,471 ft.; h_i=48 ft.; h_r=44 ft.; h_a=53 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.2	SE.	22	SE.	0	3	3	4	38	6	2	4	2	0	3	13	15	9	2	13	8	0	3	0	7	0	28	0	0
February	7.1	SE.	20	NW.	0	3	2	1	39	0	0	6	5	0	8	8	12	6	5	12	5	0	5	1	2	0	27	0	0
March	6.8	SE.	27	SW.	0	9	1	3	26	5	7	8	3	0	6	11	14	11	6	19	10	0	5	0	0	0	29	0	0
April	6.8	SE.	24	SW.	0	16	3	3	90	5	6	5	3	0	9	9	12	14	10	10	5	1	4	0	0	0	16	2	0
May	6.9	N.	20	NW.	0	21	2	4	20	3	0	5	7	0	14	10	7	7	5	1	0	0	0	0	0	0	8	3	0
June	5.8	N.	19	N.	0	21	2	2	24	5	0	2	4	0	8	15	7	5	5	0	0	0	0	0	0	0	0	1	0
July	6.0	N.	32	W.	1	14	3	3	20	9	3	2	8	0	21	7	3	3	2	0	0	1	0	0	0	7	0	4	0
August	5.9	N.	17	N.	0	19	0	2	16	16	0	3	6	0	25	3	3	2	1	0	0	0	0	0	0	6	0	1	0
September	6.5	SE.	25	SW.	0	14	2	1	24	11	3	1	4	0	20	7	3	0	0	0	0	0	0	0	0	1	1	0	0
October	6.1	SE.	25	SW.	0	12	0	1	22	9	3	5	8	2	13	9	9	8	5	5	4	0	0	0	2	0	16	2	0
November	6.0	SE.	17	N.	0	7	3	1	27	14	2	1	4	1	8	13	9	5	5	8	5	0	5	2	3	0	29	0	0
December	6.5	SE.	17	N.	0	1	1	1	26	24	4	4	1	0	15	2	14	9	4	12	7	0	8	3	3	0	31	0	0
Year	6.5	SE.	32	W.	1	140	22	26	301	107	30	46	55	3	150	107	108	79	50	80	44	2	30	6	17	14	185	13	0

BALTIMORE, MD.

[H=14 ft.; H_b=123 ft.; h_i=100 ft.; h_r=90 ft.; h_a=215 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.4	SW.	40	NW.	3	14	9	3	7	2	14	2	11	0	11	5	15	11	9	12	5	0	10	5	9	0	23	0	0
February	10.7	SW.	35	SW.	1	8	9	4	3	6	15	0	11	0	9	7	12	9	8	8	6	0	12	0	4	0	20	0	0
March	11.0	SW.	32	NW.	1	6	12	5	7	8	19	0	5	0	9	6	16	15	12	4	3	1	11	0	0	0	6	1	0
April	11.7	NE.	38	NW.	2	10	14	4	3	4	13	2	10	0	7	9	14	10	8	4	1	2	7	0	0	1	1	1	0
May	9.8	SW.	31	SE.	0	8	9	4	3	13	13	2	10	0	8	9	14	14	10	0	0	0	5	0	0	0	0	3	0
June	10.1	SW.	35	SW.	2	7	8	3	6	14	15	4	3	0	9	15	6	13	10	0	0	0	5	1	0	5	0	9	0
July	9.6	SW.	38	SW.	1	6	10	3	4	17	15	2	5	0	7	18	6	10	9	0	0	0	3	1	0	11	0	13	0
August	9.6	SW.	42	SW.	1	8	14	5	5	12	10	2	6	0	5	17	9	11	8	0	0	2	3	0	0	7	0	5	0
September	8.7	SW.	35	NW.	1	14	8	2	2	12	14	0	8	0	11	9	10	9	8	0	0	0	12	2	0	1	0	1	0
October	9.1	S.	29	NW.	0	15	7	3	3	13	11	4	6	0	16	6	9	8	7	0	0	0	11	2	0	0	0	1	0
November	11.3	N.	30	NW.	0	14	13	2	4	8	8	1	10	0	7	4	19	11	10	3	2	0	17	2	0	0	2	0	0
December	11.7	SW.	35	NW.	2	8	9	2	2	5	19	5	12	0	8	6	17	15	9	14	7	0	13	0	10	0	18	0	0
Year	10.3	SW.	42	SW.	14	118	122	40	49	114	166	24	97	0	107	111	147	136	108	45	24	5	109	13	23	25	70	34	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

BINGHAMTON, N. Y.

[ϕ=42°6′ N.; λ=75°55′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.19	29.78	28.53	20.2	25.4	...	30.6	13.8	22.2	54	−13	17	19	...	83	75	...	0.112	0.123	...	2.73	1.16	13.0	7.5	7.7	...	7.5
February	29.08	29.77	28.53	21.1	27.6	...	34.0	15.5	24.8	51	−11	19	20	...	86	71	...	.105	.112	...	1.94	.81	14.3	8.2	8.0	...	8.1
March	29.11	29.76	28.49	32.6	41.2	...	46.7	26.8	36.8	71	2	26	28	...	77	60	...	.147	.161	...	2.37	.63	10.8	7.1	7.4	...	7.2
April	28.98	29.29	28.53	38.7	48.5	...	52.1	34.1	43.1	86	26	32	33	...	78	58	...	.187	.190	...	3.29	.93	5.7	6.6	8.2	...	7.9
May	29.07	29.38	28.65	48.7	59.3	...	63.1	41.4	52.2	81	32	40	40	...	71	52	...	.253	.262	...	1.91	.92	T	6.0	7.6	...	7.1
June	29.02	29.33	28.55	62.1	72.0	...	76.1	54.7	65.4	88	45	55	55	...	78	58	...	.442	.448	...	3.71	.79	.0	6.7	6.6	...	7.2
July	29.09	29.41	28.80	68.8	80.0	...	84.2	63.0	73.6	93	50	63	63	...	83	59	...	.585	.592	...	3.89	1.06	.0	6.8	6.8	...	6.9
August	29.11	29.38	28.73	62.9	75.2	...	78.7	58.3	68.5	90	43	59	60	...	86	59	...	.506	.524	...	3.21	.96	.0	5.9	6.8	...	6.8
September	29.13	29.41	28.67	52.6	64.6	...	68.4	48.6	58.5	84	35	49	52	...	89	66	...	.391	.406	...	1.85	.67	.0	5.9	7.0	...	7.4
October	29.25	29.65	28.53	45.5	58.8	...	63.8	38.8	51.3	80	25	39	41	...	80	55	...	.255	.270	...	2.98	1.35	.0	5.5	6.0	...	6.2
November	29.19	29.57	28.69	39.6	46.1	...	48.6	35.4	42.0	74	18	35	36	...	85	70	...	.211	.232	...	5.38	2.81	9.0	8.4	8.5	...	8.8
December	29.06	29.75	28.61	21.8	25.9	...	28.7	18.4	23.6	48	−5	20	21	...	91	80	...	.113	.119	...	1.88	.97	8.1	9.3	8.9	...	9.3
Year	29.11	29.78	28.49	42.9	52.0	...	56.2	37.4	46.8	93	−13	38	39	...	82	64	...	.273	.287	...	35.08	2.81	60.9	7.0	7.5	...	7.5

BIRMINGHAM, ALA.

[ϕ=33°32′ N.; λ=86°50′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.39	29.72	28.94	41.3	50.3	48.6	55.9	37.0	46.4	73	15	35	36	36	79	60	62	0.231	0.237	0.236	1.98	1.13	0.5	6.0	6.2	4.4	6.1
February	29.35	29.85	28.98	41.1	51.8	50.3	57.1	39.0	48.6	72	19	35	36	36	78	59	62	.215	.236	.240	5.28	2.16	T	6.0	5.4	4.6	5.6
March	29.32	29.70	28.79	54.0	65.0	64.3	71.2	51.1	61.2	85	32	48	48	48	82	57	58	.362	.353	.359	11.22	2.65	T	7.1	6.0	4.8	6.2
April	29.17	29.48	28.86	57.1	68.5	65.1	72.6	53.8	63.2	85	38	52	52	51	83	58	63	.405	.410	.397	4.78	1.92	.0	6.3	6.1	5.1	6.0
May	29.24	29.45	28.90	66.1	78.5	73.9	81.8	62.2	72.0	91	48	60	60	61	83	55	66	.538	.537	.550	4.66	1.76	.0	4.6	5.6	6.3	5.6
June	29.23	29.39	28.95	70.9	82.6	77.4	85.9	65.9	75.9	92	54	65	65	64	82	57	65	.622	.622	.607	6.74	2.16	.0	5.6	6.1	5.5	5.5
July	29.25	29.48	29.06	74.7	87.5	83.2	92.5	71.4	82.0	99	66	70	69	68	85	56	63	.730	.720	.698	1.77	.85	.0	4.2	5.8	5.4	5.3
August	29.22	29.39	29.06	74.2	87.5	82.0	92.9	71.6	82.2	104	58	69	70	67	85	58	64	.723	.728	.681	3.41	1.18	.0	3.5	6.5	5.4	5.2
September	29.25	29.47	28.98	67.3	84.5	77.1	88.0	64.8	76.4	96	51	61	61	61	81	48	59	.546	.556	.548	2.28	1.85	.0	3.5	4.5	3.6	3.9
October	29.38	29.68	29.02	58.6	75.7	68.8	80.2	55.9	68.0	89	44	49	50	48	71	43	50	.374	.385	.364	2.59	2.03	.0	4.4	4.0	2.1	3.6
November	29.35	29.74	29.04	48.7	60.2	54.9	63.9	45.2	54.6	84	25	44	44	44	84	59	70	.320	.327	.321	5.87	4.24	.0	6.2	5.6	3.8	5.4
December	29.38	29.75	28.92	33.2	43.3	40.5	47.0	30.7	38.8	65	13	27	28	28	77	56	62	.157	.166	.166	4.10	2.06	1.0	5.5	5.1	4.8	5.4
Year	29.30	29.85	28.79	57.3	69.6	65.5	74.1	54.0	64.1	104	13	51	52	51	81	56	62	.435	.440	.431	54.68	4.24	1.5	5.2	5.6	4.6	5.3

BISMARCK, N. DAK.

[ϕ=46°48′ N.; λ=100°48′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.30	28.87	27.69	4.0	12.0	11.3	19.4	−2.1	8.6	47	−32	−2	4	4	74	68	70	0.049	0.067	0.066	0.04	0.02	0.6	4.6	7.3	6.4	6.5
February	28.29	28.66	27.78	21.5	32.4	31.3	38.3	17.0	27.6	58	−5	18	21	22	86	63	68	.105	.120	.123	.29	.25	3.9	4.4	5.3	5.9	5.1
March	28.06	28.53	27.49	22.0	31.9	31.7	38.3	16.9	27.6	72	−17	18	20	21	82	62	64	.108	.118	.117	.99	.35	9.0	5.5	6.7	6.4	5.9
April	28.21	28.68	27.74	32.8	44.8	44.3	49.2	31.2	40.2	72	13	28	28	30	83	54	59	.161	.162	.176	3.03	1.12	5.4	6.8	7.2	6.1	6.7
May	28.25	28.66	27.90	44.2	54.9	55.2	58.9	41.3	50.1	74	32	38	38	37	80	57	55	.229	.231	.226	2.25	.87	1.8	7.0	8.6	7.1	7.3
June	28.07	28.33	27.54	54.9	66.9	69.0	72.2	52.1	62.2	87	37	49	48	49	81	54	52	.362	.359	.369	2.82	.94	.0	5.9	7.0	6.2	5.7
July	28.14	28.48	27.93	66.7	82.0	84.3	88.1	63.5	75.8	100	52	61	62	63	83	53	51	.543	.571	.594	5.46	1.81	.0	3.9	4.0	3.3	3.2
August	28.15	28.47	27.64	57.8	74.7	77.0	81.7	54.2	68.0	104	33	50	51	49	77	46	40	.382	.396	.359	1.14	.48	.0	4.1	4.7	3.8	4.1
September	28.19	28.67	27.80	47.6	69.1	67.4	74.6	45.9	60.2	98	27	39	39	40	73	37	40	.240	.248	.258	.38	.24	.0	4.1	5.9	5.1	4.8
October	28.23	28.70	27.65	33.4	52.7	50.6	58.9	29.9	44.4	83	8	24	26	27	67	38	43	.131	.145	.155	T	T	.2	4.3	4.9	5.1	4.5
November	28.27	28.85	27.79	17.9	24.8	23.5	29.8	12.4	21.1	44	−3	15	18	19	87	74	83	.091	.101	.106	.82	.17	8.4	6.9	6.7	7.5	7.1
December	28.27	28.86	27.55	13.4	18.7	17.2	24.9	5.7	15.3	40	−19	10	13	13	86	77	82	.076	.086	.086	.71	.24	9.5	5.5	5.7	5.2	5.6
Year	28.20	28.87	27.49	34.7	47.1	46.9	52.9	30.7	41.8	104	−32	29	31	31	80	57	59	.206	.217	.220	17.93	1.81	38.8	5.3	6.2	5.7	5.5

BLOCK ISLAND, R. I.

[ϕ=41°10′ N.; λ=71°36′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.09	30.79	29.28	26.2	29.2	29.4	36.2	21.5	28.8	53	4	23	24	24	85	81	81	0.141	0.150	0.149	6.14	1.73	19.0	5.8	6.1	5.0	6.3
February	29.99	30.67	29.42	28.7	31.9	31.6	35.9	24.5	30.2	49	11	23	27	26	79	80	78	.132	.151	.143	3.33	1.44	5.9	5.6	5.7	5.0	6.0
March	30.01	30.67	29.36	37.0	40.2	39.1	44.3	33.1	38.7	56	22	30	32	33	78	73	80	.174	.188	.193	2.44	.96	1.5	5.6	5.9	5.2	5.9
April	29.82	30.23	29.33	43.0	47.1	43.6	49.8	38.7	44.2	69	31	37	39	38	81	76	81	.227	.245	.230	3.03	1.32	.4	6.8	5.7	6.7	6.5
May	29.94	30.36	29.48	51.2	55.7	50.7	58.3	46.5	52.4	72	40	44	45	46	78	70	84	.295	.310	.310	1.17	.41	.0	4.6	5.2	6.1	5.6
June	29.92	30.18	29.51	61.5	65.4	60.2	67.9	56.4	62.2	78	50	58	59	57	89	82	91	.484	.510	.473	4.39	1.75	.0	4.8	5.2	5.4	6.8
July	29.97	30.35	29.66	69.3	73.3	68.3	75.5	64.6	70.0	83	57	66	67	66	90	82	92	.645	.671	.640	3.51	1.41	.0	4.7	5.4	5.4	6.3
August	29.99	30.28	29.59	69.4	73.0	68.7	76.1	63.9	70.0	84	55	64	64	64	83	74	86	.605	.607	.608	1.02	.42	.0	4.9	3.8	4.6	4.2
September	30.02	30.34	29.51	61.3	65.0	62.2	67.7	57.5	62.6	74	46	56	57	57	83	76	85	.464	.476	.480	4.72	2.33	.0	5.5	5.5	5.0	5.6
October	30.16	30.51	29.63	53.8	58.0	55.7	60.8	49.4	55.1	69	38	48	49	49	80	72	79	.343	.362	.356	1.58	.63	.0	3.7	3.3	3.1	3.3
November	30.05	30.41	29.40	48.0	49.9	49.0	53.2	44.6	48.9	63	27	45	46	45	88	85	86	.311	.322	.310	3.39	1.11	.8	7.7	7.2	6.1	7.8
December	29.92	30.63	29.35	29.9	32.0	32.0	35.6	26.4	31.0	52	10	24	26	25	79	76	74	.142	.150	.145	1.69	.54	9.2	7.3	6.2	4.6	6.4
Year	29.99	30.79	29.28	48.3	51.7	49.2	55.1	43.9	49.5	84	4	43	45	44	83	77	83	.330	.345	.336	36.41	2.33	36.8	5.6	5.4	5.2	5.9

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

BINGHAMTON, N. Y.

[H=858 ft.; H_b=871 ft.; h_t=57 ft.; h_r=49 ft.; h_a=79 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	7.1	NW.	24	SW.	0	4	4	5	3	2	2	3	7	1	6	4	21	17	8	19	12	0	11	0	16	0	26	0	0
February	6.3	NW.	19	SW.	0	4	6	7	2	0	5	2	2	0	4	3	21	15	8	15	11	0	14	0	12	0	26	0	0
March	6.4	NW.	25	W.	0	1	7	7	1	3	2	4	6	0	6	5	20	16	11	12	6	0	15	1	3	0	19	1	0
April	6.7	NW.	22	NW.	0	2	7	4	2	0	0	5	10	0	4	3	23	16	12	8	7	0	13	3	0	0	11	2	1
May	6.3	NW.	20	NW.	0	6	6	3	1	0	1	4	10	0	4	12	15	12	8	1	1	0	12	2	0	0	1	2	0
June	5.1	NW.	20	SW.	0	4	5	3	3	0	5	5	5	0	2	14	14	14	13	0	0	0	13	3	0	0	0	4	0
July	4.9	E.	32	NE.	1	5	5	8	2	2	2	3	3	1	6	10	15	15	13	0	0	0	18	5	0	4	0	6	0
August	4.9	E.	25	NW.	0	2	11	7	1	1	1	5	3	0	6	6	19	13	11	0	0	2	20	9	0	0	0	4	0
September	5.1	NE.	20	NW.	0	2	11	7	3	0	0	2	3	2	5	6	19	12	9	0	0	0	23	5	0	0	0	1	0
October	6.1	E.	21	SW.	0	3	4	9	2	2	3	3	4	1	8	7	16	11	9	0	0	0	20	3	0	0	7	1	0
November	6.3	NW.	20	SW.	0	6	2	7	2	2	1	4	6	0	1	4	25	12	9	7	1	0	15	0	1	0	12	0	0
December	6.9	NW.	20	NW.	0	6	4	2	0	1	0	11	7	0	1	3	27	18	11	24	12	0	15	0	18	0	25	0	0
Year	6.0	NW.	32	NE.	1	45	72	69	22	13	22	51	66	5	53	77	235	171	122	86	50	2	189	31	50	4	127	21	1

BIRMINGHAM, ALA.

[H=694 ft.; H_b=700 ft.; h_t=11 ft.; h_r=3 ft.; h_a=48 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.8	N.	25	SE.	0	14	3	11	10	3	2	7	11	1	11	5	15	10	5	2	2	0	3	2	2	0	11	1	0
February	8.2	NW.	26	SE.	0	9	4	9	4	6	4	7	13	0	11	4	13	11	10	2	0	0	2	1	0	0	4	4	0
March	9.4	S.	32	S.	1	8	1	2	9	21	12	4	5	0	6	12	13	14	12	1	0	0	1	0	0	0	0	7	0
April	6.8	SW.	30	NW.	0	7	2	3	5	13	9	11	10	0	8	8	14	14	11	0	0	1	2	0	0	0	0	7	0
May	6.6	S.	42	SE.	1	5	4	6	6	18	12	4	7	0	8	13	10	10	7	0	0	1	0	0	0	1	0	8	0
June	5.8	S.	27	S.	0	6	4	3	7	16	15	0	9	0	7	15	8	13	10	0	0	0	0	0	0	5	0	14	0
July	5.9	SE.	18	E.	0	13	7	7	15	10	4	2	3	1	7	17	7	8	5	0	0	0	2	0	0	26	0	10	0
August	5.8	E.	19	SE.	0	6	4	12	13	14	6	3	4	0	10	14	7	13	10	0	0	0	1	0	0	20	0	16	0
September	6.0	NE.	23	N.	0	12	14	12	14	2	3	1	1	1	16	10	4	6	3	0	0	1	0	0	0	14	0	3	0
October	6.3	E.	23	S.	0	12	3	17	10	10	2	4	4	0	15	13	3	3	2	0	0	0	0	0	0	0	0	2	0
November	6.7	N.	26	SE.	0	18	8	2	10	3	1	5	13	0	10	10	10	6	6	0	0	0	3	0	0	0	4	3	0
December	7.6	NW.	27	E.	0	15	4	5	7	10	0	8	13	0	13	5	13	6	5	4	2	0	4	3	1	0	19	0	0
Year	6.9	N.	42	SE.	2	125	58	89	110	126	70	56	93	3	122	126	117	114	86	9	4	3	18	6	3	66	38	75	0

BISMARCK, N. DAK.

[H=1,670 ft.; H_b=1,674 ft.; h_t=8 ft.; h_r=3 ft.; h_a=57 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.2	NW.	36	NW.	1	7	5	5	13	5	1	6	20	0	4	16	11	3	0	15	2	0	5	2	21	0	31	0	0
February	8.4	NW.	32	NW.	2	9	7	6	4	5	2	7	15	1	13	5	10	4	2	8	4	0	4	0	9	0	27	0	0
March	11.2	NW.	38	SW.	1	3	5	4	14	0	4	8	21	3	7	12	12	8	5	18	7	0	3	1	10	0	28	0	1
April	11.4	SE.	35	W.	2	9	10	12	14	0	0	1	12	2	6	11	13	16	12	4	4	2	4	0	3	0	16	2	0
May	10.2	SE.	30	NE.	0	7	13	10	12	4	2	2	11	1	3	11	17	15	11	4	4	0	5	1	0	0	2	2	0
June	10.1	NW.	34	S.	2	3	7	4	13	1	1	8	21	2	7	16	7	11	6	0	0	0	6	1	0	0	0	5	0
July	8.7	E.	40	NW.	1	9	8	14	9	1	2	5	11	3	16	14	1	7	6	0	0	2	3	1	0	11	0	10	1
August	9.3	NW.	30	NW.	0	9	6	10	8	1	4	4	16	4	14	13	4	10	5	0	0	1	3	0	0	7	0	10	1
September	8.9	NW.	31	NW.	0	9	7	9	6	1	2	9	13	4	11	13	6	4	3	0	0	0	4	0	0	2	2	0	3
October	9.4	NW.	30	SE.	0	7	7	7	9	6	3	9	12	2	14	10	7	0	0	3	0	0	3	1	2	0	17	0	0
November	7.5	NW.	23	NW.	0	6	9	6	7	5	1	8	17	1	3	12	15	8	7	16	7	0	9	2	15	0	30	0	0
December	7.5	NW.	38	NW.	1	8	3	12	9	4	1	6	18	1	11	8	12	7	4	14	7	0	14	4	21	0	31	0	0
Year	9.2	NW.	40	NW.	10	86	87	99	118	33	23	73	187	24	109	141	115	93	61	82	35	5	63	13	81	20	184	29	6

BLOCK ISLAND, R. I.

[H=33 ft.; H_b=26 ft.; h_t=11 ft.; h_r=3 ft.; h_a=46 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	18.7	NW.	57	NW.	15	13	2	3	6	5	4	7	20	2	10	5	16	13	12	11	7	0	9	8	12	0	24	0	0
February	16.9	W.	40	E.	11	12	1	5	3	2	9	15	9	0	8	8	12	10	9	10	7	0	9	4	7	0	22	0	0
March	16.6	SW.	46	NW.	7	6	4	3	4	5	15	14	11	0	9	9	13	11	9	3	3	0	13	9	1	0	12	0	0
April	17.3	W.	47	NE.	6	2	11	12	0	3	8	14	10	0	7	10	13	16	11	4	3	0	8	4	0	0	2	1	0
May	13.5	SW.	34	W.	1	6	4	4	2	12	13	13	8	0	11	10	10	11	7	0	0	0	11	8	0	0	0	2	0
June	12.5	SW.	31	NE.	0	6	4	6	3	12	20	6	3	0	5	11	14	11	9	0	0	0	24	11	0	0	0	3	0
July	12.5	SW.	29	E.	0	4	4	4	7	12	20	6	5	0	6	13	12	10	6	0	0	0	25	14	0	0	0	5	0
August	10.8	S.	27	NW.	0	8	5	4	5	14	14	5	6	1	15	10	6	5	5	0	0	0	5	3	0	0	0	3	0
September	13.6	SW.	40	N.	2	10	6	5	2	5	17	8	7	0	8	11	11	9	6	0	0	0	7	1	0	0	0	1	0
October	15.1	SW.	38	N.	6	12	4	3	7	8	16	3	9	0	20	8	2	8	6	0	0	0	7	3	0	0	0	1	0
November	18.8	N.	62	NE.	8	13	16	3	3	10	4	5	6	0	4	3	23	13	9	2	2	0	10	7	0	0	3	0	0
December	19.3	NW.	43	NW.	14	17	2	4	0	2	2	11	24	0	9	6	16	13	9	7	7	0	9	1	12	0	20	0	0
Year	15.5	SW.	62	NE.	70	109	63	56	42	90	142	107	118	3	112	104	149	130	96	37	29	0	137	73	32	0	83	16	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

BOISE, IDAHO

[ϕ=43°37′ N.; λ=116°13′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	27.24	27.83	26.68	27.7	34.0	33.6	37.7	24.2	31.0	53	−6	23	24	25	82	66	72	0.127	0.131	0.139	0.76	0.23	5.2	6.5	7.4	7.0	8.0
February	27.36	27.93	26.85	29.5	36.8	37.2	39.8	26.7	33.2	55	18	25	26	27	84	64	68	.135	.133	.144	1.00	.32	9.9	7.1	7.0	8.0	7.8
March	27.10	27.47	26.64	34.6	44.6	46.0	49.0	30.7	39.8	70	23	26	25	25	72	46	46	.143	.136	.136	.68	.23	2.7	5.8	6.9	6.7	7.1
April	27.07	27.45	26.44	41.6	54.2	56.8	59.4	38.3	48.8	73	31	34	31	32	74	43	41	.197	.175	.179	2.88	.60	T	6.8	6.9	5.8	6.9
May	27.10	27.53	26.76	45.2	64.6	67.0	69.7	43.4	56.6	86	31	34	31	31	68	29	29	.203	.178	.181	1.04	.63	.0	4.4	4.9	5.1	4.7
June	27.10	27.41	26.78	52.9	74.4	78.8	80.5	51.7	66.1	94	42	41	37	36	65	26	22	.262	.222	.214	.06	.06	0	4.1	4.7	5.5	4.8
July	27.10	27.39	26.88	60.7	82.2	87.7	89.3	59.2	74.2	105	40	42	42	40	54	25	20	.274	.272	.252	.03	.03	.0	2.5	1.3	2.4	1.9
August	27.11	27.38	26.85	58.4	81.1	86.9	88.0	56.3	72.2	102	43	38	37	36	47	22	17	.227	.225	.216	T	T	.0	2.1	1.4	1.4	1.3
September	27.15	27.46	26.86	53.6	76.8	80.3	82.6	51.4	67.0	91	39	35	35	34	50	23	20	.205	.212	.199	.10	.10	.0	2.2	2.2	3.0	2.5
October	27.22	27.83	26.63	42.5	59.8	60.1	64.4	39.4	51.9	85	22	30	30	32	64	35	35	.175	.176	.184	.49	.27	2.1	3.4	3.9	3.7	4.1
November	27.35	27.69	26.80	29.9	37.9	37.6	41.8	27.1	34.4	51	8	27	28	29	89	68	71	.149	.157	.159	1.05	.35	7.4	5.1	5.9	6.3	6.4
December	27.35	27.78	26.70	26.2	31.4	31.0	34.7	23.4	29.0	55	13	24	26	26	92	79	83	.129	.138	.142	1.00	.27	.8	6.8	7.0	6.9	7.3
Year	27.19	27.93	26.44	41.9	56.5	58.6	61.4	39.3	50.4	105	−6	32	31	31	70	44	44	.186	.180	.179	9.09	.63	28.1	4.7	5.0	5.2	5.2

BOSTON, MASS.

[ϕ=42°21′ N.; λ=71°4′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.98	30.69	29.10	20.5	25.4	24.8	31.6	14.8	23.2	56	−5	13	13	15	72	60	66	0.101	0.107	0.110	6.13	3.03	26.7	5.2	5.6	4.1	5.7
February	29.86	30.59	29.30	24.7	31.9	30.3	36.2	19.5	27.8	53	−1	16	18	18	68	56	60	.101	.111	.107	3.26	1.18	13.1	6.1	7.1	6.6	6.6
March	29.89	30.55	29.22	34.7	42.4	40.4	47.0	29.9	38.4	71	16	22	23	24	61	47	55	.135	.135	.140	1.52	.80	2.1	5.1	5.7	5.0	5.2
April	29.73	30.15	29.18	42.9	48.1	46.2	51.8	38.5	45.2	84	28	32	33	32	67	60	62	.190	.195	.186	4.77	2.37	1.9	6.5	7.1	6.2	7.1
May	29.81	30.25	29.36	53.3	60.0	56.9	64.0	47.0	55.5	85	37	38	37	40	58	46	56	.238	.233	.258	1.35	.95	.0	4.5	6.1	5.8	5.5
June	29.81	30.08	29.35	63.6	69.9	66.7	73.3	57.7	65.5	89	50	55	55	55	76	64	69	.441	.447	.433	5.07	1.52	.0	5.7	7.2	6.2	6.6
July	29.85	30.20	29.48	71.1	76.6	72.7	79.8	65.4	72.6	92	58	61	61	63	74	62	75	.562	.559	.601	1.10	.46	.0	5.5	6.0	5.2	6.0
August	29.87	30.14	29.45	68.6	75.9	71.1	78.7	62.7	70.7	90	52	59	57	59	72	54	66	.506	.482	.507	2.14	1.40	.0	4.5	4.8	4.6	4.6
September	29.90	30.21	29.35	58.4	69.7	61.9	69.3	53.6	61.4	80	42	50	51	52	75	59	70	.378	.383	.399	2.69	1.32	.0	5.8	5.6	5.0	6.2
October	30.05	30.46	29.50	49.7	59.0	54.4	62.6	44.9	53.8	78	32	40	40	42	69	52	64	.258	.261	.279	.34	.17	.0	2.9	3.9	2.4	4.1
November	29.98	30.33	29.39	43.1	48.5	46.0	51.6	39.3	45.4	71	20	37	38	39	79	70	78	.237	.251	.256	3.91	1.42	1.0	7.2	7.0	6.5	7.1
December	29.81	30.48	29.27	24.2	29.2	28.1	33.3	20.9	27.1	45	3	16	17	16	70	58	60	.099	.106	.104	.66	.34	.3	5.8	6.4	4.2	5.9
Year	29.88	30.69	29.10	46.2	53.0	50.0	56.6	41.2	48.9	92	−5	37	37	38	70	57	65	.270	.272	.282	32.94	3.03	45.1	5.4	6.0	5.2	5.9

BROWNSVILLE, TEX.

[ϕ=25°54′ N.; λ=97°30′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.02	30.45	29.64	59.6	70.4	66.1	73.9	57.5	65.7	81	25	56	55	57	89	59	74	0.490	0.466	0.503	0.90	0.68	0.0	4.3	5.2	4.0	5.0
February	30.03	30.54	29.57	55.4	67.3	63.2	71.2	52.1	61.6	80	35	50	48	49	83	54	64	.392	.373	.388	.27	.16	.0	4.2	4.7	4.1	4.5
March	29.87	30.32	29.54	66.3	75.6	71.6	78.6	64.3	71.4	84	46	63	61	62	89	62	75	.593	.562	.587	.88	.58	.0	5.9	5.2	5.9	5.5
April	29.78	30.27	29.51	70.7	80.1	75.2	82.6	68.4	75.5	92	54	67	66	67	90	62	76	.687	.649	.678	2.04	1.04	.0	7.4	6.5	6.3	6.1
May	29.77	29.99	29.41	74.3	82.9	79.1	85.8	72.5	79.2	92	55	72	69	70	91	64	75	.780	.719	.755	1.64	.80	.0	5.1	5.8	5.1	5.5
June	29.81	29.96	29.60	77.5	85.3	81.7	88.0	76.2	82.1	91	70	75	72	74	91	66	78	.855	.785	.841	4.97	3.27	.0	4.7	6.2	4.4	5.5
July	29.87	30.01	29.71	77.7	88.3	84.5	91.1	76.4	83.8	94	72	75	71	72	91	56	68	.864	.756	.794	.85	.42	.0	3.5	5.6	3.6	4.8
August	29.84	30.01	29.73	77.7	88.8	84.8	91.9	76.6	84.2	96	72	75	71	73	91	56	68	.868	.757	.812	1.14	.65	.0	2.6	5.2	2.7	4.1
September	29.83	30.03	29.64	73.6	83.4	80.2	86.6	72.5	79.6	92	69	71	70	72	91	65	75	.768	.741	.782	5.20	1.52	.0	5.5	6.4	4.7	6.2
October	29.93	30.24	29.77	70.1	82.5	76.3	84.5	68.9	76.7	89	52	68	66	69	92	59	78	.682	.653	.711	2.28	1.42	.0	2.6	5.1	2.9	3.8
November	29.98	30.37	29.65	64.5	74.6	69.3	78.8	61.7	69.2	85	43	60	61	62	87	64	78	.559	.559	.573	.96	.56	.0	4.7	6.1	3.9	6.1
December	30.02	30.40	29.70	56.7	64.3	61.4	67.6	54.1	60.8	79	39	53	54	55	88	72	80	.421	.441	.452	3.93	1.55	.0	7.0	8.0	7.6	8.3
Year	29.90	30.54	29.41	68.7	78.6	74.4	81.6	66.8	74.2	96	25	65	64	65	89	62	74	.663	.621	.656	25.05	3.27	.0	4.8	5.8	4.6	5.4

BUFFALO, N. Y.

[ϕ=42°53′ N.; λ=78°53′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.28	29.90	28.45	23.2	25.6	23.7	30.7	16.9	23.8	54	−3	19	20	19	82	78	80	0.116	0.122	0.116	2.81	0.96	12.0	8.6	7.7	6.5	7.9
February	29.17	29.81	28.65	22.0	25.7	24.4	30.0	17.5	23.8	45	3	18	21	20	85	80	81	.105	.114	.111	3.00	.72	15.6	8.5	7.6	6.6	8.0
March	29.18	29.81	28.66	33.8	37.3	36.0	43.6	28.9	36.2	60	10	27	29	29	77	72	75	.153	.161	.163	1.85	.34	7.3	7.6	6.3	5.8	6.9
April	29.11	29.39	28.54	38.9	42.8	41.2	47.2	34.8	41.0	71	22	32	33	34	78	71	76	.184	.191	.196	.88	.45	1.1	6.2	6.7	5.9	6.5
May	29.19	29.51	28.86	47.4	51.4	51.1	55.5	43.4	49.4	73	32	38	40	41	73	67	69	.242	.257	.268	2.08	.65	.0	5.0	5.3	4.8	5.4
June	29.10	29.42	28.68	61.9	65.8	65.1	70.2	57.1	63.6	86	50	54	55	55	76	71	72	.423	.446	.440	3.06	.88	.0	4.9	5.5	5.8	5.5
July	29.16	29.45	28.90	71.6	75.8	75.6	79.7	67.7	73.7	90	57	63	64	63	75	67	68	.585	.600	.599	1.34	.43	.0	4.4	4.4	4.6	4.5
August	29.18	29.49	28.81	67.6	73.9	71.9	77.2	63.3	70.2	92	51	60	62	61	77	67	70	.526	.568	.547	.78	.30	.0	4.2	5.3	5.2	5.3
September	29.20	29.51	28.70	56.8	63.4	61.5	66.6	52.7	59.6	76	38	50	52	52	79	68	71	.374	.403	.395	2.58	.78	.0	6.3	5.6	4.4	5.9
October	29.32	29.70	28.59	48.5	54.7	52.3	59.3	43.9	51.6	76	34	41	41	42	76	62	70	.266	.272	.282	1.58	.42	T	5.8	5.0	3.7	5.4
November	29.27	29.78	28.74	39.2	42.7	41.1	46.8	35.6	41.2	70	22	34	34	35	83	73	80	.206	.206	.215	1.58	.47	1.1	6.8	7.8	8.5	7.8
December	29.19	29.80	28.76	23.2	25.6	25.2	28.9	19.7	24.3	46	4	20	21	21	86	82	84	.117	.122	.122	3.21	.74	27.7	9.2	9.0	7.6	8.7
Year	29.20	29.90	28.45	44.5	48.7	47.4	53.0	40.1	46.5	92	−3	38	39	39	79	72	75	.275	.288	.288	24.73	.96	64.8	6.5	6.4	5.8	6.5

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

BOISE, IDAHO

[H=2,705 ft.; H_b=2,739 ft.; h_t=79 ft.; h_r=72 ft.; h_a=87 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	5.3	SE.	19	SE.	0	8	0	6	23	3	1	4	16	1	1	12	18	10	7	12	7	0	10	8	6	0	26	0	0
February	5.6	SE.	21	NW.	0	6	2	6	19	3	1	3	16	0	3	7	18	9	9	9	8	0	7	1	3	0	25	0	0
March	7.0	SE.	30	NW.	0	8	2	1	27	2	3	1	18	0	6	6	19	8	4	12	6	0	1	0	0	0	17	0	0
April	6.9	SE.	24	NW.	0	5	2	1	21	3	3	4	20	1	7	7	16	12	11	4	0	1	0	0	0	0	3	3	0
May	6.7	NW.	21	SE.	0	7	0	4	18	2	1	3	23	4	12	11	8	5	5	0	0	1	0	0	0	0	1	3	0
June	5.5	NW.	22	NW.	0	4	1	3	12	1	4	7	23	5	11	12	7	1	1	0	0	0	0	0	0	3	0	2	0
July	5.6	NW.	21	SE.	0	3	1	3	12	4	1	4	28	6	26	4	1	1	0	0	0	0	0	0	0	15	0	5	0
August	5.2	NW.	15	NW.	0	4	1	1	18	0	2	9	25	2	26	3	2	0	0	0	0	0	0	0	0	16	0	0	0
September	4.7	SE.	19	NW.	0	5	0	6	16	4	1	11	16	1	22	3	5	1	1	0	0	0	0	0	0	3	0	1	0
October	5.1	SE.	27	NW.	0	7	1	1	17	5	2	4	21	4	14	10	7	4	4	4	3	0	1	0	1	0	8	0	0
November	4.7	NW.	22	NW.	0	3	1	0	17	2	1	5	26	5	7	7	16	10	7	7	6	0	8	4	5	0	23	0	0
December	4.4	NW.	21	SE.	0	7	0	0	9	4	2	3	29	8	7	3	21	9	6	14	4	0	20	11	12	0	29	0	0
Year	5.5	NW.	30	NW.	0	67	11	32	209	33	22	58	261	37	142	85	138	70	55	62	34	2	47	24	27	37	132	14	0

BOSTON, MASS.

[H=14 ft.; H_b=124 ft.; h_t=336 ft.; h_r=329 ft.; h_a=360 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	15.7	NW.	46	W.	12	10	1	1	3	1	14	12	20	0	12	4	15	12	11	10	7	0	12	6	17	0	26	0	1
February	14.4	W.	37	W.	1	11	0	3	2	2	15	15	8	0	6	8	14	9	7	12	7	0	6	0	8	0	24	0	0
March	15.7	W.	49	NW.	9	8	1	1	4	5	13	15	15	0	8	15	8	11	4	6	3	0	2	0	1	0	17	0	0
April	15.4	W.	52	NE.	9	10	7	12	1	2	3	11	14	0	4	10	16	11	8	9	3	0	4	0	0	0	5	1	0
May	14.2	W.	47	W.	4	5	5	4	2	3	15	15	12	1	8	13	10	9	6	0	0	0	3	1	0	0	0	3	1
June	12.5	W.	43	NW.	5	6	3	8	2	5	14	15	7	0	4	14	12	13	10	0	0	0	7	5	0	0	0	3	0
July	12.6	W.	45	NW.	2	5	5	6	4	9	15	14	4	0	9	9	13	10	6	0	0	0	8	5	0	2	0	4	0
August	12.2	SW.	33	NW.	1	9	4	3	4	7	15	14	6	0	13	11	7	5	4	0	0	0	5	0	0	0	0	2	0
September	13.1	W.	34	SE.	2	12	1	3	4	1	15	12	12	0	7	8	15	9	6	0	0	0	3	1	0	0	0	0	0
October	13.6	W.	34	SW.	2	8	3	3	4	8	14	11	11	0	17	5	9	6	3	0	0	0	6	3	0	0	0	0	0
November	14.9	N.	54	NE.	5	18	7	5	4	6	5	7	8	0	6	4	20	12	8	3	1	0	7	6	0	0	4	1	0
December	15.2	NW.	41	NW.	6	13	3	2	1	0	3	21	19	0	11	4	16	6	3	9	2	0	4	1	14	0	25	0	0
Year	14.1	W.	54	NE.	58	115	40	51	35	49	141	162	136	1	105	105	155	113	76	49	23	0	67	28	40	2	101	14	2

BROWNSVILLE, TEX.

[H=35 ft.; H_b=57 ft.; h_t=88 ft.; h_r=80 ft.; h_a=96 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.5	SE.	41	NW.	1	8	6	14	24	6	0	1	3	0	11	13	7	4	2	0	0	0	9	3	0	0	1	1	0
February	11.7	SE.	37	S.	1	4	3	8	20	3	1	3	13	1	14	4	10	6	2	0	0	0	6	4	0	0	0	0	0
March	14.4	SE.	38	E.	5	3	4	2	41	4	3	1	3	1	9	15	7	6	4	0	0	0	4	2	0	0	0	2	0
April	12.2	SE.	38	SE.	3	2	6	12	33	3	0	0	4	0	3	18	9	9	6	0	0	0	4	0	0	4	0	5	0
May	13.1	SE.	31	NE.	0	0	2	20	36	2	0	0	2	0	5	20	6	6	5	0	0	0	0	0	0	2	0	4	0
June	11.4	SE.	40	SE.	1	4	2	14	38	1	0	1	0	0	6	18	6	10	8	0	0	0	0	0	0	6	0	8	0
July	9.1	SE.	26	E.	0	1	0	7	44	3	1	3	3	0	9	19	3	7	5	0	0	0	0	0	0	23	0	8	0
August	9.0	SE.	25	SE.	0	2	2	14	35	3	1	4	0	1	15	13	3	9	6	0	0	0	0	0	0	27	0	8	0
September	9.6	SE.	25	NW.	0	6	3	13	22	2	1	1	12	0	3	20	7	15	13	0	0	0	0	0	0	7	0	7	0
October	8.8	SE.	24	NW.	0	7	2	19	23	2	0	2	7	0	19	7	5	9	5	0	0	0	1	0	0	0	0	0	0
November	10.1	SE.	32	S.	1	4	2	16	29	3	1	3	11	0	8	9	13	9	5	0	0	0	2	1	0	0	0	0	0
December	10.6	NW.	25	SE.	0	8	3	13	11	4	1	2	20	0	1	6	24	14	11	0	0	0	2	2	0	0	0	2	0
Year	10.9	SE.	41	NW.	12	49	35	152	347	36	9	21	78	3	103	162	100	104	72	0	0	0	28	12	0	72	1	45	0

BUFFALO, N. Y.

[H=604 ft.; H_b=767 ft.; h_t=243 ft.; h_r=238 ft.; h_a=280 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	18.1	W.	61	SW.	13	2	5	8	3	10	9	14	11	0	3	6	22	22	10	25	17	0	6	1	16	0	26	0	0
February	16.7	SW.	50	SW.	12	1	7	7	2	6	18	8	7	0	3	6	19	20	16	20	17	0	4	0	17	0	26	0	0
March	16.3	SW.	68	SW.	8	0	14	7	2	8	23	2	6	0	7	6	18	16	11	13	9	1	7	3	4	0	20	2	0
April	14.0	SW.	50	SW.	4	2	9	11	2	3	14	11	8	0	8	6	16	13	7	8	5	0	6	0	0	0	12	2	0
May	12.4	SW.	37	W.	3	2	10	6	3	1	24	9	7	0	10	11	10	8	8	0	0	0	8	0	0	0	1	1	0
June	12.9	SW.	40	SW.	7	2	7	2	1	9	31	3	5	0	9	10	11	15	12	0	0	0	5	0	0	0	0	1	0
July	11.9	SW.	34	W.	2	1	4	8	2	9	23	7	8	0	15	10	6	6	5	0	0	0	3	0	0	1	0	5	0
August	11.5	SW.	50	SW.	4	3	12	6	6	14	7	9	4	1	11	11	9	7	5	0	0	0	4	0	0	1	0	6	0
September	13.6	SW.	43	W.	5	0	11	7	3	10	13	8	8	0	5	15	10	9	8	0	0	1	1	0	0	0	0	4	0
October	14.9	SW.	56	W.	9	2	1	7	8	14	10	10	10	0	10	10	11	9	6	3	0	0	5	2	0	0	0	0	0
November	15.5	W.	45	SW.	11	3	13	5	4	12	7	11	5	0	3	8	19	15	9	5	2	0	3	0	2	0	9	0	0
December	13.8	W.	50	SW.	5	0	3	14	0	6	6	14	10	0	1	7	23	24	14	22	19	0	6	1	17	0	26	0	0
Year	14.3	SW.	68	SW.	83	18	96	88	36	102	185	106	98	1	85	106	174	164	111	96	69	2	58	7	56	2	120	21	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

BURLINGTON, VT.

[ϕ=44°29′ N.; λ=73°12′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.68	30.36	28.90	9.8	15.5	.....	21.7	2.5	12.1	48	−22	4	8	...	75	70	...	0.072	0.083	.....	2.80	1.16	17.6	7.0	6.1	.....	6.6
February	29.56	30.33	28.92	13.7	20.4	.....	26.4	6.8	16.6	41	−17	9	13	...	81	71	...	.074	.084	.....	1.13	.37	7.5	7.7	6.7	.....	6.9
March	29.58	30.28	28.94	27.2	33.0	.....	38.0	21.2	29.6	58	−1	19	21	...	71	60	...	.111	.118	.....	.88	.28	2.5	5.4	6.3	.....	5.8
April	29.45	29.84	28.88	39.0	46.1	.....	49.9	33.0	41.4	80	20	31	31	...	74	58	...	.180	.183	.....	3.31	.74	8.1	7.1	7.1	.....	7.2
May	29.52	29.90	28.99	49.1	56.7	.....	60.1	40.9	50.5	82	31	38	38	...	66	52	...	.241	.240	.....	2.31	.98	T	4.5	6.4	.....	6.1
June	29.47	29.80	29.09	62.6	69.4	.....	72.5	55.7	64.1	82	45	55	54	...	76	61	...	.431	.427	.....	6.58	1.94	.0	6.8	6.8	.....	7.0
July	29.54	29.90	29.13	70.0	76.9	.....	81.0	61.5	71.2	90	47	62	63	...	77	64	...	.573	.592	.....	4.01	.84	.0	5.7	5.8	.....	5.5
August	29.56	29.87	29.08	66.2	74.5	.....	77.8	57.9	67.8	90	45	58	59	...	76	59	...	.498	.513	.....	3.26	1.51	.0	3.6	4.5	.....	4.5
September	29.58	29.89	29.00	53.8	61.5	.....	65.4	47.8	56.6	79	36	49	48	...	83	64	...	.349	.349	.....	4.23	1.51	.0	7.4	5.8	.....	6.5
October	29.70	30.20	28.94	46.4	54.9	.....	58.8	39.2	49.0	73	27	38	39	...	74	56	...	.243	.248	.....	1.64	.92	T	5.2	5.3	.....	5.5
November	29.69	30.14	29.08	36.7	41.0	.....	44.3	32.1	38.2	69	15	33	33	...	86	75	...	.197	.203	.....	2.45	.79	3.5	8.1	8.5	.....	8.6
December	29.54	30.28	29.03	16.0	20.1	.....	23.9	12.5	18.2	38	−8	11	14	...	80	75	...	.085	.093	.....	1.20	.60	5.1	8.3	7.9	.....	8.0
Year	29.57	30.36	28.88	40.9	47.5	.....	51.6	34.3	42.9	90	−22	34	35	...	77	64	...	.254	.261	.....	33.80	1.94	44.3	6.4	6.4	.....	6.5

CAIRO, ILL.

[ϕ=37°0′ N.; λ=89°10′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.81	30.30	29.20	34.2	40.5	40.5	46.5	30.6	38.6	67	6	28	30	31	77	67	68	0.176	0.192	0.198	4.74	1.49	0.1	6.5	6.0	5.6	6.2
February	29.73	30.17	29.28	37.0	43.1	43.5	49.8	33.7	41.8	72	17	31	30	31	78	63	62	.186	.178	1.82	1.34	.65	T	7.7	6.6	6.4	6.9
March	29.53	30.07	29.08	50.1	57.0	57.6	63.9	46.5	55.2	81	28	44	46	46	80	68	69	.312	.336	.345	12.06	3.76	.0	7.7	8.0	6.6	7.2
April	29.55	29.79	29.17	51.2	59.0	59.2	63.6	49.3	56.4	85	37	44	42	43	76	57	59	.299	.282	.294	3.69	2.02	.0	6.8	6.8	6.8	6.7
May	29.60	29.97	29.31	60.8	69.2	68.4	73.3	57.2	65.2	86	41	56	57	57	85	67	69	.462	.484	.477	4.83	1.50	.0	8.1	7.8	7.6	7.8
June	29.56	29.78	29.16	67.9	75.1	75.5	80.4	64.8	72.6	89	56	63	65	64	86	72	70	.583	.623	.610	7.51	1.39	.0	6.8	7.8	7.0	7.1
July	29.61	29.86	29.44	76.1	85.9	83.6	89.6	72.9	81.2	100	67	71	72	72	85	64	69	.766	.787	.782	1.86	.89	.0	4.5	5.7	7.0	6.0
August	29.59	29.81	29.45	73.0	84.0	82.3	87.6	71.5	79.6	98	58	69	69	70	86	62	66	.717	.735	.741	5.99	3.77	.0	4.8	5.7	5.3	5.4
September	29.65	29.80	29.45	62.7	76.8	74.1	80.9	61.9	71.4	91	48	59	58	61	87	55	64	.502	.503	.545	1.23	.82	.0	3.4	3.9	4.4	3.8
October	29.76	30.18	29.40	54.3	66.9	63.5	70.5	52.8	61.6	84	37	51	53	53	90	64	70	.394	.428	.424	5.00	1.72	.0	5.3	5.9	5.8	5.7
November	29.75	30.20	29.31	42.6	49.8	49.3	54.4	39.8	47.1	78	23	40	41	40	89	73	71	.260	.277	.266	1.70	.40	T	8.0	7.4	7.0	7.6
December	29.79	30.22	29.33	29.3	34.7	35.0	39.5	26.4	33.0	59	9	25	26	26	82	69	69	.145	.152	.155	1.99	.84	4.7	6.3	6.5	6.0	6.3
Year	29.67	30.30	29.08	53.3	61.8	61.0	66.7	50.6	58.6	100	6	48	49	50	83	65	67	.401	.415	.418	51.88	3.77	4.8	6.3	6.5	6.3	6.4

CANTON, N. Y.

[ϕ=44°36′ N.; λ=75°10′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.64	30.32	28.85	8.4	14.7	11.6	21.9	0.0	11.0	49	−30	7	10	...	93	83	...	0.081	0.087	.....	3.24	1.38	15.9	7.0	6.3	.....	6.4
February	29.51	30.25	28.87	13.5	20.3	16.5	25.1	5.3	15.2	42	−20	12	15	...	93	78	...	.082	.092	.....	2.08	.56	15.2	8.1	7.4	.....	7.0
March	29.52	30.22	28.95	28.0	34.4	31.4	39.1	21.1	30.1	60	−4	21	23	...	76	64	...	.122	.131	.....	1.25	.31	2.1	5.2	5.7	.....	6.2
April	29.43	29.79	28.89	39.4	46.9	43.0	50.7	33.3	42.0	80	20	32	34	...	75	64	...	.186	.200	.....	4.04	1.29	9.7	7.4	7.8	.....	7.2
May	29.49	29.85	29.14	48.8	57.9	52.2	60.8	39.8	50.3	78	28	40	41	...	71	56	...	.254	.270	.....	2.27	.91	T	5.1	6.2	.....	6.1
June	29.42	29.75	29.03	63.2	69.5	64.1	73.5	54.1	63.8	82	42	56	56	...	78	65	...	.450	.459	.....	4.40	1.82	.0	6.5	6.9	.....	6.1
July	29.47	29.86	29.09	70.5	78.8	72.5	81.9	61.9	71.9	90	48	63	64	...	77	61	...	.580	.614	.....	5.20	2.16	.0	5.9	5.3	.....	5.4
August	29.51	29.81	29.00	66.6	75.5	68.4	79.0	57.6	68.3	92	41	61	63	...	82	66	...	.540	.591	.....	2.87	1.09	.0	4.6	5.2	.....	4.6
September	29.53	29.83	28.98	53.8	63.0	56.7	66.2	45.7	56.0	82	29	49	52	51	84	70	81	.267	.406	0.382	3.56	1.91	T	6.0	6.8	5.7	6.5
October	29.65	30.14	28.81	46.0	55.2	49.0	58.9	38.1	48.5	74	22	40	43	41	81	65	74	.259	.292	.263	2.13	1.00	T	5.9	6.5	3.9	6.3
November	29.64	30.09	29.06	35.8	41.7	37.7	44.2	29.8	37.0	69	11	32	33	32	87	74	82	.196	.206	.193	1.68	.46	T	7.9	8.1	7.6	8.1
December	29.54	30.21	29.07	12.5	18.2	16.0	21.5	8.4	15.0	39	−17	11	15	15	95	86	94	.089	.096	.097	1.45	.29	12.7	7.3	7.1	7.6	6.9
Year	29.53	30.32	28.81	40.5	48.0	43.3	51.9	32.9	42.4	92	−30	35	37	...	83	69	...	.266	.287	.....	34.17	2.16	55.6	6.4	6.6	.....	6.4

CAPE HENRY, VA.

[ϕ=36°56′ N.; λ=76°00′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.16	30.80	29.55	37.8	41.1	39.4	46.0	32.9	39.4	75	16	32	32	33	79	70	78	0.197	0.201	0.204	2.64	1.32	0.4	6.0	6.5	3.7	7.4
February	30.04	30.64	29.48	37.5	45.1	40.1	49.4	33.2	41.3	70	20	32	33	33	80	64	76	.188	.200	.196	3.54	1.42	T	4.5	5.0	4.7	5.7
March	30.07	30.65	29.41	49.5	56.6	52.1	62.3	43.8	53.0	84	29	42	42	43	75	61	73	.281	.285	.296	3.12	1.39	.0	7.5	6.3	5.9	7.0
April	29.87	30.19	29.33	51.1	55.3	52.1	59.6	46.8	53.2	88	38	45	46	45	82	73	78	.310	.317	.309	5.64	1.23	T	7.6	5.9	6.8	6.7
May	29.99	30.32	29.51	62.5	68.0	61.9	71.2	55.6	63.4	88	49	54	53	52	74	61	72	.422	.420	.401	2.37	1.91	.0	5.4	5.4	5.5	5.7
June	29.94	30.26	29.64	73.4	78.9	72.7	81.4	66.6	74.0	97	57	66	64	65	78	62	78	.638	.608	.620	2.82	1.19	.0	5.8	4.2	4.6	5.2
July	29.99	30.35	29.69	76.5	82.0	75.5	84.4	70.6	77.5	95	64	70	71	70	82	70	83	.747	.754	.729	4.97	2.14	.0	5.5	5.6	6.3	6.1
August	30.00	30.18	29.70	76.8	81.2	76.1	83.1	71.1	77.1	97	62	69	69	69	78	67	79	.720	.709	.719	2.08	1.10	.0	4.6	4.6	*4.4	4.8
September	30.02	30.31	29.29	70.5	75.2	70.3	76.9	65.9	71.4	90	50	64	63	64	80	68	81	.604	.596	.610	2.61	1.33	.0	5.5	5.2	4.3	5.4
October	30.18	30.53	29.69	59.8	66.5	61.2	68.9	54.3	61.6	84	42	53	53	53	78	63	75	.416	.415	.414	1.59	1.03	.0	3.7	3.8	3.0	4.0
November	30.06	30.37	29.63	54.3	58.4	55.2	60.7	50.7	55.7	82	34	50	50	50	87	76	85	.386	.389	.389	4.17	1.59	T	7.4	6.9	6.1	7.2
December	30.04	30.65	29.60	34.9	39.9	38.0	42.9	32.0	37.4	63	10	28	28	29	76	64	71	.169	.169	.175	2.45	1.06	15.8	6.2	5.1	5.3	5.8
Year	30.03	30.80	29.29	57.0	62.4	57.9	65.6	52.0	58.8	97	10	50	50	50	79	67	77	.423	.422	.422	38.00	2.14	16.2	5.8	5.4	5.0	5.9

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

BURLINGTON, VT.

[H=398 ft.; H_b=403 ft.; h_t=11 ft.; h_r=3 ft.; h_a=48 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	12.4	S.	40	S.	4	5	3	5	1	12	0	1	4	0	6	10	15	17	11	18	13	0	6	3	22	0	29	0	0
February	9.9	S.	31	S.	0	5	1	1	3	12	1	0	5	0	5	9	14	15	8	18	11	0	5	0	19	0	27	0	0
March	11.7	S.	43	S.	2	6	1	3	0	8	2	2	9	0	8	10	13	14	8	13	6	0	4	2	6	0	28	1	2
April	8.2	N.	27	SE.	0	14	2	1	1	3	2	1	6	0	4	8	18	16	11	9	9	0	8	1	0	0	15	0	1
May	9.2	NW.	34	S.	2	8	1	1	3	7	1	6	4	0	7	13	11	11	8	2	0	0	6	1	0	0	4	4	2
June	8.4	S.	27	S.	0	0	0	2	2	14	5	2	5	0	5	7	18	18	15	0	0	0	10	0	0	0	0	6	0
July	8.5	S.	27	SE.	0	3	0	2	6	13	3	1	3	0	6	16	9	18	15	0	0	0	4	0	0	1	0	8	0
August	8.3	S.	29	SE.	0	4	2	3	4	15	1	0	2	0	11	14	6	11	7	0	0	1	6	1	0	1	0	5	2
September	8.7	S.	31	SE.	0	4	1	5	4	10	1	0	5	0	4	15	11	15	11	0	0	0	7	2	0	0	0	2	1
October	11.1	S.	39	S.	1	2	1	1	6	15	0	3	3	0	9	9	13	8	5	2	0	0	2	0	0	0	9	1	2
November	11.1	S.	38	S.	3	10	2	3	2	12	0	1	0	0	1	4	25	11	8	9	3	0	9	0	2	0	16	0	0
December	9.3	NW.	29	S.	0	7	6	1	3	7	0	0	7	0	3	6	22	12	6	20	10	0	10	2	21	0	29	0	0
Year	9.7	S.	43	S.	12	68	20	28	35	128	16	17	53	0	69	121	175	166	113	91	52	1	77	12	70	2	157	27	10

CAIRO, ILL.

[H=315 ft.; H_b=358 ft.; h_t=87 ft.; h_r=80 ft.; h_a=93 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.0	N.	25	N.	0	17	7	4	13	10	5	1	5	0	9	6	16	8	8	2	1	0	2	1	3	0	17	0	0
February	10.8	N.	30	SW.	0	14	6	0	4	10	9	4	8	1	6	5	17	5	5	4	0	0	3	3	2	0	12	0	0
March	11.3	S.	33	N.	2	8	6	3	5	30	3	2	4	1	4	8	19	14	12	0	0	0	1	0	0	0	3	7	0
April	9.6	N.	26	NW.	0	15	6	3	9	11	5	2	9	0	5	9	16	12	7	0	0	0	0	0	0	0	0	8	0
May	8.8	S.	38	SW.	1	14	11	6	7	13	5	3	3	0	2	7	22	14	9	0	0	1	1	0	0	0	0	7	0
June	7.7	SW.	27	SW.	0	5	5	8	5	10	12	9	6	0	4	8	18	17	16	0	0	1	0	0	0	0	0	17	0
July	6.2	N.	30	NW.	0	10	15	4	5	11	9	3	5	0	4	17	10	7	4	0	0	0	0	0	0	15	0	11	0
August	6.7	N.	22	NW.	0	15	15	1	8	13	3	5	2	0	9	13	9	5	5	0	0	0	0	0	0	14	0	5	0
September	6.2	N.	21	N.	0	21	9	2	9	13	1	2	2	1	17	6	7	4	3	0	0	0	1	0	0	2	0	1	0
October	7.0	SE.	27	N.	0	10	10	6	11	11	5	5	2	2	7	11	13	14	10	0	0	1	0	0	0	0	0	5	0
November	8.5	N.	24	SW.	0	12	9	4	5	12	6	2	9	1	5	4	21	12	11	1	0	0	4	2	0	0	4	3	0
December	9.0	NW.	26	NW.	0	7	4	2	9	10	10	5	14	1	9	7	15	9	7	8	5	0	4	3	9	0	23	1	0
Year	8.5	N.	38	SW.	3	148	103	43	90	154	73	43	69	7	81	101	183	121	97	15	6	3	16	9	14	31	59	65	0

CANTON, N. Y.

[H=406 ft.; H_b=448 ft.; h_t=10 ft.; h_r=4 ft.; h_a=61 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.7	SW.	30	W.	0	2	0	4	1	1	10	7	6	0	8	8	15	19	14	19	14	0	4	1	18	0	28	0	1
February	8.9	W.	29	SW.	0	3	5	2	0	1	8	6	2	1	5	7	16	19	13	22	18	0	5	0	20	0	28	0	0
March	9.3	W.	39	W.	1	1	3	5	1	5	5	6	5	0	7	12	12	13	9	12	5	0	7	3	6	0	29	0	0
April	8.7	E.	27	W.	0	3	5	8	0	1	1	9	3	0	3	11	16	15	13	10	9	0	2	2	0	0	12	2	2
May	8.7	W.	32	SW.	1	1	2	6	0	2	5	11	3	0	4	16	11	13	4	2	1	0	1	0	0	0	4	0	1
June	8.0	SW.	25	SW.	0	0	1	5	1	3	14	6	0	0	8	9	13	14	11	0	0	0	1	1	0	0	0	4	0
July	7.4	SW.	24	SE.	0	0	1	9	1	2	12	4	2	0	8	17	6	12	9	0	0	0	6	0	0	1	0	9	0
August	6.8	SW.	22	W.	0	2	0	3	2	4	8	9	1	2	11	14	6	9	7	0	0	2	1	1	0	1	0	4	0
September	7.1	SW.	24	SW.	0	11	4	8	1	6	15	11	1	0	5	15	10	14	9	1	0	0	6	4	0	0	1	3	2
October	8.6	SW.	30	SW.	0	8	2	6	3	4	29	8	2	0	8	7	16	9	7	2	1	0	2	0	0	0	9	2	1
November	10.2	SW.	30	SW.	0	8	4	14	2	3	19	10	0	0	2	5	23	15	8	6	1	0	6	0	5	0	19	0	0
December	7.3	W.	18	SW.	0	5	9	9	2	1	15	12	9	0	8	4	19	14	12	16	11	0	11	2	22	0	29	0	0
Year	8.4	SW.	39	W.	2	44	36	79	14	33	145	99	34	3	77	125	163	166	116	90	60	2	52	14	71	2	159	24	7

CAPE HENRY, VA.

[H=16 ft.; H_b=18 ft.; h_t=8 ft.; h_r=3 ft.; h_a=54 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	14.6	N.	49	NE.	6	20	6	6	6	2	10	4	8	0	3	9	19	8	7	4	1	0	6	6	5	0	13	0	0
February	12.3	N.	40	N.	4	11	10	1	5	6	13	4	6	0	9	7	12	7	5	2	0	0	5	5	1	0	10	0	0
March	12.6	SW.	43	N.	5	9	8	3	8	12	16	2	4	0	6	8	17	12	9	0	0	0	2	2	0	0	1	3	0
April	13.5	NW.	38	N.	4	10	11	2	10	6	8	4	9	0	6	9	15	16	13	1	0	2	6	5	0	0	0	5	0
May	10.9	SW.	31	NE.	0	8	10	6	10	9	9	4	5	1	9	10	12	8	6	0	0	0	3	2	0	0	0	1	0
June	9.2	SW.	28	S.	0	5	4	2	12	15	13	4	3	2	10	14	6	8	7	0	0	0	3	3	0	7	0	10	0
July	9.7	SW.	28	SW.	0	1	6	3	14	10	24	4	0	0	7	15	9	13	11	0	0	0	5	4	0	8	0	9	0
August	10.8	SW.	30	NW.	0	2	11	13	14	5	10	2	3	2	14	12	5	10	8	0	0	0	0	0	0	5	0	3	0
September	10.6	SE.	43	NW.	3	6	11	12	16	6	7	1	1	0	10	9	11	12	6	0	0	0	4	3	0	0	0	5	0
October	12.5	N.	38	N.	7	14	11	4	9	11	10	2	1	0	15	10	6	5	3	0	0	0	2	2	0	0	0	0	0
November	16.4	NE.	45	NE.	9	10	18	1	5	8	6	2	10	0	5	8	17	14	11	1	1	0	6	4	0	0	0	1	0
December	15.5	NW.	42	N.	9	11	7	3	0	2	13	6	19	1	10	5	16	8	7	5	5	0	1	0	8	0	15	0	0
Year	12.4	SW.	49	NE.	47	107	113	56	109	92	139	39	69	6	104	116	145	121	93	13	7	2	43	36	14	20	39	37	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

CHARLES CITY, IOWA

[ϕ=43°04′ N.; λ=92°38′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.06	29.67	28.17	11.2	17.8	16.5	23.5	5.5	14.5	40	−27	8	12	13	87	78	84	0.076	0.089	0.090	1.86	0.63	7.0	5.6	5.7	6.5	5.8
February	29.00	29.50	28.41	22.4	29.0	27.5	32.1	18.9	25.5	43	−10	19	21	22	85	72	78	.108	.118	.122	1.03	.82	8.2	6.9	7.1	5.4	6.6
March	28.85	29.37	28.22	31.0	40.3	39.1	45.2	28.0	36.6	71	1	27	29	32	84	65	75	.154	.173	.195	1.41	.42	8.3	6.3	5.5	5.3	5.6
April	28.91	29.22	28.56	39.4	50.2	47.3	53.5	36.4	45.0	73	21	33	34	36	78	56	65	.202	.211	.221	2.91	.89	T	6.2	6.4	7.1	6.3
May	28.96	29.38	28.59	49.8	59.6	58.6	63.7	44.9	54.3	77	32	41	40	41	74	53	57	.267	.259	.269	2.76	.76	1.4	5.9	6.5	6.5	6.3
June	28.82	29.02	28.51	59.9	70.2	68.4	74.0	54.0	64.0	88	37	54	53	55	82	57	64	.435	.426	.449	6.91	2.18	.0	6.0	6.2	4.9	5.7
July	28.91	29.08	28.69	72.7	85.4	82.3	88.2	67.5	77.8	96	58	66	67	68	82	55	62	.655	.649	.687	1.10	.50	.0	4.4	3.8	2.7	3.4
August	28.91	29.16	28.58	64.9	78.8	75.3	82.2	60.5	71.4	93	40	60	61	62	85	56	64	.544	.564	.577	4.29	1.61	.0	4.1	3.8	2.4	3.4
September	28.93	29.37	28.57	54.7	71.4	65.1	74.6	51.2	62.9	89	33	50	52	54	86	53	69	.381	.415	.438	1.47	.40	.0	4.5	4.0	3.6	4.2
October	29.04	29.58	28.53	41.4	56.1	49.6	60.5	37.1	48.8	81	18	37	38	38	85	53	67	.239	.242	.254	3.39	1.60	T	4.4	4.9	4.3	5.1
November	29.01	29.40	28.28	27.8	35.5	32.2	38.8	23.5	31.2	62	1	24	27	27	86	72	80	.138	.156	.152	2.69	1.40	3.2	7.0	6.8	7.1	7.1
December	29.02	29.48	28.31	16.1	21.8	20.0	24.9	10.9	17.9	40	−13	13	17	16	88	79	84	.091	.102	.100	1.50	.48	13.0	8.1	7.2	6.8	7.5
Year	28.95	29.67	28.17	40.9	51.3	48.5	55.1	36.5	45.8	96	−27	36	38	39	84	62	71	.274	.284	.296	31.28	2.18	41.1	5.8	5.7	5.2	5.6

CHARLESTON, S. C.

[ϕ=32°47′ N.; λ=79°56′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	30.11	30.50	29.63	46.7	55.4	52.7	59.2	43.5	51.4	74	21	40	40	42	76	59	69	0.275	0.286	0.308	2.27	0.96	T	6.6	5.2	4.5	5.8
February	30.06	30.55	29.49	44.9	56.1	52.6	59.7	42.8	51.2	73	26	37	39	42	75	56	69	.244	.268	.286	1.93	.73	0.0	5.0	4.7	4.0	5.0
March	30.08	30.49	29.46	58.8	68.5	62.7	71.6	55.1	63.4	92	35	52	52	54	78	59	75	.406	.417	.437	1.02	.65	.0	6.3	6.2	5.2	6.0
April	29.88	30.11	29.55	63.4	70.6	66.0	74.0	58.8	66.4	88	46	55	55	56	76	60	72	.462	.448	.464	1.12	.55	.0	5.5	5.8	4.5	5.6
May	29.98	30.21	29.64	72.0	78.1	73.2	80.6	66.5	73.6	95	55	63	62	64	74	60	76	.590	.576	.618	7.09	1.59	.0	6.1	6.4	5.6	6.2
June	29.94	30.14	29.75	79.3	83.5	79.2	86.5	73.9	80.2	93	69	68	68	70	70	62	74	.698	.704	.733	3.45	1.35	.0	6.6	5.4	6.7	6.7
July	29.99	30.26	29.66	78.6	82.2	79.0	84.9	73.7	79.3	91	66	73	73	73	84	75	82	.820	.814	.812	7.78	5.52	.0	8.0	7.6	7.6	7.8
August	29.95	30.09	29.82	78.9	84.4	80.1	87.3	75.0	81.2	98	70	73	72	73	83	69	80	.817	.794	.825	9.53	6.32	.0	7.3	7.0	5.5	6.8
September	29.95	30.20	29.45	73.2	79.9	75.1	82.0	70.0	76.0	90	62	68	68	69	85	70	83	.705	.710	.730	5.53	1.88	.0	6.3	6.2	5.6	6.6
October	30.12	30.39	29.76	64.0	74.0	68.2	76.0	60.9	68.4	85	45	59	57	60	83	57	78	.515	.491	.548	.14	.13	.0	4.4	4.0	2.3	4.7
November	30.05	30.44	29.81	56.3	64.6	60.7	67.1	53.6	60.4	80	32	51	50	53	82	62	76	.413	.410	.439	1.48	.52	.0	6.0	5.2	3.7	5.5
December	30.07	30.54	29.46	39.4	49.0	45.3	52.1	37.2	44.6	70	22	31	32	34	73	55	66	.195	.207	.213	2.72	1.36	T	5.1	4.7	4.9	5.0
Year	30.01	30.55	29.45	63.0	70.5	66.2	73.4	59.2	66.3	98	21	56	56	58	78	62	75	.512	.510	.534	54.06	6.32	T	6.1	5.7	5.0	5.0

CHARLOTTE, N. C.

[ϕ=35°13′ N.; λ=80°51′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.33	29.77	28.81	37.0	46.6	44.6	50.3	33.5	41.9	73	11	29	31	30	72	57	58	0.183	2.05	1.89	1.68	0.79	T	6.8	6.7	4.5	6.5
February	29.25	29.79	28.70	37.5	48.8	47.3	53.8	34.2	44.0	71	19	32	32	33	78	55	59	.194	.202	.206	3.35	1.42	0.0	5.9	4.9	4.5	5.2
March	29.26	29.74	28.60	50.1	62.1	60.0	67.7	46.2	57.0	87	29	43	44	46	76	55	62	.302	.321	.333	5.01	1.79	.0	6.7	6.2	6.2	6.4
April	29.09	29.36	28.72	53.5	63.4	62.2	68.2	50.1	59.2	84	36	46	46	47	78	56	63	.332	.325	.344	4.02	1.17	.0	6.5	5.7	6.0	6.1
May	29.20	29.44	28.83	63.1	74.1	70.7	78.1	57.9	68.0	89	47	56	56	56	78	56	63	.458	.460	.462	3.74	1.22	.0	5.6	6.0	5.9	6.0
June	29.16	29.42	28.87	72.9	84.1	81.4	88.1	67.2	77.6	95	56	00	58	58	66	42	47	.534	.485	.495	.50	.24	.0	4.5	5.8	6.1	5.1
July	29.21	29.55	28.88	74.0	83.6	79.6	88.2	70.5	79.4	97	67	69	68	68	86	61	70	.715	.692	.692	8.27	1.77	.0	7.0	7.0	6.9	7.1
August	29.20	29.35	29.01	73.0	84.2	80.2	88.1	69.4	78.8	99	58	67	65	66	81	55	64	.668	.630	.647	2.70	1.28	.0	5.9	5.7	6.3	6.0
September	29.22	29.52	28.73	65.8	76.8	73.3	80.6	63.2	71.9	93	50	61	60	62	86	59	70	.552	.534	.575	5.47	2.82	.0	5.6	5.7	4.9	5.3
October	29.37	29.70	28.92	53.9	69.7	65.6	74.3	50.7	62.5	87	34	47	47	49	79	46	56	.341	.342	.365	.89	.54	.0	4.3	3.1	2.2	3.6
November	29.27	29.65	28.93	48.1	59.3	55.8	62.7	45.7	54.2	78	25	43	44	44	82	58	66	.306	.317	.317	3.64	1.71	T	4.6	5.7	5.1	5.3
December	29.26	29.78	28.83	30.4	40.8	38.5	43.5	28.3	35.9	64	14	24	25	25	74	54	60	.136	.146	.150	2.15	.75	10.5	5.1	5.2	4.0	5.1
Year	29.24	29.79	28.60	54.9	66.1	63.3	70.3	51.4	60.9	99	11	48	48	49	78	54	62	.393	.388	.398	41.42	2.82	10.5	5.7	5.6	5.2	5.6

CHATTANOOGA, TENN.

[ϕ=35°4′ N.; λ=85°18′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.36	29.72	28.90	40.0	47.6	46.3	52.1	36.1	44.1	67	14	31	31	33	71	54	62	0.191	0.191	0.208	2.54	1.46	2.8	7.4	6.2	4.8	6.3
February	29.30	29.81	28.89	39.4	48.4	48.3	53.7	37.5	45.6	68	18	32	32	33	75	55	58	.192	.190	.206	4.38	1.37	.1	6.6	6.0	5.0	6.0
March	29.27	29.63	28.73	52.4	63.0	62.1	69.5	48.4	59.0	86	28	45	46	46	76	57	58	.320	.340	.334	7.54	2.45	1.4	6.5	6.3	5.4	6.0
April	29.12	29.39	28.80	56.6	66.5	64.6	71.1	52.5	61.8	87	40	48	49	49	74	57	60	.360	.376	.369	5.84	1.77	.0	5.5	6.3	5.4	5.9
May	29.20	29.44	28.85	64.7	75.6	74.3	81.1	59.7	7.04	90	45	58	58	59	79	58	60	.495	.501	.511	5.68	2.14	.0	5.6	5.4	5.3	5.2
June	29.19	29.35	28.90	71.3	81.3	78.1	85.5	65.2	75.4	94	52	63	63	63	77	57	62	.596	.600	.593	3.50	1.41	.0	5.0	5.8	5.0	5.4
July	29.22	29.50	28.96	76.1	87.5	83.3	91.8	71.6	81.7	98	67	68	67	67	77	52	60	.691	.664	.671	1.65	.66	.0	4.0	5.3	5.1	4.8
August	29.19	29.33	29.04	75.5	87.1	82.8	91.3	71.2	81.2	104	59	68	66	66	77	52	59	.686	.648	.652	6.47	1.71	.0	3.8	4.8	4.9	4.5
September	29.23	29.47	28.99	66.9	82.8	77.9	86.8	63.8	75.3	96	53	60	59	60	78	46	55	.518	.504	.523	0.47	.30	.0	3.5	4.2	2.9	3.7
October	29.37	29.74	28.97	55.3	71.8	67.1	76.3	52.2	64.2	87	37	47	45	47	75	43	51	.343	.339	.347	3.56	2.23	.0	4.4	4.2	3.6	4.4
November	29.31	29.74	29.01	48.4	58.5	55.4	61.6	44.9	53.2	83	28	41	41	42	76	54	63	.282	.274	.303	5.61	2.28	.0	6.2	6.0	5.1	5.9
December	29.34	29.73	28.97	32.0	39.6	37.7	42.9	29.1	36.0	64	11	26	25	25	77	58	60	.145	.142	.140	2.97	1.68	6.9	6.2	5.9	5.9	6.0
Year	29.26	29.83	28.73	56.6	67.5	64.8	72.0	52.7	62.3	104	11	49	48	49	76	54	59	.402	.397	.405	50.20	2.45	11.2	5.4	5.5	4.9	5.3

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

CHARLES CITY, IOWA

[H=1,013 ft.; H_b=1,015 ft.; h_t=10 ft.; h_r=4 ft.; h_a=51 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.01 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	7.9	N.	23	NW.	0	10	4	5	15	7	4	5	12	0	11	5	15	6	4	12	5	0	3	2	19	0	30	0	0
February	8.0	N.	23	NE.	0	12	6	2	10	10	3	10	10	0	6	5	17	3	4	9	2	0	3	0	10	0	26	0	0
March	9.1	SE.	26	SW.	0	11	5	3	19	4	4	8	8	0	7	15	9	8	7	4	3	0	4	1	4	0	20	0	0
April	8.9	SE.	27	NW.	0	13	8	11	14	4	1	2	7	0	6	10	14	12	7	3	1	0	0	0	0	0	11	1	0
May	7.3	E.	23	E.	0	7	15	12	10	6	4	7	1	0	7	9	15	12	9	1	1	0	1	0	0	0	2	3	0
June	7.0	W.	22	N.	0	9	2	7	10	7	5	11	9	0	8	12	10	11	12	0	0	0	0	0	0	0	0	6	0
July	6.3	SE.	18	SE.	0	5	2	3	17	15	6	6	6	2	16	12	3	7	5	0	0	0	2	0	0	11	0	6	0
August	6.0	SE.	24	SW.	0	11	1	5	26	9	3	9	4	0	17	10	4	11	7	0	0	0	2	0	0	3	0	8	0
September	6.5	SW.	27	SW.	0	11	3	6	12	12	6	7	3	0	15	6	9	11	8	0	0	1	3	0	0	0	0	6	0
October	7.4	SE.	22	W.	0	8	2	0	17	15	5	6	9	0	11	9	11	8	7	1	1	0	3	1	0	0	9	4	1
November	7.5	SE.	20	W.	0	7	6	2	14	9	3	4	14	1	6	7	17	9	6	5	4	0	3	1	7	0	23	0	0
December	7.5	SE.	20	W.	0	3	4	7	11	11	2	10	14	0	5	6	20	9	5	17	7	0	4	0	22	0	29	0	0
Year	7.4	SE.	27	NW.	0	107	58	63	169	109	46	78	97	3	115	106	144	111	81	52	24	1	28	5	62	14	150	34	1

CHARLESTON, S. C.

[H=9 ft.; H_b=48 ft.; h_t=11 ft.; h_r=3 ft.; h_a=92 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.01 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.9	NE.	30	NE.	0	13	20	3	1	5	11	4	6	0	10	9	12	9	9	2	0	0	2	1	0	0	6	0	0
February	10.6	SW.	27	E.	0	9	9	4	0	7	10	8	9	0	12	4	12	7	5	0	0	0	10	3	0	0	3	0	0
March	11.3	SW.	32	S.	1	4	9	5	2	10	20	8	4	0	8	10	13	7	4	0	0	0	7	3	0	1	0	3	0
April	10.5	SW.	24	S.	0	3	6	8	3	3	15	13	9	0	9	10	11	7	4	0	0	0	6	1	0	0	0	3	0
May	10.5	SW.	27	N.	0	11	6	5	7	14	11	7	1	0	5	14	12	10	9	0	0	0	0	0	0	2	0	12	0
June	10.2	SW.	31	W.	0	2	2	5	10	11	17	8	5	0	4	14	12	7	4	0	0	0	0	0	0	6	0	13	0
July	9.3	SW.	35	NW.	1	3	4	7	6	12	18	11	1	0	3	8	20	16	15	0	0	0	2	0	0	2	0	19	0
August	9.5	SW.	41	SE.	1	5	11	9	6	7	10	9	5	0	1	18	12	12	9	0	0	0	5	3	0	10	0	10	0
September	11.4	NE.	47	S.	2	11	18	8	5	4	9	2	3	0	7	8	15	11	10	0	0	0	5	0	0	0	0	5	0
October	10.3	NE.	32	N.	1	16	19	14	2	5	0	6	0	0	11	12	8	2	2	0	0	0	8	2	0	0	0	0	0
November	10.4	N.	25	N.	0	21	7	4	1	9	1	10	7	0	10	9	11	7	5	0	0	0	8	4	0	0	1	1	0
December	10.7	N.	26	E.	0	12	13	2	1	1	6	13	14	0	14	5	12	7	6	1	0	0	7	0	0	0	9	0	0
Year	10.6	SW.	47	S.	6	109	124	74	44	88	128	99	64	0	94	121	150	102	82	3	0	0	60	17	0	21	19	66	0

CHARLOTTE, N. C.

[H=741 ft.; H_b=779 ft.; h_t=63 ft.; h_r=55 ft.; h_a=86 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.01 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.0	NE.	20	NW.	0	8	20	5	2	5	10	1	4	1	7	9	15	11	8	2	1	0	11	4	1	0	14	0	0
February	8.4	SW.	26	SW.	0	8	9	2	1	9	14	4	9	0	14	1	13	8	7	0	0	1	7	3	0	0	10	1	0
March	8.6	SW.	24	S.	0	7	13	2	6	13	15	2	4	0	8	7	16	13	12	0	0	1	12	1	0	0	1	5	0
April	7.3	NE.	30	SW.	0	6	18	4	1	10	10	5	6	0	8	10	12	12	10	0	0	0	13	2	0	0	0	4	0
May	7.0	NE.	26	NW.	0	8	19	3	4	8	12	5	2	1	7	11	13	13	10	0	0	0	9	0	0	0	0	6	0
June	7.2	SW.	26	SW.	0	6	12	0	5	7	24	3	3	0	9	14	7	7	5	0	0	0	2	0	0	12	0	3	0
July	6.3	SW.	25	SW.	0	3	12	7	4	10	19	5	2	0	2	13	16	16	11	0	0	0	14	1	0	12	0	16	0
August	6.4	NE.	20	NE.	0	7	21	4	3	9	11	5	2	0	6	13	12	10	8	0	0	0	9	1	0	12	0	5	0
September	5.9	NE.	21	NW.	0	8	27	7	4	5	3	1	4	1	12	5	13	8	7	0	0	0	20	4	0	2	0	3	0
October	6.3	NE.	20	SW.	0	8	22	5	5	10	6	1	3	2	15	13	3	7	3	0	0	0	12	2	0	0	0	0	0
November	7.0	NE.	21	N.	0	11	16	3	5	8	5	4	7	1	11	8	11	8	5	1	0	0	12	3	0	0	4	1	0
December	7.4	SW.	23	NW.	0	11	14	2	3	5	13	5	8	1	14	6	11	9	7	3	3	0	10	1	6	0	20	0	0
Year	7.2	NE.	30	SW.	0	91	209	44	43	99	142	41	54	7	113	110	142	122	93	6	4	2	131	22	7	38	49	44	0

CHATTANOOGA, TENN.

[H=689 ft.; H_b=762 ft.; h_t=71 ft.; h_r=64 ft.; h_a=214 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.01 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.5	NE.	28	SE.	0	11	13	5	4	6	2	10	5	6	9	8	14	11	7	2	1	0	5	1	1	0	13	0	0
February	9.2	W.	27	W.	0	4	8	1	6	11	4	9	12	1	9	6	13	11	7	3	1	0	3	0	1	0	6	0	0
March	9.7	S.	34	NW.	1	5	2	2	9	19	10	10	4	1	6	14	11	14	13	1	1	0	1	0	0	0	1	6	0
April	7.9	W.	32	W.	1	10	10	3	2	10	5	11	7	2	9	8	13	13	10	0	0	0	6	2	0	0	0	6	0
May	7.4	W.	31	N.	0	5	6	10	5	10	7	11	4	4	9	13	9	12	12	0	0	1	2	0	0	1	0	7	0
June	7.0	W.	31	W.	0	4	6	7	4	5	6	17	8	3	9	11	10	11	10	0	0	0	0	0	0	8	0	10	0
July	6.7	SE.	29	S.	0	5	4	8	11	5	4	16	7	2	10	17	4	11	8	0	0	0	0	0	0	23	0	11	0
August	6.5	NE.	28	W.	0	12	10	8	8	6	5	6	3	4	13	11	7	9	8	0	0	0	1	1	0	18	0	9	0
September	6.0	NE.	18	NW.	0	12	7	7	8	3	0	8	7	8	14	13	3	3	3	0	0	0	4	0	0	9	0	1	0
October	6.1	NE.	23	SE.	0	11	8	4	5	9	3	3	6	13	12	13	6	3	3	0	0	0	6	2	0	0	0	0	0
November	7.8	NE.	31	W.	0	13	10	0	8	4	1	6	11	7	10	7	13	8	7	0	0	0	2	1	0	0	5	1	0
December	8.8	NW.	31	NW.	0	12	5	3	4	7	4	8	15	4	11	5	15	6	6	10	3	0	0	0	4	0	19	0	0
Year	7.6	W.	34	NW.	2	104	89	58	74	95	51	115	89	55	121	126	118	112	94	16	6	1	26	5	6	59	44	51	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

CHEYENNE, WYO.

[ϕ=41°8′ N.; λ=104°48′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	23.96	24.51	23.40	27.4	42.1	36.2	45.3	21.3	33.3	62	−23	13	14	15	54	34	42	0.080	0.083	0.084	0.18	0.15	2.0	3.2	5.1	4.2	4.4
February	24.02	24.55	23.51	25.6	41.7	36.2	45.4	20.0	32.8	66	−8	13	16	17	60	39	49	.079	.091	.094	.69	.45	8.6	3.4	5.6	5.5	5.0
March	23.83	24.13	23.32	27.5	43.5	41.5	47.7	22.5	35.1	69	12	16	17	17	63	37	40	.091	.096	.095	.32	.11	2.6	5.0	5.3	6.1	5.6
April	23.90	24.32	23.47	30.6	44.0	43.2	49.4	26.5	38.0	69	10	23	24	26	75	50	56	.124	.130	.138	2.95	1.05	27.2	6.5	7.2	7.6	6.9
May	23.97	24.26	23.57	38.5	49.2	46.6	53.5	35.8	44.6	74	26	34	35	37	86	64	74	.204	.215	.225	5.80	1.78	1.2	8.3	8.2	8.6	8.3
June	24.00	24.22	23.79	51.3	69.3	66.7	72.9	46.7	59.8	87	37	43	40	43	74	39	47	.279	.254	.289	2.75	1.38	T	3.7	5.2	6.5	5.0
July	24.13	24.39	23.90	59.0	80.3	75.2	83.8	55.7	69.8	93	47	48	44	47	63	30	40	.343	.292	.329	1.94	.92	.0	4.0	3.6	6.5	3.9
August	24.10	24.29	23.87	57.3	77.2	75.4	81.6	54.1	67.8	93	44	44	42	43	63	31	35	.289	.272	.285	.60	.50	.0	5.2	3.9	5.2	4.8
September	24.05	24.30	23.81	46.8	68.2	65.1	72.2	43.4	57.8	88	27	36	36	39	69	40	43	.217	.220	.238	1.72	.80	3.2	3.1	4.6	4.3	4.2
October	23.99	24.38	23.54	34.8	55.7	49.4	59.3	30.1	44.7	77	2	26	27	28	70	38	47	.140	.149	.153	.26	.09	2.7	4.6	4.7	5.4	4.6
November	23.94	24.23	23.52	27.5	41.7	33.8	44.3	21.7	33.0	58	3	17	20	21	66	44	58	.092	.104	.108	.32	.15	3.4	5.6	4.8	6.5	5.5
December	23.93	24.25	23.40	25.4	39.6	29.1	42.2	16.7	29.4	56	5	12	15	14	58	38	52	.075	.084	.081	.07	.06	.7	3.7	5.5	4.3	4.6
Year	23.98	24.55	23.32	37.6	54.3	49.9	58.1	32.9	45.5	93	−24	27	28	29	67	40	49	.168	.166	.177	17.69	1.76	51.6	4.7	5.3	5.9	5.3

CHICAGO, ILL.

[ϕ=41°47′ N.; λ=87°35′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.42	29.96	28.50	22.8	26.5	27.2	32.8	18.5	25.6	46	−7	18	18	20	80	70	74	0.112	0.114	0.124	2.34	1.19	6.0	5.6	6.4	6.1	6.8
February	29.34	29.85	28.72	27.9	30.7	30.9	34.7	21.6	29.6	46	4	23	23	24	86	72	75	.127	.127	.134	1.59	.58	6.7	8.2	8.7	8.8	8.5
March	29.26	29.80	28.79	37.8	45.0	43.1	49.1	33.5	41.3	72	22	32	33	34	78	64	70	.188	.201	.209	3.48	.96	4.5	6.0	7.4	6.6	6.9
April	29.26	29.57	28.84	40.7	46.2	44.8	49.4	38.7	44.0	84	28	34	34	35	77	65	70	.199	.203	.208	1.77	.97	.6	6.7	6.8	7.7	6.9
May	29.33	29.74	28.99	56.0	54.6	52.0	58.0	46.1	52.0	76	36	42	42	40	76	65	67	.279	.276	.260	7.09	3.00	T	6.9	6.3	6.9	6.5
June	29.18	29.47	28.62	61.4	68.3	66.3	72.7	57.5	65.1	84	49	54	55	56	79	65	70	.437	.448	.455	5.03	1.58	.0	6.0	7.0	6.8	6.7
July	29.28	29.51	29.05	72.8	80.2	78.4	84.2	69.5	76.8	95	60	66	67	67	80	63	69	.645	.669	.666	3.05	.72	.0	5.3	5.5	5.0	5.3
August	29.28	29.55	29.02	69.3	77.6	75.5	80.5	66.4	73.4	93	50	63	63	64	80	63	67	.590	.611	.614	3.56	1.23	.0	5.4	5.3	4.9	5.4
September	29.32	29.59	28.89	59.5	70.8	67.3	74.4	57.2	65.8	90	41	52	53	55	78	58	67	.407	.424	.459	3.28	1.99	.0	4.9	4.6	4.6	4.6
October	29.42	29.93	28.83	48.5	58.9	56.0	62.0	46.5	54.2	83	35	41	42	44	76	55	66	.271	.285	.306	1.68	.65	T	5.2	5.5	4.8	5.1
November	29.37	29.85	28.74	37.2	41.1	41.6	45.2	34.1	39.6	65	17	32	32	34	80	71	74	.185	.195	.205	3.62	1.48	.5	8.9	7.7	7.7	8.1
December	29.38	29.87	28.90	23.4	26.9	27.0	30.7	19.7	25.2	46	−3	19	20	21	81	73	76	.112	.117	.120	1.24	.45	8.2	6.8	8.2	7.5	7.6
Year	29.32	29.96	28.50	45.9	52.2	50.8	56.1	42.7	49.4	95	−7	40	40	41	79	65	70	.296	.308	.313	37.73	3.00	26.5	6.3	6.6	6.4	6.5

CINCINNATI, OHIO

[ϕ=39°9′ N.; λ=84°31′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.51	29.99	28.81	29.7	35.5	34.1	42.1	24.7	33.4	60	4	26	27	26	84	70	73	0.159	0.163	0.162	2.86	0.95	7.9	6.8	5.8	5.9	6.2
February	29.40	29.91	28.98	30.4	37.6	36.9	43.4	27.1	35.2	59	9	25	27	28	82	66	72	.142	.154	.163	1.08	.34	.3	7.7	7.5	7.1	7.7
March	29.34	29.81	28.90	44.5	53.4	52.8	58.1	40.7	49.4	74	25	37	38	40	76	58	64	.237	.244	.264	6.03	2.07	.1	7.9	7.0	6.6	7.4
April	29.27	29.54	28.95	45.6	54.8	53.5	59.1	41.9	50.5	84	25	38	38	39	77	59	64	.240	.242	.248	2.26	.60	.4	7.3	7.0	7.5	7.5
May	29.35	29.72	29.06	55.2	65.0	62.3	69.4	50.1	59.8	82	36	46	47	48	74	57	62	.331	.347	.346	4.67	1.62	.0	6.9	6.2	7.8	7.0
June	29.28	29.51	28.86	65.5	74.1	70.6	78.8	59.6	69.2	90	47	59	59	59	79	62	70	.508	.520	.520	3.98	1.18	.0	5.7	6.7	7.2	6.7
July	29.34	29.62	29.09	73.5	85.7	78.6	89.1	68.5	78.8	99	63	67	68	68	81	58	72	.671	.698	.691	1.48	.36	.0	4.5	5.1	6.4	5.4
August	29.34	29.56	29.14	69.3	81.6	76.4	85.2	65.8	75.5	97	46	65	66	65	86	61	70	.635	.663	.646	4.56	1.37	.0	5.8	6.0	5.6	6.0
September	29.39	29.60	29.09	58.4	75.4	69.3	78.5	55.7	67.1	91	37	55	57	56	89	55	63	.443	.473	.456	2.12	.86	.0	3.2	4.1	3.8	3.7
October	29.51	29.89	28.99	49.0	64.8	59.4	68.5	46.0	57.2	87	30	44	45	45	86	53	62	.312	.328	.325	1.95	.87	.0	5.9	4.9	4.6	5.6
November	29.45	29.96	29.00	40.4	46.3	45.3	50.8	37.4	44.1	76	20	36	37	37	85	72	74	.229	.243	.242	2.49	.73	T	7.1	8.4	7.8	8.3
December	29.45	29.92	28.99	25.5	29.9	28.3	33.1	21.2	27.2	53	−6	22	23	22	86	74	76	.127	.132	.129	1.92	.61	9.7	8.1	8.2	7.4	8.1
Year	29.39	29.99	28.81	48.9	58.7	55.6	63.0	44.9	54.0	99	−6	43	44	44	82	62	68	.336	.351	.349	35.60	2.07	18.4	6.4	6.4	6.5	6.6

CLEVELAND, OHIO

[ϕ=41°30′ N.; λ=81°42′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.31	29.88	28.49	27.5	30.3	29.4	36.3	21.5	28.9	58	4	22	24	23	80	75	75	0.136	0.141	0.135	2.15	0.54	4.2	8.0	8.1	7.5	7.9
February	29.20	29.76	28.73	26.7	30.1	30.0	35.1	22.0	28.6	53	6	23	24	24	85	77	78	.128	.133	.135	3.26	.60	20.9	7.8	8.7	7.1	8.2
March	29.18	29.74	28.70	38.5	43.9	44.1	52.2	34.1	43.2	72	18	31	31	32	74	64	65	.179	.189	.189	2.06	.47	1.4	6.9	6.2	6.7	6.7
April	29.13	29.41	28.60	41.9	45.3	45.9	51.2	38.1	44.6	79	22	34	35	34	75	69	66	.202	.208	.196	1.34	.56	3.6	6.6	6.1	6.8	6.6
May	29.22	29.55	28.89	50.2	55.0	55.1	60.0	46.8	53.4	82	36	40	41	40	71	63	60	.258	.269	.259	1.87	.45	.0	6.0	5.7	5.1	5.7
June	29.11	29.42	28.72	63.7	68.1	68.6	73.3	58.6	66.0	85	49	55	55	55	74	64	63	.438	.442	.439	1.45	.45	.0	6.1	6.0	5.2	6.0
July	29.18	29.45	28.91	73.1	78.1	77.8	83.4	69.1	76.2	92	63	65	64	64	76	63	64	.619	.603	.605	2.61	1.05	.0	4.9	4.9	4.7	4.6
August	29.19	29.46	28.91	69.2	74.7	73.7	78.1	66.0	72.0	92	51	61	62	62	76	66	68	.561	.571	.581	5.70	2.15	.0	6.8	6.1	5.5	6.1
September	29.23	29.49	28.84	59.1	67.1	65.9	71.3	56.1	63.7	87	39	51	52	52	74	59	62	.378	.394	.404	2.78	1.20	.0	4.7	4.1	4.4	4.4
October	29.35	29.69	28.63	49.3	57.9	55.9	61.3	46.7	54.0	78	36	40	41	41	73	56	59	.264	.267	.272	1.69	.53	.3	4.9	5.0	4.7	4.9
November	29.27	29.78	28.76	41.2	44.9	44.2	49.5	37.7	43.6	77	25	36	36	36	80	71	74	.219	.221	.225	1.71	.61	.9	8.9	8.5	8.2	8.7
December	29.22	29.74	28.81	26.1	28.6	27.2	31.6	22.2	26.9	52	0	23	24	23	88	82	84	.132	.135	.132	2.83	.36	23.0	9.3	9.3	9.3	9.4
Year	29.22	29.88	28.49	47.2	52.0	51.5	56.9	43.2	50.1	92	0	40	41	40	77	67	68	.293	.298	.298	29.45	2.15	54.3	6.7	6.6	6.3	6.6

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

CHEYENNE, WYO.

[H=6,139 ft.; H_b=6,144 ft.; h_t=6 ft.; h_r=15 ft.; h_a=44 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction of time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	12.2	W.	36	W.	5	7	0	1	1	8	6	23	16	0	13	11	7	3	1	5	3	0	0	0	3	0	26	0	0
February	11.2	NW.	38	W.	1	3	4	1	0	7	6	10	25	0	10	9	9	5	4	8	5	0	0	0	5	0	27	0	0
March	14.8	W.	46	W.	11	3	0	1	4	9	6	24	15	0	7	15	9	7	4	10	6	0	3	0	3	0	27	1	0
April	13.0	NW.	37	NW.	4	10	4	2	8	5	7	7	17	0	4	12	14	13	8	14	10	0	4	4	3	0	22	2	0
May	10.7	SE.	30	NW.	0	12	7	1	13	11	4	7	7	0	1	9	21	24	19	8	5	4	17	11	0	0	8	8	0
June	9.2	W.	29	W.	0	1	13	1	9	8	7	10	11	0	9	15	6	12	10	1	0	3	5	2	0	0	0	12	0
July	7.8	W.	28	W.	0	6	1	1	6	9	8	21	10	0	10	14	7	12	9	0	0	1	0	0	0	6	0	14	0
August	8.8	S.	25	W.	0	7	2	4	6	14	7	11	11	0	10	16	5	6	1	0	0	0	0	0	0	2	0	5	0
September	9.9	NW.	29	W.	0	6	9	4	2	6	8	9	14	2	14	9	7	5	5	2	2	0	7	1	0	0	3	2	0
October	10.7	NW.	42	NW.	4	5	4	0	5	10	4	15	19	0	12	13	6	5	2	8	5	0	6	3	2	0	12	1	1
November	13.4	NW.	49	W.	8	8	2	2	0	4	7	16	20	1	10	9	11	7	3	11	7	0	4	3	4	0	28	0	0
December	13.4	NW.	42	W.	4	8	3	1	0	8	3	14	25	0	12	10	9	2	1	6	2	0	4	0	1	0	31	0	0
Year	11.3	NW.	49	W.	37	76	49	19	54	99	73	167	190	3	112	142	111	101	67	73	45	8	50	24	21	8	154	45	1

CHICAGO, ILL.

[H=594 ft.; H_b=673 ft.; h_t=7 ft.; h_r=3 ft.; h_a=131 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.3	NW.	35	W.	2	3	7	3	7	9	10	10	13	0	8	6	17	12	8	14	8	0	7	4	13	0	26	1	0
February	11.2	SW.	32	NW.	2	7	7	4	3	3	11	8	13	0	1	7	20	12	9	15	8	1	6	1	8	0	26	1	0
March	12.0	SW.	29	SW.	0	3	10	8	10	6	11	7	7	0	7	6	18	13	9	10	6	0	4	1	2	0	11	3	0
April	11.5	NE.	32	NW.	1	6	25	10	5	4	2	1	7	0	4	10	16	11	7	3	3	0	2	0	0	0	3	2	0
May	10.5	NE.	29	E.	0	13	21	10	6	4	4	3	1	0	8	7	16	13	13	1	0	1	6	1	0	0	0	5	0
June	8.9	W.	25	SW.	0	5	8	5	6	9	9	14	4	0	6	10	14	12	11	0	0	0	8	1	0	0	0	8	0
July	8.0	SW.	26	W.	0	8	11	6	6	7	10	7	6	1	11	7	13	10	8	0	0	0	2	1	0	5	0	13	0
August	8.5	W.	24	SW.	0	3	6	8	8	10	5	13	9	0	8	14	9	13	10	0	0	0	1	0	0	4	0	13	0
September	9.9	SW.	29	SW.	0	0	11	5	8	10	13	9	4	0	11	12	7	8	5	0	0	0	1	0	0	1	0	3	0
October	9.6	S.	27	NW.	0	7	2	2	12	11	10	9	9	0	13	7	11	11	8	3	0	0	2	0	0	0	0	1	0
November	11.2	SW.	27	SW.	0	3	13	2	4	11	10	9	8	0	3	6	21	14	9	6	2	0	6	0	2	0	10	2	0
December	10.6	NW.	26	NW.	0	0	2	2	10	6	12	14	16	0	5	6	20	13	8	17	11	0	7	1	17	0	26	0	0
Year	10.3	NE.	35	W.	5	58	123	65	85	90	107	104	97	1	85	98	182	142	105	69	38	2	52	10	42	10	102	52	0

CINCINNATI, OHIO

[H=553 ft.; H_b=627 ft.; h_t=11 ft.; h_r=3 ft.; h_a=51 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.8	S.	33	W.	1	6	10	5	5	14	7	9	6	0	12	3	16	9	6	7	3	0	5	2	9	0	25	0	0
February	9.4	SW.	27	W.	0	8	8	3	1	12	11	6	7	0	3	7	18	9	4	12	1	0	1	0	4	0	23	1	0
March	9.5	S.	28	W.	0	2	10	4	6	22	8	4	6	0	7	4	20	17	14	4	2	0	4	1	0	0	9	4	0
April	7.8	NE.	28	W.	0	10	19	3	3	2	4	11	8	0	5	7	18	12	9	2	1	0	3	0	0	0	3	2	0
May	7.3	NE.	24	SW.	0	14	18	6	3	7	3	7	4	0	6	6	19	17	15	0	0	1	3	1	0	0	0	7	0
June	6.6	SW.	24	SW.	0	5	7	2	2	13	24	6	1	0	7	7	16	16	12	0	0	0	4	1	0	2	0	5	0
July	5.7	SW.	21	SW.	0	8	13	6	1	6	22	2	4	0	10	10	11	12	12	0	0	0	7	0	0	14	0	13	0
August	6.1	SW.	18	NE.	0	6	15	1	12	4	16	6	2	0	7	13	11	10	10	0	0	0	4	0	0	11	0	8	0
September	5.5	SW.	15	W.	0	9	11	4	7	7	14	2	6	0	18	6	6	7	6	0	0	0	11	0	0	4	0	1	0
October	5.9	SW.	22	SW.	0	4	10	5	8	14	13	4	4	0	11	6	14	9	8	0	0	0	10	4	0	0	1	4	0
November	7.6	S.	22	SW.	0	9	12	3	4	11	14	4	3	0	3	3	24	11	8	2	0	0	6	3	1	0	8	0	0
December	8.5	W.	29	W.	0	2	8	3	4	9	14	17	5	0	5	3	23	16	10	21	12	0	1	0	14	0	25	0	0
Year	7.4	SW.	33	W.	1	83	141	45	56	121	150	78	56	0	94	75	196	145	114	48	19	1	59	12	28	31	94	45	0

CLEVELAND, OHIO

[H=651 ft.; H_b=762 ft.; h_t=267 ft.; h_r=264 ft.; h_a=318 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	15.6	S.	48	W.	10	9	3	3	8	17	3	12	7	0	5	4	22	15	11	18	8	0	5	2	14	0	25	0	0
February	14.5	W.	48	N.	6	8	5	1	6	7	14	10	5	0	2	5	21	20	14	18	16	0	4	0	11	0	26	1	0
March	16.4	S.	46	S.	9	10	10	0	10	14	6	8	4	0	5	11	15	15	11	7	5	0	4	0	2	0	13	4	0
April	13.3	W.	43	N.	7	12	13	3	8	3	3	14	4	0	8	6	16	10	4	3	2	0	4	0	0	0	3	0	0
May	11.2	N.	33	SW.	5	19	9	5	4	2	6	11	6	0	11	5	15	10	10	0	0	1	2	0	0	0	0	1	0
June	11.7	S.	40	W.	5	8	7	2	7	13	7	14	2	0	5	15	10	10	6	0	0	0	1	0	0	0	0	3	0
July	10.4	N.	41	W.	2	9	8	3	4	15	7	6	10	0	11	13	7	11	9	0	0	0	0	0	0	4	0	8	0
August	12.3	SE.	46	W.	5	5	5	5	6	16	9	10	7	4	0	6	14	11	11	10	0	0	0	0	0	2	0	8	0
September	13.5	S.	35	NW.	3	7	6	6	8	18	6	4	5	0	11	11	8	8	7	0	0	0	0	0	0	0	0	3	2
October	14.5	S.	50	W.	3	5	3	3	13	16	9	6	7	0	11	10	10	10	8	2	1	1	4	0	0	0	0	1	0
November	15.4	S.	37	W.	4	6	7	6	7	13	15	1	5	0	2	5	23	15	9	5	3	0	5	1	2	0	7	0	0
December	15.4	SW.	40	NW.	8	0	1	7	7	8	14	11	14	0	1	1	29	26	19	24	23	0	4	1	14	0	27	1	0
Year	13.7	S.	50	W.	67	98	77	45	98	135	100	104	73	0	78	100	187	161	118	77	58	2	33	4	43	6	101	30	2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

COLUMBIA, MO.

[ϕ=38°57′ N.; λ=92°20′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.33	29.83	28.50	28.2	34.0	----	40.3	24.3	32.3	67	−3	24	26	----	82	73	----	0.143	0.160	----	1.74	0.98	1.3	6.3	6.7	----	6.7
February	29.26	29.79	28.66	31.3	38.4	----	44.0	29.6	36.8	76	11	26	28	----	80	68	----	.143	.160	----	.85	.36	T	6.5	7.3	----	6.6
March	29.11	29.61	28.64	44.8	53.4	----	59.6	40.6	50.1	81	20	38	38	----	77	60	----	.242	.249	----	2.88	.83	1.6	7.4	6.8	----	6.4
April	29.10	29.41	28.80	45.5	55.5	----	60.5	43.7	52.1	83	30	39	41	----	78	61	----	.244	.268	----	2.66	.97	T	6.1	7.5	----	6.7
May	29.13	29.57	28.75	55.1	63.6	----	67.7	52.1	59.9	84	39	50	52	----	85	68	----	.376	.404	----	8.19	1.88	.0	8.1	7.5	----	7.4
June	29.07	29.31	28.60	64.9	74.7	----	78.2	61.0	69.6	89	50	60	61	----	85	64	----	.534	.560	----	5.72	1.31	.0	6.6	6.0	----	5.8
July	29.17	29.38	28.98	74.5	86.9	----	90.6	70.7	80.6	97	63	69	71	----	84	61	----	.713	.771	----	3.89	1.95	.0	3.6	3.7	----	3.5
August	29.15	29.36	28.94	69.9	84.2	----	87.8	67.4	77.6	100	54	64	63	----	81	51	----	.609	.607	----	.27	.16	.0	3.3	4.7	----	3.9
September	29.20	29.44	28.93	59.4	76.5	----	79.6	58.0	68.8	93	38	54	56	----	84	51	----	.431	.459	----	2.77	1.45	.0	3.3	3.2	----	3.4
October	29.29	29.79	28.85	49.3	62.0	----	66.3	46.7	56.5	84	27	45	47	----	87	60	----	.325	.346	----	3.81	1.17	.0	5.4	6.3	----	6.5
November	29.26	29.68	28.67	37.6	43.8	----	48.3	34.2	41.2	76	19	33	35	----	83	72	----	.201	.218	----	6.71	2.75	T	6.8	6.8	----	7.2
December	29.31	29.77	28.73	25.5	32.7	----	38.3	22.8	30.6	57	0	21	24	----	81	68	----	.121	.137	----	.97	.50	2.8	5.8	5.9	----	5.2
Year	29.20	29.83	28.50	48.8	58.8	----	63.4	45.9	54.7	100	−3	44	45	----	82	63	----	.340	.362	----	40.46	2.75	5.7	5.8	6.0	----	5.8

COLUMBIA, S. C.

[ϕ=34°00′ N.; λ=81°03′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.79	30.20	29.29	41.0	50.4	48.9	55.8	38.1	47.0	76	16	34	33	36	76	54	63	0.224	0.226	0.240	0.77	0.65	T	5.9	6.2	3.8	5.6
February	29.72	30.22	29.17	40.2	52.3	50.7	57.4	37.2	47.3	72	29	35	37	35	80	58	58	.218	.237	.223	1.37	.49	0.0	4.6	4.9	4.0	4.7
March	29.73	30.19	29.08	53.3	65.8	64.7	72.2	50.5	61.4	89	30	46	48	49	78	56	59	.336	.355	.368	2.87	1.60	.0	5.4	5.6	4.6	5.4
April	29.54	29.78	29.26	57.2	67.3	66.1	72.7	53.9	63.3	87	39	50	50	51	80	56	61	.384	.376	.387	2.30	1.28	.0	6.1	5.4	5.4	5.5
May	29.64	29.88	29.30	67.0	77.9	74.9	82.7	61.8	72.2	92	52	60	57	58	78	52	58	.523	.485	.492	2.46	2.02	.0	5.3	5.3	5.3	5.1
June	29.62	29.84	29.37	74.3	86.2	82.3	90.4	69.7	80.0	98	63	63	60	60	69	42	48	.583	.524	.523	2.06	1.43	.0	4.3	4.4	5.1	4.6
July	29.66	29.97	29.33	75.2	84.8	80.2	89.3	71.6	80.4	96	66	71	69	69	87	61	70	.752	.711	.706	7.89	3.12	.0	7.0	6.0	6.8	6.6
August	29.64	29.78	29.48	74.7	84.4	81.7	88.8	71.1	80.0	101	62	69	67	68	84	58	66	.722	.676	.694	10.26	4.77	.0	5.5	5.4	4.8	5.2
September	29.65	29.94	28.95	68.4	79.0	75.1	82.7	65.5	74.1	93	55	63	62	64	84	58	71	.591	.572	.616	5.65	2.42	.0	5.0	4.3	4.6	4.5
October	29.82	30.14	29.39	56.8	72.2	67.7	76.5	53.3	64.9	87	35	50	50	52	80	47	58	.382	.379	.404	.54	.40	.0	3.9	3.5	1.8	3.6
November	29.73	30.12	29.43	50.6	62.3	58.4	65.8	48.5	57.2	80	25	45	44	45	82	54	63	.338	.344	.336	2.80	1.44	.0	5.0	4.6	4.2	4.6
December	29.74	30.23	29.22	33.3	43.6	41.9	47.4	31.5	39.4	66	17	26	26	28	74	52	58	.153	.153	.164	2.80	1.26	4.4	4.1	4.4	4.2	4.7
Year	29.69	30.23	28.95	57.7	68.8	66.0	73.5	54.4	63.9	101	16	51	50	51	79	54	61	.434	.420	.429	41.77	4.77	4.4	5.2	5.0	4.6	5.0

COLUMBUS, OHIO

[ϕ=39°58′ N.; λ=83°00′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.29	29.79	28.62	28.5	34.0	32.8	39.3	23.2	31.2	59	3	24	26	24	81	73	70	0.148	0.159	0.149	1.50	0.60	2.6	6.8	6.6	6.5	6.8
February	29.18	29.68	28.76	29.3	34.7	34.8	39.0	25.8	32.4	53	8	24	27	28	79	72	74	.134	.152	.156	1.39	.69	1.7	8.5	8.4	7.8	8.3
March	29.14	29.64	28.72	42.0	51.4	50.9	57.1	38.6	47.8	72	25	34	36	38	73	58	64	.205	.226	.246	2.81	1.25	T	7.6	6.9	6.5	6.6
April	29.07	29.33	28.72	44.2	52.9	52.1	57.5	40.7	49.1	84	22	36	37	38	74	60	63	.216	.230	.235	1.88	1.07	.5	6.8	7.3	7.1	7.1
May	29.16	29.49	28.87	53.6	63.3	61.5	67.6	48.4	58.0	83	36	43	42	46	68	50	59	.290	.284	.319	4.71	2.50	.0	6.2	6.0	6.6	6.1
June	29.08	29.34	28.68	65.7	75.0	72.4	78.9	59.6	69.2	92	46	57	56	57	75	54	61	.483	.469	.485	2.40	.96	.0	5.9	7.3	5.2	6.3
July	29.14	29.42	28.89	73.4	84.4	79.5	87.8	68.5	78.2	93	60	65	64	65	77	52	64	.631	.607	.626	4.83	1.82	.0	4.2	5.5	6.2	5.1
August	29.14	29.37	28.94	69.2	79.7	76.4	83.5	65.3	74.4	95	47	63	62	64	81	57	67	.598	.588	.616	6.61	2.69	.0	6.1	5.7	5.2	5.6
September	29.19	29.40	28.87	58.9	72.9	69.1	76.7	55.2	66.0	91	38	54	53	56	83	51	63	.422	.420	.456	2.80	1.22	.0	3.5	3.3	3.2	3.5
October	29.31	29.66	28.73	48.2	61.8	58.3	65.5	44.5	55.0	81	31	43	43	44	82	53	62	.290	.300	.316	1.26	.41	.0	5.2	5.7	3.7	5.4
November	29.24	29.76	28.78	40.2	46.6	45.2	50.5	37.3	43.9	75	22	36	37	38	84	69	76	.224	.214	.242	2.84	.95	1.1	7.5	8.1	7.5	7.7
December	29.22	29.69	28.83	25.2	29.5	26.7	31.9	20.6	26.2	52	−4	21	23	22	84	75	80	.124	.132	.128	2.32	.72	9.8	8.7	7.6	7.4	8.0
Year	29.18	29.79	28.62	48.2	57.2	55.0	61.3	44.0	52.6	95	−4	42	42	43	78	60	67	.314	.317	.331	35.35	2.69	15.7	6.4	6.5	6.1	6.4

CONCORDIA, KANS.

[ϕ=39°35′ N.; λ=97°41′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	28.67	29.23	27.88	22.5	33.8	32.4	41.2	19.9	30.6	67	−8	19	23	21	84	65	70	0.109	0.136	0.134	0.07	0.05	0.1	5.1	4.9	3.9	4.9
February	28.65	29.19	28.01	30.0	40.8	40.2	47.4	27.2	37.3	70	5	25	26	26	82	58	60	.137	.138	.145	.67	.24	1.8	5.9	5.9	5.5	5.7
March	28.45	28.97	27.78	40.8	54.7	54.0	59.7	37.1	48.4	84	10	28	27	27	64	40	42	.166	.155	.155	.47	.28	3.6	5.2	4.7	4.5	4.7
April	28.47	28.93	28.03	43.3	56.8	56.4	61.9	40.4	51.2	84	27	34	34	33	71	46	46	.208	.203	.202	.72	.34	T	6.3	5.6	6.1	6.0
May	28.50	28.97	28.02	52.3	61.4	60.8	65.5	49.8	57.6	83	37	48	47	48	86	64	68	.352	.345	.353	6.20	1.24	.0	7.4	8.0	8.2	7.8
June	28.46	28.74	28.11	63.7	74.5	74.6	79.4	59.8	69.6	93	43	59	59	59	84	60	60	.505	.319	.516	7.58	2.34	.0	5.5	6.2	4.4	5.4
July	28.51	28.80	28.24	76.2	92.9	92.2	96.7	73.0	84.8	107	64	66	63	64	71	38	41	.647	.583	.602	1.23	.58	.0	1.9	2.1	1.6	1.9
August	28.50	28.78	28.14	70.7	86.0	85.0	91.2	67.8	79.5	108	48	61	59	58	73	45	45	.545	.514	.489	5.83	4.75	.0	4.6	3.9	5.1	4.6
September	28.56	28.96	28.39	59.7	75.5	71.9	80.2	57.7	69.0	94	42	53	54	54	78	49	56	.410	.426	.427	7.14	2.31	.0	3.6	3.3	3.5	3.2
October	28.63	29.17	28.17	46.5	58.9	56.4	63.4	43.5	53.4	84	27	42	42	45	85	59	69	.289	.296	.320	2.14	1.17	.0	4.6	5.9	5.0	5.4
November	28.63	29.00	27.98	33.7	41.6	40.0	46.1	31.4	38.8	67	18	30	31	34	86	69	78	.169	.182	.199	1.29	.84	1.5	6.6	6.8	6.1	6.3
December	28.56	29.12	28.08	27.4	35.1	33.3	39.5	24.6	32.0	54	4	24	26	27	85	70	77	.131	.145	.149	.18	.11	.6	5.5	6.1	3.8	5.8
Year	28.56	29.23	27.78	47.2	59.3	58.1	64.4	44.4	54.4	108	−8	41	41	41	79	55	59	.306	.287	.308	33.52	4.75	7.6	5.1	5.3	4.8	5.1

Table 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

COLUMBIA, MO.

[H=740 ft.; H_b=784 ft.; h_t=6 ft.; h_r=3 ft.; h_a=84 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	8.7	N.	30	W.	0	7	0	3	7	3	3	1	6	1	7	6	18	8	7	3	1	0	4	2	7	0	22	0	0
February	9.5	SW.	27	SW.	0	4	2	3	2	2	6	2	7	0	4	11	13	5	3	5	0	0	2	0	3	0	19	1	0
March	10.5	SW.	34	SW.	1	5	5	3	6	2	7	2	1	0	5	10	16	9	6	4	1	0	2	0	0	0	8	4	0
April	9.3	N.	30	NW.	0	9	7	2	4	2	3	1	2	0	6	9	15	12	8	1	0	1	1	0	0	0	4	4	0
May	7.7	NE.	25	NW.	0	5	10	1	6	2	2	3	2	0	2	12	17	22	19	0	0	1	0	0	0	0	0	11	0
June	7.4	W.	23	W.	0	1	1	2	5	7	3	6	4	1	9	12	9	16	12	0	0	1	1	0	0	0	0	12	0
July	6.2	SE.	32	NW.	1	3	3	4	9	4	5	1	2	0	18	9	4	7	5	0	0	0	0	0	0	21	0	11	0
August	6.5	SW.	18	S.	0	5	4	4	5	5	2	6	0	0	15	12	4	4	2	0	0	0	0	0	0	16	0	3	0
September	7.0	SW.	21	N.	0	6	1	3	1	6	8	2	3	0	19	5	6	6	5	0	0	0	0	0	0	5	0	0	0
October	6.8	NW.	21	SW.	0	4	3	4	2	8	3	1	6	0	8	6	17	12	12	0	0	0	4	5	0	0	2	4	0
November	8.7	N.	24	SW.	0	6	3	2	4	4	3	6	2	0	9	1	20	14	7	1	0	0	2	1	1	0	12	3	0
December	8.7	NW.	32	NW.	1	2	2	2	5	7	0	6	7	0	10	10	11	8	6	11	4	0	1	1	8	0	25	0	0
Year	8.1	N.	34	SW.	3	57	41	33	56	52	45	37	42	2	112	103	150	123	92	25	6	3	17	9	19	42	92	53	0

COLUMBIA, S. C.

[H=312 ft.; H_b=347 ft.; h_t=67 ft.; h_r=58 ft.; h_a=73 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.0	NE.	24	SW.	0	8	27	3	1	2	11	3	7	0	11	6	14	8	6	1	1	0	4	3	0	0	9	0	0
February	7.9	NE.	21	S.	0	6	16	1	2	7	8	7	9	0	14	3	11	9	4	0	0	0	3	1	0	0	8	1	0
March	8.8	SW.	32	S.	1	5	11	2	2	15	15	5	6	1	10	9	12	8	6	0	0	0	0	0	0	0	1	5	0
April	7.0	W.	32	SW.	1	4	14	5	0	5	11	11	10	0	9	8	13	11	7	0	0	0	1	0	0	0	0	2	0
May	7.2	NE.	24	NW.	0	6	14	5	6	7	12	9	1	2	11	10	10	8	5	0	0	1	2	0	0	5	0	4	0
June	6.7	SW.	20	SW.	0	8	6	2	11	7	10	10	6	0	10	15	5	6	3	0	0	0	0	0	0	21	0	5	0
July	6.1	S.	27	N.	0	4	8	8	5	14	15	2	6	0	3	14	14	14	14	0	0	0	4	3	0	16	0	14	0
August	6.1	NE.	21	NW.	0	3	19	7	5	12	6	5	4	1	9	15	7	11	11	0	0	0	3	1	0	14	0	9	0
September	6.3	NE.	20	SE.	0	13	24	6	1	6	4	0	6	0	14	8	8	10	9	0	0	0	1	1	0	3	0	4	0
October	5.6	NE.	18	NE.	0	11	19	7	10	6	3	2	3	1	15	13	3	3	3	0	0	0	3	2	0	0	0	0	0
November	6.2	N.	18	S.	0	10	15	2	7	1	5	6	14	0	13	8	9	6	5	0	0	0	5	1	0	0	3	0	0
December	6.8	NW.	19	W.	0	10	10	1	3	3	9	9	16	1	15	5	11	9	7	3	2	0	1	0	1	0	18	0	0
Year	6.9	NE.	32	SW.	2	88	183	49	53	85	109	69	88	6	134	114	117	103	80	4	3	1	27	12	1	59	39	44	0

COLUMBUS, OHIO

[H=724 ft.; H_b=822 ft.; h_t=90 ft.; h_r=88 ft.; h_a=110 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	12.4	SE.	38	W.	5	8	5	8	9	10	5	11	6	0	6	7	18	10	7	10	3	0	7	1	10	0	25	0	0
February	10.7	S.	38	SW.	3	11	5	5	3	15	8	8	1	0	1	8	19	9	5	13	5	0	3	0	6	0	25	0	0
March	11.6	S.	39	SW.	3	8	9	9	2	23	3	3	5	0	6	11	14	15	12	7	0	0	1	0	0	0	9	2	0
April	8.9	NE.	43	SW.	2	12	14	8	1	10	1	9	5	0	6	6	18	9	8	2	2	0	3	0	0	0	3	0	0
May	8.4	NE.	33	SW.	1	12	16	10	4	8	2	7	3	0	9	6	16	14	11	0	0	1	3	0	0	0	0	6	0
June	9.2	S.	41	SW.	2	13	5	3	0	23	6	8	2	0	8	10	12	13	10	0	0	0	0	0	0	3	0	6	0
July	7.6	S.	30	S.	0	11	9	6	0	24	4	7	1	0	11	11	9	12	9	0	0	0	2	0	0	11	0	12	0
August	7.9	S.	37	SW.	1	12	11	7	0	23	3	3	3	0	9	13	9	12	8	0	0	0	4	0	0	6	0	9	0
September	7.1	S.	25	SW.	0	16	7	3	0	27	2	2	3	0	18	6	6	8	6	0	0	1	5	0	0	1	0	3	0
October	7.8	S.	36	SW.	1	13	3	9	5	21	5	4	2	0	9	11	11	11	7	0	0	0	6	1	0	0	1	4	0
November	9.5	S.	34	S.	2	15	5	3	5	19	7	5	1	0	4	4	22	12	11	5	2	0	11	1	1	0	7	0	0
December	9.7	W.	33	W.	1	6	6	7	3	14	7	19	0	0	3	9	19	20	10	20	15	0	3	0	14	0	25	0	0
Year	9.2	S.	43	SW.	21	137	95	78	32	217	53	86	32	0	90	102	173	145	104	57	27	2	48	3	31	21	95	42	0

CONCORDIA, KANS.

[H=1,375 ft.; H_b=1,392 ft.; h_t=50 ft.; h_r=42 ft.; h_a=58 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.6	N.	27	NW.	0	14	5	9	7	11	5	5	4	2	13	7	11	3	1	2	1	0	9	2	5	0	30	0	0
February	8.9	N.	26	N.	0	12	8	2	6	7	4	7	6	4	9	9	10	7	4	5	5	0	5	0	5	0	22	0	0
March	10.9	S.	32	N.	1	8	10	5	8	9	9	6	7	0	11	12	8	4	2	4	2	0	1	1	2	0	12	2	0
April	11.3	N.	31	N.	0	9	11	4	8	14	5	2	7	0	9	8	13	8	5	1	0	0	2	1	0	0	4	4	0
May	9.1	NE.	28	SE.	0	10	16	7	11	9	1	4	4	0	4	6	21	17	14	0	0	1	0	0	0	0	0	6	0
June	8.4	S.	26	S.	0	8	6	7	5	19	8	2	5	0	6	18	6	15	13	0	0	1	0	0	0	1	0	16	0
July	8.5	S.	26	SW.	0	1	0	5	4	32	16	1	3	0	27	4	0	7	6	0	0	0	0	0	0	30	0	5	0
August	8.2	S.	24	NE.	0	7	5	7	11	15	12	2	3	0	13	10	8	11	8	0	0	0	3	0	0	19	0	12	0
September	8.4	SW.	23	SE.	0	7	7	2	4	22	10	6	1	1	20	3	7	6	5	0	0	0	0	0	0	8	0	2	0
October	8.0	S.	28	NW.	0	8	6	3	12	17	4	5	6	1	10	9	12	9	5	0	0	0	6	3	0	0	4	4	0
November	8.6	S.	24	NE.	0	9	8	6	2	13	6	8	7	1	7	10	13	10	8	4	3	0	7	0	2	0	15	0	0
December	8.1	S.	25	NW.	0	12	3	3	7	15	6	9	6	1	8	12	11	3	2	7	1	0	5	0	7	0	26	0	0
Year	8.9	S.	32	N.	1	105	85	60	85	183	86	57	59	10	137	108	120	100	73	23	12	2	38	7	21	58	113	51	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

CORPUS CHRISTI, TEX.

[ϕ=27°49′ N.; λ=97°25′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	30.10	30.53	29.68	56.6	65.1	62.3	68.1	54.9	61.5	81	26	52	55	55	86	70	78	0.437	0.466	0.469	1.87	1.17	0.0	5.5	5.3	4.0	5.3
February	30.10	30.64	29.62	53.6	62.3	60.3	66.2	50.9	58.6	80	36	48	49	51	84	65	74	.368	.383	.406	.86	.65	.0	4.5	4.7	3.5	4.7
March	29.94	30.33	29.58	64.6	72.7	70.0	75.2	62.7	69.0	84	48	60	60	62	86	67	78	.542	.553	.578	2.06	1.86	.0	7.6	6.1	5.5	6.4
April	29.85	30.33	29.61	69.8	76.0	74.3	78.5	68.1	73.3	87	54	64	63	65	83	68	76	.621	.620	.651	1.16	.93	.0	6.6	6.3	6.2	6.2
May	29.84	30.08	29.45	74.7	80.5	78.4	82.5	72.0	77.2	88	54	70	70	70	86	71	77	.746	.742	.751	4.97	2.25	.0	6.7	5.9	4.9	5.6
June	29.87	30.03	29.64	79.2	85.2	82.9	86.8	76.8	81.8	90	70	74	75	75	86	72	77	.854	.859	.862	1.56	.68	.0	4.8	6.0	5.3	5.5
July	29.93	30.11	29.76	79.7	87.9	86.0	90.2	77.7	84.0	93	74	74	74	74	84	63	69	.852	.827	.849	1.37	.68	.0	4.1	4.8	3.1	4.0
August	29.90	30.09	29.79	79.5	89.0	85.6	90.9	78.4	84.6	94	75	75	74	75	87	63	72	.877	.855	.875	.43	.40	.0	2.6	3.2	3.0	3.3
September	29.90	30.11	29.72	75.1	82.9	81.4	85.2	73.5	79.4	93	60	72	71	72	90	68	73	.788	.773	.793	12.45	5.49	.0	5.3	7.0	6.6	6.0
October	30.01	30.35	29.83	71.5	79.8	77.5	82.5	70.2	76.4	88	53	68	69	70	89	70	78	.694	.715	.734	5.76	5.65	.0	3.5	4.3	3.6	4.0
November	30.06	30.42	29.69	61.3	69.1	67.4	73.1	59.1	66.1	84	40	57	58	60	87	70	79	.504	.510	.551	.81	.55	.0	5.3	5.9	5.4	5.7
December	30.10	30.50	29.75	53.9	59.2	58.7	61.8	52.1	57.0	76	39	50	51	53	86	76	82	.382	.402	.423	5.69	2.16	.0	6.6	7.7	6.3	7.6
Year	29.97	30.04	29.45	68.3	75.8	73.7	78.4	66.4	72.4	94	26	64	64	65	86	69	76	.639	.642	.662	38.99	5.65	.0	5.3	5.6	4.8	5.4

DALLAS, TEX.

[ϕ=32°46′ N.; λ=96°47′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.59	30.00	29.13	42.9	52.1	53.3	58.6	39.8	49.2	80	8	36	40	40	78	64	62	0.240	0.268	0.268	3.33	1.61	T	5.6	6.5	5.1	6.0
February	29.58	30.07	29.07	42.9	53.2	55.3	59.1	40.0	49.6	76	22	35	38	38	75	58	55	.214	.241	.242	2.16	.82	0.2	3.9	4.4	4.2	4.6
March	29.41	29.84	29.00	56.2	66.5	67.8	72.4	52.4	62.4	84	30	49	46	47	78	52	50	.383	.347	.344	.74	.21	.0	6.7	6.0	6.4	7.0
April	29.35	29.81	29.07	66.5	66.6	69.8	72.6	54.1	63.4	91	43	50	50	50	80	60	54	.384	.393	.392	1.91	.97	.0	6.1	7.0	5.8	7.0
May	29.36	29.64	28.96	63.0	71.1	72.9	75.7	60.8	68.2	86	45	60	60	64	90	71	67	.527	.538	.540	6.84	3.24	.0	7.8	6.5	4.6	6.5
June	29.36	29.55	29.03	71.9	82.3	82.9	85.4	69.7	77.6	93	61	68	67	66	87	62	59	.684	.666	.655	7.17	4.52	.0	5.7	5.2	5.8	5.9
July	29.42	29.58	29.24	76.6	89.8	89.8	93.8	75.3	84.6	104	70	71	70	70	84	54	54	.762	.747	.741	.53	.34	.0	3.6	4.4	3.9	4.1
August	29.38	29.59	29.25	76.3	90.0	90.4	94.4	74.9	84.6	105	63	70	68	68	81	50	50	.734	.696	.689	.26	.18	.0	2.6	3.3	2.5	3.0
September	29.44	29.64	29.29	67.2	78.3	77.9	81.7	66.0	73.8	91	50	62	62	62	84	60	62	.565	.573	.567	4.29	1.99	.0	5.4	5.8	5.2	5.3
October	29.51	29.87	29.20	61.6	73.0	72.7	77.2	59.7	68.4	87	43	57	58	58	86	62	62	.486	.498	.497	2.87	1.47	.0	5.5	5.6	4.1	5.5
November	29.56	29.89	29.06	47.8	54.6	54.6	60.0	44.1	52.0	80	35	43	43	44	85	70	70	.306	.305	.305	1.67	.84	.0	6.5	6.7	5.1	6.1
December	29.60	30.02	29.17	40.6	47.3	48.0	51.9	37.7	44.8	65	20	34	35	36	79	64	64	.212	.215	.220	.90	.65	T	5.5	6.4	6.3	6.3
Year	29.46	30.07	28.96	58.6	68.7	69.6	73.6	56.2	64.9	105	8	53	53	54	82	61	59	.458	.457	.455	32.67	4.52	.2	5.4	5.6	4.9	5.6

DAVENPORT, IOWA

[ϕ=41°30′ N.; λ=90°38′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.52	30.11	28.60	19.9	25.1	25.5	31.0	15.5	23.2	48	−10	16	18	20	84	74	78	0.103	0.115	0.121	1.57	0.67	2.0	5.3	6.6	5.2	6.4
February	29.44	29.93	28.80	26.9	31.0	31.3	35.7	24.1	29.9	47	3	23	24	26	84	72	78	.128	.133	.140	1.27	.57	2.1	7.2	7.7	6.8	7.8
March	29.31	29.86	28.80	38.0	44.6	45.5	50.6	33.8	42.2	72	14	32	33	34	79	66	67	.192	.201	.211	3.49	1.03	8.8	6.1	6.8	6.0	6.9
April	29.32	29.64	28.98	41.5	51.9	52.8	56.5	39.4	48.0	78	26	35	36	38	77	56	58	.210	.224	.237	2.24	1.40	.1	6.8	7.5	7.1	7.3
May	29.38	29.85	29.05	51.2	59.8	60.5	64.0	48.2	56.1	79	33	44	44	46	77	59	61	.299	.300	.321	6.55	2.20	.1	7.2	7.7	7.4	7.6
June	29.24	29.51	28.75	62.5	71.8	72.0	76.3	59.0	67.6	89	46	56	56	57	80	60	61	.466	.476	.490	5.12	2.14	.0	6.5	7.6	6.5	7.0
July	29.34	29.56	29.09	74.4	85.6	84.8	90.3	71.8	81.0	99	64	67	67	68	77	55	60	.661	.668	.709	2.25	.80	.0	4.3	5.2	4.6	5.0
August	29.34	29.60	29.05	68.5	80.7	78.8	85.2	65.9	75.6	95	47	62	61	63	82	52	60	.589	.566	.606	1.51	.80	.0	4.1	5.2	3.8	4.7
September	29.37	29.70	29.04	59.0	72.6	69.6	77.1	57.2	67.2	90	40	54	54	57	82	55	65	.422	.444	.482	4.05	1.42	.0	4.8	4.2	4.2	4.7
October	29.48	30.02	28.98	47.3	59.6	56.2	63.8	44.2	54.0	81	27	42	43	43	80	55	63	.277	.297	.297	1.96	1.22	.0	5.2	5.8	4.4	5.6
November	29.45	29.90	28.77	33.9	39.3	38.7	43.6	30.5	37.0	62	14	30	31	31	83	72	74	.172	.181	.183	4.66	3.10	.3	6.6	7.4	6.8	7.3
December	29.48	29.93	28.84	20.5	25.7	25.1	29.4	16.6	23.0	48	−9	16	19	20	83	74	79	.100	.111	.115	.91	.29	9.1	5.4	7.0	6.7	7.0
Year	29.39	30.11	28.60	45.3	54.0	53.4	58.6	42.2	50.4	99	−10	40	40	42	81	62	67	.302	.310	.326	35.58	3.10	22.5	5.8	6.6	5.8	6.4

DEL RIO, TEX.

[ϕ=29°20′ N.; λ=100°53′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.08	29.61	28.69	49.0	60.0	62.4	66.2	46.1	56.2	82	19	41	42	43	76	56	53	0.296	0.304	0.317	0.36	0.13	0.0	5.7	6.2	4.8	5.6
February	29.09	29.55	28.56	47.1	60.2	62.9	67.2	45.5	56.4	86	31	41	43	40	79	59	49	.272	.299	.271	.79	.33	.0	3.9	3.9	3.4	3.9
March	28.90	29.27	28.56	59.2	72.4	75.9	79.3	57.6	68.4	95	41	48	49	45	70	48	36	.370	.377	.323	2.34	2.33	.0	5.4	5.7	5.6	5.7
April	28.83	29.38	28.51	64.1	77.1	80.6	83.7	62.9	73.3	93	51	54	51	49	72	44	36	.452	.419	.386	.67	.31	.0	6.0	4.1	5.2	5.2
May	28.82	29.04	28.45	67.5	78.5	81.7	84.8	65.8	75.3	94	50	61	60	58	82	56	49	.565	.549	.509	4.89	1.91	.0	7.7	5.1	5.5	5.8
June	28.85	29.06	28.63	73.7	82.5	83.7	87.4	71.9	79.6	94	62	71	70	69	90	67	63	.751	.736	.708	13.71	8.88	.0	7.3	7.4	5.9	6.7
July	28.93	29.10	28.76	75.2	86.0	88.1	91.5	73.7	82.6	98	69	70	68	66	83	58	50	.722	.694	.639	2.77	1.06	.0	5.7	5.5	4.9	5.1
August	28.88	29.03	28.74	76.1	89.7	92.7	95.2	75.5	85.4	101	72	68	67	62	76	47	37	.686	.656	.561	.10	.10	.0	2.7	3.5	2.9	2.9
September	28.93	29.26	28.74	68.9	79.9	80.5	84.6	67.8	76.2	95	54	65	64	64	88	61	60	.640	.621	.602	5.86	3.10	.0	6.6	6.7	5.9	6.2
October	29.00	29.40	28.75	64.4	76.1	76.5	81.6	63.0	72.3	91	44	62	61	59	91	62	58	.561	.555	.516	.91	.55	.0	6.0	5.7	3.4	5.1
November	29.05	29.40	28.65	53.8	63.2	63.2	68.9	51.4	60.2	83	36	50	50	49	87	66	64	.388	.393	.384	.37	.16	.0	7.1	7.1	4.9	6.8
December	29.10	29.49	28.73	46.5	54.4	55.1	59.2	44.0	51.6	73	33	43	44	44	89	70	70	.292	.299	.305	1.85	.82	.0	7.3	7.3	6.2	7.4
Year	28.96	29.61	28.45	62.1	73.3	75.3	79.1	60.4	69.8	101	19	56	56	54	82	58	52	.500	.492	.460	34.62	8.88	.0	6.0	5.7	4.9	5.5

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

CORPUS CHRISTI, TEX.

[H=12 ft.; H_b=20 ft.; h_t=11 ft.; h_r=63 ft.; h_a=78 ft.]

Month	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Wind: Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: T or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Dense	Maximum temp.: 32° or below	Maximum temp.: 90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Electricity: Aurora
	Mi.		*Mi.*																										
January	10.7	S.	32	N.	1	8	10	12	7	18	3	2	2	0	11	10	10	4	3	0	0	0	5	4	0	0	2	1	0
February	11.0	N.	31	S.	0	13	6	3	12	11	2	7	2	0	14	2	12	5	3	0	0	0	5	2	0	0	0	0	0
March	14.2	S.	31	S.	0	3	8	5	11	31	1	0	3	0	6	10	15	7	5	0	0	1	3	2	0	0	0	5	0
April	12.5	SE.	30	N.	0	8	6	6	19	19	0	1	1	0	7	11	12	4	3	0	0	1	1	0	0	0	0	7	0
May	13.5	SE.	39	SE.	2	5	3	10	33	9	1	0	1	0	6	17	8	9	8	0	0	0	1	0	0	0	0	12	0
June	12.0	SE.	35	SE.	1	1	2	11	22	21	1	1	1	0	9	12	9	11	8	0	0	0	1	1	0	1	0	10	0
July	9.7	SE.	27	E.	0	0	0	3	23	21	5	7	3	0	15	13	3	8	6	0	0	0	0	0	0	21	0	8	0
August	10.3	S.	25	S.	0	0	1	3	25	20	6	6	1	0	16	14	1	2	1	0	0	0	0	0	0	24	0	4	0
September	9.6	SE.	26	N.	0	17	4	11	16	6	2	4	0	0	8	11	11	16	16	0	0	0	0	0	0	4	0	9	0
October	9.5	SE.	28	E.	0	8	7	10	17	12	1	6	1	0	16	8	7	4	2	0	0	0	5	2	0	0	0	3	0
November	11.0	NE.	32	S.	1	9	17	7	6	12	0	5	4	0	10	8	12	7	4	0	0	0	7	2	0	0	0	0	0
December	10.3	N.	31	N.	0	18	16	7	3	8	1	6	3	0	5	6	20	15	11	0	0	0	5	5	0	0	0	5	0
Year	11.2	S.	39	SE.	5	90	80	88	194	188	23	45	22	0	123	122	120	92	70	0	0	2	33	18	0	50	2	64	0

DALLAS, TEX.

[H=460 ft.; H_b=512 ft.; h_t=220 ft.; h_r=194 ft.; h_a=227 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.2	S.	36	NW.	3	12	10	7	10	11	3	4	4	1	11	9	11	4	4	2	0	0	7	2	1	0	7	3	0
February	12.6	N.	36	S.	4	13	3	5	1	12	6	5	10	1	13	6	9	9	7	1	1	0	3	1	0	0	4	2	0
March	14.8	S.	40	SW.	8	7	5	6	14	24	1	1	4	0	5	10	16	6	5	0	0	1	2	0	0	0	1	5	0
April	13.2	SE.	35	NE.	5	8	8	7	15	5	1	7	8	1	6	6	18	8	6	0	0	0	5	3	0	1	0	6	0
May	12.9	SE.	44	SW.	6	9	6	8	24	5	1	4	5	0	8	5	18	12	10	0	0	1	5	0	0	0	0	12	0
June	11.1	SE.	38	SW.	3	4	7	9	18	16	3	1	2	0	10	8	12	9	6	0	0	0	0	0	0	6	0	7	0
July	8.9	SE.	52	NE.	2	2	9	14	18	12	3	2	2	0	16	10	5	6	3	0	0	0	0	0	0	20	0	7	0
August	9.7	SE.	38	NE.	1	3	8	14	19	11	4	2	1	0	19	8	4	2	2	0	0	0	0	0	0	27	0	3	0
September	9.2	SE.	26	NW.	0	13	6	16	12	3	0	2	7	1	12	5	13	9	9	0	0	0	1	0	0	1	0	1	0
October	10.8	SE.	29	NW.	0	7	5	13	20	6	1	7	3	0	12	6	13	8	7	0	0	0	6	1	0	0	0	5	0
November	11.3	SE.	34	S.	2	8	3	9	14	4	3	6	13	0	10	3	17	9	5	0	0	0	6	2	0	0	0	2	0
December	10.9	N.	29	N.	0	12	4	13	10	3	4	9	6	1	7	9	15	6	3	1	0	0	7	2	0	0	7	1	0
Year	11.4	SE.	52	NE.	34	98	74	121	175	112	30	50	65	5	129	85	151	88	67	4	1	2	42	11	1	64	19	54	0

DAVENPORT, IOWA

[H=579 ft.; H_b=606 ft.; h_t=66 ft.; h_r=60 ft.; h_a=161 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.8	SW.	35	W.	2	6	11	4	7	5	11	7	11	0	11	2	18	10	7	11	6	0	6	5	15	0	27	0	0
February	10.4	NE.	30	NW.	0	9	10	4	4	1	11	3	14	0	4	6	18	9	7	11	5	0	5	2	10	0	25	0	0
March	11.2	NE.	37	SW.	2	3	10	5	6	8	12	8	9	1	7	6	18	12	11	8	5	0	3	3	1	0	16	2	0
April	11.8	NE.	38	NW.	2	6	20	4	12	1	6	1	10	0	3	11	16	12	7	5	2	0	3	0	0	0	4	2	0
May	9.9	NE.	28	NE.	0	4	26	3	15	3	5	1	5	0	5	4	22	16	13	1	1	0	1	0	0	0	0	8	0
June	9.2	SW.	27	NW.	0	0	11	2	4	9	15	3	16	0	6	8	16	12	12	0	0	1	5	3	0	0	0	10	0
July	7.7	SW.	27	NE.	0	5	7	5	3	11	23	1	6	1	11	9	11	11	8	0	0	0	1	0	0	16	0	9	0
August	7.9	SW.	26	NW.	0	4	7	7	11	8	8	6	10	1	11	11	9	8	7	0	0	0	5	1	0	8	0	8	0
September	8.5	SW.	25	NW.	0	3	9	1	4	7	21	5	7	3	13	8	9	13	9	0	0	0	6	2	0	1	0	5	0
October	8.8	SW.	28	SW.	0	5	5	2	11	8	8	9	14	0	9	10	12	7	4	0	0	0	7	3	0	0	3	1	1
November	10.4	NE.	27	SW.	0	3	15	0	4	10	10	5	13	0	7	3	20	14	7	7	3	0	6	1	2	0	12	1	0
December	10.0	NW.	35	NW.	1	5	5	1	12	5	10	9	15	0	8	3	20	9	6	15	7	0	3	2	17	0	28	0	0
Year	9.7	SW.	38	NW.	7	53	136	38	93	76	140	58	130	6	95	81	189	133	98	58	29	1	51	22	45	25	115	46	1

DEL RIO, TEX.

[H=957 ft.; H_b=944 ft.; h_t=64 ft.; h_r=56 ft.; h_a=71 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.6	SE.	34	NW.	1	2	1	13	22	7	0	4	8	5	11	6	14	5	3	0	0	0	1	0	0	0	3	0	0
February	9.2	NW.	30	NW.	0	9	3	11	12	2	2	5	10	2	17	2	9	8	5	0	0	0	3	1	0	0	2	0	0
March	10.5	SE.	57	W.	2	7	5	17	22	4	0	0	6	1	10	8	13	2	1	0	0	1	0	0	0	3	0	1	0
April	11.2	SE.	34	W.	2	7	3	12	24	5	0	1	8	0	9	12	9	3	3	0	0	0	0	0	0	3	0	3	0
May	11.5	SE.	34	SE.	2	4	4	18	26	3	0	1	4	2	8	12	11	13	12	0	0	2	0	0	0	8	0	13	0
June	10.3	SE.	40	NW.	1	1	0	18	33	5	1	0	1	1	2	16	12	11	9	0	0	0	0	0	0	10	0	6	0
July	8.9	SE.	24	N.	0	2	2	29	22	2	1	2	1	1	12	8	11	7	5	0	0	0	0	0	0	23	0	5	0
August	9.9	SE.	24	SE.	0	0	2	26	30	4	0	0	0	0	20	10	1	1	1	0	0	0	0	0	0	30	0	1	0
September	7.8	E.	21	N.	0	7	6	18	16	3	0	1	4	5	7	11	12	11	8	0	0	0	0	0	0	2	0	6	0
October	9.1	SE.	24	N.	0	3	4	14	31	2	0	1	4	3	12	9	10	5	4	0	0	0	0	0	0	1	0	2	0
November	8.7	SE.	27	NW.	0	5	3	8	24	5	0	3	10	2	7	4	19	9	3	0	0	0	4	1	0	0	0	0	0
December	7.0	SE.	23	NW.	0	7	2	6	21	3	2	3	10	8	5	6	20	15	8	0	0	0	10	1	0	0	0	0	0
Year	9.3	SE.	57	W.	8	54	35	190	283	45	6	21	66	30	120	104	141	90	62	0	0	3	18	3	0	80	5	37	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

DENVER, COLO.

[ϕ=39°45′ N.; λ=105°00′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	24.70	25.26	24.04	30.7	47.1	46.3	52.6	26.1	39.4	68	−13	13	13	12	48	27	26	0.079	0.079	0.074	0.03	0.02	0.8	1.7	5.4	5.2	4.5
February	24.76	25.30	24.20	28.7	45.1	45.7	50.4	25.7	38.0	75	2	14	14	13	54	34	31	.082	.086	.081	.90	.53	9.6	2.6	5.0	5.8	4.9
March	24.56	24.86	24.01	35.1	50.6	51.0	56.4	30.9	43.6	78	20	15	13	13	46	26	26	.085	.081	.083	.23	.23	3.0	4.0	5.2	5.5	5.1
April	24.61	25.10	24.14	38.3	51.4	52.3	56.6	34.4	45.5	78	18	25	23	24	63	38	39	.136	.126	.131	4.07	2.28	23.3	5.7	6.0	7.3	6.6
May	24.68	25.02	24.30	43.4	54.6	54.0	58.8	41.5	50.2	76	30	38	37	38	84	57	60	.237	.232	.239	4.95	1.61	.7	8.0	7.6	8.5	8.2
June	24.70	24.96	24.44	56.4	74.6	74.7	79.4	54.0	66.7	93	42	44	39	41	64	32	33	.287	.249	.263	.60	.54	.0	3.3	5.2	6.3	5.1
July	24.82	25.09	24.58	63.9	83.4	80.9	87.3	62.4	74.8	97	57	48	45	47	57	30	34	.339	.310	.337	1.32	.63	.0	2.6	3.6	6.8	4.3
August	24.79	25.04	24.48	63.1	80.1	79.1	85.3	61.8	73.6	97	55	50	46	47	65	33	37	.369	.317	.330	1.30	.63	.0	4.6	4.3	5.7	4.9
September	24.80	25.08	24.53	53.4	70.3	71.0	75.0	51.6	63.3	91	31	40	37	38	62	37	37	.250	.230	.238	1.60	.94	2.8	3.9	3.9	4.5	4.4
October	24.77	25.21	24.28	43.1	57.9	57.5	64.4	40.2	52.3	81	18	30	29	31	63	40	44	.171	.163	.177	1.36	.62	6.8	4.0	4.6	5.6	4.7
November	24.74	25.03	24.23	31.0	45.2	42.6	49.6	27.9	38.8	66	14	20	21	22	64	42	46	.103	.112	.117	.66	.42	5.7	4.4	5.4	5.3	5.0
December	24.73	25.07	24.25	26.8	43.6	39.8	46.5	23.2	34.8	65	15	13	15	16	55	31	37	.076	.083	.086	.21	.11	.5	2.4	4.4	4.0	4.1
Year	24.72	25.30	24.01	42.8	58.7	57.9	63.5	40.0	51.8	97	−13	29	28	28	60	36	38	.184	.172	.180	17.23	2.28	53.2	3.9	5.0	5.9	5.2

DES MOINES, IOWA

[ϕ=41°35′ N.; λ=93°37′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.30	29.84	28.35	19.5	24.9	25.0	30.7	15.3	23.0	50	−13	16	17	19	83	71	78	0.103	0.110	0.117	1.57	0.88	0.4	5.8	6.5	5.7	6.0
February	29.19	29.70	28.53	27.0	32.6	32.7	36.7	24.5	30.6	49	0	23	25	26	86	72	77	.129	.133	.146	1.32	.59	8.4	6.7	7.3	6.5	6.9
March	29.03	29.54	28.39	35.9	45.7	45.4	50.5	32.9	41.7	79	11	31	33	34	83	62	66	.184	.204	.209	1.10	.30	6.3	6.6	5.7	5.5	6.1
April	29.06	29.41	28.76	41.9	52.4	52.9	56.8	39.8	48.3	77	26	35	36	36	78	55	55	.216	.220	.221	.74	.57	.2	5.9	8.1	6.6	7.2
May	29.11	29.55	28.63	50.5	60.2	60.9	64.2	47.7	56.0	76	32	46	46	46	84	61	62	.315	.317	.327	7.18	1.68	.0	7.5	8.2	7.9	7.7
June	28.99	29.22	28.69	61.4	71.5	72.4	75.9	58.4	67.2	86	44	56	55	58	83	60	62	.475	.469	.496	7.75	2.07	.0	6.7	7.2	5.0	6.3
July	29.08	29.27	28.85	74.0	86.6	86.9	90.8	71.0	80.9	99	65	68	68	70	81	56	58	.688	.704	.738	3.06	.95	.0	4.1	3.9	4.1	4.0
August	29.07	29.34	28.75	67.0	81.3	80.2	85.2	64.9	75.0	98	46	62	62	62	84	52	56	.570	.577	.588	1.85	1.05	.0	3.9	4.8	3.4	3.9
September	29.11	29.49	28.83	57.9	72.9	69.8	76.8	55.6	66.2	89	39	53	54	56	84	54	63	.411	.439	.465	5.99	2.12	.0	4.0	4.3	3.2	4.0
October	29.21	29.74	28.77	45.6	58.2	55.3	63.1	41.4	52.2	84	26	41	41	41	83	55	61	.272	.278	.284	3.11	1.65	T	5.4	5.6	5.1	5.2
November	29.19	29.57	28.43	32.6	39.0	37.1	42.7	28.7	35.7	66	11	28	30	30	84	70	76	.161	.172	.176	2.68	1.36	.9	6.5	8.1	5.9	7.2
December	29.22	29.67	28.47	20.7	26.6	26.8	30.8	17.4	24.1	50	−6	17	19	22	85	72	80	.105	.115	.126	.80	.29	6.3	6.8	7.1	6.0	6.8
Year	29.13	29.84	28.35	44.5	54.3	53.8	58.7	41.5	50.1	99	−13	40	40	42	83	62	66	.302	.312	.324	37.15	2.12	22.5	5.9	6.4	5.4	5.9

DETROIT, MICH.

[ϕ=42°24′ N.; λ=83°00′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.46	30.05	28.56	22.9	27.0	25.2	31.2	18.4	24.8	48	0	19	20	20	82	74	78	0.113	0.120	0.116	2.33	1.21	1.4	7.2	7.8	6.5	7.4
February	29.36	29.93	28.80	22.9	28.1	26.4	31.6	17.2	24.4	46	−3	20	22	21	86	76	78	.113	.123	.117	1.75	.44	14.0	7.8	8.5	8.0	7.7
March	29.32	29.92	28.80	34.0	43.6	40.4	48.0	30.3	39.2	69	7	29	32	32	82	63	71	.167	.188	.185	1.85	.56	4.4	5.8	7.9	6.7	6.3
April	29.29	29.59	28.70	39.5	49.2	46.4	53.3	35.5	44.4	77	21	33	33	34	77	57	63	.192	.197	.201	2.39	1.43	.2	6.7	7.2	6.9	7.1
May	29.38	29.71	29.09	49.6	59.0	55.0	62.2	43.0	52.6	80	32	40	40	41	70	52	62	.252	.259	.270	3.61	2.06	.0	6.4	6.3	5.8	6.4
June	29.24	29.58	28.80	62.0	70.2	67.4	73.6	55.5	64.6	85	43	55	54	54	79	58	63	.445	.429	.428	4.00	.76	.0	7.9	7.1	6.4	6.7
July	29.31	29.56	29.05	72.7	82.7	78.7	85.8	66.6	76.2	94	59	65	64	64	77	56	62	.620	.620	.605	3.57	2.42	.0	5.4	5.8	5.5	5.8
August	29.33	29.63	29.04	67.4	76.6	73.2	80.3	62.9	71.6	96	46	62	61	61	84	61	67	.583	.570	.563	3.10	1.42	.0	6.1	6.7	5.5	6.5
September	29.36	29.65	28.91	56.2	69.4	63.9	73.1	50.7	61.9	92	34	50	50	51	82	51	65	.379	.374	.390	1.37	.63	.0	4.4	5.5	4.8	5.3
October	29.48	29.88	28.70	45.9	58.4	52.2	61.6	41.1	51.4	80	28	40	40	40	80	53	66	.255	.264	.265	1.24	.35	T	5.2	6.7	3.8	5.9
November	29.42	29.97	28.86	37.7	41.5	39.8	45.5	34.3	39.9	62	19	33	34	34	84	76	80	.200	.205	.208	3.43	1.75	.2	7.9	8.7	7.1	8.4
December	29.38	29.89	28.97	23.8	27.4	25.8	29.6	20.3	25.0	48	5	21	22	22	88	80	84	.120	.126	.124	1.66	.49	8.9	8.9	8.4	8.1	8.4
Year	29.36	30.05	28.56	44.6	52.8	49.5	56.3	39.6	48.0	96	−3	39	39	40	81	63	70	.287	.290	.289	30.30	2.42	29.1	6.6	7.2	6.3	6.8

DEVILS LAKE, N. DAK.

[ϕ=48°07′ N.; λ=98°52′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.52	29.05	27.81	−5.1	1.7	0.5	7.5	−12.1	−2.3	35	−36	−6	−2	−1	97	85	91	0.036	0.048	0.047	0.50	0.14	6.2	5.7	7.3	5.5	7.3
February	28.49	28.89	28.05	17.3	25.5	24.2	30.1	12.5	21.3	43	−11	16	20	20	93	78	85	0.94	.113	.116	.14	.10	1.0	5.8	6.2	5.4	6.2
March	28.28	28.75	27.69	18.4	26.0	25.6	31.0	14.4	22.7	56	−11	16	20	21	92	76	82	.100	.112	.120	.87	.62	5.1	5.4	7.7	7.0	7.4
April	28.46	28.86	28.02	30.9	42.0	40.9	46.0	29.2	37.6	67	10	28	30	31	88	64	69	.158	.175	.180	1.67	.96	1.1	6.5	6.7	7.3	7.1
May	28.49	28.88	28.06	43.6	56.3	55.2	59.4	39.6	49.5	78	31	37	35	37	78	49	55	.219	.209	.222	2.16	.75	.1	6.2	7.6	4.5	7.4
June	28.28	28.51	27.72	53.3	66.7	65.8	70.6	48.8	59.7	85	30	38	48	48	83	53	55	.348	.348	.383	1.97	.84	T	6.7	6.5	5.4	6.2
July	28.37	28.64	28.14	66.2	79.6	79.0	84.4	62.4	73.4	94	56	62	62	64	87	58	62	.561	.579	.605	5.23	1.75	.0	5.4	4.5	3.2	4.3
August	28.37	28.66	27.88	55.8	71.0	68.7	75.3	52.8	64.0	97	37	52	52	54	87	55	62	.401	.414	.443	4.52	.98	.0	4.6	4.8	5.2	4.9
September	28.40	28.87	28.00	45.2	64.1	58.9	68.0	42.7	55.4	87	25	40	41	43	83	45	59	.251	.263	.291	.80	.30	.0	4.1	5.4	6.3	5.9
October	28.44	28.97	28.10	32.9	49.4	44.9	54.3	29.2	41.8	80	7	26	29	28	75	50	54	.142	.153	.160	.35	.30	.2	5.4	6.6	4.7	6.2
November	28.50	28.13	28.07	11.2	19.0	15.9	24.2	4.4	14.3	38	−15	10	14	14	94	82	92	.071	.086	.084	.78	.31	8.7	6.0	7.0	6.7	6.9
December	28.50	29.02	27.75	7.7	11.3	8.8	16.8	−.1	8.4	29	−23	7	9	7	96	91	94	.066	.071	.066	.53	.19	4.1	6.7	6.3	5.1	7.0
Year	28.42	29.05	27.69	31.4	42.7	40.7	47.3	27.0	37.2	97	−36	27	30	30	88	66	72	.204	.215	.226	12.52	1.75	26.5	5.7	6.4	5.5	6.4

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

DENVER, COLO.

[H=5,221 ft.; H_b=5,292 ft.; h_t=106 ft.; h_r=98 ft.; h_a=113 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	7.9	S.	29	W.	0	9	5	2	0	20	7	9	10	0	12	15	4	2	0	3	1	0	0	0	2	0	21	0	0
February	8.3	S.	37	NW.	1	6	3	6	4	22	3	6	6	0	12	8	8	4	3	4	4	0	1	1	2	0	24	0	0
March	9.4	S.	32	W.	2	4	2	3	6	16	10	11	10	0	8	17	6	2	1	7	2	0	0	1	0	0	17	1	0
April	8.8	S.	31	NW.	0	11	7	4	5	10	5	7	11	0	5	13	12	9	6	8	6	0	1	0	0	0	14	0	0
May	8.7	N.	29	NW.	0	13	10	1	7	10	5	6	10	0	0	10	21	27	20	5	3	2	0	0	0	0	2	11	0
June	8.1	S.	30	NW.	0	2	14	6	4	15	10	6	3	0	7	20	3	6	1	0	0	0	0	0	0	2	0	12	0
July	7.7	S.	27	NW.	0	4	3	2	3	23	12	5	10	0	10	18	3	11	7	0	0	0	0	0	0	10	0	13	0
August	7.7	S.	32	N.	1	6	3	4	7	22	5	3	12	0	8	20	3	11	4	0	0	1	1	0	0	9	0	12	0
September	7.6	S.	23	NW.	0	8	7	6	8	21	4	1	5	0	14	8	8	5	5	1	1	0	0	0	0	1	1	2	0
October	7.5	S.	25	N.	0	11	6	1	5	14	15	4	6	0	11	15	5	9	8	9	8	0	1	0	0	0	6	1	0
November	7.1	S.	32	W.	1	17	7	3	1	13	5	8	6	0	10	11	9	5	5	6	5	0	0	0	2	0	23	0	0
December	7.5	S.	27	NW.	0	10	4	5	7	18	6	8	4	0	15	8	8	2	2	6	2	0	0	0	1	0	31	0	0
Year	8.0	S.	37	NW.	5	101	71	43	57	204	87	74	93	0	112	163	90	93	62	49	32	3	4	2	7	22	139	52	0

DES MOINES, IOWA

[H=800 ft.; H_b=860 ft.; h_t=5 ft.; h_r=3 ft.; h_a=99 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.3	N.	30	W.	0	17	3	5	11	10	3	5	8	0	12	2	17	8	5	8	2	0	5	4	15	0	30	0	0
February	10.3	N.	32	W.	1	17	2	4	9	3	10	3	8	0	5	7	16	8	7	13	6	0	6	2	7	0	24	0	0
March	11.3	SE.	35	S.	1	8	4	6	15	5	6	4	13	1	7	13	11	10	7	5	4	0	7	2	2	0	17	3	0
April	11.5	SE.	39	NW.	1	14	1	13	16	3	1	3	8	1	4	8	18	5	4	1	1	1	3	0	1	0	7	3	0
May	9.6	E.	27	SE.	0	13	10	12	15	4	0	3	4	1	4	6	21	18	17	0	0	0	9	0	0	0	1	4	0
June	9.4	S.	29	NW.	0	9	2	3	16	10	5	6	9	0	5	15	10	13	10	0	0	0	1	0	0	0	0	6	0
July	8.1	SE.	27	NW.	0	6	1	4	22	9	8	2	6	0	12	18	1	9	8	0	0	0	1	0	0	19	0	12	0
August	7.8	SE.	28	SW.	0	9	0	6	28	7	2	1	8	1	14	11	6	5	5	0	0	0	3	0	0	12	0	6	0
September	8.6	S.	29	S.	0	10	0	3	13	21	4	1	6	2	17	5	8	9	9	0	0	1	6	0	0	0	0	5	0
October	9.1	SE.	31	W.	0	7	0	6	17	9	6	1	15	1	14	4	13	10	8	1	0	0	10	0	0	0	3	4	0
November	9.8	NW.	26	W.	0	10	4	2	15	9	4	3	13	0	5	9	16	8	4	4	2	0	4	1	3	0	18	1	0
December	10.2	NW.	37	NW.	1	4	0	11	12	7	4	5	19	0	8	5	18	9	5	14	6	0	6	2	12	0	28	0	0
Year	9.7	SE.	39	NW.	4	124	27	75	193	97	53	37	117	7	107	103	155	112	89	46	21	2	64	11	40	31	128	44	0

DETROIT, MICH.

[H=619 ft.; H_b=626 ft.; h_t=5 ft.; h_r=4 ft.; h_a=78 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.2	SW.	42	SW.	1	3	5	5	8	4	14	10	13	0	4	8	19	14	7	16	7	0	11	6	16	0	26	0	0
February	10.7	SW.	29	SW.	0	4	9	3	2	3	13	10	12	0	2	7	19	13	8	18	10	0	13	2	14	0	27	0	0
March	11.3	SW.	40	SW.	1	4	12	5	11	5	9	6	9	0	5	13	13	12	9	8	5	0	9	1	3	0	16	4	0
April	9.9	NE.	37	NW.	1	6	24	4	7	3	1	6	9	0	4	9	17	8	6	5	2	0	7	0	0	0	10	0	0
May	9.0	NE.	28	NW.	0	9	17	5	7	2	3	8	11	0	10	5	16	11	8	0	0	0	8	0	0	0	0	1	0
June	9.0	SW.	33	W.	1	3	4	7	9	7	14	9	7	0	6	10	14	14	13	0	0	0	6	0	0	0	0	6	0
July	7.6	SW.	32	NW.	1	9	8	5	5	6	11	10	8	0	10	10	11	4	3	0	0	1	2	1	0	8	0	7	0
August	8.0	SE.	29	NW.	0	10	12	1	14	6	6	10	3	0	6	12	13	8	6	0	0	0	7	0	0	2	0	5	0
September	8.9	SW.	29	SW.	0	7	8	2	7	7	11	7	11	0	9	12	9	8	6	0	0	0	7	0	0	1	0	0	1
October	9.4	SW.	34	W.	1	4	4	3	9	7	17	8	9	1	9	9	13	10	7	1	0	1	9	4	0	0	4	1	0
November	11.0	SW.	28	SW.	0	7	10	1	6	9	18	4	5	0	2	6	22	14	10	8	2	0	8	0	3	0	7	0	0
December	10.2	NW.	27	NW.	0	4	10	0	4	6	9	13	16	0	4	3	24	16	7	22	14	0	14	3	19	0	27	0	0
Year	9.7	SW.	42	SW.	6	70	123	41	89	66	126	101	113	1	71	104	190	132	90	78	40	2	101	17	55	11	118	24	1

DEVILS LAKE, N. DAK.

[H=1,471 ft.; H_b=1,478 ft.; h_t=11 ft.; h_r=4 ft.; h_a=44 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.1	SW.	24	N.	0	11	7	5	6	5	11	6	10	1	5	5	21	14	4	22	14	0	4	2	28	0	31	0	1
February	9.1	W.	29	NW.	0	7	4	1	5	9	6	12	12	0	8	6	14	4	1	14	4	0	5	2	16	0	28	0	4
March	11.4	SE.	32	NW.	1	5	7	2	16	1	7	11	12	1	3	10	18	8	2	19	8	0	3	3	19	0	31	0	2
April	10.2	SE.	32	NW.	1	14	8	8	18	5	1	2	4	0	6	6	18	9	7	10	2	0	3	0	4	0	19	1	4
May	9.4	SE.	26	NE.	0	8	11	9	16	4	4	6	4	0	4	10	17	12	9	1	1	1	1	1	0	0	5	1	1
June	9.5	SE.	29	NW.	0	6	3	6	9	7	4	9	16	0	6	13	11	10	10	1	0	0	3	1	0	0	2	6	0
July	7.5	SE.	25	E.	0	7	11	8	15	2	3	6	10	0	13	13	5	12	10	0	0	1	3	0	0	5	0	12	2
August	8.5	SE.	34	NW.	1	6	6	9	16	3	4	7	11	0	13	10	8	15	12	0	0	1	9	1	0	2	0	9	2
September	9.3	SE.	30	NW.	0	7	9	3	11	5	8	10	7	0	7	11	12	7	6	0	0	0	7	2	0	0	2	1	4
October	10.3	SW.	30	NW.	0	4	8	4	6	8	12	9	11	0	7	10	14	5	1	5	2	0	6	3	2	0	18	1	1
November	8.6	W.	22	S.	0	10	2	5	7	10	8	6	12	0	6	7	17	12	7	18	12	0	4	3	23	0	30	0	2
December	7.8	NW.	34	NW.	1	8	2	4	9	9	9	7	13	1	7	5	19	9	6	19	9	0	15	7	31	0	31	0	0
Year	9.2	SE.	34	NW.	4	93	78	64	134	68	77	91	122	3	85	106	174	117	75	109	52	3	63	25	123	7	197	31	23

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

DODGE CITY, KANS.

[ϕ=37°45′ N.; λ=100°00′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	27.47	27.94	26.81	27.0	42.6	39.0	48.8	23.3	36.0	69	−8	20	23	23	74	49	53	0.117	0.133	0.132	0.65	0.62	0.4	4.6	3.8	4.9	4.1
February	27.49	28.03	26.86	30.8	45.8	42.3	51.6	27.9	39.8	77	6	22	25	24	72	49	50	.123	.134	.131	.55	.23	1.4	3.6	4.5	4.0	4.1
March	27.30	27.73	26.76	40.4	57.1	57.1	63.0	37.9	50.4	81	19	26	26	26	59	34	35	.147	.145	.151	.84	.60	.5	4.3	4.5	5.0	4.9
April	27.32	27.81	26.82	41.3	58.7	59.2	64.6	39.1	51.8	84	26	30	31	30	64	38	35	.170	.178	.173	.03	.03	.0	3.6	3.4	3.5	5.8
May	27.35	27.77	26.94	51.0	62.5	62.2	66.1	48.8	57.4	95	35	46	45	46	84	59	61	.324	.323	.336	4.40	1.61	.0	6.3	6.3	7.2	6.8
June	27.34	27.65	27.08	62.5	77.9	78.8	82.6	60.3	71.4	100	44	58	55	55	84	48	47	.487	.445	.450	1.95	.70	.0	5.6	4.6	3.5	4.4
July	27.41	27.72	27.18	73.0	92.8	91.1	96.3	70.8	83.6	106	62	60	55	55	65	29	31	.525	.443	.434	1.09	.62	.0	.7	2.2	2.6	1.7
August	27.39	27.65	27.08	69.4	88.2	86.9	92.9	67.5	80.2	105	51	58	56	56	70	37	39	.497	.463	.461	1.62	.99	.0	2.4	2.5	3.6	3.1
September	27.44	27.77	27.25	57.9	77.5	74.8	81.4	56.0	68.7	98	37	51	49	48	79	41	42	.384	.364	.336	1.77	1.52	.0	3.1	3.0	1.9	2.7
October	27.47	28.00	27.05	47.1	63.5	59.6	68.7	44.9	56.8	87	27	42	42	43	83	50	58	.284	.285	.294	1.09	.80	.0	5.5	3.9	3.1	3.8
November	27.47	27.83	26.86	33.2	45.0	41.3	50.5	30.3	40.4	72	17	29	31	32	86	61	72	.165	.173	.186	.98	.82	.2	4.6	5.5	3.9	4.9
December	27.49	27.93	26.97	27.5	41.8	37.9	45.9	24.9	35.4	60	12	21	24	24	76	52	60	.116	.137	.136	.12	.11	1.5	3.3	3.5	3.8	3.8
Year	27.41	28.03	26.76	46.8	62.8	61.0	67.7	44.3	56.0	106	−8	39	38	38	75	46	49	.278	.269	.268	15.09	1.61	4.0	4.0	4.0	3.9	4.2

DUBUQUE, IOWA

[ϕ=42°30′ N.; λ=90°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.40	29.98	28.49	16.1	21.3	21.6	27.6	11.3	19.4	44	−16	12	14	16	84	73	78	0.090	0.099	0.104	1.59	0.50	7.1	5.5	6.0	6.3	6.3
February	29.33	29.84	28.71	23.9	30.0	29.3	33.5	21.0	27.2	44	−10	19	22	23	82	70	75	.110	.119	.124	1.54	.77	9.2	6.7	8.0	7.2	7.9
March	29.20	29.77	28.64	34.3	42.3	42.8	48.2	30.6	39.4	71	10	29	30	32	81	63	66	.167	.178	.191	2.32	.68	8.8	6.9	7.1	6.4	7.0
April	29.24	29.56	28.85	40.8	50.6	50.7	55.1	38.9	47.0	78	24	33	34	36	72	53	58	.194	.204	.220	1.57	1.20	T	5.9	7.2	7.3	7.2
May	29.30	29.76	29.02	49.3	59.5	60.0	64.0	46.7	55.4	78	31	42	41	43	76	54	55	.276	.269	.288	3.95	1.16	1.3	6.4	6.9	7.2	6.8
June	29.14	29.41	28.89	61.2	70.4	70.0	74.4	56.8	65.6	87	42	54	55	55	79	60	61	.439	.452	.460	4.75	1.47	.0	6.2	7.3	6.7	7.0
July	29.24	29.45	29.01	73.2	84.7	82.9	88.8	69.5	79.2	98	61	66	66	68	80	55	61	.651	.659	.685	3.82	2.09	.0	4.5	5.7	4.5	5.0
August	29.24	29.49	28.93	66.5	79.2	76.7	82.7	63.5	73.1	93	46	61	61	62	83	54	62	.558	.562	.594	4.62	3.00	.0	4.1	4.7	4.2	4.8
September	29.26	29.66	28.89	57.3	71.0	67.5	75.1	55.3	65.2	90	38	52	54	55	83	55	64	.400	.432	.449	2.30	1.16	.0	4.3	4.8	4.7	5.0
October	29.37	29.93	28.84	45.4	57.7	53.6	62.1	41.9	52.0	79	26	39	40	40	79	55	62	.257	.274	.273	1.69	.47	.0	5.2	5.3	4.7	5.5
November	29.35	29.80	28.60	31.0	37.4	36.6	41.6	27.8	34.7	60	10	26	29	29	82	72	73	.150	.167	.168	3.44	2.15	1.0	7.3	7.6	7.3	7.8
December	29.37	29.83	28.80	18.5	24.5	23.8	28.3	15.2	21.8	44	−9	14	18	18	83	73	78	.094	.104	.107	.96	.28	8.9	7.1	7.8	6.9	7.5
Year	29.29	29.98	28.49	43.1	52.4	51.3	56.8	39.9	48.3	98	−16	37	39	40	80	61	66	.282	.293	.305	32.55	3.00	36.3	5.8	6.5	6.1	6.5

DULUTH, MINN.

[ϕ=46°47′ N.; λ=92°6′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	28.86	29.40	28.12	2.4	8.1	7.4	14.3	−4.0	5.2	36	−38	0	4	4	87	83	86	0.052	0.062	0.061	2.61	0.88	33.7	6.3	6.9	6.6	7.1
February	28.82	29.26	28.40	16.0	24.0	21.8	27.4	12.1	19.8	44	−8	14	17	17	90	75	80	.089	.104	.098	.45	.26	5.2	7.0	6.6	6.0	7.0
March	28.67	29.22	27.96	22.1	28.7	26.8	32.4	18.5	25.4	46	1	19	21	22	87	74	83	.109	.117	.123	2.04	.81	4.2	6.7	6.7	6.9	7.0
April	28.82	29.13	28.27	32.4	39.8	36.2	43.0	28.4	35.7	65	11	28	29	28	82	67	72	.157	.167	.158	1.45	.70	.5	6.1	6.7	6.5	6.3
May	28.86	29.25	28.50	44.0	53.8	49.9	57.0	38.8	47.9	78	29	36	35	33	74	53	57	.211	.205	.194	1.85	1.02	.0	5.9	5.9	6.1	6.1
June	28.64	28.90	28.34	52.8	61.1	58.8	64.7	47.7	56.2	81	36	47	47	47	82	63	68	.334	.330	.330	3.57	1.12	.0	6.6	7.1	6.1	6.9
July	28.74	28.95	28.46	64.3	74.3	70.0	78.0	58.2	68.1	88	46	60	62	61	87	68	75	.526	.566	.550	4.96	1.41	.0	5.2	5.3	5.2	5.3
August	28.74	29.04	28.24	59.7	68.3	64.6	71.5	56.3	63.9	87	39	56	57	58	89	71	80	.468	.491	.495	5.65	1.95	.0	6.4	5.3	4.7	5.7
September	28.75	29.21	28.16	48.1	59.9	53.6	62.6	43.3	53.0	77	29	45	47	45	89	64	74	.306	.331	.303	1.96	.91	.0	5.6	5.6	5.2	5.7
October	28.81	29.35	28.25	39.1	48.0	43.8	51.8	35.1	43.4	70	21	35	35	34	86	66	71	.213	.215	.208	2.65	1.00	1.6	7.3	6.8	5.6	7.0
November	28.83	29.40	28.20	21.6	26.6	24.8	30.3	16.2	23.2	37	−1	19	21	21	90	79	83	.111	.116	.113	1.00	.28	10.5	8.0	8.3	7.0	8.4
December	28.83	29.31	28.35	13.6	18.8	16.9	21.9	8.9	15.4	36	−17	12	14	14	91	81	87	.082	.091	.090	1.11	.45	7.5	7.8	7.4	8.2	7.5
Year	28.78	29.40	27.96	34.7	42.6	39.6	46.2	30.0	38.1	88	−38	31	32	32	86	70	76	.222	.233	.227	29.30	1.95	63.2	6.6	6.6	6.2	6.7

EASTPORT, MAINE

[ϕ=44°54′ N.; λ=66°59′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.98	30.78	28.72	13.9	17.7	17.1	25.7	7.5	16.6	47	−14	11	13	14	87	81	84	0.092	0.100	0.099	7.32	2.47	33.4	6.1	6.5	5.6	6.5
February	29.86	30.55	29.29	17.3	22.2	22.9	28.1	12.3	20.2	41	−2	13	13	17	81	67	77	.088	.085	.100	2.27	.85	10.2	6.0	6.6	5.8	6.6
March	29.87	30.54	29.23	26.0	31.5	31.0	35.9	22.6	29.2	48	5	19	19	23	74	61	71	.114	.115	.125	1.48	.46	11.5	5.4	6.2	5.1	5.6
April	29.78	30.31	29.24	36.8	41.8	39.4	45.2	32.2	38.7	66	20	30	32	32	78	71	76	.174	.189	.186	1.87	.58	1.0	5.6	5.8	5.9	5.9
May	29.80	30.26	29.29	46.0	50.4	47.2	55.3	39.6	47.4	69	32	39	40	39	78	68	75	.242	.247	.240	1.05	.31	.0	5.0	5.8	3.5	6.0
June	29.88	30.12	29.46	54.0	58.6	54.7	62.8	46.7	54.8	77	41	51	52	50	90	82	86	.373	.399	.368	2.12	.82	.0	7.1	6.8	6.6	7.4
July	29.90	30.25	29.45	61.5	66.1	60.1	71.1	52.3	61.7	85	49	59	61	57	91	84	90	.501	.538	.474	2.38	1.05	.0	5.3	6.3	6.0	6.9
August	29.91	30.19	29.44	61.9	68.4	62.7	72.5	55.1	63.8	90	48	58	60	57	86	76	84	.478	.519	.475	2.13	.51	.0	4.0	4.6	5.6	5.9
September	29.92	30.28	29.36	53.2	58.8	53.7	61.6	48.3	55.0	71	40	50	54	50	90	83	88	.367	.415	.368	2.98	.86	.0	6.3	5.6	5.2	6.5
October	30.07	30.60	29.52	46.7	51.6	46.8	54.3	41.1	47.7	64	31	43	45	42	87	78	85	.283	.306	.277	1.04	.54	T	3.8	4.4	3.3	4.9
November	30.06	30.54	29.31	40.2	42.2	41.7	45.3	35.7	40.5	57	22	38	39	39	92	90	91	.240	.249	.250	4.82	2.45	.5	7.0	8.2	7.7	8.3
December	29.78	30.40	29.14	20.5	24.4	23.2	26.9	16.7	21.8	41	1	16	18	18	82	75	77	.102	.108	.103	1.07	.38	5.5	6.9	6.5	6.8	6.8
Year	29.90	30.78	28.72	39.8	44.5	41.7	48.7	34.2	41.4	90	−14	36	37	36	85	76	82	.254	.272	.255	30.53	2.47	62.1	5.7	6.1	5.6	6.4

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

DODGE CITY, KANS.

[H=2,522 ft.; H_b=2,509 ft.; h_t=10 ft.; h_r=3 ft.; h_a=86 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	11.7	S.	38	W.	3	8	10	3	12	10	5	8	6	0	18	5	8	3	1	4	2	0	2	1	4	0	23	0	0
February	12.3	N.	37	NW.	4	13	9	2	5	9	3	8	7	0	13	9	6	7	4	4	3	0	5	2	3	0	20	0	0
March	14.4	S.	42	NW.	7	7	7	8	11	9	10	5	5	0	12	10	9	5	5	3	2	0	0	0	0	0	8	2	0
April	16.2	S.	38	NW.	8	6	13	4	13	8	2	8	6	0	8	10	12	1	0	0	0	0	0	0	0	0	6	0	0
May	13.2	N.	50	S.	5	15	16	3	15	6	1	4	2	0	6	10	15	17	9	0	0	0	5	0	0	1	0	8	0
June	13.6	S.	35	NE.	4	4	8	5	12	20	5	1	5	0	13	11	6	10	7	0	0	1	0	0	0	5	0	9	0
July	12.6	S.	38	E.	1	0	1	3	15	37	1	3	2	0	24	7	0	5	4	0	0	1	0	0	0	31	0	8	0
August	12.2	S.	29	S.	0	3	7	5	11	24	7	5	0	0	19	10	2	6	3	0	0	0	0	0	0	23	0	12	0
September	12.2	S.	34	N.	2	8	8	0	5	30	6	2	1	0	20	4	6	4	4	0	0	0	0	0	0	9	0	3	0
October	12.0	S.	32	S.	1	10	10	4	12	19	0	5	2	0	18	4	9	8	5	0	0	0	1	3	0	0	2	3	0
November	11.5	S.	32	NE.	1	12	7	2	8	13	4	7	7	0	12	9	9	5	4	5	1	0	8	1	1	0	17	0	0
December	11.2	S.	29	S.	0	15	3	3	6	12	2	10	11	0	16	8	7	2	1	3	1	0	8	4	4	0	28	0	0
Year	12.8	S.	50	S.	36	101	99	42	125	197	46	66	54	0	179	97	89	73	47	19	9	2	29	11	12	69	104	45	0

DUBUQUE, IOWA

[H=642 ft.; H_b=700 ft.; h_t=60 ft.; h_r=53 ft.; h_a=79 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.1	NW.	21	NW.	0	8	4	4	8	15	3	1	19	0	10	6	15	9	6	11	6	0	5	1	18	0	29	0	0
February	7.1	NW.	23	NW.	0	8	5	5	6	7	7	3	15	0	4	4	20	8	6	14	5	0	4	4	9	0	26	0	0
March	7.3	S.	21	N.	0	3	4	3	10	17	4	1	19	1	7	5	19	13	10	8	6	0	6	2	3	0	18	2	0
April	8.1	E.	30	NW.	0	8	5	11	12	8	1	0	14	1	3	9	18	10	4	2	1	1	3	0	0	0	6	1	0
May	6.7	E.	21	E.	0	6	11	20	5	11	2	1	6	0	7	6	18	12	10	1	1	0	5	3	0	0	1	3	0
June	6.1	NW.	19	SE.	0	4	1	7	12	13	4	4	15	0	6	6	18	16	12	0	0	1	1	0	0	0	0	10	0
July	5.2	S.	18	N.	0	3	2	6	9	20	7	2	13	0	11	13	7	7	6	0	0	0	2	1	0	12	0	8	0
August	5.0	S.	21	NW.	0	6	4	4	14	12	4	1	17	0	12	10	9	8	6	0	0	0	6	5	0	5	0	8	0
September	5.3	S.	17	NW.	0	5	3	6	3	21	12	3	7	0	15	6	9	9	7	0	0	0	4	3	0	0	0	4	0
October	5.9	S.	20	NW.	0	4	1	1	11	17	5	2	18	3	10	9	12	8	6	0	0	0	2	2	0	0	5	2	0
November	6.6	NW.	18	NW.	0	6	6	3	7	15	4	1	18	0	5	5	20	9	8	10	3	0	3	3	3	0	20	2	0
December	6.7	NW.	20	NW.	0	3	2	2	13	10	4	1	26	1	6	4	21	11	7	18	8	0	3	0	18	0	28	0	0
Year	6.4	S.	30	NW.	0	64	48	72	110	166	57	20	187	6	96	83	186	120	88	64	30	2	44	24	51	17	133	40	0

DULUTH, MINN.

[H=1,128 ft.; H_b=1,133 ft.; h_t=5 ft.; h_r=3 ft.; h_a=47 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	13.5	NW.	41	NW.	7	2	4	8	3	1	7	18	19	0	7	4	20	10	10	15	10	0	4	1	30	0	31	0	0
February	12.6	NW.	50	NW.	3	7	5	3	1	1	13	12	14	0	5	8	15	5	4	11	5	0	3	1	19	0	28	0	0
March	13.3	NE.	48	NW.	2	6	15	7	0	0	8	14	12	0	7	4	20	10	7	17	8	1	5	3	14	0	29	1	1
April	13.3	NE.	51	NW.	2	4	37	8	1	0	1	0	9	0	8	5	17	7	6	7	2	0	4	2	4	0	19	1	1
May	11.9	NE.	36	NE.	1	0	36	9	1	0	4	4	8	0	8	11	12	6	5	0	0	0	3	6	0	0	4	0	0
June	11.7	NE.	31	NE.	0	1	22	2	0	1	5	12	17	0	7	7	16	17	9	0	0	0	4	6	0	0	0	6	1
July	9.1	NE.	37	NW.	2	7	26	1	2	1	5	9	10	1	9	14	8	16	14	0	0	0	10	8	0	0	0	11	2
August	10.8	NE.	38	NW.	1	1	22	8	1	2	4	13	11	0	9	10	12	15	9	0	0	0	10	8	0	0	0	7	0
September	11.8	NW.	33	NW.	3	4	19	2	1	1	6	11	16	0	9	14	7	5	3	0	0	0	4	4	0	0	2	3	3
October	12.8	NW.	50	NW.	3	5	9	3	2	3	14	13	13	0	5	9	17	11	10	8	2	0	7	5	0	0	11	3	1
November	11.7	NW.	39	NW.	6	2	6	4	5	8	5	7	23	0	3	3	24	12	8	18	9	0	7	3	17	0	30	0	0
December	10.6	NW.	43	NW.	4	7	4	5	6	4	9	10	17	0	6	5	20	11	6	25	9	0	4	2	25	0	30	0	0
Year	11.9	NE.	51	NW.	34	46	205	60	23	22	81	123	169	1	83	94	188	125	91	101	45	1	65	49	109	0	184	32	9

EASTPORT, MAINE

[H=33 ft.; H_b=76 ft.; h_t=67 ft.; h_r=62 ft.; h_a=85 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	14.2	NW.	40	NE.	7	7	7	3	4	0	10	2	29	0	11	2	18	15	14	16	11	0	5	3	17	0	28	0	1
February	10.9	NW.	34	E.	1	8	7	3	0	1	13	8	14	2	7	6	15	11	10	17	9	0	5	0	16	0	28	0	0
March	11.5	NW.	30	NW.	0	10	3	1	2	2	12	7	25	0	10	8	13	11	7	15	8	0	7	0	10	0	28	0	0
April	11.1	NW.	48	E.	2	8	10	6	5	3	9	2	16	1	9	8	13	11	10	5	2	0	8	2	0	0	12	0	2
May	9.0	SW.	27	SW.	0	5	3	2	0	5	16	11	18	2	5	15	11	10	8	0	0	0	10	4	0	0	0	1	0
June	8.1	SW.	29	E.	0	3	3	6	2	6	28	6	4	2	2	11	17	11	9	0	0	0	19	11	0	0	0	3	0
July	8.3	SW.	24	E.	0	8	2	4	2	9	27	6	3	1	5	11	15	12	10	0	0	0	21	15	0	0	0	4	0
August	7.9	SW.	26	SW.	0	5	5	2	3	4	21	7	10	5	10	9	12	11	9	0	0	0	13	8	0	1	0	3	0
September	8.9	SW.	29	E.	0	7	1	1	2	6	20	6	15	2	5	13	12	10	10	0	0	0	10	6	0	0	0	1	2
October	10.0	SW.	27	NW.	0	8	7	0	2	4	24	9	8	0	11	11	9	8	4	1	0	0	11	4	0	0	1	0	0
November	12.3	NE.	46	E.	4	10	15	4	3	7	8	4	9	0	2	9	19	16	11	3	1	0	12	3	2	0	9	0	0
December	13.0	NW.	36	E.	1	9	10	4	2	0	0	5	32	0	6	8	17	10	7	13	8	0	0	0	21	0	27	0	0
Year	10.4	SW.	48	E.	15	88	73	36	27	47	188	73	183	15	83	111	171	136	109	70	39	0	121	56	66	1	133	12	5

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ELKINS, W. VA.

[ϕ=38°53′ N.; λ=79°49′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	28.09	28.44	27.57	27.3	35.2	32.9	42.0	21.3	31.6	69	−10	21	23	26	80	70	75	0.136	0.142	0.159	5.42	1.29	6.6	7.3	6.4	6.5	6.9
February	27.98	28.44	27.55	28.5	35.4	34.3	43.4	24.3	33.8	67	3	25	28	27	85	76	75	.139	.160	.151	2.81	.51	11.2	7.8	8.2	7.8	8.3
March	28.00	28.42	27.53	42.6	50.9	48.9	57.7	36.5	47.1	78	20	35	35	35	76	59	63	.220	.220	.220	5.91	1.39	6.2	7.7	7.2	6.6	7.3
April	27.99	28.26	27.57	42.4	51.2	48.4	56.1	36.0	46.0	82	17	36	36	36	80	61	67	.221	.215	.223	3.04	.53	2.8	7.3	7.1	6.9	7.4
May	28.01	28.25	27.68	51.6	62.6	59.7	68.2	44.5	56.4	83	33	45	44	45	80	55	62	.312	.312	.317	6.42	1.48	.0	6.7	7.0	6.3	7.0
June	27.99	28.21	27.67	60.7	72.2	67.0	76.5	53.9	65.2	88	42	56	57	59	86	62	77	.462	.493	.507	6.19	1.43	.0	6.0	6.9	6.5	6.9
July	28.05	28.35	27.75	66.8	78.6	73.4	82.8	62.3	72.6	88	55	63	65	65	89	64	76	.580	.623	.622	8.76	5.45	.0	6.5	6.5	7.7	6.9
August	28.05	28.26	27.87	64.2	75.5	69.8	80.3	59.6	70.0	90	44	61	61	64	89	62	80	.541	.548	.597	5.61	2.35	.0	6.2	6.2	6.2	6.4
September	28.07	28.30	27.76	54.2	69.7	61.9	74.1	51.0	62.6	84	29	53	54	57	96	59	85	.410	.435	.478	3.05	1.03	.0	5.1	4.1	5.1	5.7
October	28.17	28.47	27.62	42.1	60.6	51.6	65.2	38.2	51.7	79	25	40	41	43	93	52	74	.201	.280	.290	3.94	.90	1.5	3.6	4.4	3.9	5.5
November	28.07	28.45	27.67	38.3	48.3	44.0	53.5	34.8	44.2	76	13	35	36	36	89	64	76	.222	.227	.229	3.21	1.38	.9	7.0	6.5	7.5	7.3
December	27.99	28.48	27.64	22.8	27.3	26.0	31.8	17.8	24.8	52	−11	19	20	21	84	76	81	.113	.119	.121	3.84	.92	29.8	8.6	8.6	8.7	8.9
Year	28.03	28.48	27.53	45.1	55.6	51.5	61.0	40.0	50.5	90	−11	41	42	43	86	63	74	.301	.314	.326	58.20	5.45	59.0	6.6	6.6	6.6	7.0

EL PASO, TEX.

[ϕ=31°47′ N.; λ=106°30′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	26.26	26.65	25.90	40.7	54.3	50.0	60.2	37.5	48.8	70	17	26	27	27	56	35	34	0.150	0.153	0.155	0.24	0.24	0.0	2.0	3.5	3.0	3.6
February	26.27	25.66	25.84	39.7	53.9	55.6	59.9	37.2	48.6	75	20	26	25	25	60	35	34	.147	.136	.137	.47	.28	1.3	2.9	3.1	2.6	3.2
March	26.13	26.39	25.89	49.3	64.1	67.1	70.6	46.7	58.6	81	30	25	23	24	40	22	20	.136	.126	.127	.14	.10	1.2	4.2	4.2	4.1	4.5
April	26.09	26.50	25.82	54.5	71.5	74.5	77.5	53.1	65.3	88	44	27	24	24	35	17	16	.146	.129	.130	.02	.02	.0	2.9	1.7	2.2	2.5
May	26.08	26.30	25.84	58.4	74.4	76.8	80.2	56.5	68.4	91	36	36	33	29	45	25	20	.219	.196	.164	.17	.08	T	2.7	3.1	1.8	3.0
June	26.10	26.26	25.92	70.4	88.3	89.3	94.2	68.2	81.2	102	62	43	41	39	41	21	20	.295	.272	.249	.09	.04	.0	1.4	1.7	3.4	2.2
July	26.18	26.40	25.99	73.8	88.9	91.5	95.0	72.9	84.0	100	66	56	52	50	54	29	26	.448	.396	.370	.16	.06	.0	2.0	1.6	3.1	2.3
August	26.16	26.33	25.99	71.8	86.8	86.3	91.9	71.2	81.6	96	64	59	57	57	66	37	39	.503	.465	.464	1.72	.90	.0	3.8	3.1	5.1	3.9
September	26.19	26.42	26.03	63.4	79.5	79.2	84.6	62.2	73.4	95	49	52	51	50	67	39	40	.393	.384	.373	1.24	.67	.0	3.6	3.1	2.5	3.3
October	26.22	26.50	26.01	56.6	74.0	73.9	79.4	54.8	67.1	91	37	40	38	40	58	31	34	.261	.241	.262	.14	.13	.0	2.5	2.4	2.3	2.6
November	26.23	26.56	25.98	43.1	60.2	60.2	65.5	41.4	53.4	83	31	28	28	29	57	33	33	.158	.162	.161	.92	.91	.0	2.0	3.0	2.3	3.0
December	26.25	26.51	25.90	38.9	51.8	51.1	56.5	36.5	46.5	68	29	30	30	31	71	45	49	.167	.167	.178	.34	.24	T	2.8	3.0	2.5	3.3
Year	26.18	26.66	25.82	55.0	70.6	71.8	76.3	53.2	64.7	102	17	37	36	35	54	31	30	.252	.236	.231	5.65	.91	2.5	2.7	2.8	2.9	3.1

ERIE, PA.

[ϕ=42°7′ N.; λ=80°5′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.36	29.95	28.55	26.1	29.0	27.1	33.8	20.4	27.1	58	1	20	22	20	76	75	75	0.122	0.134	0.122	2.02	0.81	4.5	8.1	7.5	7.0	7.6
February	29.26	29.85	28.76	24.0	28.1	27.2	32.6	19.5	26.0	51	1	20	22	22	82	75	78	.112	.122	.122	2.60	.50	15.6	7.8	8.1	7.0	7.5
March	29.24	29.86	28.75	36.5	41.0	39.9	47.7	31.7	39.7	72	14	29	31	31	74	68	70	.168	.183	.177	2.21	.44	5.5	7.5	5.5	4.7	6.2
April	29.18	29.46	28.65	41.0	45.3	44.2	50.5	37.0	43.8	82	23	33	33	35	76	65	72	.193	.192	.208	1.17	.40	1.1	5.2	5.3	5.5	5.4
May	29.26	29.60	28.94	49.9	54.6	53.6	59.2	44.6	51.9	82	35	40	42	40	71	63	63	.257	.271	.257	2.20	.65	.0	5.8	4.9	5.2	5.4
June	29.17	29.48	28.76	64.3	69.4	67.2	73.0	57.3	65.4	89	48	54	55	55	72	62	66	.433	.444	.439	2.68	.71	.0	5.6	4.6	4.6	5.0
July	29.23	29.51	28.98	73.3	78.9	77.2	83.0	68.1	75.6	92	59	64	65	65	73	63	68	.600	.621	.628	7.54	3.27	.0	4.2	3.4	3.7	3.8
August	29.25	29.54	28.94	68.9	75.6	72.6	78.7	64.8	71.8	93	51	62	65	63	78	71	72	.569	.632	.578	2.02	.54	.0	5.6	5.5	4.2	5.2
September	29.27	29.54	28.84	59.1	66.8	63.0	70.1	54.6	62.4	86	39	52	55	54	77	68	73	.395	.446	.426	3.14	1.02	.0	5.3	4.2	4.8	4.9
October	29.40	29.71	28.04	49.3	57.5	53.3	61.5	45.7	53.6	78	35	41	45	44	75	66	72	.271	.308	.305	1.75	.37	.5	5.9	4.8	4.0	5.1
November	29.33	29.82	28.80	40.6	43.8	42.5	47.9	37.3	42.6	76	26	35	36	37	81	76	80	.217	.224	.225	1.57	.40	.6	8.7	8.7	8.4	8.6
December	29.26	29.81	28.86	25.7	28.2	28.2	31.2	22.0	26.6	49	−1	21	23	24	82	80	82	.121	.131	.133	2.02	.47	22.7	8.7	9.8	9.5	9.2
Year	29.27	29.95	28.55	46.6	51.5	49.7	55.8	41.9	48.9	93	−1	39	41	41	76	69	73	.288	.309	.302	31.52	3.27	50.5	6.5	6.0	5.7	6.2

ESCANABA, MICH.

[ϕ=45°48′ N.; λ=87°05′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.45	30.05	28.45	13.1	17.9	16.8	22.6	8.5	15.6	36	−17	10	11	12	86	73	81	0.075	0.078	0.085	2.10	0.60	21.9	8.2	7.1	6.6	6.9
February	29.40	29.98	28.89	14.7	23.4	22.1	28.2	10.9	19.6	52	−15	12	15	16	87	68	77	.079	.089	.093	.51	.29	6.3	7.4	7.7	5.4	6.8
March	29.31	29.94	28.62	25.0	32.2	22.7	35.9	21.5	28.7	54	9	21	22	23	84	66	74	.118	.123	.129	1.37	.45	3.8	7.4	7.3	6.1	6.9
April	29.38	29.66	28.69	33.4	41.2	38.6	44.6	30.3	37.4	60	16	28	28	28	78	60	67	.154	.157	.158	1.11	.47	3.5	6.1	6.2	5.5	6.0
May	29.44	29.83	29.10	45.3	52.7	51.5	56.7	40.0	48.4	72	27	35	36	36	69	55	57	.213	.219	.215	1.65	.94	.0	4.7	4.9	4.3	4.7
June	29.22	29.57	28.80	54.7	60.8	59.6	65.8	50.5	58.2	82	40	49	50	50	82	69	72	.353	.362	.360	4.04	1.10	.0	6.2	7.2	5.8	7.0
July	29.31	29.58	28.97	67.5	74.3	73.0	78.2	62.7	70.4	88	52	61	64	63	80	71	72	.548	.596	.582	4.43	.99	.0	4.9	4.7	5.6	5.1
August	29.33	29.67	28.93	62.7	69.3	67.5	72.6	58.3	65.4	82	39	58	58	59	84	70	74	.494	.511	.517	1.86	.48	.0	5.7	6.9	4.5	6.0
September	29.35	29.76	28.69	50.9	58.9	57.1	62.6	46.8	54.7	73	32	47	47	48	86	67	73	.330	.342	.352	1.48	.41	.0	5.7	6.7	4.8	6.0
October	29.42	29.95	28.69	42.2	50.4	47.5	53.5	38.7	46.1	72	25	37	38	39	81	65	74	.230	.240	.247	1.26	.56	T	5.5	6.7	4.9	6.3
November	29.42	29.94	28.60	29.4	33.8	32.8	37.6	26.7	32.2	50	9	25	27	27	83	76	78	.140	.150	.150	2.35	.91	6.4	8.2	8.2	7.7	8.0
December	29.42	29.87	29.03	21.3	24.5	23.9	27.6	17.6	22.6	38	1	19	18	19	88	76	79	.105	.105	.107	1.01	.26	11.9	8.9	8.6	7.8	8.7
Year	29.37	30.05	28.45	38.4	45.0	42.8	48.8	34.4	41.6	88	−17	34	34	35	82	68	73	.237	.248	.249	23.17	1.10	53.8	6.6	6.8	5.8	6.5

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ELKINS, W. VA.

[H=1,927 ft.; H_b=1,947 ft.; h_t=59 ft.; h_r=52 ft.; h_a=78 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	7.7	W.	28	W.	0	5	2	4	6	11	5	14	10	5	7	5	19	16	14	13	7	0	5	5	6	0	23	0	0
February	7.5	W.	28	SW.	0	3	5	1	8	5	9	13	11	1	1	7	20	19	13	16	13	1	2	0	6	0	23	0	0
March	7.6	SE.	32	W.	1	4	7	1	15	9	7	13	6	0	6	7	18	20	16	6	4	0	1	0	0	0	11	2	0
April	6.8	W.	34	NW.	1	17	3	4	10	1	3	16	5	1	3	10	17	18	15	6	5	1	4	0	1	0	9	1	0
May	5.9	NW.	20	W.	0	10	4	4	12	6	3	5	16	2	6	7	18	15	15	0	0	1	7	1	0	0	0	7	0
June	5.3	W.	28	SW.	0	3	7	3	11	7	8	12	7	2	2	14	14	16	13	0	0	0	14	9	0	0	0	6	0
July	4.6	SE.	19	N.	0	7	5	6	18	7	5	7	6	1	4	12	15	14	12	0	0	0	15	10	0	0	0	14	0
August	4.8	SE.	29	NW.	0	10	3	5	14	6	5	7	3	9	3	16	12	15	13	0	0	0	10	7	0	0	0	11	0
September	4.1	N.	18	W.	0	13	8	4	9	7	5	5	5	4	8	11	11	10	9	0	0	0	20	17	0	0	1	3	0
October	4.4	NW.	27	E.	0	17	8	3	10	4	1	7	8	4	10	11	10	13	11	2	2	0	19	15	0	0	8	3	0
November	5.9	NW.	21	NW.	0	8	7	5	11	7	3	6	13	0	6	6	18	17	12	4	4	0	15	5	3	0	12	0	0
December	7.3	W.	30	W.	0	5	5	6	10	2	8	21	5	0	1	5	25	25	23	22	20	0	5	0	17	0	26	1	0
Year	6.0	W.	34	NW.	2	102	64	46	134	72	62	126	95	29	57	111	197	198	166	69	55	3	117	69	33	0	113	48	0

EL PASO, TEX.

[H=3,720 ft.; H_b=3,778 ft.; h_t=152 ft.; h_r=145 ft.; h_a=175 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.1	NW.	45	W.	5	1	7	12	1	1	0	13	24	3	16	8	7	1	1	0	0	1	0	0	0	0	4	1	0
February	9.6	E.	35	W.	3	6	4	15	1	3	0	20	7	0	17	7	4	4	2	2	2	0	0	0	0	0	6	0	0
March	11.6	W.	38	W.	6	1	3	10	0	2	1	25	20	0	11	14	6	2	2	2	1	0	0	0	0	0	1	0	0
April	11.9	W.	43	W.	8	1	4	10	1	1	3	20	19	1	20	8	2	2	0	0	0	0	0	0	0	0	0	0	0
May	11.8	W.	43	NW.	4	1	6	9	3	1	1	27	14	0	21	7	3	5	2	1	0	2	0	0	0	3	0	4	0
June	10.1	E.	42	NE.	5	0	3	20	6	3	1	22	5	0	20	10	0	3	2	0	0	0	0	0	0	27	0	4	0
July	8.6	E.	30	NW.	0	4	9	28	7	4	0	5	4	1	26	4	1	5	2	0	0	0	0	0	0	28	0	10	0
August	8.1	E.	37	N.	2	1	5	22	14	3	1	7	9	0	16	13	2	8	3	0	0	0	0	0	0	24	0	14	0
September	7.3	E.	31	NW.	0	0	9	28	7	4	1	6	5	0	16	12	2	6	4	0	0	0	0	0	0	6	0	6	0
October	7.2	E.	30	E.	0	1	3	24	6	2	2	11	12	1	22	4	5	2	1	0	0	0	0	0	0	2	0	2	0
November	8.5	NW.	35	W.	2	1	8	12	1	1	0	12	25	0	18	6	6	3	2	0	0	0	0	0	0	0	2	0	0
December	9.1	E.	34	W.	1	5	7	16	2	1	1	9	21	0	19	7	5	4	2	1	0	0	2	0	0	0	3	1	0
Year	9.4	E.	45	W.	36	22	68	206	49	26	11	177	165	6	222	100	43	45	23	6	3	3	2	0	0	90	16	42	0

ERIE, PA.

[H=670 ft.; H_b=714 ft.; h_t=130 ft.; h_r=122 ft.; h_a=166 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	15.4	S.	49	SW.	6	12	6	0	5	12	11	5	11	0	2	7	22	18	10	21	9	0	4	1	16	0	25	0	0
February	13.7	W.	38	SE.	4	4	8	0	5	6	12	14	7	0	5	5	18	17	13	18	14	0	2	1	14	0	26	0	0
March	14.7	NE.	44	SW.	8	5	16	1	2	9	8	11	9	1	6	12	13	15	11	9	5	0	2	1	2	0	17	4	0
April	12.3	NW.	40	W.	4	7	13	2	4	1	1	17	15	0	12	7	11	10	8	3	2	0	5	0	0	0	6	2	0
May	10.3	W.	32	W.	1	14	11	1	1	0	5	23	7	0	14	4	13	11	9	0	0	1	2	0	0	0	0	1	0
June	11.2	W.	30	SW.	0	7	8	0	2	8	9	17	9	0	10	12	8	14	13	0	0	0	0	0	0	0	0	2	0
July	9.9	NW.	32	NW.	1	7	5	5	2	2	9	14	18	0	17	12	2	9	7	0	0	0	0	0	0	3	0	9	0
August	11.2	SE.	31	W.	0	9	6	2	14	8	6	8	8	1	11	11	9	11	9	0	0	0	1	0	0	2	0	3	0
September	12.0	NW.	35	S.	2	7	10	2	5	8	10	9	9	0	13	8	9	9	8	0	0	2	0	0	0	0	0	3	0
October	13.0	S.	38	W.	1	8	2	5	5	11	15	6	10	0	10	11	10	13	11	3	2	0	1	0	0	0	0	2	0
November	14.7	S.	37	S.	3	9	11	2	1	15	11	6	5	0	0	7	23	14	10	3	3	0	3	1	2	0	6	0	0
December	12.4	NW.	31	SW.	0	6	4	5	8	9	8	9	13	0	0	4	27	24	22	22	20	0	2	1	17	0	23	0	0
Year	12.6	W.	49	SW.	30	95	100	25	54	89	105	139	121	2	100	100	165	165	131	79	55	3	22	5	51	5	103	26	0

ESCANABA, MICH.

[H=594 ft.; H_b=612 ft.; h_t=54 ft.; h_r=44 ft.; h_a=60 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.5	NW.	35	NW.	1	7	2	1	7	6	9	9	21	0	5	7	19	11	9	20	10	0	2	0	24	0	31	0	0
February	10.7	N.	34	N.	1	17	2	1	1	8	15	5	7	0	5	9	14	5	3	18	5	0	2	0	18	0	28	0	1
March	9.6	S.	30	E.	0	11	6	5	5	15	4	8	8	0	4	13	14	10	7	17	9	0	6	6	9	0	29	1	0
April	10.7	N.	35	N.	1	29	3	5	1	14	1	1	6	0	8	7	15	8	8	10	4	0	1	0	2	0	19	1	0
May	10.0	S.	30	N.	0	23	10	5	1	12	4	3	4	0	14	8	9	8	7	0	0	0	1	1	0	0	2	0	3
June	9.3	S.	27	N.	0	16	6	1	5	12	8	5	7	0	4	11	15	17	15	0	0	1	1	2	0	0	0	5	0
July	9.0	S.	29	NE.	0	14	5	5	3	16	9	2	8	0	10	13	8	12	8	0	0	0	4	0	0	0	0	14	0
August	9.0	S.	27	NW.	0	10	5	2	5	21	2	8	9	0	6	13	12	14	9	0	0	1	6	2	0	0	0	6	1
September	10.0	S.	27	N.	0	10	6	3	4	15	5	3	13	1	8	11	11	14	10	0	0	1	5	2	0	0	1	4	2
October	10.6	S.	35	NW.	1	2	5	2	1	16	14	5	17	0	6	12	13	12	6	7	2	1	9	3	0	0	5	3	1
November	10.4	NW.	30	NW.	0	6	8	1	2	6	14	6	16	1	3	6	21	13	10	16	7	0	6	3	7	0	24	0	1
December	10.0	NW.	31	N.	0	6	7	1	2	9	9	7	21	0	1	4	26	15	9	23	13	0	5	1	23	0	28	0	0
Year	10.0	S.	35	NW.	4	151	65	32	37	150	94	62	137	2	74	114	177	139	101	111	50	4	48	20	83	0	167	34	9

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

EUREKA, CALIF.

[ϕ=40°48′ N.; λ=124°11′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.98	30.33	29.34	44.6	50.6	50.7	54.6	40.8	47.7	70	32	39	41	42	84	70	75	0.244	0.260	0.277	7.25	1.53	3.0	7.3	8.0	8.3	7.9
February	30.09	30.41	29.76	47.1	53.9	53.7	56.9	43.8	50.4	69	34	41	43	44	82	69	71	.263	.284	.285	2.73	.77	.0	6.9	7.1	7.5	7.2
March	30.03	30.44	29.49	41.5	49.4	49.3	51.7	38.9	45.3	59	33	39	42	42	92	77	79	.243	.269	.274	5.60	1.11	T	5.6	5.5	6.4	5.7
April	29.94	30.20	29.49	47.2	54.0	53.7	56.9	45.4	51.2	65	38	45	46	48	92	76	81	.299	.316	.331	5.29	1.42	.0	7.6	6.8	7.0	7.1
May	30.01	30.21	29.76	47.2	54.2	53.7	56.3	46.6	51.4	71	41	45	46	46	93	75	77	.302	.308	.314	.30	.26	.0	6.5	4.1	4.1	5.0
June	30.00	30.16	29.78	51.4	57.5	57.7	60.9	50.5	55.7	77	44	50	51	51	94	78	79	.355	.370	.379	.27	.13	.0	6.5	3.9	4.5	4.0
July	29.98	30.11	29.83	51.5	56.7	57.8	59.8	50.8	55.3	65	46	50	52	52	96	83	82	.363	.381	.392	.09	.05	.0	6.3	4.5	3.7	5.1
August	29.92	30.04	29.76	52.1	57.6	57.7	60.0	50.9	55.4	67	44	51	52	52	96	81	81	.371	.385	.389	T	T	.0	6.6	4.8	3.9	5.1
September	29.92	30.15	29.74	52.4	56.4	56.4	58.6	50.9	54.8	67	47	52	52	53	97	88	88	.382	.396	.400	1.10	1.09	.0	7.1	7.6	7.4	8.0
October	30.04	30.33	29.63	48.4	56.1	55.6	58.6	46.5	52.6	73	34	46	48	48	93	77	79	.325	.341	.348	3.02	.76	.0	4.1	5.3	4.7	5.5
November	30.08	30.33	29.77	45.6	51.9	51.9	54.8	42.0	48.4	69	29	42	44	44	88	77	77	.269	.294	.297	1.35	.80	.0	6.1	5.5	4.6	5.9
December	30.01	30.24	29.56	47.2	54.0	53.0	56.9	42.7	49.8	66	36	43	44	46	86	70	78	.279	.286	.309	6.79	2.98	.0	7.1	7.2	7.1	7.0
Year	30.00	30.44	29.34	48.0	54.4	54.3	57.2	45.8	51.5	77	29	45	47	47	91	77	79	.308	.324	.333	33.79	2.98	3.0	6.5	5.9	5.8	6.1

EVANSVILLE, IND.

[ϕ=37°58′ N.; λ=87°33′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.73	30.23	29.07	32.1	37.9	38.7	45.0	28.9	37.0	65	4	27	29	30	82	70	70	0.166	0.179	0.187	3.35	0.96	1.4	5.4	6.1	5.9	5.9
February	29.64	30.10	29.16	34.8	41.0	40.9	46.9	31.3	39.1	67	14	29	29	30	78	62	67	.166	.166	.176	1.62	.69	1.1	7.4	6.1	4.9	6.2
March	29.55	30.00	29.08	47.8	55.9	55.3	61.2	44.6	52.9	79	30	40	42	44	75	63	66	.269	.293	.305	9.24	4.48	.0	6.5	6.5	7.3	6.8
April	29.47	29.72	29.07	49.2	57.5	58.3	63.1	47.1	55.1	85	32	42	42	42	77	59	58	.276	.274	.281	2.90	.89	.0	7.6	6.7	6.8	7.0
May	29.53	29.92	29.21	58.8	67.9	66.1	72.1	54.8	63.4	85	40	51	50	52	76	57	65	.388	.385	.408	9.96	3.51	.0	7.5	7.8	7.0	7.2
June	29.48	29.70	29.05	67.1	75.4	74.4	79.8	63.3	71.6	91	54	60	59	61	79	60	65	.534	.521	.551	4.96	1.66	.0	6.0	7.3	6.4	6.8
July	29.54	29.81	29.37	75.9	87.0	84.7	90.9	72.6	81.8	102	65	68	67	68	78	52	59	.703	.667	.691	2.53	1.39	.0	4.3	5.7	5.6	5.0
August	29.52	29.74	29.34	72.8	84.3	81.5	88.4	69.8	79.1	100	53	66	66	66	86	55	61	.661	.654	.662	2.26	1.08	.0	3.9	5.6	4.3	5.0
September	29.58	29.73	29.31	62.6	77.0	74.9	81.5	60.0	70.8	93	47	56	54	57	80	48	55	.464	.439	.476	1.40	.55	.0	3.4	3.7	3.4	3.6
October	29.70	30.11	29.27	53.4	66.7	63.9	70.8	51.6	61.2	86	34	46	46	47	79	51	56	.339	.352	.353	2.92	.96	.0	5.8	5.1	4.1	5.3
November	29.66	30.14	29.20	42.2	48.7	47.9	52.4	39.1	45.8	76	22	36	38	38	79	67	70	.230	.245	.249	2.54	1.06	T	7.5	8.0	6.3	7.6
December	29.69	30.15	29.19	27.1	31.8	31.4	36.2	23.5	29.8	58	2	22	21	22	80	64	67	.129	.123	.129	1.55	.60	10.0	6.5	6.4	5.3	6.6
Year	29.59	30.23	29.05	52.0	60.9	59.8	65.7	48.9	57.3	102	2	45	45	46	79	59	63	.360	.358	.372	45.23	4.48	12.5	6.0	6.2	5.6	6.1

FORT SMITH, ARK.

[ϕ=35°22′ N.; λ=94°24′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.67	30.12	29.10	36.8	44.6	45.7	51.3	33.7	42.5	75	6	31	32	34	77	63	65	0.185	0.195	0.206	2.63	0.92	T	5.3	5.8	5.0	5.6
February	29.64	30.09	29.08	37.6	47.5	48.7	54.4	35.5	45.0	77	19	31	31	31	78	56	56	.182	.184	.193	.70	.25	0.2	5.4	5.7	4.7	5.2
March	29.48	29.93	29.06	52.3	61.8	61.7	68.7	48.0	58.4	82	27	44	44	46	74	55	59	.309	.315	.340	8.98	2.78	.0	7.2	5.8	6.7	6.4
April	29.43	29.82	29.11	52.8	62.4	64.0	68.7	50.9	59.8	82	39	46	46	47	79	59	58	.326	.337	.346	3.27	1.26	.0	7.3	6.9	6.4	7.1
May	29.44	29.75	29.11	61.3	70.0	69.5	74.6	58.7	66.6	92	47	56	58	58	84	67	69	.466	.486	.497	6.25	2.43	.0	7.6	7.8	6.9	7.4
June	29.44	29.64	29.10	68.7	79.4	78.6	84.0	66.1	75.0	93	54	64	64	64	85	62	64	.602	.617	.623	10.42	3.24	.0	6.8	6.5	5.2	6.0
July	29.51	29.68	29.35	77.2	90.8	89.1	95.5	74.5	85.0	101	68	71	70	69	80	51	53	.755	.735	.712	.85	.68	.0	3.2	4.1	4.3	4.1
August	29.46	29.66	29.29	75.4	89.5	90.0	95.9	73.3	84.6	108	56	67	66	64	75	47	45	.666	.637	.607	1.60	1.22	.0	3.6	3.6	3.5	3.7
September	29.53	29.69	29.37	64.1	79.8	78.8	84.9	62.5	73.7	96	48	57	58	57	78	49	49	.476	.489	.471	3.45	1.75	.0	4.5	4.3	4.2	4.3
October	29.61	30.02	29.22	57.0	68.8	66.1	73.3	54.3	63.8	88	43	51	52	53	81	56	65	.389	.414	.422	5.76	2.23	.0	5.7	5.9	5.5	5.9
November	29.64	30.00	29.09	43.5	51.5	50.4	56.4	40.0	48.2	82	32	38	38	39	82	62	67	.246	.243	.254	1.83	.99	.0	6.8	6.9	5.7	6.4
December	29.68	30.11	29.23	35.5	40.0	40.1	45.1	30.5	37.8	61	15	27	27	28	77	60	64	.153	.152	.161	3.63	2.65	5.8	4.8	4.9	4.4	5.1
Year	29.54	30.12	29.06	55.0	65.5	65.2	71.1	52.3	61.7	108	6	49	49	49	79	57	60	.396	.400	.403	49.37	3.24	6.0	5.7	5.7	5.2	5.6

FORT WAYNE, IND.

[ϕ=41°5′ N.; λ=85°10′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.23	29.74	28.43	25.0	28.7	28.5	34.5	20.0	27.6	53	6	22	22	23	86	75	78	0.127	0.131	0.136	2.58	1.23	0.3	7.7	7.1	5.8	6.9
February	29.12	29.64	28.62	26.7	31.0	30.0	35.0	22.5	28.8	50	4	23	25	25	84	77	81	.128	.139	.138	1.20	.37	5.4	8.6	9.1	7.1	8.6
March	29.07	29.59	28.68	37.7	47.7	45.2	51.8	33.6	42.7	74	21	32	35	36	81	62	70	.193	.213	.226	3.34	.77	.1	6.4	7.5	7.2	7.3
April	29.04	29.31	28.63	41.3	49.4	49.1	54.1	38.3	46.2	81	22	34	35	36	77	62	64	.207	.213	.220	2.15	.69	.8	7.1	7.1	7.3	7.0
May	29.12	29.47	28.85	50.9	60.2	58.1	63.7	46.8	55.2	80	34	43	44	44	76	58	64	.288	.297	.306	4.50	1.13	.0	6.4	6.4	6.7	6.0
June	29.01	29.30	28.55	62.4	71.8	70.3	75.8	58.1	67.0	90	47	55	56	56	77	59	63	.442	.466	.468	3.00	1.30	.0	6.9	6.6	6.4	6.4
July	29.08	29.34	28.88	72.3	83.1	80.4	86.7	67.7	77.2	97	59	65	65	65	78	56	61	.622	.617	.621	2.52	1.26	.0	4.6	5.8	4.9	5.2
August	29.09	29.37	28.86	68.5	79.2	76.5	82.7	64.8	73.8	96	48	63	60	61	82	54	60	.588	.543	.563	2.39	.96	.0	5.4	6.1	5.7	5.7
September	29.13	29.35	28.75	56.8	71.0	67.8	75.2	53.4	64.3	90	38	50	52	52	79	54	60	.373	.398	.405	2.39	1.14	.0	3.7	4.6	3.6	4.2
October	29.24	29.64	28.63	46.6	58.7	55.6	62.1	43.4	52.8	83	30	41	42	42	83	56	63	.271	.286	.291	1.63	.98	.0	5.3	5.0	4.4	5.4
November	29.18	29.68	28.64	37.3	41.0	40.7	45.6	34.3	40.0	64	18	33	35	35	85	79	80	.200	.214	.216	3.23	1.49	.9	8.2	8.6	6.7	8.0
December	29.16	29.64	28.77	22.2	25.6	24.7	29.5	18.3	23.9	50	−4	20	21	20	90	80	83	.118	.121	.121	1.53	.46	10.3	8.1	7.9	8.0	8.0
Year	29.12	29.74	28.43	45.6	54.0	52.2	58.1	41.8	50.0	97	−4	40	41	41	82	64	69	.296	.303	.309	30.46	1.49	17.8	6.5	6.8	6.2	6.6

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

EUREKA, CALIF.

[H=44 ft.; H_b=62 ft.; h_i=73 ft.; h_r=65 ft.; h_a=89 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	7.3	SE.	30	SW.	0	9	5	6	17	12	6	3	2	2	3	4	24	18	15	2	2	5	2	0	0	0	2	2	0
February	6.2	SE.	28	S.	0	11	5	6	14	3	10	4	1	2	5	5	18	16	10	0	0	1	5	0	0	0	0	0	0
March	7.9	SE.	25	SW.	0	18	1	2	16	9	7	6	2	1	9	8	14	17	16	1	1	3	1	0	0	0	0	1	0
April	7.1	N.	25	N.	0	13	5	6	13	2	7	4	9	1	4	10	16	15	14	0	0	1	4	0	0	0	0	0	0
May	8.0	N.	26	N.	0	25	2	2	10	7	0	2	9	5	14	7	10	2	2	0	0	0	2	0	0	0	0	0	0
June	7.5	N.	24	N.	0	23	3	1	3	6	5	4	11	4	14	9	7	4	2	0	0	0	7	3	0	0	0	0	0
July	6.9	N.	30	N.	0	16	0	3	5	5	9	2	19	3	13	7	11	5	1	0	0	0	11	8	0	0	0	2	0
August	6.6	N.	21	NW.	0	17	3	1	2	4	12	3	15	5	11	10	10	0	0	0	0	0	11	2	0	0	0	0	0
September	5.4	NW.	19	SW.	0	10	3	3	9	3	10	6	15	1	3	6	21	2	1	0	0	0	18	7	0	0	0	0	0
October	6.3	N.	28	N.	0	18	6	3	12	4	9	3	4	3	13	4	14	11	9	0	0	0	12	11	0	0	9	1	0
November	6.3	SE.	26	SE.	0	13	5	4	10	6	7	6	5	4	9	8	13	8	5	0	0	0	11	9	0	0	2	0	0
December	6.6	SE.	30	S.	0	6	8	8	14	10	6	5	3	2	6	5	20	13	12	0	0	0	8	2	0	0	0	0	0
Year	6.8	N.	30	S.	0	179	46	45	125	71	88	48	95	33	104	83	178	111	87	3	3	10	92	42	0	0	4	5	0

EVANSVILLE, IND.

[H=388 ft.; H_b=431 ft.; h_i=76 ft.; h_r=74 ft.; h_a=116 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.9	S.	31	W.	0	13	8	5	8	10	8	4	5	1	10	6	15	10	8	3	3	0	4	2	5	0	19	0	0
February	11.1	SW.	34	SW.	2	13	5	4	1	10	9	6	8	0	9	4	15	7	7	7	2	0	4	2	2	0	16	0	0
March	11.5	S.	40	S.	3	10	6	4	3	17	13	2	7	0	5	8	18	14	14	0	0	0	1	1	0	0	5	7	0
April	8.9	N.	29	NW.	0	18	5	11	3	5	6	5	7	0	4	9	17	12	10	0	0	1	0	0	0	0	0	2	0
May	8.7	NE.	32	SW.	1	8	13	13	5	9	6	5	3	0	4	9	18	17	12	0	0	1	5	0	0	0	0	10	0
June	8.5	SW.	33	S.	2	3	5	4	3	14	11	13	4	3	4	11	15	14	13	0	0	0	3	5	0	3	0	11	0
July	6.5	N.	21	NE.	0	12	8	6	4	6	12	7	3	4	8	18	5	6	4	0	0	0	3	2	0	20	0	10	0
August	6.8	SW.	31	N.	0	12	10	7	8	7	9	4	3	2	11	14	6	8	8	0	0	0	4	0	0	16	0	7	0
September	6.4	S.	20	SW.	0	15	7	4	4	14	9	4	1	2	16	7	7	4	4	0	0	0	3	0	0	7	0	0	0
October	7.3	S.	23	S.	0	11	7	9	9	12	5	4	5	0	9	10	12	11	8	0	0	0	5	2	0	0	0	3	0
November	8.7	N.	30	S.	0	17	3	4	8	12	7	3	6	0	5	4	21	11	9	2	0	0	4	1	1	0	7	3	0
December	9.0	NW.	28	NW.	0	7	7	1	9	9	8	6	15	0	7	8	16	9	6	15	5	0	4	2	11	0	23	0	0
Year	8.6	S.	40	S.	8	139	84	72	65	125	103	63	67	12	92	108	165	123	103	27	10	2	40	12	19	46	70	53	0

FORT SMITH, ARK.

[H=448 ft.; H_b=457 ft.; h_i=79 ft.; h_r=72 ft.; h_a=94 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.7	E.	28	SW.	0	4	5	32	2	1	8	3	7	0	7	14	10	4	4	2	0	0	4	2	2	0	13	2	0
February	8.8	NW.	32	SW.	1	4	5	14	1	3	6	6	17	0	11	7	10	7	5	2	1	0	6	0	0	0	6	1	0
March	9.8	E.	32	W.	1	7	0	26	2	13	5	3	6	0	7	11	13	11	10	0	0	1	1	0	0	0	2	10	0
April	8.9	E.	28	W.	0	4	7	19	4	3	6	4	11	2	3	11	16	6	6	0	0	1	6	1	0	0	0	7	0
May	8.1	E.	23	E.	0	3	6	23	7	5	5	5	8	0	2	10	19	14	13	0	0	0	2	0	0	2	0	11	0
June	7.4	E.	30	SW.	0	5	9	25	7	4	3	2	5	0	6	14	10	14	13	0	0	1	0	0	0	7	0	16	0
July	5.2	E.	21	E.	0	4	16	19	7	3	6	0	7	0	11	19	1	3	3	0	0	0	0	0	0	29	0	6	0
August	6.8	E.	20	E.	0	6	6	27	6	8	9	0	0	0	15	13	3	7	4	0	0	0	0	0	0	25	0	7	0
September	6.4	E.	19	N.	0	9	16	13	6	0	9	3	4	0	14	8	8	4	4	0	0	0	0	0	0	9	0	1	0
October	7.7	E.	19	N.	0	5	12	27	5	4	4	2	2	1	7	11	13	10	4	0	0	0	4	1	0	0	0	8	0
November	8.3	E.	22	E.	0	1	4	23	3	3	7	4	14	1	6	8	16	11	6	0	0	0	5	0	0	0	0	0	0
December	8.4	E.	23	W.	0	9	5	24	0	0	13	4	7	0	11	10	10	6	5	4	3	0	5	3	3	0	15	0	0
Year	7.9	E.	32	W.	2	61	91	272	50	47	81	36	88	4	100	136	129	97	77	8	4	3	33	7	5	72	36	69	0

FORT WAYNE, IND.

[H=777 ft.; H_b=857 ft.; h_i=69 ft.; h_r=63 ft.; h_a=84 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.1	S.	38	W.	1	7	4	7	5	13	7	7	12	0	6	8	17	8	7	12	1	0	10	3	14	0	26	1	0
February	10.4	NW.	32	W.	1	6	10	3	3	4	9	10	11	0	1	6	21	12	6	15	7	0	6	3	9	0	25	1	0
March	11.4	SW.	35	W.	3	3	10	8	4	5	13	7	12	0	4	12	15	15	14	6	1	0	5	1	2	0	13	3	0
April	9.6	NE.	32	NW.	1	10	19	6	5	2	2	4	12	0	7	7	16	8	7	3	2	0	8	1	0	0	5	1	0
May	8.6	NE.	27	SW.	0	4	20	11	3	1	6	5	12	0	9	9	13	13	10	1	0	0	9	0	0	0	0	7	0
June	8.5	SW.	24	SW.	0	2	9	5	3	9	15	10	7	0	5	12	13	15	11	0	0	0	2	0	0	0	0	7	0
July	7.1	NW.	34	S.	1	2	6	7	8	5	14	7	13	0	7	17	7	8	5	0	0	0	2	0	0	5	0	8	0
August	7.6	NW.	25	SW.	0	4	7	3	10	5	7	12	13	1	5	16	10	14	11	0	0	0	1	1	0	7	0	10	0
September	7.8	SW.	26	SW.	0	5	11	4	2	8	11	7	12	0	15	8	7	6	6	0	0	0	2	0	0	0	0	1	0
October	7.8	NW.	28	NW.	0	2	5	2	8	8	13	8	16	0	12	7	12	11	6	0	0	0	9	3	0	0	3	2	0
November	9.4	NE.	28	W.	0	2	15	3	8	8	10	9	5	0	3	5	22	18	10	4	3	0	10	0	3	0	8	0	0
December	9.2	W.	25	W.	0	2	7	5	5	4	11	19	9	0	3	7	21	15	12	19	11	0	7	3	18	0	27	0	0
Year	9.0	NW.	38	W.	7	49	123	64	64	72	118	105	134	1	77	114	174	143	105	59	25	0	71	15	46	12	107	41	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

FORT WORTH, TEX.

[ϕ=32°45′ N.; λ=97°20′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.42	29.85	28.95	42.7	52.6	----	59.7	39.7	49.7	81	7	37	38	---	81	60	---	0.246	0.255	----	3.70	2.11	T	5.1	5.7	----	5.0
February	29.43	29.90	28.83	42.5	53.7	----	59.7	39.5	49.6	78	22	35	37	---	77	57	---	.220	.233	----	3.29	1.40	0.2	4.0	3.9	----	4.1
March	29.24	29.71	28.79	55.9	66.9	----	73.9	52.8	63.4	87	31	48	46	---	75	51	---	.364	.349	----	1.40	.73	.0	5.5	4.5	----	4.3
April	29.20	29.71	28.88	56.3	67.8	----	74.9	54.3	64.6	92	39	49	49	---	78	54	---	.374	.372	----	3.06	1.53	.0	5.0	4.8	----	4.1
May	29.19	29.51	28.79	63.8	73.7	----	77.9	61.1	69.5	89	44	60	59	---	88	63	---	.530	.520	----	9.15	3.51	.0	7.1	5.6	----	5.9
June	29.21	29.37	28.81	72.0	83.2	----	87.7	69.5	78.6	93	61	66	66	---	83	57	---	.653	.635	----	7.22	3.74	.0	4.7	4.1	----	3.3
July	29.28	29.42	29.04	77.2	91.5	----	95.5	74.7	85.1	104	70	70	66	---	78	44	---	.727	.643	----	.89	.49	.0	1.5	3.0	----	1.6
August	29.24	29.45	29.02	76.8	92.3	----	96.4	75.0	85.7	106	64	68	67	---	75	43	---	.686	.668	----	.70	.67	.0	1.9	2.3	----	1.7
September	29.29	29.51	29.07	66.3	78.7	----	81.9	64.9	73.4	93	50	62	62	---	85	60	---	.559	.575	----	3.61	1.23	.0	4.9	5.0	----	4.8
October	29.35	29.77	28.98	62.2	73.8	----	78.2	59.9	69.0	88	42	57	57	---	85	59	---	.488	.488	----	4.01	2.12	.0	4.8	4.4	----	5.2
November	29.41	29.73	28.84	46.9	55.2	----	60.2	43.3	51.8	82	34	42	43	---	84	67	---	.293	.290	----	1.65	.73	.0	5.8	6.2	----	6.4
December	29.45	29.84	28.95	40.7	48.5	----	52.9	38.1	45.5	67	21	34	35	---	78	63	---	.205	.212	----	2.26	1.70	.0	5.5	6.0	----	5.4
Year	29.31	29.90	28.79	58.6	69.8	----	74.9	56.1	65.5	106	7	52	52	---	81	56	---	.445	.437	----	40.94	3.74	.2	4.6	4.6	----	4.3

FRESNO, CALIF.

[ϕ=36°43′ N.; λ=119°49′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.76	30.17	29.36	41.8	49.5	52.1	54.0	39.7	46.8	69	29	39	42	42	90	76	71	0.241	0.269	0.277	3.64	1.32	T	5.3	7.3	6.1	7.3
February	29.80	30.16	29.46	44.1	54.7	57.9	59.3	42.4	50.8	74	35	41	44	43	90	70	61	.264	.291	.283	2.07	1.19	0.0	5.1	6.9	6.0	6.7
March	29.71	30.07	29.38	43.3	55.0	58.9	61.1	41.2	51.2	80	33	40	41	40	87	59	51	.247	.263	.254	2.36	.70	.0	4.0	5.4	5.2	4.9
April	29.61	29.85	29.11	52.0	65.7	68.6	71.6	49.5	60.6	89	41	48	48	46	87	54	48	.337	.332	.322	2.77	.95	.0	5.5	6.6	5.9	5.8
May	29.54	29.78	29.33	55.3	74.8	80.3	81.8	53.2	67.5	98	47	46	44	40	72	35	25	.308	.290	.247	T	T	.0	3.2	4.5	3.7	3.3
June	29.49	29.65	29.30	63.7	86.9	92.7	94.3	62.2	78.2	105	52	47	45	40	56	25	17	.324	.313	.249	.0	.0	.0	.8	.2	.7	.3
July	29.51	29.68	29.29	66.1	88.3	94.5	96.0	64.5	80.2	110	54	48	48	42	54	25	17	.339	.336	.268	T	T	.0	1.1	.8	1.0	.9
August	29.46	29.59	29.28	68.4	90.0	96.7	98.1	66.4	82.2	107	58	49	50	45	52	27	19	.359	.373	.311	T	T	.0	.6	1.1	1.4	1.3
September	29.51	29.73	29.33	62.8	84.5	90.7	92.6	60.2	76.4	103	52	51	50	47	66	32	23	.377	.366	.323	.02	.02	.0	.8	1.2	1.8	1.2
October	29.66	29.95	29.33	53.7	70.6	73.8	76.2	50.3	63.2	92	35	46	45	43	76	43	36	.326	.322	.297	1.17	.69	.0	1.5	1.9	1.8	1.7
November	29.75	30.01	29.45	44.0	58.1	60.7	63.4	40.3	51.8	75	32	38	41	40	80	55	49	.231	.259	.250	.80	.79	.0	1.9	4.9	4.2	4.6
December	29.74	29.98	29.44	42.7	54.8	57.2	60.2	38.8	49.5	71	30	39	42	41	87	63	57	.240	.269	.262	1.16	.95	.0	3.8	4.9	5.2	5.0
Year	29.63	30.17	29.11	53.2	69.5	73.7	75.7	50.7	63.2	110	29	44	45	42	75	47	40	.299	.307	.279	13.99	1.32	T	2.8	3.8	3.6	3.6

GALVESTON, TEX.

[ϕ=29°18′ N.; λ=94°50′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.09	30.49	29.69	54.3	59.8	57.9	63.1	52.1	57.6	75	19	51	51	52	88	74	81	0.411	0.420	0.425	2.83	2.74	T	4.3	5.3	4.7	5.2
February	30.08	30.60	29.68	53.1	58.7	57.8	62.7	50.8	56.8	74	33	48	48	50	84	69	77	.360	.354	.380	5.00	1.62	0.0	3.8	4.8	3.9	4.1
March	29.96	30.40	29.59	62.8	67.7	66.7	70.5	61.4	66.0	77	46	58	60	62	87	78	86	.515	.542	.569	1.00	.57	.0	6.0	6.3	4.6	6.1
April	29.86	30.27	29.57	67.8	72.3	70.5	75.0	65.5	70.2	82	54	62	62	62	83	72	78	.582	.586	.593	4.17	2.45	.0	6.2	4.9	4.9	5.0
May	29.86	30.09	29.51	73.3	77.2	76.3	80.1	71.5	75.8	87	56	68	69	69	86	77	80	.705	.727	.726	.71	.39	.0	5.6	5.5	5.2	5.3
June	29.88	30.04	29.66	79.8	83.7	82.1	85.8	78.0	81.9	89	67	74	73	73	82	72	75	.830	.824	.819	3.89	3.35	.0	5.0	4.3	4.8	4.8
July	29.92	30.09	29.76	80.6	84.8	84.7	88.0	78.3	83.2	97	72	74	75	74	82	72	71	.847	.859	.837	5.36	2.11	.0	3.5	4.6	3.6	4.1
August	29.89	30.08	29.77	80.8	87.0	85.0	89.7	79.9	84.8	98	74	74	75	74	80	67	70	.841	.857	.847	3.61	2.12	.0	3.5	3.3	3.8	4.1
September	29.89	30.05	29.74	76.5	80.2	79.3	83.2	74.5	78.8	89	62	71	70	70	84	73	75	.767	.748	.751	7.40	2.69	.0	5.3	5.8	6.1	6.3
October	30.00	30.29	29.81	72.3	77.6	75.4	79.5	70.6	75.0	85	57	68	68	68	85	72	78	.689	.690	.687	1.86	.78	.0	3.1	3.5	2.5	3.0
November	30.06	30.40	29.72	60.0	64.7	64.3	68.5	57.0	62.8	82	42	56	57	58	86	77	79	.477	.487	.503	1.97	1.31	.0	5.9	5.5	4.3	5.8
December	30.10	30.49	29.68	52.3	56.1	56.1	59.9	49.4	54.6	72	36	45	48	49	78	74	79	.319	.354	.369	7.22	3.19	.0	7.2	6.0	6.0	7.4
Year	29.97	30.60	29.51	67.8	72.5	71.3	75.5	65.8	70.6	98	19	62	63	63	84	73	77	.612	.621	.626	45.02	3.36	T	5.0	5.0	4.5	5.1

GRAND JUNCTION, COLO.

[ϕ=39°04′ N.; λ=108°34′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	25.47	25.94	24.69	26.6	38.7	38.6	44.4	23.6	34.0	59	5	21	22	23	78	50	53	0.115	0.121	0.126	0.77	0.60	1.3	3.7	5.6	4.6	4.8
February	25.47	25.96	24.86	28.7	43.9	44.9	49.9	25.7	37.8	62	14	20	21	19	69	40	37	.108	.110	.106	.46	.25	3.2	3.1	3.9	3.6	3.8
March	25.28	25.70	24.91	33.4	48.6	51.0	54.6	29.9	42.2	69	17	22	19	18	61	33	30	.116	.106	.103	.60	.36	3.4	3.8	6.0	4.9	5.1
April	25.26	25.69	24.76	42.9	57.8	58.5	63.5	40.3	51.9	79	31	29	27	26	59	34	34	.160	.148	.146	1.25	.48	T	4.8	6.7	6.0	5.9
May	25.25	25.54	24.95	49.9	65.8	65.8	70.4	48.1	59.2	83	34	36	32	31	61	31	31	.213	.185	.175	.77	.36	.0	6.3	7.6	6.7	6.9
June	25.29	25.58	25.07	61.0	83.0	86.2	89.3	59.0	74.2	96	46	35	31	27	40	16	13	.206	.173	.151	.09	.07	.0	2.1	2.2	2.7	2.2
July	25.39	25.66	25.19	68.7	86.7	89.1	93.3	66.9	80.1	99	59	46	46	44	47	26	23	.327	.329	.301	.10	.07	.0	4.6	3.8	3.9	4.2
August	25.38	25.61	25.17	65.4	82.9	85.3	89.6	63.6	76.6	96	59	50	51	48	58	37	31	.364	.380	.349	1.15	.29	.0	4.8	4.9	4.6	4.8
September	25.40	25.62	25.22	56.8	75.6	78.0	82.1	55.1	68.6	94	41	41	40	39	58	31	30	.260	.251	.246	.82	.42	.0	2.7	2.6	3.4	2.9
October	25.42	25.84	24.88	44.9	62.4	61.7	67.7	41.8	54.8	83	24	29	28	28	55	30	31	.160	.156	.158	.13	.11	.8	2.4	3.0	3.4	3.2
November	25.45	25.83	24.92	30.0	45.8	44.4	50.3	27.4	38.8	65	19	24	25	25	79	44	48	.128	.132	.135	.44	.41	4.2	3.9	4.8	4.4	5.0
December	25.49	25.77	25.06	23.8	36.2	35.1	40.4	20.9	30.6	51	6	19	22	23	82	57	62	.105	.117	.123	.82	.26	5.2	3.6	5.5	5.0	5.0
Year	25.38	25.96	24.69	44.3	60.6	61.6	66.3	41.9	54.1	99	5	31	30	29	62	36	35	.188	.185	.177	7.40	.60	18.1	3.8	4.7	4.4	4.5

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

FORT WORTH, TEX.

[H=616 ft.; H_b=679 ft.; h_t=92 ft.; h_r=85 ft.; h_a=110 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	8.9	N.	39	N.	2	9	0	6	3	6	3	3	1	0	13	7	11	5	4	1	0	0	6	5	1	0	9	2	0
February	10.6	N.	35	S.	1	12	0	3	1	3	3	5	1	0	15	4	9	9	8	1	1	1	4	1	0	0	4	3	0
March	13.0	S.	35	N.	3	4	1	2	7	9	7	1	0	0	16	6	9	6	5	0	0	0	1	0	0	0	1	4	0
April	11.4	N.	32	N.	1	7	3	4	3	9	0	3	1	0	14	7	9	7	4	0	0	1	1	0	0	1	0	6	0
May	10.9	S.	55	W.	1	9	2	2	7	7	3	0	1	0	9	10	12	9	6	0	0	1	6	0	0	0	0	8	0
June	10.1	S.	32	W.	1	3	2	3	3	12	4	2	1	0	16	10	4	10	8	0	0	0	0	0	0	11	0	5	0
July	7.6	S.	28	E.	0	3	0	2	6	9	6	3	1	1	25	6	0	5	5	0	0	0	0	0	0	30	0	8	0
August	8.6	S.	28	SE.	0	3	0	3	5	12	2	5	0	1	23	7	1	4	1	0	0	0	0	0	0	28	0	2	0
September	7.3	N.	30	N.	0	9	1	6	3	4	1	5	0	1	16	2	12	11	9	0	0	0	0	0	0	4	0	2	0
October	9.3	S.	27	S.	0	5	1	3	8	8	2	4	0	0	13	5	13	8	7	0	0	0	3	0	0	0	0	4	0
November	9.6	N.	34	W.	1	11	0	3	4	6	3	3	0	0	9	4	17	9	5	0	0	0	3	1	0	0	0	1	0
December	8.3	N.	27	N.	0	11	1	4	4	3	2	5	1	0	12	5	14	10	4	0	0	0	4	1	0	0	5	1	0
Year	9.6	S.	55	W.	10	86	11	41	54	88	36	39	7	3	181	73	111	93	66	2	1	3	28	8	1	74	19	46	0

FRESNO, CALIF.

[H=287 t.; H_b=327 ft.; h_t=97 ft.; h_r=89 ft.; h_a=105 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	5.4	E.	26	NW.	0	1	6	13	9	3	4	7	14	5	6	4	21	10	9	1	0	0	12	8	0	0	4	0	0
February	5.3	NW.	20	NW.	0	2	4	9	5	4	5	5	16	6	7	7	14	9	6	0	0	1	13	5	0	0	0	2	0
March	5.6	NW.	22	NW.	0	7	3	14	6	0	4	4	18	6	10	10	11	8	6	0	0	2	2	2	0	0	0	0	0
April	6.2	NW.	24	SW.	0	11	3	6	3	6	1	6	22	2	7	10	13	8	7	0	0	2	1	0	0	0	0	3	0
May	7.0	NW.	20	NW.	0	6	4	4	0	1	0	0	45	2	16	13	2	0	0	0	0	0	0	0	0	4	0	0	0
June	8.2	NW.	21	NW.	0	10	2	0	0	1	0	7	40	0	29	1	0	0	0	0	0	0	0	0	0	21	0	0	0
July	7.1	NW.	17	NW.	0	7	2	1	0	0	1	9	42	0	28	3	0	0	0	0	0	0	0	0	0	23	0	2	0
August	6.6	NW.	16	NW.	0	11	2	2	0	1	2	13	31	0	26	4	1	0	0	0	0	0	0	0	0	29	0	0	0
September	5.9	NW.	23	SW.	0	5	2	3	0	0	1	10	39	0	26	3	1	1	0	0	0	0	0	0	0	22	0	1	0
October	5.4	NW.	32	SE.	1	10	4	11	1	1	1	4	30	0	24	4	3	3	2	0	0	0	1	0	0	1	0	2	0
November	4.5	NW.	19	SE.	0	9	4	11	7	2	5	1	21	0	13	7	10	3	2	0	0	0	6	5	0	0	0	0	0
December	4.8	E.	16	E.	0	3	11	9	6	7	6	5	14	1	14	7	10	5	4	0	0	0	9	3	0	0	4	0	0
Year	6.0	NW.	32	SE.	1	82	47	83	37	26	30	71	332	22	206	73	86	47	36	1	0	5	44	23	0	100	8	10	0

GALVESTON, TEX.

[H=6 ft.; H_b=54 ft.; h_t=106 ft.; h_r=98 ft.; h_a=114 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.3	S.	32	NW.	1	3	12	9	10	16	4	3	5	0	12	9	10	5	3	1	0	0	6	3	0	0	2	0	0
February	10.8	S.	30	N.	0	10	7	3	8	13	3	2	10	0	15	3	10	7	7	0	0	0	8	2	0	0	0	3	0
March	12.3	S.	34	W.	2	3	5	4	22	24	1	1	2	0	8	10	13	6	4	0	0	0	13	6	0	0	0	2	0
April	12.1	SE.	27	N.	0	8	2	5	15	25	0	0	4	1	9	14	7	8	8	0	0	0	1	0	0	0	0	7	0
May	12.4	S.	34	SE.	1	11	1	2	15	29	1	2	1	0	10	12	9	4	4	0	0	0	0	0	0	0	0	3	0
June	11.0	S.	27	S.	0	1	2	1	12	36	4	1	3	0	12	12	6	7	6	0	0	0	0	0	0	0	0	3	0
July	8.5	S.	37	NW.	1	7	2	2	7	25	5	7	7	0	16	8	7	14	14	0	0	0	0	0	0	6	0	13	0
August	8.7	S.	24	S.	0	4	2	1	3	35	4	7	5	1	13	14	4	7	6	0	0	0	0	0	0	11	0	5	0
September	9.4	E.	27	SW.	0	14	7	10	13	9	2	0	5	0	9	8	13	10	9	0	0	0	0	0	0	0	0	6	0
October	9.8	S.	21	SE.	0	6	4	12	17	18	2	0	3	0	20	10	1	5	4	0	0	0	1	0	0	0	0	0	0
November	11.0	N.	25	NW.	0	14	8	11	4	12	1	2	8	0	10	9	11	5	4	0	0	0	10	9	0	0	0	1	0
December	11.0	N.	30	N.	0	13	7	16	5	9	1	2	9	0	6	7	18	12	10	0	0	0	4	2	0	0	0	4	0
Year	10.6	S.	37	NW.	5	94	59	76	131	251	28	27	62	2	140	116	109	90	79	1	0	0	43	13	0	17	2	47	0

GRAND JUNCTION, COLO.

[H=4,587 ft.; H_b=4,602 ft.; h_t=60 ft.; h_r=52 ft.; h_a= 68 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	5.5	NW.	28	S.	0	5	1	6	9	11	2	6	19	3	12	11	8	4	4	4	1	0	6	3	2	0	28	0	0
February	5.9	SE.	24	SW.	0	6	2	1	17	12	0	3	15	0	15	7	6	5	2	4	3	0	3	1	0	0	25	0	0
March	7.5	SE.	30	W.	0	14	4	1	10	6	9	8	10	0	9	12	10	5	5	5	4	0	3	0	0	0	22	1	0
April	7.7	SE.	31	S.	0	9	2	2	16	7	3	9	12	0	8	11	11	10	8	2	2	0	0	0	0	0	1	0	0
May	7.3	SE.	32	NW.	1	13	5	2	19	5	3	6	9	0	4	10	17	7	6	0	0	0	0	0	0	0	0	3	0
June	7.2	SE.	28	SE.	0	16	3	4	13	9	4	3	6	2	22	7	1	2	1	0	0	0	0	0	0	18	0	2	0
July	7.4	SE.	24	S.	0	14	3	12	27	4	1	0	1	0	10	19	2	3	1	0	0	0	0	0	0	26	0	5	0
August	6.4	SE.	28	SE.	0	12	3	8	19	7	3	3	7	0	11	12	8	10	7	0	0	0	0	0	0	17	0	10	0
September	6.4	SE.	26	S.	0	18	3	3	22	4	0	0	10	0	20	5	5	5	5	0	0	0	0	0	0	5	0	4	0
October	6.6	SE.	30	S.	0	17	0	4	21	5	2	5	7	1	20	6	5	3	1	2	1	0	0	0	0	0	6	0	0
November	5.2	NW.	31	SW.	0	19	4	4	9	3	0	4	16	1	12	10	8	4	2	4	3	0	0	0	0	0	26	0	0
December	4.7	SE.	14	NW.	0	2	0	3	16	11	2	16	11	1	13	5	13	9	7	9	8	0	2	0	4	0	29	0	0
Year	6.5	SE.	32	NW.	1	145	30	50	198	84	29	63	123	8	156	115	94	67	49	30	22	0	14	4	6	66	137	25	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

GRAND RAPIDS, MICH.

[ϕ=42°58′ N.; λ=85°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.36	29.94	28.41	23.3	25.7	25.2	30.6	18.9	24.8	45	−1	18	18	19	78	72	76	0.107	0.108	0.112	2.04	0.61	7.3	8.1	8.4	8.0	8.8
February	29.27	29.82	28.65	23.5	27.9	26.5	32.0	19.2	25.6	43	−1	19	20	20	81	71	74	.108	.111	.112	1.91	.69	21.2	7.5	8.8	8.1	8.5
March	29.21	29.79	28.74	33.9	42.6	40.2	46.5	29.8	38.2	70	14	28	30	30	78	61	67	.160	.174	.173	2.62	.59	7.3	5.4	7.2	7.0	7.0
April	29.22	29.51	28.68	39.0	49.9	47.8	53.7	36.1	44.9	82	20	32	32	32	74	52	56	.185	.184	.185	1.35	.48	2.2	6.6	6.8	6.2	6.8
May	29.30	29.68	29.02	48.5	58.6	57.7	62.8	43.8	53.3	75	31	39	37	38	70	50	52	.245	.234	.239	4.33	1.88	.4	6.0	6.3	4.8	6.0
June	29.13	29.45	28.61	60.9	69.6	67.6	73.6	56.0	64.8	87	48	53	52	53	76	55	63	.413	.402	.425	4.95	2.24	.0	6.0	6.6	6.1	6.5
July	29.22	29.46	28.97	70.9	82.0	80.6	85.9	67.1	76.5	96	57	64	63	64	80	55	58	.608	.593	.598	5.17	1.99	.0	5.8	5.8	3.9	4.9
August	29.23	29.55	28.95	67.1	77.3	74.1	80.9	63.4	72.2	93	50	62	59	61	83	55	64	.570	.536	.555	2.22	.77	.0	4.6	5.6	5.0	5.4
September	29.26	29.55	28.82	55.6	68.7	64.0	72.2	51.9	62.0	87	38	50	50	52	81	53	65	.371	.378	.400	2.56	1.04	.0	4.9	4.8	3.5	4.9
October	29.37	29.85	28.65	46.2	57.3	52.9	60.2	43.6	51.9	81	30	40	40	42	80	55	66	.260	.263	.275	1.08	.45	T	5.9	6.6	3.6	6.0
November	29.31	29.83	28.69	36.0	40.2	39.5	44.8	33.7	39.2	62	23	32	32	33	83	74	78	.182	.188	.198	5.11	2.68	2.3	8.3	9.0	8.0	8.7
December	29.30	29.76	28.95	24.7	27.7	26.5	30.4	21.8	26.1	46	2	21	22	22	84	78	80	.120	.124	.121	1.65	.66	9.0	8.4	8.7	7.3	8.6
Year	29.26	29.94	28.41	44.1	52.3	50.2	56.1	40.4	48.3	96	−1	38	38	39	79	61	67	.277	.275	.283	34.99	2.68	49.7	6.5	7.0	6.0	6.8

GREEN BAY, WIS.

[ϕ=44°31′ N.; λ=88°00′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.46	30.05	28.40	12.1	16.5	16.7	23.4	6.0	14.7	38	−25	8	10	12	84	74	80	0.076	0.083	0.088	1.44	0.60	16.0	7.6	6.3	5.7	6.7
February	29.40	29.94	28.85	17.6	23.6	23.9	28.5	13.9	21.2	42	−9	14	16	17	85	71	74	.086	.092	.098	1.28	.64	14.8	8.3	8.9	5.7	8.4
March	29.29	29.90	28.63	29.2	35.3	34.9	40.5	25.7	33.1	59	13	25	25	26	82	66	68	.138	.140	.142	.70	.27	2.0	6.8	8.2	6.0	7.5
April	29.35	29.65	28.74	37.4	45.5	43.3	49.1	33.7	41.4	78	16	30	31	32	73	58	65	.170	.179	.189	1.70	.63	7.3	7.5	7.0	7.0	6.9
May	29.42	29.82	29.15	48.5	56.7	55.8	60.8	43.1	52.0	80	31	38	35	37	68	47	52	.236	.212	.227	1.46	.66	1.0	7.0	6.5	6.1	6.6
June	29.20	29.52	28.70	58.9	67.1	65.1	70.7	53.4	62.0	85	43	51	51	51	75	58	63	.380	.390	.395	4.69	2.00	.0	7.1	8.2	6.7	7.3
July	29.31	29.53	29.01	71.3	80.5	78.7	85.0	65.7	75.4	94	57	64	64	66	77	59	65	.600	.609	.636	1.70	.66	.0	5.8	6.6	5.6	5.7
August	29.32	29.63	28.97	64.8	73.8	71.8	77.8	61.1	69.4	91	42	59	58	59	83	60	66	.526	.514	.533	4.31	2.13	.0	5.8	7.8	5.1	6.6
September	29.34	29.76	28.79	54.5	64.0	60.7	68.4	50.4	59.4	85	35	49	50	50	83	60	70	.362	.375	.382	3.29	2.08	.0	5.6	6.5	6.3	6.5
October	29.43	29.99	28.72	43.6	53.2	50.1	56.6	39.6	48.1	71	25	39	39	40	82	60	70	.248	.254	.261	1.21	.44	T	5.7	7.4	5.1	6.7
November	29.41	29.89	28.66	31.1	35.5	35.0	39.6	27.7	33.6	55	13	27	28	29	82	74	78	.148	.160	.165	1.53	.56	.3	7.8	8.1	7.4	8.1
December	29.42	29.91	29.05	20.0	24.1	23.9	27.4	16.4	21.9	39	−7	17	18	19	86	76	79	.098	.105	.107	.90	.30	10.8	8.3	8.7	7.9	8.5
Year	29.36	30.05	28.40	40.8	48.0	46.7	52.3	36.4	44.4	94	−25	35	35	36	80	64	69	.256	.259	.269	24.21	2.13	52.2	6.9	7.5	6.2	7.1

GREENSBORO, N. C.

[ϕ=36°5′ N.; λ=79°57′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.22	29.69	28.67	32.6	41.9	37.7	46.6	28.6	37.6	67	3	27	30	30	81	64	73	0.167	0.191	0.184	1.77	0.66	0.4	6.4	7.2	5.2	7.2
February	29.12	29.68	28.57	32.6	46.4	41.0	50.9	28.2	39.6	71	14	29	31	30	84	57	66	.169	.187	.180	2.52	.92	.0	5.4	5.1	4.9	5.8
March	29.15	29.65	28.44	46.5	58.8	53.5	64.1	40.9	52.5	84	19	42	44	44	85	62	73	.290	.319	.314	6.52	1.73	T	7.3	7.2	7.7	7.3
April	28.98	29.28	28.57	50.0	59.8	56.1	64.8	45.2	55.0	83	32	44	44	44	80	60	69	.298	.306	.310	3.98	1.95	.0	7.2	6.0	6.8	6.6
May	29.08	29.37	28.70	60.6	70.3	65.4	75.1	53.0	64.0	88	43	53	53	56	78	58	74	.420	.423	.459	4.94	1.26	.0	6.8	6.6	6.1	6.2
June	29.05	29.32	28.76	70.5	81.5	75.6	85.6	62.2	73.9	94	50	60	59	62	71	48	65	.535	.507	.564	1.92	.53	.0	4.6	6.2	6.1	5.9
July	29.10	29.44	28.76	72.9	82.7	76.2	87.2	67.9	77.6	97	60	68	68	69	86	62	79	.695	.687	.711	4.30	1.14	.0	7.0	7.3	7.2	6.7
August	29.08	29.24	28.90	71.6	83.2	76.3	86.9	65.7	76.3	96	52	66	66	66	84	58	72	.658	.644	.651	1.90	.72	.0	5.8	6.1	5.8	5.8
September	29.12	29.40	28.65	63.1	76.0	67.8	79.5	58.5	69.0	90	42	60	60	63	91	59	84	.533	.530	.578	4.87	2.32	.0	5.0	5.5	5.2	5.4
October	29.25	29.58	28.74	50.3	67.9	57.6	72.6	44.3	58.4	85	30	47	47	49	88	49	75	.334	.340	.368	.94	.72	.0	4.1	4.7	3.1	4.0
November	29.15	29.51	28.77	45.0	57.1	50.0	60.3	41.9	51.1	76	20	42	42	44	88	60	79	.285	.296	.310	3.91	1.64	T	6.4	5.8	5.3	6.0
December	29.13	29.70	28.73	26.5	37.8	33.2	40.5	22.2	31.4	62	1	21	24	24	78	59	70	.123	.140	.141	1.89	.69	8.3	6.1	5.9	5.7	6.0
Year	29.12	29.70	28.44	51.8	63.6	57.5	67.8	46.6	57.2	97	1	47	47	48	83	58	73	.376	.381	.398	39.46	2.32	8.7	6.0	6.1	5.8	6.1

HARRISBURG, PA.

[ϕ=40°16′ N.; λ=76°52′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.77	30.32	29.16	24.4	29.7	30.1	34.6	21.9	28.2	54	−1	17	18	19	73	62	63	0.111	0.119	0.120	1.95	0.52	15.1	5.2	6.3	5.5	6.3
February	29.65	30.32	29.13	26.9	33.2	32.8	38.0	22.7	30.4	53	−4	20	20	22	73	58	63	.113	.115	.124	2.12	.52	13.4	7.2	6.5	6.2	6.6
March	29.65	30.30	29.07	38.9	46.9	47.1	53.7	35.1	44.4	76	18	30	31	34	72	56	62	.179	.181	.201	2.80	.74	4.3	6.5	5.6	5.1	6.1
April	29.51	29.82	29.08	44.6	53.3	52.6	58.2	41.3	49.8	86	27	34	34	36	68	52	56	.202	.201	.215	2.69	1.61	1.4	6.7	6.6	5.5	6.5
May	29.60	29.93	29.15	54.6	63.5	63.0	68.6	50.0	59.3	86	41	42	42	42	64	48	50	.277	.276	.277	1.42	.53	.0	6.1	6.3	5.4	6.2
June	29.54	29.86	29.14	66.2	75.1	72.9	79.8	60.4	70.1	91	54	57	54	58	73	52	62	.475	.440	.494	3.33	1.06	.0	4.1	6.0	6.8	5.4
July	29.59	29.95	29.33	72.6	81.4	80.2	86.4	68.3	77.4	95	61	65	64	66	78	56	62	.631	.595	.634	3.46	1.70	.0	5.7	5.7	5.5	5.4
August	29.62	29.87	29.25	69.0	77.6	75.8	81.8	65.8	73.8	94	53	61	60	61	77	55	62	.562	.535	.565	2.37	1.09	.0	6.7	6.2	5.3	6.2
September	29.65	29.95	29.26	58.5	68.4	66.3	73.0	54.7	63.8	84	41	53	52	54	83	59	67	.417	.403	.440	3.32	1.21	.0	5.1	5.1	3.6	4.9
October	29.80	30.17	29.13	49.1	61.1	57.9	65.0	45.6	55.3	78	32	40	41	43	74	51	60	.268	.284	.297	2.58	1.87	.0	5.1	4.5	3.5	4.9
November	29.71	30.05	29.24	44.5	49.3	48.0	53.2	41.4	47.3	76	25	38	38	38	78	65	70	.250	.250	.256	3.19	1.27	.3	7.5	6.7	6.2	7.2
December	29.65	30.28	29.21	26.7	31.4	30.4	33.9	24.3	29.1	56	5	19	20	22	70	62	68	.110	.118	.122	2.21	.65	7.5	7.3	7.5	6.8	7.5
Year	29.64	30.32	29.07	48.0	55.9	54.8	60.5	44.3	52.4	95	−4	40	40	41	74	56	62	.300	.293	.312	31.44	1.87	42.0	6.1	6.1	5.4	6.1

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

GRAND RAPIDS, MICH.

[H=638 ft.; H_b=707 ft.; h_t=70 ft.; h_r=70 ft.; h_a=244 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	12.0	SE.	43	SW.	2	9	4	6	11	6	10	8	8	0	1	6	24	10	7	19	6	0	7	2	17	0	25	0	0
February	11.2	SW.	32	NE.	2	8	13	5	3	5	15	4	3	0	2	6	20	12	9	16	10	0	5	2	12	0	26	1	0
March	12.3	SW.	42	SW.	7	4	7	10	11	5	11	7	7	0	3	13	15	14	10	11	4	1	7	2	3	0	18	3	0
April	11.7	NE.	37	E.	3	8	12	14	3	4	3	5	11	0	5	10	15	10	9	7	3	0	6	1	0	0	8	0	0
May	10.0	E.	32	NE.	1	9	11	13	7	4	6	9	2	1	11	6	14	11	8	1	1	0	7	1	0	0	2	1	0
June	10.1	SW.	41	SW.	2	4	2	4	8	8	19	14	1	0	8	8	14	13	9	0	0	0	10	0	0	0	0	5	0
July	8.6	SW.	32	SW.	1	11	3	7	5	6	15	8	7	0	12	12	7	8	8	0	0	0	4	0	0	7	0	8	0
August	8.5	W.	37	NW.	1	6	4	13	8	9	7	12	3	0	9	14	8	9	7	0	0	0	3	1	0	3	0	7	0
September	10.6	SW.	49	SW.	5	4	11	7	5	11	10	9	3	0	11	13	6	13	8	0	0	0	9	0	0	0	0	5	0
October	10.7	SW.	36	SW.	2	5	4	3	11	10	15	6	8	0	10	5	16	11	7	3	0	0	5	1	0	0	2	1	0
November	11.9	NE.	34	SW.	2	2	15	5	7	9	11	7	4	0	1	6	23	13	9	13	4	0	8	0	1	0	12	1	0
December	10.3	SW.	28	SW.	0	6	6	8	7	8	10	10	7	0	2	4	25	14	7	22	12	0	9	3	16	0	26	0	0
Year	10.7	SW.	49	SW.	28	76	92	95	86	85	132	99	64	1	75	103	187	138	98	92	40	1	80	13	49	10	120	32	0

GREEN BAY, WIS.

[H=589 ft.; H_b=617 ft.; h_t=109 ft.; h_r=101 ft.; h_a=141 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.2	SW.	37	NW.	1	4	7	2	2	6	21	13	7	0	7	9	15	9	8	16	9	0	7	0	20	0	30	0	0
February	11.2	SW.	41	NE.	3	12	10	1	3	3	17	5	5	0	3	2	23	9	8	16	9	0	4	0	19	0	28	0	0
March	11.5	W.	30	SE.	0	7	8	5	8	10	9	12	3	0	3	6	22	8	4	10	3	0	4	2	7	0	22	1	0
April	11.8	NE.	34	NW.	2	7	24	6	4	8	3	2	5	1	5	8	17	10	9	7	4	0	6	0	1	0	14	3	0
May	10.1	NE.	31	NE.	0	4	15	10	9	8	7	5	4	0	7	6	18	11	8	2	2	0	2	0	0	0	2	0	0
June	10.8	W.	35	NE.	1	1	10	2	8	11	11	11	6	0	4	8	18	14	11	0	0	1	0	0	0	0	0	1	2
July	8.8	S.	37	W.	1	5	6	7	7	19	6	5	7	0	9	8	14	9	6	0	0	0	0	0	0	7	0	5	1
August	8.8	W.	35	NW.	1	8	5	6	11	8	6	12	6	0	5	8	18	11	8	0	0	0	5	4	0	1	0	7	0
September	10.4	S.	32	SW.	1	6	8	6	8	10	13	2	6	1	8	8	14	8	6	0	0	1	3	3	0	0	0	4	5
October	10.6	S.	35	W.	1	3	2	3	9	14	11	9	11	0	7	7	17	9	6	2	0	0	3	1	0	0	4	2	2
November	10.3	NW.	27	N.	0	6	4	9	3	8	8	10	11	1	4	4	22	10	6	12	3	0	10	4	2	0	23	0	0
December	10.0	NW.	26	NW.	0	9	4	3	3	11	10	10	12	0	3	3	25	11	7	23	10	0	2	0	23	0	29	0	2
Year	10.5	S.	41	NE.	11	72	103	60	75	116	122	96	83	3	65	77	223	119	87	88	40	2	40	14	72	8	152	23	12

GREENSBORO, N. C.

[H=891 ft.; H_b=886 ft.; h_t=6 ft.; h_r=3 ft.; h_a=56 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.7	NE.	28	NE.	0	10	23	3	0	5	12	4	4	1	6	7	18	10	7	4	1	0	12	8	3	0	21	1	0
February	9.1	SW.	28	NW.	0	7	9	2	2	0	22	3	10	1	8	7	13	9	8	0	0	0	10	3	1	0	18	1	0
March	9.0	SW.	36	N.	1	8	7	3	4	5	21	8	6	0	2	12	17	16	14	3	2	0	15	3	0	0	6	6	0
April	8.9	NE.	30	SW.	0	9	17	3	2	6	9	5	9	0	9	6	15	11	9	0	0	0	12	2	0	0	1	2	0
May	7.6	SW.	27	NW.	0	8	19	1	3	11	13	4	3	0	8	8	15	15	12	0	0	0	12	0	0	0	0	8	0
June	7.3	SW.	31	W.	0	11	5	4	1	9	17	6	7	0	5	18	7	11	8	0	0	0	3	1	0	7	0	7	0
July	6.8	SW.	24	SW.	0	4	12	7	5	7	18	4	5	0	2	18	11	12	11	0	0	0	9	2	0	3	0	13	0
August	7.0	NE.	32	N.	1	7	21	5	3	7	10	5	4	0	8	12	11	11	8	0	0	0	5	0	0	12	0	3	0
September	6.1	NE.	23	N.	0	8	17	9	5	6	6	5	4	0	11	6	13	11	7	0	0	0	10	5	0	2	0	4	0
October	7.0	NE.	24	NW.	0	10	13	7	2	12	9	6	2	1	11	16	4	4	3	0	0	0	9	4	0	0	2	2	0
November	8.3	NE.	26	N.	0	13	19	2	1	6	8	4	6	0	10	6	14	9	7	1	1	0	11	2	0	0	6	0	0
December	8.8	W.	34	NW.	2	6	11	7	0	3	13	13	9	0	9	8	14	9	5	4	3	0	8	1	8	0	24	0	0
Year	7.9	NE.	36	N.	4	101	173	54	28	77	158	67	69	3	89	124	152	128	99	12	7	0	116	31	12	24	78	47	0

HARRISBURG, PA.

[H=337 ft.; H_b=374 ft.; h_t=94 ft.; h_r=42 ft.; h_a=104 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.1	NW.	28	NW.	0	3	12	8	3	2	7	9	17	1	9	7	15	11	8	14	7	0	9	5	10	0	24	0	0
February	7.8	W.	25	W.	0	7	9	4	0	2	9	15	10	0	4	14	10	13	8	12	7	0	7	0	5	0	24	0	0
March	7.4	W.	32	SW.	1	9	9	12	5	5	6	6	9	1	8	11	12	13	13	4	4	0	10	0	0	0	13	1	0
April	8.5	NE.	29	NW.	0	4	14	3	5	2	6	13	13	0	5	12	13	10	6	3	2	0	3	0	0	0	2	1	0
May	7.4	NW.	21	NW.	0	8	13	3	8	5	4	9	12	0	6	13	12	11	6	0	0	0	4	0	0	0	2	0	0
June	6.8	W.	25	NW.	0	6	10	4	7	4	9	13	7	0	8	13	9	14	13	0	0	0	4	1	0	1	0	7	0
July	6.2	S.	21	SW.	0	7	5	2	11	14	4	12	7	0	8	16	7	12	10	0	0	0	3	0	0	7	0	11	0
August	6.5	W.	19	NE.	0	3	8	9	11	5	4	10	12	0	6	13	12	9	7	0	0	0	8	0	0	3	0	3	0
September	6.0	N.	24	NW.	0	14	6	7	5	8	4	12	3	1	12	8	10	9	9	0	0	0	11	1	0	0	0	2	0
October	6.8	NW.	22	SW.	0	8	6	6	7	9	8	8	10	0	11	10	10	7	5	0	0	0	5	0	0	0	0	1	0
November	8.0	N.	21	NE.	0	13	7	7	9	3	1	10	10	0	6	6	18	11	7	5	1	0	8	0	0	0	2	0	0
December	8.5	W.	24	W.	0	3	10	5	3	1	3	24	13	0	3	9	19	13	10	19	8	0	3	0	12	0	21	0	0
Year	7.3	W.	32	SW.	1	85	109	70	74	60	65	141	123	3	86	132	147	133	102	57	29	0	75	7	27	11	86	28	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

HARTFORD, CONN.

[ϕ=41°46′ N.; λ=72°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.97	30.65	29.18	19.8	25.2	----	31.3	16.3	23.8	55	−7	15	17	---	80	69	---	0.102	0.114	----	5.01	1.84	20.1	5.6	5.6	----	5.5
February	29.85	30.58	29.28	23.8	30.5	----	36.1	19.5	27.8	50	−4	17	20	---	75	65	---	.106	.118	----	3.33	1.10	15.3	6.9	7.1	----	6.6
March	29.88	30.54	29.21	35.6	43.0	----	48.4	30.5	39.4	73	15	27	28	---	70	58	---	.155	.164	----	1.93	.86	4.2	6.4	6.2	----	5.7
April	29.70	30.08	29.18	44.7	51.9	----	55.9	39.5	47.7	86	29	33	32	---	65	50	---	.195	.184	----	2.05	.91	1.2	5.7	7.2	----	6.5
May	29.80	30.20	29.33	53.9	62.8	----	67.6	46.7	57.2	86	39	40	42	---	60	48	---	.257	.276	----	1.60	.78	.0	4.8	5.5	----	5.5
June	29.76	30.06	29.32	64.5	72.3	----	76.6	58.0	67.3	89	48	56	58	---	77	64	---	.462	.488	----	2.74	.99	.0	6.6	7.2	----	6.5
July	29.82	30.18	29.47	72.3	80.0	----	83.8	65.8	74.8	94	56	65	66	---	78	64	---	.628	.650	----	5.99	1.90	.0	6.3	6.5	----	6.2
August	29.83	30.12	29.43	67.9	77.0	----	81.1	62.3	71.7	91	50	60	58	---	76	54	---	.526	.504	----	.93	.25	.0	4.0	4.7	----	4.4
September	29.87	30.20	29.35	57.8	66.4	----	69.9	52.5	61.2	83	40	51	50	---	78	58	---	.381	.378	----	4.96	3.08	.0	5.4	5.1	----	5.3
October	30.02	30.41	29.44	47.8	60.5	----	64.5	43.0	53.8	77	30	41	45	---	77	58	---	.267	.309	----	.66	.29	.0	3.4	3.0	----	3.6
November	29.94	30.26	29.40	42.6	48.6	----	52.7	38.9	45.8	68	20	38	39	---	83	71	---	.243	.259	----	3.59	1.58	4.7	7.4	7.8	----	7.6
December	29.80	30.49	29.24	24.6	30.2	----	33.7	22.0	27.8	51	5	17	20	---	71	62	---	.104	.115	----	.99	.43	.9	6.5	5.6	----	5.7
Year	29.85	30.65	29.18	46.3	54.0	----	58.5	41.2	49.9	94	−7	38	40	---	74	60	---	.286	.297	----	33.78	3.08	46.4	5.8	6.0	----	5.8

HATTERAS, N. C.

[ϕ=35°15′ N.; λ=75°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.15	30.61	29.60	45.9	49.4	46.1	52.5	41.0	46.8	69	24	43	46	43	89	88	90	0.301	0.331	0.300	3.84	0.58	T	6.2	6.5	5.5	6.4
February	30.06	30.55	29.49	45.5	50.9	47.6	54.4	42.1	48.2	68	26	42	43	43	86	78	83	.280	.297	.294	2.07	.96	0.0	5.2	4.1	4.6	4.3
March	30.10	30.58	29.45	56.4	61.9	57.9	64.4	50.9	57.6	73	31	50	52	52	81	70	83	.387	.410	.417	3.49	.87	.0	7.2	6.3	5.5	5.4
April	29.88	30.17	29.47	56.5	60.9	57.0	63.5	52.2	57.8	76	44	52	53	52	85	77	84	.399	.423	.401	2.56	.89	.0	6.4	6.1	4.9	5.2
May	30.00	30.25	29.53	68.0	71.0	65.5	72.9	61.3	67.1	79	54	62	62	61	80	74	86	.555	.569	.549	2.56	.83	.0	5.3	4.4	5.3	4.7
June	29.96	30.25	29.74	77.0	80.5	74.8	81.5	70.6	76.0	88	60	71	73	71	83	79	89	.768	.822	.772	4.08	1.95	.0	5.4	3.8	5.4	4.5
July	30.02	30.35	29.68	78.1	80.5	76.3	81.9	72.3	77.1	85	66	74	75	74	88	84	91	.838	.871	.827	11.68	4.34	.0	6.3	6.1	6.5	5.5
August	29.99	30.15	29.81	79.0	82.2	77.1	83.0	73.4	78.2	91	64	74	76	73	86	82	88	.854	.897	.824	8.78	3.36	.0	4.9	4.8	5.3	5.3
September	30.01	30.28	29.55	73.6	76.3	72.2	77.7	69.2	73.4	83	54	71	72	70	91	87	93	.759	.795	.743	4.37	1.61	.0	6.7	5.6	4.6	5.5
October	30.16	30.47	29.78	64.6	69.4	63.8	71.2	60.1	65.6	80	50	61	64	61	88	83	90	.543	.604	.543	.31	.21	.0	4.6	4.9	3.2	4.7
November	30.05	30.39	29.70	58.0	62.0	58.1	64.0	54.2	59.1	78	37	55	57	55	91	83	90	.458	.490	.454	2.25	.90	.0	6.8	5.7	6.0	6.5
December	30.05	30.64	29.54	39.3	44.3	42.1	47.8	37.1	42.4	66	22	34	36	38	81	74	83	.216	.235	.240	4.03	1.99	2.0	5.5	4.3	4.8	4.9
Year	30.04	30.64	29.45	61.8	65.8	61.5	67.9	57.0	62.4	91	22	57	59	58	86	80	88	.530	.562	.530	50.02	4.34	2.0	5.9	5.2	5.1	5.2

HAVRE, MONT.

[ϕ=48°34′ N.; λ=109°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	27.39	27.93	26.69	5.0	11.6	10.7	18.9	−2.3	8.3	49	−34	3	8	7	90	84	86	0.058	0.077	0.075	0.81	0.30	12.4	6.9	7.0	6.3	7.1
February	27.46	27.80	26.93	22.2	35.0	31.1	38.9	7.6	28.2	54	−2	18	24	24	85	64	73	.104	.127	.129	.30	.28	4.4	4.8	4.8	4.5	4.6
March	27.22	27.65	26.73	20.8	30.5	31.2	35.9	16.6	26.2	60	−17	16	18	18	81	62	60	.099	.106	.106	.92	.37	8.8	5.4	6.6	6.3	6.2
April	27.33	27.85	26.81	28.5	45.2	45.7	50.5	25.8	38.2	75	0	24	24	25	83	46	48	.135	.132	.139	1.15	.50	4.4	5.4	5.5	6.2	5.7
May	27.36	27.76	26.93	41.6	58.4	60.5	63.5	39.7	51.6	78	29	36	34	32	82	43	38	.217	.203	.192	1.46	.55	.4	4.4	7.0	6.1	5.7
June	27.27	27.59	26.99	51.3	70.3	70.8	75.2	48.3	61.8	94	34	41	37	36	70	31	32	.261	.223	.223	.67	.32	.0	5.8	6.4	6.4	5.3
July	27.32	27.67	26.03	59.2	82.6	84.2	88.9	57.6	73.2	101	46	48	46	43	70	31	28	.354	.324	.300	1.64	.54	.0	2.6	2.6	3.1	2.7
August	27.33	27.67	26.94	51.8	74.8	78.1	81.1	50.4	65.8	99	38	38	38	36	63	33	25	.241	.239	.215	.33	.20	.0	3.2	4.2	3.1	3.6
September	27.38	27.80	26.92	43.9	68.2	70.3	73.8	41.5	57.6	94	23	32	34	33	66	31	27	.187	.209	.191	.17	.10	.0	4.2	4.7	4.7	4.4
October	27.39	27.77	26.96	36.9	52.8	50.6	58.7	32.6	45.6	82	−5	25	27	26	65	44	45	.142	.157	.145	.56	.19	2.6	4.8	5.5	5.3	5.1
November	27.41	27.84	26.98	18.6	31.5	28.2	36.0	14.3	25.2	61	−20	14	22	21	83	67	75	.094	.123	.121	.33	.21	3.2	4.9	5.9	5.9	5.4
December	27.39	28.03	26.79	20.2	31.2	27.3	35.6	14.3	25.0	52	−17	16	21	20	84	67	75	.090	.113	.109	.19	.17	5.1	4.0	5.3	5.2	5.3
Year	27.35	28.03	26.69	33.3	49.3	49.1	54.8	29.7	42.2	101	34	26	28	27	77	50	51	.165	.169	.162	8.53	.55	41.3	4.7	5.5	5.3	5.1

HELENA, MONT.

[ϕ=46°34′ N.; λ=112°4′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	25.76	26.33	25.30	17.5	21.7	22.1	29.5	10.6	20.0	56	−29	10	12	12	73	66	65	0.090	0.093	0.095	0.39	0.12	7.8	7.5	7.7	7.1	7.5
February	25.89	26.39	25.36	26.1	32.7	35.2	38.6	22.8	30.7	53	11	17	21	22	68	62	58	.096	.114	.116	.16	.13	3.8	5.6	6.4	6.3	6.2
March	25.63	25.95	25.15	25.0	33.6	33.9	39.5	20.8	30.2	67	−6	15	16	18	65	49	52	.087	.090	.102	1.14	.56	24.3	8.3	7.0	7.6	7.1
April	25.73	26.19	25.27	29.4	41.4	43.6	48.1	25.7	36.9	69	−4	21	24	23	70	51	45	.119	.130	.125	.70	.35	4.2	6.3	7.0	7.4	7.1
May	25.78	26.16	25.42	40.8	56.3	57.5	60.4	38.0	49.2	76	25	32	30	28	70	38	35	.181	.171	.160	.66	.19	1.9	5.5	7.0	7.2	6.7
June	25.77	26.02	25.49	51.3	65.2	67.5	70.4	47.9	59.2	88	37	36	35	35	57	36	33	.211	.210	.207	.59	.14	.0	6.6	6.9	7.6	6.9
July	25.82	26.13	25.55	57.9	77.2	79.0	82.5	55.0	68.8	99	37	41	42	42	56	32	31	.265	.278	.275	1.03	.41	.0	3.9	3.5	5.3	4.3
August	25.80	26.06	25.48	55.3	73.9	77.5	79.7	53.2	66.4	94	44	35	35	34	49	27	24	.210	.211	.199	.62	.42	.0	3.8	4.0	3.6	3.7
September	25.85	26.18	25.46	47.8	65.0	69.1	72.2	45.3	58.8	86	26	34	36	32	61	36	29	.200	.212	.185	.11	.08	.0	3.6	5.0	5.7	4.8
October	25.85	26.27	25.43	37.8	49.8	49.7	55.6	32.4	44.0	80	−8	26	30	28	65	48	48	.156	.179	.163	.71	.24	5.7	5.3	6.7	6.5	5.7
November	25.86	26.10	25.39	27.6	34.1	34.5	39.2	24.0	31.6	54	−1	19	21	22	68	58	59	.107	.118	.119	.17	.06	2.5	6.9	7.3	7.6	7.8
December	25.87	26.29	25.27	25.2	30.1	29.5	34.9	20.8	27.8	46	7	17	20	19	70	64	63	.095	.106	.101	T	T	.1	5.2	6.1	6.4	6.2
Year	25.80	26.39	25.15	36.8	48.4	49.9	54.2	33.0	43.6	99	−29	25	27	26	64	47	45	.151	.159	.154	6.28	.56	0.3	5.7	6.2	6.5	6.2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

HARTFORD, CONN.

[H=58 ft.; H_b=159 ft.; h_t=70 ft.; h_r=63 ft.; h_a=104 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		Mi.			*	*	*	*	*	*	*	*	*																
January	9.0	NW.	----	----	----	9	1	0	1	4	1	3	12	0	13	4	14	13	11	13	9	0	10	2	19	0	26	0	0
February	8.3	S.	----	----	----	6	4	0	1	6	7	1	3	0	5	9	14	9	9	13	7	0	5	0	9	0	24	0	0
March	9.2	S.	----	----	----	8	1	0	0	9	2	1	10	0	11	4	16	9	7	7	4	0	7	0	0	0	16	0	0
April	9.9	NW.	----	----	----	7	6	0	1	3	1	0	12	0	8	7	15	11	9	6	5	0	3	0	0	0	3	1	0
May	8.3	S.	----	----	----	7	4	1	0	8	0	3	8	0	10	11	10	9	8	0	0	0	2	0	0	0	0	3	0
June	7.7	S.	----	----	----	7	6	1	2	10	2	2	0	0	4	12	14	15	10	0	0	0	7	1	0	0	0	7	0
July	7.2	S.	----	----	----	6	4	2	3	8	4	1	3	0	6	12	13	11	11	0	0	0	8	0	0	7	0	9	0
August	7.1	S.	26	W.	0	9	2	1	1	9	2	0	7	0	15	10	6	6	5	0	0	0	12	3	0	2	0	3	0
September	7.2	S.	24	NW.	0	11	2	2	1	10	1	1	2	0	14	2	14	6	4	0	0	0	20	2	0	0	0	1	0
October	7.9	S.	23	NW.	0	8	1	3	1	6	3	1	8	0	16	8	7	8	5	0	0	0	13	3	0	0	2	0	0
November	8.9	N.	28	N.	0	14	5	1	0	2	4	1	3	0	5	5	20	16	10	3	2	0	15	3	0	0	7	0	0
December	9.1	NW.	32	NW.	1	11	0	0	0	3	3	4	10	0	10	7	14	10	6	10	5	0	12	3	13	0	24	0	0
Year	8.3	N.	----	----	----	103	36	11	11	78	30	18	78	0	117	91	157	123	95	52	32	0	114	17	41	9	102	24	0

HATTERAS, N. C.

[H=7 ft.; H_b=11 ft.; h_t=5 ft.; h_r=4 ft.; h_a=50 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	15.7	N.	40	NW.	4	21	13	4	1	1	6	8	8	0	8	8	15	12	8	2	0	0	2	3	1	0	7	1	0
February	14.8	N.	36	N.	2	16	9	0	2	2	15	5	7	0	15	6	7	8	7	0	0	0	0	0	0	0	2	2	0
March	14.4	SW.	38	NW.	7	8	10	2	5	2	26	7	2	0	11	8	12	10	9	0	0	0	0	0	0	0	1	8	0
April	13.5	N.	41	N.	4	12	10	6	5	4	8	6	9	0	10	10	10	11	7	0	0	0	1	0	0	0	0	1	0
May	12.8	SW.	32	NW.	2	7	13	4	2	6	19	3	8	0	13	9	9	9	7	0	0	0	0	0	0	0	0	4	0
June	11.1	SW.	32	NW.	1	4	6	9	3	3	27	6	2	0	12	11	7	7	6	0	0	0	1	0	0	0	0	6	0
July	12.4	SW.	37	SW.	4	4	5	6	4	7	32	4	0	0	11	10	10	12	12	0	0	0	0	0	0	0	0	4	0
August	10.8	SW.	48	NW.	2	3	12	9	9	5	16	6	2	0	13	8	10	13	11	0	0	0	0	0	0	3	0	4	0
September	11.7	NE.	44	SW.	2	2	31	6	4	6	7	3	1	0	10	10	10	8	6	0	0	0	0	0	0	0	0	3	0
October	11.9	NE.	41	N.	3	14	27	4	4	3	3	3	4	0	12	12	7	3	3	0	0	0	1	0	0	0	0	0	0
November	15.0	N.	40	N.	9	17	14	2	3	7	2	5	10	0	8	6	16	13	7	0	0	0	0	1	0	0	0	0	0
December	16.6	NW.	44	NW.	7	16	6	2	0	1	5	10	22	0	15	5	11	5	4	2	1	0	0	1	2	0	12	0	0
Year	13.4	SW.	40	NW.	47	124	156	54	42	47	166	66	75	0	138	103	124	111	87	4	1	0	5	5	3	3	22	33	0

HAVRE, MONT.

[H=2,488 ft.; H_b=2,505 ft.; h_t=11 ft.; h_r=3 ft.; h_a=67 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.5	E.	35	SW.	2	1	7	16	0	0	9	14	13	2	7	5	19	12	5	16	12	0	6	1	20	0	30	0	1
February	8.1	E.	32	SW.	1	1	12	17	0	1	9	8	8	0	9	10	9	3	1	6	3	0	4	1	8	0	27	0	0
March	10.4	SW.	37	SW.	1	3	8	7	2	1	20	8	12	1	6	14	11	9	6	14	9	0	2	1	13	0	28	0	2
April	9.4	SW.	33	NW.	1	3	5	5	5	5	9	12	15	1	7	13	10	12	7	12	8	1	0	0	5	0	17	1	2
May	9.2	E.	27	SW.	0	2	9	19	5	1	4	4	15	3	9	12	10	10	7	2	1	0	0	0	0	0	5	4	2
June	9.2	NW	35	W.	2	2	6	7	2	1	14	14	13	1	8	14	8	7	3	0	0	0	2	1	0	2	0	4	0
July	8.0	SW.	35	SW.	2	0	12	4	5	6	11	8	14	2	17	13	1	13	9	0	0	3	0	0	0	13	0	16	1
August	8.3	E.	34	NW.	1	2	5	14	2	0	10	10	19	0	14	13	4	5	2	0	0	0	0	0	0	6	0	2	2
September	7.8	W.	40	W.	1	2	2	8	1	3	13	9	20	2	12	11	7	3	2	0	0	0	0	0	0	1	2	0	2
October	10.7	SW.	41	SW.	3	2	4	10	4	2	17	11	11	1	12	8	11	5	4	8	3	1	0	0	3	0	10	1	3
November	9.2	SW.	30	SW.	0	3	0	8	0	2	19	14	14	0	8	11	11	4	3	8	3	0	1	0	10	0	26	0	0
December	8.2	SW.	30	SW.	0	3	10	9	0	4	12	16	4	4	11	11	9	4	2	7	3	0	5	2	9	0	31	0	1
Year	8.9	SW.	41	SW.	14	24	80	124	26	26	147	128	158	17	120	135	110	87	51	73	42	5	20	6	68	22	176	28	16

HELENA, MONT.

[H=4,090 ft.; H_b=4,124 ft.; h_t=85 ft.; h_r=78 ft.; h_a=111 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	5.8	NW.	30	S.	0	2	4	1	0	8	14	9	19	5	3	9	19	9	5	16	8	0	7	2	10	0	27	0	0
February	6.9	SW.	27	SW.	0	5	3	0	0	4	19	15	7	3	8	7	13	3	2	8	2	0	3	1	4	0	24	0	0
March	9.4	SW.	32	SW.	1	6	1	1	2	1	20	18	12	1	4	8	19	9	7	22	9	0	0	0	9	0	27	0	1
April	8.6	SW.	31	S.	0	4	4	3	0	3	22	10	14	0	5	7	18	10	5	12	6	0	0	0	4	0	18	0	0
May	9.1	SW.	35	S.	2	7	2	3	4	0	23	8	14	1	5	11	15	10	7	4	2	0	0	0	0	0	7	7	0
June	9.8	SW.	28	S.	0	1	2	3	2	3	22	12	14	1	3	14	13	8	7	0	0	1	0	0	0	4	0	8	0
July	8.4	SW.	29	W.	0	8	5	2	1	2	27	8	7	2	13	11	7	11	6	0	0	0	0	0	0	5	0	13	0
August	8.8	SW.	31	NW.	0	5	5	3	0	4	25	9	11	0	16	9	6	4	3	0	0	1	0	0	0	4	0	4	0
September	7.9	SW.	27	NW.	0	7	5	3	0	0	21	11	13	0	9	16	5	4	1	0	0	0	0	0	0	0	1	2	4
October	8.0	SW.	28	SW.	0	3	1	3	0	3	27	12	13	0	10	9	12	7	5	10	4	0	1	0	3	0	11	3	4
November	7.9	SW.	41	SW.	4	4	2	1	1	1	21	17	13	0	3	6	21	6	3	10	5	0	6	0	5	0	22	0	1
December	6.5	SW.	29	SW.	0	8	2	0	0	3	38	6	3	2	9	9	13	0	0	7	0	0	1	0	11	0	28	0	2
Year	8.1	SW.	41	SW.	7	60	36	23	10	32	279	135	140	15	88	116	161	81	51	89	36	2	18	3	46	9	165	37	12

*Wind direction frequency at 8 a. m., only for Hartford, Conn.

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

HONOLULU, T. H.

[ϕ=21°19′ N.; λ=157°52′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.88	30.09	29.64	70.3	74.0	70.6	76.3	66.1	71.2	79	61	63	64	64	78	72	79	0.579	0.605	0.588	3.94	1.99	0.0	5.5	5.1	4.9	5.2
February	30.05	30.21	29.84	70.4	74.0	70.3	76.4	66.9	71.6	82	63	62	63	62	73	69	77	.550	.583	.570	7.47	6.40	.0	3.4	5.1	4.5	4.5
March	29.94	30.10	29.75	70.9	74.7	71.7	76.8	66.9	71.8	81	60	63	64	64	77	71	77	.587	.607	.600	2.94	1.37	.0	6.0	6.5	6.2	6.3
April	30.02	30.10	29.87	72.0	75.1	71.4	76.8	68.2	72.5	80	65	60	61	60	67	61	69	.519	.532	.525	.25	.14	.0	3.9	4.2	4.8	4.3
May	30.02	30.10	29.88	75.6	78.5	74.3	80.4	71.3	75.8	83	67	64	64	64	67	63	72	.589	.608	.606	.22	.14	.0	3.5	5.1	4.6	4.6
June	29.99	30.10	29.86	77.2	80.2	76.5	82.0	72.7	77.4	85	69	66	66	66	69	63	72	.644	.646	.650	.31	.11	.0	4.6	3.7	5.7	4.3
July	29.96	30.02	29.88	77.7	80.4	76.9	82.6	73.5	78.0	84	71	67	67	67	71	64	72	.668	.662	.661	1.18	.54	.0	5.6	6.6	6.8	6.3
August	29.97	30.04	29.87	78.0	81.4	77.2	83.0	73.9	78.4	85	71	66	65	66	67	58	69	.637	.619	.637	.85	.46	.0	3.6	3.5	2.8	3.2
September	29.92	29.98	29.80	78.2	80.4	77.8	82.7	73.5	78.1	87	70	68	68	68	70	67	72	.679	.698	.682	1.52	.95	.0	5.4	6.6	5.4	5.7
October	29.90	30.00	29.74	77.4	80.7	76.6	82.8	72.2	77.5	86	66	68	68	68	74	66	76	.693	.694	.686	2.01	.62	.0	3.8	5.3	5.2	5.4
November	29.92	30.09	29.73	74.9	77.9	74.4	80.1	70.4	75.2	84	64	66	66	66	74	67	74	.640	.643	.632	2.28	.73	.0	4.3	5.0	4.8	5.3
December	29.95	30.06	29.74	72.8	77.0	73.8	79.0	70.1	74.6	85	60	65	64	64	76	66	74	.619	.610	.612	1.58	.68	.0	5.6	4.8	4.6	4.6
Year	29.96	30.21	29.73	74.6	77.9	74.3	79.9	70.5	75.2	87	60	65	65	65	72	66	74	.617	.626	.621	24.55	6.40	.0	4.6	5.1	5.0	5.0

HOUSTON, TEX.

[ϕ=29°47′ N.; λ=95°24′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.01	30.39	29.59	51.6	61.5	-----	66.4	48.9	57.6	79	17	47	46	---	85	60	---	0.375	0.377	-----	1.64	1.19	0.0	5.2	5.8	----	5.4
February	29.99	30.50	29.60	50.2	59.9	-----	65.6	47.8	56.7	78	31	44	43	---	80	58	---	.312	.310	-----	3.78	1.78	.0	5.0	4.6	----	4.3
March	29.87	30.31	29.48	61.0	72.0	-----	75.7	58.8	67.2	89	43	57	57	---	86	61	---	.493	.492	-----	3.49	2.58	.0	7.3	6.4	----	5.9
April	29.77	30.17	29.49	64.8	73.7	-----	77.8	62.3	70.0	86	49	61	60	---	88	64	---	.564	.546	-----	3.63	1.68	.0	6.0	6.9	----	6.5
May	29.77	30.02	29.38	68.7	78.2	-----	81.6	66.5	74.0	90	52	66	66	---	92	68	---	.653	.660	-----	4.30	1.90	.0	6.3	6.6	----	5.6
June	29.80	29.95	29.57	75.8	85.0	-----	88.6	73.5	81.0	95	67	72	70	---	87	62	---	.776	.736	-----	3.59	1.32	.0	2.9	6.9	----	5.2
July	29.84	30.01	29.67	77.5	86.5	-----	91.0	75.3	83.2	98	72	72	70	---	84	59	---	.794	.733	-----	4.84	2.36	.0	2.8	6.9	----	5.5
August	29.81	29.99	29.68	77.3	89.1	-----	92.9	75.8	84.4	100	69	72	69	---	85	53	---	.795	.717	-----	1.68	.63	.0	2.2	5.0	----	4.8
September	29.82	29.98	29.65	71.0	80.1	-----	83.7	69.8	76.8	92	56	68	66	---	90	65	---	.686	.659	-----	6.77	2.93	.0	5.5	6.9	----	6.4
October	29.92	30.21	29.74	66.9	78.3	-----	82.2	65.0	73.6	89	53	63	61	---	88	58	---	.601	.563	-----	4.96	2.38	.0	3.3	5.2	----	4.7
November	29.97	30.31	29.60	54.3	63.7	-----	69.0	52.2	60.6	85	37	49	50	---	83	64	---	.382	.394	-----	2.99	1.88	.0	6.4	6.9	----	6.9
December	30.01	30.38	29.59	48.0	55.5	-----	59.3	45.1	52.2	74	32	40	41	---	74	61	---	.270	.291	-----	7.93	5.38	.0	6.8	6.6	----	6.5
Year	29.88	30.50	29.38	63.9	73.6	-----	77.8	61.8	69.8	100	17	59	58	---	85	61	---	.558	.540	-----	49.60	5.38	.0	5.0	6.2	----	5.6

HURON, S. DAK.

[ϕ=44°21′ N.; λ=98°14′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.74	29.33	28.09	9.0	17.3	16.6	22.8	4.4	13.6	53	−20	6	11	11	88	75	79	0.063	0.079	0.080	0.31	0.20	3.9	5.2	6.5	4.8	6.1
February	28.71	29.17	28.12	24.7	34.0	32.9	38.6	22.5	30.6	53	0	21	24	26	84	67	76	.116	.133	.144	.31	.21	1.8	4.4	5.3	5.2	5.1
March	28.48	28.96	27.68	29.5	40.8	40.3	46.0	26.3	36.2	75	4	25	26	26	81	58	60	.138	.153	.150	1.36	.86	.9	4.5	4.8	5.5	4.8
April	28.58	29.01	28.10	36.1	45.6	46.8	50.8	33.9	42.4	76	20	33	34	35	87	67	68	.193	.204	.217	5.64	1.46	26.9	6.4	7.0	6.5	6.2
May	28.64	29.07	28.18	47.7	58.9	58.2	62.1	45.0	53.6	74	32	40	39	39	76	50	54	.253	.241	.248	1.46	.49	.0	7.1	7.3	6.7	6.3
June	28.49	28.71	28.13	58.5	71.3	71.8	75.8	54.3	65.0	91	39	52	53	51	80	54	50	.403	.434	.394	1.78	.53	.0	4.6	6.2	5.2	4.4
July	28.54	28.88	28.34	71.2	88.5	90.2	93.7	67.6	80.6	105	57	63	60	61	76	42	40	.587	.549	.553	1.19	.42	.0	4.2	2.2	1.9	2.4
August	28.55	28.83	28.15	63.2	80.4	78.9	85.4	59.1	72.2	102	38	55	54	55	78	44	48	.454	.455	.461	5.42	1.40	.0	4.3	2.6	4.0	3.2
September	28.58	29.11	28.24	51.6	73.2	71.5	77.8	49.4	63.6	95	26	44	42	43	78	36	38	.308	.284	.292	.22	.19	.0	2.9	2.7	3.1	2.7
October	28.67	29.15	28.20	36.5	54.1	52.2	61.0	32.7	46.8	81	12	29	30	29	74	42	45	.170	.179	.175	.31	.18	1.7	3.9	4.2	2.7	3.6
November	28.69	29.23	28.07	23.3	32.1	29.6	36.7	18.3	27.5	59	1	20	23	24	86	70	81	.109	.129	.133	.45	.29	3.4	6.3	6.1	6.3	6.1
December	28.70	29.21	27.89	15.8	23.3	21.3	28.0	10.9	19.4	48	−14	14	18	18	90	78	85	.088	.108	.104	.77	.18	6.8	6.4	6.8	5.6	6.6
Year	28.61	29.33	27.68	38.9	51.6	50.9	56.6	35.4	46.0	105	−20	34	34	35	82	57	60	.240	.245	.246	19.22	1.46	45.4	5.0	5.1	4.8	4.8

INDIANAPOLIS, IND.

[ϕ=39°46′ N.; λ=86°10′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.29	29.75	28.55	28.5	33.3	32.9	40.6	23.5	32.0	62	2	23	23	22	79	64	65	0.144	0.142	0.141	2.33	0.78	1.1	7.1	6.1	6.5	6.6
February	29.18	29.68	28.74	29.7	36.0	35.5	40.6	25.5	33.0	62	7	24	24	25	78	60	66	.134	.133	.141	.20	.08	T	7.2	8.0	7.3	7.8
March	29.12	29.57	28.67	42.7	51.3	50.5	56.5	38.4	47.4	74	26	35	36	37	74	57	62	.216	.224	.239	3.49	1.36	T	7.2	7.6	7.1	7.7
April	29.07	29.34	28.78	43.2	52.6	53.3	57.6	40.3	49.0	84	25	36	34	36	75	54	54	.214	.207	.212	1.54	.46	.2	6.6	7.4	8.2	7.7
May	29.14	29.52	28.85	53.9	62.1	61.4	66.5	49.6	58.0	80	34	44	44	44	71	55	57	.300	.300	.309	6.97	3.23	.0	6.7	7.2	7.6	7.0
June	29.06	29.32	28.62	64.4	72.6	71.9	77.0	60.1	68.6	93	48	57	55	57	77	57	62	.473	.453	.482	4.66	1.80	.0	7.1	6.1	6.4	6.9
July	29.14	29.41	28.93	73.3	84.0	80.9	87.7	69.4	78.6	97	60	66	65	65	78	54	61	.644	.632	.633	3.16	2.33	.0	5.1	5.2	5.0	5.4
August	29.13	29.34	28.94	69.7	81.3	78.5	84.5	66.8	75.6	96	51	63	61	61	80	52	57	.600	.567	.568	4.99	3.64	.0	6.3	5.7	4.8	6.0
September	29.18	29.37	28.88	60.1	73.3	71.2	77.6	57.7	67.6	91	41	53	52	54	78	50	56	.413	.407	.429	3.98	1.52	.0	3.1	3.3	3.0	3.4
October	29.29	29.68	28.80	50.3	62.4	59.4	65.2	47.1	56.2	84	31	42	42	42	75	51	56	.286	.302	.295	1.01	.30	.0	5.4	5.4	5.0	6.0
November	29.23	29.72	28.75	38.9	43.1	43.5	47.8	35.4	41.6	71	18	34	34	34	82	73	70	.209	.218	.213	3.56	1.82	.3	7.9	8.5	7.4	8.3
December	29.23	29.70	28.73	23.6	27.4	27.4	32.4	19.4	25.9	52	−6	19	18	19	82	66	68	.115	.113	.114	1.84	.47	7.5	7.1	7.5	7.2	8.3
Year	29.17	29.75	28.55	48.2	56.6	55.5	61.2	44.4	52.8	97	−6	41	41	41	77	58	61	.312	.308	.315	37.73	3.64	9.1	6.4	6.5	6.3	6.8

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

HONOLULU, T. H.

[H=12 ft.; H_b=38 ft.; h_t=86 ft.; h_r=68 ft.; h_a=100 ft.]

Month	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction of maximum velocity	Wind: By self-register: Days with 32 miles or over	Wind: Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: T or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Dense	Maximum temp.: 32° or below	Maximum temp.: 90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Electricity: Aurora
	Mi.		*Mi.*																										
January	11.2	E.	30	W.	0	12	10	20	0	1	4	8	7	0	11	10	10	22	12	0	0	0	0	0	0	0	0	2	0
February	9.5	E.	30	NE.	0	8	12	31	1	0	0	1	2	1	13	9	6	10	7	0	0	1	0	0	0	0	0	2	0
March	7.9	E.	30	E.	0	11	21	12	3	2	5	4	3	1	6	13	12	14	9	0	0	0	0	0	0	0	0	0	0
April	11.5	E.	26	NE.	0	0	15	41	1	1	0	1	0	1	17	3	10	7	1	0	0	0	0	0	0	0	0	0	0
May	9.4	E.	23	E.	0	2	10	45	0	0	2	0	2	1	8	21	2	6	1	0	0	0	0	0	0	0	0	0	0
June	9.6	E.	25	NE.	0	1	10	42	3	1	1	0	2	0	10	18	2	10	3	0	0	0	0	0	0	0	0	0	0
July	9.8	E.	29	NE.	0	1	6	50	3	2	0	0	0	0	5	14	12	16	7	0	0	0	0	0	0	0	0	0	0
August	9.3	E.	25	E.	0	0	13	45	2	0	1	0	1	0	17	14	0	11	6	0	0	0	0	0	0	0	0	0	0
September	8.7	E.	25	E.	0	2	11	32	1	2	7	1	4	0	9	11	10	16	7	0	0	0	0	0	0	0	0	0	0
October	6.9	NE.	24	S.	0	9	23	17	6	2	0	0	1	4	7	16	8	10	7	0	0	0	0	0	0	0	0	0	0
November	8.5	E.	22	E.	0	3	18	24	1	2	2	1	5	4	7	18	5	12	11	0	0	0	0	0	0	0	0	1	0
December	8.9	E.	25	E.	0	4	10	29	2	8	6	1	1	1	11	13	7	10	4	0	0	0	0	0	0	0	0	0	0
Year	9.3	E.	30	E.	0	53	159	388	23	21	28	17	28	13	121	160	84	144	75	0	0	1	0	0	0	0	0	5	0

HOUSTON, TEX.

[H=32 ft.; H_b=138 ft.; h_t=292 ft.; h_r=286 ft.; h_a=314 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.9	S.	35	NW.	1	4	5	5	5	6	2	3	1	0	9	10	12	7	5	0	0	0	12	1	0	0	3	1	0
February	12.1	S.	35	NW.	3	4	5	2	4	6	0	4	3	0	13	5	10	7	6	0	0	0	9	1	0	0	2	2	0
March	14.4	S.	35	NW.	2	3	2	2	8	14	1	9	1	0	5	14	12	6	5	0	0	0	15	0	0	0	0	4	0
April	12.6	SE.	41	SE.	2	5	3	1	10	9	0	1	1	0	5	12	13	10	5	0	0	0	10	3	0	0	0	8	0
May	12.8	SE.	54	SE.	2	5	4	3	12	7	0	0	0	0	7	14	10	11	8	0	0	0	5	0	0	0	0	6	0
June	10.7	S.	27	SE.	0	1	3	8	6	10	2	0	0	0	8	17	5	13	11	0	0	0	3	0	0	11	0	9	0
July	8.6	S.	34	N.	1	6	0	2	5	7	2	6	3	0	5	21	5	14	12	0	0	0	0	0	0	21	0	11	0
August	9.1	S.	38	E.	1	2	5	0	3	8	5	1	7	0	9	19	3	11	8	0	0	0	1	0	0	27	0	9	0
September	10.1	SE.	26	SW.	0	7	10	5	3	2	0	1	2	0	5	10	15	11	9	0	0	0	4	0	0	1	0	7	0
October	10.9	SE.	29	SE.	0	4	5	10	6	3	1	1	0	1	11	12	8	9	7	0	0	0	13	5	0	0	0	3	0
November	12.6	SE.	34	SE.	1	6	4	9	3	2	0	1	5	0	5	8	17	7	3	0	0	0	8	0	0	0	0	1	0
December	11.9	N.	36	S.	0	8	3	7	4	2	3	1	3	0	7	7	17	10	9	0	0	0	3	1	0	0	1	2	0
Year	11.4	SE.	54	SE.	13	55	49	54	69	76	16	19	26	1	89	149	127	116	88	0	0	0	83	11	0	60	6	63	0

HURON, S. DAK.

[H=1,282 ft.; H_b=1,301 ft.; h_t=59 ft.; h_r=53 ft.; h_a=74 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.1	N.	32	NW.	1	14	5	3	17	4	3	5	11	0	10	8	13	6	2	14	6	0	7	2	23	0	31	0	0
February	9.7	SE.	26	NE.	0	15	4	2	15	6	3	5	6	0	11	7	10	4	2	9	3	0	7	0	8	0	24	0	1
March	11.3	SE.	39	NW.	3	13	6	2	17	7	0	10	7	0	13	9	9	6	4	11	4	0	2	1	5	0	23	0	0
April	11.1	SE.	31	NW.	0	17	13	5	17	3	0	0	5	0	8	7	15	13	11	7	5	0	8	0	2	0	13	3	0
May	10.4	SE.	31	E.	0	11	7	9	17	3	0	7	7	1	5	13	13	11	7	0	0	0	0	0	0	0	1	3	0
June	10.4	SE.	46	W.	2	12	5	0	16	6	5	9	7	0	10	15	5	10	6	0	0	1	0	0	0	1	0	9	0
July	9.3	SE.	29	NE.	0	9	6	3	25	8	3	3	5	0	19	11	1	10	9	0	0	0	0	0	0	22	0	10	6
August	9.3	SE.	33	SW.	1	11	5	3	23	8	1	4	5	2	20	9	2	13	10	0	0	2	2	0	0	14	0	14	0
September	9.1	SE.	33	S.	1	12	7	2	19	7	2	4	7	0	22	7	1	2	1	0	0	0	2	0	0	3	1	3	2
October	10.2	SE.	31	SE.	0	9	1	3	24	8	2	4	11	0	19	5	7	4	3	3	2	0	3	2	1	0	16	1	1
November	9.3	SE.	27	NW.	0	16	4	1	19	7	0	4	9	0	9	10	11	8	3	14	7	0	6	0	11	0	29	0	0
December	8.9	NW.	32	NW.	1	8	4	4	16	5	3	6	16	0	8	8	15	10	5	18	9	0	12	4	19	0	30	0	1
Year	9.9	SE.	46	W.	9	147	67	37	225	72	22	61	96	3	154	109	102	97	63	76	36	3	49	9	60	40	168	43	5

INDIANAPOLIS, IND.

[H=715 ft.; H_b=822 ft.; h_t=194 ft.; h_r=188 ft.; h_a=230 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	12.0	S.	37	NW.	1	5	4	4	8	13	9	9	10	0	7	7	17	9	6	14	3	0	11	0	8	0	25	0	0
February	12.4	SW.	37	NW.	2	6	5	7	3	6	8	10	11	0	3	8	17	5	2	15	0	0	7	0	6	0	24	0	0
March	13.4	SW.	38	W.	3	5	7	6	8	12	13	2	9	0	3	10	18	17	12	6	0	0	3	0	1	0	9	3	0
April	11.6	E.	39	W.	1	10	7	16	6	1	4	4	12	0	3	9	18	9	5	3	1	0	11	0	0	0	4	1	0
May	11.1	E.	32	W.	1	3	15	14	6	5	6	4	9	0	6	9	16	17	15	0	0	0	2	0	0	0	0	8	0
June	9.3	SW.	29	W.	0	9	2	5	7	9	17	13	5	0	0	18	12	16	13	0	0	0	1	0	0	2	0	9	0
July	8.1	SW.	33	NW.	1	9	7	4	6	11	14	6	5	0	9	15	7	12	7	0	0	0	3	0	0	10	0	12	0
August	8.8	SW.	30	W.	0	6	8	7	7	8	13	5	8	0	6	13	12	8	5	0	0	0	3	0	0	10	0	7	0
September	8.8	SW.	25	NE.	0	7	8	5	3	12	13	7	5	0	18	7	5	6	6	0	0	0	4	0	0	1	0	3	0
October	9.0	S.	33	W.	1	9	4	6	9	13	11	3	7	0	8	10	13	11	7	0	0	0	17	3	0	0	1	0	0
November	10.9	S.	29	S.	0	5	12	6	4	13	8	9	3	0	3	4	23	15	9	3	2	0	15	1	2	0	9	1	0
December	11.1	W.	37	W.	1	1	4	4	11	7	7	16	12	0	2	6	23	15	9	17	10	0	9	3	15	0	26	0	0
Year	10.5	SW.	39	W.	11	68	83	84	78	110	123	88	96	0	68	116	181	140	96	58	16	0	86	7	32	23	98	44	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ITHACA, N. Y.

[ϕ=42°27′ N.; λ=76°29′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.21	29.80	28.53	21.0	25.3	22.8	30.7	13.5	22.1	53	−11	16	18	17	80	72	76	0.108	0.112	0.108	2.69	1.04	10.1	8.5	8.7	7.5	8.2
February	29.10	29.77	28.56	22.2	29.0	26.2	33.8	16.0	24.9	51	−8	17	20	20	79	66	74	.101	.110	.110	1.31	.57	9.5	8.2	8.5	7.2	8.1
March	29.13	29.78	28.55	34.1	41.1	37.9	45.9	26.9	36.4	72	0	27	28	29	74	62	70	.150	.165	.165	3.14	.69	13.1	7.5	6.9	5.5	7.1
April	29.02	29.34	28.54	41.3	49.0	43.7	52.5	34.4	43.4	86	24	32	33	35	72	59	72	.188	.195	.209	3.59	1.01	11.7	6.9	7.2	5.8	7.2
May	29.10	29.41	28.66	51.2	59.0	54.4	62.5	41.3	51.9	82	32	40	41	41	66	53	63	.258	.263	.265	2.22	1.05	.0	5.7	7.0	5.2	6.5
June	29.04	29.36	28.59	63.8	72.3	66.2	76.6	53.1	64.8	88	44	55	54	56	73	57	70	.433	.434	.447	3.39	.76	.0	6.0	7.6	7.1	7.0
July	29.09	29.41	28.82	71.3	81.8	74.1	86.2	62.7	74.0	96	48	63	65	65	76	58	74	.590	.619	.621	12.59	7.90	.0	6.0	6.2	5.9	6.1
August	29.13	29.39	28.77	66.6	75.9	68.6	79.6	58.7	69.2	93	43	58	60	60	77	58	75	.502	.532	.532	2.60	.97	.0	4.7	6.3	5.5	5.8
September	29.14	29.41	28.67	55.8	64.9	58.0	69.0	48.5	58.8	86	36	49	51	51	80	63	77	.360	.387	.378	2.46	.84	.0	5.8	6.7	4.1	6.3
October	29.26	29.64	28.53	47.7	57.8	50.9	61.9	40.8	51.4	82	26	40	42	40	74	57	68	.256	.279	.259	2.80	1.42	T	6.1	5.8	2.9	5.7
November	29.21	29.61	28.69	39.0	44.6	41.2	47.3	34.7	41.0	70	18	34	35	35	83	71	77	.209	.221	.212	1.78	.69	4.0	8.0	8.0	7.4	8.2
December	29.10	29.75	28.62	22.6	26.4	23.8	29.2	18.5	23.8	46	−4	19	20	19	84	74	81	.110	.116	.112	2.89	1.06	14.5	9.5	9.0	9.0	8.9
Year	29.13	29.80	28.53	44.7	52.3	47.3	56.2	37.4	46.8	96	−11	38	39	39	76	62	73	.272	.286	.285	41.46	7.90	62.9	6.9	7.3	6.1	7.1

JACKSONVILLE, FLA.

[ϕ=30°20′ N.; λ=81°39′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.09	30.42	29.70	50.3	62.2	57.5	66.3	48.2	57.2	81	31	46	49	48	87	64	72	0.345	0.381	0.354	2.77	2.14	T	4.5	3.7	4.0	3.9
February	30.08	30.58	29.66	48.1	62.0	58.4	67.3	46.4	56.8	83	27	43	45	46	82	56	66	.304	.335	.336	1.69	1.02	0.0	4.7	3.8	3.1	3.6
March	30.10	30.51	29.60	61.1	74.1	68.7	79.0	58.7	68.8	91	32	56	54	56	83	51	67	.472	.439	.469	1.13	.58	.0	3.6	4.5	4.7	4.0
April	29.90	30.14	29.55	64.0	76.1	71.3	80.1	60.7	70.4	89	46	58	53	57	82	47	62	.508	.428	.459	2.66	1.20	.0	3.7	5.1	5.3	4.2
May	29.98	30.18	29.73	72.8	82.4	76.8	85.9	68.1	77.0	93	61	66	62	64	80	52	67	.640	.575	.608	5.28	2.84	.0	4.4	5.9	4.6	4.7
June	29.96	30.11	29.78	77.2	86.7	79.9	90.2	72.7	81.4	96	68	70	66	69	79	52	71	.736	.644	.718	3.03	.97	.0	4.0	6.2	7.4	5.4
July	29.99	30.21	29.65	77.3	85.5	79.0	88.5	73.2	80.8	94	69	73	71	72	86	62	79	.807	.753	.774	9.87	1.29	.0	6.2	7.4	7.3	6.9
August	29.94	30.12	29.78	78.2	87.6	80.4	90.5	74.7	82.6	98	72	74	72	73	87	61	80	.836	.706	.821	9.07	3.74	.0	5.5	7.3	7.3	6.9
September	29.92	30.13	29.48	74.5	81.4	76.5	84.5	71.6	78.0	92	67	72	71	71	91	71	84	.772	.756	.766	9.15	2.50	.0	5.9	7.6	6.2	6.8
October	30.07	30.32	29.73	67.4	78.0	72.0	79.7	65.0	72.4	88	55	64	63	66	89	61	80	.607	.586	.635	.40	.14	.0	4.4	6.2	2.9	5.3
November	30.04	30.44	29.84	57.7	69.6	63.8	72.3	55.6	64.0	86	34	54	56	56	87	62	77	.451	.470	.487	.31	.17	.0	4.4	4.9	2.9	4.9
December	30.09	30.46	29.48	42.8	53.9	50.5	58.4	40.6	49.5	74	23	37	38	40	80	57	68	.238	.252	.265	1.34	.71	.0	6.0	5.9	4.9	5.8
Year	30.01	30.58	29.48	64.3	75.0	69.6	78.6	61.3	69.9	98	23	59	58	60	84	58	73	.560	.534	.560	46.70	3.74	T	4.8	5.7	5.0	5.2

KALISPELL, MONT.

[ϕ=48°10′ N.; λ=114°25′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	26.91	27.55	26.39	20.5	24.2	24.3	28.2	15.1	21.6	51	−25	17	20	20	87	82	81	0.112	0.122	0.123	1.97	0.46	19.5	7.9	8.1	7.0	8.6
February	27.09	27.55	26.49	23.0	30.6	32.4	34.8	20.8	27.8	48	10	21	27	28	90	84	82	.110	.143	.148	.25	.11	.4	4.3	7.0	6.1	7.2
March	26.80	27.11	26.32	27.1	35.7	36.2	39.4	24.4	31.9	57	11	23	25	25	83	66	62	.124	.137	.133	1.18	.34	7.6	6.6	8.3	7.2	7.5
April	26.89	27.31	26.40	30.1	43.3	45.8	48.6	27.8	38.2	64	7	25	29	28	82	57	51	.140	.160	.152	1.81	.64	5.5	5.8	6.8	5.4	6.0
May	26.91	27.32	26.49	40.1	59.2	60.2	63.6	38.2	50.9	79	28	33	34	33	76	41	38	.192	.199	.192	1.04	.52	T	3.1	5.4	5.9	5.0
June	26.89	27.16	26.64	47.5	64.8	66.6	70.1	44.9	57.5	88	34	40	39	38	77	41	39	.243	.243	.234	1.03	.52	.0	4.7	6.2	6.1	5.6
July	26.94	27.26	26.68	52.9	74.3	77.0	79.7	50.8	65.2	96	40	44	46	42	74	40	33	.294	.314	.276	1.11	.38	.0	2.4	4.1	3.9	3.5
August	26.93	27.17	26.66	48.8	71.8	74.8	77.0	47.3	62.2	92	40	40	39	38	71	33	30	.244	.244	.239	.37	.27	.0	3.0	2.9	2.5	3.1
September	26.96	27.30	26.51	45.3	66.2	68.9	72.1	42.9	57.5	84	29	37	40	38	75	40	34	.227	.249	.232	.14	.08	.0	4.1	4.2	4.1	4.4
October	27.00	27.50	26.46	34.4	50.5	49.0	54.9	31.1	43.0	79	−4	29	31	33	82	50	58	.171	.184	.198	.53	.30	3.0	4.3	5.8	5.5	5.8
November	27.05	27.28	26.46	23.2	31.9	31.2	35.7	20.3	28.0	46	−6	20	26	27	85	77	83	.114	.143	.149	1.02	.35	6.8	5.2	7.3	5.9	7.2
December	27.04	27.50	26.45	26.9	29.9	30.5	32.4	25.1	28.8	47	18	25	27	27	91	86	86	.133	.143	.145	1.02	.26	5.9	7.7	9.5	8.5	9.4
Year	26.95	27.55	26.32	35.0	48.5	49.7	53.0	32.4	42.7	96	−25	30	32	31	81	58	57	.175	.190	.185	11.47	.64	48.7	4.9	6.3	5.7	6.1

KANSAS CITY, MO.

[ϕ=39°5′ N.; λ=94°37′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.35	29.88	28.47	28.3	34.1	33.5	40.8	24.0	32.4	67	−6	24	24	27	82	68	76	0.142	0.152	0.159	1.13	0.60	0.1	5.5	6.4	5.6	6.3
February	29.35	29.84	28.64	32.0	40.1	39.5	44.3	29.3	36.8	75	11	27	29	30	81	66	71	.149	.163	.175	1.34	.58	.2	5.3	6.5	5.5	6.3
March	29.12	29.64	28.56	43.7	54.6	54.9	61.5	40.8	51.2	83	16	35	36	36	74	52	53	.220	.226	.230	.69	.41	T	6.9	5.5	4.3	5.6
April	29.13	29.50	28.75	44.6	56.8	57.1	61.8	42.6	52.2	82	31	38	39	39	79	54	54	.243	.248	.248	2.30	.95	1.0	6.6	7.2	6.4	6.6
May	29.15	29.60	28.61	54.4	63.1	62.7	67.9	51.7	59.8	89	39	51	52	53	89	70	73	.388	.410	.425	9.99	1.90	.0	9.0	8.9	7.8	7.3
June	29.10	29.35	28.64	65.6	76.2	75.4	81.0	62.1	71.6	91	46	60	59	61	83	58	62	.532	.528	.559	3.24	.95	.0	7.5	7.1	5.5	6.6
July	29.17	29.38	28.95	78.1	93.5	92.3	97.5	76.1	86.8	104	67	70	68	68	76	44	46	.734	.688	.680	.51	.22	.0	2.7	3.2	2.4	2.9
August	29.16	29.40	28.88	72.4	85.1	85.1	90.9	69.7	80.3	104	55	63	62	63	74	48	50	.593	.573	.582	2.28	2.69	.0	5.0	4.0	4.3	4.2
September	29.21	29.52	29.00	61.1	76.4	73.9	81.2	59.1	70.2	94	40	55	55	56	82	51	56	.448	.449	.465	4.60	1.74	.0	3.2	2.9	2.9	3.4
October	29.30	29.81	28.85	50.2	61.3	58.6	66.5	45.9	56.2	85	30	45	45	47	84	59	67	.324	.331	.342	3.89	1.72	.0	5.7	6.0	5.8	6.3
November	29.30	29.65	28.64	37.6	44.0	42.2	48.6	34.4	41.5	68	26	33	34	35	83	71	75	.191	.208	.207	3.84	1.28	1.1	7.3	6.8	7.1	7.2
December	29.33	29.79	28.71	27.4	35.7	34.7	39.8	24.6	32.2	57	3	22	24	25	78	61	68	.127	.137	.146	.28	.13	1.0	4.8	5.9	4.6	5.5
Year	29.22	29.88	28.47	49.6	60.1	59.2	65.2	46.7	55.9	104	−6	44	44	45	80	58	63	.341	.343	.352	33.86	2.69	3.4	5.8	5.9	5.2	5.7

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ITHACA, N. Y.

[H=872 ft.; H_b=836 ft.; h_t=77 ft.; h_r=49 ft.; h_a=100 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	12.1	NW.	32	SE.	1	9	3	1	14	13	0	7	14	1	3	3	25	16	12	22	13	0	5	1	16	0	26	0	0
February	9.5	NW.	27	NW.	0	9	0	4	9	9	3	8	14	0	3	5	20	16	7	17	11	0	7	2	12	0	26	0	0
March	10.4	NW.	36	NW.	2	9	0	2	13	14	3	2	19	0	5	8	18	14	11	10	5	1	8	0	3	0	19	1	0
April	9.0	NW.	27	W.	0	12	1	6	8	0	0	5	25	3	4	12	14	15	12	8	7	0	9	2	0	0	11	1	0
May	8.5	NW.	34	S.	2	5	2	8	4	4	3	1	33	2	5	14	12	10	7	0	0	0	6	2	0	0	1	2	0
June	7.7	NW.	28	S.	0	6	2	4	11	11	3	1	21	1	2	13	15	14	9	0	0	0	10	1	0	0	0	1	0
July	6.7	S.	27	NW.	0	6	0	6	13	14	3	1	10	3	5	17	9	15	13	0	0	1	2	1	0	7	0	10	0
August	7.0	NW.	22	N.	0	5	5	7	14	13	2	3	13	0	4	18	9	11	6	0	0	0	5	0	0	2	0	6	0
September	8.0	NW.	25	SE.	0	7	2	8	14	11	0	2	16	0	6	8	16	12	12	0	0	0	7	1	0	0	4	5	1
October	8.9	NW.	33	S.	1	1	1	6	17	9	6	4	18	0	9	11	11	12	7	2	0	0	6	1	0	0	4	1	0
November	9.6	NW.	31	S.	0	13	0	4	13	9	7	0	14	0	3	5	22	11	8	6	2	0	15	2	1	0	13	0	0
December	9.1	NW.	25	N.	0	6	2	4	12	5	5	8	20	0	0	5	26	21	13	24	15	0	5	1	19	0	25	0	0
Year	8.9	NW.	36	NW.	6	88	24	60	142	112	35	42	217	10	49	119	197	167	117	89	53	2	85	14	51	9	125	27	1

JACKSONVILLE, FLA.

[H=18 ft.; H_b=43 ft.; h_t=86 ft.; h_r=78 ft.; h_a=110 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.9	NE.	27	SW.	0	13	13	1	4	7	4	7	13	0	17	8	6	7	7	1	1	0	5	0	0	0	3	0	0
February	8.7	NW.	30	SW.	0	11	4	6	4	5	10	8	6	2	15	9	4	5	4	0	0	0	4	1	0	0	2	1	0
March	8.6	SW.	41	SW.	1	5	6	4	17	5	13	5	7	0	14	11	6	3	3	0	0	0	2	0	0	1	1	1	0
April	8.6	SW.	27	W.	0	3	4	10	5	4	15	13	6	0	10	16	4	7	7	0	0	0	1	0	0	0	0	8	0
May	7.5	S.	34	SW.	1	3	9	8	15	11	6	6	3	1	11	13	7	7	7	0	0	0	1	0	0	10	0	6	0
June	7.3	S.	24	W.	0	2	0	9	16	10	10	6	7	0	7	18	5	12	8	0	0	0	0	0	0	16	0	17	0
July	7.3	S.	24	SW.	0	2	3	15	11	9	17	5	0	0	3	14	14	22	21	0	0	0	1	0	0	10	0	17	0
August	6.5	S.	24	SW.	0	2	8	8	10	10	13	5	3	3	4	9	18	15	13	0	0	0	2	0	0	16	0	15	0
September	8.6	NE.	28	S.	0	11	21	8	4	6	7	1	2	0	1	19	10	25	20	0	0	0	4	0	0	2	0	14	0
October	8.5	NE.	25	NE.	0	17	27	8	4	1	1	2	1	1	12	8	11	10	4	0	0	0	4	2	0	0	0	0	0
November	7.8	N.	20	N.	0	14	9	7	5	5	2	7	11	0	13	6	11	4	2	0	0	0	3	1	0	0	0	0	0
December	8.4	NW.	19	SW.	0	8	8	3	2	3	11	7	19	1	12	3	16	6	4	0	0	0	0	0	0	0	6	0	0
Year	8.1	NE.	41	SW.	2	91	112	87	97	76	109	72	78	8	119	134	112	123	100	1	1	0	27	4	0	55	12	79	0

KALISPELL, MONT

[H=2,956 ft.; H_b=2,973 ft.; h_t=48 ft.; h_r=40 ft.; h_a=56 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	5.8	NW.	23	N.	0	5	3	9	5	5	4	16	15	0	1	6	24	19	15	18	15	0	6	5	16	0	28	0	0
February	4.6	NW.	22	SW.	0	2	2	5	6	1	2	19	16	3	5	4	19	5	3	10	2	0	5	5	8	0	28	0	0
March	7.0	SW.	26	S.	0	4	6	2	9	3	15	13	10	0	2	10	19	17	10	24	13	0	0	0	3	0	27	0	0
April	6.9	NW.	27	N.	0	3	4	4	10	2	7	14	15	1	7	12	11	13	8	11	7	0	0	0	1	0	20	1	0
May	7.0	W.	22	SW.	0	4	6	1	16	1	3	22	9	0	9	17	5	9	6	1	0	1	0	0	0	0	8	4	0
June	7.1	W.	27	W.	0	3	6	5	9	4	1	21	11	0	7	15	8	6	4	0	0	0	0	0	0	0	0	2	0
July	6.6	W.	25	SE.	0	1	6	9	5	2	5	23	11	0	16	13	2	9	6	0	0	3	0	0	0	5	0	7	0
August	6.7	W.	23	SW.	0	1	4	7	10	2	2	26	10	0	18	9	4	2	2	0	0	0	0	0	0	2	0	3	0
September	6.6	W.	23	SW.	0	4	2	3	13	2	5	13	18	0	10	13	7	5	1	0	0	0	0	0	0	0	1	1	0
October	6.0	W.	29	NE.	0	3	3	3	8	4	9	16	13	3	8	8	15	5	3	4	2	0	2	1	3	0	14	0	0
November	4.6	NW.	29	N.	0	1	1	2	1	4	4	16	25	6	4	10	16	8	7	11	5	0	2	2	8	0	28	0	0
December	3.9	NW.	15	SW.	0	9	4	4	1	2	5	11	19	7	0	3	28	12	9	16	8	0	10	5	13	0	27	0	0
Year	6.1	W.	29	N.	0	40	47	54	93	32	62	210	172	20	87	120	158	110	74	95	52	4	25	18	52	7	181	18	0

KANSAS CITY, MO.

[H=741 ft.; H_b=750 ft.; h_t=32 ft.; h_r=38 ft.; h_a=45 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.2	SW.	35	W.	1	8	9	7	7	5	13	4	8	1	9	8	14	7	5	4	0	0	13	8	6	0	23	0	0
February	10.7	SW.	34	NW.	1	14	4	5	2	6	14	5	4	2	8	7	13	6	5	5	2	0	11	1	4	0	20	1	0
March	12.5	SW.	39	SW.	5	5	13	8	6	4	14	1	9	2	10	9	12	4	3	2	0	0	5	1	0	0	7	1	0
April	11.3	N.	43	NW.	1	9	12	6	8	5	9	2	8	1	4	10	16	11	6	1	1	1	13	2	0	0	3	3	0
May	9.1	NE.	34	NW.	2	13	13	15	6	6	3	3	3	0	1	8	22	22	17	0	0	1	15	2	0	0	0	9	0
June	9.4	SW.	35	NW.	2	3	5	2	12	14	9	8	7	0	4	14	12	17	13	0	0	0	3	1	0	4	0	11	0
July	8.5	SW.	37	NW.	1	3	5	5	8	12	22	3	3	1	20	9	2	4	4	0	0	0	1	0	0	29	0	9	0
August	8.4	SW.	28	NW.	0	6	7	15	3	11	13	2	4	1	14	10	7	9	6	0	0	0	1	0	0	19	0	8	0
September	8.9	SW.	30	SW.	0	10	5	3	3	18	11	2	4	4	19	3	8	8	7	0	0	0	12	4	0	8	0	3	0
October	8.0	S.	34	NW.	1	9	8	9	7	14	5	3	4	3	7	9	15	11	9	0	0	0	13	2	0	0	3	7	0
November	9.6	SW.	30	SW.	0	10	6	8	4	5	13	1	12	1	8	2	20	10	8	4	1	0	9	2	0	0	12	1	0
December	9.3	SW.	35	NW.	1	3	5	5	7	6	13	6	15	2	11	7	13	6	2	9	5	0	4	1	8	0	24	0	0
Year	9.7	SW.	43	NW.	15	93	92	88	73	106	139	40	81	18	115	96	154	115	85	26	9	2	100	24	18	60	92	53	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

KEOKUK, IOWA

[ϕ=40°22′ N.; λ=91°26′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.51	30.07	28.64	24.1	29.3	29.4	36.2	19.5	27.8	55	−8	19	19	22	81	65	72	0.119	0.119	0.132	1.81	1.10	2.1	6.1	5.5	5.1	6.4
February	29.43	29.93	28.82	29.6	34.7	34.3	39.4	27.0	33.2	61	9	25	25	27	82	69	75	.136	.143	.152	1.79	.87	1.0	6.4	7.6	6.5	7.5
March	29.30	29.83	28.78	41.1	48.1	48.0	54.8	36.6	45.7	77	15	34	36	36	77	63	66	.215	.223	.228	2.97	.83	1.6	7.2	6.4	5.8	6.9
April	29.30	29.60	29.01	43.7	52.9	53.2	57.5	41.3	49.4	79	28	36	37	39	75	56	61	.222	.231	.254	2.48	.77	2.5	6.8	7.9	7.1	7.5
May	29.35	29.80	28.97	53.0	60.7	60.9	64.7	49.8	57.2	81	35	47	47	49	81	64	68	.334	.335	.363	7.28	1.39	.0	7.9	7.8	8.0	8.0
June	29.24	29.50	28.74	64.4	73.4	72.6	77.7	60.2	69.0	88	47	58	58	60	80	60	66	.491	.501	.533	6.40	2.30	.0	7.1	7.3	7.3	7.2
July	29.34	29.55	29.09	75.8	86.6	84.5	90.4	71.5	81.0	97	65	68	67	70	77	54	62	.685	.681	.734	4.85	2.42	.0	3.4	4.6	5.1	4.4
August	29.33	29.58	29.08	70.3	80.9	79.4	84.8	66.9	75.8	95	50	63	62	64	78	54	61	.598	.582	.631	1.90	.80	.0	4.0	3.7	3.2	3.9
September	29.37	29.67	29.08	60.8	73.7	70.2	77.4	58.1	67.8	91	40	54	54	56	79	53	61	.430	.444	.459	4.46	1.48	.0	3.5	3.8	3.2	3.6
October	29.49	30.01	29.03	48.5	60.4	56.9	64.5	44.5	54.5	82	29	43	43	42	82	56	60	.297	.303	.292	1.66	.52	.0	5.1	5.9	5.0	5.5
November	29.47	29.91	28.82	35.7	41.8	40.3	46.3	31.8	39.0	72	12	31	31	32	82	67	74	.183	.186	.196	2.94	1.51	T	7.5	7.0	6.7	6.7
December	29.50	29.97	28.83	21.0	28.0	27.8	32.8	18.3	25.6	56	−7	16	18	21	80	66	74	.102	.113	.121	1.00	.42	6.8	7.0	6.6	5.6	6.5
Year	29.39	30.07	28.64	47.3	55.9	54.8	60.5	43.8	52.2	97	−8	41	41	43	80	61	67	.318	.322	.341	39.54	2.42	14.0	6.0	6.2	5.7	6.2

KEY WEST, FLA.

[ϕ=24°33′ N.; λ=81°48′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.06	30.26	29.84	66.8	72.3	68.7	74.5	64.9	69.7	81	53	60	60	61	79	64	77	0.530	0.529	0.549	1.91	1.88	0.0	2.9	3.6	3.1	3.4
February	30.07	30.41	29.85	66.3	72.5	68.2	74.9	63.7	69.3	83	50	60	60	60	81	66	77	.549	.545	.549	.40	.35	.0	4.0	2.4	2.6	3.2
March	30.08	30.37	29.84	73.2	78.5	73.7	80.6	69.8	75.2	87	57	65	65	65	78	64	76	.640	.631	.629	.30	.17	.0	3.1	2.3	1.8	2.6
April	29.94	30.16	29.79	77.2	82.1	77.3	84.5	72.3	78.4	88	65	68	70	68	74	66	74	.697	.729	.701	1.64	.62	.0	4.2	3.2	3.4	3.7
May	29.96	30.10	29.80	81.7	84.5	80.7	87.5	76.7	82.1	92	72	72	72	70	71	66	72	.771	.774	.747	.50	.22	.0	3.1	4.7	2.5	3.7
June	29.96	30.05	29.85	83.9	86.8	82.3	90.0	77.5	83.8	93	71	73	73	72	69	64	72	.803	.811	.797	2.62	1.44	.0	3.9	5.7	4.8	5.2
July	29.99	30.10	29.81	83.1	85.6	81.7	88.1	77.6	82.8	91	71	74	74	74	76	69	77	.852	.840	.828	10.08	4.94	.0	4.5	5.6	5.2	5.8
August	29.95	30.13	29.85	85.8	87.2	82.9	89.5	78.6	84.0	91	73	75	76	74	74	68	74	.859	.883	.837	4.18	.95	.0	5.5	4.6	5.2	5.0
September	29.88	30.03	29.59	82.2	85.4	81.8	88.0	76.9	82.4	91	71	75	75	74	78	71	77	.858	.867	.831	9.09	5.03	.0	5.1	5.6	3.7	5.7
October	29.96	30.11	29.78	78.0	81.7	78.2	83.6	74.6	79.1	89	71	71	72	71	89	72	79	.771	.776	.757	2.21	.88	.0	5.1	6.3	4.5	6.0
November	30.00	30.24	29.66	72.6	77.5	72.9	78.9	68.6	73.8	84	60	66	66	65	79	68	76	.635	.639	.625	5.14	4.60	.0	4.8	3.6	2.4	4.3
December	30.07	30.32	29.66	65.7	69.1	64.5	71.1	60.3	65.7	80	52	57	57	58	78	65	73	.409	.471	.483	.95	.68	.0	3.5	4.0	3.3	3.9
Year	29.99	30.41	29.39	76.0	80.3	76.1	82.6	71.8	77.2	93	50	68	68	68	76	67	76	.703	.708	.694	39.62	5.05	.0	4.1	4.3	3.6	4.4

KNOXVILLE, TENN.

[ϕ=35°58′ N.; λ=83°55′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.10	29.47	28.64	37.1	44.3	43.2	49.3	33.5	41.4	68	10	32	32	33	80	62	68	0.193	0.196	0.201	3.48	1.46	7.1	5.8	5.5	5.7	5.7
February	29.04	29.55	28.67	36.7	45.9	45.1	51.1	34.2	42.6	67	16	32	35	35	81	66	69	.185	.209	.214	4.72	1.65	.2	5.9	5.9	5.3	6.1
March	29.02	29.36	28.44	49.1	60.8	57.7	66.9	45.2	56.0	83	25	44	47	48	82	63	72	.305	.352	.355	7.85	2.30	1.6	6.1	5.8	6.3	6.3
April	28.87	29.12	28.54	53.5	63.0	61.2	67.2	50.5	58.8	87	35	47	49	49	79	63	66	.336	.367	.361	5.95	1.91	.0	6.9	6.3	5.2	6.2
May	28.96	29.20	28.58	62.1	72.8	70.3	78.1	57.5	67.8	86	45	55	57	57	78	59	64	.441	.474	.469	4.46	1.32	.0	5.2	5.2	5.3	5.2
June	28.95	29.14	28.60	68.9	79.4	76.1	84.2	63.0	73.6	92	54	61	60	59	76	53	58	.546	.533	.522	4.14	1.07	.0	3.7	4.2	4.8	4.6
July	28.98	29.27	28.72	74.2	85.1	80.5	89.9	69.5	79.7	95	65	68	66	67	80	54	66	.675	.644	.672	4.91	1.79	.0	3.0	3.9	3.5	4.2
August	28.96	29.12	28.79	72.6	84.8	80.3	89.6	69.3	79.4	101	56	66	65	67	81	54	65	.655	.637	.677	2.60	.70	.0	3.5	3.7	4.8	4.0
September	28.99	29.23	28.71	64.3	80.7	75.5	85.8	61.7	73.8	93	49	58	56	58	81	45	57	.494	.469	.497	.27	.14	.0	3.5	3.5	4.2	4.0
October	29.13	29.47	28.70	52.4	70.4	63.9	75.0	49.8	62.4	89	35	45	44	47	78	41	55	.316	.314	.338	3.92	1.62	.0	4.7	3.3	3.1	4.1
November	29.06	29.50	28.72	45.1	56.6	52.1	59.3	42.3	50.8	82	24	41	41	41	85	59	68	.274	.279	.287	7.29	3.65	T	5.3	6.2	6.1	6.3
December	29.07	29.44	28.61	29.0	37.0	34.5	39.7	25.5	32.6	60	9	24	25	25	80	62	69	.136	.141	.143	1.70	.66	7.0	6.5	6.2	6.5	6.6
Year	29.01	29.55	28.44	53.8	65.0	61.7	69.7	50.2	59.9	101	9	48	48	49	80	57	65	.380	.385	.395	51.29	3.65	15.9	5.0	5.0	5.1	5.3

LA CROSSE, WIS.

[ϕ=43°49′ N.; λ=91°15′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.37	30.00	28.45	10.8	17.4	17.0	23.3	5.4	14.4	42	−26	7	12	12	84	76	81	0.077	0.087	0.089	2.31	0.71	13.3	5.8	5.7	6.7	6.5
February	29.31	29.83	28.75	20.9	28.7	27.7	32.1	17.8	25.0	45	−14	17	21	22	84	71	78	.100	.114	.121	.71	.52	6.1	7.5	8.2	5.5	8.2
March	29.16	29.74	28.50	31.0	40.2	39.7	45.5	27.6	36.6	68	9	26	31	31	82	68	71	.148	.179	.187	1.69	.58	6.9	7.7	8.0	6.3	7.5
April	29.22	29.56	28.75	33.9	51.2	48.7	54.8	37.1	46.0	78	21	33	34	35	75	52	62	.198	.206	.217	2.40	.88	.1	6.8	6.4	6.1	6.6
May	29.28	29.70	29.03	48.4	60.8	60.0	64.6	44.6	54.6	79	28	41	39	40	77	49	51	.268	.251	.262	5.09	1.77	6.6	6.8	7.4	6.5	7.1
June	29.10	29.35	28.73	59.6	70.7	68.0	74.2	54.7	64.4	88	39	54	53	54	82	57	63	.430	.428	.437	5.03	2.19	.0	5.9	7.1	5.9	6.5
July	29.19	29.37	28.93	71.7	85.2	80.8	87.6	68.2	77.9	100	59	67	68	68	86	57	66	.669	.687	.697	3.24	1.97	.0	5.9	4.9	4.4	5.3
August	29.20	29.49	28.83	64.0	77.9	75.1	80.9	60.9	70.9	92	42	61	62	63	92	60	67	.564	.586	.613	7.53	3.71	.0	4.9	5.5	3.8	5.1
September	29.22	29.68	28.79	55.0	69.7	64.8	72.6	51.9	62.2	89	37	51	54	54	88	59	70	.395	.442	.446	2.93	1.43	.0	4.5	5.0	5.4	5.1
October	29.33	29.93	28.78	43.0	56.9	51.5	60.6	39.1	49.8	80	22	39	41	40	86	58	67	.254	.278	.268	3.83	1.61	T	5.0	5.8	5.5	5.8
November	29.32	29.76	28.57	29.7	36.0	33.8	39.4	26.5	33.0	53	13	26	28	28	84	72	77	.142	.157	.156	1.75	.73	2.0	7.7	7.8	7.1	7.6
December	29.34	29.80	28.79	17.9	23.4	22.2	26.5	14.1	20.3	41	−10	15	17	18	87	74	82	.098	.100	.103	.82	.27	7.4	8.2	8.2	8.3	8.0
Year	29.25	30.00	28.45	41.0	51.5	49.1	55.2	37.3	46.3	100	−26	36	38	39	84	63	70	.279	.203	.300	37.33	3.71	42.4	6.4	6.7	6.0	6.6

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

KEOKUK, IOWA

[H=574 ft.; H_b=614 ft.; h_t=64 ft.; h_r=56 ft.; h_a=78 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction of time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	8.7	SW.	30	W.	0	8	6	4	8	6	14	5	10	1	10	2	19	10	8	5	3	0	8	6	11	0	27	1	0
February	8.7	SW.	26	NW.	0	9	7	4	2	6	12	0	15	1	4	6	18	8	7	6	2	0	4	1	6	0	22	1	0
March	9.7	SW.	27	SW.	0	7	8	6	8	7	15	2	8	1	6	8	17	10	7	4	1	2	2	2	1	0	11	4	0
April	9.0	N.	30	N.	0	13	13	11	11	5	2	0	5	0	3	9	18	9	7	1	1	0	0	0	0	0	4	2	0
May	7.5	E.	23	N.	0	4	18	18	5	2	7	3	4	1	4	3	24	19	18	0	0	1	2	0	0	0	0	9	0
June	7.3	SW.	28	NW.	0	3	5	1	9	9	13	9	10	1	2	11	17	12	12	0	0	0	0	0	0	0	0	12	0
July	6.2	SW.	26	NW.	0	4	2	6	9	14	17	1	8	1	13	9	9	9	8	0	0	0	0	0	0	16	0	11	0
August	5.9	S.	29	N.	0	10	4	9	9	9	6	7	4	4	16	9	6	9	7	0	0	0	1	1	0	9	0	8	0
September	6.8	S.	21	SW.	0	11	1	4	5	17	11	4	3	4	18	4	8	8	5	0	0	0	2	1	0	2	0	3	0
October	6.8	S.	24	SW.	0	7	3	2	14	9	10	4	10	3	10	9	12	7	5	0	0	0	5	2	0	0	2	1	0
November	8.6	N.	27	W.	0	11	7	2	7	11	7	3	11	1	10	1	19	11	7	2	0	0	2	0	2	0	12	1	0
December	8.1	NW.	28	NW.	0	4	4	4	11	6	10	3	20	0	9	4	18	9	5	10	7	0	2	2	11	0	27	0	0
Year	7.8	SW.	30	W.	0	91	78	71	98	101	124	41	108	18	105	75	185	121	96	28	14	3	28	15	31	27	105	53	0

KEY WEST, FLA.

[H=5 ft.; H_b=22 ft.; h_t=10 ft.; h_r=3 ft.; h_a=64 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.4	N.	28	NW.	0	20	13	14	4	1	0	2	8	0	17	11	3	2	1	0	0	0	0	0	0	0	0	1	0
February	10.6	N.	35	NW.	1	14	13	9	10	3	2	1	4	0	15	10	3	4	1	0	0	0	0	0	0	0	0	0	0
March	10.5	E.	23	SE.	0	5	12	30	9	6	0	0	0	0	23	7	1	2	2	0	0	0	0	0	0	0	0	0	0
April	8.8	SE.	24	N.	0	14	4	9	13	6	2	1	10	1	14	14	2	7	7	0	0	0	0	0	0	0	0	6	0
May	9.8	SE.	21	E.	0	4	4	24	20	2	1	0	6	1	13	18	0	6	3	0	0	0	0	0	0	3	0	3	0
June	7.1	SE.	19	NE.	0	6	2	23	10	9	3	2	4	1	8	17	5	7	5	0	0	0	0	0	0	16	0	12	0
July	9.1	E.	25	SE.	0	1	6	28	15	10	2	0	0	0	5	17	9	13	11	0	0	0	0	0	0	2	0	17	0
August	8.2	E.	23	SW.	0	5	2	29	13	5	2	3	3	0	7	20	4	14	13	0	0	0	0	0	0	11	0	11	0
September	10.1	E.	46	W.	4	5	9	19	11	8	1	5	1	1	8	13	9	16	13	0	0	0	0	0	0	2	0	17	0
October	10.6	NE.	24	NE.	0	7	35	17	0	0	2	0	0	1	8	10	13	17	10	0	0	0	0	0	0	0	0	7	0
November	9.8	N.	36	W.	2	17	12	10	9	4	1	3	4	0	15	10	5	10	7	0	0	0	0	0	0	0	0	0	0
December	10.3	NE.	38	W.	1	22	21	4	3	3	1	3	5	0	15	13	3	2	2	0	0	0	1	0	0	0	0	1	0
Year	9.6	E.	46	W.	8	120	133	216	117	57	17	20	45	5	148	160	57	100	75	0	0	0	1	0	0	34	0	75	0

KNOXVILLE, TENN.

[H=921 ft.; H_b=995 ft.; h_t=66 ft.; h_r=57 ft.; h_a=84 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	6.1	NE.	21	W.	0	3	18	14	0	3	5	11	7	1	11	6	14	12	11	4	1	0	11	0	1	0	16	0	0
February	6.6	W.	21	W.	0	5	8	6	1	3	12	15	5	1	9	7	12	10	7	6	1	0	9	1	1	0	9	0	0
March	6.8	SW.	25	SE.	0	2	10	12	4	3	16	11	3	1	5	14	12	17	15	1	1	1	16	2	0	0	3	5	0
April	6.0	W.	26	W.	0	2	11	11	3	2	8	16	3	4	9	10	11	13	11	0	0	0	11	0	0	0	0	3	0
May	5.7	NE.	25	W.	0	4	9	14	6	2	8	14	4	1	9	16	6	17	15	0	0	1	19	1	0	0	0	11	0
June	5.3	SW.	25	W.	0	2	7	8	3	6	17	12	3	2	12	11	7	14	14	0	0	1	11	1	0	5	0	7	0
July	4.8	W.	28	SW.	0	6	10	14	4	9	3	10	4	2	12	17	2	12	9	0	0	0	16	2	0	17	0	13	0
August	5.2	NE.	22	NE.	0	5	15	21	4	4	7	5	1	0	18	8	5	13	11	0	0	0	16	1	0	17	0	9	0
September	4.5	NE.	17	E.	0	6	19	14	5	1	2	5	2	6	14	9	7	4	3	0	0	0	11	2	0	7	0	1	0
October	4.7	E.	22	W.	0	4	16	20	3	6	2	8	0	3	13	11	7	7	5	0	0	0	9	1	0	0	0	1	0
November	5.8	NE.	20	W.	0	6	12	13	1	4	3	10	8	3	9	7	14	10	7	1	0	0	18	2	0	0	6	2	0
December	6.4	W.	25	E.	0	4	9	12	3	3	13	11	6	1	8	7	16	8	7	15	5	0	7	0	9	0	23	0	0
Year	5.7	W.	28	SW.	0	49	144	159	37	46	96	128	46	25	129	123	113	137	115	27	8	3	154	13	11	46	57	52	0

LA CROSSE, WIS.

[H=673 ft.; H_b=714 ft.; h_t=11 ft.; h_r=3 ft.; h_a=48 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	6.0	S.	20	NW.	0	10	2	0	4	17	6	10	13	0	8	6	17	11	5	12	9	0	15	3	21	0	29	0	0
February	6.2	S.	22	W.	0	9	5	1	7	11	5	7	11	0	3	3	22	5	4	11	5	0	17	0	12	0	27	0	0
March	7.1	S.	21	S.	0	8	5	1	8	14	6	11	8	1	3	9	19	9	7	8	3	0	12	2	3	0	21	2	0
April	6.9	NW	23	NW.	0	12	10	4	10	7	2	4	10	1	6	8	16	12	7	6	3	0	13	0	0	0	11	3	0
May	5.5	E.	16	E.	0	6	12	8	11	10	4	3	8	0	5	7	19	10	9	2	2	0	13	1	0	0	2	4	0
June	5.4	S.	15	NW.	0	2	4	1	9	12	10	8	12	2	8	9	13	17	11	0	0	0	14	3	0	0	0	10	1
July	4.6	S.	18	NW.	0	6	1	1	10	24	8	6	5	1	8	16	7	10	7	0	0	0	9	1	0	9	0	11	2
August	4.2	S.	15	W.	0	3	2	1	12	10	11	7	7	3	11	11	9	11	9	0	0	0	18	5	0	3	0	8	0
September	4.9	S.	21	SW.	0	4	3	4	7	18	9	5	10	0	12	9	9	8	7	0	0	1	15	6	0	0	0	4	3
October	5.6	S.	19	SW.	0	2	1	0	7	19	8	6	14	5	8	10	13	10	7	2	0	1	14	3	0	0	7	4	0
November	5.8	S.	19	NW.	0	7	5	0	11	13	4	9	11	0	5	5	20	9	6	12	5	0	17	2	5	0	22	0	0
December	5.9	S.	16	NW.	0	3	1	3	10	15	4	12	14	0	5	3	23	10	6	20	8	0	20	0	21	0	29	0	1
Year	5.7	S.	23	NW.	0	72	51	24	106	176	77	88	123	13	82	96	187	122	85	73	35	2	177	26	62	12	148	46	7

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

LANDER, WYO.

[ϕ=42°50′ N.; λ=108°45′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	24.61	25.19	24.07	19.7	30.6	31.8	40.3	13.4	26.8	55	−25	14	18	19	80	54	59	0.084	0.104	0.106	0.05	0.05	0.6	4.5	4.7	3.5	5.1
February	24.70	25.21	24.20	19.8	35.0	35.5	40.9	14.9	27.9	65	−14	14	18	18	80	53	53	.084	.100	.100	1.67	1.48	14.2	4.0	4.9	4.5	4.5
March	24.46	24.79	24.05	25.5	39.2	39.5	45.4	20.2	32.8	66	6	16	18	15	67	42	37	.088	.097	.088	.50	.39	4.2	3.8	5.8	4.3	4.6
April	24.54	25.03	24.02	31.3	44.9	47.7	52.5	28.0	40.2	71	10	23	22	23	73	44	42	.123	.117	.124	2.91	1.07	18.9	4.8	6.5	6.4	5.9
May	24.61	24.98	24.11	39.9	50.2	52.0	55.9	36.7	46.3	71	26	34	34	33	79	57	53	.196	.198	.194	5.92	1.10	1.4	7.2	7.8	7.7	7.8
June	24.62	24.90	24.31	51.5	70.8	72.2	76.8	47.5	62.2	89	36	38	36	34	62	31	27	.232	.219	.205	.17	.11	.0	4.2	4.3	5.7	5.1
July	24.70	25.01	24.49	58.1	81.7	83.7	88.6	54.9	71.8	102	44	41	40	36	54	25	22	.233	.259	.226	.29	.16	.0	2.8	3.8	4.1	4.1
August	24.69	24.90	24.43	54.2	77.9	79.9	84.5	51.5	68.0	95	44	37	36	36	56	24	24	.230	.218	.222	.35	.17	.0	2.4	3.3	3.2	3.4
September	24.72	25.03	24.50	46.5	68.6	70.0	74.5	44.5	59.5	86	25	34	32	32	63	30	29	.196	.188	.189	.49	.34	.0	3.0	4.3	4.5	4.3
October	24.68	25.10	24.08	34.6	55.7	53.2	61.4	30.3	45.8	78	12	24	25	25	65	34	38	.127	.133	.136	.29	.22	1.0	3.3	3.8	4.3	4.5
November	24.67	24.92	24.13	20.0	37.8	31.9	41.7	16.4	29.0	56	−1	15	20	21	80	48	65	.085	.103	.111	.49	.32	6.5	2.1	4.7	4.8	4.6
December	24.68	25.05	24.14	14.3	29.3	24.4	34.1	9.4	21.8	49	−9	4	17	16	81	62	70	.068	.092	.086	.49	.31	5.2	2.7	3.2	3.1	3.8
Year	24.64	25.21	24.02	34.6	57.8	51.8	58.0	30.6	44.3	102	−25	24	26	26	70	42	43	.148	.152	.149	13.62	1.48	52.0	3.7	4.8	4.7	4.8

LANSING, MICH.

[ϕ=42°44′ N.; λ=84°26′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.18	29.74	28.30	21.2	25.7	23.7	29.2	15.7	22.4	42	−2	20	22	21	93	83	89	0.115	0.122	0.120	1.90	1.11	1.8	7.3	8.3	6.9	7.9
February	29.08	29.63	28.50	20.4	27.4	24.6	30.1	14.5	22.3	42	−1	20	23	22	97	82	90	.112	.123	.123	1.99	.41	17.1	8.2	8.2	7.4	8.0
March	29.04	29.62	28.56	32.2	43.6	39.2	46.1	28.0	37.0	66	10	30	33	33	91	67	81	.172	.198	.197	3.28	.69	8.7	5.5	7.1	6.7	6.6
April	29.03	29.30	28.46	38.2	49.6	46.5	53.2	34.0	43.6	80	20	34	35	35	86	60	67	.203	.210	.212	1.60	.67	.8	6.0	7.3	7.0	6.8
May	29.11	29.47	28.84	47.8	58.6	55.6	60.9	41.3	51.1	77	29	41	42	42	79	58	64	.268	.278	.284	3.88	1.57	.1	6.1	6.0	6.0	6.2
June	28.97	29.30	28.49	60.1	69.4	65.7	71.9	53.7	62.8	83	42	56	55	56	85	62	72	.453	.448	.459	4.95	1.91	.0	6.6	6.8	6.1	6.8
July	29.06	29.30	28.84	69.9	81.1	76.7	82.6	65.1	73.8	92	58	66	66	67	88	62	74	.647	.656	.677	2.60	1.11	.0	5.7	5.6	5.0	5.6
August	29.07	29.38	28.79	65.1	76.6	71.2	78.0	60.3	69.2	91	42	63	63	64	92	64	78	.591	.603	.609	2.69	.79	.0	5.7	6.4	5.2	6.1
September	29.10	29.38	28.66	53.4	67.4	61.2	70.1	47.6	58.8	85	32	51	52	54	92	60	77	.385	.409	.428	2.49	1.28	.0	5.8	4.8	4.0	5.4
October	29.20	29.65	28.46	43.4	57.2	50.0	59.2	38.7	49.0	79	27	41	42	42	91	58	75	.265	.279	.280	.66	.19	T	5.7	6.3	2.9	6.3
November	29.14	29.66	28.54	35.4	40.4	37.5	43.6	32.2	37.9	60	16	33	34	35	91	80	89	.195	.208	.210	3.75	1.36	1.7	8.4	9.4	7.0	8.9
December	29.12	29.58	28.78	22.0	26.7	24.2	28.3	17.9	23.1	46	−3	19	22	21	89	81	85	.112	.124	.117	1.49	.48	11.5	8.5	8.6	8.2	9.0
Year	29.09	29.74	28.30	42.4	52.0	48.0	54.4	37.4	45.9	92	−3	40	41	41	90	68	78	.293	.305	.310	31.28	1.91	41.7	6.6	7.1	6.0	7.0

LINCOLN, NEBR.

[ϕ=40°49′ N.; λ=96°45′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	28.86	29.46	28.08	20.6	29.8	28.1	36.2	17.8	27.0	58	−9	16	19	20	81	65	73	0.100	0.116	0.123	0.30	0.12	0.7	5.5	5.5	3.5	5.4
February	28.82	29.38	28.19	28.3	38.3	37.4	43.8	25.6	34.7	62	1	24	26	27	83	62	67	.130	.144	.152	.87	.50	5.9	5.9	6.0	4.6	5.7
March	28.63	29.14	27.91	37.7	50.8	49.5	56.2	33.7	45.0	84	7	29	28	29	73	46	49	.172	.158	.167	.96	.38	6.9	5.8	4.2	4.9	5.2
April	28.66	29.08	28.25	42.2	54.1	51.4	59.2	39.9	49.6	81	26	35	37	36	75	55	54	.210	.228	.224	1.33	.67	T	6.9	7.1	6.4	6.9
May	28.71	29.17	28.09	50.5	59.9	59.0	63.5	47.9	55.7	79	32	46	48	49	86	68	72	.323	.346	.357	5.44	.92	.0	8.0	8.3	7.8	8.3
June	28.63	28.90	28.31	62.2	74.5	73.2	78.2	58.9	68.6	90	41	57	58	60	85	59	65	.487	.512	.541	3.81	.91	.0	5.4	7.0	4.3	6.0
July	28.69	28.97	28.40	75.7	93.2	91.4	97.2	72.8	85.0	105	61	68	66	66	76	42	46	.682	.641	.658	3.83	2.15	.0	2.9	3.6	2.3	3.1
August	28.69	28.97	28.29	69.1	85.6	83.2	90.1	67.0	78.6	106	43	61	58	59	76	42	46	.549	.501	.511	1.70	1.32	.0	5.7	4.2	4.3	4.4
September	28.73	29.18	28.56	57.9	76.0	71.8	79.3	56.4	67.8	92	38	51	52	53	79	46	53	.391	.414	.413	2.71	1.05	.0	2.9	3.6	3.4	3.6
October	28.82	29.34	28.36	45.8	59.0	54.4	62.6	41.2	51.9	84	25	40	41	40	81	54	62	.268	.276	.267	2.23	.87	.0	6.1	5.7	4.5	5.5
November	28.82	29.19	28.14	32.3	39.3	38.5	43.8	30.1	37.0	66	20	28	30	31	84	71	75	.157	.174	.180	1.87	1.35	.4	6.9	7.3	5.7	6.8
December	28.84	29.33	28.22	24.9	33.0	31.1	37.1	22.1	29.6	56	0	21	22	24	83	64	73	.117	.128	.135	.30	.07	1.8	5.2	6.4	5.2	5.9
Year	28.74	29.46	27.91	45.6	57.8	56.0	62.3	42.8	52.5	106	−9	40	40	41	80	56	61	.299	.309	.311	25.35	2.15	15.7	5.6	5.7	4.7	5.6

LITTLE ROCK, ARK.

[ϕ=34°45′ N.; λ=92°16′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.80	30.28	29.28	37.7	45.9	47.8	52.0	34.9	43.4	72	10	33	33	34	82	53	61	0.208	0.213	0.220	6.35	3.08	0.8	5.8	6.1	4.8	6.1
February	29.76	30.23	29.37	40.1	48.5	50.0	55.7	37.1	46.4	75	21	33	34	33	76	59	56	.200	.205	.207	2.40	.94	T	6.7	6.2	4.6	5.6
March	29.63	30.08	29.23	53.8	64.4	63.9	69.7	49.6	59.6	85	34	47	47	45	78	57	54	.349	.362	.326	6.09	1.57	.0	7.7	7.0	6.8	6.8
April	29.56	29.88	29.08	54.6	63.5	63.8	68.5	52.0	60.2	82	41	47	46	48	77	55	60	.345	.329	.354	3.47	.86	.0	6.5	6.9	7.4	6.9
May	29.59	29.88	29.32	62.0	71.7	70.3	75.3	58.7	67.0	88	45	57	58	59	85	64	70	.482	.498	.510	10.34	3.94	.0	7.4	7.5	6.7	7.3
June	29.58	29.77	29.24	70.4	80.5	79.7	83.9	67.1	75.5	91	60	65	64	65	83	60	63	.625	.623	.634	5.51	1.35	.0	5.6	6.9	5.1	6.0
July	29.63	29.83	29.45	77.1	88.3	86.0	91.2	73.4	82.3	98	68	71	70	71	82	54	62	.763	.724	.753	2.34	1.13	.0	3.0	6.8	6.0	4.7
August	29.60	29.77	29.45	75.0	88.4	86.6	92.1	72.3	82.2	103	56	67	66	67	78	49	53	.688	.651	.664	2.07	1.68	.0	3.5	4.3	5.0	3.8
September	29.64	29.80	29.48	66.0	80.0	78.6	83.7	63.9	73.8	93	52	59	57	59	79	48	53	.518	.485	.510	3.40	2.07	.0	4.7	5.2	3.6	4.3
October	29.74	30.15	29.42	57.1	69.2	67.9	73.2	55.4	64.3	85	40	52	52	53	82	56	61	.406	.417	.425	3.50	2.14	.0	5.1	6.0	4.5	5.3
November	29.76	30.20	29.32	45.1	54.0	52.8	57.6	42.1	49.8	82	27	40	40	40	84	61	63	.272	.270	.264	2.40	.46	.0	6.6	7.1	6.5	6.6
December	29.81	30.25	29.40	34.4	41.6	41.4	45.4	31.5	38.4	64	17	27	27	27	72	57	58	.155	.158	.157	1.87	1.43	.5	5.7	4.9	3.9	5.1
Year	29.68	30.28	29.08	56.1	66.3	65.7	70.7	53.2	61.9	103	10	50	50	50	80	57	60	.418	.411	.419	49.74	3.94	1.3	5.7	6.2	5.4	5.7

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

LANDER, WYO.

[H=5,370 ft.; H_b=5,372 ft.; h_t=60 ft.; h_r=54 ft.; h_a=68 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	5.1	SW.	33	SW.	1	6	5	2	5	6	23	7	6	2	9	15	7	1	1	4	1	0	0	0	4	0	31	0	0
February	4.6	SW.	34	W.	1	4	3	11	6	3	11	10	7	1	13	8	7	3	2	6	3	0	0	0	4	0	28	0	0
March	7.5	SW.	34	SW.	2	4	3	2	6	3	18	15	9	2	12	14	5	4	2	8	4	0	0	0	1	0	28	0	0
April	6.4	SW.	37	SW.	1	6	9	9	5	3	10	12	6	0	8	9	13	9	9	12	9	0	0	0	2	0	20	0	0
May	5.9	SW.	37	SW.	1	5	4	11	6	1	14	13	7	1	2	10	19	16	15	9	8	3	0	0	0	0	7	5	0
June	6.0	SW.	31	SW.	0	6	6	6	3	5	14	16	3	1	8	16	6	3	2	0	0	0	0	0	0	0	0	2	0
July	5.9	SW.	26	SW.	0	1	6	7	4	6	23	10	3	2	15	13	3	6	2	0	0	0	0	0	0	12	0	6	0
August	5.4	SW.	30	SW.	0	3	8	3	2	2	22	11	7	4	20	7	4	3	2	0	0	0	0	0	0	7	0	3	0
September	5.1	SW.	18	W.	0	1	7	5	3	1	21	12	7	3	14	10	6	4	2	0	0	0	0	0	0	0	2	0	1
October	5.2	SW.	35	SW.	1	3	4	4	6	11	17	14	1	2	12	11	8	4	2	6	4	0	0	0	2	0	18	0	0
November	4.4	SW.	22	NW.	0	3	11	7	3	3	15	9	6	3	12	14	4	5	4	9	5	0	0	0	5	0	30	0	0
December	3.6	SW.	21	NW.	0	1	4	3	4	10	18	13	3	6	16	7	8	3	3	3	3	0	1	2	13	0	31	0	0
Year	5.4	SW.	37	SW.	7	43	70	70	53	54	206	142	65	27	141	134	90	61	46	57	37	3	1	2	31	19	195	16	1

LANSING, MICH.

[H=856 ft.; H_b=878 ft.; h_t=5 ft.; h_r=3 ft.; h_a=90 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.2	W.	35	W.	2	3	6	2	9	9	13	14	6	0	4	6	21	13	4	18	6	0	8	0	18	0	26	0	0
February	9.4	SW.	23	NW.	0	6	8	6	3	5	11	10	7	0	5	3	20	14	10	17	12	1	7	1	18	0	28	1	0
March	10.8	SW.	30	W.	0	4	6	8	12	7	10	6	9	0	6	12	13	15	9	7	5	1	4	0	3	0	22	3	0
April	9.7	E.	32	W.	1	9	12	13	3	6	2	5	10	0	5	11	14	9	7	4	3	0	2	0	0	0	13	1	0
May	8.4	NE.	24	NE.	0	8	16	10	1	4	7	6	10	9	10	7	14	12	8	2	1	0	0	0	0	0	1	2	0
June	8.0	S.	21	SW.	0	1	4	4	10	13	12	13	3	0	5	10	15	14	10	0	0	0	0	0	0	0	0	5	0
July	6.5	SW.	28	SE.	0	7	5	5	4	11	7	12	10	1	11	9	11	7	6	0	0	0	2	0	0	1	0	8	0
August	7.2	W.	25	NW.	0	5	6	6	8	11	8	11	6	1	8	9	14	9	7	0	0	0	2	0	0	1	0	4	0
September	7.9	SW.	26	SW.	0	7	6	5	6	9	10	12	5	0	8	12	10	13	8	0	0	0	3	1	0	0	1	5	0
October	8.8	SW.	29	W.	0	3	1	4	10	15	10	12	7	0	9	6	16	8	5	3	0	0	5	2	0	0	9	1	0
November	9.7	SW.	24	SW.	0	11	8	3	6	13	9	8	2	0	1	3	26	14	11	8	4	0	1	0	4	0	13	1	0
December	8.9	W.	22	NW.	0	2	7	5	7	10	8	8	15	0	2	3	26	18	6	23	16	0	3	0	20	0	28	0	0
Year	8.9	SW.	35	W.	3	66	85	71	79	113	107	117	90	2	74	91	200	146	91	82	47	2	37	4	63	2	141	31	0

LINCOLN, NEBR.

[H=1,180 ft.; H_b=1,189 ft.; h_t=11 ft.; h_r=4 ft.; h_a=81 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.3	S.	30	NW.	0	15	5	4	7	20	3	4	4	0	12	6	13	7	3	6	3	0	8	2	11	0	28	0	0
February	10.2	N.	41	N.	1	13	3	6	6	10	3	5	9	1	9	9	10	6	5	9	4	0	6	2	5	0	23	0	0
March	11.9	N.	32	W.	2	14	2	6	9	15	3	7	6	0	12	12	7	4	4	2	2	0	1	0	2	0	12	1	0
April	11.8	N.	40	NW.	1	13	4	7	13	10	0	5	8	0	7	7	16	8	6	1	0	1	4	1	0	0	7	2	0
May	9.8	N.	26	E.	0	19	11	9	8	7	1	2	4	1	3	4	24	15	13	0	0	0	3	0	0	0	1	7	0
June	9.5	S.	41	N.	3	11	5	3	8	15	6	6	6	0	4	18	8	13	8	0	0	1	3	0	0	1	0	11	0
July	9.4	S.	37	NE.	1	4	5	2	13	31	5	2	0	0	19	12	0	5	3	0	0	0	2	0	0	30	0	5	0
August	9.1	S.	24	NW.	0	8	3	10	19	15	0	2	5	0	12	14	5	10	9	0	0	0	1	0	0	18	0	6	0
September	9.8	S.	27	S.	0	13	2	3	3	30	2	3	3	1	20	4	6	8	6	0	0	0	2	0	0	5	0	3	0
October	9.2	S.	27	NW.	0	12	4	3	13	16	5	4	5	0	9	11	11	11	9	0	0	0	6	0	0	0	6	5	0
November	9.8	S.	29	NW.	0	14	3	6	8	16	1	5	5	2	6	7	17	9	7	4	1	0	10	1	2	0	20	1	0
December	9.9	S.	37	NW.	3	12	1	2	8	19	4	5	11	0	11	4	16	7	4	12	3	0	9	2	11	0	27	0	0
Year	10.1	S.	41	N.	11	148	48	61	115	204	33	50	66	5	124	108	133	103	77	34	13	2	55	8	31	54	124	41	0

LITTLE ROCK, ARK.

[H=324 ft.; H_b=357 ft.; h_t=94 ft.; h_r=87 ft.; h_a=102 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.5	E.	28	NW.	0	8	10	12	5	7	13	2	5	0	8	10	13	6	5	1	1	0	7	4	3	0	13	2	0
February	9.3	N.	29	SW.	0	11	6	8	1	5	12	4	9	0	8	9	11	7	7	4	0	0	6	1	0	0	6	1	0
March	10.6	S.	30	SW.	0	6	5	7	4	24	9	4	3	0	6	7	18	11	10	0	0	0	4	0	0	0	0	9	0
April	8.7	SE.	35	NW.	1	6	8	6	9	11	6	4	9	1	7	5	18	11	9	0	0	0	6	0	0	0	0	6	0
May	8.0	S.	30	SW.	0	4	4	14	10	12	8	4	6	0	3	10	18	13	12	0	0	1	11	1	0	0	0	10	0
June	7.3	S.	29	N.	0	2	3	7	4	19	13	2	10	0	7	11	12	16	12	0	0	0	2	0	0	2	0	13	0
July	6.1	E.	27	NE.	0	7	6	14	3	10	8	9	4	1	10	16	5	13	11	0	0	0	1	0	0	22	0	11	0
August	7.3	E.	21	N.	0	3	6	17	3	12	5	11	5	0	18	7	6	6	4	0	0	0	2	0	0	22	0	5	0
September	6.2	E.	18	S.	0	14	4	11	10	7	4	3	4	3	14	9	7	6	6	0	0	0	0	0	0	8	0	1	0
October	7.0	E.	24	SW.	0	4	6	14	8	13	2	4	10	1	12	9	10	10	8	0	0	0	3	0	0	0	0	6	0
November	7.8	E.	22	SW.	0	8	4	16	2	11	5	6	8	0	7	5	18	12	10	0	0	0	6	2	0	0	3	4	0
December	8.0	NW.	22	NE.	0	8	8	10	5	4	9	6	11	0	11	8	12	6	5	4	1	0	5	2	4	0	22	1	0
Year	7.9	E.	35	NW.	1	81	70	136	65	1.35	94	59	84	6	111	106	148	117	99	9	2	1	53	10	7	54	44	69	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

LOS ANGELES, CALIF.

[ϕ=34°3′ N.; λ=118°15′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.70	30.10	29.26	51.0	62.3	61.0	65.3	48.7	57.0	86	38	38	39	42	65	46	53	0.240	0.244	0.274	2.91	1.39	0.0	4.2	4.4	4.3	4.4
February	29.72	30.11	29.34	54.2	65.4	63.7	68.3	51.8	60.0	85	44	37	36	39	58	41	46	.237	.233	.254	2.23	1.04	.0	3.6	4.2	4.1	4.3
March	29.67	29.97	29.33	48.9	60.6	58.3	63.2	47.4	55.3	83	41	42	39	42	77	49	57	.267	.250	.276	4.31	2.54	.0	4.8	3.6	4.2	4.2
April	29.61	29.80	29.26	54.6	66.5	63.2	68.5	52.9	60.7	83	46	49	47	49	83	53	61	.354	.334	.347	3.19	2.75	.0	6.4	5.4	4.5	5.6
May	29.58	29.71	29.44	55.8	67.2	65.1	69.3	54.6	62.0	86	50	50	50	50	83	56	59	.366	.360	.360	.03	.03	.0	6.0	5.2	2.8	5.0
June	29.53	29.66	29.38	59.6	71.6	69.3	74.7	58.1	66.4	79	51	56	56	57	88	59	66	.452	.455	.463	T	T	.0	9.4	1.8	.5	4.1
July	29.56	29.68	29.43	62.2	78.3	75.2	80.5	61.0	70.8	96	56	57	57	55	83	50	52	.461	.470	.439	T	T	.0	4.5	1.4	1.0	2.3
August	29.51	29.68	29.32	66.3	81.0	77.3	83.4	64.6	74.0	98	57	60	60	59	81	51	56	.516	.517	.508	.11	.10	.0	6.0	2.3	2.5	3.6
September	29.54	29.67	29.37	62.0	75.6	71.8	78.7	61.0	69.8	89	57	58	58	57	86	56	62	.477	.484	.474	T	T	.0	5.2	1.3	1.6	3.1
October	29.62	29.83	29.42	60.1	73.0	68.4	75.6	58.3	67.0	92	48	44	42	47	64	41	53	.326	.307	.347	.05	.05	.0	4.6	2.4	2.0	3.2
November	29.69	29.90	29.48	53.7	67.7	62.2	70.0	51.6	60.8	81	45	37	35	43	59	36	54	.239	.221	.284	1.24	.96	.0	3.4	3.2	3.1	3.5
December	29.68	29.90	29.49	53.0	65.0	62.0	68.3	50.5	59.4	77	46	36	36	41	59	40	52	.233	.232	.274	.42	.24	.0	3.5	4.3	3.3	4.1
Year	29.62	30.11	29.26	56.8	69.5	66.5	72.2	55.0	63.6	98	38	47	46	48	74	48	56	.347	.342	.359	14.49	2.75	.0	5.1	3.3	2.8	4.0

LOUISVILLE, KY.

[ϕ=38°15′ N.; λ=85°45′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.62	30.10	28.95	32.6	36.8	38.0	44.5	28.0	36.2	62	5	26	28	30	77	67	73	0.164	0.177	0.189	3.37	1.39	2.1	5.7	6.7	5.4	6.1
February	29.52	30.00	29.11	34.1	40.6	40.9	46.3	29.9	38.1	65	15	28	31	31	78	71	69	.162	.188	.181	1.36	.45	T	6.9	6.1	4.6	5.9
March	29.46	29.90	28.94	47.9	55.7	56.0	61.2	44.0	52.6	77	29	40	45	44	74	69	66	.266	.324	.309	7.26	3.14	1.5	7.1	7.0	6.1	6.7
April	29.37	29.61	28.99	48.5	57.0	58.0	62.6	45.9	54.2	87	30	41	42	43	75	60	60	.268	.280	.282	2.98	1.12	T	6.5	6.8	6.8	6.7
May	29.45	29.83	29.12	57.4	66.7	65.0	71.1	53.4	62.2	85	40	50	51	51	77	62	64	.378	.397	.389	8.64	2.78	.0	7.3	6.5	6.5	6.8
June	29.39	29.61	28.98	66.6	74.3	73.4	78.0	62.6	70.3	91	52	60	59	60	80	60	66	.529	.508	.534	4.96	2.19	.0	6.2	7.2	6.5	6.6
July	29.44	29.72	29.20	74.4	84.7	82.3	88.8	71.5	80.2	96	63	68	67	68	80	57	64	.678	.661	.696	4.21	1.37	.0	3.8	5.5	5.9	5.0
August	29.43	29.65	29.22	71.8	81.9	80.1	85.6	68.9	77.2	94	52	65	65	66	81	58	62	.644	.636	.651	3.68	1.23	.0	4.8	5.2	4.6	4.9
September	29.48	29.67	29.22	61.8	75.6	73.5	79.4	59.3	69.4	91	46	56	55	56	82	51	56	.461	.436	.464	1.75	.99	.0	2.8	3.8	2.5	3.2
October	29.61	30.01	29.15	52.2	66.0	64.1	69.8	50.2	60.0	86	35	45	46	46	78	53	55	.317	.352	.340	1.96	.83	.0	5.6	4.5	3.0	4.5
November	29.56	30.06	29.14	42.6	48.9	47.8	53.2	40.0	46.6	77	22	37	39	37	81	71	69	.242	.262	.246	2.96	.97	T	6.8	7.7	6.7	7.1
December	29.58	30.05	29.10	26.5	31.0	31.2	35.2	23.0	29.1	54	−1	22	20	22	81	64	68	.128	.121	.127	2.17	.99	9.8	6.8	6.7	7.4	6.9
Year	29.49	30.10	28.94	51.4	59.9	59.2	64.6	48.1	56.3	96	−1	45	46	46	79	62	64	.353	.362	.367	45.30	3.14	13.4	5.9	6.1	5.5	5.9

MACON, GA.

[ϕ=32°50′ N.; λ=83°38′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.77	30.16	29.33	41.4	53.1	51.5	59.0	39.1	49.0	76	21	34	35	34	76	54	55	0.222	0.236	0.226	1.12	0.36	T	5.4	5.2	4.5	5.2
February	29.73	30.22	29.28	40.8	53.5	52.2	59.6	37.8	48.7	75	20	35	35	34	78	54	53	.220	.225	.209	1.91	.64	0.0	4.5	5.4	3.1	4.6
March	29.73	30.12	29.18	54.2	67.8	66.2	73.5	50.5	62.0	88	24	48	48	47	80	52	53	.362	.365	.343	3.14	1.22	.0	5.5	5.9	4.4	5.5
April	29.54	29.80	29.24	59.1	70.0	68.6	74.8	54.9	64.8	88	41	52	50	52	78	53	58	.413	.387	.404	3.17	.85	.0	6.2	5.4	4.9	5.5
May	29.62	29.85	29.33	68.2	79.9	78.0	84.8	62.1	73.4	93	46	60	57	58	77	48	51	.538	.483	.485	1.25	.41	.0	5.8	5.4	4.6	5.0
June	29.59	29.74	29.35	73.6	86.2	82.0	90.2	67.2	78.7	96	56	64	59	61	72	42	52	.601	.518	.550	2.04	.57	.0	4.3	5.6	6.2	5.0
July	29.62	29.88	29.30	76.0	85.6	81.5	89.9	71.6	80.8	98	69	71	69	70	86	59	70	.764	.712	.741	6.77	1.54	.0	6.8	6.8	6.1	6.5
August	29.66	29.73	29.42	75.5	85.4	81.7	89.6	72.0	80.8	98	65	70	69	70	84	59	70	.747	.706	.741	3.94	2.41	.0	4.8	6.1	5.7	5.3
September	29.61	29.87	29.12	68.6	80.1	75.3	83.8	65.3	74.6	91	55	64	63	65	86	58	71	.602	.575	.622	2.41	1.09	.0	4.7	4.4	4.3	4.4
October	29.77	30.08	29.40	57.1	75.2	69.4	79.2	53.5	66.4	87	39	51	50	51	81	43	53	.397	.384	.395	.36	.23	.0	3.9	4.3	2.1	3.7
November	29.71	30.14	29.41	49.6	64.8	59.3	68.6	47.1	57.8	84	25	46	45	46	86	52	64	.353	.352	.354	2.09	1.07	.0	4.6	4.3	3.7	4.5
December	29.74	30.16	29.16	33.4	45.1	43.2	49.5	31.2	40.4	66	19	27	27	28	77	52	57	.157	.160	.167	3.31	1.85	1.5	4.2	5.0	3.3	4.5
Year	29.67	30.22	29.12	58.1	70.6	67.4	75.2	54.4	64.8	98	19	52	51	51	80	52	59	.448	.425	.436	31.51	2.41	1.5	5.1	5.3	4.4	5.0

MADISON, WIS.

[ϕ=43°05′ N.; λ=89°23′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.07	29.60	28.12	13.8	17.9	18.6	25.1	8.5	16.8	40	−22	12	14	16	90	84	88	0.088	0.097	0.101	1.26	0.35	7.0	6.4	6.6	5.5	6.0
February	29.61	29.50	28.41	21.4	25.9	25.7	30.0	18.2	24.1	41	−3	20	21	22	92	81	84	.109	.113	.119	1.52	.92	11.6	7.4	7.5	7.5	8.1
March	28.89	29.44	28.32	32.3	37.5	38.8	44.1	27.9	36.0	65	13	29	30	31	87	74	74	.164	.169	.185	1.58	.52	8.4	6.6	7.0	6.0	7.4
April	28.94	29.25	28.47	37.9	46.7	47.1	51.2	35.6	43.4	86	21	34	35	36	84	64	68	.199	.210	.226	1.82	1.11	.1	7.1	6.8	7.2	7.1
May	29.01	29.43	28.78	47.6	56.4	56.5	60.3	44.7	52.5	76	30	41	41	41	79	60	59	.264	.267	.269	3.09	.89	5.0	6.5	7.0	6.7	7.0
June	28.84	29.11	28.29	59.4	67.5	66.9	71.4	55.3	63.4	84	43	54	55	54	83	66	66	.429	.449	.443	4.94	1.51	.0	6.2	7.6	6.2	7.1
July	28.95	29.16	28.71	71.2	80.6	80.2	84.6	68.0	76.3	94	60	60	67	68	82	64	68	.633	.667	.695	2.49	.84	.0	5.5	5.7	4.5	5.2
August	28.95	29.21	28.67	65.9	75.4	74.1	79.3	63.1	71.2	89	47	62	62	63	86	64	68	.566	.579	.596	4.22	3.21	.0	5.0	5.5	4.3	5.5
September	28.97	29.33	28.55	56.4	67.4	64.9	71.6	53.1	62.4	88	40	52	53	53	85	61	66	.396	.422	.417	1.28	.40	.0	5.0	5.1	4.5	5.3
October	29.66	29.59	28.48	45.1	54.6	52.6	59.3	41.7	50.5	75	29	40	41	41	82	62	66	.258	.275	.275	1.60	.55	T	4.7	6.0	5.1	5.7
November	29.02	29.47	28.31	31.0	35.6	35.6	40.0	27.9	34.0	56	13	28	30	30	89	80	82	.161	.172	.177	2.83	1.52	1.4	7.7	7.6	7.0	8.0
December	29.03	29.49	28.56	18.5	22.1	22.1	26.2	15.2	20.7	41	−9	17	18	19	93	84	88	.103	.108	.110	.82	.28	6.7	7.4	7.5	7.5	8.0
Year	28.98	29.60	28.12	41.7	49.0	48.6	53.6	38.3	45.9	94	−22	38	39	40	86	70	73	.281	.294	.301	27.45	3.21	40.2	6.3	6.7	6.0	6.8

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

LOS ANGELES, CALIF.

[H=261 ft.; H_b=338 ft.; h_t=159 ft.; h_r=151 ft.; h_a=191 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	6.5	NE.	19	SE.	0	12	14	5	5	5	14	1	6	0	13	11	7	7	7	0	0	0	4	4	0	0	0	1	0
February	6.3	NE.	23	NW.	0	4	13	7	3	5	15	0	9	0	14	4	10	7	6	0	0	0	1	1	0	0	0	0	0
March	6.3	NE.	20	NE.	0	3	16	5	5	3	21	5	4	0	16	6	9	9	5	0	0	1	5	0	0	0	0	1	0
April	6.1	SW.	22	SW.	0	6	6	3	6	3	26	6	4	0	9	9	12	5	4	0	0	0	4	0	0	0	0	1	0
May	5.7	SW.	15	SW.	0	0	11	8	7	2	30	4	0	0	12	9	10	2	0	0	0	0	2	2	0	0	0	0	0
June	5.4	SW.	12	SW.	0	1	2	11	11	3	29	1	2	0	12	16	2	0	0	0	0	0	16	1	0	0	0	0	0
July	5.4	S.	15	W.	0	1	7	7	6	6	26	7	7	1	24	5	2	0	0	0	0	0	5	0	0	3	0	0	0
August	5.6	SW.	15	SW.	0	1	2	8	9	11	23	4	3	1	16	9	6	2	1	0	0	0	8	2	0	6	0	3	0
September	5.2	SW.	15	W.	0	4	2	7	7	8	28	2	2	0	13	15	2	0	0	0	0	0	8	2	0	0	0	2	0
October	5.7	SW.	16	NW.	0	4	9	5	6	7	22	7	2	0	16	11	4	1	1	0	0	0	3	1	0	1	0	1	0
November	5.9	NE.	18	NE.	0	9	12	7	1	4	11	13	3	0	17	9	4	3	2	0	0	0	3	1	0	0	0	0	0
December	5.6	NE.	18	SE.	0	9	13	4	5	3	13	10	5	0	15	8	8	4	2	0	0	0	5	1	0	0	0	1	0
																													0
Year	5.8	SW.	23	NW.	0	51	101	77	71	60	258	60	47	2	177	112	76	39	28	0	0	1	64	15	0	10	0	10	0

LOUISVILLE, KY.

[H=459 ft.; H_b=525 ft.; h_t=188 ft.; h_r=183 ft.; h_a=234 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.1	S.	37	W.	2	8	10	8	7	8	4	9	8	0	12	5	14	8	7	4	1	0	4	2	4	0	20	0	0
February	11.7	S.	37	S.	1	8	3	3	4	10	11	9	8	0	11	7	10	6	5	3	0	0	2	2	2	0	20	0	0
March	12.0	S.	37	W.	3	6	7	7	7	17	7	4	7	0	10	3	18	14	12	1	1	0	2	0	0	0	6	2	0
April	9.8	N.	35	W.	1	16	7	9	4	4	3	5	12	0	7	8	15	11	9	1	0	1	6	0	0	0	1	2	0
May	10.1	N.	40	W.	2	13	15	9	2	9	3	4	7	0	6	8	17	18	14	0	0	1	0	0	0	0	0	8	0
June	9.4	SW.	30	SW.	0	5	5	4	6	16	14	5	5	0	6	9	15	12	11	0	0	0	3	1	0	2	0	6	0
July	8.2	N.	37	W.	1	15	5	3	7	11	14	1	7	1	11	12	8	11	9	0	0	1	0	0	0	14	0	11	0
August	8.6	N.	32	NW.	1	10	8	3	12	7	11	8	3	0	14	9	8	8	8	0	0	0	0	0	0	11	0	6	0
September	7.7	N.	23	NW.	0	16	4	4	9	7	12	4	4	0	18	7	5	7	7	0	0	0	2	1	0	1	0	2	0
October	8.4	S.	30	E.	0	10	3	7	12	18	5	2	6	1	12	13	6	11	7	0	0	0	1	1	0	0	0	2	0
November	10.1	N.	28	S.	0	11	5	5	7	12	5	8	4	0	5	10	15	10	8	2	0	0	2	1	0	0	7	3	0
December	10.8	SW.	33	W.	1	5	6	2	9	7	14	13	6	0	6	9	16	10	8	13	7	0	1	1	12	0	23	0	0
Year	9.8	N.	40	W.	12	124	78	64	86	124	103	72	77	2	118	100	147	126	105	24	9	3	17	9	18	28	77	42	0

MACON, GA.

[H=330 ft.; H_b=370 ft.; h_t=79 ft.; h_r=73 ft.; h_a=87 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.7	NE.	21	SW.	0	13	10	3	1	7	3	5	11	3	12	7	12	8	6	1	0	0	6	1	0	0	9	0	0
February	7.7	NW.	24	NW.	0	10	5	7	0	8	3	3	18	2	14	4	10	10	7	0	0	0	7	3	0	0	7	0	0
March	7.7	SW.	24	SW.	0	8	3	5	6	12	12	6	8	2	11	6	14	8	8	0	0	0	4	1	0	0	1	5	0
April	6.8	NW.	21	SW.	0	9	5	4	3	12	6	4	13	4	9	10	11	12	10	0	0	0	4	1	0	0	0	6	0
May	6.4	S.	32	SW.	1	9	6	6	4	18	3	5	10	1	11	11	9	8	6	0	0	0	0	0	0	5	0	2	0
June	6.3	N.	24	S.	0	14	4	3	7	8	6	5	12	1	9	15	6	11	7	0	0	0	0	0	0	15	0	10	0
July	6.0	S.	24	N.	0	5	4	11	7	13	14	3	4	1	3	13	15	13	12	0	0	0	2	0	0	13	0	11	0
August	6.0	S.	24	S.	0	10	9	9	5	17	6	4	2	0	10	13	8	16	9	0	0	0	4	0	0	17	0	6	0
September	6.2	E.	21	NW.	0	12	14	18	0	4	6	3	2	1	14	7	9	10	8	0	0	0	4	1	0	2	0	4	0
October	6.1	N.	24	S.	0	16	11	12	4	5	3	2	6	3	16	12	3	4	2	0	0	0	2	0	0	0	0	6	0
November	6.6	NW.	20	S.	0	11	7	6	3	4	1	2	23	3	13	8	9	6	4	0	0	0	7	4	0	0	4	0	0
December	7.5	NW.	20	NW.	0	1	12	2	0	6	6	7	28	0	15	6	10	8	6	3	1	0	5	2	0	0	19	0	0
Year	6.7	NW.	32	SW.	1	118	96	86	40	114	69	49	137	21	137	112	116	108	85	2	1	0	45	13	0	52	40	44	0

MADISON, WIS.

[H=938 ft.; H_b=974 ft.; h_t=70 ft.; h_r=62 ft.; h_a=78 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.5	NW.	27	NW.	0	5	5	2	4	13	7	7	19	0	7	10	14	11	6	17	7	0	12	4	18	0	30	0	0
February	10.0	N.	36	N.	1	10	7	1	6	4	8	6	14	0	4	3	21	8	6	18	6	0	13	2	15	0	28	0	0
March	10.0	NW.	27	NE.	0	7	4	2	14	10	5	6	11	0	3	10	18	13	10	12	6	1	15	2	6	0	22	1	0
April	10.5	SE.	31	NW.	0	5	16	10	10	4	2	2	11	0	5	7	18	11	7	4	2	0	4	0	1	0	15	1	1
May	8.6	NE.	26	N.	0	7	18	11	7	8	3	3	3	1	5	8	18	11	10	2	2	0	9	1	0	0	2	2	0
June	8.2	SW.	26	SE.	0	3	4	6	6	11	11	10	9	0	4	10	16	16	11	0	6	0	6	0	0	0	0	9	2
July	6.8	SW.	19	NW.	0	5	4	5	8	9	16	3	11	1	9	14	8	11	6	0	0	0	7	0	0	3	0	12	4
August	6.7	SE.	21	S.	0	5	1	1	18	9	4	10	13	1	8	13	10	11	7	0	0	0	15	2	0	0	0	17	0
September	8.2	SW.	22	S.	0	6	7	6	4	7	14	7	9	0	11	10	9	9	7	0	0	1	10	3	0	0	0	3	7
October	8.6	S.	21	NW.	0	3	6	1	9	16	11	10	12	0	9	8	14	9	7	1	0	1	12	2	0	0	3	3	1
November	9.8	NW.	27	N.	0	9	5	1	7	8	16	7	17	2	3	5	22	12	8	10	5	0	9	2	4	0	20	1	0
December	9.0	NW.	30	N.	0	2	3	4	13	4	9	7	19	1	5	3	23	10	7	21	8	0	20	4	24	0	30	0	0
Year	8.8	NW.	36	N.	1	67	74	50	106	103	100	81	143	6	73	101	191	132	92	85	35	3	132	22	68	3	149	43	15

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

MARQUETTE, MICH.

[ϕ=46°34′ N.; λ=87°24′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.29	29.89	28.37	13.9	17.0	16.6	22.4	10.4	16.4	38	−12	11	14	14	89	84	88	0.077	0.083	0.087	2.52	0.57	26.3	9.0	8.3	8.6	8.4
February	29.24	29.81	28.75	18.1	24.6	22.8	28.3	15.0	21.6	54	1	15	19	19	87	78	84	.088	.103	.103	.72	.25	6.9	7.3	7.4	7.0	6.9
March	29.16	29.76	28.40	26.5	32.0	29.9	35.4	22.9	29.2	53	12	23	26	25	85	78	80	.125	.142	.135	1.67	.55	7.4	7.5	7.2	6.2	6.8
April	29.25	29.56	28.53	34.2	38.9	37.2	42.4	30.6	36.5	72	15	28	30	30	78	71	75	.154	.171	.169	1.87	.94	7.3	5.5	6.9	6.8	6.2
May	29.30	29.68	28.96	46.2	50.4	48.3	54.5	39.5	47.0	76	29	35	36	36	67	60	64	.208	.213	.215	1.44	.73	.0	5.8	5.8	4.4	5.0
June	29.06	29.42	28.68	54.9	58.8	57.5	63.9	48.6	56.2	81	37	48	46	46	77	66	68	.334	.310	.317	3.29	1.58	.0	6.3	7.8	6.7	6.9
July	29.16	29.41	28.82	67.9	73.3	71.1	78.8	60.7	69.8	93	51	60	61	62	74	66	74	.515	.540	.558	3.47	1.52	.0	5.9	6.3	4.9	5.7
August	29.17	29.53	28.70	63.6	69.3	66.7	73.0	59.1	66.0	87	44	57	57	58	80	67	74	.484	.487	.498	2.35	.87	.0	6.2	7.3	5.9	6.2
September	29.19	29.61	28.54	51.9	59.0	55.6	62.8	48.4	55.6	85	35	45	46	47	78	63	73	.310	.317	.332	1.98	.54	1.0	8.4	7.3	6.1	7.1
October	29.25	29.80	28.45	43.1	50.6	46.3	53.7	39.2	46.4	72	31	36	38	38	79	67	73	.223	.243	.233	1.97	.42	6.9	6.8	7.5	6.4	7.0
November	29.27	29.85	28.48	29.3	32.2	30.5	35.4	26.1	30.8	45	9	26	27	27	86	80	85	.141	.145	.145	4.08	.84	26.3	8.7	8.6	8.8	8.5
December	29.27	29.70	28.89	21.4	24.2	23.9	27.7	18.7	23.2	40	3	19	21	21	90	87	88	.108	.114	.117	2.91	.64	28.8	9.3	9.8	9.2	9.4
Year	29.22	29.89	28.37	39.2	44.2	42.2	48.2	34.9	41.6	93	−12	34	35	35	81	72	77	.231	.240	.242	2.36	1.58	110.9	7.2	7.5	6.8	7.0

MEDFORD, OREG.

[ϕ=42°23′ N.; λ=122°52′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	28.61	29.02	28.05	33.5	37.8	40.1	42.6	31.0	36.8	62	22	32	33	34	94	84	81	0.180	0.191	0.198	2.12	0.76	1.8	6.7	8.3	8.4	9.3
February	28.73	29.11	28.25	37.0	48.1	51.6	53.9	33.9	43.9	68	23	34	35	36	90	63	56	.201	.207	.210	1.94	.55	.2	6.9	8.0	7.5	8.4
March	28.60	29.03	28.03	35.1	48.7	51.5	54.5	32.2	43.4	71	24	32	32	31	88	52	48	.180	.179	.173	1.26	.33	T	6.2	6.6	6.9	8.9
April	28.55	28.87	28.03	42.0	54.3	61.3	64.1	39.6	51.8	84	31	38	38	36	88	50	43	.238	.228	.215	2.05	.70	.0	6.2	7.4	7.0	6.9
May	28.62	28.96	28.32	43.4	67.0	72.2	74.0	41.7	57.8	87	33	38	37	36	82	35	29	.232	.224	.215	.07	.03	.0	3.0	3.9	4.6	4.2
June	28.59	28.85	28.31	50.7	74.5	80.2	81.9	49.3	65.6	102	41	42	42	41	74	32	27	.274	.268	.263	T	T	.0	5.3	4.3	3.6	4.1
July	28.58	28.78	28.32	55.4	77.8	84.2	86.0	53.8	69.9	102	43	46	46	45	72	34	27	.322	.320	.368	.32	.22	.0	3.5	2.3	2.6	2.9
August	28.54	28.76	28.36	56.2	82.5	88.5	90.9	54.2	72.6	107	43	47	48	45	73	32	24	.335	.347	.311	.31	.30	.0	1.2	.9	1.1	1.1
September	28.54	28.83	28.32	51.4	79.2	87.6	88.8	48.7	68.8	102	41	44	45	42	75	33	23	.285	.311	.278	.26	.26	.0	1.9	2.2	1.8	2.3
October	28.68	29.10	28.23	43.1	59.0	63.6	66.0	39.7	52.8	93	27	41	44	43	93	66	54	.266	.297	.291	2.20	.46	T	3.8	4.3	4.7	4.9
November	28.76	29.14	28.36	33.8	-----	46.3	48.7	30.4	39.6	62	19	32	---	37	96	---	72	.187	-----	.222	.93	.33	T	5.0	----	4.7	7.5
December	28.67	28.98	28.22	32.9	-----	42.7	44.8	30.0	37.4	53	19	32	---	37	98	---	83	.186	-----	.226	3.60	1.03	.0	4.0	----	6.0	7.7
Year	28.62	29.14	28.03	42.9	-----	64.2	66.4	40.4	53.4	107	19	38	---	39	85	---	47	.240	-----	.242	15.06	1.03	2.0	4.5	----	4.9	5.7

MEMPHIS, TENN.

[ϕ=35°9′ N.; λ=90°3′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.75	30.26	29.26	38.6	44.5	46.2	51.1	35.3	43.2	71	11	34	36	37	82	72	72	0.218	0.241	0.248	8.74	4.44	3.2	5.6	5.2	4.3	5.4
February	29.70	30.17	29.31	40.7	47.3	48.2	53.2	37.1	45.2	73	20	34	35	37	78	64	68	.209	.214	.235	2.06	.69	T	6.6	6.2	4.1	5.8
March	29.60	30.00	29.18	53.6	61.6	62.3	68.2	49.9	59.0	81	33	47	50	51	79	68	68	.347	.395	.394	6.30	1.65	.0	7.5	6.5	5.7	6.4
April	29.50	29.79	29.09	55.6	62.5	62.5	67.2	52.5	59.8	85	41	47	47	49	74	60	64	.337	.343	.360	2.82	1.67	.0	6.1	6.1	6.7	6.4
May	29.55	29.83	29.30	63.8	71.6	72.9	76.1	60.3	68.2	88	47	57	59	61	79	66	67	.479	.508	.539	8.09	2.33	.0	6.4	7.0	6.7	6.5
June	29.54	29.75	29.19	71.0	78.6	78.9	83.0	67.5	75.2	91	60	63	63	65	76	60	64	.584	.586	.625	6.16	1.76	.0	5.7	5.4	5.9	5.5
July	29.57	29.79	29.39	77.6	87.6	86.1	91.1	74.2	82.6	97	69	70	69	71	78	54	62	.738	.712	.766	3.46	2.42	.0	3.2	4.7	5.3	4.6
August	29.54	29.72	29.43	75.7	86.4	85.7	89.8	73.8	81.8	99	59	67	68	68	74	55	56	.672	.700	.687	.76	.50	.0	3.0	3.3	4.5	3.5
September	29.60	29.77	29.43	67.0	78.2	77.5	82.8	65.4	74.1	94	50	58	59	60	74	54	56	.491	.518	.526	1.97	.83	.0	3.9	4.3	3.6	4.1
October	29.71	30.08	29.40	58.3	69.4	67.6	73.4	56.8	65.1	87	39	50	51	52	75	54	59	.386	.397	.400	7.30	6.44	.0	4.6	4.9	4.3	4.8
November	29.71	30.15	29.32	46.2	53.4	52.5	57.4	43.3	50.4	81	25	40	40	40	80	63	64	.269	.276	.267	2.63	.84	.0	7.0	6.8	5.7	6.5
December	29.75	30.20	29.34	33.2	40.1	40.4	43.5	30.8	37.2	62	14	27	26	26	77	58	56	.157	.150	.150	.91	.73	3.2	4.9	5.2	4.2	5.0
Year	29.63	30.26	29.09	56.8	65.1	65.1	69.7	53.9	61.8	99	11	50	50	51	77	61	63	.407	.420	.434	51.20	6.44	6.4	5.4	5.5	5.1	5.4

MERIDIAN, MISS.

[ϕ=32°21′ N.; λ=88°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.77	30.19	29.32	41.7	53.4	50.6	59.5	38.2	48.8	80	15	38	36	39	85	54	64	0.256	0.244	0.261	3.14	2.47	4.1	5.4	5.1	3.6	5.1
February	29.73	30.28	29.36	43.0	55.7	53.8	61.0	40.3	50.6	77	20	39	38	39	85	55	59	.258	.257	.257	3.72	1.58	T	5.1	5.2	4.2	4.8
March	29.68	30.07	29.19	55.4	67.1	66.7	73.6	53.0	63.3	86	29	52	49	50	87	55	58	.408	.372	.389	9.84	4.34	.0	8.1	5.9	4.3	6.1
April	29.54	29.84	29.25	58.1	69.8	67.5	74.6	55.2	64.9	87	38	53	51	53	85	53	63	.432	.404	.432	5.86	2.27	.0	5.7	5.5	4.6	5.5
May	29.59	29.79	29.28	68.1	79.9	75.8	83.8	63.0	73.4	93	51	63	61	64	84	53	67	.582	.542	.597	5.75	3.69	.0	4.1	5.3	5.1	5.0
June	29.59	29.76	29.34	73.4	84.3	80.8	88.5	67.0	77.8	95	58	66	62	64	79	48	60	.652	.567	.611	1.60	.43	.0	4.7	4.4	4.8	4.7
July	29.60	29.81	29.38	76.1	88.4	85.2	92.5	71.5	82.0	98	66	71	68	69	84	51	60	.752	.681	.707	3.06	1.41	.0	4.4	4.3	4.5	4.7
August	29.58	29.76	29.43	75.4	89.2	83.5	93.1	72.4	82.8	105	59	70	68	68	85	52	63	.748	.707	.706	3.32	1.45	.0	4.7	4.2	4.8	4.6
September	29.60	29.78	29.37	67.3	82.0	76.9	85.7	64.9	75.3	94	51	63	61	64	86	52	67	.581	.558	.617	3.65	2.11	.0	3.9	4.2	3.6	3.9
October	29.73	30.03	29.40	58.3	76.6	69.4	80.6	55.7	68.2	88	41	52	52	55	81	44	61	.419	.414	.451	1.21	.73	.0	3.4	3.3	1.9	3.7
November	29.73	30.12	29.48	48.3	61.8	55.5	65.9	44.6	55.2	87	26	44	43	44	85	54	68	.318	.319	.324	2.35	1.92	.0	4.8	4.5	3.5	4.7
December	29.77	30.14	29.26	34.2	46.7	44.0	51.8	32.0	41.9	68	18	29	30	30	80	52	60	.167	.176	.181	4.23	2.00	1.5	4.4	5.0	4.0	5.2
Year	29.66	30.28	29.19	58.3	71.2	67.5	75.9	54.8	65.4	105	15	53	52	53	84	52	62	.404	.437	.461	47.73	4.34	5.6	4.9	4.7	4.1	4.8

Table 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

MARQUETTE, MICH.

[H=652 ft.; H_b=734 ft.; h_t=77 ft.; h_r=70 ft.; h_a=111 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	10.6	W.	32	SW.	1	2	0	3	4	13	9	17	14	0	2	6	23	22	13	24	22	0	1	0	25	0	31	0	0
February	10.6	W.	36	NW.	1	6	2	1	2	8	5	20	11	1	6	8	14	11	7	16	11	0	1	0	21	0	28	0	0
March	10.4	W.	33	SE.	1	0	4	5	11	13	4	14	11	0	5	13	13	12	10	15	8	0	2	1	13	0	28	0	0
April	9.1	NW.	33	NW.	1	9	2	6	3	4	1	6	21	8	7	11	12	8	7	9	5	0	1	1	4	0	18	2	0
May	8.0	N.	28	S.	0	11	2	5	7	6	2	6	21	2	11	13	7	8	8	0	0	1	0	1	0	0	2	0	0
June	8.8	NW.	29	S.	0	4	1	3	6	15	5	7	16	3	4	12	14	17	13	0	0	1	3	3	0	0	0	2	0
July	8.1	S.	39	SW.	2	3	1	11	1	15	6	7	13	5	8	14	9	12	11	0	0	0	0	1	0	3	0	12	0
August	9.0	W.	31	SW.	0	4	2	3	6	20	5	19	2	1	5	15	11	13	9	0	0	2	0	1	0	0	0	5	0
September	10.3	W.	32	S.	1	2	3	7	6	12	9	16	5	0	2	13	15	11	9	2	1	0	0	0	0	0	0	4	0
October	11.3	W.	34	SW.	4	4	0	1	8	13	9	21	5	1	5	10	16	16	14	8	8	0	4	2	0	0	3	1	1
November	9.3	NW.	29	SW.	0	4	2	3	5	11	7	16	9	3	2	6	22	16	12	16	14	0	3	1	8	0	28	0	0
December	9.5	W.	28	SW.	0	6	2	0	8	10	11	17	8	0	0	3	28	19	12	22	17	0	2	0	23	0	29	0	0
Year	9.6	W.	39	SW.	11	55	21	48	67	140	73	166	136	24	57	124	184	165	125	112	86	4	17	11	94	3	167	26	1

MEDFORD, OREG.

[H=1,314 ft.; H_b=1,329 ft.; h_t=29 ft.; h_r=26 ft.; h_a=58 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	4.5	NW.	26	SE.	0	7	2	1	4	10	5	11	16	6	1	2	28	15	9	13	10	0	20	12	1	0	18	0	0
February	5.0	N.	32	SE.	1	11	4	1	10	8	1	7	11	3	1	4	23	11	7	3	2	1	6	3	0	0	12	0	0
March	6.1	NW.	36	SE.	1	7	7	0	9	4	8	10	17	0	4	13	14	10	9	9	6	0	1	0	0	0	17	0	0
April	5.9	NW.	27	SE.	0	7	8	1	2	5	7	8	20	2	6	9	15	13	10	0	0	0	0	0	0	0	3	1	0
May	6.5	NW.	21	W.	0	4	3	2	5	3	2	17	23	3	13	12	6	4	0	0	0	0	0	0	0	0	0	0	0
June	7.1	NW.	23	NW.	0	2	0	0	7	6	7	8	28	2	13	15	2	0	0	0	0	0	0	0	0	5	0	0	0
July	6.9	NW.	25	NW.	0	5	0	1	2	8	7	21	18	0	21	5	5	2	2	0	0	0	1	0	0	10	0	6	0
August	6.0	NW.	24	SW.	0	3	1	0	3	8	9	20	17	1	27	3	1	2	1	0	0	1	0	0	0	19	0	1	0
September	5.2	NW.	30	SE.	0	0	2	0	7	13	6	12	19	1	20	6	4	1	1	0	0	0	1	1	0	12	0	0	0
October	4.4	NW.	29	SE.	0	8	3	2	5	9	11	9	12	3	12	8	11	14	8	4	3	0	8	3	0	1	9	0	0
November	----	N.	----	------	----	13	0	4	5	6	10	6	12	4	3	8	19	8	5	2	1	0	11	10	0	0	18	0	0
December	----	SE.	----	------	----	6	5	2	11	7	9	8	10	4	5	1	25	14	12	0	0	0	20	13	1	0	20	0	0
Year	----	NW.	----	------	----	73	35	14	70	87	82	137	203	29	126	86	153	94	64	31	22	2	68	42	2	47	97	8	0

MEMPHIS, TENN.

[H=271 ft.; H_b=399 ft.; h_t=78 ft.; h_r=70 ft.; h_a=86 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.6	N.	26	N.	0	9	15	10	9	3	12	1	3	0	14	4	13	6	6	2	1	0	2	0	3	0	11	2	0
February	8.5	SW.	22	NW.	0	9	7	7	3	6	12	8	4	0	9	5	14	7	7	3	0	0	0	0	1	0	4	1	0
March	9.1	SW.	28	N.	0	9	2	9	3	18	14	1	4	2	7	11	13	10	9	0	0	0	1	0	0	0	0	7	0
April	7.2	NW.	32	N.	1	6	12	7	4	3	10	5	5	8	7	9	14	8	8	0	0	1	1	1	0	0	0	4	0
May	6.7	SW.	30	SW.	0	6	11	8	6	6	14	1	2	8	4	12	15	14	12	0	0	0	1	0	0	0	0	10	0
June	6.7	SW.	32	SW.	1	7	2	5	7	15	12	4	5	3	10	8	12	12	11	0	0	0	1	0	0	2	0	10	0
July	6.0	N.	24	N.	0	15	4	9	5	8	10	6	4	1	9	20	2	8	7	0	0	0	0	0	0	20	0	11	0
August	7.0	SW.	22	N.	0	8	11	12	2	9	15	1	1	3	20	7	4	4	3	0	0	0	0	0	0	21	0	6	0
September	6.0	E.	16	NW.	0	12	11	17	4	5	3	4	3	1	16	6	8	6	4	0	0	0	0	0	0	4	0	1	0
October	6.5	SE.	19	N.	0	6	9	8	16	7	7	3	3	3	12	12	7	9	8	0	0	0	0	0	0	0	0	4	0
November	7.6	N.	22	SW.	0	13	9	8	7	7	6	3	6	1	7	6	17	10	8	0	0	0	3	2	0	0	3	1	0
December	7.8	SW.	25	N.	0	10	8	9	3	5	13	7	6	0	14	7	10	5	3	6	4	0	2	1	5	0	20	0	0
Year	7.3	SW.	32	SW.	2	110	102	109	69	92	128	44	46	30	129	107	129	100	86	11	5	1	11	4	9	47	38	57	0

MERIDIAN, MISS.

[H=343 ft.; H_b=381 ft.; h_t=67 ft.; h_r=60 ft.; h_a=92 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.0	NE.	22	S.	0	10	15	13	3	5	7	3	3	3	12	6	13	6	4	3	1	0	5	0	2	0	12	1	0
February	7.1	NW.	20	NW.	0	8	8	6	3	5	4	9	11	2	13	5	10	10	7	1	0	0	3	0	0	0	5	2	0
March	8.6	SW.	26	S.	0	6	3	5	9	18	16	1	2	2	6	15	10	12	10	0	0	1	1	0	0	0	1	7	0
April	6.1	SW.	24	SW.	0	5	7	7	3	14	9	6	6	3	9	8	13	10	9	0	0	0	6	1	0	0	0	8	0
May	6.0	S.	22	SE.	0	4	9	10	4	12	8	5	4	6	12	11	8	7	5	0	0	0	1	0	0	2	0	10	0
June	5.5	SW.	22	W.	0	6	8	3	2	15	13	5	4	4	11	14	5	11	9	0	0	0	1	0	0	11	0	12	0
July	5.0	E.	21	NE.	0	5	9	8	8	7	8	9	2	6	9	20	2	11	9	0	0	0	3	0	0	25	0	9	0
August	5.2	SW.	22	NW.	0	5	11	5	3	4	21	6	3	4	10	16	5	10	8	0	0	0	4	0	0	20	0	10	0
September	5.0	E.	16	SE.	0	9	14	17	8	0	3	1	3	5	15	8	7	6	6	0	0	0	3	1	0	7	0	4	0
October	5.4	E.	17	SE.	0	3	19	20	4	4	3	2	2	5	15	11	5	4	3	0	0	0	3	1	0	0	0	3	0
November	5.5	N.	19	S.	0	14	10	7	6	4	2	4	5	8	15	6	11	6	3	0	0	0	6	0	0	0	6	1	0
December	6.1	N.	19	S.	0	8	14	9	5	1	6	5	8	6	13	4	14	7	6	3	1	0	5	2	0	0	18	0	0
Year	6.0	NE.	26	S.	0	83	127	110	58	89	100	56	53	54	138	124	103	100	79	7	2	1	41	5	2	65	42	67	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

MIAMI, FLA.

[ϕ=25°48′ N.; λ=80°12′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	30.07	30.25	29.78	61.1	72.5	69.0	74.9	58.7	66.8	80	38	56	56	58	83	58	68	0.465	0.474	0.492	0.32	0.15	0.0	4.1	4.1	4.1	4.4
February	30.09	30.39	29.86	61.8	72.1	68.5	74.3	59.0	66.6	81	38	55	57	57	80	60	69	.477	.494	.495	.31	.15	.0	4.1	4.6	3.6	4.4
March	30.12	30.40	29.83	69.6	76.4	73.7	78.2	67.3	72.8	84	50	62	63	64	79	65	72	.578	.590	.603	.22	.21	.0	4.2	4.4	3.4	4.6
April	29.96	30.14	29.75	72.8	80.1	76.3	83.0	67.5	75.2	91	53	64	65	66	75	61	70	.620	.631	.638	6.23	2.88	.0	3.8	4.1	2.7	4.1
May	29.99	30.16	29.80	79.8	82.4	79.5	84.9	75.5	80.2	91	69	69	68	68	69	63	69	.707	.699	.697	1.06	.56	.0	3.8	4.1	4.9	4.5
June	29.96	30.09	29.85	80.7	83.2	79.3	86.3	74.5	80.4	88	67	72	71	71	76	67	77	.784	.760	.769	6.21	1.96	.0	6.1	7.4	7.5	7.2
July	30.01	30.16	29.81	82.2	84.5	81.9	86.5	76.7	81.6	89	72	73	73	73	75	69	75	.822	.817	.812	4.05	1.35	.0	6.8	6.6	7.2	7.0
August	29.97	30.14	29.83	83.1	87.0	82.0	88.9	77.2	83.0	92	72	74	74	73	74	66	74	.831	.836	.808	6.36	2.23	.0	4.1	4.5	5.6	5.3
September	29.96	30.06	29.32	81.2	84.4	80.2	86.4	75.0	80.7	90	70	74	74	73	78	71	79	.828	.832	.813	8.89	3.00	.0	6.5	6.7	6.3	6.9
October	29.98	30.16	29.72	77.9	81.3	78.4	83.0	73.0	78.0	89	68	70	70	70	77	70	75	.733	.743	.725	9.45	1.83	.0	6.6	7.1	6.4	6.6
November	30.02	30.28	28.70	69.0	76.2	72.7	78.0	66.0	72.0	82	50	62	61	62	78	60	69	.560	.553	.563	4.29	4.20	.0	4.5	4.6	3.2	4.5
December	30.08	30.36	29.64	56.5	68.6	64.0	70.4	53.7	62.0	81	37	50	52	53	78	56	68	.374	.400	.413	.52	.27	.0	4.4	5.2	4.0	5.1
Year	30.02	30.40	28.70	73.0	79.1	75.5	81.2	68.7	74.9	92	37	65	65	66	77	64	72	.648	.652	.652	47.91	4.20	.0	4.9	5.3	4.9	5.4

MILES CITY, MONT.

[ϕ=46°25′ N.; λ=105°49′ W.]

Month	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	Total snowfall	8 a. m.	Noon, local time	8 p. m.	Daylight
January	27.51	28.06	26.98	8.6	16.1	16.4	24.8	2.0	13.4	48	−26	5	9	11	85	71	77	0.064	0.078	0.086	0.41	0.12	5.4	5.0	6.4	5.7	6.7
February	27.57	28.01	27.06	25.6	30.7	38.0	43.5	22.8	33.2	62	3	22	23	24	84	59	59	.116	.126	.135	.05	.04	T	4.2	4.8	4.5	4.8
March	27.34	27.76	26.82	23.7	35.8	37.1	42.1	19.7	30.9	75	−5	19	22	23	82	60	60	.110	.123	.128	1.65	.46	15.7	5.8	6.2	5.4	5.7
April	27.44	28.04	26.86	33.4	47.2	50.1	53.3	31.2	42.2	82	7	26	26	25	74	48	43	.147	.145	.136	.90	.26	1.7	5.7	5.1	5.0	5.2
May	27.49	27.88	26.96	45.2	58.5	59.9	63.0	42.8	52.9	78	31	38	36	34	76	44	43	.229	.215	.208	.96	.38	T	6.4	6.3	5.7	6.0
June	27.37	27.70	26.94	56.7	70.5	73.7	76.3	53.0	64.6	97	40	46	42	41	70	38	33	.325	.280	.264	1.84	.45	.0	5.2	4.9	5.2	4.8
July	27.41	27.80	27.11	67.4	85.9	89.3	92.5	64.5	78.5	108	55	56	52	50	68	33	31	.448	.394	.376	1.83	1.06	.0	1.9	2.1	2.7	2.4
August	27.43	27.79	26.90	59.5	78.4	81.2	84.4	57.5	71.0	107	45	44	41	39	58	32	26	.293	.270	.249	1.87	1.38	.0	3.4	3.4	3.8	3.7
September	27.50	27.94	27.11	48.3	70.0	71.5	75.5	46.7	61.1	93	28	36	36	36	65	31	30	.216	.215	.216	.14	.13	.0	3.2	3.4	4.1	4.1
October	27.51	27.92	26.99	36.0	55.2	53.7	60.6	32.8	46.7	80	1	26	28	28	68	38	41	.147	.156	.162	.64	.40	1.2	4.0	4.1	3.6	4.0
November	27.54	27.96	27.01	24.7	34.3	33.1	40.0	20.4	30.2	56	−1	21	24	25	84	68	72	.116	.136	.141	.48	.23	3.5	5.4	7.0	5.5	6.6
December	27.53	28.17	26.93	20.8	30.1	28.9	36.5	16.0	26.2	49	−10	16	20	21	82	66	71	.095	.111	.115	.77	.53	8.7	5.7	5.3	4.7	5.3
Year	27.47	28.17	26.82	37.5	51.6	52.7	57.7	34.1	45.9	108	−26	30	30	30	75	49	49	.192	.187	.185	11.54	1.38	36.2	4.7	4.9	4.7	4.9

MILWAUKEE, WIS.

[ϕ=43°2′ N.; λ=87°54′ W.]

Month	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	Total snowfall	8 a. m.	Noon, local time	8 p. m.	Daylight
January	29.40	29.96	28.41	18.6	22.0	22.7	28.2	12.7	20.4	44	−15	13	15	17	78	71	76	0.097	0.103	0.109	2.50	0.88	10.2	6.9	6.5	6.1	6.8
February	29.32	29.82	28.70	25.0	28.5	28.3	32.0	21.2	26.6	41	1	19	21	21	77	73	72	.108	.116	.116	2.24	1.33	17.0	7.6	8.1	7.2	8.3
March	29.23	29.82	28.64	35.3	39.2	38.0	44.2	30.9	37.6	68	18	29	29	29	77	67	70	.168	.165	.165	1.98	.58	9.2	6.2	8.0	5.8	7.5
April	29.27	29.56	28.76	39.1	43.4	42.9	47.3	35.7	41.5	69	20	32	32	33	75	65	68	.187	.186	.192	3.05	1.32	.4	7.0	6.8	6.4	7.0
May	29.34	29.74	29.07	48.6	52.1	52.2	56.4	44.3	50.4	76	31	39	38	37	71	62	60	.249	.236	.232	2.29	1.10	3.2	6.2	6.3	6.4	6.6
June	29.16	29.47	28.59	59.0	64.4	64.5	69.1	54.0	61.6	84	45	52	52	52	78	66	65	.399	.400	.393	4.34	2.07	.0	6.5	7.5	7.1	7.0
July	29.26	29.46	29.01	72.4	78.4	78.7	83.1	68.2	75.6	97	61	63	63	65	74	63	63	.591	.592	.619	3.59	2.66	.0	4.5	6.6	4.8	5.5
August	29.26	29.55	28.97	68.1	75.5	72.5	78.5	64.8	71.6	93	49	62	61	62	80	63	71	.569	.571	.577	3.08	2.08	.0	4.6	5.8	4.8	5.3
September	29.28	29.62	28.82	59.0	67.4	64.6	71.2	56.5	63.8	89	40	52	52	53	78	59	68	.390	.406	.417	1.12	.50	.0	4.7	5.0	5.2	5.1
October	29.39	29.91	28.75	46.8	56.1	53.2	59.2	44.5	51.8	78	31	39	40	42	75	57	67	.254	.266	.282	1.37	.45	T	4.9	4.8	4.4	5.0
November	29.35	29.83	28.66	34.9	39.5	39.1	44.0	31.7	37.8	59	14	29	31	32	79	71	74	.168	.183	.187	3.43	1.59	1.0	7.2	8.0	7.6	8.0
December	29.35	29.80	28.94	22.8	26.2	25.8	29.2	19.5	24.4	42	−3	18	19	20	80	72	76	.107	.110	.115	1.42	.55	9.7	7.1	8.1	7.7	7.8
Year	29.30	29.96	28.41	44.1	49.5	48.5	53.5	40.3	46.9	97	−15	37	38	39	77	66	69	.275	.278	.284	30.41	2.66	50.7	6.1	6.8	6.1	6.7

MINNEAPOLIS, MINN.

[ϕ=44°59′ N.; λ=93°18′ W.]

Month	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	Total snowfall	8 a. m.	Noon, local time	8 p. m.	Daylight
January	29.13	29.73	28.37	8.4	13.2	13.5	19.5	2.4	11.0	40	−31	6	7	9	89	76	80	0.068	0.071	0.074	1.44	0.70	14.8	5.9	6.7	6.4	6.4
February	29.09	29.57	28.61	22.1	28.0	28.4	31.8	10.2	25.5	46	−3	18	20	21	81	69	72	.102	.111	.110	.21	.21	.8	8.0	8.1	7.0	7.5
March	28.92	29.44	28.20	20.9	37.0	37.1	42.0	26.1	34.0	69	12	24	26	28	77	63	67	.133	.149	.161	1.63	.90	4.6	6.6	6.9	5.8	6.9
April	29.03	29.34	28.59	38.8	48.5	47.4	51.9	36.2	44.0	76	18	32	32	32	75	53	58	.191	.191	.196	2.32	.69	6.9	6.5	6.6	6.8	6.6
May	29.07	29.44	28.74	49.5	59.3	59.8	63.3	46.5	54.9	75	32	39	37	38	68	47	48	.243	.227	.235	3.81	1.55	3.0	6.7	7.8	7.0	6.8
June	28.89	29.06	28.59	59.7	69.2	68.7	73.1	55.5	64.3	89	41	51	50	50	74	54	54	.385	.384	.385	4.82	2.19	.0	5.3	6.9	5.9	6.5
July	28.97	29.14	28.68	73.6	85.7	84.6	89.6	70.1	79.8	98	60	65	64	65	75	50	53	.621	.618	.628	2.59	.79	.0	5.1	5.6	3.9	4.5
August	28.98	29.23	28.57	66.2	77.7	77.0	81.9	63.3	72.6	95	45	58	56	58	77	48	53	.510	.473	.508	3.02	1.17	.0	4.7	5.2	4.3	5.0
September	29.00	29.46	28.53	55.2	68.8	66.4	72.5	51.8	62.2	89	34	48	47	48	78	49	53	.349	.343	.348	1.98	.77	.0	5.0	5.1	4.9	5.0
October	29.08	29.63	28.57	43.0	53.8	51.6	57.5	39.6	48.6	75	21	35	36	36	75	53	56	.218	.229	.224	3.95	1.04	T	5.9	6.4	5.8	6.2
November	29.08	29.57	28.43	26.0	31.5	30.2	35.8	21.4	28.6	50	5	22	24	23	85	73	74	.122	.134	.129	.69	.30	2.6	7.1	7.6	6.6	7.5
December	29.10	29.55	28.46	16.8	20.3	20.1	23.5	11.6	17.6	40	−12	14	16	16	88	80	82	.090	.096	.097	1.04	.53	8.3	7.8	8.6	7.5	8.2
Year	29.03	29.73	28.20	40.8	49.4	48.7	53.5	37.0	45.3	98	−31	34	35	35	78	60	62	.253	.252	.258	27.50	2.19	41.0	6.2	6.8	6.0	6.4

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

MIAMI, FLA.

[H=11 ft.; H_b=25 ft.; h_t=124 ft.; h_r=117 ft.; h_a=168 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	10.6	NW.	27	W.	0	12	5	11	8	5	2	5	14	0	10	15	6	6	4	0	0	0	6	3	0	0	0	1	0
February	10.8	SE.	25	S.	0	16	1	9	13	6	2	3	6	0	14	7	7	5	4	0	0	0	0	0	0	0	0	0	0
March	10.3	SE.	25	S.	0	6	9	17	14	6	2	3	5	0	13	11	7	2	1	0	0	0	2	2	0	0	0	0	0
April	10.1	SE.	29	S.	0	8	6	3	12	9	11	6	4	1	14	11	5	6	5	0	0	0	0	0	0	3	0	0	0
May	10.0	SE.	23	S.	0	3	12	14	16	7	3	3	4	0	10	17	4	6	4	0	0	0	0	0	0	1	0	3	0
June	7.1	SE.	26	N.	0	5	7	12	13	2	7	8	5	1	2	12	16	18	12	0	0	1	0	0	0	0	0	17	0
July	9.5	SE.	36	SW.	1	3	6	21	19	9	3	1	0	0	3	13	15	18	12	0	0	0	0	0	0	0	0	11	0
August	7.5	SE.	24	S.	0	7	2	15	22	4	3	4	4	1	5	22	4	14	13	0	0	0	0	0	0	0	0	10	0
September	10.3	NE.	41	SE.	3	7	15	9	13	10	1	3	2	0	6	6	18	19	17	0	0	0	1	0	0	1	0	14	0
October	11.5	NE.	33	NE.	1	6	33	11	7	1	1	1	2	0	6	11	14	23	19	0	0	0	0	0	0	0	0	6	0
November	9.7	SE.	75	SE.	1	12	5	9	13	2	5	1	13	0	10	15	5	7	2	0	0	0	1	0	0	0	0	0	0
December	10.8	N.	41	S.	1	22	4	5	5	2	4	4	16	0	11	12	8	3	2	0	0	0	4	0	0	0	0	1	0
Year	9.8	SE.	75	SE.	7	107	105	136	155	63	44	42	75	3	104	152	109	127	95	0	0	1	14	5	0	11	0	69	0

MILES CITY, MONT.

[H=2,351 ft.; H_b=2,371 ft.; h_t=48 ft.; h_r=41 ft.; h_a=55 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	5.6	NE.	26	N.	0	10	11	6	1	9	10	4	5	6	5	12	14	11	4	14	11	0	7	6	14	0	31	0	0
February	5.4	S.	22	NW.	0	4	10	2	3	12	7	4	8	6	9	15	4	2	1	6	0	0	1	0	2	0	26	0	0
March	7.4	S.	37	NW.	2	7	8	2	1	19	2	11	12	0	6	16	9	14	10	15	11	0	0	0	8	0	26	0	0
April	8.4	NW.	26	N.	0	11	3	5	8	10	4	4	14	1	10	12	8	8	6	8	5	0	0	0	2	0	17	1	0
May	8.5	SE.	27	W.	0	5	5	13	13	9	1	8	6	2	8	12	11	16	7	2	0	0	0	0	0	0	1	1	0
June	7.3	NW.	28	NW.	0	4	5	6	5	12	4	6	16	2	8	15	7	12	6	0	0	0	0	0	0	2	0	9	0
July	6.6	NE.	39	NW.	2	8	20	3	8	9	6	5	3	0	23	8	0	6	5	0	0	2	0	0	0	19	0	10	0
August	6.8	NE.	31	NW.	0	8	15	9	8	4	7	2	7	2	16	10	5	4	4	0	0	0	1	0	0	12	0	3	0
September	5.3	S.	23	N.	0	6	12	5	3	10	5	8	9	2	14	11	5	2	1	0	0	0	1	0	0	2	1	0	0
October	6.3	S.	26	NW.	0	7	13	1	3	16	4	8	9	1	15	11	5	5	3	4	3	0	0	0	2	0	11	0	0
November	6.0	S.	26	NW.	0	4	6	3	3	21	7	8	8	0	5	11	14	9	3	11	7	0	1	0	6	0	25	0	0
December	5.4	S.	25	NW.	0	5	8	5	6	23	3	6	6	0	11	9	11	6	3	10	5	0	2	1	11	0	31	0	0
Year	6.6	S.	39	NW.	4	79	116	60	62	154	60	74	103	22	130	142	93	90	55	71	42	2	13	7	45	35	169	24	0

MILWAUKEE, WIS.

[H=619 ft.; H_b=681 ft.; h_t=97 ft.; h_r=89 ft.; h_a=221 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	14.4	NW.	38	SE.	4	7	3	2	6	3	14	11	16	0	8	7	16	9	7	9	6	0	10	6	17	0	27	0	0
February	13.8	N.	35	NE.	4	15	8	1	3	5	3	13	8	0	4	3	21	12	7	14	10	0	8	1	13	0	28	0	0
March	13.4	W.	39	SE.	3	7	7	6	9	7	7	12	7	0	3	6	22	11	10	10	5	0	11	3	4	0	18	3	0
April	13.0	NE.	38	N.	4	12	19	6	5	4	1	3	9	1	4	9	17	12	9	6	2	0	6	0	0	0	7	2	0
May	12.2	N.	32	N.	3	17	16	8	3	7	4	3	4	0	6	8	17	11	8	2	1	0	8	4	0	0	2	0	0
June	11.1	W.	34	W.	1	9	6	3	6	6	7	19	4	0	3	14	13	15	10	0	0	0	8	2	0	0	0	4	0
July	9.9	SW.	40	N.	1	9	3	7	3	5	16	11	8	0	9	13	9	8	6	0	0	0	8	1	0	5	0	9	0
August	10.3	W.	29	NW.	0	12	5	5	8	7	5	10	10	0	11	11	9	9	5	0	0	0	8	1	0	1	0	4	0
September	12.6	W.	37	SW.	3	7	6	9	2	9	11	10	6	0	13	8	9	7	5	0	0	0	2	0	0	0	0	3	1
October	12.8	W.	32	NW.	2	10	3	5	3	12	10	9	10	0	13	7	11	8	6	2	0	0	7	0	0	0	2	1	0
November	13.2	W.	30	NE.	0	7	9	2	3	8	7	12	12	0	6	0	24	12	11	7	4	0	6	1	2	0	13	1	0
December	13.0	NW.	32	N.	1	9	1	5	3	7	6	16	15	0	5	4	22	13	7	18	9	0	8	0	19	0	27	0	0
Year	12.5	W.	40	N.	26	121	86	59	54	80	91	129	109	1	85	90	190	127	91	68	37	0	90	19	55	6	124	27	1

MINNEAPOLIS, MINN.

[H=839 ft.; H_b=918 ft.; h_t=105 ft.; h_r=97 ft.; h_a=208 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.9	NW.	35	NW.	1	11	3	4	9	7	5	12	11	0	8	7	16	5	4	16	5	0	13	2	25	0	31	0	0
February	11.4	N.	36	NW.	2	8	3	4	7	6	5	11	12	0	3	8	17	2	1	16	2	0	10	2	13	0	28	0	3
March	12.	W.	32	SE.	1	7	0	3	13	8	2	19	10	0	6	6	19	6	6	12	3	0	13	3	6	0	23	2	0
April	12.3	SE.	40	NW.	2	8	5	15	14	4	1	1	12	0	6	6	18	10	10	8	3	0	7	0	2	0	10	1	0
May	10.6	E.	30	SE.	0	8	10	9	14	8	3	5	5	0	3	12	16	9	5	3	1	0	5	0	0	0	2	2	0
June	11.8	W.	31	S.	0	5	3	2	10	7	5	14	14	0	3	14	13	15	11	0	0	0	3	0	0	0	0	10	3
July	9.5	S.	35	NW.	3	7	3	2	9	23	2	6	10	0	10	12	9	8	6	0	0	0	1	0	0	15	0	9	2
August	10.1	S.	32	NW.	1	5	4	2	17	13	3	12	6	0	12	13	6	11	7	0	0	0	4	2	0	6	0	9	0
September	10.4	N.	31	NW.	0	10	4	7	12	9	4	5	9	0	10	12	8	5	4	0	0	1	9	0	0	0	0	3	4
October	11.1	S.	32	NW.	1	6	1	0	10	10	16	3	16	0	8	11	12	10	10	3	1	0	15	0	0	0	7	7	2
November	10.6	NW.	27	NW.	0	8	4	2	9	11	2	9	15	0	4	7	19	9	7	11	5	0	18	2	8	0	26	0	0
December	10.6	NW.	25	NW.	0	3	2	5	13	11	4	7	17	0	2	9	20	8	5	23	7	0	20	0	21	0	31	0	0
Year	10.9	SE.	40	NW.	11	86	42	55	137	117	52	104	137	0	75	117	173	98	76	92	27	1	118	11	75	21	158	43	14

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

MOBILE, ALA.

[ϕ=30°42′ N.; λ=88°02′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	30.10	30.43	29.67	46.9	57.2	54.8	61.7	43.7	52.7	74	19	42	44	44	84	64	70	0.305	0.327	0.322	2.01	1.12	T	4.6	5.1	3.8	4.9
February	30.07	30.64	29.68	47.7	57.9	56.3	63.4	46.0	54.7	75	25	42	44	45	83	63	70	.297	.320	.333	3.56	1.40	0.0	3.9	4.1	3.7	4.4
March	30.04	30.47	29.57	60.1	67.9	64.2	71.1	56.6	63.8	86	33	57	57	57	90	69	80	.489	.483	.494	11.23	6.41	.0	6.7	5.6	4.8	5.9
April	29.88	30.22	29.62	62.6	71.6	68.9	75.2	60.0	67.6	83	46	58	56	59	85	62	72	.506	.488	.526	5.59	1.72	.0	5.3	5.3	4.7	5.1
May	29.92	30.12	29.71	72.0	79.7	76.8	82.5	68.2	75.4	90	56	67	66	68	85	64	74	.670	.651	.685	7.50	3.32	.0	4.5	4.8	5.1	4.8
June	29.92	30.06	29.72	75.8	84.6	80.9	87.4	71.5	79.4	93	67	69	66	68	79	55	67	.710	.644	.696	2.99	.87	.0	4.9	5.1	5.9	5.4
July	29.92	30.10	29.67	77.8	86.6	82.2	89.6	74.5	82.0	97	69	73	72	73	86	63	75	.815	.777	.808	6.16	1.79	.0	6.7	6.9	6.4	6.8
August	29.89	30.11	29.71	77.8	85.6	82.1	89.0	75.0	82.0	100	68	73	73	73	84	67	76	.805	.806	.824	3.24	.65	.0	5.7	5.7	7.3	6.4
September	29.90	30.07	29.61	70.9	82.0	78.8	85.4	68.9	77.2	92	57	66	66	68	85	60	71	.650	.642	.701	2.97	1.35	.0	4.0	5.0	4.3	4.6
October	30.04	30.31	29.77	63.2	77.4	73.0	80.4	61.9	71.2	86	46	58	59	61	83	55	68	.498	.522	.553	1.07	.78	.0	2.9	3.8	2.2	3.6
November	30.06	30.45	29.79	53.0	65.1	61.4	68.7	50.4	59.6	86	31	49	50	50	86	60	68	.385	.402	.397	2.10	1.52	.0	4.9	4.1	3.8	4.6
December	30.10	30.45	29.52	40.5	50.4	49.1	55.8	38.0	46.9	72	24	34	37	37	80	61	65	.216	.233	.240	4.98	1.44	T	4.9	5.1	4.5	5.2
Year	29.99	30.64	29.52	62.4	72.2	69.0	75.8	59.6	67.7	100	19	57	58	59	84	62	71	.529	.525	.548	53.40	6.41	T	4.9	5.0	4.7	5.1

MODENA, UTAH

[ϕ=37°48′ N.; λ=113°54′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	24.64	25.03	23.96	23.6	38.0	35.5	41.2	20.4	30.8	55	−15	21	27	27	90	66	70	0.122	0.152	0.151	0.94	0.41	4.1	5.0	5.6	4.7	5.3
February	24.67	25.13	24.16	26.1	43.1	43.7	47.7	23.9	35.8	67	8	22	23	21	82	50	44	.118	.128	.117	.70	.46	.9	3.5	4.9	4.9	4.9
March	24.51	24.87	24.20	27.1	44.4	45.0	49.1	23.5	36.3	67	11	20	21	20	74	44	43	.105	.114	.111	1.21	.51	11.2	4.0	4.1	4.6	4.5
April	24.50	24.81	23.92	35.2	54.6	56.4	61.2	32.4	46.8	74	23	24	24	23	65	31	31	.129	.127	.126	.47	.30	.2	4.6	6.7	6.8	6.2
May	24.51	24.76	24.27	40.7	60.7	61.4	66.0	39.2	52.6	79	29	32	31	29	73	36	33	.183	.173	.163	2.02	.61	T	5.8	6.7	6.7	6.5
June	24.57	24.83	24.40	50.0	81.5	83.5	86.1	48.0	67.0	94	38	26	30	25	40	16	12	.141	.166	.135	T	T	.0	.5	1.3	2.2	1.3
July	24.65	24.84	24.42	53.2	83.5	81.8	87.6	52.1	69.8	94	41	35	39	38	52	22	26	.224	.258	.259	1.51	.69	.0	1.6	2.5	3.9	2.8
August	24.64	24.80	24.47	57.5	82.4	82.4	86.4	55.7	71.0	93	46	45	44	42	67	29	29	.321	.298	.289	1.06	.58	.0	3.2	4.1	4.2	4.0
September	24.66	24.80	24.49	48.8	76.7	74.3	80.6	46.0	63.3	91	34	36	34	34	64	24	28	.221	.204	.211	.63	.28	.0	2.9	3.2	3.8	3.4
October	24.65	24.99	24.12	34.8	62.1	59.7	65.7	30.7	48.2	81	7	22	23	19	58	22	20	.122	.126	.110	.03	.03	T	1.0	1.7	1.0	1.4
November	24.66	25.03	24.24	23.6	44.9	41.6	49.2	20.3	34.8	60	6	15	20	20	70	38	43	.085	.108	.108	.47	.46	.1	2.8	4.8	4.2	4.4
December	24.67	24.91	24.31	21.1	35.7	33.1	40.5	17.1	28.8	51	5	17	22	23	85	57	66	.095	.120	.125	.47	.17	4.1	4.0	4.9	5.2	4.8
Year	24.61	25.13	23.92	36.8	59.0	58.2	63.4	34.1	48.8	94	−15	26	28	27	68	36	37	.156	.164	.159	9.51	.69	20.6	3.2	4.2	4.4	4.1

MONTGOMERY, ALA.

[ϕ=32°23′ N.; λ=86°18′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.92	30.28	29.49	43.5	53.9	52.9	59.5	40.6	50.0	79	18	38	39	38	81	59	58	0.256	0.270	0.255	1.67	0.89	0.6	5.6	5.6	5.3	5.6
February	29.89	30.41	29.50	43.3	54.0	54.5	61.1	41.5	51.3	77	24	38	38	40	81	59	61	.242	.255	.274	5.62	2.41	T	5.5	4.7	4.1	4.7
March	29.86	30.29	29.31	56.5	66.6	66.8	72.9	53.1	63.0	85	30	52	52	52	86	61	62	.415	.407	.412	5.97	2.38	.0	7.5	7.2	5.1	6.7
April	29.70	30.00	29.39	59.6	70.5	68.5	75.2	56.9	66.0	86	41	53	53	53	81	56	60	.435	.429	.423	3.85	1.86	.0	5.6	6.4	5.3	6.1
May	29.76	29.97	29.49	69.4	80.8	77.9	84.8	64.9	74.8	92	55	62	60	62	79	52	59	.578	.537	.565	2.89	1.18	.0	6.5	5.9	6.3	6.1
June	29.75	29.88	29.50	73.5	85.2	81.1	89.6	69.7	79.6	95	63	66	63	64	79	48	58	.656	.581	.604	1.66	.55	.0	5.5	5.7	7.0	6.1
July	29.76	29.97	29.48	76.0	86.5	82.3	91.1	73.1	82.1	97	69	71	70	71	86	60	71	.769	.740	.766	5.63	2.08	.0	6.3	5.7	7.2	6.5
August	29.73	29.93	29.57	75.8	86.0	82.2	90.3	73.7	82.0	100	67	72	72	72	87	64	73	.783	.786	.791	4.83	1.78	.0	5.2	5.7	7.0	6.2
September	29.75	29.98	29.45	69.4	81.6	78.5	85.3	67.5	76.4	93	56	65	63	65	85	56	65	.618	.596	.626	1.91	1.52	.0	3.4	4.8	3.6	4.2
October	29.90	30.20	29.58	60.1	75.8	72.2	79.7	58.5	69.1	85	47	52	53	54	76	46	54	.415	.424	.434	.65	.42	.0	3.5	4.5	2.9	3.8
November	29.88	30.29	29.56	50.8	63.4	59.7	67.5	48.3	57.9	86	27	47	47	46	87	57	63	.357	.360	.350	1.44	.77	.0	5.5	4.7	3.9	4.7
December	29.92	30.31	29.37	35.4	45.3	44.5	49.9	34.0	42.0	67	21	30	30	31	80	57	60	.177	.182	.186	4.87	2.18	1.4	5.2	5.4	4.3	5.3
Year	29.82	30.44	29.31	59.4	70.8	68.4	75.6	56.8	66.2	100	18	54	53	54	82	56	62	.475	.464	.474	40.99	2.41	2.0	5.4	5.5	5.2	5.5

MOORHEAD, MINN.

[ϕ=46°52′ N.; λ=96°44′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.14	29.71	28.46	−1.7	4.0	4.4	10.9	−7.9	1.5	40	−31	−2	1	3	96	88	92	0.042	0.050	0.054	0.66	0.39	7.6	5.9	8.2	6.6	8.0
February	29.08	29.48	28.63	20.6	27.2	26.2	31.8	15.9	23.8	46	−6	18	20	21	88	73	80	.104	.118	.118	.25	.16	3.0	6.4	7.7	5.9	7.2
March	28.87	29.37	28.19	23.9	31.0	30.5	36.7	19.8	28.2	64	0	20	22	23	82	68	72	.113	.125	.130	1.00	.44	4.8	6.5	8.0	6.0	7.0
April	29.01	29.38	28.57	34.0	42.8	43.4	47.1	31.5	39.3	67	15	30	32	34	86	68	70	.175	.192	.203	2.46	.71	10.8	6.8	7.7	7.8	7.3
May	29.03	29.44	28.65	45.9	58.3	58.3	62.0	41.3	51.6	79	30	36	34	37	70	44	49	.217	.200	.223	1.81	.74	5.1	6.3	7.5	7.4	6.9
June	28.83	29.02	28.39	56.2	67.4	67.6	71.9	51.9	61.9	86	33	49	49	51	79	54	59	.367	.369	.396	3.01	1.53	T	7.0	6.9	6.3	6.5
July	28.91	29.16	28.70	69.5	82.4	82.5	86.8	64.4	75.6	96	55	63	63	64	81	54	56	.583	.582	.610	2.13	1.47	.0	5.2	5.5	4.2	4.8
August	28.91	29.20	28.41	61.3	75.0	74.8	79.8	57.3	68.6	102	39	54	54	54	78	50	51	.434	.431	.436	4.59	3.43	.0	4.7	5.3	5.2	4.9
September	28.95	29.45	28.52	48.9	66.4	63.2	70.9	46.4	58.6	85	28	43	43	44	82	44	51	.287	.285	.298	.55	.20	.0	3.2	5.4	5.6	5.3
October	29.01	29.54	28.54	34.7	50.5	47.6	57.3	30.5	43.9	75	12	27	31	30	75	50	54	.155	.186	.182	.95	.38	4.2	5.3	6.3	4.2	5.7
November	29.09	29.69	28.54	15.0	20.6	20.2	26.5	8.7	17.6	39	−9	13	16	17	91	81	88	.082	.092	.099	1.06	.27	9.9	6.6	7.5	6.8	7.3
December	29.09	29.58	28.36	10.2	14.4	13.4	19.5	4.7	12.1	35	−19	9	12	12	94	88	92	.072	.081	.078	.60	.21	8.5	7.4	7.8	7.3	7.7
Year	29.00	29.71	28.19	34.9	45.0	44.3	50.1	30.4	40.2	102	−31	30	31	32	84	64	68	.219	.226	.236	19.07	3.43	53.9	6.1	7.0	6.1	6.6

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

MOBILE, ALA.

[H=10 ft.; H_b=57 ft.; h_t=125 ft.; h_r=119 ft.; h_a=161 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	10.1	N.	32	NW.	1	18	4	4	7	10	3	4	12	0	14	6	11	6	4	1	0	0	7	2	0	0	5	0	0
February	10.0	NW.	31	N.	0	11	5	3	5	11	6	2	13	0	14	6	8	7	5	0	0	0	8	4	0	0	3	1	0
March	10.6	S.	31	NW.	0	6	3	4	13	20	8	4	4	0	9	9	13	10	8	0	0	0	12	3	0	0	0	6	0
April	9.0	S.	37	S.	2	5	1	2	4	21	8	4	15	0	13	8	9	10	10	0	0	2	5	2	0	0	0	8	0
May	9.3	SE.	26	S.	0	6	1	6	13	14	10	3	9	0	11	13	7	9	8	0	0	0	2	0	0	1	0	7	0
June	8.1	S.	31	N.	0	13	5	2	2	17	8	3	10	0	9	11	10	11	7	0	0	0	0	0	0	7	0	12	0
July	7.9	S.	33	E.	1	4	6	7	5	13	7	8	12	0	3	12	16	16	13	0	0	0	0	0	0	14	0	17	0
August	8.0	S.	28	SE.	0	9	8	2	4	9	8	7	15	0	5	13	13	15	11	0	0	0	0	0	0	12	0	18	0
September	8.5	NE.	38	E.	1	15	14	4	4	6	5	0	12	0	14	6	10	5	5	0	0	0	1	0	0	3	0	4	0
October	8.8	N.	23	N.	0	16	6	9	6	17	0	1	7	0	15	12	4	4	4	0	0	0	2	1	0	0	0	2	0
November	9.9	N.	28	SW.	0	16	5	3	8	3	3	4	18	0	12	11	7	5	4	0	0	0	2	0	0	0	1	1	0
December	10.3	N.	29	NW.	0	17	8	3	3	5	3	7	16	0	11	10	10	9	9	1	0	0	2	1	0	0	7	1	0
Year	9.2	N.	38	E.	5	136	66	49	74	146	69	47	143	0	130	117	118	107	88	2	0	2	41	13	0	37	16	77	0

MODENA, UTAH

[H=5,460 ft.; H_b=5,473 ft.; h_t=10 ft.; h_r=3 ft.; h_a=46 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.5	SW.	28	S.	0	4	4	4	1	1	28	18	1	1	11	5	15	9	6	8	5	0	1	0	4	0	29	0	0
February	8.5	SW.	30	SW.	0	3	7	6	3	2	17	11	6	1	12	4	12	8	4	8	5	1	0	0	0	0	25	0	0
March	10.9	SW.	43	S.	5	1	7	4	1	10	22	13	4	0	15	7	9	10	7	11	10	0	0	0	0	0	28	0	0
April	12.0	SW.	49	SW.	5	1	4	4	2	8	17	16	7	1	6	12	12	6	3	6	3	1	0	0	0	0	15	0	0
May	10.5	SW.	34	W.	5	5	8	3	2	4	23	14	3	0	4	12	15	12	7	3	1	2	0	0	0	0	1	5	0
June	10.9	SW.	31	SW.	0	5	1	4	0	11	23	12	4	0	27	3	0	0	0	0	0	0	0	0	0	0	5	0	0
July	11.2	SW.	36	NW.	3	0	4	0	2	9	25	20	2	0	19	8	4	6	4	0	0	0	0	0	0	0	7	0	0
August	9.5	SW.	30	SW.	0	2	0	3	0	9	32	14	2	0	16	10	5	4	3	0	0	0	0	0	0	0	6	0	0
September	8.7	SW.	32	S.	1	4	5	4	3	7	14	23	0	0	18	10	2	5	5	0	0	0	0	0	0	0	2	0	0
October	10.3	SW.	41	S.	2	0	7	3	3	10	17	19	1	2	27	4	0	1	0	1	0	1	0	0	0	0	14	1	0
November	8.8	W.	38	S.	2	7	8	10	2	2	10	20	1	0	14	7	9	3	2	5	1	0	0	0	0	0	29	0	0
December	7.3	W.	27	SW.	0	6	10	7	1	0	14	18	5	1	12	9	10	5	5	9	5	0	2	0	2	0	31	1	0
Year	9.8	SW.	49	SW.	23	38	65	52	20	73	242	198	36	6	181	91	93	69	46	51	30	5	3	0	6	20	172	42	0

MONTGOMERY, ALA.

[H=201 ft.; H_b=218 ft.; h_t=92 ft.; h_r=90 ft.; h_a=105 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.8	N.	21	SE.	0	15	10	10	6	6	4	7	4	0	11	5	15	7	6	2	2	0	5	2	0	0	6	1	0
February	8.1	NW.	22	NW.	0	8	4	8	5	9	4	7	11	0	14	2	12	11	8	2	0	0	5	1	0	0	3	3	0
March	8.3	S.	25	W.	0	6	2	8	12	14	8	7	4	1	6	8	17	11	9	0	0	0	4	0	0	0	1	7	0
April	7.3	SW.	21	SW.	0	7	2	7	5	10	10	11	7	1	9	6	15	9	7	0	0	0	7	1	0	0	0	7	0
May	6.6	SE.	24	SW.	0	8	2	10	15	9	9	6	3	0	9	9	13	8	6	0	0	0	7	0	0	2	0	5	0
June	6.3	N.	25	S.	0	12	5	7	8	7	10	6	5	0	6	14	10	8	6	0	0	0	6	0	0	16	0	7	0
July	6.2	E.	25	NE.	0	7	3	14	9	10	5	10	4	0	6	11	14	16	13	0	0	0	12	2	0	20	0	12	0
August	6.2	S.	24	NE.	0	8	9	7	9	14	4	7	3	1	7	13	11	15	9	0	0	0	10	1	0	15	0	13	0
September	6.4	E.	20	SW.	0	17	12	15	7	5	1	2	1	0	15	8	7	6	4	0	0	0	5	0	0	2	0	3	0
October	6.6	E.	20	S.	0	11	18	14	11	1	2	1	2	2	16	10	5	2	2	0	0	0	3	0	0	0	0	0	6
November	6.9	N.	18	W.	0	13	5	7	10	2	3	6	13	1	12	8	10	5	4	0	0	0	5	3	0	0	2	0	0
December	7.5	N.	21	N.	0	16	6	7	4	0	8	10	11	0	11	8	12	7	5	2	1	0	6	3	0	0	14	0	0
Year	7.0	N.	25	W.	0	128	78	114	101	87	68	80	68	6	122	102	141	105	79	6	3	0	75	13	0	55	26	58	0

MOORHEAD, MINN.

[H=904 ft.; H_b=940 ft.; h_t=50 ft.; h_r=43 ft.; h_a=58 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.6	N.	28	N.	0	20	1	2	2	21	0	4	12	0	3	5	23	11	5	21	11	0	4	1	30	0	31	0	0
February	9.6	S.	27	N.	0	12	5	0	5	17	3	7	7	0	4	8	16	5	1	12	4	0	3	0	12	0	25	0	2
March	11.0	S.	29	N.	0	10	5	3	10	11	3	12	8	0	3	16	12	6	5	20	5	0	2	0	11	0	29	0	0
April	9.6	SE.	27	NW.	0	13	8	11	15	4	0	0	9	0	6	4	20	12	8	8	6	0	3	0	4	0	15	0	0
May	9.5	E.	26	SE.	0	11	7	13	12	8	4	4	3	0	5	11	15	9	6	2	2	0	1	0	0	0	3	1	0
June	9.1	N.	33	N.	1	14	2	6	7	9	3	7	11	1	5	12	13	10	7	1	0	1	0	0	0	0	0	6	0
July	8.0	S.	28	NW.	0	8	4	7	14	12	5	7	5	0	9	13	9	7	6	0	0	0	1	1	0	10	0	7	0
August	9.0	S.	27	W.	0	11	5	3	9	13	1	8	12	0	12	11	8	13	5	0	0	0	0	0	0	6	0	11	0
September	8.6	S.	26	N.	0	13	6	3	8	13	5	4	7	1	7	15	8	5	5	0	0	0	4	2	0	0	2	4	1
October	10.3	S.	27	SE.	0	10	3	2	5	19	7	4	11	1	10	8	13	3	3	3	2	0	3	2	1	0	19	1	0
November	9.1	S.	25	NW.	0	13	3	3	5	15	3	11	7	0	5	5	20	9	7	18	8	0	5	1	18	0	30	0	1
December	8.7	S.	26	N.	0	13	0	3	9	14	5	5	12	1	4	9	18	9	6	24	9	0	8	1	26	0	31	0	0
Year	9.3	S.	33	N.	1	148	49	56	101	156	39	73	104	4	73	117	175	99	64	109	47	1	34	8	102	16	185	30	4

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

NANTUCKET, MASS.

[ϕ=41°17′ N.; λ=70°06′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	30.09	30.81	29.27	27.2	31.2	29.1	37.0	22.3	29.6	55	4	23	25	23	82	76	77	0.139	0.153	0.141	5.19	1.69	7.0	4.5	5.3	4.9	6.4
February	29.98	30.77	29.41	28.9	33.5	31.1	36.4	24.9	30.6	48	15	24	27	27	80	75	82	.133	.150	.150	2.99	.89	7.3	5.3	4.5	4.7	6.2
March	30.02	30.63	29.30	37.4	40.9	37.5	43.4	32.3	37.8	54	24	30	30	31	75	66	77	.173	.171	.177	2.71	1.63	T	3.8	4.6	4.1	5.5
April	29.83	30.25	29.35	43.6	47.4	41.6	49.4	38.1	43.8	60	32	37	37	37	78	69	84	.227	.224	.224	3.83	1.88	1.8	6.6	5.0	5.0	6.1
May	29.95	30.36	29.54	52.4	55.3	49.0	57.6	45.9	51.8	68	41	42	43	43	71	65	81	.278	.283	.283	2.41	.88	.0	4.3	4.6	3.5	4.8
June	29.93	30.16	29.53	62.3	64.9	58.2	67.4	55.3	61.4	75	49	58	57	56	85	77	93	.480	.472	.455	6.09	1.89	.0	4.6	5.6	3.8	5.7
July	29.99	30.37	29.66	69.2	72.7	66.1	74.6	62.3	68.4	80	55	65	65	64	86	78	92	.616	.627	.597	5.73	3.69	.0	5.2	6.0	3.7	6.4
August	30.00	30.30	29.64	70.3	73.7	66.4	76.5	62.8	69.6	86	56	63	63	62	79	71	86	.587	.592	.560	2.15	1.30	.0	3.8	3.3	3.5	4.0
September	30.03	30.34	29.49	62.5	66.6	60.8	68.4	57.5	63.0	77	47	56	54	56	78	66	84	.456	.442	.460	5.21	2.42	.0	5.3	5.1	4.6	5.1
October	30.16	30.53	29.63	55.5	59.6	53.6	61.5	49.9	55.7	71	42	47	45	47	75	62	79	.340	.319	.331	2.76	1.35	.0	2.4	2.3	1.5	2.9
November	30.07	30.43	29.40	49.3	52.1	49.3	54.4	45.5	50.0	68	34	45	46	44	87	80	83	.318	.322	.303	5.40	2.26	.0	7.3	6.9	6.3	7.9
December	29.91	30.60	29.33	30.5	33.8	31.9	36.7	27.5	32.1	51	10	25	26	25	79	73	75	.144	.151	.144	2.97	.90	13.8	6.8	6.6	5.1	7.2
Year	30.00	30.81	29.27	49.1	52.6	47.9	55.3	43.7	49.5	86	4	43	43	43	80	72	83	.324	.326	.319	47.44	3.69	29.9	5.0	5.0	4.2	5.7

NASHVILLE, TENN.

[ϕ=36°10′ N.; λ=86°47′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.62	30.05	29.12	35.9	42.5	42.6	49.4	31.7	40.6	69	7	30	32	34	79	67	71	0.186	0.204	0.214	6.96	3.12	6.7	6.5	6.8	5.3	6.6
February	29.54	30.05	29.20	37.6	45.7	45.9	51.1	34.0	42.6	68	16	33	33	33	82	64	64	.196	.203	.202	3.63	.98	1.5	7.6	6.4	5.7	6.7
March	29.48	29.83	28.92	51.5	60.1	60.8	66.9	47.5	57.2	87	30	45	46	46	78	62	62	.318	.339	.341	6.96	2.37	.1	7.4	7.2	6.2	7.2
April	29.36	29.62	28.99	52.4	61.6	62.1	66.8	49.1	58.0	85	36	47	46	47	83	61	61	.339	.330	.338	4.51	2.40	.0	7.0	6.5	5.4	6.6
May	29.43	29.73	29.09	61.8	72.0	72.6	75.8	57.7	67.2	86	47	56	56	57	84	58	56	.468	.461	.479	3.51	.91	.0	6.2	7.5	6.8	7.0
June	29.40	29.60	29.07	67.9	78.8	76.5	82.1	63.7	72.9	93	52	62	60	61	80	54	61	.555	.528	.554	2.81	1.42	.0	5.5	7.1	6.1	6.6
July	29.45	29.72	29.23	74.5	86.2	83.9	89.5	70.7	80.1	95	65	69	68	68	83	55	61	.710	.684	.693	4.50	2.17	.0	4.0	6.6	6.2	5.7
August	29.42	29.59	29.25	73.5	86.1	82.1	89.2	70.8	80.0	102	56	67	66	67	81	53	62	.678	.662	.682	2.29	2.04	.0	4.7	5.1	5.5	5.1
September	29.47	29.67	29.29	62.8	78.6	76.1	81.7	60.8	71.2	92	44	58	57	59	84	50	58	.489	.476	.516	2.33	1.54	.0	4.8	5.2	4.0	5.0
October	29.60	29.97	29.22	53.7	68.7	66.9	73.0	51.4	62.2	86	35	47	48	47	80	50	52	.348	.363	.354	1.51	.90	.0	4.7	5.7	3.6	5.2
November	29.55	30.02	29.20	44.5	52.4	51.6	57.3	41.2	49.2	85	22	41	42	41	87	71	70	.276	.293	.284	2.77	1.07	T	7.4	7.3	6.2	7.4
December	29.59	30.00	29.19	30.7	36.4	35.7	40.9	27.2	34.0	60	10	25	26	25	79	65	65	.143	.147	.143	.91	.32	5.0	7.7	6.6	6.5	7.2
Year	29.49	30.05	28.92	53.9	64.1	63.1	68.7	50.5	59.6	102	7	48	48	49	82	59	62	.392	.391	.400	42.69	3.12	13.3	6.1	6.5	5.6	6.3

NEW HAVEN, CONN.

[ϕ=41°18′ N.; λ=72°56′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.04	30.70	29.26	22.5	27.6	26.8	33.5	18.4	26.0	52	−5	14	16	16	68	62	65	0.106	0.115	0.116	5.84	1.88	20.9	6.1	6.2	5.6	5.8
February	29.93	30.64	29.36	25.9	32.7	31.2	36.8	21.6	29.2	53	1	19	21	21	73	61	64	.115	.123	.118	3.82	1.75	10.1	6.0	7.0	4.8	6.1
March	29.95	30.61	29.34	36.3	43.5	41.2	48.8	31.9	40.4	70	17	28	27	28	70	55	62	.159	.158	.162	2.93	1.51	3.9	6.3	6.2	5.1	6.0
April	29.77	30.16	29.28	45.6	52.4	48.1	55.1	40.4	48.2	84	32	33	33	34	64	50	60	.198	.195	.200	2.42	1.04	1.9	5.5	7.5	6.7	6.5
May	29.87	30.26	29.46	54.3	61.1	58.1	65.8	48.3	57.0	89	40	41	42	42	62	51	58	.265	.275	.280	1.70	.53	.0	5.6	5.9	6.5	6.0
June	29.84	30.13	29.41	65.1	76.0	67.3	74.8	59.0	66.9	87	53	56	57	58	75	66	74	.462	.474	.490	5.58	1.85	.0	6.4	6.5	7.0	6.8
July	29.89	30.26	29.56	73.6	80.4	74.6	83.2	67.3	75.2	95	57	65	65	67	76	61	77	.627	.628	.664	4.03	2.17	.0	6.7	5.9	5.9	6.3
August	29.91	30.21	29.54	70.0	76.5	72.9	79.5	63.9	71.7	90	51	60	59	62	72	57	70	.539	.515	.569	.72	.35	.0	4.9	5.4	5.6	5.2
September	29.95	30.27	29.45	59.4	67.1	63.3	71.1	54.5	62.8	82	42	52	52	54	77	61	72	.400	.409	.429	3.33	1.99	.0	6.2	6.0	4.5	5.9
October	30.09	30.47	29.53	49.7	60.5	56.1	63.2	44.8	54.0	73	33	40	41	45	72	52	68	.266	.279	.318	.76	.22	.0	4.4	4.1	4.0	4.4
November	30.00	30.31	29.44	44.8	49.9	47.6	52.8	41.0	46.9	68	22	39	40	40	81	71	74	.262	.270	.268	4.70	2.28	4.2	8.4	8.1	6.5	7.9
December	29.89	30.58	29.32	25.5	31.8	29.7	34.3	22.5	28.4	53	5	18	19	18	71	57	60	.109	.115	.111	.96	.36	4.9	6.8	5.9	5.4	6.0
Year	29.93	30.70	29.26	47.7	54.5	51.4	58.3	42.8	50.6	95	−5	39	39	40	72	59	67	.292	.296	.310	36.99	2.28	45.9	6.1	6.2	5.6	6.1

NEW ORLEANS, LA.

[ϕ=29°57′ N; λ=90°04′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.11	30.47	29.73	51.5	61.3	58.5	65.5	48.3	56.9	81	24	46	46	45	83	58	63	0.354	0.344	0.339	2.93	2.83	0.1	5.0	5.1	2.9	4.7
February	30.08	30.65	29.73	51.9	61.9	60.8	66.4	50.0	58.2	80	32	47	45	46	84	57	60	.347	.332	.343	3.64	1.21	.0	5.0	4.5	3.5	4.5
March	30.03	30.45	29.64	62.8	71.5	68.3	75.7	60.5	68.1	84	39	59	58	59	88	64	74	.531	.499	.529	9.62	4.85	.0	7.1	6.9	4.5	6.6
April	29.89	30.22	29.63	65.2	73.8	71.5	77.6	63.0	70.3	85	52	60	58	59	84	60	67	.541	.503	.528	8.35	2.40	.0	5.2	5.7	4.8	6.4
May	29.92	30.11	29.69	73.6	82.1	78.8	85.0	70.6	77.8	91	61	68	66	67	84	60	69	.703	.657	.679	4.57	1.76	.0	4.5	5.7	5.0	5.1
June	29.93	30.05	29.76	78.0	85.8	82.8	89.1	74.7	81.9	93	69	70	68	69	79	56	64	.751	.687	.708	3.45	1.61	.0	4.6	5.4	6.7	5.7
July	29.93	30.10	29.70	79.7	86.8	83.7	90.5	76.8	83.6	98	70	74	71	72	84	62	70	.842	.766	.796	8.43	1.51	.0	4.3	6.7	6.8	6.2
August	29.90	30.12	29.75	79.6	86.7	84.2	91.1	77.2	84.2	97	74	74	72	73	84	63	70	.850	.789	.817	4.80	1.20	.0	4.2	5.5	7.2	6.0
September	29.90	30.07	29.68	74.9	83.3	79.8	86.1	72.8	79.4	93	60	69	67	69	83	60	71	.723	.677	.718	2.43	.58	.0	3.3	4.7	4.6	4.2
October	30.04	30.29	29.80	67.7	79.3	74.4	81.8	66.3	74.0	87	51	62	62	64	84	56	72	.580	.561	.613	.48	.47	.0	3.7	4.7	2.3	3.8
November	30.07	30.43	29.85	57.0	66.2	63.7	69.9	54.7	62.3	87	38	52	51	52	83	59	67	.425	.407	.423	2.15	1.25	.0	4.0	4.8	2.9	4.3
December	30.12	30.46	29.61	45.3	54.7	53.3	58.6	43.5	51.0	74	28	38	38	40	78	56	64	.249	.250	.272	7.06	2.77	.0	5.8	5.6	5.0	5.4
Year	29.99	30.65	29.61	65.6	74.4	71.6	78.1	63.2	70.6	98	24	60	58	60	83	59	68	.575	.539	.564	57.91	4.85	.1	4.7	5.4	4.7	5.2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

NANTUCKET, MASS.

[H=35 ft.; H_b=12 ft.; h_t=14 ft.; h_r=4 ft.; h_a=90 ft.]

Month	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Wind: Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: T or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Dense	Maximum temp.: 32° or below	Maximum temp.: 90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Electricity: Aurora
	Mi.		*Mi.*																										
January	16.1	NW.	55	NE.	5	7	2	1	3	12	2	15	20	0	7	8	16	13	10	18	9	0	9	7	12	0	23	0	0
February	14.8	SW.	34	S.	3	7	3	4	1	7	11	10	13	0	9	6	13	9	9	9	4	0	6	7	6	0	23	0	0
March	15.6	SW.	39	SW.	3	9	3	3	2	11	16	9	9	0	10	9	12	8	7	2	0	0	6	5	1	0	17	1	0
April	15.7	SW.	40	NE.	4	6	13	9	3	3	13	10	3	0	8	9	13	14	12	3	3	0	10	7	0	0	1	0	0
May	13.4	SW.	37	SW.	1	10	2	5	2	12	18	8	5	0	15	5	11	12	10	0	0	0	7	5	0	0	0	0	0
June	12.9	SW.	44	NE.	2	4	7	4	7	14	21	5	2	0	11	7	12	11	10	0	0	0	24	19	0	0	0	2	0
July	13.6	SW.	40	S.	2	3	3	7	6	9	27	6	1	0	7	11	13	7	6	0	0	0	24	17	0	0	0	1	0
August	11.3	S.	30	N.	0	11	4	2	8	14	10	6	7	0	18	7	6	7	6	0	0	0	6	6	0	0	0	4	0
September	12.8	SW.	45	NE.	2	9	6	5	2	9	21	4	4	0	12	7	11	8	7	0	0	0	3	0	0	0	0	0	0
October	14.5	S.	47	N.	5	8	12	4	5	12	7	9	5	0	22	6	3	6	6	0	0	0	4	4	0	0	0	1	0
November	17.5	N.	62	NE.	10	15	12	7	3	12	1	5	5	0	4	5	21	19	13	0	0	0	14	8	0	0	0	1	0
December	14.6	W.	46	NE.	4	7	8	2	2	0	2	22	19	0	5	7	19	14	12	9	6	0	4	1	11	0	19	0	0
Year	14.4	SW.	62	NE.	41	96	75	53	38	115	151	109	93	0	128	87	150	128	108	41	22	0	117	86	30	0	83	10	0

NASHVILLE, TENN.

[H=455 ft.; H_b=546 ft.; h_t=168 ft.; h_r=161 ft.; h_a=188 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.9	NW.	32	S.	1	6	4	7	11	12	3	2	16	1	4	12	15	10	8	4	2	0	1	0	3	0	18	0	0
February	10.6	NW.	30	NW.	0	3	3	2	11	5	8	6	18	0	5	9	14	8	7	5	1	0	4	1	2	0	10	0	0
March	11.8	S.	36	SE.	2	5	3	1	12	13	16	4	8	0	2	12	17	16	16	1	1	2	0	0	0	0	0	5	0
April	9.0	NW.	31	NW.	0	6	6	9	4	9	4	4	17	1	7	10	13	11	8	0	0	1	1	1	0	0	0	6	0
May	8.9	SW.	30	NW.	0	8	8	5	4	8	10	10	9	0	3	14	14	13	11	0	0	1	1	0	0	0	0	7	0
June	8.0	SW.	30	SW.	0	4	4	5	10	6	10	9	9	3	3	18	9	15	11	0	0	0	1	1	0	3	0	13	0
July	7.1	NW.	30	SE.	0	11	3	6	9	5	5	13	9	1	8	13	10	9	7	0	0	0	2	2	0	17	0	12	0
August	7.5	SE.	31	NW.	0	7	10	14	9	5	7	5	5	0	9	14	8	6	5	0	0	0	1	1	0	15	0	5	0
September	6.8	NE.	23	NW.	0	7	13	5	5	2	2	9	9	8	14	4	12	5	5	0	6	0	2	2	0	5	0	1	0
October	8.0	S.	26	N.	0	3	10	8	10	11	4	7	7	2	13	8	10	6	4	0	0	0	1	1	0	0	0	4	0
November	9.4	NW.	40	SE.	1	6	7	3	8	8	4	4	19	1	5	6	19	9	7	1	0	0	1	1	0	0	6	1	0
December	9.8	NW.	39	NW.	0	2	5	7	9	3	8	7	21	0	3	12	16	5	5	11	4	0	0	0	9	0	21	0	0
Year	8.9	NW.	40	SE.	4	68	76	72	102	87	81	80	147	17	76	132	157	113	94	22	8	4	15	10	14	40	56	54	0

NEW HAVEN, CONN.

[H=23 ft.; H_b=106 ft.; h_t=74 ft.; h_r=68 ft.; h_a=153 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.3	N.	34	NW.	2	25	4	1	4	8	6	3	10	1	10	9	12	14	11	12	9	0	18	5	15	0	26	0	0
February	9.0	N.	23	W.	0	11	5	2	3	9	11	5	7	0	6	10	12	12	9	10	9	0	15	0	7	0	23	0	0
March	9.1	S.	34	NW.	1	18	3	2	2	20	8	5	4	0	9	6	16	9	8	8	3	0	15	1	0	0	14	0	0
April	10.8	N.	35	NE.	2	14	13	2	3	4	5	6	13	0	5	13	12	12	9	5	3	0	4	1	0	0	3	1	0
May	8.9	S.	24	W.	0	20	2	1	7	14	5	7	6	0	8	9	14	9	6	0	0	0	9	1	0	0	0	3	0
June	8.1	S.	27	NE.	0	13	8	1	11	16	6	2	3	0	2	14	14	15	12	0	0	0	15	0	0	0	0	7	0
July	8.3	S.	32	N.	1	10	4	4	11	16	13	4	0	0	6	12	13	13	10	0	0	0	13	0	0	5	0	7	0
August	7.9	N.	21	S.	0	22	4	1	2	16	7	7	2	1	9	15	7	5	3	0	0	0	6	0	0	0	0	3	0
September	8.6	N.	24	NE.	0	21	3	1	2	11	9	7	6	0	9	8	13	9	5	0	0	0	12	0	0	0	0	1	0
October	8.9	N.	24	NE.	0	17	4	6	1	9	12	4	8	1	14	10	7	8	6	0	0	0	15	1	0	0	0	0	0
November	10.8	N.	40	NE.	2	29	6	0	4	9	2	5	5	0	3	5	22	13	11	2	2	0	19	3	0	0	3	0	0
December	9.4	NW.	27	NW.	0	17	1	2	0	2	9	11	20	0	10	7	14	9	6	11	4	0	14	1	13	0	24	0	0
Year	9.1	N.	40	NE.	8	220	57	23	50	134	93	66	84	3	91	118	156	125	96	48	30	0	155	13	37	5	93	22	0

NEW ORLEANS, LA.

[H=9 ft.; H_b=53 ft.; h_t=76 ft.; h_r=71 ft.; h_a=84 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.2	NE.	23	NW.	0	7	14	8	9	4	5	5	7	3	13	8	10	4	2	1	1	0	5	4	0	0	3	0	0
February	7.1	NW.	18	NW.	0	8	7	3	11	5	7	5	9	1	14	3	11	8	7	0	0	0	7	4	0	0	1	1	0
March	7.8	SE.	22	SE.	0	2	6	3	22	14	10	3	2	0	5	13	13	10	9	0	0	0	3	3	0	0	0	4	0
April	6.9	SE.	18	NW.	0	3	6	4	18	5	9	6	9	0	6	11	13	11	10	0	0	1	6	5	0	0	0	10	0
May	6.8	SE.	19	SE.	0	4	8	4	23	11	5	3	2	2	10	15	6	6	6	0	0	0	1	0	0	1	0	8	0
June	5.8	SE.	21	NW.	0	3	10	1	19	7	10	2	4	4	6	14	10	12	7	0	0	0	0	0	0	11	0	9	0
July	5.5	SE.	17	E.	0	5	7	5	13	8	12	6	5	1	3	18	10	15	13	0	0	0	0	0	0	14	0	14	0
August	5.6	SW.	27	NE.	0	5	9	2	9	5	13	9	5	5	4	19	8	20	17	0	0	0	0	0	0	20	0	15	0
September	6.9	NE.	20	E.	0	5	18	10	10	4	3	5	3	2	14	12	4	8	7	0	0	0	0	0	0	6	0	6	0
October	7.0	E.	18	E.	0	2	18	15	15	5	4	1	0	2	16	12	3	3	2	0	0	0	5	2	0	0	0	0	0
November	6.7	NE.	18	NE.	0	12	14	4	13	4	4	4	4	1	17	4	9	5	3	0	0	0	4	2	0	0	0	1	0
December	7.6	NE.	23	E.	0	12	19	4	6	0	6	3	8	4	10	11	10	10	10	0	0	0	2	1	0	0	1	1	0
Year	6.7	SE.	27	NE.	0	68	136	63	168	72	88	52	58	25	118	140	107	112	93	1	1	1	33	21	0	52	5	69	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

NEW YORK, N. Y.

[ϕ=40°43′ N.; λ=74°00′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.81	30.43	29.14	26.8	30.2	30.3	36.8	21.7	29.2	58	0	18	18	18	68	61	61	0.127	0.130	0.130	4.08	1.49	20.9	5.5	6.2	5.4	6.0
February	29.70	30.40	29.13	28.4	33.6	33.3	39.3	24.0	31.6	57	5	19	22	21	67	61	59	.117	.127	.121	3.01	1.23	5.2	6.4	6.2	4.6	6.4
March	29.72	30.38	29.09	39.0	45.7	45.2	51.9	34.5	43.2	74	17	29	30	31	68	55	61	.173	.177	.189	2.57	.89	1.0	6.2	5.8	5.4	5.9
April	29.54	29.80	29.06	45.8	52.8	49.5	56.6	42.4	49.5	81	30	36	36	37	70	56	66	.221	.218	.227	1.61	.54	T	5.8	6.5	6.2	6.8
May	29.64	30.03	29.19	54.8	61.9	59.8	67.2	50.4	58.8	86	44	41	41	43	62	49	58	.270	.276	.294	1.33	.61	.0	5.6	6.7	5.1	6.0
June	29.61	29.93	29.18	65.0	73.0	68.8	77.0	60.3	68.6	87	54	57	57	56	77	60	69	.477	.475	.466	3.64	.86	.0	6.3	6.4	6.0	5.2
July	29.66	30.05	29.37	73.0	79.9	75.6	83.3	69.0	76.2	91	63	66	64	66	80	61	72	.646	.620	.642	3.55	1.27	.0	6.1	6.1	5.6	6.1
August	29.69	29.97	29.30	60.3	76.4	72.8	80.6	66.5	73.6	90	55	61	60	62	77	59	70	.557	.542	.572	1.43	.65	.0	5.7	5.1	5.3	5.5
September	29.72	30.04	29.24	60.7	67.7	65.3	71.7	56.8	64.2	81	43	53	53	54	78	63	76	.422	.426	.442	4.48	2.18	.0	5.9	5.8	4.6	5.5
October	29.85	30.23	29.26	52.5	61.0	57.9	64.8	48.8	56.8	76	37	43	43	45	72	53	65	.297	.297	.322	2.52	1.18	.0	4.0	4.4	3.8	4.2
November	29.76	30.02	29.22	46.8	50.4	49.0	54.6	42.5	48.6	72	22	41	42	41	80	73	76	.274	.289	.286	3.20	1.34	1.8	7.4	7.6	7.1	7.7
December	29.66	30.37	29.10	28.1	31.6	31.4	36.4	24.7	30.6	56	8	20	19	20	70	60	61	.119	.118	.119	1.22	.38	7.6	6.4	5.6	6.0	6.3
Year	29.70	30.43	29.06	49.2	55.4	53.2	60.0	45.1	52.6	91	0	40	40	41	72	59	66	.308	.308	.318	32.64	2.18	36.5	5.9	6.0	5.4	6.0

NORFOLK, VA.

[ϕ=36°51′ N.; λ=76°17′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.10	30.64	29.51	37.0	41.9	39.5	47.2	32.6	39.9	74	14	31	31	32	79	67	76	0.194	0.206	0.206	3.10	1.74	0.6	5.9	7.6	4.8	7.5
February	29.99	30.62	29.41	37.7	45.9	42.4	51.7	34.0	42.8	70	20	32	31	32	78	59	68	.186	.190	.193	3.53	1.38	T	5.8	6.2	5.0	6.1
March	30.01	30.60	29.30	49.3	59.3	54.6	64.0	44.6	54.3	85	30	42	42	43	78	56	67	.291	.290	.300	4.17	1.70	.0	7.9	7.6	7.2	7.7
April	29.81	30.14	29.29	51.2	57.4	55.4	62.0	47.4	54.7	87	37	45	43	44	79	63	70	.306	.290	.306	5.22	1.47	T	7.9	6.4	7.3	7.2
May	29.93	30.23	29.46	62.2	69.7	64.3	74.0	55.9	65.0	86	48	52	50	51	71	52	66	.402	.374	.393	2.89	2.15	.0	6.5	6.1	5.9	6.5
June	29.87	30.18	29.58	73.0	81.0	75.5	84.2	67.6	75.9	95	58	64	62	64	74	53	68	.509	.563	.594	1.81	.51	.0	7.0	5.3	5.7	6.2
July	29.93	30.28	29.62	75.8	81.8	77.1	85.2	71.3	78.2	93	65	70	69	69	81	66	78	.727	.713	.722	7.80	3.23	.0	7.3	7.7	7.3	7.3
August	29.92	30.10	29.71	75.5	81.2	76.5	84.0	70.9	77.4	96	63	68	66	68	78	62	76	.697	.652	.707	3.63	1.35	.0	5.7	6.4	6.5	6.6
September	29.96	30.25	29.34	68.4	75.4	70.6	78.1	64.6	71.4	89	50	62	60	64	82	62	80	.575	.544	.606	5.29	2.94	.0	5.9	6.0	5.6	6.6
October	30.11	30.46	29.63	57.8	66.9	61.2	69.8	54.1	62.0	83	42	51	49	52	79	56	73	.391	.371	.400	.78	.37	.0	4.6	5.7	3.3	5.3
November	30.00	30.33	29.56	52.3	57.9	55.1	61.3	49.8	55.6	82	30	48	48	49	85	70	81	.363	.361	.379	3.64	.93	T	7.8	7.5	6.7	7.7
December	29.99	30.61	29.55	33.1	39.5	38.4	43.3	31.2	37.2	65	9	26	26	28	74	60	66	.155	.157	.168	2.23	.90	16.2	6.3	5.6	6.5	6.0
Year	29.97	30.64	29.29	56.1	63.2	59.2	67.1	52.0	59.5	96	9	49	48	50	78	60	72	.407	.393	.414	44.09	3.23	16.8	6.6	6.5	6.0	6.7

NORTHFIELD, VT.

[ϕ=44°10′ N.; λ=72°41′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.15	29.78	28.38	6.9	14.4	12.0	21.7	−2.6	9.6	52	−32	4	9	9	87	78	86	0.071	0.082	0.081	3.94	1.82	29.5	7.1	6.2	6.2	6.6
February	29.02	29.76	28.45	10.7	21.5	18.5	29.5	2.8	16.2	45	−25	9	13	13	92	68	79	.076	.084	.084	1.47	.35	15.2	7.4	7.1	5.4	7.0
March	29.06	29.73	28.42	25.5	34.3	30.6	40.5	18.0	29.2	63	−8	18	20	22	74	54	69	.107	.112	.122	1.09	.41	2.9	5.6	6.2	5.0	6.0
April	28.94	29.36	28.39	38.4	46.0	40.9	49.4	29.3	39.4	81	16	30	28	30	74	52	67	.174	.162	.173	2.83	.96	4.9	6.7	7.5	6.3	7.4
May	29.01	29.40	28.46	48.2	56.5	51.5	60.4	35.6	48.0	81	25	36	35	37	65	47	60	.229	.216	.235	2.36	1.22	T	5.4	7.5	6.2	6.4
June	29.00	29.32	28.62	61.9	69.2	63.0	73.2	50.8	62.0	83	39	54	51	55	76	56	76	.422	.391	.435	4.31	1.00	.0	7.3	7.7	7.2	7.1
July	29.05	29.41	28.70	67.8	77.5	69.9	81.1	56.5	68.8	90	39	61	60	63	79	57	79	.546	.534	.579	3.49	1.19	.0	6.4	6.9	5.7	6.4
August	29.08	29.38	28.60	62.3	73.5	64.1	77.1	52.1	64.6	91	39	56	56	59	81	55	84	.460	.454	.513	2.77	.80	.0	4.7	5.7	3.5	5.5
September	29.09	29.40	28.53	50.3	61.0	53.1	65.1	42.6	53.8	82	29	46	47	48	87	62	84	.322	.337	.342	3.08	1.10	.0	7.1	6.7	4.8	7.2
October	29.21	29.68	28.52	40.7	55.3	45.2	60.1	31.5	45.8	76	19	35	37	37	79	51	75	.209	.235	.233	.92	.48	.0	5.5	5.5	3.4	5.6
November	29.18	29.56	28.55	34.7	41.2	37.2	44.7	29.6	37.2	71	8	32	32	32	90	72	81	.192	.196	.191	3.86	1.62	5.1	8.2	8.3	6.9	8.5
December	29.01	29.72	28.49	13.5	20.1	16.7	24.7	9.6	17.2	39	−14	12	14	13	90	74	87	.084	.090	.088	.83	.41	6.1	8.2	7.1	6.8	7.5
Year	29.07	29.78	28.38	38.4	47.5	41.9	52.3	29.6	41.0	91	−32	33	34	35	81	60	77	.241	.241	.256	30.95	1.82	63.7	6.6	6.9	5.6	6.8

NORTH HEAD, WASH.

[ϕ=46°16′ N.; λ=124°4′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.69	30.12	29.15	42.7	44.3	43.3	47.8	39.2	43.5	64	18	37	38	38	83	80	83	0.233	0.238	0.239	12.50	3.20	6.4	7.3	7.8	8.5	8.3
February	29.88	30.28	29.08	45.7	50.0	49.6	52.5	42.6	47.6	63	36	38	40	41	76	70	75	.230	.247	.261	4.86	1.50	.0	6.2	6.6	6.6	6.4
March	29.76	30.18	29.12	40.6	44.4	43.4	46.2	37.9	42.0	51	32	36	37	37	86	77	79	.219	.225	.222	9.82	2.98	2.8	7.0	7.7	8.4	7.7
April	29.78	30.14	29.27	44.8	51.2	50.0	53.3	43.1	48.2	72	37	38	40	41	80	68	74	.236	.250	.261	1.85	.66	.0	5.8	5.5	5.3	5.3
May	29.91	30.19	29.33	48.3	52.0	51.6	53.4	47.3	50.4	60	45	44	45	46	86	78	81	.292	.303	.307	1.06	.53	.0	8.5	5.7	6.0	6.5
June	29.84	30.18	29.52	54.0	58.0	57.3	60.3	51.8	56.0	77	47	50	52	51	87	81	79	.357	.388	.373	1.53	.39	.0	7.4	6.0	6.2	6.1
July	29.86	30.03	29.69	54.7	59.2	59.1	61.0	53.7	57.4	72	50	52	54	54	90	83	82	.384	.419	.413	.46	.19	.0	7.7	6.3	6.4	6.3
August	29.84	30.09	29.66	54.9	58.9	57.7	61.4	52.6	57.0	84	48	52	54	54	90	84	87	.388	.414	.411	.85	.29	.0	5.8	3.7	3.6	5.4
September	29.79	30.08	29.39	54.3	59.1	58.6	61.3	53.0	57.2	84	48	50	53	53	89	84	85	.369	.404	.403	2.72	2.27	.0	5.1	5.6	4.4	6.5
October	29.88	30.38	29.33	49.0	53.0	52.4	55.8	46.8	51.3	70	27	46	46	47	90	80	83	.320	.329	.334	3.49	.78	.3	5.3	4.7	5.7	6.6
November	29.95	30.30	29.48	43.3	47.2	46.5	49.0	40.7	44.8	61	25	39	40	40	84	78	82	.245	.256	.262	3.33	1.22	.0	6.5	6.9	6.8	7.5
December	29.77	30.16	29.18	46.1	48.6	47.0	51.2	43.4	47.3	63	39	38	40	41	76	76	79	.236	.257	.261	5.97	1.10	.0	6.0	7.0	7.3	7.3
Year	29.83	30.38	29.08	48.2	52.2	51.4	54.4	46.0	50.2	84	18	43	45	45	85	78	81	.292	.311	.312	48.44	3.20	11.5	6.6	6.1	6.3	6.7

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

NEW YORK, N. Y.

[H=10 ft.; H_b=314 ft.; h_t=415 ft.; h_r=398 ft.; h_a=454 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	17.0	NW.	63	NW.	12	12	3	6	4	5	6	6	20	0	10	7	14	11	8	11	7	0	10	9	10	0	24	0	0
February	15.3	NW.	48	NW.	10	12	3	6	2	1	11	7	14	0	4	14	10	9	9	10	6	0	11	0	4	0	22	0	0
March	15.7	NW.	54	NW.	12	11	5	5	1	5	14	7	14	0	10	7	14	9	7	4	2	0	14	3	0	0	14	0	0
April	15.1	NW.	49	NW.	10	12	12	4	4	4	4	6	14	0	6	11	13	12	8	2	1	0	13	2	0	0	1	2	0
May	13.8	N.	49	NW.	8	13	5	4	4	9	12	2	13	0	10	8	13	9	7	0	0	0	11	0	0	0	0	4	0
June	11.8	S.	39	NW.	1	16	5	3	8	10	9	5	4	0	5	14	11	11	9	0	0	0	14	1	0	0	0	6	0
July	12.1	SW.	46	N.	4	8	5	6	8	12	15	5	3	0	4	17	10	13	12	0	0	1	15	0	0	1	0	9	0
August	10.9	N.	40	N.	2	11	3	13	5	11	6	5	8	0	8	13	10	7	5	0	0	0	11	0	0	0	0	5	0
September	12.6	SW.	38	N.	5	12	4	9	1	8	13	7	6	0	9	10	11	7	5	0	0	0	18	3	0	0	0	2	0
October	14.5	NW.	39	NW.	9	7	6	4	7	5	12	8	13	0	14	10	7	8	8	0	0	0	10	4	0	0	0	2	0
November	15.3	N.	46	S.	8	20	9	5	2	10	3	6	5	0	6	3	21	13	9	2	2	0	10	2	0	0	5	0	0
December	16.2	NW.	51	NW.	13	9	7	3	0	2	6	11	24	0	9	8	14	11	8	11	7	0	9	4	11	0	21	0	0
Year	14.2	N.	63	NW.	94	143	67	68	46	82	111	75	138	0	95	122	148	120	95	40	25	1	140	28	25	1	87	30	0

NORFOLK, VA.

[H=11 ft.; H_b=91 ft.; h_t=80 ft.; h_r=73 ft.; h_a=125 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.0	N.	30	NE.	0	18	14	7	2	2	10	5	4	0	4	8	19	8	7	4	2	0	13	7	6	0	13	0	0
February	10.0	N.	29	N.	0	10	11	2	5	5	11	9	3	0	8	8	12	7	5	3	0	0	7	2	1	0	11	0	0
March	11.1	SW.	32	N.	1	7	11	5	6	11	12	7	2	1	3	8	20	10	9	0	0	0	13	2	0	0	2	4	0
April	10.8	NE.	34	N.	1	9	11	8	7	4	6	5	9	1	6	7	17	15	12	1	0	1	12	0	0	0	0	3	0
May	9.4	SW.	31	W.	0	9	8	12	6	6	9	8	4	0	8	5	18	10	7	0	0	1	9	1	0	0	0	6	0
June	8.8	SW.	30	SE.	0	5	5	7	9	13	12	5	4	0	4	15	11	11	9	0	0	0	4	3	0	9	0	13	0
July	8.9	SW.	22	SW.	0	0	7	6	10	8	24	7	0	0	5	7	19	15	13	0	0	0	5	1	0	8	0	11	0
August	8.5	E.	38	NW.	1	8	8	15	11	5	8	6	1	0	5	10	16	11	9	0	0	0	4	0	0	8	0	3	0
September	8.0	E.	34	NW.	1	8	9	18	11	7	3	3	1	0	7	8	15	13	8	0	0	0	15	2	0	0	0	4	0
October	9.2	NE.	26	NW.	0	13	11	3	11	14	5	3	2	0	9	12	10	7	3	0	0	0	6	1	0	0	0	0	0
November	11.5	N.	31	S.	0	15	15	1	5	8	5	2	9	0	5	5	20	16	12	1	0	0	21	4	0	0	1	1	0
December	11.0	W.	37	W.	1	15	5	3	0	4	5	17	13	0	10	7	14	10	7	6	4	0	6	0	7	0	17	0	0
Year	9.8	NE.	38	NW.	5	117	115	87	83	87	110	77	52	2	74	100	191	133	101	15	6	2	115	23	14	25	44	45	0

NORTHFIELD, VT.

[H=842 ft.; H_b=876 ft.; h_t=12 ft.; h_r=3 ft.; h_a=60 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.3	N.	28	SW.	0	13	5	0	2	20	13	2	3	4	7	7	17	17	12	18	12	0	3	2	22	0	28	0	1
February	6.8	N.	21	S.	0	17	2	0	1	19	7	1	1	8	4	10	14	13	8	15	10	0	0	0	17	0	28	0	0
March	8.9	N.	32	SW.	1	18	2	0	3	20	7	0	8	4	6	14	11	13	10	15	4	0	1	0	7	0	30	2	0
April	7.3	N.	27	N.	0	21	10	0	2	11	6	2	4	4	3	11	16	15	13	9	8	0	6	2	0	0	21	0	2
May	8.0	N.	23	SW.	0	22	6	1	1	9	5	2	13	3	5	14	12	13	10	1	0	2	4	1	0	0	14	2	1
June	6.8	S.	22	SW.	0	15	2	0	3	30	5	0	2	3	3	12	15	17	14	0	0	0	4	0	0	0	0	6	0
July	6.5	S.	21	S.	0	12	7	0	3	23	11	2	2	2	4	18	9	16	8	0	0	0	5	3	0	2	0	8	0
August	6.4	S.	21	SW.	0	17	5	0	2	25	10	0	2	1	6	18	7	11	7	0	0	1	9	5	0	1	0	8	1
September	6.5	S.	20	SW.	0	13	2	1	1	19	13	0	3	8	3	13	14	14	11	0	0	0	9	4	0	0	3	3	1
October	8.0	S.	34	S.	1	10	4	0	1	28	14	0	4	1	10	8	13	7	5	0	0	1	2	1	0	0	19	2	1
November	7.7	N.	21	S.	0	18	2	0	1	19	15	0	3	2	1	7	22	12	10	7	2	0	6	2	5	0	20	0	0
December	6.5	N.	24	NE.	0	28	4	0	1	12	6	0	4	7	5	4	22	8	3	19	8	0	5	1	20	0	31	0	0
Year	7.3	S.	34	S.	2	204	51	2	21	235	112	9	49	47	57	136	172	156	111	84	44	4	54	21	71	3	194	31	7

NORTH HEAD, WASH.

[H=196 ft.; H_b=211 ft.; h_t=11 ft.; h_r=3 ft.; h_a=56 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	19.4	S.	68	S.	18	2	4	11	17	15	2	7	3	1	4	1	26	22	22	7	6	0	3	1	1	0	6	0	0
February	13.9	E.	54	SE.	9	7	2	17	10	7	6	3	4	0	5	10	13	16	15	0	0	0	3	1	0	0	0	0	0
March	16.7	S.	60	S.	13	8	1	4	10	12	7	14	6	0	3	8	20	28	25	10	9	1	4	1	0	0	0	0	0
April	11.6	N.	52	S.	4	18	2	10	2	7	7	8	6	0	11	7	12	11	8	0	0	0	2	0	0	0	0	0	0
May	15.4	N.	45	S.	3	42	1	0	1	3	3	4	8	0	3	16	12	8	6	0	0	0	4	1	0	0	0	0	0
June	13.7	N.	40	S.	4	23	4	0	1	11	3	10	8	0	6	13	11	18	9	0	0	0	9	0	0	0	0	0	0
July	11.8	N.	33	N.	1	31	0	0	3	5	3	6	14	0	6	8	17	8	4	0	0	0	7	0	0	0	0	0	0
August	12.5	N.	41	S.	2	39	0	0	4	8	1	1	9	0	11	12	8	8	5	0	0	0	15	9	0	0	0	0	0
September	12.2	N.	61	S.	3	32	6	2	1	13	2	0	4	0	8	6	16	11	3	0	0	0	13	10	0	0	0	0	0
October	11.0	N.	48	NW.	5	23	3	5	8	12	1	3	0	7	5	11	15	18	13	1	1	1	11	9	0	0	3	1	0
November	11.3	E.	59	S.	5	16	3	9	10	12	3	3	4	0	4	5	21	14	12	0	0	0	10	6	0	0	2	0	0
December	16.2	E.	59	S.	11	3	1	23	14	13	3	5	0	0	7	2	22	19	18	0	0	0	2	2	0	0	0	0	0
Year	13.8	N.	68	S.	78	244	27	81	81	118	41	64	66	8	73	99	193	181	140	18	16	2	83	40	1	0	11	1	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

NORTH PLATTE, NEBR.

[ϕ=41°8′ N.; λ=100°45′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	27.11	27.64	26.46	18.8	36.2	32.5	43.1	15.3	29.2	66	−19	15	19	19	84	52	59	0.093	0.111	0.109	0.18	0.10	1.9	4.5	5.6	4.8	5.3
February	27.14	27.67	26.60	25.0	41.8	39.7	47.7	23.1	35.4	67	−1	21	23	22	82	53	53	.113	.125	.119	.31	.24	2.4	5.3	6.0	5.6	6.0
March	26.94	27.30	26.13	31.4	50.0	49.2	55.9	29.7	42.8	80	9	23	21	21	72	37	38	.126	.114	.114	.56	.31	2.3	4.9	5.8	4.9	5.8
April	26.98	27.47	26.54	37.0	51.5	51.1	56.8	35.0	45.9	83	21	30	31	30	78	50	50	.172	.173	.172	4.08	1.88	.6	6.9	6.3	6.0	6.9
May	27.05	27.46	26.54	46.1	56.2	55.6	59.6	44.8	52.2	75	33	42	43	43	87	64	65	.278	.286	.287	6.24	2.33	T	8.3	8.1	8.5	8.3
June	27.00	27.27	26.70	58.1	74.1	74.1	78.5	55.5	67.0	93	39	54	53	54	85	50	52	.422	.423	.435	3.18	1.06	.0	4.5	4.3	4.8	4.6
July	27.05	27.39	26.79	69.8	89.5	89.5	94.0	67.8	80.9	102	56	60	61	61	73	40	40	.539	.541	.546	1.17	.41	.0	2.7	1.9	2.8	2.8
August	27.06	27.30	26.73	63.6	82.6	82.3	87.7	62.2	75.0	103	45	55	57	55	77	46	43	.451	.483	.448	1.89	.60	.0	4.4	4.3	3.4	4.3
September	27.10	27.51	26.84	51.2	74.6	70.8	78.4	50.1	64.2	93	33	46	46	48	82	40	47	.314	.329	.347	.31	.15	.0	3.2	3.8	3.5	3.5
October	27.13	27.65	26.61	38.2	58.3	54.9	64.6	35.2	49.9	86	16	32	34	33	78	43	46	.186	.233	.192	.22	.21	T	4.2	4.0	3.3	4.0
November	27.12	27.51	26.55	26.2	41.4	37.4	46.1	24.2	35.2	69	14	23	25	26	85	56	64	.121	.136	.139	.78	.53	2.6	5.8	5.6	4.9	5.7
December	27.12	27.58	26.57	23.4	36.7	31.8	40.4	20.6	30.5	51	1	19	23	24	83	58	70	.105	.123	.124	.27	.24	.6	5.5	4.8	4.8	5.0
Year	27.07	27.67	26.13	40.7	57.7	55.7	62.7	38.6	50.7	103	−19	35	36	36	80	49	52	.243	.256	.253	19.19	2.33	10.4	5.0	5.0	4.8	5.2

OKLAHOMA CITY, OKLA.

[ϕ=35°25′ N.; λ=97°33′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.84	29.29	28.29	35.5	45.8	44.9	53.2	31.6	42.4	75	−2	31	31	32	83	58	61	0.190	0.190	0.194	0.60	0.45	T	6.0	6.6	5.5	6.2
February	28.84	29.36	28.23	35.8	49.1	47.1	54.8	33.0	43.9	79	14	30	32	30	80	55	54	.174	.184	.171	.86	.47	T	4.9	4.5	5.4	5.0
March	28.64	29.14	28.20	50.0	60.8	60.3	67.4	47.0	57.2	83	21	41	42	41	73	54	52	.278	.292	.277	3.77	1.94	T	5.8	6.5	7.0	7.2
April	28.63	29.07	28.28	50.6	62.3	62.4	67.8	47.8	57.8	86	36	43	44	44	77	54	54	.298	.304	.314	1.81	1.63	0.0	7.5	6.6	6.2	7.3
May	28.63	29.02	28.24	58.6	68.0	66.9	72.0	56.5	64.2	87	40	55	58	58	90	71	75	.456	.495	.505	5.29	1.69	.0	7.6	7.8	7.6	7.8
June	28.64	28.91	28.33	68.0	79.5	78.6	83.7	65.1	74.4	93	51	63	64	64	85	59	62	.593	.598	.606	4.11	1.23	.0	7.0	5.7	5.0	5.8
July	28.72	28.94	28.53	75.8	92.4	88.6	95.1	74.0	84.6	103	68	68	66	66	78	42	49	.698	.640	.637	1.11	.83	.0	2.7	4.2	3.9	4.0
August	28.68	28.92	28.47	74.0	91.7	88.4	95.2	73.3	84.2	105	58	65	63	63	75	42	46	.625	.590	.591	2.82	2.71	.0	4.5	4.4	4.1	4.9
September	28.75	28.98	28.56	62.2	77.2	73.8	80.4	60.7	70.6	90	43	57	57	58	84	53	59	.481	.482	.491	1.91	.80	.0	3.4	4.7	4.4	4.4
October	28.79	29.24	28.33	56.0	67.4	64.6	71.9	53.2	62.6	88	37	52	52	54	86	62	70	.400	.409	.430	2.84	1.07	.0	6.7	6.4	5.5	6.5
November	28.83	29.15	28.21	40.2	49.4	46.7	53.6	36.8	45.2	75	27	37	38	39	87	68	75	.228	.243	.247	2.00	1.04	.0	5.9	6.9	6.0	6.3
December	28.86	29.27	28.33	33.0	43.4	40.7	47.2	31.0	39.1	63	15	28	30	31	82	60	69	.161	.173	.180	1.81	1.00	5.7	4.4	4.7	4.2	5.1
Year	28.74	29.36	28.30	53.3	65.6	63.6	70.2	50.8	60.5	105	−2	48	48	48	82	56	60	.382	.383	.387	28.93	2.71	5.7	5.5	5.8	5.4	5.9

OMAHA, NEBR.

[ϕ=41°18′ N.; λ=95°54′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.96	29.56	28.16	20.0	27.2	26.9	33.8	16.6	25.2	58	−12	14	16	18	78	64	70	0.097	0.105	0.114	0.22	0.14	0.8	5.2	5.0	4.2	5.4
February	28.92	29.45	28.25	28.6	36.3	36.5	41.8	25.9	33.8	56	2	24	26	27	80	65	67	.129	.142	.149	.91	.58	6.6	5.8	6.0	4.8	5.6
March	28.74	29.22	28.02	37.9	48.7	48.6	54.6	34.3	44.4	82	7	28	27	29	68	47	50	.166	.158	.167	1.10	.72	11.5	6.0	4.0	4.1	5.2
April	28.77	29.15	28.39	42.4	53.5	54.8	58.6	40.1	49.4	82	25	34	34	34	74	51	49	.207	.208	.203	.80	.28	1.1	6.3	6.8	6.4	6.8
May	28.82	29.26	28.25	51.0	59.7	60.0	64.4	48.5	56.4	79	38	46	45	46	82	62	64	.313	.310	.322	3.57	.73	.0	8.1	8.1	7.8	8.1
June	28.84	29.12	28.51	62.0	74.0	72.9	77.6	58.7	68.2	92	40	58	57	58	86	58	63	.496	.493	.510	5.25	2.94	.0	6.5	6.4	5.0	5.9
July	28.91	29.17	28.65	75.3	91.3	89.5	95.4	72.0	83.7	103	64	69	70	70	82	50	53	.718	.732	.735	1.11	.60	.0	3.6	2.8	2.5	2.7
August	28.91	29.17	28.53	68.0	83.3	81.9	87.9	65.5	76.7	103	50	64	64	64	86	54	57	.603	.614	.610	2.15	.82	.0	5.2	4.0	3.9	4.0
September	28.95	29.40	28.74	57.1	75.3	71.5	78.7	55.0	66.8	91	36	52	53	55	85	49	59	.409	.429	.456	2.21	1.18	.0	3.3	4.0	3.4	3.5
October	29.05	29.58	28.59	44.5	57.6	53.7	61.4	39.8	50.6	82	26	40	41	41	86	57	64	.267	.278	.280	3.14	1.52	T	5.5	6.2	5.4	5.6
November	29.04	29.44	28.30	31.1	38.2	37.3	42.7	28.4	35.6	67	15	28	31	32	89	76	80	.159	.178	.185	1.71	1.10	1.4	6.7	7.5	6.6	7.2
December	29.07	29.56	28.38	23.3	30.5	29.6	34.6	19.9	27.2	55	−3	20	23	24	85	72	77	.115	.131	.135	.40	.19	1.5	5.9	7.0	6.0	6.3
Year	28.92	29.58	28.02	45.1	56.3	55.3	61.0	42.1	51.5	103	−12	40	41	42	82	59	63	.307	.315	.322	22.57	2.94	22.9	5.7	5.6	5.0	5.5

OSWEGO, N. Y.

[ϕ=43°29′ N.; λ=76°35′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.77	30.41	29.02	18.6	21.1	21.6	28.2	12.0	20.1	51	−8	13	15	15	78	74	73	0.096	0.101	0.099	2.75	1.04	20.0	9.3	8.6	8.2	8.8
February	29.66	30.29	29.09	19.8	24.4	25.0	30.0	15.9	23.0	50	−5	15	18	17	80	74	71	.093	.102	.101	1.47	.35	12.7	8.6	8.6	7.8	8.6
March	29.66	30.35	29.12	32.7	36.7	35.9	42.0	28.0	35.0	70	12	24	25	26	69	62	67	.132	.144	.149	1.19	.41	1.9	7.7	6.9	7.6	7.2
April	29.57	29.91	29.03	40.3	43.6	43.2	49.4	35.9	42.6	84	26	32	32	33	72	66	69	.184	.182	.196	2.16	.93	.9	7.1	6.6	6.1	6.9
May	29.64	29.98	29.27	48.4	51.0	50.9	56.6	42.7	49.6	76	34	39	38	38	70	63	64	.243	.243	.239	2.22	.68	.0	4.6	4.8	5.7	5.2
June	29.56	29.85	29.12	62.0	66.3	63.5	72.5	54.7	63.6	85	46	54	54	52	75	66	69	.419	.417	.403	2.95	.95	.0	6.3	6.2	6.7	6.3
July	29.60	29.94	29.31	72.4	76.4	73.4	81.0	65.7	73.4	89	57	64	63	64	74	65	73	.602	.594	.603	4.04	1.14	.0	6.2	5.4	5.8	5.6
August	29.64	29.95	29.20	68.2	73.3	70.6	77.4	62.0	69.7	90	50	58	59	60	72	62	69	.501	.509	.521	1.47	.64	.0	5.4	5.3	5.2	5.5
September	29.66	29.97	29.15	57.2	62.6	60.2	66.9	51.8	59.4	86	41	49	50	50	75	64	71	.355	.365	.370	2.27	.89	.0	6.2	5.7	5.4	6.1
October	29.79	30.22	28.99	48.5	55.4	51.8	59.7	43.0	51.4	79	32	40	40	40	74	59	66	.261	.263	.259	3.45	1.33	T	6.5	6.0	5.0	6.2
November	29.75	30.22	29.17	39.8	43.9	42.3	47.5	36.6	42.0	70	23	34	34	34	80	70	72	.208	.211	.203	1.57	.42	.6	8.6	8.4	8.0	8.6
December	29.66	30.36	29.19	22.1	24.6	24.6	28.2	18.5	23.4	43	0	19	19	19	85	78	79	.112	.114	.112	3.61	1.09	20.8	9.1	9.5	8.9	9.1
Year	29.66	30.41	28.99	44.2	48.3	46.9	53.3	38.9	46.1	90	−8	37	37	37	75	67	70	.267	.270	.271	29.15	1.33	56.9	7.1	6.8	6.7	7.0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

NORTH PLATTE, NEBR.

[H=2,805 ft.; H_b=2,821 ft.; h_t=11 ft.; h_r=3 ft.; h_a=51 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	7.3	W.	24	NW.	0	8	7	3	10	11	6	14	3	0	9	12	10	3	3	6	2	0	8	4	6	0	31	0	0
February	8.2	W.	27	NE.	0	10	3	1	9	6	2	12	11	2	9	8	11	4	2	6	3	0	6	1	5	0	25	0	0
March	9.0	W.	35	N.	1	8	5	5	7	8	10	9	10	0	6	13	12	7	3	8	5	0	2	1	1	0	17	1	0
April	10.3	N.	32	SE.	1	14	7	7	13	6	2	4	6	1	3	15	12	12	8	8	5	0	4	0	0	0	12	4	0
May	9.3	SE.	27	SE.	0	12	12	10	12	7	1	5	3	0	2	6	23	17	12	1	0	3	5	1	0	0	0	6	0
June	7.9	SE.	24	N.	0	10	8	5	13	9	1	6	7	1	10	15	5	9	8	0	0	0	1	0	0	3	0	6	0
July	7.0	S.	24	NE.	0	4	2	11	19	14	2	0	4	6	21	9	1	7	0	0	0	0	3	0	0	27	0	10	0
August	7.3	SE.	26	NW.	0	6	5	5	21	10	6	3	3	3	12	14	5	11	9	0	0	0	8	0	0	17	0	7	0
September	6.9	S.	23	S.	0	6	11	6	8	9	5	9	6	0	15	9	6	4	3	0	0	0	3	1	0	5	0	2	0
October	7.2	S.	24	S.	0	9	4	5	17	9	2	14	1	1	15	9	7	2	1	5	0	0	10	3	0	0	10	0	0
November	7.2	W.	26	N.	0	12	5	1	9	7	6	10	8	2	11	5	14	7	4	8	6	0	11	3	7	0	28	0	0
December	7.4	W.	25	N.	0	6	0	4	5	11	2	19	15	0	11	11	9	5	2	14	4	0	5	2	5	0	31	0	0
Year	7.9	SE.	35	N.	2	105	69	63	143	107	45	105	77	16	124	126	115	88	61	56	25	3	66	16	24	52	154	36	0

OKLAHOMA CITY, OKLA.

[H=1,254 ft.; H_b=1,214 ft.; h_t=10 ft.; h_r=3 ft.; h_a=47 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.7	S.	31	N.	0	17	2	4	5	27	2	2	3	0	8	11	12	3	2	2	0	0	10	3	3	0	16	0	0
February	10.6	N.	30	NW.	0	23	2	2	3	11	7	3	5	0	12	5	11	5	4	2	0	0	10	0	1	0	11	1	0
March	12.1	S.	38	SW.	1	10	3	4	7	28	5	2	3	0	6	6	19	7	7	1	0	3	3	1	0	0	4	6	0
April	11.8	N.	27	N.	0	20	3	2	14	12	1	1	7	0	6	6	18	5	4	0	0	0	7	0	0	0	0	5	0
May	10.6	S.	32	S.	1	17	3	4	13	16	4	1	4	0	1	11	19	20	15	0	0	0	8	0	0	0	0	17	0
June	9.8	S.	23	S.	0	8	5	2	10	30	2	1	2	0	9	8	13	14	11	6	0	1	1	0	0	6	0	12	0
July	8.1	S.	16	S.	0	2	1	4	8	43	2	0	1	1	16	11	4	3	3	0	0	0	0	0	0	28	0	3	0
August	8.3	S.	21	S.	0	5	3	7	10	34	0	0	0	3	12	9	10	5	3	0	0	0	3	0	0	28	0	5	0
September	7.7	S.	21	N.	0	10	2	2	9	29	0	1	3	4	14	5	11	8	5	0	0	0	1	0	0	0	0	2	0
October	10.1	S.	26	S.	0	11	4	6	13	23	0	1	4	0	9	6	16	12	8	0	0	0	9	1	0	0	0	9	0
November	9.8	S.	24	SW.	0	13	0	5	11	17	2	4	8	0	10	4	16	8	6	0	0	0	12	3	0	0	7	0	0
December	9.2	S.	24	N.	0	15	2	4	8	17	2	6	8	0	12	9	10	6	4	2	1	0	8	4	2	0	17	0	0
Year	9.9	S.	38	SW.	2	151	30	46	111	287	27	22	48	8	115	91	159	96	72	7	1	4	72	12	6	62	55	60	0

OMAHA, NEBR.

[H=978 ft.; H_b=982 ft.; h_t=31 ft.; h_r=3 ft.; h_a=44 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.7	N.	32	NW.	1	23	2	2	7	17	3	2	5	1	13	3	15	6	3	8	2	0	8	6	12	0	26	0	0
February	11.6	N.	53	N.	3	17	3	3	6	15	1	5	6	0	10	7	11	6	5	8	4	0	4	4	5	0	21	1	0
March	13.3	S.	39	S.	5	12	5	2	7	20	2	4	10	0	12	7	12	4	3	3	2	0	3	1	2	0	10	0	0
April	13.0	N.	44	NW.	3	17	3	5	15	12	2	1	5	0	6	7	17	9	8	1	1	0	3	0	0	0	7	1	0
May	10.9	N.	31	SE.	0	19	8	13	7	9	0	2	4	0	4	4	23	18	15	0	0	1	9	0	0	0	0	6	0
June	10.0	SE.	34	SE.	1	10	6	5	10	12	2	5	10	0	4	16	10	12	11	0	0	2	2	1	0	1	0	8	0
July	9.6	SE.	34	NW.	1	4	5	3	25	18	2	2	3	0	18	12	1	5	4	0	0	0	1	0	0	28	0	7	0
August	9.3	SE.	26	SE.	0	7	4	3	27	10	0	3	7	1	15	10	6	10	7	0	0	0	3	0	0	10	0	6	0
September	9.1	SE.	29	NW.	0	8	4	2	18	15	5	0	6	2	19	4	7	6	5	0	0	0	5	2	0	4	0	1	0
October	9.9	SE.	34	SE.	1	5	3	5	26	6	3	0	11	3	12	6	13	11	9	1	0	1	13	2	0	0	7	6	0
November	10.6	SE.	30	NW.	0	10	5	1	19	8	2	1	14	0	8	3	19	9	3	8	2	0	10	4	3	0	21	1	0
December	10.9	SE.	36	NW.	3	3	1	2	17	9	4	7	19	0	7	9	15	6	5	17	3	0	9	3	11	0	25	0	0
Year	10.8	SE.	53	N.	18	135	49	46	184	151	26	32	100	7	128	88	149	102	78	46	14	4	70	23	33	49	117	37	0

OSWEGO, N. Y.

[H=292 ft.; H_b=335 ft.; h_t=71 ft.; h_r=69 ft.; h_a=85 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	13.0	S.	37	SE.	2	9	2	3	16	13	4	2	13	0	1	3	27	19	13	19	14	0	7	1	18	0	26	0	0
February	11.1	S.	26	N.	0	9	6	3	13	5	8	7	5	0	2	2	24	15	12	17	12	0	3	0	18	0	27	0	0
March	11.2	S.	32	W.	1	7	4	2	12	17	2	15	3	0	5	7	19	12	8	7	2	0	3	1	5	0	20	1	0
April	9.8	W.	27	W.	0	6	7	4	9	3	7	16	8	0	5	8	17	13	10	6	5	1	4	0	0	0	6	1	0
May	9.3	W.	28	W.	0	6	4	2	3	6	9	26	6	0	11	10	10	10	8	0	0	0	3	0	0	0	0	1	0
June	8.3	S.	30	SE.	0	7	1	1	6	15	13	16	1	0	6	13	11	13	11	0	0	0	3	0	0	0	0	0	0
July	7.8	S.	24	W.	0	6	3	1	8	20	8	12	3	1	7	14	10	12	11	0	0	0	3	0	0	0	0	9	0
August	7.8	S.	25	N.	0	6	3	6	8	21	8	7	2	0	9	10	12	8	5	0	0	0	2	0	0	1	0	3	0
September	8.8	S.	27	N.	0	2	5	4	14	20	4	2	8	[illegible]	9	8	13	10	8	0	0	0	0	0	0	0	0	2	1
October	9.7	S.	28	W.	0	1	1	4	14	18	10	7	7	0	6	12	13	14	11	1	0	3	3	0	0	0	1	1	0
November	11.2	S.	26	N.	0	8	11	0	9	14	9	7	2	0	0	7	23	16	11	5	3	0	2	0	0	0	8	0	0
December	10.0	NW.	27	NW.	0	10	1	4	14	9	3	6	15	0	0	4	27	18	17	21	14	0	3	0	16	0	26	0	0
Year	9.8	S.	37	SE.	3	77	48	34	126	161	85	123	73	3	61	98	206	160	125	76	50	4	36	2	57	1	114	18	1

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

PALESTINE, TEX.

[ϕ=31°45′ N.; λ=95°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.62	30.05	29.20	46.4	56.4	56.4	62.4	42.0	52.2	80	12	41	42	43	81	60	61	0.292	0.293	0.303	2.22	1.47	T	5.0	5.7	4.3	5.4
February	29.60	30.12	29.18	45.2	56.0	55.9	62.4	42.0	52.2	76	25	40	39	40	83	58	58	.266	.259	.257	3.57	1.59	T	4.3	4.6	3.4	4.4
March	29.46	29.84	29.08	57.9	68.9	68.6	71.1	53.8	64.0	88	34	52	51	51	83	55	56	.428	.403	.398	2.59	1.44	0.0	6.4	5.6	5.1	5.9
April	29.39	29.80	29.06	59.3	70.5	70.7	75.3	56.7	66.0	87	42	54	55	55	85	60	60	.449	.450	.459	5.63	2.70	.0	6.2	5.5	5.3	6.1
May	29.40	29.63	29.05	65.7	74.9	74.3	79.4	62.1	70.8	87	49	62	62	63	89	65	69	.572	.558	.581	8.83	2.46	.0	7.3	6.0	4.3	6.1
June	29.41	29.55	29.12	73.3	84.1	83.0	88.4	70.2	79.3	93	64	69	67	68	88	58	62	.718	.672	.689	2.42	1.02	.0	6.3	5.5	5.5	5.6
July	29.47	29.63	29.32	76.0	89.9	86.4	93.5	73.3	83.4	101	70	71	69	70	86	51	59	.763	.705	.716	.95	.39	.0	3.5	5.4	4.6	4.8
August	29.44	29.62	29.33	75.3	90.3	86.7	94.9	73.3	84.1	104	63	70	67	68	85	49	57	.741	.674	.701	1.90	.70	.0	2.8	3.3	3.5	3.5
September	29.47	29.63	29.31	67.2	80.1	77.4	83.5	65.4	74.4	93	52	64	63	64	88	58	66	.598	.583	.605	5.49	2.80	.0	5.4	6.4	4.5	5.7
October	29.55	29.90	29.31	62.1	76.8	73.1	81.1	60.2	70.6	89	48	58	57	59	87	54	63	.503	.487	.512	5.69	2.52	.0	4.5	4.9	3.3	4.5
November	29.60	29.97	29.17	49.8	59.9	57.2	63.9	45.4	54.6	85	30	45	44	46	84	60	68	.329	.324	.332	3.26	1.52	.0	6.3	6.4	5.9	6.7
December	29.64	30.06	29.20	41.9	49.8	49.0	54.0	38.3	46.2	69	22	35	35	35	76	58	62	.216	.216	.221	6.42	5.36	1.4	5.9	5.2	5.4	6.0
Year	29.50	30.12	29.05	60.0	71.5	69.9	76.1	56.9	66.5	104	12	55	54	55	85	57	62	.490	.469	.481	48.97	5.36	1.4	5.3	5.4	4.6	5.4

PARKERSBURG, W. VA.

[ϕ=39°16′ N.; λ=81°36′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.56	30.05	28.92	29.6	37.2	35.2	42.9	24.0	33.4	68	−4	25	27	28	83	66	73	0.151	0.167	0.169	2.71	1.02	6.8	6.4	6.4	5.6	6.3
February	29.44	29.93	29.01	31.1	37.9	37.1	43.3	27.1	35.2	63	10	26	27	29	82	65	74	.148	.150	.169	1.68	.49	2.9	7.9	7.7	6.1	7.6
March	29.41	29.90	28.92	44.4	54.0	53.3	60.3	40.5	50.4	78	23	36	37	39	74	56	61	.229	.241	.253	4.20	1.49	T	8.2	6.8	5.8	7.1
April	29.31	29.59	29.02	46.9	56.1	53.5	60.5	42.2	51.4	84	23	38	39	40	74	58	64	.240	.249	.254	2.17	.64	1.0	5.9	6.7	6.7	6.4
May	29.40	29.74	29.08	55.0	64.9	63.7	70.4	49.0	59.7	85	37	47	46	48	75	53	60	.333	.320	.351	6.41	1.90	.0	6.9	5.9	6.0	6.2
June	29.34	29.59	28.93	65.9	76.5	71.5	79.7	59.9	69.8	90	47	60	58	60	81	56	69	.521	.497	.531	4.06	.85	.0	6.5	7.0	6.2	6.9
July	29.38	29.69	29.12	72.4	83.0	80.3	87.4	67.8	77.6	94	60	67	66	68	83	59	68	.661	.656	.694	6.44	4.61	.0	6.2	5.9	4.4	5.5
August	29.39	29.61	29.19	68.8	80.3	75.2	83.9	64.5	74.2	94	48	64	65	67	86	61	76	.618	.641	.673	10.42	2.16	.0	6.1	5.8	5.5	5.9
September	29.44	29.64	29.15	58.5	73.3	67.3	76.8	54.9	65.8	90	33	55	56	59	88	57	76	.444	.463	.518	4.48	3.00	.0	3.8	4.6	3.1	4.3
October	29.57	29.93	29.01	48.4	63.0	56.7	67.3	44.1	55.7	83	29	44	45	47	86	54	71	.303	.314	.337	2.75	1.13	T	4.8	5.3	3.5	5.2
November	29.50	30.01	29.09	41.9	49.7	47.2	53.3	38.1	45.7	79	19	37	38	39	86	66	74	.235	.247	.254	1.78	.63	.1	7.7	7.7	7.3	7.8
December	29.48	29.97	29.09	26.1	32.0	29.1	34.5	21.9	28.2	55	−2	22	24	24	86	75	79	.130	.139	.136	3.24	1.13	13.4	8.4	7.9	7.7	8.0
Year	29.44	30.05	28.92	49.1	59.0	55.8	63.4	44.5	53.9	94	−4	43	44	46	82	60	70	.334	.340	.362	50.34	4.61	24.2	6.6	6.5	5.7	6.4

PENSACOLA, FLA.

[ϕ=30°25′ N.; λ=87°13′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	30.10	30.42	29.73	49.4	56.7	55.4	61.9	46.0	54.0	76	20	43	44	45	80	66	71	0.319	0.333	0.338	1.30	.88	T	4.1	4.0	4.0	4.0
February	30.08	30.65	29.71	49.6	56.6	56.1	61.7	47.3	54.5	70	26	44	46	48	82	69	75	.319	.339	.360	3.11	2.01	0.0	4.4	3.5	3.6	4.1
March	30.06	30.48	29.59	61.3	66.3	64.0	69.4	58.1	63.8	78	36	58	59	60	90	80	88	.510	.531	.537	1.67	.59	.0	5.2	5.3	5.0	5.0
April	29.90	30.21	29.58	64.3	69.8	68.4	73.2	61.6	67.4	81	47	58	58	61	82	69	77	.524	.515	.546	5.48	2.09	.0	4.6	4.4	4.1	4.1
May	29.94	30.13	29.75	73.6	78.2	76.5	80.4	69.8	75.1	86	58	68	66	67	83	68	74	.691	.657	.678	7.10	2.08	.0	4.3	3.7	4.6	3.8
June	29.94	30.07	29.86	77.2	79.6	80.3	84.8	72.8	78.8	90	65	68	67	68	73	62	68	.687	.682	.701	2.06	.46	.0	3.4	4.2	5.4	4.0
July	29.94	30.09	29.67	78.6	83.6	79.0	86.2	75.1	80.6	95	69	73	73	74	83	70	77	.803	.800	.839	5.28	1.33	.0	5.2	6.3	6.8	5.5
August	29.90	30.12	29.70	78.0	83.2	81.6	86.2	75.4	80.8	96	70	73	74	73	86	74	77	.824	.836	.821	21.43	9.91	.0	5.6	5.5	6.4	5.6
September	29.91	30.08	29.59	72.3	80.1	78.4	82.6	70.6	76.6	90	58	67	67	68	83	66	73	.665	.680	.704	4.56	3.57	.0	4.0	4.0	3.6	3.9
October	30.05	30.32	29.78	65.9	75.1	73.6	77.8	64.8	71.3	85	52	58	61	61	78	64	67	.511	.561	.562	.02	.02	.0	2.5	3.2	1.6	2.7
November	30.06	30.42	29.82	55.1	64.9	62.1	68.6	52.7	60.6	86	32	49	50	51	81	60	68	.394	.408	.417	1.37	1.35	.0	4.8	3.5	2.5	3.8
December	30.10	30.46	29.43	42.7	50.0	49.2	55.1	39.3	47.2	68	23	38	39	38	85	69	68	.248	.258	.258	6.18	2.38	.0	5.0	5.2	4.6	5.1
Year	30.00	30.65	29.43	64.0	70.3	68.7	74.0	61.1	67.6	96	20	58	59	60	82	68	74	.541	.550	.563	59.56	9.91	T	4.4	4.4	4.4	4.3

PEORIA, ILL.

[ϕ=40°43′ N.; λ=89°36′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.52	30.06	28.65	22.9	28.7	28.3	34.2	18.3	26.2	50	−7	20	22	23	88	74	80	0.125	0.131	0.138	1.93	1.20	0.1	4.7	6.2	5.3	5.7
February	29.43	29.93	28.84	27.9	33.4	32.3	37.7	25.1	31.4	54	7	25	26	27	89	75	81	.138	.146	.151	2.83	1.64	1.2	6.6	7.1	6.3	7.1
March	29.32	29.86	28.89	39.2	48.5	46.7	53.6	35.0	44.3	77	20	35	37	37	84	66	70	.213	.232	.234	3.32	.72	.1	6.5	6.6	6.0	6.6
April	29.32	29.60	29.01	42.6	53.6	52.0	57.4	39.5	48.4	84	28	36	38	40	77	58	65	.219	.242	.256	2.91	1.07	3.0	5.5	6.6	6.1	6.5
May	29.37	29.81	29.00	51.0	60.8	59.5	64.4	47.2	55.8	80	34	46	48	48	83	67	68	.328	.351	.349	8.58	2.73	.0	6.9	6.9	6.2	6.8
June	29.26	29.54	28.71	63.3	73.6	71.1	76.9	57.8	67.4	89	48	59	60	59	85	64	68	.506	.538	.525	6.62	1.97	.0	5.9	6.0	5.2	5.7
July	29.35	29.59	29.07	73.3	86.2	82.6	89.9	68.6	79.2	97	60	68	70	70	84	60	67	.694	.740	.743	2.64	1.38	.0	2.2	2.8	3.6	2.5
August	29.35	29.57	29.12	68.3	82.1	76.9	85.3	64.3	74.8	96	44	64	65	65	86	57	68	.617	.642	.647	.98	.65	.0	3.4	2.6	2.6	3.2
September	29.39	29.64	29.04	57.3	73.8	66.4	77.3	54.3	65.8		34	54	57	57	89	58	72	.428	.475	.475	3.33	1.35	.0	3.3	2.7	2.5	2.9
October	29.50	30.00	28.98	46.5	61.9	55.8	65.6	43.2	54.4		25	43	45	45	87	57	67	.202	.329	.315	1.59	.50	.0	4.6	4.2	3.6	4.3
November	29.46	29.93	28.86	34.7	41.7	39.8	45.7	31.6	38.6	68	14	32	33	33	89	73	77	.188	.203	.199	4.93	1.45	.1	7.9	7.0	6.9	7.1
December	29.48	29.99	28.83	19.6	26.4	25.1	30.1	16.2	23.2	51	−9	17	20	21	88	75	83	.105	.117	.121	1.39	.48	10.9	5.8	6.3	6.1	6.3
Year	29.40	30.06	28.65	45.6	55.9	53.0	59.8	41.8	50.8	97	−9	42	43	44	86	65	72	.321	.346	.346	40.15	2.73	15.4	5.3	5.4	5.0	5.4

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

PALESTINE, TEX.

[H=492 ft.; H_b=510 ft.; h_t=64 ft.; h_r=57 ft.; h_a=72 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	8.2	S.	25	SW.	0	6	15	6	4	15	7	5	4	0	12	4	15	3	2	1	0	0	1	2	1	0	7	2	0
February	8.7	S.	29	S.	0	10	11	2	6	9	6	3	8	1	14	5	9	8	6	2	0	0	2	2	0	0	3	1	0
March	11.1	S.	27	SW.	0	4	4	6	6	33	4	2	3	0	6	16	9	5	5	0	0	1	2	2	0	0	0	3	0
April	8.3	S.	23	N.	0	11	6	2	8	21	3	3	6	0	6	10	14	9	7	0	0	2	2	2	0	0	0	7	0
May	8.2	S.	24	NW.	0	3	9	8	9	22	2	4	5	0	7	10	14	11	10	0	0	0	2	1	0	0	0	10	0
June	7.8	S.	24	N.	0	1	6	9	7	31	3	2	0	1	5	17	8	7	5	0	0	0	0	1	0	12	0	6	0
July	5.7	S.	25	S.	0	3	6	7	7	26	7	5	0	1	8	20	3	6	5	0	0	0	0	0	0	25	0	8	0
August	6.4	S.	21	S.	0	2	10	7	2	23	12	5	1	0	16	14	1	8	6	0	0	0	0	1	0	28	0	7	0
September	5.9	E.	28	NE.	0	9	13	15	7	9	0	2	2	3	10	7	13	11	8	0	0	0	0	0	0	5	0	2	0
October	6.8	S.	20	S.	0	5	14	4	10	20	4	3	2	0	15	6	10	8	8	0	0	0	2	4	0	0	0	4	0
November	7.6	N.	25	NW.	0	12	9	13	4	6	4	10	1	1	6	7	17	9	7	0	0	0	3	4	0	6	1	2	0
December	7.4	N.	19	NW.	0	13	15	8	4	4	8	6	4	0	9	10	12	10	8	1	1	0	1	3	0	0	6	0	0
Year	7.7	S.	29	S.	0	79	118	87	74	219	60	50	36	7	114	126	125	95	77	4	1	3	15	22	1	70	17	52	0

PARKERSBURG, W. VA.

[H=615 ft.; H_b=637 ft.; h_t=77 ft.; h_r=70 ft.; h_a=84 ft.]

January	7.4	SE.	28	NW.	0	7	9	1	15	4	7	10	9	0	8	5	18	12	10	9	5	0	7	1	8	0	23	0	0
February	7.4	NW.	28	W.	0	5	3	2	11	6	12	1	15	1	5	5	18	11	9	11	5	0	4	0	3	0	20	0	0
March	7.7	SE.	28	SW.	0	6	8	1	22	4	9	1	10	1	4	9	18	16	12	5	1	0	1	1	0	0	8	2	0
April	6.8	NW.	30	W.	0	12	9	1	5	1	7	9	14	2	7	9	14	13	11	2	1	0	3	1	0	0	3	1	0
May	5.9	NW.	26	NW.	0	13	8	0	10	5	4	4	17	1	9	8	14	15	15	0	0	0	4	0	0	0	0	6	0
June	5.8	SE.	20	NW.	0	2	5	1	21	11	10	4	6	0	5	10	15	16	15	0	0	0	9	3	0	1	0	10	0
July	5.1	SE.	32	NW.	1	4	5	3	16	12	7	4	11	0	9	13	9	11	11	0	0	0	10	2	0	7	0	10	0
August	5.2	SE.	28	NW.	0	10	10	1	21	1	10	2	7	0	6	17	8	14	12	0	0	0	6	3	0	8	0	9	0
September	4.6	NW.	20	NW.	0	6	5	1	14	8	7	4	14	1	15	8	7	6	6	0	0	0	15	6	0	1	0	3	0
October	4.7	SE.	18	SW.	0	5	8	0	18	8	4	4	10	5	13	7	11	10	7	1	0	0	16	5	0	0	3	3	0
November	6.4	SE.	19	SE.	0	7	6	1	20	3	6	4	12	1	2	7	21	13	12	5	1	0	13	3	1	0	7	0	0
December	7.3	SW.	27	SW.	0	3	7	3	10	7	18	7	7	0	4	5	22	19	13	23	15	0	4	0	13	0	25	0	0
Year	6.2	SE.	32	NW.	1	80	83	15	183	70	101	54	132	12	87	103	175	156	133	56	28	0	92	25	25	17	89	44	0

PENSACOLA, FLA.

[H=11 ft.; H_b=56 ft.; h_t=149 ft.; h_r=131 ft.; h_a=185 ft.]

January	12.5	NE.	38	S.	1	14	16	4	5	4	6	7	6	0	16	9	6	5	3	1	0	0	3	2	0	0	4	1	0
February	12.8	NE.	30	NW.	0	12	8	6	6	5	6	7	6	0	15	3	10	5	4	0	0	0	8	7	0	0	3	1	0
March	13.0	S.	42	NW.	2	3	8	9	11	11	13	2	5	0	11	10	10	8	6	0	0	0	8	7	0	0	0	2	0
April	11.6	S.	48	SW.	5	5	7	3	6	11	15	7	6	0	15	11	4	10	8	0	0	0	1	1	0	0	0	9	0
May	12.1	SE.	31	S.	0	5	4	8	16	9	14	2	4	0	17	10	4	10	9	0	0	0	0	0	0	0	0	8	0
June	10.7	S.	31	NE.	0	9	9	2	3	11	13	7	6	0	13	13	4	9	8	0	0	0	0	0	0	0	0	12	0
July	10.4	SW.	38	S.	1	6	7	4	11	2	17	5	10	0	6	18	7	17	13	0	0	0	0	0	0	4	0	14	0
August	10.5	S.	38	NE.	2	9	11	2	2	8	16	4	9	1	9	15	7	18	16	0	0	0	0	0	0	4	0	15	0
September	11.0	NE.	28	W.	0	12	20	7	4	4	5	2	6	0	18	6	6	8	4	0	0	0	0	0	0	0	0	8	0
October	11.8	NE.	26	S.	0	9	25	3	6	8	3	4	3	1	20	8	3	1	0	0	0	0	2	1	0	0	0	1	0
November	12.3	N.	36	S.	2	17	13	7	4	1	1	7	10	0	14	13	3	4	2	0	0	0	1	0	0	0	1	2	0
December	13.1	N.	46	E.	3	18	15	4	3	3	1	10	8	0	13	8	10	9	7	0	0	0	2	1	0	0	5	1	0
Year	11.8	NE.	48	SW.	16	119	143	59	77	77	110	64	79	2	167	124	74	104	80	1	0	0	25	19	0	8	13	74	0

PEORIA, ILL.

[H=602 ft.; H_b=609 ft.; h_t=11 ft.; h_r=4 ft.; h_a=45 ft.]

January	8.3	S.	27	W.	0	12	5	5	6	15	3	2	14	0	10	7	14	11	6	5	1	0	9	6	12	0	26	0	0
February	8.2	NW.	23	NE.	0	14	6	5	6	6	4	11	3	1	6	6	16	8	8	7	3	0	16	3	4	0	23	0	0
March	9.4	S.	26	SW.	0	5	10	6	9	14	6	4	7	1	8	4	19	13	11	5	1	1	7	1	1	0	12	5	0
April	8.8	NE.	28	W.	0	10	15	7	10	6	2	0	10	0	5	13	12	9	7	3	1	0	4	0	0	0	7	2	0
May	7.3	NE.	21	NE.	0	7	27	6	5	5	3	4	3	2	8	5	18	19	16	0	0	2	4	0	0	0	0	9	0
June	6.1	S.	18	W.	0	3	3	5	10	10	10	10	9	0	11	8	11	15	11	0	0	0	6	0	0	0	0	10	0
July	5.0	SW.	20	NW.	0	11	7	3	4	10	13	4	7	3	22	8	1	11	8	0	0	0	0	0	0	17	0	11	0
August	5.2	S.	15	NW.	0	8	9	6	6	9	8	3	10	3	17	12	2	7	6	0	0	0	3	0	0	11	0	7	0
September	5.6	S.	18	SW.	0	9	4	5	2	16	12	4	5	3	21	2	7	8	6	0	0	0	11	0	0	3	0	1	0
October	6.0	S.	21	W.	0	7	6	3	14	10	2	7	13	0	16	6	9	8	6	0	0	0	11	1	0	0	4	1	0
November	8.0	S.	23	SW.	0	10	5	3	7	13	6	8	6	2	9	0	21	12	7	3	1	0	14	0	2	0	12	2	0
December	7.7	W.	25	NW.	0	3	4	5	13	9	3	15	10	0	11	2	18	9	8	15	7	0	7	2	16	0	27	0	0
Year	7.1	S.	28	W.	0	99	101	50	92	123	72	72	97	15	144	73	148	130	100	38	14	3	92	13	35	31	111	48	0

074268

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

PHILADELPHIA, PA.

[ϕ=39°57′ N.; λ=75°09′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	30.06	30.66	29.44	28.0	32.9	32.4	38.3	23.8	31.0	61	3	19	20	21	67	59	62	0.126	0.135	0.139	4.21	1.46	21.5	5.4	5.8	4.2	6.0
February	29.94	30.64	29.38	30.1	35.7	35.0	40.2	25.8	33.0	60	8	20	22	22	66	58	60	.125	.126	.127	3.12	1.26	5.9	6.7	6.1	4.7	6.1
March	29.96	30.62	29.32	41.5	49.1	47.7	54.9	37.4	46.2	75	23	30	31	33	66	53	59	.184	.192	.202	2.11	.97	.6	7.4	6.3	5.3	6.1
April	29.78	30.10	29.30	47.8	55.5	52.4	59.1	44.2	51.6	83	32	35	34	36	62	48	58	.210	.200	.217	2.12	1.02	T	7.3	6.8	6.4	6.8
May	29.89	30.26	29.46	57.1	64.9	62.0	69.0	52.3	60.6	86	45	43	43	45	62	49	58	.296	.305	.318	2.21	1.46	.0	6.4	6.5	6.1	6.1
June	29.79	30.12	29.40	68.8	76.2	71.6	80.2	62.8	71.5	90	55	59	58	60	74	56	68	.516	.494	.520	6.25	2.05	.0	5.1	5.9	6.6	5.7
July	29.69	30.29	29.61	75.2	83.1	77.9	86.1	70.4	78.2	95	63	67	65	67	76	56	70	.667	.635	.670	5.07	2.77	.0	6.2	6.9	6.5	6.1
August	29.91	30.17	29.55	71.7	79.3	74.6	83.0	67.6	75.3	93	56	63	61	62	75	55	66	.592	.553	.575	3.34	1.58	.0	6.2	6.5	5.2	6.3
September	29.95	30.26	29.49	62.2	69.5	66.5	73.8	58.2	66.0	83	43	55	54	56	80	61	70	.456	.442	.460	8.36	3.84	.0	5.4	5.6	3.9	5.4
October	30.09	30.47	29.48	52.1	62.4	59.0	66.9	48.6	57.8	79	38	44	42	46	74	51	63	.302	.296	.333	3.95	1.78	.0	5.1	4.5	3.9	4.3
November	29.99	30.28	29.50	47.4	52.5	50.2	55.8	44.2	50.0	74	25	41	41	42	79	67	74	.283	.290	.292	4.07	1.86	.4	8.5	7.8	6.6	7.5
December	29.92	30.60	29.41	29.1	33.6	32.7	36.5	26.5	31.5	59	9	20	20	21	67	56	61	.119	.117	.121	1.55	.70	8.0	7.8	6.3	6.0	6.8
Year	29.93	30.66	29.30	50.9	57.9	55.2	62.0	46.8	54.4	95	3	41	41	43	71	56	64	.323	.316	.331	46.36	3.84	37.0	6.5	6.2	5.4	6.1

PHOENIX, ARIZ.

[ϕ=33°28′ N.; λ=112°00′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.89	29.40	28.44	44.5	61.0	61.9	65.5	42.2	53.8	83	26	38	35	37	77	43	44	0.232	0.221	0.235	0.95	0.41	0.0	3.7	5.4	5.8	5.2
February	28.89	29.33	28.45	49.0	65.1	65.5	69.6	46.2	57.9	83	35	37	33	35	66	35	37	.228	.206	.218	3.18	1.69	.0	3.9	4.0	5.1	4.6
March	28.78	29.13	28.57	47.7	64.9	66.9	69.9	45.3	57.6	85	34	38	35	31	70	36	34	.229	.209	.206	1.39	.52	.0	4.0	5.2	4.8	4.6
April	28.69	28.93	28.40	57.4	78.3	80.0	82.9	56.0	69.4	93	41	35	33	30	44	20	18	.205	.190	.175	.09	.09	.0	3.0	3.8	3.9	3.5
May	28.64	28.90	28.42	61.4	83.0	84.8	88.0	60.2	74.1	100	48	36	32	30	41	17	15	.216	.183	.170	.14	.09	.0	2.4	3.3	3.4	2.9
June	28.59	28.79	28.39	73.8	100.0	102.7	105.5	72.8	89.2	110	59	37	34	31	27	11	8	.229	.202	.174	.00	.00	.0	.5	.5	1.3	.7
July	28.66	28.93	28.48	80.0	100.4	102.9	105.5	78.4	92.0	112	68	55	49	47	44	20	16	.463	.380	.348	.93	.89	.0	4.6	2.6	4.5	3.9
August	28.66	28.83	28.49	78.9	94.7	96.3	100.1	76.8	88.4	109	71	66	63	61	66	37	34	.641	.578	.537	1.27	.52	.0	5.4	3.5	4.5	4.5
September	28.67	28.85	28.48	72.9	93.1	93.6	97.9	71.2	84.6	107	62	56	52	51	58	27	27	.462	.409	.394	1.30	.68	.0	2.3	1.5	3.2	2.2
October	28.75	29.06	28.54	58.6	83.7	81.6	88.0	57.2	72.6	99	40	39	35	39	49	18	23	.252	.218	.251	.13	.13	.0	1.2	1.7	2.5	1.8
November	28.84	29.16	28.57	45.9	67.1	65.4	71.0	43.4	57.2	80	35	34	30	35	65	28	36	.205	.180	.215	.56	.49	.0	1.9	4.1	4.2	3.8
December	28.86	29.06	28.60	43.5	63.0	61.8	67.1	41.5	54.3	77	33	35	34	36	74	38	42	.213	.206	.224	.39	.19	.0	2.1	4.2	3.9	3.9
Year	23.74	29.40	28.39	59.5	79.5	80.3	84.2	57.6	70.9	112	26	42	39	39	57	28	28	.298	.265	.262	10.33	1.69	.0	2.9	3.3	3.9	3.5

PITTSBURGH, PA.

[ϕ=40°21′ N.; λ=79°56′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.26	29.79	28.59	29.8	35.7	33.7	40.3	23.9	32.1	70	4	23	27	26	75	70	73	0.145	0.164	0.162	2.41	0.62	5.6	6.1	7.4	7.3	7.4
February	29.14	29.66	28.68	29.7	35.0	34.8	40.3	26.2	33.2	61	8	24	26	28	78	69	74	.136	.146	.158	3.03	1.26	13.3	7.5	8.4	7.5	6.0
March	29.13	29.68	28.65	42.4	50.9	50.9	57.2	38.1	47.6	77	23	34	38	36	72	64	60	.208	.245	.229	3.04	.92	1.1	7.5	7.0	6.5	7.1
April	29.04	29.36	28.62	44.5	54.9	51.3	59.1	40.9	50.0	86	23	37	38	39	75	56	66	.225	.235	.246	1.91	.53	1.0	6.1	7.4	5.5	6.8
May	29.13	29.43	28.81	53.2	64.1	62.8	69.3	48.4	58.8	85	40	43	43	43	69	50	51	.287	.292	.290	4.07	1.26	.0	6.6	6.8	6.1	6.6
June	29.06	29.34	28.70	65.4	75.8	72.2	80.2	60.0	70.1	90	52	58	60	59	79	60	66	.500	.538	.515	3.35	.95	.0	7.0	7.3	5.7	6.7
July	29.12	29.42	28.85	71.1	81.2	77.4	85.5	66.5	76.0	94	59	64	64	64	79	56	64	.601	.595	.601	2.38	.87	.0	5.3	6.6	6.1	5.9
August	29.13	29.36	28.87	67.2	77.0	72.2	81.1	63.0	72.0	91	46	61	61	61	81	58	70	.533	.558	.564	4.92	1.85	.0	6.6	6.8	6.2	6.4
September	29.17	29.39	28.80	57.0	70.1	64.8	73.8	53.1	63.4	87	36	53	51	52	86	53	64	.407	.389	.392	1.96	1.06	.0	5.1	5.0	4.3	5.0
October	29.30	29.67	28.64	46.8	59.9	55.5	64.3	43.3	53.8	81	32	41	40	40	80	51	58	.267	.266	.262	2.03	.78	T	5.3	4.8	4.5	4.9
November	29.22	29.70	28.78	39.1	45.9	43.9	50.0	36.0	43.0	76	21	35	37	37	86	72	78	.219	.237	.236	2.10	.61	.4	7.2	7.8	7.6	7.9
December	29.16	29.71	28.76	22.8	26.9	25.2	30.0	19.6	24.8	49	−5	20	22	22	89	82	88	.119	.128	.128	3.27	.90	20.4	9.5	9.2	7.8	8.9
Year	29.16	29.79	28.59	47.4	56.4	53.7	60.9	43.2	52.1	94	−5	41	42	42	79	62	68	.304	.316	.315	34.44	1.85	41.8	6.6	7.0	6.3	6.8

POCATELLO, IDAHO

[ϕ=42°52′ N.; λ=112°20′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	25.51	26.03	24.84	21.7	29.8	29.9	36.6	16.9	26.8	48	−17	16	21	22	78	68	72	0.093	0.113	0.120	1.37	0.50	15.4	5.8	7.2	5.5	6.3
February	25.60	26.09	25.12	25.5	34.3	34.8	39.0	22.3	30.6	52	10	19	22	23	76	62	63	.105	.116	.124	.34	.16	1.8	5.1	5.6	6.0	5.6
March	25.35	25.71	24.91	31.8	38.8	40.9	43.5	28.3	35.9	61	15	23	23	23	69	52	49	.122	.121	.124	1.06	.24	10.5	6.6	7.0	6.6	7.1
April	25.36	25.78	24.78	39.0	50.4	51.1	55.8	35.6	45.7	71	26	28	28	28	66	47	47	.157	.158	.156	2.94	.60	4.2	5.7	5.9	6.1	5.8
May	25.39	25.78	25.14	44.1	57.1	60.1	62.9	42.2	52.6	78	30	32	29	30	63	37	35	.185	.159	.172	1.69	.77	T	5.2	6.1	7.1	6.2
June	25.42	25.71	25.17	53.9	72.7	76.2	78.1	51.4	64.8	93	41	34	31	31	48	22	20	.200	.175	.176	.02	.02	.0	2.6	3.8	4.6	3.7
July	25.46	25.74	25.29	60.1	84.1	87.8	89.0	57.8	73.8	101	44	35	35	31	41	18	14	.211	.205	.176	.08	.05	.0	1.9	1.1	1.6	1.5
August	25.46	25.68	25.24	59.0	81.5	85.1	87.2	56.8	72.0	97	48	33	32	30	39	18	15	.196	.187	.172	.28	.22	.0	2.0	1.6	2.0	2.0
September	25.50	25.73	25.25	51.6	74.4	77.6	79.4	49.3	64.4	87	36	32	33	29	48	24	18	.182	.195	.163	.10	.08	.0	2.7	1.9	2.9	2.6
October	25.52	26.00	24.91	39.8	57.1	55.9	61.8	36.6	49.2	82	19	26	28	27	60	36	36	.143	.154	.151	1.09	.85	.5	3.9	4.4	3.4	4.2
November	25.58	25.92	25.03	27.2	36.2	34.6	40.5	23.6	32.0	50	14	23	25	25	82	65	69	.120	.135	.136	.61	.23	2.4	6.7	7.3	6.2	7.1
December	25.58	25.90	25.06	22.6	31.4	30.2	35.7	19.4	27.6	45	4	18	22	23	81	67	72	.100	.117	.122	.74	.37	6.0	5.1	6.2	5.7	6.0
Year	25.48	26.09	24.78	39.7	54.0	55.3	59.2	36.7	48.0	101	−17	27	27	27	63	43	42	.151	.153	.149	10.32	.85	40.8	4.4	4.8	4.8	4.8

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

PHILADELPHIA, PA.

[H=26 ft.; H_b=114 ft.; h_t=174 ft.; h_r=166 ft.; h_a=367 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	13.0	N.	43	NW.	5	18	6	5	2	5	10	6	10	0	8	7	16	12	6	12	7	0	8	5	9	0	23	0	0
February	13.5	SW.	31	N.	0	9	11	3	2	1	15	7	8	0	5	11	12	9	8	9	6	0	4	1	4	0	21	0	0
March	13.3	SW.	37	SW.	1	9	8	4	3	10	15	6	7	0	10	4	17	13	8	4	3	0	10	0	0	0	9	1	0
April	14.3	N.	43	E.	5	14	14	4	2	2	7	7	10	0	4	10	16	9	8	1	0	0	2	0	0	0	1	1	0
May	11.9	N.	34	NW.	1	13	7	3	2	12	13	5	7	0	8	9	14	11	9	0	0	0	4	0	0	0	0	3	0
June	11.5	S.	39	SW.	3	11	4	4	5	13	12	6	5	0	8	13	9	15	13	0	0	0	6	0	6	3	0	11	0
July	11.1	SW.	40	N.	3	9	4	7	5	15	18	4	0	0	7	10	14	12	11	0	0	0	3	0	0	7	0	10	0
August	10.0	E.	34	N.	1	10	5	13	7	9	9	3	6	0	7	10	14	10	7	0	0	0	12	0	0	3	0	5	0
September	10.9	SW.	36	SE.	2	8	10	6	3	7	16	5	5	0	12	6	12	6	6	0	0	0	11	2	0	6	0	1	0
October	12.1	SW.	32	S.	1	9	7	0	6	9	16	4	11	0	12	13	6	10	9	0	0	0	11	3	6	0	0	1	0
November	14.0	N.	45	N.	3	18	10	3	3	10	4	4	8	0	6	4	20	14	8	2	2	0	8	2	0	0	3	0	0
December	12.9	NW.	35	NW.	1	8	8	2	1	4	8	12	19	0	6	9	16	12	9	14	6	0	3	3	11	0	21	0	0
Year	12.4	N.	45	N.	26	136	94	54	41	97	143	69	96	0	93	106	166	133	102	42	24	0	82	17	24	13	78	33	0

PHOENIX, ARIZ.

[H=1,108 ft.; H_b=1,108 ft.; h_t=10 ft.; h_r=81 ft.; h_a=107 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	4.9	E.	30	W.	0	5	9	17	10	7	3	12	8	0	10	9	12	6	5	0	0	1	0	0	0	0	3	1	0
February	5.9	E.	25	W.	0	2	3	24	3	4	2	8	10	0	11	9	8	7	6	0	0	0	2	0	0	0	0	3	0
March	5.8	E.	18	W.	0	5	1	28	6	2	4	7	9	6	12	7	12	5	5	0	3	1	0	0	0	0	0	2	0
April	6.6	E.	25	NW.	0	3	2	24	0	4	2	14	11	0	18	5	7	1	1	0	0	0	0	0	0	0	4	0	0
May	6.6	E.	28	SW.	0	6	6	22	2	3	3	12	8	0	20	7	4	3	2	0	0	0	0	0	0	0	15	0	0
June	6.6	W.	23	W.	0	1	1	25	1	1	3	21	2	2	28	1	1	0	0	0	0	0	0	0	0	0	30	0	0
July	6.4	W.	30	N.	0	4	3	13	7	4	5	15	10	1	13	14	4	3	1	0	0	0	0	0	0	0	31	0	0
August	5.6	E.	30	E.	0	10	4	17	2	6	4	8	8	3	13	12	6	8	5	0	0	0	0	0	0	0	29	0	0
September	5.6	E.	34	NW.	1	3	6	18	4	7	2	10	6	4	22	7	1	4	3	0	0	1	0	0	0	0	27	0	0
October	5.3	E.	21	SW.	0	10	3	23	1	1	5	10	6	3	23	6	2	1	1	0	0	1	0	0	0	0	14	0	0
November	4.8	E.	20	N.	0	4	1	21	5	5	6	8	8	2	14	8	8	4	3	0	0	0	4	0	0	0	0	0	0
December	4.7	E.	18	W.	0	2	6	18	5	4	7	11	5	4	13	12	6	5	2	0	0	0	3	1	0	0	0	0	0
Year	5.7	E.	34	NW.	1	55	36	250	46	48	46	139	91	19	197	97	71	47	34	0	0	4	9	1	0	150	3	33	0

PITTSBURGH, PA.

[H=1,248 ft.; H_b=842 ft.; h_t=39 ft.; h_r=38 ft.; h_a=54 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.4	NW.	38	SW.	4	7	5	4	8	8	9	6	15	0	6	5	20	13	11	14	6	0	6	5	8	0	24	0	0
February	11.2	SW.	36	W.	2	2	4	4	7	4	12	9	14	0	3	4	21	18	12	17	11	1	9	0	4	0	21	0	0
March	11.1	SW.	38	SW.	3	4	8	6	8	8	16	5	7	0	6	6	19	12	9	5	2	0	8	1	0	0	9	3	0
April	10.6	W.	38	W.	3	9	10	4	8	2	6	9	12	0	4	12	14	12	7	4	2	0	8	0	0	0	2	1	0
May	9.3	NW.	31	NW.	0	16	8	4	3	3	10	6	12	0	7	8	16	12	11	0	0	0	3	0	0	0	0	4	0
June	9.0	SW.	34	W.	2	10	4	3	2	5	20	11	5	0	6	9	15	13	12	0	0	0	5	2	0	1	0	5	0
July	8.2	SW.	31	W.	0	6	11	4	6	9	19	3	4	0	7	13	11	13	9	0	0	0	13	3	0	4	0	8	0
August	8.7	SW.	42	S.	4	5	6	12	8	6	16	3	5	1	5	13	13	11	10	0	0	0	16	1	0	2	0	10	0
September	8.1	SW.	29	NW.	0	8	8	4	6	10	12	3	9	0	11	11	8	8	7	0	0	0	23	10	0	0	0	2	1
October	8.9	SW.	34	SW.	1	3	6	2	12	9	13	5	12	0	12	8	11	9	8	2	0	0	11	2	0	0	1	2	0
November	10.1	NW.	28	SW.	0	7	6	4	9	5	12	6	10	1	4	6	20	14	12	3	2	0	16	8	2	0	9	0	0
December	11.4	SW.	39	SW.	2	1	4	6	5	6	22	10	8	0	1	5	25	24	15	26	19	0	12	4	18	0	27	0	0
Year	9.8	SW.	42	S.	21	78	80	57	82	75	167	76	113	2	72	100	193	159	123	71	42	1	128	36	32	7	93	35	1

POCATELLO, IDAHO

[H=4,468 ft.; H_b=4,477 ft.; h_t=60 ft.; h_r=52 ft.; h_a=68 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.1	SE.	32	SW.	2	3	1	2	15	7	6	7	20	1	9	7	15	11	7	12	11	0	7	1	7	0	29	0	0
February	7.4	NW.	30	W.	0	8	0	2	9	4	4	9	20	0	8	10	10	6	3	7	4	0	2	0	5	0	26	0	0
March	11.6	SW.	35	SW.	1	2	1	0	21	11	16	8	3	0	3	11	17	11	8	13	9	0	0	0	0	0	24	1	0
April	9.8	SW.	34	S.	1	2	0	0	16	9	18	11	4	0	10	7	13	13	10	5	4	3	0	0	0	0	8	2	0
May	8.5	SE.	34	S.	1	7	3	1	15	6	10	10	10	0	7	11	13	11	7	1	0	0	0	0	0	0	1	4	0
June	9.1	SW.	29	SW.	0	2	0	1	19	2	18	11	7	0	15	11	4	1	0	0	0	0	0	0	0	1	0	1	0
July	8.6	SE.	28	SW.	0	5	1	1	23	12	9	0	11	0	26	4	1	4	1	0	0	0	0	0	0	14	0	4	0
August	8.7	SE.	28	SW.	0	5	0	2	23	5	6	9	11	1	22	7	2	3	1	0	0	1	0	0	0	12	0	2	0
September	7.9	SE.	29	SW.	0	5	0	1	23	3	5	11	12	0	20	6	4	3	1	0	0	0	1	0	0	0	0	0	0
October	8.1	SE.	27	SW.	0	1	1	0	21	9	13	7	10	0	15	8	8	8	5	7	4	0	0	0	0	0	10	0	0
November	6.0	NW.	21	SW.	0	5	0	1	9	6	7	15	17	0	5	8	17	6	4	9	4	0	9	3	4	0	29	0	0
December	6.0	SE.	24	SE.	0	7	0	2	12	11	10	7	8	5	10	4	17	9	5	10	8	0	6	0	11	0	30	0	0
Year	8.3	SE.	35	SW.	5	52	7	13	206	85	122	105	133	7	150	94	121	86	52	64	44	4	25	4	27	27	157	14	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

PORT ARTHUR, TEX.

[ϕ=29°52′ N.; λ=93°55′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	30.10	30.50	29.73	50.7	60.4	----	65.2	48.6	56.9	76	18	47	48	---	88	63	---	0.362	0.376	----	2.13	1.82	T	4.6	4.2	----	5.0
February	30.10	30.63	29.71	50.7	60.3	----	64.9	48.5	56.7	76	29	47	46	---	87	62	---	.340	.335	----	3.92	2.11	0.0	4.3	4.1	----	4.9
March	29.99	30.35	29.61	61.9	70.3	----	72.8	60.3	66.6	79	46	57	59	---	85	68	---	.493	.529	----	2.70	1.63	.0	6.2	6.1	----	6.0
April	29.88	30.26	29.58	66.1	74.7	----	77.4	63.4	70.4	83	47	61	60	---	84	62	---	.560	.548	----	3.20	1.64	.0	5.3	5.4	----	5.1
May	29.88	30.11	29.55	72.6	79.9	----	82.4	70.0	76.2	89	56	67	67	---	83	66	---	.670	.673	----	4.66	2.36	.0	5.0	5.4	----	4.9
June	29.91	30.06	29.69	78.9	85.1	82.1	88.2	75.1	81.6	92	66	73	71	72	82	64	73	.804	.766	.795	5.21	2.41	.0	4.7	5.6	5.9	5.6
July	29.94	30.11	29.76	79.8	86.8	84.8	91.0	76.5	83.8	101	73	74	72	74	82	63	70	.834	.790	.828	7.08	3.71	.0	4.6	6.2	5.6	5.8
August	29.91	30.11	29.78	78.8	88.8	85.4	91.9	76.1	84.0	102	68	74	72	74	85	60	69	.835	.799	.829	5.94	2.49	.0	4.0	4.9	4.4	4.9
September	29.91	30.07	29.77	73.1	82.0	79.1	85.0	70.9	78.0	92	57	69	68	70	87	64	74	.722	.690	.739	8.45	3.59	.0	5.2	5.6	6.2	5.6
October	30.03	30.30	29.81	67.7	79.0	74.5	82.1	65.9	74.0	88	54	64	64	66	88	61	77	.617	.616	.663	.62	.30	.0	3.1	3.9	1.4	3.9
November	30.08	30.45	29.73	55.7	64.4	61.9	69.0	52.7	60.8	84	40	52	52	54	86	65	77	.425	.418	.455	2.83	1.70	.0	5.1	5.1	2.8	5.0
December	30.13	30.51	29.68	47.3	55.4	----	59.1	45.0	52.0	72	33	40	41	---	77	61	---	.273	.286	----	5.46	2.64	.0	6.1	5.7	----	6.0
Year	29.99	30.63	29.55	65.3	73.9	----	77.4	62.8	70.1	102	18	60	60	---	84	63	---	.578	.569	----	52.20	3.71	T	4.8	5.2	----	5.2

PORTLAND, MAINE

[ϕ=43°39′ N.; λ=70°15′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.99	30.69	29.02	14.3	19.9	18.8	25.3	10.5	17.9	46	−11	9	12	12	76	69	74	0.083	0.090	0.091	12.29	3.47	59.0	4.9	4.3	4.1	4.9
February	29.86	30.60	29.29	19.6	27.5	26.1	31.8	15.0	23.4	46	−4	13	18	17	73	67	67	.084	.105	.098	4.30	.84	18.8	5.3	4.2	4.0	4.5
March	29.89	30.56	29.23	29.9	36.9	35.6	40.9	25.9	33.4	56	10	21	23	25	68	57	66	.120	.131	.139	1.96	.77	4.8	2.9	3.2	4.3	3.6
April	29.76	30.25	29.15	41.6	47.1	44.1	49.7	37.1	43.4	75	27	30	31	31	65	57	62	.175	.179	.178	2.15	.87	.8	5.3	5.7	4.4	4.8
May	29.81	30.26	29.31	52.3	58.2	55.8	61.8	45.2	53.5	81	35	36	35	36	56	46	53	.224	.219	.218	1.38	.86	.0	3.2	4.7	4.4	4.3
June	29.82	30.11	29.39	61.6	67.4	62.6	71.1	55.7	63.4	88	49	54	55	52	78	67	71	.424	.439	.405	6.35	2.01	.0	4.9	5.6	5.4	5.3
July	29.86	30.21	29.48	69.6	74.4	69.7	78.5	63.1	70.8	95	53	61	62	62	77	68	79	.558	.567	.569	2.72	1.40	.0	2.7	3.6	3.3	4.4
August	29.88	30.16	29.40	67.0	73.4	68.5	76.7	61.4	69.0	91	54	59	59	59	76	62	72	.505	.513	.507	2.69	1.05	.0	3.7	3.5	2.9	3.3
September	29.90	30.21	29.35	56.3	64.2	59.5	67.0	51.6	59.3	81	41	48	49	49	76	60	70	.350	.364	.356	4.58	1.57	.0	4.4	5.0	4.6	4.7
October	30.05	30.52	29.48	40.6	55.4	51.2	58.4	41.3	49.8	68	31	39	41	39	75	60	64	.246	.269	.251	.48	.27	.0	1.4	2.4	2.2	2.8
November	30.02	30.46	29.34	40.0	45.4	43.2	47.7	37.1	42.4	62	24	35	38	37	83	76	78	.221	.240	.231	3.46	1.41	T	6.2	5.9	5.6	6.0
December	29.81	30.47	29.25	20.9	27.0	24.9	30.5	18.3	24.4	43	2	14	16	15	75	62	64	.092	.096	.094	2.14	1.07	4.2	5.4	5.3	3.5	4.8
Year	29.89	30.69	29.02	43.3	49.7	46.5	53.3	38.5	45.9	95	−11	35	37	36	73	63	68	.257	.268	.261	44.50	34.7	87.6	4.2	4.4	4.1	4.4

PORTLAND, OREG.

[ϕ=45°32′ N.; λ=122°41′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.82	30.29	29.28	39.3	43.1	43.3	46.0	34.9	40.4	65	12	34	34	35	82	72	74	0.204	0.207	0.214	3.45	0.72	6.7	8.0	8.5	8.6	8.6
February	30.00	30.35	29.29	42.5	48.2	50.5	52.5	40.0	46.2	58	29	37	37	38	81	67	63	.220	.226	.228	3.17	.76	.0	5.9	7.3	7.1	7.3
March	29.85	30.27	29.24	39.5	46.7	47.8	50.3	37.8	44.0	62	32	36	36	36	87	67	65	.213	.211	.212	5.28	1.37	T	8.2	8.0	8.2	8.3
April	29.83	30.19	29.30	44.4	56.1	58.8	60.5	42.9	51.7	75	36	38	37	38	79	52	49	.230	.227	.229	2.48	1.07	.0	6.0	5.3	6.2	6.1
May	29.93	30.27	29.50	48.5	62.5	67.6	68.9	46.8	57.8	83	41	42	42	40	80	48	40	.272	.269	.257	.61	.27	.0	6.0	5.7	5.0	5.7
June	29.87	30.23	29.48	55.8	68.6	72.6	74.4	54.4	64.4	96	42	48	47	47	76	48	43	.336	.327	.331	.50	.13	.0	6.7	5.7	5.6	6.0
July	29.87	30.07	29.61	57.9	71.3	77.1	78.7	56.9	67.8	105	49	51	52	53	79	52	45	.379	.395	.407	.28	.19	.0	5.4	4.7	4.5	5.0
August	29.84	30.12	29.62	58.6	72.5	78.8	79.7	57.1	68.4	100	49	51	51	52	78	49	41	.381	.380	.387	.20	.10	.0	3.9	3.9	2.4	3.7
September	29.82	30.11	29.47	57.5	71.3	76.9	78.1	56.3	67.2	93	50	52	50	49	82	50	41	.393	.366	.364	.86	.86	.0	3.9	3.3	2.8	3.9
October	29.95	30.47	29.38	48.2	56.1	57.9	60.5	46.1	53.3	81	29	45	44	46	89	66	67	.308	.305	.326	3.20	.74	.6	5.6	6.3	6.2	6.7
November	30.04	30.37	29.63	38.9	45.2	45.9	48.2	36.5	42.4	55	23	35	36	37	85	72	72	.210	.222	.226	3.27	.88	.0	6.1	6.4	6.6	6.8
December	29.92	30.32	29.38	40.1	44.6	43.7	46.6	37.7	42.2	55	28	33	35	34	77	69	70	.196	.208	.205	5.89	1.23	.0	4.8	6.5	7.4	6.8
Year	29.90	30.47	29.24	47.6	57.2	60.1	62.0	45.6	53.8	105	12	42	42	42	81	59	56	.278	.279	.282	29.19	1.37	7.3	5.9	6.0	5.9	6.2

PROVIDENCE, R. I.

[ϕ=41°50′ N.; λ=71°25′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.95	30.62	29.10	21.2	26.9	26.1	32.1	16.3	24.2	53	−5	13	14	16	69	59	65	0.101	0.108	0.114	6.02	2.55	24.4	4.6	4.8	5.2	4.9
February	29.83	30.53	29.31	25.9	33.8	30.9	37.0	20.6	28.8	54	1	18	21	20	70	58	62	.110	.122	.115	2.64	1.31	9.0	4.6	6.2	5.0	5.2
March	29.86	30.51	29.25	37.4	45.1	41.2	49.1	31.6	40.4	72	17	26	24	27	62	44	57	.149	.141	.153	1.60	.95	.6	4.5	4.9	4.5	4.8
April	29.69	30.09	29.20	45.2	51.2	46.8	54.6	38.9	46.8	82	29	33	31	32	64	50	60	.192	.181	.186	3.37	1.28	.7	5.7	6.0	6.1	6.1
May	29.79	30.21	29.35	55.3	62.9	57.3	66.5	47.3	56.9	86	40	37	35	39	53	39	54	.236	.218	.256	1.51	.64	.0	4.0	5.0	4.6	4.8
June	29.78	30.03	29.35	65.7	71.6	66.6	75.0	57.5	66.2	89	51	55	55	56	70	59	70	.436	.442	.455	4.53	1.97	.0	5.2	5.4	5.0	5.6
July	29.83	30.18	29.40	72.9	79.4	72.7	82.9	65.5	74.2	94	56	62	63	65	71	59	77	.580	.590	.624	2.72	.82	.0	5.7	5.2	4.5	5.3
August	29.84	30.13	29.44	70.7	78.1	71.1	80.5	62.1	71.3	93	52	59	58	60	68	52	69	.518	.494	.530	1.14	.55	.0	3.2	3.7	3.3	3.6
September	29.87	30.17	29.34	60.2	68.5	61.8	71.0	53.8	62.4	82	42	51	49	52	73	52	71	.393	.364	.401	2.95	1.64	.0	5.2	4.9	4.9	5.1
October	30.01	30.38	29.49	50.4	60.7	54.1	63.0	44.1	53.6	78	33	40	39	42	70	48	66	.264	.260	.285	.76	.30	.0	2.6	2.2	2.6	2.7
November	29.94	30.28	29.38	43.6	48.9	46.2	52.3	39.3	45.8	70	21	37	38	40	78	69	80	.241	.256	.267	4.29	1.26	6.0	7.1	6.9	6.5	7.1
December	29.78	30.46	29.23	25.3	30.5	28.9	33.7	22.0	27.8	47	5	17	16	17	70	54	60	.108	.104	.106	1.05	.58	2.5	6.6	5.7	5.1	5.4
Year	29.85	30.62	29.10	47.8	54.8	50.3	58.1	41.6	49.9	94	−5	37	37	39	68	54	66	.277	.273	.291	32.58	2.55	43.2	4.9	5.1	4.8	5.0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

PORT ARTHUR, TEX.

[H=5 ft.; H_b=34 ft.; h_t=58 ft.; h_r=51 ft.; h_a=66 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	8.8	S.	30	NW.	0	2	10	2	6	2	1	3	5	0	8	19	4	5	4	1	1	0	3	5	0	0	3	0	0
February	8.9	N.	28	NW.	0	8	3	6	2	2	0	4	2	1	11	10	7	9	7	0	0	0	2	2	0	0	2	3	0
March	10.1	S.	34	NW.	1	3	5	0	10	10	1	0	1	1	3	19	9	6	5	0	0	0	2	2	0	0	0	4	0
April	8.3	S.	30	NW.	0	5	1	2	9	6	0	3	3	1	4	23	3	8	5	0	0	0	0	0	0	0	0	7	0
May	7.8	SE.	34	NW.	1	6	3	5	10	5	0	1	1	0	10	17	4	6	5	0	0	1	0	0	0	0	0	5	0
June	7.0	S.	21	W.	0	5	9	3	11	27	2	0	1	2	2	24	4	12	9	0	0	0	0	0	0	6	0	9	0
July	5.8	S.	20	NW.	0	11	6	8	6	16	4	4	6	1	4	20	7	16	10	0	0	0	0	0	0	19	0	15	0
August	6.5	S.	20	NE.	0	7	9	7	1	25	1	5	6	1	10	18	3	11	10	0	0	0	0	0	0	24	0	12	0
September	7.3	E.	21	N.	0	17	11	10	7	6	1	1	4	3	9	10	11	7	7	0	0	0	1	0	0	6	0	4	0
October	7.2	E.	19	NE.	0	11	9	16	10	12	2	1	1	0	13	13	5	5	4	0	0	0	7	4	0	0	0	0	0
November	8.8	E.	24	E.	0	17	3	15	7	7	2	2	6	1	9	11	10	6	4	0	0	0	8	1	0	0	0	1	0
December	9.1	E.	27	NE.	0	7	6	8	1	3	0	2	3	1	8	9	14	12	8	0	0	0	2	2	0	0	0	1	0
Year	8.0	S.	34	NW.	2	99	75	82	80	121	14	26	39	12	91	193	81	103	78	1	1	1	25	16	0	55	5	61	0

PORTLAND, MAINE

[H=47 ft.; H_b=103 ft.; h_t=82 ft.; h_r=75 ft.; h_a=117 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.4	N.	30	NE.	0	31	3	0	0	0	8	9	11	0	15	4	12	15	15	11	10	0	2	5	22	0	27	0	6
February	8.5	N.	24	N.	0	15	3	0	0	3	12	14	7	2	12	9	7	10	9	14	9	0	0	0	13	0	27	2	4
March	9.3	N.	35	NW.	1	15	4	1	1	3	12	7	16	3	18	8	5	15	9	8	5	0	3	5	3	0	27	1	0
April	9.5	N.	37	NE.	1	12	10	7	1	7	4	5	12	2	14	5	11	12	9	6	3	0	1	1	0	0	6	1	7
May	9.5	NW.	30	NW.	0	12	3	3	3	4	12	8	17	0	15	11	5	7	6	0	0	0	2	1	0	0	0	2	8
June	8.1	S.	26	S.	0	6	6	8	0	11	13	8	3	5	12	10	8	15	13	0	0	0	1	9	0	0	0	11	3
July	8.3	S.	21	SW.	0	8	6	8	0	4	17	9	6	4	17	5	9	10	6	0	0	0	3	15	0	4	0	8	3
August	8.2	SW.	21	S.	0	14	5	3	1	5	15	12	5	2	19	8	4	11	5	0	0	0	1	3	0	2	0	5	2
September	8.1	N.	32	SE.	1	15	4	2	1	4	12	12	9	1	12	10	8	11	5	0	0	0	0	2	0	0	0	2	2
October	8.8	SW.	26	NW.	1	10	4	2	2	8	14	8	10	4	22	4	5	5	4	0	0	0	5	7	0	0	1	1	3
November	9.7	N.	30	NE.	0	21	12	1	1	8	6	6	5	0	11	4	15	14	11	2	1	0	7	6	1	0	8	1	2
December	8.5	N.	27	NW.	0	32	2	0	0	0	3	10	12	3	13	10	8	9	7	11	7	0	1	0	17	0	28	0	4
Year	8.8	N.	37	NE.	4	191	62	35	10	57	128	108	113	26	180	88	97	134	99	52	35	0	26	54	56	6	124	34	44

PORTLAND, OREG.

[H=30 ft.; H_b=153 ft.; h_t=68 ft.; h_r=63 ft.; h_a=106 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.4	S.	27	S.	0	2	3	13	11	12	11	4	5	1	0	5	26	18	12	9	6	0	9	2	3	0	9	0	0
February	6.0	SE.	22	SW.	0	2	3	12	11	6	5	7	9	1	3	7	18	14	13	0	0	0	11	2	0	0	2	0	0
March	7.0	S.	28	S.	0	2	1	3	10	12	15	11	7	1	2	2	27	21	20	8	0	2	5	1	0	0	0	0	0
April	7.2	NW.	21	E.	0	0	7	5	3	5	12	4	22	2	7	10	13	12	9	0	0	1	2	1	0	0	0	0	0
May	6.2	NW.	17	NW.	0	2	0	0	7	10	0	4	34	4	8	11	12	6	5	0	0	0	0	0	0	0	0	0	0
June	6.6	NW.	16	NW.	0	2	1	0	4	7	7	11	27	1	8	7	15	9	5	0	0	0	0	0	0	2	0	0	0
July	6.7	NW.	16	NW.	0	1	2	3	4	4	4	7	37	0	12	10	9	4	2	0	0	0	0	0	0	4	0	1	0
August	6.8	NW.	17	NW.	0	5	1	1	2	5	0	2	45	1	16	11	4	4	2	0	0	0	1	0	0	4	0	0	0
September	6.3	NW.	20	SW.	0	1	3	0	5	3	3	7	38	0	14	12	4	2	1	0	0	0	2	0	0	3	0	0	0
October	5.3	NW.	21	NE.	0	2	4	3	6	6	8	11	21	1	6	8	17	12	9	3	1	1	15	7	0	0	2	1	0
November	5.2	SE.	23	S.	0	0	5	7	11	5	4	14	9	5	6	9	15	11	9	0	0	0	18	6	0	0	7	0	0
December	7.1	E.	23	S.	0	0	2	18	18	8	6	3	6	1	8	3	20	17	14	0	0	0	3	2	0	0	5	0	0
Year	6.5	NW.	28	S.	0	19	32	65	92	83	75	85	261	18	90	95	180	130	101	20	7	4	66	21	3	13	25	2	0

PROVIDENCE, R. I.

[H=8 ft.; H_b=160 ft.; h_t=215 ft.; h_r=211 ft.; h_a=251 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	12.6	NW.	49	NW.	9	4	1	3	7	6	5	4	32	0	13	6	12	13	10	12	8	0	9	3	16	0	26	0	1
February	11.2	NW.	37	NW.	1	3	0	3	3	7	10	6	24	0	10	9	9	8	8	9	6	0	8	0	8	0	24	0	0
March	12.7	NW.	43	NW.	6	3	2	2	4	12	9	4	26	0	13	7	11	8	5	5	2	0	4	0	1	0	16	0	0
April	12.5	NW.	38	NW.	6	8	12	2	5	3	2	5	23	0	8	10	12	13	9	5	4	0	10	0	0	0	5	2	1
May	11.4	NW.	43	NW.	1	10	0	2	5	9	11	2	23	0	12	11	8	10	6	0	0	0	5	0	0	0	0	4	0
June	9.7	S.	35	NW.	1	6	5	2	9	9	14	3	11	1	13	7	10	11	9	0	0	0	11	0	0	0	0	5	0
July	9.0	SW.	37	NW.	1	7	2	2	7	11	17	6	9	1	12	10	9	11	8	0	0	0	4	0	0	6	0	6	0
August	9.5	NW.	25	NW.	0	9	2	2	4	15	10	3	16	1	17	8	6	6	4	0	0	0	4	0	0	1	0	2	0
September	9.9	NW.	31	SE.	0	5	6	1	6	2	15	7	18	0	10	9	11	8	4	0	0	0	6	0	0	0	0	0	0
October	10.8	NW.	34	NW.	1	7	4	0	5	10	11	0	23	2	21	6	4	6	5	0	0	0	7	3	0	0	0	0	0
November	12.3	N.	41	NE.	4	20	4	3	2	5	7	2	17	0	6	5	19	12	11	3	1	0	9	2	0	0	4	1	0
December	12.6	NW.	35	NW.	5	9	1	3	0	1	3	5	40	0	10	9	12	7	5	7	3	0	7	1	11	0	25	0	0
Year	11.2	NW.	49	NW.	35	91	39	25	57	90	114	47	262	5	145	97	123	113	84	41	24	0	84	9	36	7	100	20	2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

PUEBLO, COLO.

[ϕ=38°18′ N.; λ=104°36′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.			
January	25.29	25.85	24.67	26.8	46.8	47.2	54.7	22.2	38.4	71	−13	14	16	14	58	31	27	0.083	0.089	0.081	0.08	0.06	0.6	2.3	3.4	3.3	3.2
February	25.34	25.89	24.77	26.8	46.1	48.0	53.6	23.9	38.8	75	4	17	17	17	66	38	33	.095	.100	.096	.43	.31	4.2	3.5	4.6	4.4	4.1
March	25.14	25.43	24.54	33.9	54.0	56.6	60.1	31.1	45.6	79	18	14	14	14	46	21	20	.081	.080	.082	.14	.14	1.5	1.5	3.2	4.6	3.5
April	25.17	25.68	24.71	40.5	57.6	59.2	63.5	38.2	50.8	81	26	24	21	22	54	27	27	.132	.117	.120	.42	.36	T	4.1	4.8	6.6	5.4
May	25.21	25.61	24.82	46.7	60.2	62.0	65.0	45.7	55.4	84	32	40	36	34	78	46	41	.250	.221	.202	1.60	.76	T	6.9	6.7	7.6	6.5
June	25.24	25.53	24.95	57.2	79.1	79.8	84.0	55.9	70.0	95	46	44	39	39	63	27	27	.291	.254	.248	1.03	.44	.0	2.7	3.2	5.9	3.9
July	25.34	25.62	25.12	65.2	86.5	87.1	92.4	64.1	78.2	98	59	48	44	44	55	23	25	.344	.302	.302	.30	.18	.0	1.0	1.8	6.2	3.3
August	25.32	25.54	25.03	63.8	85.2	83.7	88.6	63.1	75.8	98	56	52	49	48	68	31	32	.397	.354	.346	1.08	.38	.0	4.0	2.6	6.5	4.5
September	25.35	25.67	25.08	53.3	75.7	74.2	79.2	51.3	65.2	93	31	41	38	40	66	31	34	.262	.231	.252	2.01	.70	4.3	2.3	2.7	4.2	3.1
October	25.34	25.81	24.88	43.7	63.1	62.4	67.6	40.5	54.0	83	25	30	28	29	62	32	32	.171	.157	.167	.76	.38	5.5	3.1	2.7	4.3	3.5
November	25.31	25.61	24.81	29.2	48.3	46.5	52.4	26.8	39.6	66	20	18	20	20	64	36	37	.097	.105	.106	.10	.04	.4	3.3	5.0	4.1	4.6
December	25.32	25.68	24.88	21.3	43.9	40.1	47.7	18.6	33.2	62	10	14	18	18	73	37	42	.079	.095	.098	.11	.09	1.1	2.0	3.7	3.7	3.9
Year	25.28	25.89	24.54	42.4	62.4	62.2	67.4	40.1	53.8	98	−13	30	28	28	63	32	31	.190	.175	.175	8.06	.76	17.6	3.1	3.7	5.1	4.1

RALEIGH, N. C.

[ϕ=35°45′ N.; λ=78°37′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.77	30.24	29.23	36.4	44.8	42.4	49.7	32.4	41.0	73	8	30	36	35	77	71	75	0.192	0.238	0.222	2.40	1.00	0.2	6.0	7.3	4.8	6.9
February	29.67	30.25	29.10	37.2	47.9	46.5	53.8	34.0	43.9	73	16	30	35	37	75	63	72	.182	.217	.234	2.73	1.62	T	5.4	5.1	4.5	5.3
March	29.69	30.22	29.02	50.3	61.7	59.5	67.9	45.1	56.5	86	28	41	48	51	79	64	74	.313	.364	.387	4.08	1.35	.0	6.8	6.2	6.5	6.4
April	29.50	29.80	29.06	51.5	60.9	60.4	66.0	48.0	57.0	86	36	45	50	51	79	70	74	.315	.374	.388	2.95	1.18	.0	7.3	6.1	6.2	6.0
May	29.61	29.89	29.21	63.0	72.3	68.9	76.6	56.4	66.5	89	46	54	57	58	73	61	70	.429	.471	.488	3.61	1.90	.0	5.6	6.2	5.0	5.6
June	29.57	29.86	29.31	72.8	83.7	79.8	87.9	67.1	77.5	96	56	62	62	63	69	49	58	.558	.559	.577	.90	.31	.0	4.7	4.5	4.2	4.4
July	29.62	29.96	29.28	74.6	82.9	78.5	86.8	69.7	78.2	94	63	69	68	70	84	63	77	.714	.703	.738	5.11	1.11	.0	6.8	7.0	5.9	6.3
August	29.60	29.78	29.42	73.7	82.8	78.4	86.9	68.9	77.9	99	58	67	64	67	81	57	71	.674	.616	.679	5.91	3.28	.0	5.4	5.4	4.2	4.7
September	29.64	29.91	29.02	65.9	76.0	72.4	80.0	62.2	71.1	94	47	61	61	64	85	62	77	.551	.558	.616	6.42	3.33	.0	5.6	5.7	4.7	5.2
October	29.79	30.13	29.32	55.3	68.7	63.9	72.8	51.5	62.2	84	35	49	49	52	79	52	68	.364	.370	.410	1.34	.58	.0	3.4	3.7	2.5	3.8
November	29.69	30.04	29.30	48.9	57.9	55.5	61.6	46.4	54.0	77	25	44	47	48	83	69	77	.313	.346	.357	3.86	1.24	T	6.7	6.4	5.5	6.4
December	29.68	30.25	29.18	31.1	40.2	38.1	43.8	28.6	36.2	65	10	24	28	30	73	61	73	.143	.164	.182	2.94	1.42	9.8	4.1	4.3	5.2	4.8
Year	29.65	30.25	29.02	55.1	65.0	62.0	69.5	50.9	60.2	99	8	48	50	52	78	62	72	.396	.415	.440	42.25	3.33	10.0	5.6	5.7	4.9	5.5

RAPID CITY, S. DAK.

[ϕ=44°04′ N.; λ=103°12′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	26.61	27.17	26.00	19.9	30.8	27.1	39.8	11.2	25.5	63	−20	9	15	14	66	58	63	0.075	0.096	0.090	0.17	0.09	1.9	3.3	5.7	4.5	5.5
February	26.67	27.17	26.11	29.9	41.3	37.4	45.5	24.4	35.0	68	0	18	21	22	61	51	57	.099	.115	.118	.50	.24	4.1	3.7	5.5	5.2	5.3
March	26.44	26.81	25.93	29.2	41.7	40.8	48.5	24.0	36.2	78	−2	19	23	21	66	52	51	.107	.125	.112	1.27	.78	9.4	4.3	6.1	5.5	5.8
April	26.56	27.07	26.05	33.7	45.5	44.9	50.1	31.0	40.6	78	13	25	28	29	72	54	58	.137	.155	.161	2.78	.75	15.2	6.6	6.4	5.8	6.2
May	26.62	27.00	26.03	43.6	53.3	52.5	56.9	40.1	48.5	77	27	37	38	38	78	59	62	.221	.234	.235	6.69	2.16	T	7.0	8.1	7.1	7.6
June	26.55	26.80	26.22	57.1	68.5	69.6	73.1	52.1	62.6	89	36	46	47	47	68	48	47	.319	.332	.341	1.93	.61	.0	5.0	5.2	4.9	5.3
July	26.61	26.97	26.39	68.8	85.1	87.0	90.3	64.1	77.2	104	56	52	54	53	58	38	34	.403	.437	.423	.90	.49	.0	2.6	1.9	4.3	3.4
August	26.61	26.90	26.23	63.1	78.9	80.9	84.9	57.0	71.0	106	41	43	43	42	52	32	31	.286	.285	.284	.19	.19	.0	4.0	3.4	3.4	3.8
September	26.65	27.06	26.38	53.8	72.8	71.6	76.9	49.9	63.4	95	34	37	36	36	56	29	30	.224	.215	.214	.12	.02	.0	3.5	4.0	3.7	3.9
October	26.66	27.09	26.18	39.6	56.7	53.1	62.1	35.3	48.7	82	6	26	27	28	61	37	43	.143	.151	.155	.33	.20	3.1	4.0	3.5	2.8	3.5
November	26.65	27.07	26.10	27.3	39.9	34.6	43.2	22.6	32.9	62	0	20	22	24	75	53	65	.112	.122	.129	.27	.24	3.4	4.3	5.4	4.8	5.7
December	26.64	27.11	26.03	26.0	35.2	29.6	40.1	19.2	29.6	56	−4	18	22	20	72	60	67	.098	.117	.108	.25	.19	2.6	4.4	6.2	3.9	5.8
Year	26.61	27.17	25.93	41.0	54.1	52.4	59.3	35.9	47.6	106	−20	29	31	31	65	48	51	.185	.199	.198	15.40	2.16	39.7	4.4	5.1	4.7	5.2

READING, PA.

[ϕ=40°20′ N.; λ=75°58′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.83	30.40	29.19	25.2	30.1	30.3	35.5	21.4	28.4	55	−2	17	20	21	71	66	67	0.113	0.125	0.131	3.05	0.97	22.1	5.3	6.0	5.9	6.1
February	29.70	30.39	29.18	28.0	33.8	33.8	39.4	23.1	31.2	59	0	21	23	23	74	64	65	.124	.132	.132	2.56	.68	11.0	7.3	7.0	5.5	6.7
March	29.72	30.35	29.12	40.4	48.0	47.4	54.2	35.1	44.6	79	19	31	31	32	69	54	56	.181	.182	.187	2.09	.67	3.2	6.7	6.2	5.4	6.1
April	29.56	29.86	29.09	46.7	53.7	52.7	58.5	42.4	50.4	86	27	34	34	35	62	51	55	.198	.203	.211	2.44	1.32	T	7.1	6.8	6.3	6.5
May	29.65	30.00	29.20	55.2	64.0	61.9	68.5	50.2	59.4	87	42	41	39	42	61	44	52	.270	.255	.281	.99	.40	.0	6.3	6.4	5.8	6.0
June	29.59	29.91	29.19	66.7	74.9	71.7	79.1	60.7	69.9	91	53	57	55	56	72	52	61	.479	.443	.468	2.76	.75	.0	5.4	6.6	6.6	6.2
July	29.65	30.02	29.36	73.2	81.2	78.1	85.4	68.0	76.7	95	60	65	63	66	76	56	66	.626	.595	.638	6.70	3.33	.0	6.2	5.9	6.2	5.9
August	29.67	29.94	29.30	69.4	77.1	73.7	81.0	64.7	72.8	94	53	61	60	61	76	58	66	.559	.544	.559	1.44	.60	.0	6.3	6.2	6.0	6.1
September	29.71	30.02	29.28	59.4	68.3	65.4	72.7	55.0	63.8	83	40	53	53	54	80	60	67	.414	.410	.425	3.09	1.53	.0	5.7	5.9	4.1	5.3
October	29.85	30.21	29.22	50.6	61.9	58.3	66.1	46.6	56.4	80	32	42	42	44	73	51	61	.282	.295	.309	1.71	.63	.0	5.0	4.8	4.8	5.1
November	29.77	30.07	29.25	46.1	50.8	48.5	54.3	41.6	48.0	77	24	40	40	40	80	67	74	.268	.270	.273	5.23	2.49	T	7.7	7.1	7.0	7.4
December	29.69	30.33	29.18	27.1	31.3	31.1	34.8	24.6	29.7	56	7	20	22	21	73	66	65	.117	.123	.120	1.91	.53	9.1	7.9	7.1	6.2	6.8
Year	29.70	30.40	29.09	49.0	56.3	54.4	60.8	44.4	52.6	95	−2	40	40	41	72	57	63	.303	.298	.311	33.97	3.33	45.4	6.4	6.3	5.8	6.2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

PUEBLO, COLO.

[H = 4,663 ft.; H_b = 4,685 ft.; h_t = 80 ft.; h_r = 72 ft.; h_a = 86 ft.]

Month	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Wind: Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: T or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Dense	Maximum temp.: 32° or below	Maximum temp.: 90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Electricity: Aurora
	Mi.		*Mi.*																										
January	7.7	NW.	38	NW.	3	1	6	14	6	0	2	7	26	0	19	11	1	2	1	1	1	0	0	0	2	0	25	0	0
February	6.7	NW.	32	W.	1	11	1	14	4	3	2	6	15	0	14	10	4	5	2	5	4	0	1	0	1	0	24	0	0
March	10.0	NW.	38	NW.	4	3	2	8	6	2	6	15	20	0	19	10	2	1	1	2	1	0	0	0	0	0	17	0	0
April	9.4	E.	34	NW.	4	5	4	16	3	1	2	9	20	0	10	10	10	4	3	1	1	0	1	0	0	0	7	0	0
May	8.1	E.	28	E.	0	5	10	19	8	2	3	4	11	0	7	10	14	16	9	2	2	0	0	0	0	0	1	4	0
June	7.0	E.	21	NW.	0	4	6	13	7	3	2	6	19	0	13	17	0	4	3	0	0	1	0	0	0	0	7	10	0
July	7.0	NW.	28	W.	0	7	6	11	2	6	4	5	26	1	21	11	0	3	2	0	0	0	0	0	0	23	0	6	0
August	6.9	NW.	23	SW.	0	8	2	13	6	4	2	5	22	0	10	16	5	10	7	0	0	0	0	0	0	16	0	7	0
September	6.7	NW.	26	NW.	0	4	8	15	5	5	1	4	17	1	18	7	5	7	6	1	1	0	0	0	0	6	1	3	0
October	6.8	E.	31	NW.	0	4	5	17	6	5	3	2	20	0	19	9	3	6	4	3	3	0	1	0	0	0	6	0	0
November	6.4	NW.	32	NW.	1	8	6	17	11	0	1	2	15	0	13	10	7	5	1	5	5	0	2	0	1	0	28	0	0
December	6.2	NW.	27	W.	0	7	3	16	9	0	1	4	22	0	16	11	4	2	1	3	2	0	1	1	1	0	31	0	0
Year	7.4	NW.	38	NW.	13	67	53	173	73	31	29	69	233	2	178	132	55	65	40	23	20	1	6	1	5	52	140	30	0

RALEIGH, N. C.

[H = 315 ft.; H_b = 376 ft.; h_t = 103 ft.; h_r = 94 ft.; h_a = 146 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.2	NE.	28	N.	0	13	16	3	3	5	10	6	6	0	7	6	18	10	8	3	1	0	10	5	2	0	14	0	0
February	9.6	SW.	30	NW.	0	10	6	2	2	4	12	10	10	0	10	6	12	7	6	1	0	0	4	3	0	0	11	0	0
March	9.7	SW.	31	NW.	0	6	7	5	3	6	18	10	6	1	6	12	13	15	12	0	0	0	3	2	0	0	1	5	0
April	8.8	NE.	32	NW.	1	10	9	7	1	6	8	3	15	1	8	9	13	15	13	0	0	0	5	0	0	0	0	2	0
May	8.3	SW.	25	NW.	0	5	16	2	1	9	12	10	5	1	9	11	11	9	9	0	0	1	5	2	0	0	0	3	0
June	8.1	SW.	30	W.	0	10	6	1	2	13	13	11	3	1	13	14	3	5	4	0	0	0	0	0	0	10	0	4	0
July	7.3	SW.	30	SE.	0	3	9	6	6	8	22	5	2	1	4	17	10	14	12	0	0	0	2	0	0	7	0	9	0
August	7.6	NE.	44	NW.	1	5	10	13	10	7	5	9	2	1	13	11	7	9	7	0	0	0	3	0	0	16	0	4	0
September	7.6	NE.	25	NW.	0	11	18	11	3	5	4	6	2	0	12	5	13	9	8	0	0	0	7	1	0	2	0	3	0
October	7.8	NE.	24	N.	0	14	13	5	1	10	9	5	2	3	13	14	4	6	6	0	0	0	9	3	0	0	0	0	0
November	9.3	N.	28	N.	0	17	12	3	3	7	6	2	8	2	7	8	15	8	7	1	1	0	7	2	0	0	3	1	0
December	10.1	NW.	30	W.	0	12	7	2	3	2	9	10	16	1	14	8	9	9	7	3	3	0	4	0	7	0	19	0	0
Year	8.6	SW.	44	NW.	2	117	129	60	38	82	128	87	77	12	116	121	128	116	99	8	5	1	59	18	9	29	48	31	0

RAPID CITY, S. DAK.

[H = 3,231 ft.; H_b = 3,259 ft.; h_t = 50 ft.; h_r = 43 ft.; h_a = 58 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.4	W.	33	N.	1	12	7	2	9	4	5	14	8	1	11	9	11	6	2	6	6	0	7	1	10	0	31	0	0
February	8.6	N.	31	N.	0	13	6	0	5	8	0	10	14	0	10	9	9	6	5	11	6	0	8	2	3	0	25	0	1
March	9.6	N.	34	NW.	1	10	8	1	6	10	3	13	11	0	5	17	9	5	4	10	5	0	2	0	4	0	26	0	0
April	11.2	N.	32	N.	1	20	2	1	10	9	1	7	9	1	7	12	11	12	10	10	7	1	5	1	4	0	15	1	0
May	8.8	N.	30	NW.	0	16	7	2	10	9	0	9	9	0	3	9	19	17	15	1	0	1	6	0	0	0	4	3	0
June	8.6	N.	32	N.	1	11	7	2	7	6	3	16	7	1	5	19	6	13	9	0	0	1	0	0	0	0	0	9	0
July	7.6	W.	28	SW.	0	12	5	2	8	9	6	10	10	0	19	10	2	7	4	0	0	0	0	0	0	16	0	13	0
August	8.1	W.	30	NW.	0	12	5	4	9	8	1	15	6	2	14	11	6	5	3	0	0	0	0	0	0	13	0	6	0
September	7.5	W.	24	N.	0	14	3	2	4	6	3	21	6	1	14	11	5	2	1	0	0	0	0	0	0	3	0	1	0
October	8.2	W.	30	NW.	0	12	6	5	7	4	2	13	12	1	15	12	4	4	3	5	4	0	0	0	2	0	12	0	0
November	7.9	N.	32	NW.	1	15	6	1	6	8	2	14	6	2	10	10	10	4	1	10	4	0	5	0	5	0	25	0	0
December	8.3	W.	31	NW.	0	10	2	0	12	4	0	15	15	3	8	14	11	5	2	11	4	0	3	2	8	0	31	0	0
Year	8.5	N.	34	NW.	5	157	64	22	93	85	26	158	113	12	119	143	103	86	59	64	36	3	36	6	36	32	169	33	1

READING, PA.

[H = 273 ft.; H_b = 323 ft.; h_t = 283 ft.; h_r = 275 ft.; h_a = 306 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.9	NW.	51	NW.	9	13	5	1	11	3	4	4	21	0	9	9	13	11	7	15	8	0	2	10	10	0	26	0	0
February	11.4	NW.	39	W.	3	6	7	3	8	3	6	6	16	1	3	15	10	9	7	11	6	0	0	7	4	0	22	0	0
March	11.4	NW.	44	SW.	2	9	8	1	15	6	8	4	11	0	9	8	14	12	9	6	4	0	2	4	0	0	13	2	0
April	12.7	NW.	43	NW.	4	9	9	5	7	4	5	2	19	0	6	12	12	10	7	4	0	0	1	4	0	0	1	1	0
May	10.4	NW.	35	N.	2	12	7	1	6	9	10	4	13	0	7	15	9	10	6	0	0	0	6	2	0	0	0	2	2
June	10.3	NW.	47	SE.	5	6	4	3	12	11	7	4	13	0	3	17	10	16	12	0	0	1	6	2	0	3	0	12	0
July	8.8	S.	53	NE.	2	6	3	2	10	15	14	6	6	0	6	16	9	16	11	0	0	0	0	3	0	6	0	8	0
August	9.0	SE.	39	N.	1	11	3	3	20	14	3	1	7	0	7	12	12	14	8	0	0	0	4	3	0	2	0	6	0
September	9.1	SW.	35	W.	2	10	8	4	7	8	12	6	5	0	13	7	10	7	6	0	0	0	2	6	0	0	0	2	0
October	10.3	NW.	32	SE.	1	14	2	3	13	7	9	2	12	0	11	14	6	10	6	0	0	0	3	5	0	0	0	2	0
November	12.8	N.	35	NW.	3	17	8	3	11	8	1	3	9	0	4	7	19	10	7	6	1	0	0	4	0	0	3	1	0
December	12.1	NW.	38	NW.	1	8	6	2	8	5	3	1	29	0	6	10	15	14	12	16	7	0	2	4	10	0	22	0	0
Year	10.8	NW.	53	NE.	35	121	70	31	128	93	82	43	161	1	84	142	139	139	98	58	26	1	28	54	24	11	87	36	2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

REDDING, CALIF.

[ϕ=40°35′ N.; λ=122°24′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.28	29.75	28.80	39.6	47.2	48.8	52.0	36.9	44.4	70	25	33	36	37	79	66	67	0.193	0.211	0.225	8.25	2.45	14.3	5.3	8.2	7.6	8.2
February	29.36	29.75	28.99	44.6	54.6	56.9	58.8	41.8	50.3	75	34	36	36	36	74	55	51	.220	.222	.220	6.03	2.04	.0	6.2	7.2	7.9	7.7
March	29.22	29.65	28.85	41.6	53.6	56.1	57.7	39.4	48.6	82	32	33	33	31	74	50	44	.193	.191	.181	2.58	.93	.8	4.2	6.2	6.1	6.1
April	29.15	29.44	28.57	50.5	61.6	63.9	65.4	49.1	57.2	87	33	41	40	41	74	52	50	.266	.262	.267	7.98	2.06	.0	6.3	7.5	7.4	7.4
May	29.13	29.50	28.93	57.6	74.7	77.9	79.6	56.1	67.8	95	41	42	39	39	59	31	29	.272	.250	.247	.66	.33	.0	3.6	3.8	3.6	3.6
June	29.08	29.31	28.89	67.6	85.6	89.8	91.0	66.4	78.7	105	54	42	41	38	41	22	18	.270	.259	.233	.02	.02	.0	2.2	2.8	2.7	2.8
July	29.09	29.29	29.83	68.5	87.0	91.3	92.5	67.2	79.8	109	55	43	42	39	42	22	18	.284	.275	.247	T	T	.0	2.0	1.5	1.9	1.7
August	29.04	29.26	28.88	70.6	91.7	95.8	96.8	69.0	82.9	111	60	41	40	36	36	19	14	.267	.268	.228	T	T	.0	0.7	1.0	0.8	0.9
September	29.08	29.36	28.89	65.8	86.2	90.1	91.9	63.4	77.6	105	53	42	41	37	44	24	18	.272	.268	.233	.27	.27	.0	1.4	2.5	2.0	2.3
October	29.24	29.66	28.86	54.7	70.4	71.6	74.2	52.1	63.2	92	29	38	36	36	58	34	32	.251	.230	.227	1.88	.88	.0	2.5	3.5	2.8	3.4
November	29.33	29.61	28.98	46.1	59.6	59.5	63.5	43.2	53.4	82	31	33	33	32	61	40	40	.192	.191	.187	.53	.26	.0	4.1	5.5	4.9	5.6
December	29.30	29.54	28.94	44.4	54.2	53.7	56.9	41.6	49.2	72	36	33	34	35	67	53	56	.195	.204	.213	6.28	1.86	.0	4.9	6.4	6.7	6.4
Year	29.19	29.75	28.57	54.3	68.9	71.3	73.4	52.2	62.8	111	25	38	38	36	59	39	36	.240	.236	.226	34.48	2.45	15.1	3.6	4.7	4.5	4.7

RENO, NEV.

[ϕ=39°32′ N.; λ=119°49′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	25.47	25.90	24.91	27.5	38.2	39.6	43.6	24.1	33.8	59	8	23	27	28	82	64	63	0.123	0.146	0.152	1.10	0.42	10.1	4.9	5.5	5.8	5.3
February	25.55	25.96	25.15	31.9	44.8	46.7	50.3	29.0	39.6	67	17	24	27	27	75	51	48	.131	.146	.151	.56	.41	2.1	4.3	5.5	6.3	5.6
March	25.46	25.77	24.99	29.1	45.1	45.9	49.5	25.3	37.9	74	13	22	24	24	74	45	44	.117	.128	.128	.81	.20	8.0	2.7	4.3	4.7	4.0
April	25.39	25.63	24.83	38.9	54.9	55.2	59.0	36.4	47.7	74	30	29	28	28	68	39	38	.162	.156	.157	1.64	.89	T	5.3	6.2	6.9	6.0
May	25.42	25.75	25.20	43.8	64.2	64.9	69.1	42.0	55.6	81	33	32	30	31	63	29	29	.180	.172	.176	.28	.14	.0	3.8	4.3	5.5	4.2
June	25.44	25.67	25.22	52.3	78.3	80.1	83.1	51.1	67.1	92	40	36	31	32	55	18	18	.214	.173	.185	.01	.01	.0	1.4	1.5	2.4	1.4
July	25.47	25.65	25.26	54.4	81.3	81.6	85.5	53.3	69.4	99	42	38	34	36	56	19	20	.237	.197	.211	.02	.02	.0	.8	1.6	3.2	1.6
August	25.46	25.64	25.28	56.4	85.4	85.8	89.8	54.7	72.2	99	48	38	36	36	52	18	18	.240	.221	.221	.04	.04	.0	.8	.8	1.4	1.0
September	25.48	25.69	25.33	51.6	80.2	81.5	84.7	49.5	67.1	92	39	32	32	33	49	18	*18	.186	.181	.187	T	T	.0	.8	1.7	2.5	1.5
October	25.54	25.94	25.04	37.6	59.8	60.1	65.1	34.7	49.9	82	19	28	28	28	68	30	31	.157	.158	.160	.06	.05	T	1.6	2.3	2.2	2.2
November	25.58	25.91	25.16	27.2	42.1	41.7	47.1	23.5	35.3	60	7	19	27	27	71	57	57	.106	.147	.146	1.28	.90	14.0	2.7	4.5	4.0	4.0
December	25.55	25.82	25.15	25.8	39.8	40.3	44.7	22.9	33.8	59	10	19	26	26	74	58	58	.106	.140	.141	.62	.33	1.2	4.5	5.1	4.7	5.1
Year	25.48	25.96	24.83	39.7	59.5	60.3	64.3	37.3	50.8	99	7	28	29	30	66	37	37	.163	.164	.168	6.42	.90	35.4	2.8	3.6	4.1	3.5

RICHMOND, VA.

[ϕ=37°32′ N.; λ=77°27′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.06	30.59	29.46	30.7	37.8	36.5	44.9	27.3	36.1	73	1	26	29	29	81	72	74	0.158	0.182	0.180	4.41	2.59	5.8	5.5	7.5	3.4	6.7
February	29.94	30.59	29.38	32.3	43.5	41.0	49.9	29.2	39.6	69	11	28	32	30	83	66	66	.161	.198	.177	2.13	.93	.1	5.4	5.0	3.4	5.5
March	29.95	30.56	29.29	46.7	57.9	53.7	63.1	41.2	52.2	84	24	40	43	42	79	60	66	.267	.300	.277	4.00	1.48	T	6.5	6.9	6.5	6.8
April	29.77	30.10	29.27	48.6	57.5	56.0	62.9	44.5	53.7	87	30	41	41	42	77	59	63	.266	.265	.273	4.40	1.34	.2	6.9	5.9	7.2	6.5
May	29.87	30.21	29.48	59.4	69.6	65.0	74.3	53.2	63.8	86	44	50	50	52	72	52	65	.372	.379	.397	3.81	.90	.0	5.5	5.5	4.9	5.5
June	29.82	30.14	29.49	70.6	80.7	76.0	84.7	64.1	74.4	93	55	61	60	62	74	51	64	.556	.543	.573	6.22	2.72	.0	4.0	3.6	4.9	4.6
July	29.87	30.26	29.59	74.2	82.7	76.9	86.1	69.2	77.6	92	60	68	69	69	83	64	78	.700	.706	.722	5.64	2.38	.0	5.5	6.5	6.6	6.2
August	29.87	30.08	29.65	72.1	81.4	75.8	84.8	67.6	76.2	96	57	66	66	67	82	60	74	.654	.646	.665	3.68	2.05	.0	5.8	5.6	4.7	5.6
September	29.92	30.21	29.35	63.0	74.9	69.1	78.4	58.9	68.6	90	43	60	60	62	89	62	81	.524	.543	.580	9.23	6.68	.0	5.5	5.0	4.9	5.4
October	30.07	30.42	29.53	52.1	67.1	59.7	71.2	48.6	59.9	84	35	47	47	50	85	51	72	.345	.348	.380	1.73	.73	.0	2.8	3.2	3.3	4.0
November	29.97	30.31	29.52	46.9	56.9	52.1	60.1	44.8	52.4	78	25	43	43	44	86	64	75	.302	.309	.318	3.19	1.08	T	6.9	6.2	6.0	6.5
December	29.94	30.56	29.54	28.1	37.5	34.6	41.1	25.5	33.3	66	6	23	24	25	81	58	69	.137	.139	.147	2.12	.66	12.3	6.2	5.9	5.3	6.1
Year	29.92	30.59	29.27	52.1	62.3	58.0	66.8	47.8	57.3	96	1	46	47	48	81	60	71	.370	.380	.391	50.56	6.68	18.4	5.5	5.6	5.1	5.8

ROCHESTER, N. Y.

[ϕ=43°08′ N.; λ=77°42′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.56	30.19	28.77	22.3	25.2	23.7	30.2	16.2	23.2	55	−2	15	16	15	72	68	69	0.101	0.107	0.102	2.91	1.04	15.5	8.2	8.8	7.9	8.2
February	29.45	30.16	28.89	22.1	26.5	25.5	31.2	17.7	24.4	52	2	16	18	18	76	70	72	.097	.106	.105	2.40	.67	14.1	8.5	8.3	7.2	7.8
March	29.46	30.11	28.91	35.1	40.0	37.8	45.5	30.0	37.8	70	9	25	26	27	67	58	64	.145	.152	.153	1.76	.43	4.3	7.4	7.0	6.7	6.4
April	29.38	29.70	28.82	42.0	47.7	45.2	51.8	37.0	44.4	82	25	32	36	35	69	66	68	.185	.215	.205	1.48	.45	.7	6.8	6.4	5.2	5.8
May	29.46	29.77	29.10	50.8	57.2	54.7	60.9	44.2	52.6	79	33	37	41	39	61	57	57	.230	.265	.248	2.54	.73	.0	4.7	5.2	4.6	4.3
June	29.36	29.67	28.98	64.2	71.2	66.8	75.1	56.4	65.8	87	47	52	54	53	66	57	64	.400	.432	.412	3.31	1.56	.0	5.8	6.5	4.9	5.3
July	29.42	29.73	29.15	73.1	80.5	76.4	84.2	66.9	75.6	94	56	63	66	64	73	62	67	.599	.651	.619	3.51	2.26	.0	5.3	4.9	3.8	4.6
August	29.46	29.75	29.05	68.0	75.4	71.5	78.5	62.1	70.3	92	47	58	58	58	70	56	64	.487	.493	.502	2.75	1.40	.0	4.2	5.8	4.3	5.2
September	29.47	29.78	28.97	57.3	64.5	61.3	68.5	52.3	60.4	87	36	49	49	49	74	59	64	.356	.366	.353	2.50	.80	.0	5.8	6.5	5.6	6.0
October	29.59	30.02	28.78	48.5	56.8	52.3	61.3	43.4	52.4	80	31	38	40	39	69	56	63	.243	.257	.251	2.13	.77	T	5.7	5.9	3.6	5.8
November	29.55	30.03	28.99	40.3	44.7	42.0	47.6	36.3	42.0	73	23	33	33	34	74	65	74	.199	.200	.204	1.01	.36	T	8.2	8.0	7.8	8.3
December	29.46	30.10	28.99	23.4	25.9	25.0	29.0	19.7	24.4	46	3	18	20	19	78	76	75	.108	.115	.112	3.35	1.22	28.6	9.8	9.2	9.3	9.4
Year	29.47	30.19	28.77	45.6	51.3	48.5	55.3	40.2	47.8	94	−2	36	38	38	71	62	67	.262	.280	.272	29.65	2.26	63.2	6.7	6.9	5.9	6.4

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

REDDING, CALIF.

[H=718 ft.; H_b=722 ft.; h_t=20 ft.; h_r=3 ft.; h_a=34 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temperature 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	7.6	NW.	28	S.	0	11	1	2	3	10	4	5	26	0	4	3	24	15	14	4	2	1	7	1	0	0	6	0	0
February	7.0	NW.	25	NW.	0	8	4	2	7	10	2	0	23	0	4	6	18	12	8	0	0	1	6	1	0	0	0	2	0
March	8.8	NW.	30	SE.	0	11	6	1	7	10	6	3	18	0	8	9	14	13	10	3	1	4	0	0	0	0	2	1	0
April	7.5	NW.	29	SE.	0	3	4	1	11	9	6	2	23	1	7	2	21	13	13	0	0	1	4	1	0	0	0	4	0
May	8.1	NW.	23	SE.	0	6	5	1	14	9	2	2	23	0	18	6	7	3	3	0	0	1	0	0	0	3	0	2	0
June	9.8	NW.	24	NW.	0	8	4	0	12	3	4	0	29	0	18	10	2	1	0	0	0	0	0	0	0	15	0	1	0
July	8.4	NW.	25	SW.	0	3	1	0	21	9	3	1	24	0	24	5	2	0	0	0	0	0	0	0	0	19	0	0	0
August	7.7	NW.	20	N.	0	3	1	2	20	7	0	1	28	0	28	2	1	0	0	0	0	0	0	0	0	28	0	0	0
September	7.3	NW.	17	S.	0	6	1	1	18	7	0	2	25	0	22	5	3	2	1	0	0	0	0	0	0	21	0	0	0
October	8.4	NW.	28	NW.	0	11	3	0	9	9	2	2	26	0	19	2	10	4	4	0	0	1	1	0	0	1	1	1	0
November	7.2	NW.	20	N.	0	11	2	2	3	9	3	5	25	0	10	5	15	6	5	0	0	0	0	0	0	0	1	0	0
December	6.7	NW.	20	N.	0	4	5	2	2	8	8	4	28	1	10	4	17	11	9	0	0	0	8	1	0	0	0	0	0
Year	7.9	NW.	30	SE.	0	85	37	14	127	100	40	27	298	2	172	59	134	80	67	7	3	9	26	4	0	87	10	11	0

RENO, NEV.

[H=4,493 ft.; H_b=4,527 ft.; h_t=61 ft.; h_r=53 ft.; h_a=76 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	5.7	W.	27	S.	0	4	2	8	4	13	8	20	3	0	5	19	7	8	7	8	6	0	0	0	2	0	30	0	0
February	6.4	W.	30	SW.	0	5	5	9	3	5	5	15	9	0	8	10	10	5	3	4	3	0	0	0	0	0	19	0	0
March	7.9	W.	32	SW.	2	4	7	5	3	9	6	26	2	0	16	7	8	8	7	12	8	0	0	0	0	0	27	0	0
April	8.4	W.	35	W.	1	2	4	7	1	2	6	32	5	1	5	14	11	7	7	3	1	0	0	0	0	0	5	0	0
May	7.6	W.	31	W.	0	7	7	6	6	2	5	4	25	6	13	13	5	4	3	0	0	0	0	0	0	0	0	2	0
June	7.7	W.	26	W.	0	2	1	3	0	0	13	35	6	0	28	1	1	1	0	0	0	0	0	0	0	3	0	1	0
July	7.2	W.	27	S.	0	1	1	5	1	1	13	37	3	0	23	7	1	1	0	0	0	0	0	0	0	11	0	3	0
August	6.8	W.	23	W.	0	1	2	2	2	3	12	37	3	0	27	3	1	1	1	0	0	0	0	0	0	15	0	1	0
September	5.8	W.	23	W.	0	3	5	6	2	0	13	26	5	0	25	4	1	0	0	0	0	0	0	0	0	8	0	2	0
October	6.5	W.	24	SE.	0	1	6	9	0	3	11	29	3	0	23	6	2	2	1	2	0	0	0	0	0	0	15	1	0
November	4.5	W.	21	NW.	0	7	4	8	2	0	9	18	5	1	16	7	7	3	3	4	3	0	4	0	3	0	25	0	0
December	4.6	W.	24	SW.	0	3	5	9	9	3	9	22	2	0	11	6	14	7	6	3	3	0	1	0	2	0	28	0	0
Year	6.6	W.	35	W.	3	40	49	77	29	50	109	322	52	2	200	97	68	47	38	36	21	0	5	0	7	37	149	10	0

RICHMOND, VA.

[H=162 ft.; H_b=144 ft.; h_t=11 ft.; h_r=3 ft.; h_a=52 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.5	NE.	27	N.	0	4	19	11	4	2	13	7	2	0	7	7	17	9	8	6	4	0	10	7	6	0	21	0	0
February	8.6	SW.	27	W.	0	8	14	1	4	7	13	8	1	0	9	6	13	8	6	2	1	0	10	5	0	0	16	0	0
March	9.8	SW.	31	NW.	0	3	9	10	4	5	20	10	1	0	4	11	16	13	10	1	0	0	3	1	0	0	4	1	0
April	9.1	NE.	26	W.	0	4	17	12	5	5	8	1	8	0	7	8	15	15	12	1	1	0	3	2	0	0	1	1	0
May	7.5	SW.	31	NW.	0	6	9	8	9	14	12	3	1	0	11	8	12	14	11	0	0	0	1	0	0	0	0	4	0
June	7.3	SW.	23	NW.	0	5	10	5	9	6	16	7	2	0	12	14	4	14	11	0	0	1	7	0	0	6	0	13	0
July	6.7	SW.	26	NW.	0	1	4	9	4	7	29	3	5	0	6	11	14	10	8	0	0	0	10	2	0	0	9	6	0
August	6.9	SW.	34	NW.	1	3	7	12	16	4	13	4	3	0	8	14	9	10	9	0	0	0	4	0	0	0	8	0	0
September	5.9	NE.	29	NE.	0	6	12	9	9	6	14	1	1	2	12	4	14	9	8	0	0	0	16	3	0	0	0	3	0
October	7.2	SW.	24	N.	0	2	17	9	8	6	15	2	2	1	14	10	7	6	5	0	0	0	12	5	0	0	0	0	0
November	9.0	NE.	24	N.	0	6	18	8	3	2	13	5	5	0	8	7	15	9	6	1	0	0	13	2	0	0	4	0	0
December	8.8	NW.	29	NW.	0	5	11	5	5	1	10	12	13	0	8	10	13	13	8	5	5	0	1	0	8	0	21	0	0
Year	7.9	SW.	34	NW.	1	53	147	99	80	65	176	63	44	3	106	110	149	130	102	16	11	1	90	27	14	23	67	35	0

ROCHESTER, N. Y.

[H=498 ft.; H_b=523 ft.; h_t=86 ft.; h_r=77 ft.; h_a=102 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.1	SW.	32	SW.	1	5	3	3	5	7	17	10	12	0	2	7	22	23	15	23	16	0	3	2	17	0	26	0	0
February	9.8	W.	29	W.	0	1	4	8	2	4	14	18	5	0	3	8	17	17	11	19	14	0	2	0	14	0	27	0	0
March	9.4	SW.	44	SW.	1	3	5	7	5	7	13	11	11	0	8	7	16	15	11	11	6	0	3	0	4	0	18	1	0
April	8.9	W.	31	SW.	0	8	8	6	5	2	4	16	11	0	9	9	12	14	10	7	4	0	3	2	0	0	6	2	0
May	8.5	NW.	28	W.	0	4	8	5	3	2	8	19	13	0	15	9	7	8	8	0	0	0	3	0	0	0	0	1	0
June	7.6	SW.	24	W.	0	6	7	2	3	6	18	13	5	0	11	11	8	12	10	0	0	0	0	0	0	0	0	2	0
July	7.3	SW.	20	NW.	0	0	6	6	5	4	18	16	8	0	13	12	6	13	9	0	0	0	0	0	0	6	0	10	0
August	6.7	SW.	22	W.	0	6	5	2	6	8	19	9	7	0	9	14	8	8	5	0	0	1	1	0	0	4	0	5	0
September	7.7	SW.	25	W.	0	3	7	4	3	3	20	8	12	0	9	9	12	9	6	0	0	1	0	0	0	0	0	2	0
October	8.5	SW.	28	W.	0	4	1	5	3	8	26	8	7	0	10	9	12	11	8	3	0	0	2	2	0	0	1	1	0
November	8.6	SW.	27	W.	0	10	5	3	2	11	14	11	4	0	2	6	22	12	6	3	0	0	4	0	1	0	9	0	0
December	8.2	W.	25	SW.	0	2	3	4	8	4	14	20	7	0	0	2	29	26	20	24	21	0	4	1	18	0	23	0	0
Year	8.4	SW.	44	SW.	2	52	62	54	50	66	185	159	102	0	91	103	171	168	119	90	61	2	25	7	54	10	110	24	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ROSEBURG, OREG.

[ϕ=43°13′ N.; λ=123°20′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.45	29.86	28.89	36.6	43.4	45.7	49.6	34.0	41.5	68	25	35	36	38	92	75	76	0.203	0.213	0.233	4.36	0.90	8.0	7.0	7.9	8.1	8.8
February	29.60	29.94	29.08	40.2	50.1	53.1	55.9	37.6	46.8	67	27	38	39	39	93	67	61	.234	.239	.243	2.84	.71	.0	6.6	7.7	7.1	8.2
March	29.50	29.90	28.86	37.5	48.2	50.6	53.7	34.6	44.2	70	28	35	36	35	91	65	58	.204	.216	.205	3.16	.70	.7	6.7	7.0	6.9	7.3
April	29.44	29.76	28.96	43.1	57.9	60.5	63.4	41.3	52.4	80	35	41	43	42	92	59	53	.229	.276	.265	2.86	.77	.0	5.7	6.0	6.2	6.4
May	29.53	29.86	29.15	43.3	64.8	69.8	71.6	42.6	57.1	83	36	40	42	39	87	44	35	.244	.265	.243	.11	.08	.0	2.8	2.9	3.6	3.4
June	29.66	29.78	29.13	51.9	71.4	76.1	78.3	51.0	64.6	99	42	46	48	47	82	45	39	.319	.335	.329	.34	.15	.0	5.2	4.3	4.0	4.8
July	29.48	29.08	29.23	55.6	75.1	80.7	82.3	54.3	68.3	104	42	50	50	49	81	43	35	.360	.365	.353	.11	.09	.0	3.4	3.1	3.0	3.0
August	29.44	29.66	29.26	55.0	76.1	85.0	85.8	53.3	69.6	106	44	49	51	48	80	43	29	.349	.379	.340	.36	.34	.0	2.2	2.1	1.0	2.0
September	29.41	29.70	29.12	52.5	76.1	83.3	85.3	50.4	67.8	100	43	48	49	46	84	40	30	.335	.352	.320	.40	.40	.0	1.6	1.6	1.6	2.0
October	29.56	30.00	29.07	45.9	57.9	62.2	64.4	43.7	54.0	93	33	44	40	46	94	65	59	.297	.314	.319	4.05	1.25	.6	4.9	6.0	4.9	6.7
November	29.64	29.97	29.25	38.5	46.3	48.6	51.6	35.8	43.7	62	18	37	38	39	94	73	72	.227	.239	.248	2.57	.97	.0	5.5	7.6	6.5	8.0
December	29.53	29.86	29.07	37.3	42.3	43.2	45.7	35.4	40.6	58	28	36	38	39	96	86	87	.217	.233	.244	4.70	1.71	.0	3.7	8.8	7.9	9.4
Year	29.52	30.00	28.86	44.8	59.1	63.2	65.6	42.8	54.2	106	18	42	43	42	89	59	53	.271	.286	.278	25.85	1.71	9.3	4.6	5.4	5.1	5.8

ROSWELL, N. MEX.

[ϕ=33°24′ N.; λ=104°27′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	26.43	26.84	26.00	34.7	51.0	53.3	59.5	30.4	45.0	73	8	22	22	22	58	33	30	0.121	0.128	0.125	0.06	0.06	T	4.1	4.0	3.9	4.1
February	26.45	26.94	25.96	34.6	50.4	53.7	58.4	30.5	44.4	79	15	22	24	22	62	40	34	.122	.134	.122	.53	.38	0.7	2.5	3.7	2.4	3.9
March	26.29	26.56	26.01	44.2	61.2	64.3	69.0	41.3	55.2	80	26	23	22	19	44	25	20	.125	.121	.106	.57	.57	3.2	4.5	4.4	4.2	5.3
April	26.26	26.77	25.91	50.0	68.4	72.0	75.1	47.2	61.2	90	39	28	25	21	45	21	18	.157	.137	.118	.39	.26	.0	3.2	3.7	2.5	4.6
May	26.27	26.59	25.87	54.2	70.2	72.5	76.0	51.5	63.8	91	32	43	39	38	69	39	32	.286	.245	.212	2.38	1.59	.2	4.8	4.0	2.9	3.8
June	26.30	26.54	26.01	64.7	83.5	86.4	89.3	62.5	75.9	103	52	52	46	42	66	32	26	.401	.334	.289	.95	.84	.0	3.2	2.4	3.6	3.3
July	26.40	26.63	26.18	67.3	86.3	88.6	91.2	65.2	78.2	99	58	56	56	51	69	36	29	.460	.448	.382	.41	.27	.0	2.2	1.2	3.4	2.2
August	26.37	26.56	26.11	68.1	86.1	85.0	90.8	66.8	78.8	99	61	60	57	55	75	39	40	.512	.465	.441	1.33	.40	.0	4.9	3.6	5.1	4.5
September	26.41	26.68	26.23	57.4	73.0	74.3	78.3	55.1	66.7	90	43	52	52	50	83	51	48	.404	.398	.383	2.99	1.11	.0	5.4	4.6	3.6	4.4
October	26.42	26.86	26.15	50.7	69.9	69.9	75.9	48.3	62.1	89	34	40	40	38	70	37	34	.263	.263	.238	.05	.04	T	3.3	3.2	2.9	3.3
November	26.41	26.75	26.00	38.6	56.1	55.0	62.2	34.8	48.5	79	24	27	30	30	65	42	44	.155	.176	.183	.75	.70	T	4.2	4.3	2.7	4.0
December	26.44	26.79	25.99	31.9	46.2	46.0	52.2	29.2	40.7	70	20	26	26	27	80	48	49	.143	.142	.146	.13	.13	T	4.9	4.3	4.5	4.5
Year	26.37	26.94	25.87	49.7	66.9	68.5	73.2	46.9	60.0	103	8	38	37	35	66	37	34	.262	.249	.229	10.54	1.59	4.1	3.9	3.6	3.5	4.0

SACRAMENTO, CALIF.

[ϕ=38°35′ N.; λ=121°30′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	30.02	30.48	29.53	43.0	49.3	51.6	53.1	39.6	46.4	62	30	40	42	43	90	78	73	0.253	0.272	0.281	4.81	1.92	0.0	5.3	5.3	6.0	6.1
February	30.08	30.46	29.70	44.3	53.5	56.8	57.9	42.2	50.0	66	33	41	43	43	89	71	63	.262	.286	.287	1.97	1.66	.0	4.3	6.0	5.4	6.0
March	29.97	30.35	29.59	42.7	55.3	57.9	59.9	40.9	50.4	77	35	38	40	39	84	57	51	.237	.249	.244	2.93	.86	T	3.4	3.7	3.4	3.7
April	29.88	30.15	29.33	50.8	63.5	65.0	67.3	49.8	58.6	80	40	46	47	47	86	57	55	.318	.330	.326	5.81	3.35	.0	4.2	5.4	5.5	5.3
May	29.84	30.06	29.64	51.6	71.4	75.0	77.0	50.8	63.9	96	46	46	46	47	81	44	39	.306	.319	.323	.01	.01	.0	2.4	2.8	2.6	2.9
June	29.78	29.96	29.59	58.9	82.7	85.4	90.4	58.0	74.2	103	50	49	49	47	71	33	26	.345	.356	.329	.00	.00	.0	.6	.4	.6	.5
July	29.80	29.97	29.57	59.9	82.4	88.3	90.3	58.5	74.4	108	52	48	50	46	68	34	26	.341	.363	.319	T	T	.0	.7	.5	1.0	.9
August	29.75	29.90	29.59	60.9	84.2	91.2	93.1	59.6	76.4	109	53	49	51	48	68	34	24	.356	.382	.340	T	T	.0	.7	.7	.6	.6
September	29.80	30.02	29.63	56.4	78.2	85.8	87.4	54.7	71.0	98	50	50	52	49	82	41	30	.368	.392	.352	T	T	.0	.3	.7	1.2	.7
October	29.95	30.27	29.59	51.9	68.9	72.5	74.9	49.8	62.4	88	34	44	42	42	76	41	36	.301	.287	.282	1.22	.75	.0	1.5	1.8	1.8	1.8
November	30.04	30.31	29.68	42.5	56.6	60.1	61.5	40.1	50.8	71	30	38	40	40	85	57	49	.232	.255	.247	.77	.70	.0	2.2	4.0	3.6	4.0
December	30.03	30.27	29.69	41.5	51.4	54.9	56.4	39.0	47.7	65	31	38	40	40	87	66	59	.231	.247	.251	2.18	1.15	.0	4.8	5.1	4.8	5.4
Year	29.91	30.48	29.33	50.4	66.4	70.6	72.4	48.6	60.5	109	30	44	45	44	81	51	44	.296	.312	.298	19.70	3.35	T	2.5	3.0	3.0	3.2

ST. JOSEPH, MO.

[ϕ=39°49′ N.; λ=94°51′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.10	29.65	28.22	25.4	31.4	31.3	39.0	21.4	30.2	63	−9	21	22	24	84	69	75	0.127	0.133	0.144	0.72	0.26	T	5.4	5.8	4.2	5.7
February	29.06	29.59	28.41	30.3	38.3	37.2	42.6	27.7	35.2	65	7	26	28	29	82	67	72	.141	.155	.160	1.10	.52	T	5.0	5.2	4.3	5.1
March	28.89	29.40	28.28	41.7	52.8	52.2	59.5	38.6	49.0	84	12	33	33	33	73	51	53	.203	.205	.201	1.61	1.01	0.1	7.1	4.5	4.0	5.2
April	28.90	29.25	28.50	43.6	55.1	55.8	60.2	41.8	51.0	81	29	36	37	37	77	54	53	.226	.235	.235	3.10	1.11	T	5.8	5.8	4.9	5.9
May	28.93	29.37	28.40	53.3	62.2	61.2	65.8	50.7	58.2	80	39	49	50	51	87	68	72	.362	.383	.392	7.92	1.70	.0	8.4	7.8	7.4	7.7
June	28.87	29.12	28.45	63.6	74.0	74.9	78.6	60.4	69.5	88	44	59	58	60	84	59	60	.511	.501	.535	8.20	2.46	.0	6.7	5.7	4.5	5.6
July	28.95	29.17	28.70	76.0	91.6	91.8	96.1	74.1	85.1	102	64	68	68	69	77	46	48	.696	.683	.710	.11	.11	.0	1.6	2.2	1.3	1.5
August	28.94	29.20	28.64	70.0	83.8	82.9	88.6	68.1	78.4	104	52	62	61	63	76	49	53	.567	.564	.587	1.57	.53	.0	4.3	3.2	3.4	3.7
September	28.98	29.33	28.80	59.9	75.0	71.8	79.1	58.2	68.6	91	40	54	55	56	82	52	59	.427	.447	.463	4.23	2.18	.0	3.4	2.3	2.8	2.9
October	29.08	29.59	28.60	48.2	60.1	56.7	65.3	44.6	55.0	84	27	43	44	44	83	58	66	.300	.314	.317	3.09	.86	.0	5.1	5.0	4.3	5.5
November	29.06	29.43	28.39	35.0	41.5	40.4	46.5	32.3	39.4	67	21	31	32	34	86	70	77	.178	.186	.198	2.71	1.23	.8	6.9	6.9	6.4	6.9
December	29.09	29.54	28.46	25.7	33.5	32.5	38.0	23.1	30.6	56	0	21	23	24	82	64	70	.120	.132	.138	.25	.13	.8	5.1	5.8	4.4	5.6
Year	28.99	29.65	28.22	47.7	58.3	57.4	63.3	45.1	54.2	104	−9	42	43	44	81	59	63	.322	.328	.340	34.61	2.46	1.7	5.4	5.0	4.3	5.1

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ROSEBURG, OREG.

[H=479 ft.; H_b=510 ft.; h_i=45 ft.; h_r=41 ft.; h_a=76 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	3.9	SW.	19	W.	0	5	3	5	6	13	19	4	6	1	0	8	23	15	12	9	8	1	18	9	0	0	4	0	0
February	3.7	SW.	18	SW.	0	13	4	5	4	7	14	3	6	0	1	7	20	13	10	0	0	0	12	9	0	0	3	0	0
March	5.0	SW.	30	SW.	0	13	5	4	4	10	11	3	11	1	3	11	17	14	12	3	3	2	8	1	0	0	7	0	0
April	4.8	N.	20	W.	0	17	5	1	1	4	8	4	14	6	6	11	13	16	13	0	0	1	6	0	0	0	0	1	0
May	5.3	N.	18	N.	0	34	12	2	0	1	1	1	4	7	18	4	9	4	1	0	0	0	0	0	0	0	0	0	0
June	5.2	N.	15	N.	0	30	13	0	2	0	1	5	7	2	12	6	12	5	4	0	0	0	0	0	0	0	3	0	0
July	5.7	N.	19	NE.	0	32	10	0	1	1	1	1	11	5	16	13	2	2	1	0	0	0	0	0	0	0	7	0	0
August	5.2	N.	16	NE.	0	29	11	0	2	0	0	4	9	7	23	8	0	3	1	0	0	0	2	0	0	10	0	1	0
September	4.1	N.	16	SW.	0	24	3	9	0	2	3	9	1	9	22	6	2	1	1	0	0	0	3	1	0	10	0	0	0
October	3.5	N.	21	SW.	0	13	1	6	3	8	15	6	8	2	7	7	17	13	11	2	1	0	20	13	0	1	0	1	0
November	3.6	N.	19	SW.	0	15	2	5	3	7	11	2	12	3	1	8	21	11	8	0	0	0	22	18	0	0	9	0	0
December	3.7	N.	15	W.	0	9	2	9	3	11	10	5	12	1	0	3	28	13	12	0	0	0	25	25	0	0	10	0	0
Year	4.5	N.	30	SW.	0	234	71	46	29	64	94	47	101	44	109	92	164	110	86	14	12	4	116	76	0	31	33	3	0

ROSWELL, N. MEX.

[H=3,561 ft.; H_b=3,566 ft.; h_i=75 ft.; h_r=69 ft.; h_a=85 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	6.9	S.	32	SW.	1	10	5	4	3	16	5	4	14	1	14	8	9	1	1	1	0	0	0	0	0	0	16	1	0
February	7.9	S.	32	NE.	1	12	4	3	2	15	3	7	10	0	14	6	8	5	3	3	3	0	2	2	1	0	16	0	0
March	9.6	S.	43	W.	3	9	5	2	6	16	7	11	6	0	9	11	11	1	1	1	1	0	0	0	0	0	3	0	0
April	10.4	S.	34	NW.	2	3	5	9	9	9	4	8	12	1	13	9	8	3	3	0	0	0	0	0	0	0	0	3	0
May	8.9	S.	34	SW.	1	8	6	4	10	9	10	6	9	0	16	9	6	7	6	2	2	0	0	0	0	0	1	1	8
June	8.8	S.	27	S.	0	3	6	5	9	22	5	5	5	0	17	11	2	3	3	0	0	0	0	0	0	16	0	8	0
July	8.0	S.	28	N.	0	2	3	0	17	25	1	8	5	1	23	7	1	3	2	0	0	0	0	0	0	19	0	9	0
August	6.9	S.	41	SE.	1	4	1	9	11	16	6	8	5	2	12	13	6	8	6	0	0	1	0	0	0	20	0	13	0
September	7.0	S.	24	NE.	0	6	8	4	5	31	0	2	4	0	14	8	8	8	8	0	0	0	0	0	0	1	0	5	0
October	7.3	S.	26	SW.	0	7	6	4	1	26	4	3	6	5	19	6	6	2	1	1	0	0	2	2	0	0	0	2	0
November	7.2	S.	25	E.	0	8	4	4	4	15	5	8	11	1	15	10	5	2	2	2	0	0	2	2	0	0	13	1	0
December	6.9	S.	41	NW.	1	12	4	4	3	20	3	5	10	1	13	9	9	1	1	2	0	0	3	0	0	0	22	2	0
Year	8.0	S.	43	W.	10	84	57	52	80	220	53	75	97	12	179	107	79	44	37	12	6	1	9	6	1	57	71	52	0

SACRAMENTO, CALIF.

[H=25 ft.; H_b=66 ft.; h_i=92 ft.; h_r=83 ft.; h_a=115 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.2	SE.	29	SE.	0	15	5	4	16	8	4	2	4	4	8	10	13	11	10	0	0	0	7	5	0	0	3	2	0
February	6.4	N.	20	NW.	0	8	4	3	5	10	6	1	15	4	7	11	10	8	4	0	0	0	6	4	0	0	0	0	0
March	8.3	S.	25	N.	0	7	5	0	12	12	14	2	8	2	12	16	3	9	9	1	0	3	0	0	0	0	0	1	0
April	7.3	SW.	25	NW.	0	3	3	4	10	17	10	3	10	0	9	13	8	11	11	0	0	1	0	0	0	0	0	1	0
May	8.5	S.	23	NW.	0	4	0	0	6	21	18	0	12	1	18	13	0	1	0	0	0	0	0	0	0	2	0	0	0
June	7.6	S.	19	S.	0	0	0	1	7	23	12	2	10	5	29	1	0	0	0	0	0	0	0	0	0	15	0	0	0
July	8.2	S.	21	S.	0	3	0	0	8	26	21	1	3	0	29	2	0	0	0	0	0	0	0	0	0	15	0	0	0
August	7.3	S.	20	S.	0	1	0	0	11	30	16	0	4	0	29	2	0	0	0	0	0	0	0	0	0	20	0	0	0
September	6.7	S.	20	SW.	0	5	0	1	4	30	15	3	1	1	28	2	0	0	0	0	0	0	0	0	0	12	0	0	0
October	6.5	S.	29	NW.	0	4	3	1	10	10	9	9	11	5	24	6	1	4	4	0	0	0	1	0	0	0	0	2	0
November	5.3	N.	23	NW.	0	14	5	3	10	6	5	1	11	5	16	8	6	5	2	0	0	0	5	3	0	0	1	0	0
December	5.7	N.	30	SE.	0	11	6	7	10	6	3	2	12	5	12	7	12	11	8	0	0	0	8	2	0	0	2	0	0
																													0
Year	7.1	S.	30	SE.	0	75	31	24	109	199	133	26	101	32	221	91	53	60	48	1	0	4	27	14	0	64	6	6	0

ST. JOSEPH, MO.

[H=957 ft.; H_b=967 ft.; h_i=11 ft.; h_r=3 ft.; h_a=49 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.0	SE.	34	NW.	1	8	7	4	11	9	11	2	10	0	12	5	14	5	5	7	0	0	9	3	7	0	25	0	0
February	9.0	N.	32	NW.	1	13	5	4	7	8	7	2	10	0	12	5	11	4	4	6	0	0	6	1	5	0	22	0	0
March	10.8	SW.	41	NW.	1	5	12	2	12	12	9	3	7	0	14	7	10	9	4	3	2	1	3	0	0	0	8	3	0
April	10.0	SE.	35	NW.	1	4	8	10	15	5	6	2	9	1	9	7	14	10	8	1	1	1	3	1	0	0	5	4	0
May	8.2	SE.	27	N.	0	6	10	10	23	2	4	2	5	0	3	9	19	20	17	0	0	1	4	0	0	0	0	8	0
June	7.9	SE.	30	NW.	0	3	3	1	18	7	10	7	11	0	9	13	8	16	13	0	0	1	0	0	0	0	0	12	0
July	7.3	SE.	27	NW.	0	2	2	2	20	18	11	5	2	0	27	4	0	1	1	0	2	0	0	0	0	29	0	5	0
August	7.3	SE.	51	NW.	1	5	3	12	16	12	1	7	4	2	15	9	7	10	8	0	0	0	0	0	0	15	0	6	0
September	7.5	S.	21	NW.	0	7	7	3	8	25	5	3	4	0	21	3	6	7	5	0	0	0	3	0	0	3	0	3	0
October	7.7	SE.	26	NW.	0	7	7	6	17	10	5	3	7	0	12	7	12	13	8	0	0	0	6	2	0	0	4	6	0
November	8.7	S.	30	W.	0	9	4	5	8	13	3	6	12	0	9	2	19	11	8	4	3	0	4	0	1	0	14	1	0
December	8.8	NW.	32	NW.	1	5	3	3	10	11	6	8	16	0	11	8	12	7	2	10	4	0	6	1	8	0	26	0	0
Year	8.5	SE.	51	NW.	6	74	71	62	163	132	78	50	97	3	154	79	132	113	83	31	10	4	44	8	21	47	104	48	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ST. LOUIS, MO.

[ϕ=38°38′ N.; λ=90°12′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.57	30.09	28.81	30.4	36.3	35.9	42.4	25.8	34.1	65	1	25	26	27	78	68	70	0.151	0.161	0.168	2.76	0.96	T	5.6	4.9	5.6	5.7
February	29.48	29.97	28.91	33.1	40.0	39.8	46.6	30.4	38.5	79	13	28	28	29	80	65	67	.154	.163	.169	1.27	.64	0.1	6.3	6.1	6.0	6.5
March	29.36	29.86	28.94	46.1	54.6	53.7	60.7	41.8	51.2	81	23	39	42	43	78	64	69	.259	.283	.297	6.43	2.16	.0	6.6	6.4	6.1	6.4
April	29.33	29.62	28.98	46.8	55.6	55.7	59.9	45.0	52.4	84	32	40	41	44	78	61	68	.255	.270	.302	2.50	.93	T	5.8	5.9	7.4	6.3
May	29.38	29.79	29.02	56.0	64.7	63.8	68.9	53.8	61.4	82	39	50	51	54	82	64	72	.371	.393	.428	7.35	2.18	.0	7.3	7.6	7.4	7.7
June	29.32	29.56	28.86	66.2	75.6	74.8	80.2	62.8	71.5	90	50	59	60	61	80	61	65	.520	.537	.561	4.37	.70	.0	5.7	6.4	5.4	5.7
July	29.40	29.63	29.23	76.7	86.8	84.5	90.6	73.8	82.2	100	68	68	70	70	75	58	64	.689	.730	.746	3.13	1.68	.0	3.1	3.8	4.5	3.8
August	29.38	29.58	29.18	72.3	83.7	82.2	87.4	69.8	78.6	98	56	64	67	67	77	58	60	.627	.690	.679	1.82	.61	.0	4.0	4.4	3.5	4.0
September	29.42	29.57	29.14	63.3	77.1	74.3	81.4	61.5	71.4	93	44	55	56	57	75	49	57	.440	.453	.475	3.35	2.42	.0	2.7	2.4	2.8	2.7
October	29.53	30.01	29.10	52.5	63.5	61.0	67.1	50.2	58.6	84	34	47	49	49	81	62	67	.343	.379	.376	2.56	1.06	.0	4.8	5.2	4.5	5.4
November	29.51	29.99	29.00	39.5	46.1	44.8	50.3	36.4	43.4	76	20	35	37	36	83	71	73	.213	.237	.228	2.71	1.32	T	6.9	6.2	6.0	6.6
December	29.54	30.01	28.96	26.1	30.9	32.1	37.0	23.6	30.3	57	2	21	22	24	81	70	71	.124	.133	.140	1.11	.77	2.8	6.8	6.1	5.9	6.2
Year	29.44	30.09	28.81	50.8	59.6	58.6	64.4	47.9	56.1	100	1	44	46	47	79	63	67	.346	.369	.381	39.36	2.42	2.9	5.5	5.4	5.4	5.6

SALT LAKE CITY, UTAH [1]

[ϕ=40°46′ N.; λ=111°54′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	25.78	26.26	25.06	27.3	38.2	34.2	41.9	27.1	32.0	52	−7	23	28	27	84	61	70	0.119	0.147	0.142	0.17	0.09	2.5	4.6	5.6	4.5	5.3
February	25.84	26.32	25.34	29.5	41.9	40.4	47.0	26.8	36.9	61	14	26	30	29	86	62	62	.137	.157	.158	.75	.23	6.5	4.8	4.6	5.4	5.1
March	25.64	26.04	25.20	34.5	45.0	47.2	49.5	30.3	39.9	70	18	26	26	28	69	45	53	.129	.134	.151	1.20	.41	6.4	4.1	6.7	6.3	6.2
April	25.62	26.00	25.02	42.0	56.2	56.6	60.4	37.5	49.0	79	30	32	31	30	68	28	33	.180	.163	.168	2.33	.49	.1	6.3	6.5	6.6	6.7
May	25.63	25.98	25.35	47.8	62.3	64.0	66.0	43.6	54.8	83	35	39	34	34	68	26	36	.227	.193	.207	2.70	.78	.0	6.1	6.1	6.5	6.2
June	25.66	25.98	25.33	56.8	79.5	81.9	83.9	54.1	69.0	95	41	42	37	35	52	24	19	.275	.220	.227	.17	.17	.0	2.6	2.0	3.7	2.9
July	25.69	25.94	25.47	65.5	89.0	90.3	94.0	62.8	78.4	101	48	41	37	37	44	17	17	.273	.233	.232	.04	.03	.0	2.3	1.6	2.9	2.4
August	25.70	25.89	25.47	64.6	85.6	87.2	90.7	60.6	75.6	101	47	46	43	42	54	25	24	.322	.292	.281	.80	.29	.0	3.1	2.9	3.4	3.6
September	25.74	25.95	25.49	55.8	78.9	79.4	82.8	52.7	67.8	92	37	38	38	36	54	25	23	.233	.233	.214	.54	.39	.0	2.2	2.3	2.3	2.3
October	25.77	26.20	25.12	42.5	62.4	59.3	65.7	37.1	51.4	86	18	28	30	29	60	32	34	.157	.169	.164	.17	.10	.2	2.4	3.1	2.5	3.0
November	25.83	26.20	25.23	29.6	43.2	39.2	46.1	26.5	36.3	57	17	26	29	30	84	59	71	.136	.159	.169	.71	.36	4.6	5.8	6.3	5.6	5.8
December	25.84	26.15	25.34	24.5	37.4	32.9	40.5	20.9	30.7	52	11	22	27	27	88	66	79	.115	.146	.147	.76	.44	9.3	4.3	5.5	5.8	5.8
Year	25.73	26.32	25.02	43.4	60.0	59.4	64.0	39.6	51.8	101	−7	32	32	32	68	39	44	.192	.187	.188	10.34	.78	29.6	4.0	4.4	4.6	4.6

[1] Obeservations taken at airport.

SAN ANTONIO, TEX.

[ϕ=29°27′ N.; λ=98°28′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.38	29.82	29.00	50.8	59.9	61.9	66.5	47.4	57.0	82	18	46	48	47	82	68	60	0.351	0.371	0.354	0.31	0.18	0.0	5.4	6.6	5.6	6.1
February	29.38	29.87	28.92	48.5	60.0	62.2	66.5	46.0	56.2	80	28	41	44	42	77	60	52	.279	.317	.290	1.87	.85	.0	3.5	4.0	4.2	4.3
March	29.22	29.62	28.88	59.1	71.0	72.5	77.6	57.0	67.3	92	42	53	54	52	83	58	53	.440	.443	.419	2.31	1.21	.0	6.2	5.6	5.3	6.2
April	29.15	29.63	28.89	62.8	73.3	75.4	79.7	61.0	70.4	91	48	56	60	58	82	65	58	.486	.539	.511	3.52	1.36	.0	6.3	5.5	5.9	6.5
May	29.14	29.41	28.70	65.2	76.2	78.3	81.8	63.4	72.6	92	47	62	65	65	91	69	66	.576	.620	.635	14.07	6.11	.0	7.2	6.0	5.5	6.1
June	29.18	29.32	28.93	73.2	83.3	83.1	87.3	71.7	79.5	92	66	71	71	71	92	69	68	.749	.769	.758	8.41	4.16	.0	7.0	7.4	5.5	6.3
July	29.24	29.39	29.05	75.0	88.4	88.9	93.5	73.9	83.7	101	70	70	69	67	85	54	51	.731	.719	.672	1.61	1.36	.0	4.6	5.2	5.7	4.9
August	29.21	29.37	29.03	74.9	90.0	91.4	96.0	73.8	84.9	101	68	71	69	69	88	50	48	.751	.701	.700	.98	.60	.0	4.8	3.8	4.2	4.0
September	29.23	29.47	29.03	69.3	81.3	80.5	85.7	68.2	77.0	96	54	66	67	66	89	63	63	.648	.666	.638	5.61	1.69	.0	5.7	6.2	6.1	5.7
October	29.32	29.66	29.08	66.1	77.7	77.6	83.0	64.9	74.0	91	47	63	64	63	91	61	63	.594	.600	.579	1.94	1.24	.0	6.1	5.6	4.3	5.5
November	29.36	29.69	28.97	53.9	64.0	64.0	68.9	51.7	60.3	84	34	48	52	51	82	68	66	.366	.748	.407	.44	.22	.0	7.1	6.8	6.6	7.0
December	29.40	29.80	29.02	46.7	55.2	55.0	59.5	44.5	52.0	75	29	42	45	44	85	71	69	.290	.324	.308	1.86	.45	.0	7.5	7.0	7.5	7.5
Year	29.27	29.87	28.70	62.1	73.4	74.2	78.8	60.3	69.6	101	18	57	59	58	86	63	60	.522	.568	.523	42.93	6.11	.0	6.0	5.8	5.5	5.8

SAN DIEGO, CALIF.

[ϕ=32°43′ N.; λ=117°10′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.98	30.35	29.61	51.7	60.9	59.1	63.1	48.8	56.0	75	42	44	45	46	78	59	65	0.297	0.308	0.318	2.15	0.73	0.0	4.9	7.2	7.0	6.8
February	29.99	30.33	29.53	53.0	62.4	61.9	64.7	50.1	57.4	84	41	45	46	48	77	61	65	.306	.325	.347	4.54	2.01	.0	4.9	4.6	5.7	5.2
March	29.95	30.23	29.64	50.2	58.4	57.9	61.0	48.1	54.6	73	40	44	46	46	81	65	66	.296	.316	.318	1.42	.57	.0	5.0	4.9	5.1	5.4
April	29.88	30.07	29.61	55.6	63.4	61.5	65.8	54.1	60.0	74	44	51	52	52	85	67	72	.376	.389	.390	1.02	.53	.0	6.9	6.5	7.2	6.7
May	29.86	29.96	29.74	58.0	64.4	63.2	66.3	56.8	61.6	77	52	51	52	52	78	64	68	.373	.383	.395	.02	.02	.0	8.3	3.6	4.1	5.0
June	29.80	29.92	29.65	60.5	65.7	64.5	67.6	59.1	63.4	70	56	57	57	57	88	74	77	.459	.472	.462	.06	.00	.0	10.0	3.5	4.5	5.7
July	29.82	29.92	29.69	63.8	71.2	69.8	72.9	62.8	67.8	80	58	60	61	61	89	71	74	.527	.542	.536	T	T	.0	8.0	3.5	3.0	4.2
August	29.77	29.91	29.60	66.7	73.1	71.4	75.5	65.4	70.4	86	61	63	64	64	89	74	77	.583	.593	.588	.18	.18	.0	7.7	4.3	5.6	5.5
September	29.80	29.92	29.64	63.7	70.1	69.1	71.9	62.7	67.3	78	60	60	61	61	88	74	76	.521	.535	.538	.01	.01	.0	7.9	2.0	3.1	4.0
October	29.88	30.03	29.72	59.2	69.0	66.5	71.1	57.1	64.1	84	48	47	50	52	70	57	64	.355	.379	.405	.05	.03	.0	4.9	3.3	3.4	4.0
November	29.95	30.13	29.75	52.7	63.6	60.6	65.8	50.2	58.0	78	44	41	45	49	66	55	68	.265	.310	.353	.07	.05	.0	3.9	4.7	4.8	4.4
December	29.94	30.17	29.72	51.8	63.8	60.2	65.6	49.3	57.4	75	44	42	44	48	72	52	68	.276	.296	.346	.74	.44	.0	4.1	5.3	5.5	5.5
Year	29.88	30.35	29.53	57.2	65.5	63.8	67.6	55.4	61.5	86	40	50	52	53	80	64	70	.386	.404	.416	10.20	2.01	.0	6.4	4.4	4.9	5.2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

ST. LOUIS, MO.

[H=465 ft.; H_b=568 ft.; h_t=179 ft.; h_r=172 ft.; h_a=303 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T. or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	12.1	S.	32	W.	1	9	6	4	5	14	9	4	11	0	12	4	15	9	7	3	0	0	7	6	6	0	22	0	0
February	12.7	NW.	43	SW.	3	10	5	3	3	7	8	7	13	0	8	5	15	7	5	7	2	0	5	2	2	0	18	0	0
March	14.6	SW.	51	S.	6	8	10	1	8	12	15	2	6	0	7	10	14	10	8	0	0	0	7	3	0	0	7	3	0
April	11.8	NE.	35	NW.	2	9	14	7	8	10	2	2	8	0	9	7	14	13	9	2	0	0	3	2	0	0	1	3	0
May	11.2	E.	32	SW.	1	6	11	15	4	12	6	4	3	1	2	10	19	19	17	0	0	2	6	0	0	0	0	12	0
June	11.7	SW.	32	NW.	4	1	4	4	0	17	11	15	7	1	8	12	10	16	14	0	0	1	2	1	0	1	0	12	0
July	8.7	SW.	33	NW.	1	7	4	6	1	12	12	10	9	1	15	11	5	6	6	0	0	0	1	0	0	21	0	11	0
August	9.5	S.	27	SW.	0	9	6	13	0	8	15	7	3	1	13	13	5	6	5	0	0	0	5	0	0	16	0	5	0
September	10.3	SW.	25	SW.	0	8	4	3	3	7	23	5	6	1	21	3	6	6	5	0	0	0	1	0	0	8	0	1	0
October	10.3	S.	36	SW.	1	8	7	6	2	24	3	4	7	1	13	5	13	11	8	0	0	0	8	4	0	0	0	2	0
November	11.7	NW.	30	S.	0	4	5	6	3	14	5	6	17	0	9	4	17	13	9	1	0	0	8	2	1	0	8	1	0
December	12.0	NW.	36	NW.	2	3	2	5	6	13	7	5	21	0	12	2	17	10	6	11	6	0	6	1	9	0	24	0	0
Year	11.4	S.	51	S.	21	82	78	73	43	150	116	71	111	6	129	86	150	126	99	24	8	3	59	21	18	46	80	50	0

SALT LAKE CITY, UTAH [1]

[H=4,222 ft.; H_b=4,227 ft.; h_t=32 ft.; h_r=31 ft.; h_a=46 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T. or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	----	SE.	----	------	----	5	2	2	16	11	4	6	11	5	9	11	11	4	2	10	3	0	10	3	3	0	28	0	0
February	----	SE.	----	------	----	6	4	2	9	5	5	10	10	5	9	12	7	7	4	5	4	0	4	1	0	0	21	0	0
March	----	SE.	----	------	----	5	7	0	12	15	7	3	10	3	7	12	12	10	7	12	6	0	5	0	0	0	18	0	0
April	----	SE.	----	------	----	7	6	1	12	18	5	2	6	3	4	8	18	13	9	3	1	1	3	0	0	0	5	2	0
May	----	SE.	----	------	----	6	13	1	17	7	5	2	10	1	3	15	13	11	9	0	0	0	0	0	0	0	0	3	0
June	----	SE.	----	------	----	7	9	1	19	10	3	0	11	0	22	8	0	1	1	0	0	0	0	0	0	6	0	2	0
July	10.7	SE.	40	W.	1	6	2	2	35	6	3	1	7	0	21	9	1	2	0	0	0	0	0	0	0	27	0	4	0
August	9.9	SE.	53	W.	2	4	3	4	23	10	3	1	13	1	17	10	4	6	6	0	0	1	0	0	0	19	0	9	0
September	8.8	SE.	29	NW.	0	10	3	3	26	2	2	1	9	4	23	3	4	4	4	0	0	1	0	0	0	3	0	4	0
October	9.4	SE.	47	SW.	2	6	10	0	17	13	0	2	10	4	17	11	3	5	2	4	2	0	0	0	0	0	10	0	0
November	6.6	SE.	41	NW.	2	5	4	1	20	2	5	9	12	2	9	9	12	5	5	7	4	0	6	0	1	0	26	1	0
December	6.0	SE.	30	NW.	0	2	0	0	23	8	3	7	12	7	11	4	16	6	5	10	6	0	11	0	0	0	29	0	0
Year	----	SE.	----	------	----	69	63	17	229	107	45	44	121	35	152	112	101	74	54	51	26	3	39	4	4	55	137	25	0

[1] Observations taken at airport.

SAN ANTONIO, TEX.

[H=646 ft.; H_b=693 ft.; h_t=242 ft.; h_r=235 ft.; h_a=301 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T. or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.5	E.	36	NW.	1	8	6	19	8	10	2	7	2	0	7	11	13	5	2	0	0	0	6	4	0	0	4	1	0
February	12.2	N.	37	N.	1	10	6	5	13	6	3	6	7	0	14	6	8	5	4	0	0	0	10	3	0	0	2	3	0
March	13.9	SE.	54	W.	6	3	14	5	22	10	3	1	4	0	5	14	12	8	6	0	0	1	9	4	0	2	0	4	0
April	12.3	E.	44	NW.	3	5	15	19	12	3	2	2	2	0	3	15	12	10	7	0	0	3	8	1	0	1	0	9	0
May	13.3	E.	47	NW.	8	8	7	30	11	1	1	2	2	0	6	11	14	14	13	0	0	4	9	1	0	2	0	19	0
June	11.3	SE.	41	SE.	1	0	7	24	16	11	1	0	0	1	3	18	9	11	10	0	0	0	2	0	0	13	0	9	0
July	10.0	E.	32	S.	1	1	10	20	12	10	1	6	1	1	10	17	4	4	3	0	0	0	2	0	0	30	0	7	0
August	10.3	E.	35	E.	3	5	3	31	9	4	3	3	1	3	12	18	1	3	2	0	0	0	0	0	0	30	0	3	0
September	9.6	NE.	28	NE.	0	6	28	16	6	4	0	0	0	0	7	12	11	12	8	0	0	0	4	0	0	4	0	7	0
October	10.4	SE.	27	NE.	0	0	12	13	15	11	3	5	0	3	8	13	10	5	3	0	0	0	14	6	0	2	0	1	0
November	11.4	NE.	30	NE.	0	5	28	6	4	5	1	4	7	0	5	8	17	8	4	0	0	0	9	2	0	0	0	0	0
December	10.0	NE.	26	NE.	0	9	26	4	5	5	3	4	6	0	6	5	20	11	7	0	0	0	11	3	0	0	2	0	0
Year	11.3	E.	54	W.	24	60	162	192	133	80	23	40	32	8	86	148	131	96	69	0	0	8	84	24	0	84	8	63	0

SAN DIEGO, CALIF.

[H=26 ft.; H_b=87 ft.; h_t=62 ft.; h_r=55 ft.; h_a=70 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T. or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	6.0	NW.	29	W.	0	9	5	11	5	5	2	6	19	0	6	8	17	9	5	0	0	0	4	2	0	0	0	0	0
February	6.1	NW.	25	W.	0	4	5	10	3	2	5	9	18	0	12	5	11	8	7	0	0	0	4	1	0	0	0	0	0
March	6.6	W.	24	S.	0	1	5	12	1	7	11	16	8	1	12	8	11	6	5	0	0	0	0	1	0	0	0	1	0
April	7.2	NW.	25	S.	0	3	5	4	4	4	9	15	16	0	5	11	14	7	5	0	0	0	0	0	0	0	0	0	0
May	7.1	W.	18	SW.	0	1	1	8	4	3	12	25	6	2	11	11	9	1	0	0	0	0	0	0	0	0	0	0	0
June	6.8	S.	21	S.	0	2	4	2	5	18	13	12	4	0	8	14	8	0	0	0	0	0	1	0	0	0	0	0	0
July	6.7	W.	18	S.	0	5	0	0	0	5	12	24	16	0	18	12	1	0	0	0	0	0	2	0	0	0	0	1	0
August	6.6	NW.	18	NW.	0	3	3	0	3	11	6	18	18	0	10	10	11	1	1	0	0	0	2	0	0	0	0	1	0
September	6.3	NW.	21	NW.	0	5	0	0	0	2	8	24	21	0	15	12	3	1	0	0	0	0	1	0	0	0	0	1	0
October	5.9	NW.	17	W.	0	3	7	6	6	4	5	14	17	0	16	8	7	3	0	0	0	0	1	0	0	0	0	0	0
November	5.6	NW.	22	S.	0	7	8	7	4	3	7	6	17	1	13	9	8	2	1	0	0	0	3	0	0	0	0	1	0
December	5.1	NW.	24	E.	0	5	9	12	4	2	1	4	25	0	11	7	13	5	4	0	0	0	0	0	0	0	0	0	0
Year	6.3	NW.	29	W.	0	48	52	72	39	66	91	173	185	4	137	115	113	43	28	0	0	0	18	4	0	0	0	4	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

SANDUSKY, OHIO

[ϕ=41°25′ N.; λ=82°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.46	30.05	28.61	26.5	31.0	----	35.4	20.8	28.1	54	5	21	23	---	80	71	---	0.126	0.137	----	2.24	0.66	0.5	7.0	7.5	----	7.4
February	29.37	29.94	28.88	26.9	31.6	----	34.9	22.8	28.8	52	8	23	25	---	83	74	---	.126	.137	----	1.65	.33	8.9	8.5	8.5	----	8.5
March	29.34	29.90	28.85	38.4	46.0	----	51.5	34.2	42.8	74	18	32	34	---	77	63	---	.187	.204	----	2.07	.49	T	7.5	7.2	----	7.0
April	29.28	29.58	28.74	42.4	47.9	----	52.2	38.6	45.4	78	23	35	36	---	75	64	---	.209	.215	----	1.51	.55	.3	7.2	6.1	----	6.6
May	29.37	29.71	29.05	52.4	59.2	----	62.7	46.2	54.4	84	37	43	43	---	72	58	---	.287	.284	----	3.58	.80	.0	6.9	6.3	----	6.2
June	29.25	29.55	28.80	65.1	72.4	----	76.0	56.9	66.4	88	43	56	56	---	74	58	---	.466	.466	----	2.71	.95	.0	7.0	7.2	----	6.8
July	29.32	29.59	29.08	75.7	83.2	----	86.5	68.4	77.4	96	60	66	65	---	73	57	---	.647	.633	----	5.43	3.87	.0	4.9	5.5	----	5.4
August	29.33	29.61	29.03	70.6	78.0	----	81.7	65.2	73.4	98	46	63	63	---	78	63	---	.599	.605	----	2.76	1.02	.0	6.6	5.9	----	6.4
September	29.38	29.64	28.97	60.8	71.7	----	75.0	55.3	65.2	92	36	52	52	---	73	52	---	.395	.407	----	1.79	.82	.0	4.6	4.3	----	4.6
October	29.49	29.86	28.81	48.2	60.7	----	63.4	43.7	53.6	83	31	40	42	---	75	52	---	.262	.282	----	1.21	.35	T	4.8	5.6	----	5.2
November	29.43	29.95	28.90	40.0	45.1	----	48.6	36.7	42.6	75	23	35	36	---	89	72	---	.210	.222	----	2.21	.67	.7	8.6	9.1	----	8.7
December	29.39	29.90	28.97	24.9	29.1	----	31.3	20.9	26.1	50	−1	22	23	---	86	78	---	.124	.132	----	1.71	.29	10.5	9.3	8.4	----	8.6
Year	29.37	30.05	28.61	47.7	54.7	----	58.3	42.5	50.4	98	−1	41	42	---	77	64	---	.303	.310	----	28.87	3.87	20.9	6.9	6.8	----	6.8

SANDY HOOK, N. J.

[ϕ=40°28′ N.; λ=74°01′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	30.14	30.75	29.47	27.5	30.1	30.3	35.9	23.4	29.6	55	5	22	23	22	77	73	72	0.136	0.139	0.138	3.53	1.32	18.3	5.1	5.1	3.7	5.8
February	30.02	30.71	29.45	29.0	32.9	32.0	37.0	24.9	31.0	54	10	24	25	25	78	72	73	.134	.141	.137	2.87	1.42	7.2	6.6	6.0	3.1	6.1
March	30.04	30.69	29.42	39.2	44.5	43.2	49.7	35.1	42.4	76	22	32	32	34	76	63	71	.189	.188	.201	1.68	.65	1.1	6.1	5.4	4.8	6.0
April	29.86	30.24	29.38	46.2	51.6	47.4	54.6	41.9	48.2	79	32	37	36	38	72	58	72	.229	.220	.235	1.85	.49	T	6.0	6.1	5.5	6.0
May	29.96	30.35	29.53	54.8	61.0	57.6	65.1	50.4	57.8	85	44	44	43	46	69	54	67	.301	.287	.318	1.61	.67	.0	5.5	5.3	5.3	5.5
June	29.92	30.23	29.49	65.5	71.5	67.3	75.0	61.1	68.0	87	55	59	60	60	81	68	80	.509	.519	.533	2.85	1.51	.0	5.4	5.0	6.5	5.3
July	29.97	30.36	29.69	74.2	79.5	75.3	81.7	69.6	75.6	95	63	68	67	68	81	66	80	.689	.666	.705	3.33	1.10	.0	4.8	5.8	5.3	4.7
August	29.99	30.28	29.62	71.0	76.5	73.0	79.3	67.8	73.6	90	58	63	64	65	78	66	76	.601	.611	.622	2.63	1.37	.0	5.6	4.5	5.1	5.4
September	30.03	30.35	29.55	62.3	68.2	65.8	71.6	59.2	65.4	79	46	56	55	57	80	66	74	.462	.454	.476	4.29	2.44	.0	5.8	5.7	2.7	5.3
October	30.17	30.55	29.55	52.9	59.7	57.2	63.0	50.0	56.5	73	42	46	46	48	77	61	72	.320	.324	.348	2.77	1.14	.0	3.3	4.1	3.3	3.9
November	30.07	30.34	29.54	47.8	50.8	49.6	54.2	44.8	49.5	72	24	43	43	44	84	75	80	.294	.300	.303	3.59	1.35	.7	7.8	7.5	6.5	7.9
December	29.99	30.67	29.46	29.1	32.0	31.6	35.3	26.4	30.8	51	12	23	23	24	76	69	71	.132	.134	.135	1.16	.44	6.8	6.5	5.7	5.6	6.4
Year	30.01	30.75	29.38	50.0	54.9	52.5	58.5	46.2	52.4	93	5	43	43	44	77	66	74	.333	.332	.346	32.16	2.44	34.1	5.7	5.5	4.8	5.7

SAN FRANCISCO, CALIF.

[ϕ=37°47′ N.; λ=122°25′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.99	30.31	29.44	47.7	52.5	53.4	55.9	45.6	50.8	65	39	42	42	43	81	68	68	0.271	0.269	0.277	6.23	1.69	0.0	5.0	6.3	7.4	6.6
February	29.98	30.32	29.64	50.0	56.1	56.4	59.8	48.4	54.1	70	44	44	43	44	80	64	65	.289	.283	.291	2.38	1.78	.0	5.7	6.1	6.5	6.7
March	29.89	30.22	29.50	47.8	55.1	55.4	59.1	46.2	52.6	76	41	41	38	40	78	54	58	.259	.235	.252	2.31	.86	T	3.9	4.9	4.7	4.5
April	29.80	30.05	29.27	53.4	61.9	60.6	65.2	52.2	58.7	81	46	48	46	47	82	58	64	.334	.319	.330	3.45	1.57	.0	6.1	6.4	6.3	6.4
May	29.79	29.95	29.62	53.3	62.1	60.7	65.4	52.0	58.7	85	49	45	45	46	76	57	61	.302	.304	.311	.01	.01	.0	5.8	4.9	4.8	4.9
June	29.75	29.90	29.57	54.2	67.2	63.7	69.7	52.9	61.3	89	50	49	50	49	84	56	61	.347	.359	.351	T	T	.0	4.1	2.0	2.0	2.6
July	29.77	29.92	29.55	53.5	65.1	62.3	67.8	52.5	60.2	82	51	50	51	51	89	61	67	.360	.373	.373	T	T	.0	6.1	2.1	2.2	3.4
August	29.72	29.84	29.58	54.4	64.1	61.5	67.0	52.9	60.0	85	50	51	52	52	90	66	72	.374	.391	.394	.25	.25	.0	6.7	3.1	3.5	4.4
September	29.76	29.95	29.60	55.4	64.1	61.4	66.8	54.3	60.6	89	51	52	52	53	90	68	76	.395	.396	.403	.08	.07	.0	8.9	4.6	4.5	5.9
October	29.87	30.12	29.60	55.3	64.8	62.9	68.1	53.8	61.0	80	43	48	45	47	79	53	61	.351	.320	.336	1.44	.98	.0	4.5	2.6	2.7	3.2
November	29.92	30.19	29.37	50.1	58.3	57.2	61.5	48.2	54.8	71	42	43	42	42	78	55	60	.282	.267	.270	1.24	1.08	.0	4.3	4.3	4.1	4.2
December	29.91	30.16	29.59	49.0	55.1	55.4	58.2	47.5	52.8	63	43	44	42	43	83	63	64	.287	.270	.280	3.25	1.33	.0	4.1	5.7	5.4	5.8
Year	29.84	30.32	29.27	52.0	60.5	59.2	63.7	50.5	57.1	89	39	46	46	46	82	60	65	.321	.316	.322	20.64	1.78	T	5.4	4.4	4.5	4.9

SAN JUAN, P. R.

[ϕ=18°28′ N.; λ=66°7′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: 8 a. m.	Cloudiness: Noon, local time	Cloudiness: 8 p. m.	Cloudiness: Daylight
January	29.90	30.05	29.74	73.4	78.0	----	79.5	69.4	74.4	85	65	68	69	---	82	75	---	0.674	0.717	----	3.11	1.39	0.0	4.9	5.2	----	4.9
February	29.95	30.05	29.84	74.0	77.3	----	78.8	69.4	74.1	82	65	69	71	---	85	82	---	.715	.760	----	6.46	2.44	.0	5.0	5.3	----	5.2
March	29.98	30.12	29.80	75.5	78.1	----	79.5	70.1	74.8	87	66	68	70	---	79	77	---	.696	.736	----	1.18	.46	.0	4.5	4.1	----	4.4
April	29.89	30.01	29.78	77.8	79.3	----	81.8	70.6	76.2	85	66	70	71	---	78	76	---	.735	.766	----	.42	.25	.0	4.3	4.9	----	5.2
May	29.91	30.05	29.78	79.3	80.4	----	82.4	73.2	77.8	87	69	72	72	---	78	76	---	.776	.792	----	5.08	1.32	.0	6.1	6.3	----	6.5
June	29.93	30.02	29.83	81.1	81.6	----	83.7	74.7	79.2	89	73	73	74	---	76	77	---	.805	.831	----	3.12	1.11	.0	5.2	5.1	----	5.6
July	29.94	30.04	29.80	81.6	82.9	----	84.3	75.6	80.0	89	72	75	75	---	80	78	---	.863	.872	----	4.66	1.91	.0	5.6	4.9	----	5.7
August	29.87	30.01	29.76	81.7	83.8	----	85.2	75.5	80.4	89	72	75	76	---	80	76	---	.866	.881	----	5.12	1.42	.0	5.3	5.6	----	5.8
September	29.87	30.00	29.75	81.9	83.9	----	85.5	75.1	80.3	89	70	76	77	---	82	80	---	.896	.934	----	6.42	1.43	.0	5.7	5.9	----	6.3
October	29.83	29.97	29.70	79.8	82.2	----	83.9	74.2	79.0	87	72	73	74	---	81	77	---	.821	.847	----	6.11	1.19	.0	5.4	5.9	----	6.1
November	29.84	29.95	29.74	78.0	81.1	----	82.2	73.2	77.7	85	68	71	73	---	80	77	---	.765	.813	----	5.16	1.88	.0	4.5	4.3	----	4.8
December	29.91	30.01	29.80	75.7	79.3	----	81.2	71.0	76.1	85	67	72	73	---	88	82	---	.773	.817	----	2.08	.57	.0	4.7	5.3	----	5.0
Year	29.90	30.12	29.70	78.3	80.7	----	82.3	72.7	77.5	89	65	72	73	---	81	78	---	.782	.814	----	48.92	2.44	.0	5.1	5.2	----	5.5

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

SANDUSKY, OHIO

[H=603 ft.; H_b=629 ft.; h_t=5 ft.; h_r=3 ft.; h_a=67 ft.]

Month	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Wind: Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	10.7	W.	32	SW.	1	5	2	4	0	7	7	1	5	0	5	8	18	12	8	15	3	0	5	3	14	0	25	1	0
February	10.5	SW.	25	NE.	0	2	1	5	0	3	7	3	7	0	1	6	21	16	9	16	13	0	4	0	9	0	26	0	0
March	11.3	SW.	35	SW.	2	2	6	3	2	5	7	3	3	0	4	12	15	14	10	6	1	0	3	0	1	0	12	2	0
April	9.9	NE.	34	NW.	1	3	10	4	1	2	3	5	2	0	7	6	17	8	7	4	2	0	3	0	0	0	3	1	0
May	8.4	NE.	22	NE.	0	6	4	8	1	4	2	5	1	0	8	7	16	12	10	0	0	0	0	0	0	0	0	3	0
June	8.2	SW.	22	SW.	0	1	0	6	0	6	12	5	0	0	4	11	15	17	10	0	0	0	0	0	0	0	0	4	0
July	7.1	SW.	18	SW.	0	4	3	3	1	4	12	3	1	0	8	12	11	12	8	0	0	1	0	0	0	11	0	10	0
August	7.2	SW.	30	NW.	0	4	1	1	5	6	8	5	1	0	5	11	15	15	12	0	0	0	0	0	0	3	0	9	0
September	8.3	SW.	25	SW.	0	4	4	1	3	3	14	0	1	0	10	12	8	8	6	0	0	0	0	0	0	2	0	1	0
October	8.7	SW.	30	W.	0	1	1	2	4	10	8	3	2	0	9	12	10	9	7	1	0	0	3	0	0	0	1	0	0
November	9.9	SW.	24	SW.	0	4	2	2	3	5	9	3	2	0	2	5	23	17	10	5	2	0	5	0	2	0	9	0	0
December	9.8	SW.	27	NW.	0	1	1	3	2	6	7	5	6	0	1	6	24	18	11	21	15	0	4	1	16	0	27	0	0
Year	9.2	SW.	35	SW.	4	37	35	42	22	61	96	41	31	0	64	108	193	158	108	68	36	1	27	4	42	16	103	31	0

SANDY HOOK, N. J.

[H=15 ft.; H_b=22 ft.; h_t=10 ft.; h_r=3 ft.; h_a=57 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	15.7	NW.	44	NW.	11	9	4	5	3	9	7	6	19	0	13	3	15	13	9	11	7	0	10	9	9	0	24	0	0
February	14.8	W.	35	N.	6	5	7	6	1	4	11	11	11	0	8	9	11	11	10	10	8	0	12	5	6	0	23	0	0
March	14.3	SW.	44	SW.	8	5	6	4	2	10	15	11	9	0	10	6	15	9	7	4	2	0	12	3	0	0	10	1	0
April	16.2	NE.	48	NE.	6	6	12	5	5	3	9	10	10	0	7	13	10	13	9	2	1	0	8	2	0	0	0	2	0
May	12.2	S.	44	NW.	2	9	5	3	3	16	10	10	6	0	10	8	13	9	6	0	0	0	9	2	0	0	0	4	0
June	11.3	S.	33	N.	1	6	9	3	7	15	7	10	3	0	11	8	11	13	9	0	0	0	18	3	0	0	0	3	0
July	10.8	SW.	37	S.	4	0	7	4	5	19	16	6	5	0	10	12	9	12	10	0	0	0	16	0	0	2	0	10	0
August	10.6	S.	29	N.	0	7	7	6	11	13	7	1	10	0	11	9	11	7	7	0	0	0	18	0	0	1	0	6	0
September	12.9	SW.	40	N.	3	5	11	2	2	11	16	6	7	0	11	9	10	7	7	0	0	0	19	0	0	0	0	1	0
October	13.7	W.	43	S.	6	5	6	3	6	13	9	10	10	0	17	6	8	9	8	0	0	0	18	3	0	0	0	1	0
November	16.8	N.	55	NE.	7	12	11	3	3	13	4	8	6	0	6	0	24	15	11	2	2	0	15	3	0	0	3	0	0
December	17.9	NW.	43	NW.	12	7	9	0	2	3	8	15	18	0	11	3	17	13	5	12	10	0	13	2	12	0	21	0	0
Year	13.9	SW.	55	NE.	66	76	94	44	50	129	119	104	114	0	125	86	154	131	98	41	30	0	168	32	27	3	81	28	0

SAN FRANCISCO, CALIF.

[H=17 ft.; H_b=155 ft.; h_t=208 ft.; h_r=202 ft.; h_a=243 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	6.1	SE.	28	NW.	0	12	7	3	7	10	4	8	11	0	6	9	16	14	14	0	0	1	3	0	0	0	0	0	0
February	6.3	NW.	26	NW.	0	11	2	4	6	7	1	10	13	2	6	7	15	9	7	0	0	0	2	0	0	0	0	0	0
March	7.7	W.	28	S.	0	6	4	2	5	6	8	22	9	0	13	9	9	12	9	1	0	2	0	0	0	0	0	0	0
April	7.3	W.	29	NW.	0	2	3	2	6	9	15	18	5	0	6	7	17	12	8	0	0	0	2	0	0	0	0	0	0
May	8.3	SW.	30	NW.	0	0	2	1	1	6	19	27	4	2	13	10	8	1	0	0	0	0	0	0	0	0	0	0	0
June	8.6	SW.	27	W.	0	1	0	1	0	5	18	30	2	3	22	5	3	0	0	0	0	0	2	0	0	0	0	0	0
July	8.3	SW.	26	SW.	0	0	0	0	0	3	35	21	2	1	18	8	5	0	0	0	0	0	0	0	0	0	0	0	0
August	7.8	SW.	27	NW.	0	0	0	0	0	3	39	18	2	0	13	12	6	1	1	0	0	0	0	0	0	0	0	0	0
September	6.7	SW.	19	SW.	0	0	1	0	2	5	24	27	0	1	6	14	10	3	1	0	0	0	1	0	0	0	0	0	0
October	6.7	W.	30	NE.	0	10	3	2	2	5	13	23	4	0	16	12	3	5	4	0	0	1	1	0	0	0	0	2	0
November	5.4	N.	41	N.	1	9	7	2	9	5	3	13	10	2	16	5	9	4	3	0	0	0	5	2	0	0	0	0	0
December	5.1	N.	22	S.	0	13	10	0	11	6	1	5	15	1	12	5	14	11	8	0	0	0	6	2	0	0	0	0	0
Year	7.0	SW.	41	N.	1	64	39	17	49	70	180	222	77	12	147	103	115	72	55	1	0	4	22	4	0	0	0	2	0

SAN JUAN, P. R.

[H=47 ft.; H_b=82 ft.; h_t=9 ft.; h_r=1 ft.; h_a=54 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.6	E.	32	E.	1	1	7	5	6	7	5	0	0	0	9	17	5	13	9	0	0	0	0	0	0	0	0	0	0
February	11.8	E.	29	NE.	0	0	0	13	6	7	2	0	0	0	8	16	4	16	11	0	0	0	0	0	0	0	0	2	0
March	15.1	E.	38	NE.	2	1	6	14	6	4	0	0	0	0	11	19	1	13	6	0	0	0	0	0	0	0	0	0	0
April	11.0	E.	27	E.	0	0	2	18	6	3	0	1	0	0	6	23	1	5	5	0	0	0	0	0	0	0	0	0	0
May	12.0	E.	28	SW.	0	0	2	22	5	1	0	1	0	0	5	14	12	15	9	0	0	0	0	0	0	0	0	3	0
June	11.7	E.	31	E.	0	0	1	26	3	0	0	0	0	0	1	25	4	15	12	0	0	0	0	0	0	0	0	4	0
July	14.3	E.	29	E.	0	0	0	31	0	0	0	0	0	0	2	26	3	18	15	0	0	0	0	0	0	0	0	7	0
August	11.5	E.	33	E.	3	0	3	16	2	9	0	1	0	0	3	22	6	20	14	0	0	0	0	0	0	0	0	10	0
September	11.3	E.	30	NE.	0	1	0	20	7	2	0	0	0	0	0	25	5	18	13	0	0	0	0	0	0	0	0	12	0
October	9.2	E.	27	NE.	0	0	2	9	6	12	2	0	0	0	4	20	7	19	15	0	0	0	0	0	0	0	0	5	0
November	9.5	NE.	28	NE.	0	2	5	1	13	3	6	0	0	0	5	21	4	16	13	0	0	0	0	0	0	0	0	2	0
December	9.7	E.	40	NE.	2	0	3	6	21	1	0	0	0	0	8	20	3	12	10	0	0	0	0	0	0	0	0	0	0
Year	11.5	E.	40	NE.	8	5	31	181	81	49	15	3	0	0	62	248	55	180	132	0	0	0	0	0	0	0	0	45	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

SANTA FE, N. MEX.

[ϕ=35°41′ N.; λ=105°57′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	23.27	23.65	22.80	28.3	40.5	37.0	44.7	24.7	34.7	58	−1	21	26	27	71	56	67	0.113	0.145	0.149	1.11	0.67	4.2	3.1	4.6	4.5	4.6
February	23.27	23.72	22.82	27.0	39.3	40.2	44.8	24.2	34.5	59	7	20	26	26	72	60	59	.105	.138	.139	.56	.18	7.5	3.9	2.4	4.6	5.2
March	23.16	23.46	22.87	32.5	47.2	48.6	52.2	29.3	40.8	65	16	20	23	23	58	38	38	.105	.121	.122	.06	.04	.2	4.3	2.8	5.6	5.5
April	23.17	23.55	22.89	38.3	53.3	54.0	57.9	35.6	46.8	71	26	23	29	30	53	41	41	.122	.163	.165	1.02	.64	1.0	4.3	4.7	6.8	5.4
May	23.19	23.38	22.80	44.5	56.7	57.7	60.9	40.9	50.9	74	28	32	33	31	63	45	43	.180	.187	.173	2.72	.87	4.9	5.7	1.1	6.5	6.0
June	23.28	23.41	23.10	56.4	74.4	75.4	79.8	52.6	66.2	88	44	35	35	31	46	25	22	.209	.104	.182	.07	.06	.0	1.7	2.8	5.5	3.1
July	23.39	23.59	23.23	61.0	78.0	76.0	83.0	58.1	70.6	89	52	46	45	45	59	32	37	.313	.300	.308	1.89	.63	.0	2.4	4.6	7.8	5.2
August	23.37	23.53	23.18	58.4	74.7	71.1	78.7	56.6	67.6	85	52	50	51	50	74	45	52	.359	.376	.374	2.03	.44	.0	5.2	5.3	7.4	5.8
September	23.35	23.45	23.16	51.5	69.5	68.0	73.4	49.5	61.4	83	32	40	42	40	68	39	41	.254	.268	.258	.99	.54	T	3.8	4.0	4.6	4.2
October	23.32	23.59	23.01	42.1	59.5	56.9	63.3	39.7	51.5	76	23	30	32	33	63	38	42	.172	.186	.193	.58	.39	1.2	2.2	3.0	3.6	2.7
November	23.26	23.50	22.95	32.0	45.1	41.1	49.2	28.2	38.7	62	17	21	24	23	63	44	49	.113	.127	.123	1.50	1.17	2.8	3.5	3.5	4.2	3.7
December	23.25	23.51	22.93	25.0	36.4	33.2	40.4	22.1	31.2	49	14	18	22	22	73	56	61	.096	.118	.116	.36	.24	3.2	2.3	3.6	4.6	3.8
Year	23.27	23.72	22.80	41.4	56.2	54.9	60.7	38.5	49.6	89	−1	30	32	32	64	43	46	.178	.186	.192	12.89	1.17	25.0	3.5	3.5	5.5	4.6

SAULT STE. MARIE, MICH.

[ϕ=46°30′ N.; λ=84°21′ W.]

Month	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	Total snowfall	8 a. m.	Noon, local time	8 p. m.	Daylight
January	29.41	30.08	28.41	10.8	13.1	13.7	19.8	3.4	11.6	40	−25	8	9	10	90	81	84	0.073	0.071	0.075	3.35	0.65	52.5	8.3	7.5	8.0	8.0
February	29.36	30.01	28.81	8.6	18.5	17.5	24.3	3.0	13.6	39	−17	6	12	13	90	74	80	.065	.079	.080	.66	.15	8.0	6.2	6.2	5.1	6.8
March	29.31	29.98	28.65	21.8	30.0	28.1	33.6	17.5	25.6	46	0	18	21	21	86	68	74	.106	.116	.116	2.12	.55	13.9	7.1	7.4	6.3	7.0
April	29.35	29.72	28.53	34.5	44.8	40.1	49.1	30.1	39.6	67	18	25	28	27	68	53	60	.140	.155	.147	.76	.44	2.5	5.6	5.6	5.2	5.3
May	29.40	29.77	29.08	43.7	52.3	49.5	55.8	36.7	46.2	79	29	33	33	33	67	50	54	.196	.194	.191	1.12	.53	.0	4.4	4.4	4.3	4.3
June	29.20	29.58	28.81	53.5	63.0	58.7	66.4	46.3	56.4	82	38	46	48	48	78	62	70	.317	.346	.339	5.15	1.58	.0	6.1	6.5	7.9	6.8
July	29.28	29.63	28.93	65.2	76.2	71.2	80.0	58.1	69.0	93	51	58	60	58	80	60	66	.497	.535	.500	.82	.37	.0	5.6	5.0	4.7	5.2
August	29.31	29.70	28.85	61.5	70.5	65.9	73.1	56.1	64.6	86	40	56	57	57	84	64	73	.469	.481	.477	2.65	.46	.0	5.3	5.9	5.0	5.9
September	29.32	29.70	28.67	49.9	57.6	54.0	61.2	45.4	53.3	80	34	45	46	47	84	66	78	.312	.319	.333	3.08	.67	.0	6.3	7.6	5.9	7.0
October	29.40	29.91	28.43	42.1	49.4	45.5	52.4	38.7	45.6	66	27	38	37	39	85	66	79	.231	.232	.246	2.50	.60	T	7.0	7.9	6.8	7.4
November	29.38	29.94	28.60	30.0	34.3	32.3	38.0	25.7	31.8	53	7	26	28	28	85	78	82	.149	.160	.154	3.38	.81	14.6	7.9	7.7	7.2	7.7
December	29.39	29.81	28.97	16.1	20.5	20.2	25.3	11.2	18.2	37	−13	13	15	17	87	78	85	.088	.094	.101	.99	.22	9.4	8.8	7.7	7.6	8.3
Year	29.34	30.08	28.41	36.5	44.2	41.4	48.2	31.0	39.6	93	−25	31	33	33	82	67	74	.220	.232	.230	26.58	1.58	100.9	6.6	6.6	6.2	6.6

SAVANNAH, GA.

[ϕ=32°5′ N.; λ=81°5′ W.]

Month	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	Total snowfall	8 a. m.	Noon, local time	8 p. m.	Daylight
January	30.08	30.46	29.65	46.7	56.4	53.1	63.3	44.4	53.8	79	26	41	43	43	79	60	69	0.286	0.318	0.306	2.98	1.34	T	5.4	4.6	4.0	4.8
February	30.05	30.55	29.55	45.4	59.3	54.1	63.9	43.4	53.6	78	27	39	43	42	79	56	66	.271	.300	.293	2.12	.71	0.0	4.1	3.7	3.1	4.1
March	30.06	30.47	29.50	58.3	72.6	64.4	76.5	55.3	65.9	92	34	52	54	55	80	53	73	.408	.432	.444	1.91	.94	.0	5.4	4.6	4.2	4.9
April	29.86	30.09	29.54	62.6	74.2	67.3	77.8	58.7	68.2	88	44	56	55	56	80	53	69	.474	.455	.464	3.29	1.65	.0	4.6	5.0	3.7	4.8
May	29.95	30.17	29.65	71.6	81.5	74.4	84.5	66.5	75.5	94	57	64	62	64	76	54	72	.598	.568	.612	1.89	.91	.0	4.5	5.7	4.8	5.1
June	29.92	30.09	29.71	78.3	87.4	79.8	90.6	72.3	81.4	98	68	68	66	69	72	50	71	.702	.643	.709	1.50	.44	.0	4.3	6.1	5.8	5.4
July	29.96	30.22	29.65	78.2	85.6	78.7	88.7	73.5	81.1	97	70	73	72	73	84	66	83	.803	.795	.813	8.08	1.77	.0	5.7	7.4	6.6	7.0
August	29.92	30.05	29.78	77.8	86.3	80.2	90.0	74.2	82.1	99	70	73	72	73	86	65	80	.820	.795	.820	8.15	3.07	.0	6.5	6.9	5.5	6.4
September	29.92	30.16	29.38	72.1	81.3	74.8	84.4	69.0	76.7	90	62	69	70	70	91	70	86	.727	.734	.741	11.67	3.29	.0	6.4	6.4	6.0	6.2
October	30.09	30.36	29.72	63.2	77.3	68.2	80.2	60.4	70.3	88	47	59	58	61	86	54	79	.521	.513	.558	.31	.31	.0	3.0	3.8	1.7	3.8
November	30.03	30.44	29.78	55.4	66.6	61.0	70.0	53.5	61.8	84	31	51	52	53	85	62	76	.415	.431	.440	.30	.13	.0	4.1	4.9	3.7	4.9
December	30.06	30.47	29.44	39.0	50.8	46.8	55.4	36.9	46.2	71	20	32	36	36	77	59	67	.201	.230	.227	1.69	.75	.0	5.6	5.1	4.5	4.9
Year	29.99	30.55	29.38	62.4	73.4	66.9	77.1	59.0	68.0	99	20	56	57	58	81	58	74	.519	.518	.536	43.89	3.29	T	5.0	5.4	4.5	5.2

SCRANTON, PA.

[ϕ=41°24′ N.; λ=75°42′ W.]

Month	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	Total snowfall	8 a. m.	Noon, local time	8 p. m.	Daylight
January	29.28	29.84	28.65	21.9	27.4	26.6	32.1	17.4	24.8	54	−7	19	20	18	86	72	69	0.120	0.127	0.121	2.03	0.51	18.3	7.1	7.0	6.3	6.8
February	29.15	29.83	28.62	24.1	30.5	30.3	35.4	20.0	27.7	56	−1	19	21	21	79	67	68	.114	.119	.123	1.87	.55	11.5	7.6	7.7	6.0	6.6
March	29.18	29.84	28.55	34.5	43.5	42.2	49.5	29.5	39.5	73	10	27	28	28	74	56	59	.150	.161	.163	2.02	.60	5.8	6.7	6.8	4.7	6.1
April	29.04	29.34	28.60	41.2	51.4	48.4	54.8	37.3	46.0	86	27	32	31	33	69	49	57	.184	.174	.191	3.50	1.19	3.6	6.7	7.6	6.1	6.8
May	29.14	29.47	28.69	50.9	61.3	58.6	65.3	44.6	55.0	82	35	39	38	37	64	44	48	.246	.239	.234	2.84	.87	.0	6.4	6.9	5.7	5.8
June	29.09	29.41	28.67	63.7	73.8	70.5	78.0	57.3	67.6	89	49	54	52	54	72	49	58	.422	.400	.426	4.33	1.25	.0	5.3	6.2	6.5	5.7
July	29.15	29.51	28.91	70.6	81.4	77.6	84.9	64.7	74.8	94	56	62	62	63	76	53	63	.575	.566	.591	7.91	3.80	.0	5.6	6.1	5.9	5.5
August	29.18	29.43	28.85	65.8	76.7	72.0	80.5	61.0	70.8	92	48	58	58	59	78	53	65	.500	.493	.519	4.95	2.37	.0	5.5	6.2	5.5	5.8
September	29.20	29.48	28.74	54.6	66.8	61.9	70.2	50.1	60.2	81	37	50	50	52	84	57	70	.365	.376	.393	3.52	1.11	.0	6.1	6.2	4.4	5.8
October	29.32	29.71	28.64	45.8	59.7	54.3	63.6	41.5	52.6	75	28	39	40	41	79	50	63	.257	.269	.275	3.43	2.04	.0	4.8	5.6	3.0	5.0
November	29.25	29.59	28.76	41.1	46.5	44.7	49.7	37.7	43.7	76	20	36	37	37	83	71	74	.232	.241	.237	6.16	2.27	12.9	7.9	8.3	7.7	7.8
December	29.14	29.80	28.68	23.5	26.9	26.5	30.2	20.4	25.3	49	3	18	18	17	77	67	66	.108	.110	.105	1.65	.27	12.0	8.3	7.6	6.9	7.8
Year	29.18	29.84	28.55	44.8	53.8	51.1	57.8	40.1	49.0	94	−7	38	38	38	77	57	63	.273	.273	2.82	44.21	3.80	64.1	6.5	6.8	5.7	6.3

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

SANTA FE, N. MEX.

[H=6,994 ft.; H_b=7,013 ft.; h_t=38 ft.; h_r=31 ft.; h_a=53 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temperature: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	6.5	NE.	30	SW.	0	11	17	9	7	4	5	2	5	2	13	10	8	7	5	4	4	0	0	0	2	0	26	0	0
February	5.7	E.	20	N.	0	10	7	9	7	9	7	4	3	0	11	6	11	9	5	12	8	1	0	1	3	0	26	0	0
March	8.0	N.	25	N.	0	12	6	10	7	3	7	13	4	0	10	8	13	2	1	6	1	0	0	0	0	0	22	0	0
April	7.5	SW.	24	S.	0	7	6	9	15	5	1	12	4	1	8	15	7	5	3	3	3	1	0	0	0	0	11	1	0
May	6.9	SW.	22	NW.	0	4	10	5	14	4	10	10	3	2	8	10	13	12	10	4	4	0	0	0	0	0	4	2	0
June	6.5	E.	25	NE.	0	6	8	16	8	3	7	5	3	4	18	10	2	2	1	0	0	0	0	0	0	0	0	1	0
July	6.1	E.	22	N.	0	3	9	19	10	8	5	1	3	4	5	22	4	11	9	0	0	0	0	0	0	0	0	8	0
August	5.7	E.	21	SW.	0	6	11	22	5	9	7	2	0	0	5	19	7	17	11	0	0	0	0	1	0	0	0	13	0
September	5.7	E.	14	SW.	0	8	6	19	6	4	9	5	2	1	14	11	5	8	6	1	0	0	0	1	0	0	0	3	0
October	6.2	E.	18	S.	0	5	5	17	11	4	11	5	2	2	22	7	2	5	4	2	2	1	0	0	0	0	6	1	0
November	6.0	N.	18	W.	0	10	12	11	7	4	5	4	3	4	14	12	4	4	3	7	4	0	1	1	0	0	24	0	0
December	5.9	N.	21	N.	0	16	17	8	7	2	3	3	4	2	18	9	4	4	3	7	4	0	1	0	0	0	31	0	0
Year	6.4	E.	30	SW.	0	98	114	154	104	59	77	66	36	22	146	139	80	86	61	46	30	4	2	4	5	0	150	29	0

SAULT STE. MARIE, MICH.

[H=607 ft.; H_b=614 ft.; h_t=11 ft.; h_r=3 ft.; h_a=52 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.9	SE.	38	NW.	3	2	8	12	13	3	6	4	10	4	4	5	22	20	17	22	20	0	9	3	26	0	30	0	0
February	7.7	SE.	32	NW.	1	3	6	8	12	3	6	7	9	2	8	6	14	13	7	15	11	0	15	4	23	0	28	0	1
March	8.8	SE.	28	SE.	0	3	4	8	19	2	5	7	14	0	3	14	14	17	11	20	15	0	10	2	14	0	31	0	2
April	7.9	NW.	35	NW.	1	7	7	12	10	0	2	10	12	0	10	11	9	8	4	5	3	1	2	0	0	0	18	0	2
May	8.7	NW.	26	NW.	0	5	5	5	6	0	5	15	20	1	14	9	8	5	4	0	0	0	5	0	0	0	6	0	1
June	6.6	W.	19	NW.	0	2	4	8	13	3	7	16	6	1	5	8	17	16	10	0	0	0	13	1	0	0	0	5	0
July	6.5	W.	21	NW.	0	1	1	6	5	4	10	19	14	2	12	8	11	8	4	0	0	0	8	1	0	2	0	5	0
August	7.1	SE.	22	NW.	0	5	1	12	17	7	3	2	15	0	7	13	11	11	10	0	0	0	17	3	0	0	0	5	1
September	7.7	NW.	32	NW.	1	6	4	6	13	7	3	3	16	2	5	10	15	17	12	1	0	0	13	2	0	0	0	4	2
October	8.7	SE.	37	NW.	3	6	5	5	18	4	11	3	10	0	1	14	16	15	11	6	0	0	18	1	0	0	4	2	3
November	8.4	SE.	26	NW.	0	9	5	5	15	7	7	4	7	1	5	4	21	19	16	18	15	0	6	0	3	0	23	0	0
December	7.4	N.	24	NW.	0	14	11	7	14	4	6	2	4	0	3	5	23	19	10	22	18	0	9	1	21	0	30	0	1
Year	7.9	SE.	38	NW.	9	63	61	94	155	44	71	92	137	13	77	107	181	168	116	109	82	1	125	18	87	2	170	21	13

SAVANNAH, GA.

[H=42 ft.; H_b=65 ft.; h_t=73 ft.; h_r=71 ft.; h_a=152 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.5	NE.	31	W.	0	12	17	5	0	8	6	8	6	0	13	8	10	10	8	1	0	0	4	1	0	0	7	0	0
February	11.4	W.	32	W.	1	7	6	6	2	9	10	13	3	0	14	6	8	6	5	0	0	0	6	2	0	0	4	2	0
March	11.9	S.	40	NW.	3	4	6	6	6	16	10	12	2	0	11	11	9	7	5	0	0	0	5	1	0	3	0	4	0
April	11.1	W.	28	SW.	0	5	2	7	5	10	10	14	7	0	12	9	9	8	7	0	0	0	4	2	0	0	0	6	0
May	10.1	S.	24	N.	0	13	2	4	10	17	5	11	0	0	11	10	10	10	8	0	0	1	0	0	0	5	0	5	0
June	10.0	SW.	23	SW.	0	0	3	5	11	17	10	9	5	0	9	12	9	11	7	0	0	0	0	0	0	17	0	8	0
July	9.5	SW.	27	SE.	0	3	0	7	13	11	20	7	1	0	3	14	14	19	16	0	0	0	1	1	0	11	0	16	0
August	8.8	S.	27	SE.	0	9	8	12	10	8	7	7	1	0	5	15	11	15	12	0	0	0	2	0	0	15	0	13	0
September	10.1	E.	49	S.	1	12	11	15	6	4	9	1	2	0	10	4	16	12	12	0	0	0	4	2	0	2	0	5	0
October	9.4	E.	30	NE.	0	5	19	20	6	8	1	3	0	0	17	9	5	1	1	0	0	0	10	6	0	0	0	1	0
November	9.6	N.	24	SW.	0	16	12	4	3	9	2	7	7	0	14	3	13	6	3	0	0	0	9	4	0	0	1	1	0
December	10.6	NW.	30	E.	0	8	6	8	1	5	6	10	18	0	15	4	12	7	5	0	0	0	2	0	0	0	11	0	0
Year	10.3	SW.	49	S.	5	94	92	99	73	122	96	102	52	0	134	105	126	112	89	1	0	1	47	19	0	53	23	61	0

SCRANTON, PA.

[H=746 ft.; H_b=805 ft.; h_t=72 ft.; h_r=64 ft.; h_a=104 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.8	SW.	30	NW.	0	17	6	2	1	3	15	2	16	0	7	7	17	15	10	19	11	0	9	4	15	0	26	0	0
February	7.2	SW.	24	NW.	0	12	2	2	1	5	18	4	12	0	4	10	14	13	10	16	9	0	7	0	7	0	25	0	0
March	7.0	SW.	26	SW.	0	18	7	2	2	9	10	0	13	1	6	9	16	13	10	9	6	0	4	0	1	0	17	0	0
April	7.4	NW.	33	NW.	1	12	14	5	2	3	4	1	19	0	4	11	15	13	10	7	3	0	4	0	0	0	4	2	0
May	6.8	NW.	34	NW.	1	19	4	1	2	4	7	1	21	3	9	14	8	12	10	0	0	0	7	0	0	0	0	2	0
June	5.7	SW.	24	NW.	0	16	9	1	6	6	19	0	3	0	7	12	11	16	14	0	0	1	1	0	0	0	0	9	0
July	5.6	SW.	31	SE.	0	13	3	1	6	8	19	3	6	3	8	19	4	9	8	0	0	0	6	1	0	6	0	9	0
August	5.2	N.	29	NW.	0	20	3	3	8	5	10	1	9	3	7	14	10	14	8	0	0	1	4	0	0	2	0	6	0
September	5.8	N.	22	NW.	0	17	6	6	4	3	15	0	8	1	7	15	8	13	10	0	0	0	9	1	0	0	0	3	0
October	6.0	SW.	21	NW.	0	18	6	0	2	4	18	2	12	0	8	14	9	9	7	0	0	1	11	0	0	0	5	1	0
November	6.4	N.	19	NW.	0	26	9	1	3	4	14	1	2	0	3	6	21	10	8	7	2	0	6	1	0	0	10	0	0
December	6.5	SW.	24	NW.	0	12	7	3	0	5	18	1	16	0	2	8	21	18	12	20	12	0	3	0	17	0	24	0	0
Year	6.4	SW.	34	NW.	2	200	76	27	37	59	167	16	137	11	72	139	154	155	117	78	43	3	71	7	40	8	111	32	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

SEATTLE, WASH.

[ϕ=47°36′ N.; λ=122°20′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.80	30.26	29.17	40.0	44.0	43.9	46.3	36.8	41.6	66	14	35	36	36	83	74	73	0.218	0.225	0.223	8.90	2.46	17.4	7.5	8.8	9.2	8.4
February	30.00	30.40	29.20	42.0	47.2	48.5	50.6	39.4	45.0	60	29	37	38	37	84	71	66	.224	.228	.222	2.04	.51	.0	7.5	5.9	7.2	7.0
March	29.82	30.25	29.25	39.7	45.6	46.3	49.4	37.7	43.6	58	32	36	34	34	86	65	64	.210	.199	.196	4.03	1.27	.2	8.0	8.4	8.1	8.0
April	29.86	30.26	29.34	43.2	54.7	57.0	59.4	42.0	50.7	76	34	37	35	34	80	50	46	.225	.206	.203	1.55	.77	.0	4.7	4.9	5.3	4.5
May	29.96	30.30	29.46	48.3	58.9	64.1	66.1	47.1	56.6	79	42	42	42	40	80	55	44	.271	.273	.248	.55	.29	.0	5.6	5.2	4.6	4.5
June	29.90	30.24	29.53	54.5	64.2	67.6	69.8	53.5	61.6	86	48	48	48	48	79	57	51	.337	.338	.332	1.81	.73	.0	6.9	6.4	5.5	5.7
July	29.90	30.09	29.64	56.6	67.3	72.8	74.4	55.4	64.9	94	51	51	51	51	82	57	47	.374	.381	.371	.79	.32	.0	5.6	4.7	4.2	4.9
August	29.89	30.17	29.71	56.9	66.9	72.5	73.7	55.7	64.7	89	51	51	52	51	82	60	48	.379	.391	.376	.50	.24	.0	5.3	4.1	3.5	4.4
September	29.86	30.16	29.48	55.2	64.5	69.6	71.4	54.0	62.7	85	48	51	52	51	87	65	54	.380	.388	.374	1.86	1.32	.0	5.3	4.3	3.8	4.9
October	29.97	30.49	29.42	47.5	52.8	55.0	57.7	45.2	51.4	76	30	44	44	44	86	73	68	.297	.304	.304	3.44	1.65	T	5.8	6.5	5.9	6.6
November	30.04	30.39	29.57	40.6	46.9	47.0	49.1	37.9	43.5	57	26	36	37	37	84	70	70	.220	.231	.233	2.07	.61	.0	6.0	6.8	6.3	6.8
December	29.89	30.32	29.30	43.0	47.1	46.8	49.6	40.4	45.0	57	31	38	40	40	84	76	79	.234	.246	.251	4.11	.81	.0	7.1	6.9	7.9	7.1
Year	29.91	30.49	29.17	47.3	55.0	57.6	59.8	45.4	52.6	94	14	42	42	42	83	64	59	.281	.284	.278	31.65	2.46	17.6	6.3	6.1	6.0	6.1

SHERIDAN, WYO.

[ϕ=44°48′ N.; λ=106°57′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	26.07	26.64	25.52	14.2	28.2	25.3	36.5	8.3	22.4	57	−24	8	13	13	77	54	60	0.070	0.088	0.089	0.10	0.05	0.9	4.3	4.9	4.7	5.1
February	26.16	26.64	25.66	22.2	40.7	37.7	46.0	18.1	32.0	64	−3	18	20	20	80	43	49	.099	.107	.105	.35	.30	3.1	4.4	5.7	4.8	5.1
March	25.93	26.24	25.50	24.7	39.1	37.1	45.3	18.7	32.0	75	3	18	19	19	74	48	50	.099	.103	.101	1.40	.43	15.3	6.1	6.1	5.2	5.8
April	26.03	26.54	25.47	30.2	45.8	47.1	51.6	26.5	39.0	79	8	24	25	25	78	47	46	.133	.137	.137	1.34	.30	11.0	6.4	5.8	5.7	5.8
May	26.08	26.46	25.56	41.7	54.7	54.8	58.7	37.7	48.2	74	25	36	35	34	82	51	50	.221	.209	.204	3.12	1.54	.0	6.6	6.9	6.6	6.6
June	26.04	26.33	25.66	52.1	69.6	70.2	75.3	46.0	60.6	93	36	45	43	41	76	40	37	.299	.288	.266	1.72	1.08	T	5.6	4.5	4.7	4.9
July	26.09	26.44	25.87	59.9	85.9	87.0	91.9	55.7	73.8	105	45	50	49	45	71	30	26	.360	.358	.310	.09	.04	.0	2.7	2.3	2.8	2.6
August	26.09	26.37	25.69	52.6	80.0	80.0	85.4	49.3	67.4	105	38	42	40	39	71	29	27	.276	.260	.250	1.90	1.19	.0	3.2	3.2	3.2	3.1
September	26.15	26.52	25.85	44.2	71.3	66.7	75.6	41.9	58.8	92	29	38	35	36	82	30	38	.236	.210	.217	.64	.32	.0	3.9	3.1	3.4	3.4
October	26.14	26.56	25.65	31.6	55.7	50.7	60.8	28.2	44.5	82	6	27	28	26	83	39	42	.149	.155	.143	.58	.36	5.0	3.6	4.4	3.7	4.0
November	26.14	26.46	25.65	21.4	35.1	30.1	39.7	16.7	28.2	63	−7	17	22	22	83	59	71	.102	.119	.121	.44	.37	6.3	4.6	6.4	4.6	5.5
December	26.13	26.59	25.55	22.8	35.3	30.2	39.6	17.8	28.7	51	8	18	22	20	82	57	66	.099	.114	.110	.41	.26	3.0	5.3	4.7	3.6	4.8
Year	26.09	26.64	25.47	34.8	53.4	51.4	58.9	30.4	44.6	105	−24	28	29	28	78	44	47	.179	.179	.171	12.09	1.54	44.6	4.7	4.8	4.4	4.7

SHREVEPORT, LA.

[ϕ=32°30′ N.; λ=93°40′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.90	30.35	29.44	44.9	54.4	54.6	60.1	41.6	50.8	79	15	40	40	41	82	59	62	0.273	0.277	0.291	5.50	3.15	0.1	5.3	5.5	4.2	4.9
February	29.87	30.37	29.45	45.1	55.4	56.0	61.9	42.4	52.2	78	25	40	42	40	83	63	57	.259	.280	.261	3.33	1.99	.0	5.1	5.5	3.8	5.0
March	29.74	30.12	29.29	57.3	69.6	69.1	74.7	54.2	64.4	89	38	50	52	52	79	56	57	.398	.424	.414	2.99	1.22	.0	6.5	5.8	4.9	5.7
April	29.66	30.02	29.29	59.2	69.7	70.0	74.7	57.1	65.9	86	44	54	54	54	82	59	60	.430	.434	.441	5.16	1.78	.0	6.2	5.9	6.0	6.0
May	29.67	29.93	29.31	66.7	75.8	74.8	79.9	63.4	71.6	89	53	62	62	63	86	65	69	.569	.576	.580	10.47	6.61	.0	6.2	6.4	4.5	5.7
June	29.69	29.85	29.36	73.6	84.8	83.2	89.1	70.8	80.0	96	64	68	66	67	85	58	59	.703	.655	.662	2.95	1.40	.0	5.3	5.2	4.0	4.8
July	29.73	29.89	29.55	78.0	90.0	87.8	94.5	75.1	84.8	101	70	72	71	71	83	54	58	.790	.759	.753	1.02	.63	.0	3.3	4.2	4.8	4.0
August	29.69	29.87	29.57	76.9	90.6	88.3	94.9	74.8	84.8	106	63	70	68	68	79	49	55	.737	.690	.704	2.70	1.77	.0	2.7	3.1	4.5	3.5
September	29.72	29.89	29.55	68.7	81.4	79.1	85.0	66.6	75.8	93	54	63	62	63	82	54	60	.582	.568	.577	1.88	.91	.0	5.2	5.6	4.5	5.2
October	29.82	30.17	29.57	61.5	76.7	73.2	80.8	59.9	70.4	89	46	55	56	56	81	52	56	.461	.481	.464	3.88	2.03	.0	4.0	4.4	1.9	3.5
November	29.87	30.25	29.44	50.2	60.3	58.6	64.9	47.1	56.0	86	34	45	45	46	84	58	65	.329	.322	.336	6.07	3.14	.0	6.6	5.8	4.8	5.7
December	29.92	30.35	29.49	40.3	49.3	48.3	53.3	37.7	45.5	69	23	33	34	32	75	56	56	.201	.209	.194	3.39	2.65	1.4	5.8	5.1	4.6	5.2
Year	29.77	30.37	29.29	60.2	71.5	70.2	76.2	57.6	66.8	106	15	54	54	54	82	57	60	.478	.473	.473	49.34	6.61	1.5	5.2	5.2	4.4	4.9

SIOUX CITY, IOWA

[ϕ=42°30′ N.; λ=96°24′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.91	29.54	28.16	15.3	21.9	22.4	28.4	11.0	19.7	55	−16	12	15	16	87	74	77	0.087	0.097	0.105	0.83	0.47	6.3	5.8	6.7	5.7	6.3
February	28.88	29.39	28.23	26.5	34.3	34.4	39.8	24.0	31.9	55	−2	22	26	27	83	73	73	.124	.147	.152	1.34	.65	7.4	4.3	6.9	6.3	6.5
March	28.69	29.18	27.96	33.7	45.8	45.0	51.1	31.0	41.0	85	6	27	28	28	77	54	55	.158	.162	.163	1.32	.67	6.9	6.0	5.8	5.8	5.9
April	28.73	29.13	28.34	40.8	50.8	52.0	55.7	38.2	47.0	88	24	35	36	36	80	59	58	.214	.223	.221	4.31	1.76	.2	6.5	7.6	7.0	7.4
May	28.79	29.24	28.25	49.4	59.4	59.0	63.1	46.8	55.0	76	36	44	44	45	82	59	62	.290	.293	.305	2.75	1.10	.0	8.8	8.9	8.4	8.6
June	28.68	28.92	28.38	61.6	72.8	73.1	76.9	57.9	67.4	92	42	55	53	54	79	52	54	.445	.429	.445	2.16	1.00	.0	7.6	7.8	6.0	6.7
July	28.73	29.03	28.50	74.6	88.6	89.7	94.0	71.7	82.8	104	62	66	66	67	74	50	49	.637	.659	.680	2.02	1.08	.0	4.2	4.5	3.3	3.9
August	28.73	29.02	28.36	67.4	81.9	82.2	86.4	65.0	75.7	101	42	60	61	63	78	51	53	.529	.560	.599	2.00	.74	.0	4.6	4.1	4.2	4.4
September	28.76	29.26	28.53	56.9	73.3	72.4	77.8	54.2	66.0	93	32	50	52	53	79	50	52	.374	.406	.415	1.61	.68	.0	4.1	4.6	4.0	4.2
October	28.86	29.38	28.42	42.8	55.0	53.0	60.6	38.9	49.8	79	21	36	36	36	78	53	57	.230	.233	.233	1.67	1.23	T	5.7	6.0	4.4	5.7
November	28.86	29.30	28.17	28.4	35.6	35.1	40.1	25.2	32.6	68	11	25	28	28	88	73	75	.140	.156	.155	1.31	1.03	3.7	6.8	8.0	6.3	7.2
December	28.88	29.37	28.13	20.6	26.8	26.5	31.8	17.3	24.6	53	−7	17	20	22	86	74	81	.103	.115	.123	.64	.19	5.2	6.1	5.9	6.2	6.5
Year	28.79	29.54	27.90	43.2	53.8	53.7	58.8	40.1	49.5	104	−16	37	39	40	81	60	62	.278	.290	.300	21.96	1.76	29.7	5.9	6.4	5.6	6.1

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

SEATTLE, WASH.

[H=14 ft.; H_b=125 ft.; h_t=90 ft.; h_r=83 ft.; h_a=321 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temperature: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	11.2	SE.	34	S.	5	6	5	1	19	17	9	1	4	0	1	6	24	21	19	9	7	0	7	1	3	0	10	0	0
February	7.7	SE.	40	S.	2	13	6	0	14	9	4	4	3	3	5	10	13	15	11	0	0	1	14	6	0	0	3	0	0
March	11.6	S.	45	SW.	2	6	4	1	21	18	8	3	1	0	0	9	22	19	14	6	3	2	4	2	0	0	1	0	0
April	9.8	N.	34	SW.	2	14	2	3	12	6	11	3	9	0	11	12	7	9	7	0	0	0	0	0	0	0	0	0	0
May	7.7	N.	26	S.	0	11	12	2	10	7	5	5	9	1	12	13	6	8	5	0	0	0	1	0	0	0	0	1	0
June	9.1	N.	30	S.	0	11	5	4	11	7	8	8	5	1	7	12	11	11	5	0	0	0	0	0	0	0	0	1	0
July	8.0	N.	22	S.	0	16	9	1	6	10	8	4	8	0	12	8	11	9	4	0	0	0	1	0	0	2	0	1	0
August	7.3	N.	23	NE.	0	19	14	3	5	4	2	4	11	0	14	8	9	5	2	0	0	0	6	0	0	0	0	0	0
September	7.2	N.	34	S.	1	19	6	0	5	7	2	0	20	1	11	11	8	5	5	0	0	0	14	1	0	0	0	0	0
October	7.7	N.	31	SW.	0	15	6	3	13	7	1	4	9	4	6	10	15	12	10	2	0	1	15	9	0	0	3	0	0
November	7.6	SE.	31	S.	0	15	4	2	23	6	3	2	5	0	5	8	17	10	9	0	0	1	14	3	0	0	7	0	0
December	8.8	SE.	34	SE.	1	6	3	5	32	9	3	1	3	0	5	6	20	18	15	0	0	0	12	4	0	0	2	0	0
Year	8.6	N.	45	SW.	13	151	76	25	171	107	64	39	87	10	89	113	163	142	106	17	10	5	88	26	3	2	26	3	0

SHERIDAN, WYO.

[H=3,773 ft.; H_b=3,790 ft.; h_t=10 ft.; h_r=3 ft.; h_a=47 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	4.5	NW.	21	NW.	0	5	4	5	5	7	12	2	21	1	12	8	11	4	2	7	4	0	3	0	9	0	31	0	0
February	5.2	NW.	27	NW.	0	1	4	2	1	13	11	7	16	1	10	8	10	4	3	7	4	0	0	0	1	0	28	0	0
March	6.9	NW.	32	NW.	1	1	9	2	4	8	9	4	25	0	10	10	11	10	7	16	9	0	0	0	5	0	28	0	1
April	7.2	NW.	30	NW.	0	2	4	4	7	3	7	7	24	2	8	11	11	13	11	11	9	0	0	0	5	0	19	0	0
May	7.5	SE.	30	NW.	0	5	8	4	15	9	8	2	10	1	6	12	13	16	13	0	0	1	0	0	0	0	4	3	0
June	5.8	NW.	20	NW.	0	1	8	0	8	12	8	6	16	2	8	18	4	10	6	1	0	1	0	0	0	2	0	0	2
July	5.4	SE.	27	NW.	0	0	10	4	14	9	8	8	7	2	23	6	2	3	2	0	0	0	0	0	0	19	0	6	0
August	5.1	NW.	19	NE.	0	4	3	3	6	9	10	8	15	4	18	7	6	4	4	0	0	0	0	0	0	14	0	4	0
September	4.1	S.	18	NW.	0	1	4	4	7	17	5	0	12	4	17	8	5	7	3	0	0	1	0	0	0	1	1	2	0
October	4.9	NW.	25	NW.	0	1	5	3	2	12	16	6	15	2	16	10	5	5	3	7	3	0	1	0	2	0	18	0	0
November	4.9	NW.	28	NW.	0	2	2	3	9	18	8	2	15	1	6	15	9	4	2	10	2	0	4	1	7	0	28	0	0
December	4.7	NW.	26	NW.	0	0	1	1	8	21	11	3	17	0	15	5	11	7	4	10	5	0	0	0	5	0	31	0	0
Year	5.5	NW.	32	NW.	1	23	62	35	86	138	113	61	192	20	149	118	98	87	60	69	36	3	8	1	34	36	188	15	3

SHREVEPORT, LA.

[H=197 ft.; H_b=249 ft.; h_t= 92 ft.; h_r=90 ft.; h_a=227 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.2	NE.	31	NW.	0	1	18	5	12	11	4	2	9	0	14	7	10	7	5	1	1	0	2	0	0	0	7	1	0
February	11.7	NE.	33	NW.	2	7	9	3	7	9	7	3	11	0	12	6	10	8	5	0	0	0	3	1	0	0	4	1	0
March	14.0	S.	32	N.	1	2	8	4	16	23	4	0	5	0	8	15	8	11	7	0	0	1	2	0	0	6	0	4	0
April	11.4	SE.	44	W.	2	4	7	11	16	9	5	0	8	0	9	9	12	10	8	0	0	0	8	0	0	0	0	7	0
May	10.3	S.	34	SE.	2	3	8	6	14	16	5	7	3	0	9	10	12	12	8	0	0	0	2	0	0	0	0	9	0
June	9.7	S.	34	NE.	2	1	8	9	14	17	7	1	3	0	9	16	5	9	6	0	0	0	0	0	0	14	0	11	0
July	7.8	SE.	34	NE.	1	7	7	7	16	5	9	3	8	0	13	17	1	3	2	0	0	0	0	0	0	29	0	8	0
August	8.4	SW.	29	N.	0	2	11	9	12	13	10	3	2	0	19	9	3	6	5	0	0	0	1	0	0	26	0	6	0
September	8.1	NE.	30	SE.	0	8	22	11	15	2	2	0	2	0	11	10	9	7	5	0	0	0	3	0	0	8	0	1	0
October	10.2	SE.	27	NE.	0	2	12	11	18	12	3	3	1	0	17	10	4	5	3	0	0	0	8	0	0	0	9	3	0
November	10.4	NE.	50	SW.	1	4	14	6	11	10	2	3	10	0	10	9	11	10	7	0	0	0	11	0	0	0	0	1	0
December	10.3	NE.	28	N.	0	10	13	4	13	2	2	5	13	0	14	6	11	7	7	2	2	0	4	0	0	0	7	0	0
Year	10.3	NE.	50	SW.	11	49	137	86	164	129	60	30	75	0	145	124	96	95	68	3	3	1	44	1	0	77	18	52	0

SIOUX CITY, IOWA

[H=1,111 ft.; H_b=1,138 ft.; h_t=64 ft.; h_r=57 ft.; h_a=106 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.9	NW.	31	NW.	0	9	7	5	10	14	2	1	14	0	10	3	18	7	3	12	6	0	11	6	17	0	31	0	0
February	9.7	NW.	37	NW.	2	12	4	6	10	4	1	3	16	0	6	10	12	8	5	9	7	0	4	2	6	0	26	0	0
March	11.6	SE.	37	NW.	5	5	6	7	19	4	0	2	18	1	8	11	12	7	7	6	4	0	3	0	2	0	16	2	0
April	11.1	SE.	45	NW.	1	8	9	7	17	5	0	1	13	0	7	3	20	13	9	5	2	0	6	0	0	0	8	5	0
May	9.0	E.	32	SW.	1	7	12	13	12	9	1	0	8	0	2	3	26	19	11	0	0	0	5	2	0	0	0	5	0
June	9.9	NW.	32	SE.	1	7	4	5	11	7	7	1	18	0	2	16	12	9	7	0	0	0	0	0	0	2	0	5	0
July	8.8	SE.	26	NE.	0	5	7	5	24	15	2	0	3	1	16	9	6	8	7	0	0	0	1	0	0	17	0	9	0
August	9.2	SE.	27	SE.	0	12	2	5	24	11	2	0	5	1	11	15	5	9	7	0	0	0	4	1	0	17	0	8	0
September	8.2	S.	30	SW.	0	13	4	6	13	15	3	1	5	0	16	6	8	7	6	0	0	0	4	1	0	4	0	3	0
October	9.6	S.	32	SE.	2	9	3	3	14	17	2	1	12	1	11	4	16	7	5	2	0	1	7	1	0	0	7	2	0
November	10.1	S.	33	NW.	2	10	5	4	7	16	2	1	15	0	4	10	16	5	3	9	3	0	9	3	8	0	24	0	0
December	10.2	NW.	38	NW.	3	7	2	3	13	10	4	2	21	0	7	11	13	10	5	17	8	0	7	3	13	0	28	0	0
Year	9.8	SE.	45	NW.	17	104	65	69	174	127	26	13	148	4	100	101	164	109	75	60	30	1	59	18	46	48	140	39	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

SPOKANE, WASH.

[ϕ=47°40′ N.; λ=117°25′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	27.94	28.50	27.38	28.6	33.0	33.2	37.4	25.2	31.3	57	−18	24	25	26	83	74	75	0.139	0.145	0.150	2.06	0.63	20.6	8.5	7.7	8.0	7.9
February	28.14	28.59	27.51	30.7	37.7	41.0	42.5	28.7	35.6	50	18	28	29	30	88	71	64	.150	.160	.165	.59	.22	1.5	5.8	7.3	5.6	6.6
March	27.85	28.23	27.38	33.0	41.5	43.0	45.5	31.1	38.3	64	24	28	26	27	80	56	55	.150	.147	.148	.78	.28	.6	5.9	7.3	7.7	7.2
April	27.91	28.26	27.35	37.1	50.3	53.2	55.2	35.1	45.2	69	21	30	27	25	74	42	36	.167	.149	.139	.92	.39	T	6.0	5.2	4.7	5.3
May	27.94	28.35	27.58	43.6	64.5	67.5	69.1	42.6	55.8	81	34	34	30	28	70	28	24	.202	.171	.154	.06	.05	T	3.9	4.7	5.4	4.7
June	27.91	28.20	27.63	51.8	70.0	72.3	74.7	50.0	62.4	87	42	40	39	38	66	34	31	.256	.241	.234	.77	.44	.0	4.8	5.6	6.4	5.6
July	27.93	28.25	27.68	57.8	77.7	82.3	83.9	56.5	70.2	99	44	46	44	41	65	33	25	.308	.293	.265	.68	.22	.0	4.5	3.6	3.5	4.1
August	27.93	28.25	27.66	54.2	76.6	80.0	81.7	53.1	67.4	95	41	42	40	37	64	28	24	.269	.252	.229	.96	.91	.0	3.5	2.7	2.4	2.9
September	27.95	28.31	27.58	51.2	73.3	76.6	78.6	48.9	63.8	93	37	39	39	36	64	30	25	.244	.241	.218	.05	.04	.0	3.9	2.8	3.6	3.4
October	28.04	28.61	27.49	39.4	52.4	54.8	57.8	36.3	47.0	85	9	33	36	34	79	56	50	.198	.228	.212	.96	.35	.3	4.0	5.7	5.1	5.9
November	28.12	28.41	27.48	29.4	36.1	36.4	38.9	27.3	33.1	52	8	26	38	28	87	73	74	.147	.158	.166	.90	.35	2.3	6.2	7.9	6.7	8.0
December	28.09	28.55	27.50	29.1	32.6	33.1	34.9	27.7	31.3	45	16	28	30	30	93	88	88	.150	.163	.168	1.78	.43	2.7	7.7	7.9	7.3	8.6
Year	27.98	28.61	27.35	40.5	53.8	56.1	58.4	38.5	48.4	99	−18	33	34	32	76	51	48	.198	.196	.187	10.51	.91	28.0	5.4	5.7	5.5	5.8

SPRINGFIELD, ILL.

[ϕ=39°48′ N.; λ=89°39′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.49	30.03	28.67	26.4	32.3	32.1	37.4	22.1	29.8	50	−3	24	25	27	88	73	79	0.143	0.150	0.160	2.10	1.08	0.2	5.7	6.0	5.2	6.4
February	29.40	29.90	28.82	30.7	36.4	35.6	41.2	27.9	34.6	63	11	27	28	29	86	73	77	.152	.159	.165	1.57	.68	T	6.4	7.4	6.9	7.5
March	29.29	29.80	28.85	42.0	52.4	50.2	57.4	38.5	48.0	80	21	38	40	41	84	66	72	.243	.269	.278	2.90	.93	1.3	6.5	6.5	6.9	7.1
April	29.28	29.56	28.96	44.1	55.0	54.1	58.5	42.0	50.2	84	30	38	40	42	81	58	65	.241	.252	.276	3.39	1.10	1.6	6.8	7.6	7.2	7.5
May	29.33	29.74	28.95	54.0	62.5	61.7	67.2	50.4	58.8	83	37	48	50	51	81	66	72	.346	.374	.396	7.91	1.40	.0	8.0	7.9	7.9	7.7
June	29.24	29.51	28.73	64.6	75.5	73.2	78.9	60.9	69.9	89	51	59	59	60	82	60	64	.509	.526	.536	5.69	1.61	.0	6.6	7.4	6.0	6.7
July	29.32	29.56	29.11	74.8	87.1	84.7	91.4	71.4	81.4	100	64	68	67	67	78	52	57	.682	.665	.680	5.43	2.13	.0	3.5	4.0	4.8	3.9
August	29.32	29.53	29.10	70.5	83.7	80.7	87.2	67.7	77.4	100	52	64	62	64	81	50	57	.623	.587	.615	1.23	1.19	.0	3.5	4.7	4.3	4.4
September	29.36	29.55	29.04	60.4	75.7	71.1	79.3	58.2	65.8	93	40	54	55	56	81	51	62	.429	.443	.468	3.22	1.17	.0	3.6	4.3	3.2	3.6
October	29.47	29.94	28.99	49.5	63.8	59.3	66.7	47.0	56.8	85	30	44	46	46	81	55	65	.305	.339	.343	2.13	.67	.0	5.0	5.0	4.2	5.2
November	29.44	29.91	28.87	37.2	44.1	41.9	47.4	34.1	40.8	73	18	34	37	36	88	76	81	.209	.230	.225	4.39	2.39	T	7.8	6.9	6.5	7.2
December	29.46	29.96	28.85	22.8	29.0	28.6	32.7	19.8	26.2	55	−3	20	23	24	87	77	81	.118	.123	.136	1.06	.39	4.8	6.1	7.1	6.6	6.9
Year	29.37	30.03	28.67	48.1	58.1	56.1	62.1	45.0	53.6	100	−3	43	44	45	83	63	69	.333	.344	.356	41.22	2.39	7.9	5.8	6.2	5.8	6.2

SPRINGFIELD, MO.

[ϕ=37°12′ N.; λ=93°18′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.72	29.14	28.08	31.1	37.9	37.5	43.7	27.0	35.4	68	−3	28	30	29	87	74	70	0.169	0.185	0.174	2.43	1.18	0.2	4.8	4.6	4.9	6.1
February	28.68	29.16	28.19	32.5	40.3	41.1	47.6	30.9	39.2	73	10	29	31	31	86	71	70	.162	.180	.177	.99	.46	.7	5.3	4.9	5.0	5.6
March	28.55	28.97	28.13	48.0	56.2	54.9	62.3	43.2	52.8	77	20	42	40	42	79	58	63	.284	.271	.283	9.09	3.63	T	6.0	5.7	5.5	5.6
April	28.52	28.85	28.22	47.6	55.5	57.2	61.2	45.4	53.3	79	32	41	41	42	79	63	60	.266	.267	.273	1.86	.69	T	6.5	5.9	5.8	6.5
May	28.56	28.93	28.23	56.0	64.4	63.7	68.5	52.9	60.7	86	39	52	54	53	86	69	73	.395	.424	.417	6.81	2.29	.0	7.7	7.3	6.9	7.0
June	28.55	28.73	28.13	64.0	72.7	72.6	76.9	61.0	69.0	87	48	60	62	62	87	71	71	.526	.575	.569	11.31	2.01	.0	6.2	6.5	4.7	3.8
July	28.63	28.81	28.46	74.8	86.4	84.0	89.5	71.6	80.6	96	65	68	68	68	81	55	61	.699	.683	.702	1.62	1.35	.0	2.1	3.7	3.5	2.1
August	28.60	28.77	28.42	71.9	83.4	82.2	88.2	68.9	78.6	102	53	64	63	61	78	53	52	.613	.591	.549	3.93	1.82	.0	3.4	3.7	4.0	3.1
September	28.65	28.79	28.48	62.0	74.4	72.5	78.7	59.3	69.0	91	42	54	53	53	76	51	54	.426	.420	.416	2.64	2.12	.0	3.0	3.5	3.4	2.8
October	28.71	29.12	28.33	52.7	62.5	60.3	66.5	49.7	58.1	82	35	49	49	49	87	65	69	.366	.373	.366	3.88	.90	.0	5.8	5.5	4.9	5.4
November	28.69	29.05	28.19	39.2	45.5	43.9	50.3	35.0	42.6	76	25	36	38	37	90	76	77	.229	.237	.228	2.50	1.08	T	7.0	6.8	6.5	6.9
December	28.71	29.12	28.19	28.0	35.6	34.9	40.4	25.6	33.0	57	7	24	25	26	83	66	68	.137	.150	.149	.62	.46	1.4	5.8	5.1	4.7	5.1
Year	28.63	29.16	28.08	50.6	59.6	58.7	64.5	47.5	56.0	102	−3	46	46	46	83	64	66	.356	.363	.359	47.68	3.63	2.3	5.3	5.3	5.0	5.0

SYRACUSE, N. Y.

[ϕ=43°03′ N.; λ=76°09′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.49	30.14	28.72	19.9	23.2	----	30.4	12.6	21.5	56	−14	15	18	---	82	78	---	0.106	0.114	----	3.46	1.11	16.7	8.4	7.6	----	7.2
February	29.38	30.01	28.83	21.7	26.9	----	32.5	16.5	24.5	52	−6	18	20	---	82	76	---	.105	.117	----	2.25	.46	12.5	8.5	8.5	----	7.5
March	29.40	30.06	28.81	35.5	40.0	----	45.3	29.9	37.6	71	10	27	28	---	70	62	---	.151	.158	----	2.63	.46	5.1	7.4	7.7	----	6.6
April	29.30	29.62	28.77	42.5	48.4	----	52.3	36.6	44.4	87	26	33	33	---	71	60	---	.191	.195	----	3.51	.65	9.5	5.9	7.2	----	6.7
May	29.38	29.70	28.98	51.4	57.8	----	61.3	44.0	52.6	82	34	38	37	---	62	48	---	.238	.229	----	2.48	.88	.0	4.9	5.5	----	5.2
June	29.30	29.59	28.85	65.1	71.6	----	76.0	56.4	66.2	88	47	54	52	---	68	53	---	.418	.398	----	4.38	.95	.0	6.4	6.9	----	6.5
July	29.35	29.68	29.06	73.4	80.8	----	84.6	66.3	75.4	94	55	62	61	---	70	54	---	.574	.554	----	6.14	2.63	.0	6.5	6.0	----	5.9
August	29.39	29.66	28.97	68.7	76.3	----	79.4	62.5	71.0	91	49	57	57	---	68	52	---	.481	.483	----	2.59	1.99	.0	3.8	5.6	----	5.1
September	29.41	29.71	28.92	57.5	64.2	----	68.4	51.9	60.2	87	38	49	48	---	74	59	---	.355	.352	----	2.66	.90	.0	6.1	7.0	----	6.5
October	29.53	29.95	28.74	49.6	57.6	----	61.9	43.2	52.6	81	32	39	39	---	69	53	---	.252	.255	----	2.73	.99	T	5.9	6.1	----	5.9
November	29.49	29.93	28.93	40.3	45.0	----	48.2	36.1	42.2	71	19	34	34	---	78	67	---	.207	.215	----	2.24	.71	1.5	8.2	8.2	----	8.3
December	29.38	30.08	28.90	22.0	25.3	----	28.6	18.0	23.3	45	−3	18	19	---	85	77	---	.111	.112	----	3.79	.87	31.3	9.5	8.8	----	9.0
Year	29.40	30.14	28.72	45.6	51.4	----	55.7	39.5	47.6	94	−14	37	37	---	73	62	---	.266	.265	----	39.06	2.63	76.6	6.8	7.1	----	6.7

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

SPOKANE, WASH.

[H=1,879 ft.; H_b=1,929 ft.; h_t=101 ft.; h_r=94 ft.; h_a=110 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	7.3	S.	24	S.	0	5	15	7	0	18	9	2	3	3	5	3	23	16	13	11	11	0	5	1	10	0	20	0	0
February	5.7	NE.	24	W.	0	4	18	10	0	10	4	4	3	3	5	9	14	5	5	5	2	0	7	2	0	0	22	0	0
March	8.3	S.	26	SW.	0	3	3	10	0	23	13	5	3	2	5	8	18	12	6	16	10	1	2	2	0	0	19	0	0
April	7.2	S.	21	S.	0	6	8	15	0	18	8	0	5	0	11	7	12	9	6	4	3	0	1	0	0	0	7	0	0
May	6.6	S.	21	NW.	0	5	8	7	1	12	12	3	10	4	13	10	8	2	1	1	0	0	0	0	0	0	0	0	0
June	7.9	S.	24	SW.	0	4	3	7	1	26	12	4	3	0	6	16	8	4	4	0	0	0	0	0	0	0	0	1	0
July	6.4	S.	22	SW.	0	2	7	12	3	21	9	3	5	0	13	11	7	7	4	0	0	0	0	0	0	10	0	3	0
August	5.9	S.	23	SW.	0	4	5	7	1	13	15	3	7	7	21	7	3	2	2	0	0	1	2	1	0	4	0	1	0
September	5.2	S.	27	SW.	0	6	6	5	3	14	9	3	7	7	19	6	5	2	1	0	0	0	0	0	0	5	0	0	1
October	5.5	S.	18	SW.	0	8	12	2	1	21	6	2	4	6	8	9	14	9	6	3	2	1	6	4	3	0	11	0	1
November	4.9	S.	20	S.	0	9	7	7	0	20	5	4	4	4	4	3	23	8	5	4	3	0	16	8	3	0	21	0	0
December	4.9	NE.	15	S.	0	11	8	10	0	13	7	2	8	3	4	2	25	13	10	8	4	0	16	6	10	0	22	0	0
Year	6.3	S.	27	SW.	0	67	100	99	10	209	109	35	62	39	114	91	160	89	63	52	35	3	55	24	26	19	122	5	2

SPRINGFIELD, ILL.

[H=598 ft.; H_b=636 ft.; h_t=5 ft.; h_r=3 ft.; h_a=191 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	12.1	S.	37	W.	1	6	8	4	6	16	4	6	12	0	9	4	18	8	7	4	1	0	12	6	8	0	24	0	0
February	11.9	W.	28	SW.	0	8	7	4	3	7	10	10	7	0	3	8	17	6	5	9	0	0	7	3	3	0	21	0	0
March	13.3	S.	38	S.	4	9	6	6	9	14	8	3	7	0	5	10	16	10	8	3	1	1	11	3	0	0	16	3	0
April	12.0	SE.	38	NW.	2	11	14	6	14	3	2	3	7	0	4	9	17	11	9	2	2	0	6	0	0	0	2	1	0
May	10.9	NE.	38	SW.	2	7	17	11	10	5	5	2	5	0	5	6	20	21	20	0	0	2	7	1	0	0	0	10	0
June	10.2	S.	25	NW.	0	1	4	1	10	14	9	14	7	0	4	11	15	14	12	0	0	0	2	1	0	0	0	9	0
July	8.7	S.	26	S.	0	7	7	4	4	19	9	6	6	0	16	10	5	7	6	0	0	0	0	0	0	20	0	11	0
August	8.8	S.	26	NW.	0	8	8	5	11	11	9	1	9	0	13	11	7	3	1	0	0	0	4	0	0	14	0	3	0
September	10.2	SW.	27	N.	0	6	3	7	4	17	13	4	6	0	19	3	8	7	7	0	0	0	5	0	0	7	0	1	0
October	10.0	S.	28	SW.	0	7	7	3	11	14	2	8	10	0	13	7	11	9	9	0	0	0	9	2	0	0	2	2	0
November	11.4	S.	28	SW.	0	9	8	4	6	17	2	7	7	0	6	5	19	12	8	2	0	0	9	0	2	0	10	1	0
December	11.6	S.	32	W.	1	6	1	3	7	17	7	11	10	0	8	2	21	9	6	12	7	0	5	1	12	0	25	0	0
Year	10.9	S.	38	NW.	10	85	90	58	95	154	80	75	93	0	105	86	174	117	98	32	11	3	77	17	25	41	94	11	0

SPRINGFIELD, MO.

[H=1,301 ft.; H_b=1,324 ft.; h_t=98 ft.; h_r=66 ft.; h_a=104 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.6	SE.	28	SE.	0	7	5	4	21	7	4	5	9	0	8	7	16	7	5	4	1	0	13	6	5	0	19	1	0
February	11.4	NW.	32	SW.	1	7	3	4	7	8	3	7	17	0	10	8	10	7	4	6	3	0	9	4	2	0	17	1	0
March	12.6	S.	32	SW.	1	8	4	4	14	18	6	3	5	0	11	8	12	12	9	2	0	2	4	1	0	0	7	10	0
April	11.1	SE.	28	NW.	0	4	12	5	18	4	1	4	12	0	7	6	17	11	8	1	1	1	10	0	0	0	2	5	0
May	9.7	S.	32	SE.	1	5	11	12	14	9	2	1	6	2	6	8	17	17	15	0	0	0	10	2	0	0	0	12	0
June	9.5	SE.	30	NW.	0	2	6	1	20	13	3	7	8	0	15	12	3	17	14	0	0	2	3	0	0	0	0	15	0
July	7.4	SE.	26	SE.	0	3	2	4	18	18	8	6	2	1	25	6	0	5	2	0	0	0	0	0	0	16	0	6	0
August	8.2	S.	30	NW.	0	2	12	11	13	12	7	0	4	1	20	8	3	5	3	0	0	1	3	1	0	17	0	4	0
September	8.4	S.	20	N.	0	8	6	4	11	23	3	1	4	0	22	4	4	6	5	0	0	0	4	0	0	1	0	0	0
October	9.2	S.	29	S.	0	10	6	7	22	7	2	3	4	1	15	3	13	14	12	0	0	0	13	5	0	0	0	11	0
November	10.3	SE.	34	SE.	1	6	2	5	18	5	3	9	12	0	7	4	19	11	8	1	0	0	17	2	0	0	12	2	0
December	10.3	SE.	27	NW.	0	3	2	3	19	3	6	9	15	2	10	12	9	6	4	5	3	0	7	2	7	0	23	0	0
Year	9.9	SE.	34	SE.	4	65	71	64	195	127	48	55	98	7	156	86	123	118	89	19	8	6	93	23	14	34	80	67	0

SYRACUSE, N. Y.

[H=400 ft.; H_b=596 ft.; h_t=65 ft.; h_r=57 ft.; h_a=79 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.6	NW.	27	SE.	0	4	1	10	7	15	9	3	13	0	3	10	18	20	15	18	16	0	1	0	16	0	25	0	0
February	7.6	W.	21	W.	0	3	0	13	2	12	10	10	6	0	2	11	15	18	14	17	15	0	3	0	14	0	27	0	0
March	7.9	W.	26	SW.	0	1	1	10	8	9	5	17	11	0	6	13	12	17	16	9	6	0	6	0	4	0	18	1	0
April	7.9	NW.	23	SW.	0	4	2	11	4	2	4	18	15	0	8	6	16	13	13	9	8	0	1	0	0	0	7	2	0
May	7.8	NW.	23	NW.	0	3	2	9	1	7	6	14	20	0	13	8	10	9	8	0	0	0	2	0	0	0	0	4	0
June	6.7	S.	21	NW.	0	2	0	6	5	13	8	13	13	0	6	10	14	19	9	0	0	0	3	0	0	0	0	4	0
July	6.4	S.	26	SW.	0	2	0	8	0	22	8	13	9	0	5	17	9	14	12	0	0	1	3	0	0	5	0	12	0
August	6.5	S.	18	NW.	0	3	0	8	8	22	5	8	8	0	10	15	6	9	4	0	0	0	1	0	0	2	0	4	0
September	6.7	S.	21	S.	0	7	1	7	7	16	9	8	5	0	4	12	14	12	10	0	0	1	2	0	0	0	0	4	0
October	7.5	S.	23	SW.	0	2	0	9	9	16	11	11	4	0	6	14	11	11	8	2	0	0	4	0	0	0	1	0	0
November	8.0	S.	21	S.	0	4	0	7	7	17	7	8	10	0	2	4	24	14	10	7	1	0	7	2	1	0	8	0	0
December	6.8	W.	21	NW.	0	3	1	11	2	9	10	19	7	0	0	5	26	23	15	22	18	0	3	0	18	0	24	0	0
Year	7.4	S.	27	SE.	0	38	8	109	60	160	92	142	121	0	65	125	175	172	134	84	64	2	30	2	53	7	110	27	0

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

TAMPA, FLA.

[ϕ=27°57′ N.; λ=82°27′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	30.08	30.34	29.78	55.3	67.7	62.2	71.7	53.3	62.5	83	36	51	51	52	87	57	71	0.401	0.399	0.412	0.30	0.20	0.0	4.1	3.1	2.5	3.2
February	30.09	30.56	29.80	54.5	68.1	62.7	71.5	52.5	62.0	83	30	50	48	51	84	52	68	.388	.379	.412	1.55	.87	.0	4.1	2.8	3.6	3.5
March	30.11	30.49	29.77	63.4	77.9	71.0	81.8	60.8	71.3	88	40	59	57	59	85	49	67	.518	.486	.517	.52	.48	.0	3.1	1.7	2.6	2.2
April	29.93	30.19	29.71	68.2	78.6	72.0	82.0	63.9	73.0	89	52	61	58	61	79	52	69	.557	.506	.550	2.03	.74	.0	4.1	3.4	3.2	3.5
May	29.98	30.14	29.79	74.4	85.2	80.0	89.0	69.9	79.4	94	65	67	64	67	78	50	65	.664	.596	.661	3.51	1.61	.0	2.7	3.9	2.9	3.3
June	29.96	30.10	29.85	77.6	86.1	81.0	90.3	73.0	81.6	95	68	72	69	70	82	58	70	.774	.713	.734	7.66	2.31	.0	3.4	5.4	4.9	4.8
July	30.00	30.18	29.75	78.1	84.5	79.0	88.3	74.0	81.2	93	71	73	72	73	84	66	82	.812	.772	.805	10.02	3.41	.0	4.0	5.9	7.0	6.1
August	29.95	30.14	29.80	78.8	86.8	80.4	90.4	74.7	82.6	94	69	74	73	73	87	64	81	.850	.807	.832	11.72	2.77	.0	3.7	5.1	7.3	5.4
September	29.90	30.07	29.28	75.9	84.0	78.4	87.0	73.1	80.0	91	69	72	71	72	89	67	81	.798	.769	.786	10.25	6.35	.0	5.2	5.6	4.9	5.7
October	30.02	30.22	29.79	69.7	82.1	75.4	84.0	67.5	75.8	88	61	66	64	65	87	56	72	.634	.609	.629	2.27	1.13	.0	3.5	4.3	2.9	4.1
November	30.02	30.35	29.82	61.6	74.0	68.3	76.2	60.0	68.1	86	40	58	57	59	87	56	74	.508	.490	.532	.93	.77	.0	3.8	4.3	2.7	3.8
December	30.08	30.42	29.57	47.9	60.0	55.4	63.8	45.3	54.6	77	30	43	45	46	82	59	72	.294	.320	.330	2.86	1.64	.0	6.0	4.5	4.2	5.2
Year	30.01	30.56	29.28	67.1	77.9	72.2	81.3	64.0	72.7	95	30	62	61	62	84	57	73	.600	.570	.600	53.71	6.35	.0	4.0	4.2	4.1	4.2

TATOOSH ISLAND, WASH.

[ϕ=48°23′ N.; λ=124°44′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.76	30.23	29.19	41.8	42.2	42.4	45.4	39.2	42.3	64	18	38	38	37	86	84	82	0.243	0.239	0.237	22.57	3.67	7.2	8.7	7.9	8.8	8.9
February	30.00	30.44	29.10	44.4	47.0	46.4	49.3	42.6	46.0	63	39	41	40	40	88	78	80	.258	.248	.251	8.26	1.92	.0	6.6	5.8	6.1	6.7
March	29.82	30.27	29.10	41.0	43.6	42.8	45.3	38.9	42.1	50	34	38	38	37	88	81	81	.228	.229	.224	12.84	2.22	.7	8.5	8.3	7.9	8.7
April	29.90	30.33	29.37	44.6	50.0	49.1	51.8	43.0	47.4	64	37	40	40	41	85	72	75	.249	.252	.258	2.76	.90	.0	6.3	3.8	3.7	4.9
May	30.03	30.30	29.45	47.5	51.7	50.7	53.6	46.7	50.2	62	43	44	45	45	87	79	82	.287	.300	.299	.84	.47	.0	7.0	5.6	6.1	6.7
June	29.96	30.31	29.58	52.4	56.7	56.2	59.4	51.2	55.3	76	46	50	50	49	91	79	78	.357	.357	.353	2.01	.49	.0	8.3	6.2	5.7	7.4
July	29.98	30.17	29.76	52.7	56.0	56.3	58.3	51.7	55.0	67	48	50	51	52	92	84	85	.364	.377	.385	1.13	.60	.0	6.5	6.0	5.6	7.0
August	29.97	30.24	29.72	52.6	56.1	55.7	58.5	51.3	54.9	69	47	51	52	52	93	86	89	.369	.385	.394	2.84	2.19	.0	5.8	5.8	5.0	7.0
September	29.92	30.20	29.45	52.2	55.1	54.6	58.4	50.6	54.5	67	47	49	51	50	90	86	86	.351	.370	.365	2.91	1.59	.0	6.0	4.4	4.1	7.5
October	30.00	30.51	29.47	48.3	50.9	50.2	53.2	46.3	49.8	64	33	44	45	44	87	81	81	.301	.311	.302	5.66	1.22	.0	6.1	5.0	5.3	6.9
November	30.05	30.44	29.46	44.0	46.6	45.7	47.4	42.6	45.0	51	32	40	40	39	87	78	79	.257	.251	.247	4.41	1.22	.0	7.3	7.0	6.6	7.5
December	29.86	30.33	29.12	46.5	47.6	47.8	49.7	44.7	47.2	57	38	43	42	42	87	82	81	.277	.269	.267	8.19	1.73	.0	8.0	7.6	7.9	8.0
Year	29.94	30.51	29.10	47.3	50.3	49.8	52.5	45.7	49.1	76	18	44	44	44	88	81	82	.295	.299	.298	74.42	3.67	7.9	7.1	6.1	6.1	7.3

TERRE HAUTE, IND.

[ϕ=39°29′ N.; λ=87°24′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.56	30.07	28.80	28.6	34.0	34.1	41.3	24.4	32.8	63	0	24	26	27	82	70	73	0.147	0.158	0.165	2.51	1.22	0.3	5.6	6.7	5.5	6.1
February	29.45	29.95	28.96	31.3	37.6	37.1	43.2	27.8	35.5	62	11	25	26	28	78	64	69	.141	.150	.158	.50	.22	T	6.0	7.3	6.1	6.8
March	29.37	29.85	28.92	43.6	53.5	51.6	59.2	40.4	49.8	77	26	36	39	40	76	60	67	.230	.255	.267	4.47	1.28	T	6.5	7.4	6.6	7.3
April	29.31	29.59	28.98	45.4	56.1	55.2	60.8	42.8	51.8	87	30	38	38	39	76	54	57	.237	.298	.243	2.13	.61	T	6.9	7.3	7.1	7.1
May	29.38	29.80	29.07	55.8	65.2	63.2	69.9	50.9	60.4	85	36	48	50	50	76	62	66	.349	.379	.381	7.29	3.04	.0	7.2	7.6	7.3	7.1
June	29.30	29.56	28.81	65.3	75.7	73.8	80.0	60.5	70.2	93	49	58	59	60	79	58	64	.504	.520	.539	4.45	1.48	.0	7.2	6.9	6.3	6.5
July	29.37	29.65	29.14	75.6	87.0	84.3	91.3	70.6	81.0	100	60	68	71	70	78	61	66	.694	.769	.755	3.89	1.74	.0	4.0	4.9	4.7	4.2
August	29.37	29.58	29.18	70.9	83.8	79.3	87.5	67.3	77.4	100	51	64	65	65	81	55	64	.630	.647	.644	3.13	1.43	.0	4.6	5.5	4.7	4.7
September	29.41	29.62	29.12	59.7	76.5	71.9	80.1	57.1	68.6	94	43	54	53	55	81	46	58	.421	.411	.450	3.29	1.95	.0	2.9	3.8	3.2	3.3
October	29.53	29.97	29.07	50.2	63.8	60.2	67.5	48.1	57.8	86	31	44	45	46	81	53	60	.310	.324	.330	1.47	.58	.0	5.4	5.9	4.0	5.5
November	29.49	29.97	28.96	38.8	44.8	44.1	49.2	35.8	42.5	72	20	34	36	37	84	73	76	.209	.230	.236	3.55	2.08	.2	8.1	8.2	6.8	7.8
December	29.51	30.00	28.94	23.4	29.1	28.5	33.6	20.2	26.9	56	−6	20	21	22	84	70	76	.117	.124	.132	1.39	.52	7.9	5.7	7.6	6.5	7.2
Year	29.42	30.07	28.80	49.0	58.9	56.9	63.6	45.5	54.6	100	−6	43	44	45	80	60	66	.332	.350	.358	38.07	3.04	8.4	5.8	6.6	5.7	6.1

TOLEDO, OHIO

[ϕ=41°40′ N.; λ=83°34′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.48	30.06	28.61	24.8	28.9	27.4	33.6	19.8	26.7	51	2	20	20	20	80	69	74	0.120	0.124	0.122	2.26	0.92	0.3	6.7	6.8	5.8	6.7
February	29.37	29.97	28.85	25.6	30.1	28.9	33.4	20.9	27.2	50	3	21	22	23	81	72	76	.119	.127	.127	1.52	.50	8.8	8.0	8.5	7.6	8.1
March	29.33	29.92	28.87	36.6	44.7	42.6	49.5	33.2	41.4	72	19	30	32	33	78	61	70	.178	.191	.198	1.98	.55	.7	6.8	7.2	6.8	6.0
April	29.30	29.58	28.77	41.1	48.3	47.1	52.6	38.1	45.4	81	22	34	33	34	76	59	64	.200	.198	.204	1.46	.66	.1	6.7	6.8	6.8	6.5
May	29.38	29.72	29.09	50.4	59.1	57.4	62.6	45.5	54.0	82	33	40	40	41	71	54	58	.261	.263	.271	2.75	.72	.0	5.8	5.8	5.8	5.8
June	29.26	29.57	28.80	63.0	70.7	69.4	74.8	57.9	66.4	86	48	54	54	54	74	57	61	.432	.431	.440	2.79	.91	.0	6.6	6.3	5.5	5.4
July	29.33	29.58	29.08	72.9	82.5	79.7	86.3	68.9	77.6	97	62	65	64	63	77	56	59	.622	.614	.588	1.17	.36	.0	4.5	5.4	4.3	4.3
August	29.34	29.64	29.02	67.4	77.0	75.2	80.6	64.5	72.6	98	48	62	62	63	84	62	67	.584	.580	.600	3.85	1.60	.0	5.7	6.0	5.4	5.4
September	29.38	29.64	28.93	56.5	69.5	67.0	73.6	53.0	63.3	90	37	51	51	53	81	54	61	.382	.388	.410	1.52	.65	.0	4.3	4.6	4.1	4.1
October	29.50	29.90	28.79	46.5	58.2	54.7	61.7	43.8	52.8	83	30	40	41	42	78	55	64	.258	.274	.284	1.21	.42	.0	4.1	5.0	4.4	4.7
November	29.44	29.97	28.91	38.0	41.5	40.9	46.1	34.8	40.4	67	21	34	35	35	85	78	81	.207	.215	.221	2.60	1.03	.6	7.6	8.7	7.5	8.3
December	29.40	29.88	28.94	23.5	27.7	25.7	29.9	19.7	24.8	49	−1	20	22	21	86	76	82	.117	.124	.124	1.61	.41	9.8	8.1	8.0	7.6	8.1
Year	29.38	30.06	28.61	45.5	53.2	51.3	57.1	41.7	49.4	98	−1	39	40	40	79	63	68	.290	.294	.299	24.72	1.60	20.3	6.2	6.6	6.0	6.1

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

TAMPA, FLA.

[H=23 ft.; H_b=35 ft.; h_t=88 ft.; h_r=81 ft.; h_a=197 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	11.6	N.	34	NW.	1	16	10	5	7	3	2	4	15	0	19	5	7	6	2	0	0	0	6	0	0	0	0	0	0
February	11.2	N.	29	SW.	0	11	9	4	3	8	6	3	12	0	14	10	4	8	5	0	0	0	5	2	0	0	1	1	0
March	11.0	S.	38	SW.	1	8	5	11	5	5	8	6	14	0	24	7	0	2	2	0	0	0	8	3	0	0	0	0	0
April	10.7	W.	41	NW.	2	9	5	7	6	4	8	6	15	0	18	9	3	6	6	0	0	0	2	1	0	0	0	6	0
May	10.2	SE.	30	N.	0	8	7	10	15	5	1	5	11	0	18	11	2	6	6	0	0	0	1	0	0	12	0	7	0
June	8.3	S.	42	SE.	2	4	4	6	12	13	1	8	11	1	10	15	5	15	13	0	0	1	1	0	0	20	0	20	0
July	9.6	E.	32	SE.	1	3	3	20	10	14	3	6	3	0	4	19	8	19	14	0	0	0	0	0	0	10	0	25	0
August	8.1	SE.	29	SE.	0	8	2	10	18	8	3	6	6	1	6	21	4	16	15	0	0	0	1	0	0	21	0	22	0
September	11.0	NE.	[1] 75	SE.	4	7	16	9	7	9	3	5	3	1	5	16	9	16	13	0	0	0	1	0	0	7	0	11	0
October	11.9	NE.	39	E.	0	8	28	19	1	0	0	1	5	0	17	10	4	4	3	0	0	0	1	0	0	0	0	1	0
November	11.0	N.	30	E.	0	21	4	16	3	2	3	2	9	0	14	12	4	5	4	0	0	0	5	2	0	0	0	2	0
December	11.5	N.	39	SE.	1	26	6	9	2	3	3	4	9	0	9	13	9	6	4	0	0	0	5	1	0	0	1	0	0
Year	10.5	E.	[1] 75	SE.	12	129	99	126	89	74	41	56	113	3	158	148	59	109	87	0	0	1	36	9	0	70	2	95	0

TATOOSH ISLAND, WASH.

[H=101 ft.; H_b=86 ft.; h_t=10 ft.; h_r=3 ft.; h_a=54 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	21.3	E.	59	SW.	22	0	3	23	5	19	3	6	1	2	2	2	27	26	25	7	6	0	0	3	2	0	5	0	0
February	18.7	E.	46	E.	15	0	0	34	4	7	5	2	3	1	7	4	17	15	15	0	0	0	0	3	0	0	0	0	0
March	14.3	S.	56	SW.	10	0	2	10	8	17	14	7	4	0	1	5	25	26	23	7	5	0	0	0	0	0	0	0	0
April	13.0	E.	38	E.	6	2	7	18	3	11	7	8	4	0	13	5	12	10	10	0	0	0	0	0	0	0	0	0	0
May	8.4	W.	37	W.	1	0	1	4	3	10	16	24	1	3	5	10	16	7	5	0	0	0	3	5	0	0	0	0	0
June	9.3	W.	36	S	2	2	1	4	3	11	11	20	1	7	4	6	20	20	13	0	0	0	0	6	0	0	0	0	0
July	9.6	S.	29	S.	0	0	5	3	0	23	17	9	1	4	6	7	18	9	5	0	0	0	6	14	0	0	0	0	0
August	9.0	SW.	32	E.	1	2	4	8	1	15	23	3	5	1	7	3	21	5	5	0	0	0	11	16	0	0	0	0	0
September	10.3	S	42	S.	1	0	7	10	3	17	13	5	4	1	2	9	19	5	5	0	0	0	9	13	0	0	0	0	0
October	13.1	E.	42	S.	4	0	7	21	4	11	7	7	5	0	5	10	16	11	10	0	0	0	3	6	0	0	0	1	0
November	14.5	E.	43	SW.	11	1	1	35	5	12	2	4	0	0	5	4	21	16	15	0	0	0	2	4	0	0	0	0	0
December	19.7	E.	57	S.	18	0	1	31	8	16	3	3	0	0	5	3	23	19	18	0	0	0	0	0	0	0	0	0	0
Year	13.4	E.	59	SW.	91	7	39	201	47	169	121	98	29	19	62	68	235	169	149	14	11	0	34	70	2	0	5	1	0

TERRE HAUTE, IND.

[H=503 ft.; H_b=755 ft.; h_t=63 ft.; h_r=61 ft.; h_a=149 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.2	S.	38	W.	1	7	7	4	8	14	5	8	9	0	10	6	15	8	6	9	2	0	9	2	7	0	23	0	0
February	10.8	SW.	29	SW.	0	8	8	3	2	8	13	3	11	0	7	5	16	5	4	6	0	0	6	1	3	0	22	0	0
March	11.7	S.	37	S.	1	6	7	10	11	10	11	2	5	0	4	9	18	14	10	1	0	2	1	0	0	0	8	3	0
April	10.1	N.	36	NW.	1	16	14	7	9	3	3	1	7	0	4	11	15	11	8	1	0	0	4	0	0	0	2	1	0
May	9.2	NE.	33	SE.	1	9	18	9	5	7	6	3	5	0	5	7	19	19	14	0	0	1	1	0	0	0	0	6	0
June	8.5	SW.	26	W.	0	3	5	5	8	12	16	7	4	0	7	9	14	14	13	0	0	0	0	0	0	3	0	9	0
July	7.0	SW.	23	SW.	0	12	7	2	11	3	19	3	5	0	15	9	7	9	6	0	0	0	2	0	0	20	0	13	0
August	7.4	SW.	37	W.	1	13	12	3	6	9	16	2	1	0	11	12	8	7	6	0	0	0	2	1	0	14	0	9	0
September	7.5	SW.	23	SW.	0	10	8	3	7	14	13	3	2	0	19	3	8	6	5	0	0	0	4	0	0	7	0	1	0
October	7.7	SE.	26	NW.	0	5	5	7	6	9	8	4	8	0	11	6	14	9	7	0	0	0	1	0	0	0	2	0	0
November	9.4	SW.	24	S	0	13	7	4	8	11	8	7	2	0	5	2	23	15	9	2	1	0	3	0	2	0	9	0	0
December	9.5	NW.	31	NW.	0	2	5	4	10	6	11	10	14	0	7	5	19	13	7	15	7	0	3	2	12	0	25	0	0
Year	9.1	SW.	38	W.	5	104	103	61	101	106	129	53	73	0	105	84	176	130	95	34	10	3	36	6	24	44	91	42	0

TOLEDO, OHIO

[H=589 ft.; H_b=628 ft.; h_t=79 ft.; h_r=72 ft.; h_a=87 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	10.8	W.	34	W.	1	10	2	8	5	5	9	14	9	0	8	5	18	10	8	13	2	0	8	4	15	0	26	1	0
February	10.6	W.	25	NW.	0	7	8	5	4	3	7	11	11	0	2	8	18	15	9	19	11	0	3	2	10	0	26	1	0
March	11.0	E.	32	W.	1	5	6	15	5	2	14	7	8	0	9	10	12	18	9	6	4	0	2	0	3	0	15	1	0
April	10.2	E.	31	E.	0	10	7	20	4	1	2	7	9	0	8	8	14	9	7	3	2	0	7	0	0	0	4	0	0
May	9.3	E.	27	E.	0	12	9	19	4	1	4	5	8	9	12	7	12	13	11	0	0	0	6	1	0	0	0	4	0
June	8.8	W.	32	W.	1	1	2	10	7	6	16	8	10	0	11	10	9	14	11	0	0	0	1	0	0	0	0	7	0
July	7.8	W.	21	NW.	0	7	4	8	8	2	8	16	9	0	15	9	7	8	4	0	0	0	1	0	6	7	0	12	0
August	7.7	SE.	32	W.	1	8	6	4	2	4	15	10	8	0	9	12	10	11	8	0	0	0	3	1	0	2	0	10	0
September	8.5	SW.	23	SW.	0	11	6	4	2	4	15	10	8	0	13	11	6	9	6	0	0	0	0	0	0	1	0	2	1
October	8.7	W.	30	W.	0	4	2	9	6	9	8	17	7	0	12	8	11	9	7	0	0	0	8	0	0	0	2	1	0
November	10.1	W.	29	W.	0	7	12	2	5	8	11	11	4	0	3	5	22	16	10	4	4	0	11	0	3	0	9	1	0
December	9.9	W.	26	W.	0	6	3	7	4	3	6	20	13	0	3	6	22	15	9	20	13	0	6	3	18	0	27	0	0
Year	9.4	W.	34	W.	4	88	67	109	69	52	104	138	103	0	105	99	161	147	99	65	36	0	56	11	49	10	109	40	1

[1] Estimated.

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

TOPEKA, KANS.

[ϕ=39°3′ N.; λ=95°41′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	----	----	----	26.2	----	----	41.6	22.7	32.2	66	−7	----	----	----	----	----	----	----	----	----	0.85	0.68	0.1	----	----	----	5.7
February	----	----	----	31.1	----	----	44.9	28.5	36.7	74	10	----	----	----	----	----	----	----	----	----	1.09	.54	.1	----	----	----	5.8
March	----	----	----	43.0	----	----	61.8	40.3	51.0	87	13	----	----	----	----	----	----	----	----	----	.32	.28	.1	----	----	----	5.2
April	----	----	----	44.4	----	----	62.8	42.0	52.4	85	30	----	----	----	----	----	----	----	----	----	2.09	.71	T	----	----	----	6.3
May	----	----	----	54.3	----	----	67.6	51.1	59.4	90	38	----	----	----	----	----	----	----	----	----	11.08	3.79	.0	----	----	----	7.4
June	----	----	----	64.5	----	----	81.8	60.7	71.2	94	45	----	----	----	----	----	----	----	----	----	5.05	1.23	.0	----	----	----	5.5
July	----	----	----	79.5	----	----	99.7	74.4	87.0	106	66	----	----	----	----	----	----	----	----	----	.03	.01	.0	----	----	----	1.8
August	----	----	----	71.7	----	----	91.6	68.5	80.0	108	51	----	----	----	----	----	----	----	----	----	3.98	1.27	.0	----	----	----	4.1
September	----	----	----	60.0	----	----	80.7	57.5	69.1	93	40	----	----	----	----	----	----	----	----	----	5.45	4.00	.0	----	----	----	2.9
October	----	----	----	49.3	----	----	66.4	46.0	56.2	85	28	----	----	----	----	----	----	----	----	----	4.38	1.41	.0	----	----	----	5.7
November	----	----	----	36.0	----	----	48.4	33.3	40.8	68	25	----	----	----	----	----	----	----	----	----	2.57	1.13	1.5	----	----	----	6.8
December	----	----	----	26.7	----	----	40.1	24.4	32.2	57	4	----	----	----	----	----	----	----	----	----	.42	.21	.7	----	----	----	5.3
Year	----	----	----	48.9	----	----	65.6	45.8	55.7	108	−7	----	----	----	----	----	----	----	----	----	37.31	4.00	2.5	----	----	----	5.2

TRENTON, N. J.

[ϕ=40°13′ N.; λ=74°46′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.97	30.57	29.33	25.6	31.1	30.2	36.6	21.3	29.0	58	−2	19	20	21	73	63	68	0.124	0.133	0.135	3.27	0.93	15.5	6.6	6.1	4.3	6.1
February	29.85	30.56	29.29	27.7	35.1	32.3	38.6	22.7	30.6	60	2	21	24	23	75	63	68	.128	.135	.131	2.81	1.08	9.7	6.9	6.0	3.7	6.4
March	29.87	30.51	29.24	39.2	47.7	45.6	53.2	34.4	43.8	75	19	31	33	33	72	59	64	.182	.200	.202	2.17	.78	1.1	6.8	6.4	4.7	6.1
April	29.69	30.03	29.20	46.6	54.1	50.2	57.8	41.4	49.6	82	30	36	34	37	68	50	64	.219	.200	.228	1.46	.61	T	7.0	6.6	6.0	6.8
May	29.79	30.17	29.35	55.7	63.7	60.3	68.9	49.0	59.0	87	42	42	40	42	62	46	55	.281	.260	.285	1.47	1.05	.0	6.0	6.3	5.1	6.1
June	29.74	30.07	29.31	66.7	75.6	70.4	79.9	59.7	69.8	90	52	58	57	59	76	56	69	.496	.485	.501	4.09	1.44	.0	6.1	6.4	6.4	6.0
July	29.79	30.18	29.50	74.0	81.9	76.8	86.0	67.9	77.0	95	56	67	65	66	80	59	70	.676	.634	.648	4.07	1.78	.0	6.5	6.8	6.5	6.5
August	29.82	30.10	29.44	70.2	78.4	73.7	82.1	64.6	73.4	93	54	62	61	62	77	57	68	.580	.565	.575	3.09	1.39	.0	5.8	6.0	5.1	5.9
September	29.85	30.16	29.40	60.0	69.1	64.6	73.2	54.9	64.0	82	40	54	53	54	81	60	72	.433	.425	.442	5.42	3.04	.0	5.5	5.8	3.4	5.3
October	30.00	30.38	29.37	49.7	61.7	56.8	65.9	45.1	55.5	78	35	43	42	45	78	52	67	.290	.291	.323	4.73	2.47	.0	4.5	4.5	3.4	4.2
November	29.90	30.16	29.40	45.7	51.2	48.4	54.4	41.8	48.1	76	23	41	41	41	83	71	77	.278	.288	.286	4.27	1.24	2.0	8.2	7.6	6.3	7.5
December	29.83	30.52	29.31	27.0	32.3	30.7	34.9	23.7	29.3	56	8	21	21	22	77	63	68	.122	.123	.126	1.40	.49	6.9	7.3	5.9	6.0	6.5
Year	29.84	30.57	29.20	49.0	56.8	53.3	61.0	43.9	52.4	95	−2	41	41	42	75	58	68	.317	.312	.324	38.25	3.04	35.2	6.4	6.2	5.1	6.1

VALENTINE, NEBR.

[ϕ=42°50′ N.; λ=100°32′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	27.34	27.86	26.70	16.0	29.3	26.3	36.9	9.7	23.3	64	−24	11	15	16	81	60	68	0.081	0.099	0.101	0.37	0.17	4.2	3.6	5.3	6.3	5.5
February	27.37	27.87	26.80	25.5	38.2	37.0	43.9	22.0	33.0	64	−3	21	24	25	82	59	63	.116	.132	.135	.45	.23	3.7	5.3	5.2	6.1	5.5
March	27.16	27.52	26.44	30.2	45.0	44.5	50.7	25.6	38.2	76	8	20	21	22	67	44	48	.111	.116	.121	1.29	.44	9.6	4.0	5.4	5.8	5.1
April	27.23	27.70	26.79	35.5	45.2	45.6	50.2	31.8	41.0	78	16	29	30	32	79	62	63	.163	.173	.182	4.45	2.05	12.2	7.3	6.9	6.0	6.7
May	27.30	27.73	26.78	44.8	55.0	54.7	58.6	41.9	50.2	74	30	41	44	44	86	67	68	.261	.294	.297	4.36	1.36	T	7.8	8.2	7.7	8.0
June	27.23	27.44	26.90	57.4	71.9	71.4	76.2	52.8	64.5	95	37	52	52	54	84	52	56	.403	.393	.422	3.00	1.18	.0	5.1	4.6	5.2	4.8
July	27.28	27.64	27.02	70.7	87.9	88.9	93.3	67.4	80.4	106	58	60	58	58	70	38	37	.521	.487	.491	1.30	.66	.0	3.6	2.6	3.7	3.1
August	27.28	27.54	26.93	62.6	80.9	80.7	85.9	58.2	72.0	104	34	52	52	52	70	39	40	.397	.402	.400	.44	.21	.0	3.2	2.8	4.2	3.5
September	27.31	27.77	27.00	51.9	73.5	72.5	78.6	48.6	63.8	96	32	42	43	48	70	37	37	.273	.287	.294	.58	.36	.0	3.0	3.6	3.3	3.6
October	27.35	27.86	26.88	37.0	55.9	52.9	61.8	32.2	47.0	82	9	29	31	29	72	42	42	.166	.181	.166	.08	.05	.5	4.4	4.0	3.3	5.3
November	27.35	27.78	26.76	24.0	39.5	35.1	44.7	19.1	31.9	65	3	19	23	23	80	53	63	.104	.125	.123	.16	.13	.4	6.2	5.4	5.9	5.9
December	27.33	27.83	26.75	22.0	32.0	27.9	36.3	15.3	25.8	51	−6	18	22	21	83	66	76	.101	.118	.116	.32	.14	2.4	5.3	6.4	5.5	6.1
Year	27.29	27.87	26.44	39.8	54.5	53.1	59.8	35.4	47.6	106	−24	33	35	35	77	52	55	.225	.234	.237	16.80	2.05	33.0	4.9	5.0	5.2	5.3

VICKSBURG, MISS.

[ϕ=32°22′ N.; λ=90°53′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.91	30.34	29.60	44.3	53.5	53.5	60.3	41.1	50.7	80	15	39	40	41	82	62	63	0.271	0.279	0.288	2.38	1.37	6.0	5.2	6.3	5.1	6.0
February	29.88	30.41	29.53	45.6	55.2	55.7	61.0	43.1	52.0	74	24	40	41	41	82	62	62	.267	.277	.278	2.88	1.32	.0	5.2	5.0	4.5	5.0
March	29.80	30.18	29.35	56.5	68.2	68.4	73.5	54.6	64.0	86	34	51	52	53	84	58	60	.409	.416	.425	3.18	2.69	T	6.9	5.9	5.6	6.7
April	29.68	29.97	29.27	59.0	68.1	68.5	72.6	57.2	64.9	83	46	54	54	55	84	62	64	.435	.433	.452	2.97	1.08	.0	4.9	5.7	5.6	6.1
May	29.71	29.92	29.40	67.5	78.5	76.0	81.9	64.6	73.2	92	56	63	63	64	86	60	68	.583	.578	.610	9.85	6.23	.0	5.5	6.8	6.9	6.5
June	29.72	29.88	29.46	72.6	82.9	80.5	86.7	69.3	78.0	93	65	66	66	67	80	57	65	.644	.640	.666	5.26	2.48	.0	5.1	5.3	5.5	5.4
July	29.74	29.92	29.54	76.8	87.8	84.7	91.6	74.3	83.0	97	69	71	69	71	83	55	65	.761	.714	.764	1.90	1.21	.0	4.4	4.9	5.7	5.3
August	29.71	29.90	29.59	75.5	88.2	83.8	91.8	73.4	82.6	100	63	70	70	70	84	55	65	.740	.729	.749	1.76	.96	.0	3.7	3.9	6.0	4.6
September	29.74	29.90	29.57	68.3	81.4	77.3	84.6	66.5	75.6	93	52	64	64	65	87	58	68	.602	.620	.632	2.08	.88	.0	5.0	5.8	6.0	5.5
October	29.86	30.15	29.58	60.7	75.9	72.0	80.0	58.7	69.4	88	37	56	56	56	84	51	58	.466	.463	.463	1.09	1.02	.0	4.4	4.4	3.3	4.3
November	29.89	30.25	29.55	49.4	59.6	58.0	64.8	46.9	55.8	85	30	44	43	44	83	58	63	.323	.311	.323	6.05	3.64	.0	6.2	4.9	5.2	5.2
December	29.93	30.31	29.46	37.9	47.5	47.0	52.3	36.2	44.2	68	22	31	32	31	76	56	56	.184	.191	.189	3.42	1.71	3.0	4.6	5.8	5.5	5.7
Year	29.80	30.41	29.27	59.5	70.6	68.8	75.1	57.2	66.1	100	15	54	54	55	83	58	63	.474	.471	.487	47.82	6.23	9.0	5.1	5.4	5.4	5.5

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

TOPEKA, KANS.

[H=926 ft.; H_b=987 ft.; h_t=65 ft.; h_r=61 ft.; h_a=87 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*			*	*	*	*	*	*	*	*	*																
January	9.5	S.	29	NW.	0	4	2	3	5	6	3	2	6	0	13	5	13	7	4	3	1	0	14	5	5	0	24	0	0
February	9.7	N.	28	NW.	0	4	1	3	0	6	3	5	6	0	11	5	12	6	5	3	1	0	7	1	5	0	21	1	0
March	11.7	S.	32	SW.	1	3	4	3	1	9	4	3	4	0	9	13	9	5	1	2	1	0	1	0	0	0	8	0	0
April	11.1	NE.	32	NW.	1	1	8	5	4	3	2	1	5	1	6	11	13	8	6	1	0	0	3	0	0	0	3	2	0
May	9.5	E.	34	S.	1	5	2	8	7	1	0	1	7	0	2	14	15	17	13	0	0	0	9	0	0	0	0	11	0
June	8.9	S.	28	NW.	0	2	1	1	4	10	3	6	3	0	6	18	6	19	13	0	0	1	0	0	0	2	0	12	0
July	8.3	S.	21	NE.	0	2	1	1	7	10	7	1	1	1	24	7	0	3	0	0	0	0	0	0	0	30	0	4	0
August	8.3	S.	25	NW.	0	1	1	6	6	8	3	2	4	0	14	11	6	13	8	0	0	0	0	0	0	19	0	11	0
September	8.7	S.	21	N.	0	3	0	2	1	13	4	5	2	0	19	4	7	8	6	0	0	0	1	1	0	10	0	2	0
October	8.7	S.	26	SW.	0	2	3	3	6	7	1	6	3	0	8	14	9	14	11	0	0	1	10	1	0	0	3	8	0
November	9.3	S.	23	NW.	0	1	3	0	3	5	3	5	10	0	9	3	18	9	7	3	1	0	9	1	1	0	16	2	0
December	8.7	S.	30	NW.	0	3	0	0	5	4	3	9	7	0	11	12	8	7	5	7	3	0	3	0	8	0	24	0	0
Year	9.4	S.	34	S.	3	31	26	35	49	82	36	46	58	2	132	117	116	116	79	19	7	2	57	9	19	61	99	53	0

TRENTON, N. J.

[H=56 ft.; H_b=190 ft.; h_t=88 ft.; h_r=83 ft.; h_a=106 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.8	N.	38	NW.	2	18	6	6	0	5	6	5	16	0	10	6	15	13	8	14	8	0	10	5	10	0	25	0	0
February	8.3	N.	16	S.	0	16	6	2	0	9	8	8	7	0	5	13	10	9	8	12	5	0	8	3	5	0	25	0	0
March	8.7	S.	18	S.	0	8	8	3	1	18	5	4	15	0	12	2	17	12	9	4	1	1	8	2	0	0	13	1	0
April	11.1	NW.	30	NE.	0	14	9	4	2	6	6	6	13	0	4	11	15	12	8	1	0	0	6	1	0	0	2	1	0
May	8.8	N.	21	W.	0	14	4	4	3	17	8	1	11	0	9	10	12	10	5	0	0	0	8	1	0	0	0	4	0
June	8.4	S.	21	N.	0	15	4	1	9	14	3	7	7	0	9	11	10	12	10	0	0	0	9	1	0	1	0	9	0
July	8.3	S.	30	NE.	0	7	5	3	10	23	8	4	2	0	4	13	14	12	10	0	0	0	9	0	0	9	0	8	0
August	7.5	N.	30	S.	0	15	7	4	8	14	4	1	9	0	8	13	10	11	6	0	0	1	9	0	0	3	0	5	0
September	8.0	S.	24	N.	0	15	6	2	2	18	7	2	8	0	11	10	9	7	6	0	0	0	14	2	0	0	0	1	0
October	8.6	S.	24	S.	0	8	8	1	6	15	6	6	12	0	14	10	7	12	7	0	0	0	15	2	0	0	0	2	0
November	10.2	N.	28	S.	0	24	5	3	4	9	1	7	7	0	6	4	20	15	11	3	2	0	13	0	0	0	4	1	0
December	10.4	NW.	32	NW.	1	13	5	0	1	8	8	8	19	0	7	11	13	11	11	15	6	0	8	0	11	0	22	0	0
Year	9.0	N.	38	NW.	3	167	73	33	46	156	70	59	126	0	99	114	152	136	99	49	22	2	117	17	26	13	91	32	0

VALENTINE, NEBR.

[H=2,581 ft.; H_b=2,598 ft.; h_t=46 ft.; h_r=36 ft.; h_a=54 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.6	W.	25	SW.	0	8	5	7	2	3	5	26	5	1	10	9	12	6	4	12	6	0	5	1	12	0	30	0	0
February	9.5	W.	26	NW.	0	13	1	3	2	9	3	16	9	0	10	8	10	6	5	10	5	0	4	1	3	0	28	0	1
March	11.1	W.	31	NW.	0	7	2	4	5	8	4	20	11	1	11	10	10	8	7	8	7	0	4	2	4	0	22	0	0
April	12.5	N.	30	N.	0	16	3	9	10	6	2	8	6	0	8	4	18	12	11	10	7	0	5	1	2	0	14	2	0
May	10.7	E.	30	SE.	1	12	6	14	8	5	3	8	6	0	3	7	21	17	13	2	0	1	8	1	0	0	2	4	0
June	9.7	S.	27	NW.	0	11	3	7	5	9	7	8	8	2	10	14	6	11	9	0	0	2	1	1	0	3	0	6	0
July	8.9	S.	34	SW.	1	5	10	6	5	20	9	2	5	0	17	13	1	9	5	0	0	0	0	0	0	21	0	12	0
August	9.8	S.	28	SW.	0	14	4	6	6	9	11	8	3	1	19	7	5	6	4	0	0	0	1	0	0	15	0	10	0
September	8.7	N.	24	S.	0	12	4	8	3	9	6	12	5	1	17	8	5	3	3	0	0	1	1	1	0	5	1	1	0
October	9.0	W.	24	N.	0	12	2	4	4	14	5	13	7	1	15	9	7	4	1	4	4	0	1	0	2	0	17	0	0
November	8.7	W.	26	N.	0	10	5	2	1	6	6	19	11	0	6	12	12	5	2	11	4	0	3	0	5	0	30	0	0
December	8.5	W.	31	NW.	0	15	1	1	3	4	7	20	10	1	9	9	13	8	3	17	5	0	8	1	11	0	31	0	0
Year	9.6	W.	39	SE.	2	135	46	71	54	102	68	160	86	8	135	110	120	95	67	74	38	4	41	9	39	44	175	35	1

VICKSBURG, MISS.

[H=226 ft.; H_b=247 ft.; h_t=65 ft.; h_r=58 ft.; h_a=73 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.2	N.	25	SE.	0	13	9	7	10	11	4	1	6	1	9	6	16	7	5	2	2	0	0	0	2	0	7	2	0
February	8.1	N.	28	S.	0	9	7	4	4	11	3	4	14	0	13	2	13	11	7	0	0	0	2	1	0	0	3	5	0
March	9.6	S.	24	S.	0	4	4	2	14	29	5	1	3	0	5	10	16	11	10	1	0	0	1	1	0	0	0	8	0
April	7.6	NW.	25	NW.	0	4	8	9	8	10	5	3	12	1	9	5	16	8	5	0	0	0	2	1	0	0	0	8	0
May	7.0	SE.	27	W.	0	8	6	7	13	17	4	3	4	0	5	14	12	8	7	0	0	0	3	0	0	1	0	9	0
June	6.8	SE.	27	NE.	0	2	4	10	14	16	8	3	3	0	10	11	9	9	9	0	0	0	0	0	0	5	0	10	0
July	5.9	SE.	28	E.	0	11	7	4	13	9	5	7	6	0	8	15	8	7	4	0	0	0	3	1	0	23	0	7	0
August	6.2	N.	37	NE.	1	11	7	4	9	13	9	9	0	0	14	11	6	7	4	0	0	0	3	1	0	23	0	11	0
September	6.2	E.	15	SE.	0	19	4	20	12	1	0	0	3	1	11	8	11	8	7	0	0	0	3	1	0	7	0	3	0
October	6.9	SE.	15	S.	0	11	6	18	9	8	4	4	2	0	13	11	7	4	3	0	0	0	3	1	0	0	0	4	0
November	7.2	N.	23	NW.	0	12	10	7	10	7	2	3	9	0	12	7	11	6	5	0	0	0	6	0	0	0	1	1	0
December	7.2	N.	18	NW.	0	14	5	11	10	4	8	2	8	0	9	10	12	8	5	2	2	0	2	1	0	0	10	0	0
Year	7.2	SE.	37	NE.	1	118	77	103	126	136	57	40	70	3	118	110	137	94	71	5	4	0	28	7	2	59	21	68	0

* Wind direction frequency at 8 a. m., only for Topeka, Kans.

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

WALLA WALLA, WASH.

[ϕ=46°2′ N.; λ=118°20′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	28.94	29.56	28.38	34.4	39.3	38.5	42.8	30.1	36.4	69	−4	26	28	29	74	68	73	0.150	0.163	0.168	1.18	0.38	3.9	7.3	7.7	7.7	8.9
February	29.13	29.57	28.45	36.3	42.4	43.8	46.0	33.7	39.8	57	27	31	32	34	82	70	70	.174	.184	.194	.83	.33	.3	5.8	6.1	7.8	7.2
March	28.87	29.30	28.41	39.8	47.4	49.0	51.8	36.1	44.0	71	28	28	30	29	64	51	46	.158	.167	.163	1.15	.49	1.1	6.5	6.6	6.1	6.8
April	28.89	29.27	28.28	41.8	53.6	57.8	59.1	39.9	49.5	71	24	32	32	32	70	46	41	.186	.185	.183	2.13	.66	T	5.4	5.2	4.6	5.3
May	28.92	29.32	28.52	49.8	66.5	70.3	72.2	48.1	60.2	86	40	34	33	30	56	30	25	.203	.189	.175	.33	.25	.0	3.8	3.8	4.0	4.0
June	28.88	29.19	28.55	57.7	73.0	77.7	79.4	55.7	67.6	92	47	42	40	37	56	31	25	.266	.247	.223	.86	.39	.0	4.9	3.8	5.5	4.7
July	28.87	29.13	28.57	63.4	80.1	86.2	87.9	62.1	75.0	109	51	43	42	40	49	27	22	.276	.270	.248	.20	.17	.0	3.8	2.3	2.3	2.6
August	28.88	29.21	28.61	61.1	79.3	85.3	86.5	58.9	72.7	98	50	42	42	38	52	27	20	.276	.268	.237	.19	.16	.0	2.2	1.7	1.4	1.8
September	28.89	29.25	28.51	59.0	76.0	80.9	82.7	56.2	69.4	97	42	39	39	38	48	28	23	.242	.245	.231	.10	.10	.0	2.2	2.4	3.1	2.8
October	29.01	29.57	28.51	46.7	57.3	59.3	63.3	43.1	53.2	84	15	37	38	38	70	52	48	.232	.245	.244	1.26	.38	1.5	4.5	4.7	5.6	5.3
November	29.21	29.42	28.58	33.8	39.4	39.6	44.0	30.2	37.1	62	9	27	28	29	75	68	70	.151	.160	.171	.59	.17	.1	4.8	6.4	5.2	7.5
December	29.11	29.62	28.50	32.4	31.6	34.4	37.7	29.4	33.6	56	22	29	30	30	87	84	86	.158	.165	.170	1.39	.62	.1	7.8	8.2	7.5	9.1
Year	28.97	29.62	28.28	46.4	57.4	60.2	62.8	43.6	53.2	109	−4	34	34	34	65	48	46	.206	.207	.201	10.12	.66	7.0	4.9	4.9	5.1	5.5

WASHINGTON, D. C.

[ϕ=38°54′ N.; λ=77°3′ W.]

January	30.08	30.64	29.44	28.8	33.8	34.3	40.7	25.9	33.3	59	−2	21	22	24	72	64	66	0.129	0.139	0.150	5.27	2.05	24.4	6.2	5.1	4.2	6.2
February	29.95	30.64	29.39	30.4	37.7	37.6	43.9	26.9	35.4	68	6	23	24	24	72	58	58	.132	.137	.136	2.37	1.12	3.5	6.5	6.3	4.1	5.9
March	29.96	30.60	29.36	44.2	53.2	52.0	60.1	40.3	50.2	80	25	35	35	35	70	53	56	.214	.216	.218	3.39	1.42	.5	7.3	6.5	5.9	6.0
April	29.79	30.12	29.29	47.4	55.5	54.8	60.6	43.2	51.9	80	30	36	37	37	69	54	56	.221	.226	.228	3.95	2.00	T	7.0	6.7	6.2	6.2
May	29.89	30.25	29.51	57.7	65.5	64.3	71.3	52.4	61.8	89	44	45	44	48	66	50	59	.321	.315	.352	3.54	1.06	.0	6.2	6.7	5.4	5.7
June	29.82	30.14	29.46	69.5	79.1	75.7	83.6	63.3	73.4	95	56	59	57	62	71	48	63	.516	.481	.560	3.43	.97	.0	3.9	5.6	5.9	4.8
July	29.88	30.26	29.61	75.3	83.9	81.2	88.4	70.5	79.4	98	61	67	66	68	77	55	65	.676	.636	.687	2.25	.69	.0	5.4	6.5	6.2	5.4
August	29.89	30.14	29.57	71.9	80.3	77.2	85.1	68.5	76.8	98	54	63	61	64	76	54	65	.601	.561	.613	2.40	1.03	.0	6.3	6.6	5.5	6.2
September	29.94	30.24	29.52	62.4	71.4	67.8	75.9	58.1	67.0	89	41	57	57	58	83	63	74	.480	.482	.507	8.08	4.49	.0	5.7	5.7	3.6	5.3
October	30.08	30.46	29.47	51.8	63.6	59.0	68.5	48.0	58.2	82	35	45	45	47	77	54	68	.314	.325	.349	2.76	1.74	.0	4.5	3.6	3.5	4.7
November	29.99	30.33	29.52	40.8	53.9	51.0	57.1	43.4	50.2	79	24	41	41	42	80	63	71	.282	.288	.290	4.03	1.15	T	6.8	7.0	5.3	7.2
December	29.96	30.59	29.53	29.3	34.6	33.2	37.8	26.4	32.1	62	4	21	22	23	70	60	65	.123	.128	.132	2.06	.76	11.0	7.5	6.5	5.5	6.6
Year	29.94	30.64	29.29	51.3	59.4	57.3	64.4	47.2	55.8	98	−2	43	43	44	74	56	64	.334	.328	.352	43.53	4.49	39.4	6.1	6.1	5.1	5.8

WICHITA, KANS.

[ϕ=37°41′ N.; λ=97°20′ W.]

January	28.68	29.15	27.99	30.1	39.8	39.0	45.5	25.9	35.7	69	−7	25	26	27	81	60	64	0.151	0.158	0.166	0.87	0.83	0.1	4.4	4.5	4.9	5.4
February	28.67	29.21	28.02	33.0	42.1	43.7	48.5	30.4	39.4	79	11	27	26	27	78	57	56	.149	.146	.149	1.39	.68	.2	4.2	5.0	4.9	5.3
March	28.47	28.96	27.97	46.2	56.3	57.2	62.2	42.7	52.4	83	16	35	28	33	67	38	45	.221	.158	.209	.98	.34	1.0	5.4	4.8	5.4	5.4
April	28.48	28.93	28.06	45.6	56.2	57.7	61.9	43.7	52.8	83	33	37	36	37	71	50	50	.234	.224	.235	1.86	.93	.0	6.4	7.3	6.9	6.5
May	28.49	28.91	28.05	55.5	63.5	64.4	68.0	53.4	60.7	85	40	51	51	54	84	67	70	.385	.399	.436	11.22	3.02	.0	7.5	8.2	7.6	7.9
June	28.48	28.76	28.17	65.3	76.0	76.4	80.2	62.2	71.2	93	46	60	59	60	82	58	59	.523	.517	.537	7.21	2.69	.0	6.5	6.1	5.4	6.0
July	28.55	28.80	28.32	76.1	91.1	91.5	95.0	74.2	84.6	102	64	66	63	63	72	40	40	.650	.587	.576	.39	.37	.0	1.7	3.3	2.4	2.2
August	28.51	28.77	28.26	72.9	87.3	88.9	92.9	71.2	82.0	105	52	60	58	57	66	40	37	.534	.501	.486	1.55	.62	.0	4.1	3.7	4.2	4.1
September	28.58	28.89	28.38	61.4	76.5	76.2	81.4	59.7	70.6	91	42	54	51	52	77	44	47	.427	.390	.411	3.11	1.39	.0	3.2	3.5	2.9	3.3
October	28.64	29.13	28.20	52.0	61.7	61.2	66.5	48.4	57.4	86	32	46	46	46	79	59	62	.325	.328	.336	4.41	2.02	.0	6.0	6.1	5.1	5.8
November	28.65	29.00	28.03	37.4	45.7	43.8	49.3	34.4	41.8	65	24	33	34	36	85	66	75	.198	.203	.218	2.99	1.61	.1	5.8	6.0	5.9	6.5
December	28.69	29.14	28.16	29.7	38.0	37.8	42.2	27.5	34.8	58	12	24	26	28	78	64	68	.135	.151	.159	.25	.13	.1	4.7	6.7	4.6	5.6
Year	28.57	29.21	27.97	50.4	61.2	61.5	66.1	47.8	57.0	105	−7	43	42	43	77	53	56	.328	.314	.326	36.23	3.02	1.5	5.0	5.4	5.0	5.3

WILLISTON, N. DAK.

[ϕ=48°9′ N.; λ=103°35′ W.]

January	28.09	28.69	27.44	1.0	7.8	6.6	15.0	−6.4	4.3	38	−40	−1	3	2	90	78	81	0.050	0.061	0.057	0.69	0.15	7.2	5.4	6.0	5.5	6.6
February	28.11	28.49	27.64	16.4	25.6	26.3	31.2	12.9	22.0	47	−8	14	19	20	89	74	77	.084	.103	.110	.02	.02	.3	3.8	4.5	5.1	4.9
March	27.86	28.26	27.37	19.1	30.5	30.4	36.6	14.8	25.7	65	−26	16	21	20	85	69	68	.097	.119	.115	.54	.33	5.8	5.5	5.1	4.4	5.3
April	28.00	28.58	27.49	31.5	45.5	46.7	50.5	20.6	40.0	76	8	26	27	27	82	52	52	.146	.149	.152	1.02	.48	2.4	4.6	4.2	4.7	4.7
May	28.05	28.43	27.64	44.0	53.5	54.4	57.4	41.1	49.2	74	31	39	38	38	82	59	59	.238	.231	.236	2.42	.48	1.6	6.2	6.5	6.2	6.6
June	27.88	28.20	27.38	53.8	66.1	67.9	71.3	50.6	60.8	91	38	47	47	47	80	53	49	.335	.329	.333	3.08	1.51	.0	4.7	4.9	4.6	5.2
July	27.95	28.28	27.65	64.8	81.1	81.9	86.0	61.3	73.6	103	50	59	60	59	82	50	49	.507	.526	.519	4.88	1.17	.0	3.9	2.2	3.1	3.1
August	27.96	28.31	27.51	56.3	74.2	75.7	79.9	53.7	66.8	103	37	47	46	44	73	40	36	.333	.319	.295	1.09	.41	.0	3.2	3.0	3.7	3.4
September	28.00	28.47	27.64	45.9	66.7	67.3	72.3	44.1	58.2	87	26	38	39	37	75	39	36	.229	.242	.224	.20	.17	.0	3.2	3.6	3.7	3.7
October	28.03	28.41	27.45	33.1	51.4	49.5	56.3	30.3	43.3	77	−1	26	26	27	74	42	45	.142	.147	.152	.14	.06	.7	3.5	2.8	3.2	3.5
November	28.07	28.62	27.67	14.3	23.2	22.7	28.7	10.5	19.6	44	−15	11	17	17	85	76	78	.076	.100	.100	1.14	.60	10.3	6.1	5.8	5.9	6.7
December	28.07	28.71	27.46	12.9	19.5	17.4	25.0	6.1	15.8	39	−19	9	13	13	84	75	80	.069	.085	.083	.51	.19	4.1	5.3	4.1	5.5	4.6
Year	28.01	28.71	27.37	32.8	45.4	45.6	50.9	29.0	39.9	103	−40	28	30	29	82	59	59	.192	.201	.198	15.73	1.51	32.4	4.6	4.4	4.5	4.9

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

WALLA WALLA, WASH.

[H=952 ft.; H_b=991 ft.; h_t=57 ft.; h_r=50 ft.; h_a=65 ft.]

Month	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Wind: Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: T or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Dense	Maximum temp.: 32° or below	Maximum temp.: 90° or above	32° Minimum temperature or below	Electricity: Thunderstorm	Electricity: Aurora
	Mi.		*Mi*																										
January	6.4	S.	24	S.	0	2	2	0	10	26	7	7	6	2	1	6	24	16	7	9	6	0	8	7	7	0	13	0	0
February	4.9	S.	25	W.	0	7	1	3	13	12	7	11	2	0	7	4	17	7	4	2	1	0	8	3	0	0	7	0	0
March	7.6	S.	27	SE.	0	4	0	5	9	20	12	11	1	0	6	11	14	14	7	6	5	0	1	1	0	0	5	1	0
April	6.2	S.	21	SE.	0	5	6	1	7	21	7	5	7	1	10	9	11	11	8	4	0	0	0	0	0	0	3	1	0
May	5.9	S.	20	W.	0	6	5	5	4	19	14	5	4	0	14	13	4	5	2	0	0	0	0	0	0	0	0	1	0
June	6.6	W.	19	W.	0	3	0	3	5	19	12	15	3	0	14	8	8	6	4	0	0	0	0	0	0	5	0	0	0
July	6.4	W.	24	W.	0	0	5	3	6	23	4	17	4	0	22	7	2	3	1	0	0	0	0	0	0	15	0	0	0
August	5.6	W.	21	W.	0	3	1	3	6	20	4	16	7	2	25	4	2	2	1	0	0	0	0	0	0	11	0	2	0
September	4.7	W.	16	W.	0	2	2	5	7	15	10	15	3	1	19	7	4	2	1	0	0	0	0	0	0	6	0	0	0
October	4.7	S.	16	SW.	0	2	2	1	7	25	12	11	1	1	13	6	12	10	9	2	1	2	0	1	2	0	5	1	0
November	4.5	S.	22	SE.	0	2	5	3	7	23	7	9	4	0	5	6	19	8	4	2	1	0	11	6	4	0	22	0	0
December	4.4	S.	20	SW.	0	6	2	2	3	12	17	12	8	0	2	2	27	11	9	3	1	0	13	7	16	0	23	0	0
Year	5.7	S.	27	SE.	0	42	31	34	84	235	113	124	50	7	138	83	144	95	57	28	15	2	41	25	29	37	78	6	0

WASHINGTON, D. C.

[H=72 ft.; H_b=112 ft.; h_t=62 ft.; h_r=42 ft.; h_a=85 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Fog: Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.2	NW.	32	NW.	1	14	4	7	4	5	10	5	12	1	10	5	16	11	10	8	6	0	12	5	9	0	22	0	0
February	7.6	NW.	24	NW.	0	4	10	3	0	9	2	7	18	3	7	9	12	11	8	8	6	0	15	1	3	0	18	0	0
March	7.7	S.	25	NW.	0	4	10	5	2	17	13	1	10	0	8	11	12	16	11	4	4	0	15	0	0	0	7	2	0
April	8.4	NW.	32	NW.	1	6	12	4	6	3	5	6	18	0	10	7	13	13	10	3	1	0	11	0	0	0	1	1	0
May	6.5	NW.	23	NW.	0	5	5	5	7	8	8	4	18	2	8	10	13	12	9	0	0	0	9	1	0	0	0	5	0
June	6.3	SW.	25	NW.	0	8	3	4	3	12	13	6	9	2	11	14	5	11	9	0	0	0	3	0	0	7	0	10	0
July	6.0	S.	21	NW.	0	6	7	4	7	15	15	4	3	1	6	18	7	12	8	0	0	0	5	0	0	11	0	7	0
August	6.1	NW.	17	SE.	0	8	7	11	7	6	11	1	10	1	4	16	11	10	7	0	0	0	4	0	0	8	0	5	0
September	5.1	S.	21	NW.	0	7	6	8	1	10	10	3	6	9	13	6	11	10	8	0	0	0	18	1	0	0	0	0	0
October	5.6	NW.	19	NW.	0	10	4	2	2	15	10	2	9	8	13	9	9	8	6	0	0	0	19	2	0	0	0	1	0
November	7.6	NW.	23	NW.	0	16	6	3	2	9	6	3	11	4	6	5	19	13	8	3	1	0	18	0	0	0	4	0	0
December	8.6	NW.	26	NW.	0	6	4	3	2	5	5	9	24	4	7	9	15	14	10	12	7	0	11	1	9	0	20	0	0
Year	6.9	NW.	32	NW.	2	94	78	59	43	114	108	51	148	35	103	119	143	141	104	38	25	0	140	11	21	26	72	31	0

WICHITA, KANS.

[H=1,300 ft.; H_b=1,358 ft.; h_t=85 ft.; h_r=78 ft.; h_a=93 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Fog: Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	11.4	N.	34	W.	2	12	8	4	11	9	13	1	3	1	11	8	12	3	2	2	1	0	7	3	4	0	19	0	0
February	11.2	N.	35	SW.	1	15	9	5	3	8	8	2	5	1	9	7	12	6	4	4	1	1	6	0	2	0	17	1	0
March	13.5	SW.	40	SW.	4	7	10	2	12	12	10	3	3	3	12	8	11	6	5	2	2	0	6	1	0	0	6	4	0
April	13.4	SE.	30	SE.	6	11	14	2	12	8	6	1	5	1	8	6	16	8	6	0	0	0	7	0	0	0	0	6	0
May	10.9	NE.	30	NW.	0	11	15	9	14	7	3	0	3	0	2	8	21	20	18	0	0	1	12	0	0	0	0	16	0
June	10.9	SE.	38	NW.	1	6	1	6	14	15	11	1	6	0	6	11	13	15	12	0	0	1	0	0	0	3	0	16	0
July	10.5	SW.	31	SW.	0	2	2	2	13	26	15	0	2	0	23	7	1	3	1	0	0	0	0	0	0	29	0	4	0
August	10.7	SW.	26	SW.	0	2	11	7	17	13	11	0	1	0	15	9	7	7	6	0	0	0	0	0	0	22	0	10	0
September	10.8	SW.	35	NE.	3	10	5	2	6	27	7	1	2	0	19	3	8	6	6	0	0	1	2	0	0	4	0	2	0
October	10.9	S.	38	S.	1	13	6	9	13	14	2	3	2	0	9	9	13	10	8	0	0	0	14	2	0	0	1	6	0
November	10.7	S.	26	SW.	0	16	3	4	10	14	5	2	6	0	8	7	15	10	5	2	1	0	12	3	0	0	10	4	0
December	9.3	N.	27	N.	0	9	8	4	5	11	8	3	14	0	9	10	12	4	2	3	1	0	10	1	4	0	22	0	0
Year	11.2	SW.	40	SW.	12	114	92	56	130	164	99	17	52	6	131	93	141	98	75	13	6	4	76	10	10	58	75	69	0

WILLISTON, N. DAK.

[H=1,878 ft.; H_b=1,878 ft.; h_t=41 ft.; h_r=33 ft.; h_a=48 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Fog: Light	Fog: Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.0	SW.	25	N.	0	8	5	1	11	8	11	10	7	1	5	11	15	11	8	17	11	0	5	5	24	0	31	0	0
February	7.2	W.	26	NW.	0	4	8	3	5	5	6	17	7	1	12	8	8	1	0	4	1	0	3	3	15	0	28	0	1
March	10.0	NW.	39	NW.	2	11	6	3	6	6	9	8	13	0	10	12	9	3	3	11	3	0	1	0	11	0	29	0	0
April	10.5	SE.	35	NW.	2	10	5	4	21	4	4	4	8	0	11	12	7	6	6	6	2	0	0	0	2	0	15	0	0
May	9.8	SE.	32	SE.	1	5	11	9	18	5	4	6	4	0	8	6	17	16	13	2	2	1	0	0	0	0	2	5	0
June	9.3	NW.	30	NW.	0	8	4	6	9	3	7	11	12	0	9	12	9	7	5	0	0	0	0	0	0	1	0	3	1
July	7.6	SE.	40	NW.	3	10	11	13	8	4	5	6	5	0	16	15	0	13	8	0	0	2	0	0	0	5	0	13	0
August	8.4	NW.	30	W.	0	8	6	6	12	6	1	8	15	0	19	9	3	7	5	0	0	1	0	0	0	8	0	6	3
September	8.2	W.	30	W.	0	4	10	3	7	4	10	11	10	1	14	11	5	2	1	0	0	0	1	1	0	0	2	0	11
October	8.6	W.	27	W.	0	9	5	9	6	8	9	9	7	0	17	8	6	3	3	3	1	0	0	0	3	0	18	0	7
November	6.8	W.	24	N.	0	4	8	4	7	10	8	7	12	0	5	11	14	8	5	15	8	0	6	2	20	0	30	0	3
December	6.5	SE.	27	NW.	0	9	8	3	12	10	7	9	3	1	14	7	10	7	5	14	7	0	5	1	20	0	31	0	0
Year	8.3	W.	40	NW.	8	90	87	64	122	73	81	106	103	4	140	122	103	84	62	72	35	4	21	12	95	14	186	27	26

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

WILMINGTON, N. C.

[ϕ=34°14′ N.; λ=77°57′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	30.10	30.53	29.57	43.3	51.9	48.5	56.1	39.0	47.6	72	15	37	38	39	80	62	72	0.256	0.273	0.278	2.89	1.54	T	6.0	6.6	4.9	6.4
February	30.02	30.51	29.45	42.0	53.4	49.3	58.7	38.6	48.6	74	22	36	38	40	80	58	71	.234	.250	.267	1.74	.97	0.0	4.9	5.4	4.4	4.9
March	30.05	30.52	29.41	54.5	66.5	60.3	70.4	50.8	60.6	88	31	48	49	52	80	55	74	.363	.380	.405	1.88	.93	.0	5.3	4.4	5.1	5.0
April	29.84	30.09	29.46	58.0	67.4	61.5	70.8	52.4	61.6	83	38	51	50	52	78	57	73	.396	.386	.409	1.89	.89	.0	4.7	5.1	4.4	5.2
May	29.96	30.21	29.55	67.2	75.9	69.1	78.3	59.9	69.1	91	51	59	56	60	77	53	74	.521	.470	.527	.97	.42	.0	4.0	5.0	4.9	5.1
June	29.92	30.17	29.70	76.2	83.3	76.9	85.5	69.7	77.6	92	59	68	64	68	75	54	75	.683	.610	.694	2.33	1.02	.0	3.6	3.7	4.2	4.2
July	29.96	30.28	29.63	76.7	81.7	77.2	83.9	71.8	77.8	92	65	72	70	72	84	70	84	.776	.750	.785	15.97	6.08	.0	6.1	6.8	6.7	6.7
August	29.92	30.07	29.78	76.2	83.9	78.0	86.1	71.6	78.8	97	63	71	70	71	85	63	81	.769	.725	.775	10.02	5.97	.0	5.5	6.1	4.2	5.7
September	29.95	30.20	29.48	70.5	79.4	73.3	81.5	66.5	74.0	90	54	66	66	68	88	65	83	.665	.650	.687	5.44	1.23	.0	5.2	5.1	3.8	5.5
October	30.12	30.41	29.72	59.7	72.8	65.5	75.5	55.0	65.2	85	38	54	55	58	82	55	76	.438	.457	.496	.19	.10	.0	3.8	4.7	2.9	4.3
November	30.02	30.40	29.70	53.1	62.3	58.1	65.2	50.0	57.6	80	27	48	49	51	84	64	78	.375	.388	.408	3.74	2.12	T	5.7	6.0	4.9	5.7
December	30.03	30.58	29.42	35.1	44.7	41.7	49.3	32.5	40.9	67	17	28	31	32	75	59	70	.176	.195	.204	5.01	2.83	.0	4.2	3.1	4.4	3.8
Year	29.99	30.58	29.41	59.4	68.6	63.3	71.8	54.8	63.3	97	15	53	53	55	81	60	76	.471	.461	.495	52.07	6.08	T	4.9	5.2	4.6	5.2

WINNEMUCCA, NEV.

[ϕ=40°58′ N.; λ=117°43′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	25.64	26.10	25.04	25.0	36.7	35.7	41.4	20.3	30.8	54	−6	22	26	27	86	65	70	0.117	0.144	0.147	1.30	0.44	13.0	5.7	5.1	6.0	5.6
February	25.72	26.17	25.29	27.7	43.0	43.6	47.7	24.6	36.2	63	11	25	28	28	88	56	57	.134	.153	.157	.96	.48	5.5	4.2	4.4	5.0	4.7
March	25.54	25.94	25.11	26.6	44.9	45.0	49.5	22.4	36.0	71	9	21	23	22	78	45	43	.113	.124	.116	1.06	.39	14.0	4.5	5.9	4.6	5.6
April	25.53	25.82	24.94	37.1	52.5	54.5	58.7	33.2	46.0	74	20	30	30	29	76	49	42	.168	.173	.161	3.34	.88	6.9	5.6	5.9	6.5	6.2
May	25.56	25.95	25.28	40.6	64.6	65.4	69.9	37.6	53.8	84	27	31	30	27	70	29	26	.178	.166	.152	1.49	1.01	T	3.9	4.5	4.9	4.6
June	25.58	25.85	25.27	49.7	78.8	80.4	83.7	47.7	65.7	94	36	34	33	30	57	20	16	.199	.192	.163	T	T	.0	1.7	2.3	3.1	2.6
July	25.60	25.82	25.40	55.6	84.7	85.5	90.3	53.6	72.0	105	42	34	36	31	46	18	15	.203	.215	.161	.01	.01	.0	1.7	2.4	2.7	2.3
August	25.60	25.84	25.37	53.9	87.1	87.4	92.1	51.1	71.6	102	43	30	32	32	41	15	15	.177	.193	.189	.01	.01	.0	1.0	1.1	1.8	1.2
September	25.63	25.81	25.39	47.9	81.4	80.4	85.9	43.2	64.6	93	33	26	30	30	43	16	16	.145	.167	.165	T	T	.0	1.6	1.9	2.7	2.2
October	25.69	26.19	25.09	32.9	60.6	58.2	65.5	29.0	47.2	87	11	25	28	27	74	31	35	.138	.156	.154	.43	.25	1.6	1.9	3.3	2.9	3.2
November	25.74	26.12	25.26	23.6	42.1	38.3	46.4	19.3	32.8	55	−2	21	26	27	88	55	64	.112	.144	.146	.51	.35	5.2	4.1	4.1	4.4	4.2
December	25.71	26.03	25.24	22.8	38.9	36.9	44.3	18.8	31.6	56	6	20	27	26	89	62	65	.112	.147	.142	1.46	.56	7.6	4.3	4.8	4.6	4.7
Year	25.63	26.19	24.94	37.0	59.6	59.3	64.6	33.4	49.0	105	−6	27	29	28	70	38	39	.150	.164	.154	10.59	1.01	53.8	3.4	3.8	4.1	3.9

WYTHEVILLE, VA.

[ϕ=36°56′ N.; λ=81°5′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	27.72	28.12	27.28	31.4	38.0	35.4	42.5	26.9	34.7	68	2	26	26	27	79	63	73	0.153	0.156	0.165	5.05	1.91	1.4	6.7	6.1	5.2	6.2
February	27.63	28.08	27.17	31.6	40.1	37.2	46.4	27.1	36.8	65	12	26	27	27	80	60	68	.148	.152	.155	2.17	.63	T	6.7	6.3	5.4	6.2
March	27.67	28.09	27.00	43.6	53.2	48.8	58.0	38.3	48.2	73	22	38	39	40	79	62	74	.245	.261	.266	5.08	.98	2.5	7.7	7.2	6.1	6.8
April	27.53	27.83	27.19	46.3	54.9	51.5	59.0	41.0	50.0	79	24	40	40	40	79	62	68	.256	.255	.259	3.60	.98	1.1	6.8	7.0	6.4	6.5
May	27.65	27.86	27.31	56.0	65.8	62.2	70.5	49.3	59.9	82	38	49	47	49	79	54	64	.360	.332	.357	3.65	1.05	.0	6.6	6.2	5.9	5.8
June	27.65	27.85	27.37	64.4	74.2	68.3	78.2	55.8	67.0	88	45	56	55	57	75	52	68	.461	.442	.473	2.85	.77	.0	5.2	5.3	5.4	5.0
July	27.70	28.01	27.42	68.2	78.6	72.2	82.7	62.4	72.6	87	55	64	63	65	86	61	78	.589	.585	.613	7.04	2.87	.0	5.5	6.3	6.7	6.1
August	27.70	27.84	27.56	67.4	77.5	71.8	81.3	61.6	71.4	91	45	63	61	62	85	60	73	.576	.553	.575	2.19	.74	.0	5.3	5.5	4.9	5.1
September	27.71	27.95	27.42	58.8	72.4	64.5	75.6	54.3	65.0	84	36	55	55	56	88	57	76	.444	.452	.465	4.55	4.07	.0	4.9	4.5	4.4	4.7
October	27.81	28.08	27.35	46.3	64.6	55.6	68.5	40.9	54.7	78	25	40	40	41	79	42	60	.259	.268	.275	2.34	2.07	T	4.0	3.9	2.9	3.6
November	27.70	28.00	27.34	41.8	51.5	46.2	54.9	37.1	46.0	74	18	36	37	38	82	60	73	.234	.240	.248	5.16	3.79	1.4	6.7	5.9	6.0	6.3
December	27.63	28.12	27.32	24.7	31.1	28.0	34.0	20.2	27.1	55	1	20	22	21	80	68	74	.113	.123	.118	1.51	.58	11.0	7.5	7.4	6.9	7.2
Year	27.68	28.12	27.00	48.4	58.5	53.5	62.6	42.9	52.8	91	1	43	43	44	81	58	71	.320	.318	.331	45.19	4.07	17.4	6.1	6.0	5.5	5.8

YAKIMA, WASH.

[ϕ=46°36′ N.; λ=120°30′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	28.85	29.45	28.27	29.1	34.4	34.9	39.2	24.9	32.0	58	−4	24	26	27	82	72	72	0.143	0.158	0.162	0.40	0.13	4.6	6.6	8.1	8.8	8.6
February	29.05	29.51	28.36	32.0	43.5	45.2	47.6	29.8	38.7	54	21	28	29	31	87	59	58	.156	.163	.171	.28	.13	.7	5.0	5.9	5.9	6.3
March	28.77	29.21	28.27	35.4	48.6	48.6	51.8	32.0	41.9	67	23	26	25	24	68	40	39	.141	.134	.131	.27	.15	1.9	5.4	5.4	6.4	6.0
April	28.82	29.19	28.26	40.1	57.7	60.2	62.1	38.0	50.0	78	22	26	22	23	56	26	26	.139	.122	.128	.06	.04	.2	4.8	4.9	4.5	4.7
May	28.86	29.27	28.45	49.5	69.3	70.6	73.5	47.5	60.5	85	37	34	31	32	56	26	25	.202	.181	.183	.09	.08	.0	4.5	5.0	4.3	4.4
June	28.82	29.10	28.53	56.1	73.5	76.3	79.2	53.9	66.6	96	48	42	41	43	60	33	32	.267	.266	.292	.09	.39	.0	5.6	5.0	5.6	5.1
July	28.81	29.08	28.53	61.8	80.7	84.9	87.3	60.1	73.7	106	48	45	43	43	56	27	24	.302	.285	.283	.12	.04	.0	3.9	3.5	2.7	2.0
August	28.82	29.17	28.56	58.2	79.2	82.8	84.9	56.4	70.6	96	46	45	44	44	61	29	27	.298	.289	.299	.01	.01	.0	1.7	2.0	2.4	1.9
September	28.83	29.20	28.47	56.1	77.8	80.0	82.3	53.5	67.9	95	43	43	43	44	62	31	30	.281	.290	.295	.03	.03	.0	3.4	3.4	3.5	3.4
October	28.94	29.49	28.43	42.0	58.5	58.2	61.8	38.5	50.1	88	21	35	35	37	76	42	46	.211	.219	.236	.44	.24	.5	4.2	5.7	5.9	5.4
November	29.05	29.34	28.47	29.1	40.3	39.9	43.5	26.9	35.2	59	9	24	27	27	82	62	62	.135	.153	.152	.54	.36	2.0	6.1	6.6	6.0	6.4
December	29.03	29.55	28.44	29.2	32.8	33.1	34.6	27.4	31.0	51	22	27	29	29	92	86	85	.147	.159	.160	.99	.24	2.3	7.6	8.7	8.3	9.1
Year	28.89	29.55	28.26	43.2	58.0	59.6	62.3	40.7	51.5	106	−4	33	33	34	70	44	44	.202	.202	.207	4.02	.39	12.2	4.9	5.4	5.4	5.4

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

WILMINGTON, N. C.

[H=6 ft.; H_b=72 ft.; h_t=73 ft.; h_r=65 ft.; h_a=107 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp. 32°: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		Mi.																											
January	9.6	N.	32	S.	1	16	14	5	1	6	6	6	8	0	7	10	14	11	6	3	0	0	13	2	0	0	11	0	0
February	9.7	N.	29	SW.	0	13	6	3	0	8	14	4	8	0	12	5	11	7	4	0	0	0	9	2	0	0	6	1	0
March	11.1	SW.	41	SW.	1	6	10	5	4	10	17	8	2	0	10	11	10	5	3	0	0	0	11	0	0	0	1	3	0
April	9.8	NW.	32	SW.	1	10	5	8	1	7	14	2	13	0	12	10	8	9	8	0	0	0	9	0	0	0	0	5	0
May	9.4	SW.	30	S.	0	7	7	6	5	7	17	4	8	1	11	9	11	7	7	0	0	0	6	0	0	1	0	8	0
June	9.0	SW.	27	NW.	0	3	5	3	5	11	22	4	7	0	15	11	4	8	6	0	0	0	5	2	0	1	0	10	0
July	9.0	SW.	30	S.	0	2	5	9	5	9	22	5	5	0	6	10	15	15	13	0	0	0	12	0	0	1	0	12	0
August	7.5	NE.	30	SW.	0	10	11	10	5	7	8	5	6	0	9	11	11	13	13	0	0	0	16	1	0	7	0	9	0
September	8.6	NE.	48	S.	2	11	24	4	5	6	5	2	3	0	11	8	11	15	12	0	0	0	18	2	0	1	0	7	0
October	7.8	NE.	25	N.	0	13	21	5	6	6	4	2	5	0	15	10	6	2	2	0	0	0	15	3	0	0	0	0	0
November	9.1	N.	33	S.	1	18	10	1	4	5	5	7	9	1	10	6	14	7	6	1	0	0	19	1	0	0	2	2	0
December	9.3	NW.	31	NW.	0	13	10	0	3	2	9	5	20	0	18	4	9	8	7	0	0	0	16	0	1	0	18	1	0
Year	9.2	SW.	48	S.	6	122	128	59	44	84	143	54	94	2	136	105	124	107	87	4	0	0	149	13	1	11	38	58	0

WINNEMUCCA, NEV.

[H=4,287 ft.; H_b=4,344 ft.; h_t=18 ft.; h_r=6 ft.; h_a=56 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.7	NE.	29	SW.	0	4	28	5	0	5	14	3	3	0	8	9	14	10	7	14	10	0	0	0	2	0	30	0	0
February	8.1	NE.	21	W.	0	8	24	2	0	3	11	4	4	0	13	5	10	7	6	8	5	0	0	0	0	0	25	0	0
March	8.8	SW.	35	NW.	1	2	13	1	0	6	27	8	5	0	10	5	16	7	6	14	7	0	0	0	0	0	31	0	0
April	9.0	SW.	31	W.	0	4	14	3	2	6	23	7	0	1	9	5	16	11	9	6	4	2	0	0	0	0	12	3	2
May	7.2	NE.	26	NW.	0	7	14	4	4	6	12	7	8	0	13	7	11	5	4	1	0	1	0	0	0	0	7	2	0
June	7.6	NE.	22	SW.	0	1	18	2	0	3	17	12	7	0	18	11	1	0	0	0	0	0	0	0	0	0	6	0	0
July	7.7	SW.	21	NW.	0	1	15	1	0	5	25	10	4	1	21	8	2	1	0	0	0	0	0	0	0	16	0	4	0
August	6.9	SW.	19	NW.	0	3	17	3	1	4	19	12	3	0	26	4	1	1	0	0	0	0	0	0	0	22	0	2	0
September	6.9	NE.	28	NW.	0	4	23	1	1	2	13	9	7	0	22	6	2	0	0	0	0	0	0	0	0	9	0	0	0
October	6.9	SW.	34	NW.	1	5	20	3	2	4	18	7	3	0	17	8	6	6	4	4	2	0	1	0	0	0	19	1	0
November	6.7	NE.	30	NW.	0	1	26	0	1	7	23	0	2	0	14	11	5	5	3	5	2	0	3	0	2	0	28	0	0
December	7.1	NE.	25	SW.	0	4	27	2	2	3	19	3	2	0	14	4	13	8	7	7	4	0	0	0	0	0	30	0	0
Year	7.6	NE.	35	NW.	2	44	239	27	13	54	221	82	48	2	185	83	97	61	46	59	34	3	4	0	4	53	182	12	2

WYTHEVILLE, VA.

[H=2,299 ft.; H_b=2,304 ft.; h_t=49 ft.; h_r=40 ft.; h_a=55 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	8.1	W.	31	NW.	0	2	14	11	2	0	4	20	8	1	9	8	14	14	9	6	4	0	7	2	3	0	22	0	0
February	8.9	W.	27	W.	0	1	8	5	0	0	3	30	9	0	8	8	12	8	6	6	0	0	5	0	2	0	20	0	0
March	7.7	W.	27	W.	0	4	6	5	4	0	8	21	14	0	4	11	16	18	15	2	2	0	5	0	0	0	8	3	0
April	7.4	W.	37	W.	1	4	1	13	1	0	6	17	18	0	8	7	15	15	15	2	2	1	4	0	0	0	4	2	0
May	6.0	W.	23	W.	0	2	7	7	0	3	10	18	15	0	10	9	12	17	10	0	0	0	1	0	0	0	0	8	0
June	5.7	W.	22	NW.	0	0	0	2	3	1	9	32	13	0	13	11	6	12	10	0	0	0	3	0	0	0	0	9	0
July	5.0	W.	21	SW.	0	4	3	9	2	1	13	22	7	1	7	14	10	15	11	0	0	0	9	4	0	0	0	15	0
August	5.3	E.	17	N.	0	3	7	18	4	1	6	14	7	2	10	12	9	11	8	0	0	0	4	1	0	2	0	7	0
September	4.6	E.	16	NW.	0	6	5	17	6	2	0	12	12	0	13	9	8	7	4	0	0	0	9	9	0	0	0	2	0
October	5.2	W.	22	W.	0	5	6	7	1	2	4	18	19	0	16	10	5	6	5	1	0	0	3	1	0	0	5	1	0
November	6.2	W.	20	NW.	0	3	6	7	2	1	4	20	17	0	9	6	15	9	8	3	2	0	3	2	1	0	12	0	0
December	8.9	W.	27	NW.	0	0	7	11	0	1	4	27	12	0	6	7	18	14	10	13	9	0	2	0	14	0	27	0	0
Year	6.6	W.	37	W.	1	34	70	112	25	12	71	251	151	4	113	112	140	146	121	33	19	1	55	19	20	2	98	47	0

YAKIMA, WASH.

[H=1,068 ft.; H_b=1,076 ft.; h_t=58 ft.; h_r=52 ft.; h_a=67 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	4.2	NW.	16	SE.	0	10	3	4	9	4	3	13	11	5	1	6	24	8	7	13	7	0	9	5	9	0	23	0	0
February	3.9	NW.	21	SW.	0	2	4	6	14	10	2	6	9	3	6	10	12	5	2	2	2	0	10	5	0	0	18	0	0
March	6.6	NW.	32	SW.	1	4	4	4	8	7	4	21	10	0	6	13	12	8	3	8	4	1	3	2	0	0	16	0	0
April	6.8	NW.	23	NW.	0	10	3	0	5	7	7	11	16	1	15	3	12	3	1	4	1	0	0	0	0	0	4	0	0
May	8.0	NW.	26	NW.	0	6	2	1	5	2	5	6	35	0	13	13	5	2	1	0	0	0	0	0	0	0	0	0	0
June	7.3	NW.	22	W.	0	9	1	1	3	1	6	9	29	1	11	11	8	5	3	0	0	1	0	0	0	4	0	1	0
July	7.8	NW.	22	NW.	0	5	3	0	2	3	9	8	32	0	17	12	2	5	1	0	0	0	0	0	0	14	0	2	0
August	6.3	NW.	21	NW.	0	4	2	3	7	5	6	5	28	2	25	4	2	1	0	0	0	0	0	0	0	11	0	0	0
September	5.6	NW.	23	N.	0	5	3	1	2	4	9	7	25	4	17	8	5	1	0	0	0	0	0	0	0	6	0	0	2
October	4.8	NW.	21	NW.	0	7	4	3	10	7	3	6	18	4	10	10	11	5	3	2	1	0	3	0	2	0	9	0	0
November	3.7	SE.	20	NW.	0	9	5	1	16	9	7	3	6	4	7	7	16	7	3	2	1	0	7	5	2	0	25	0	0
December	3.5	SE.	16	NW.	0	5	0	1	13	10	6	7	15	5	0	6	25	10	8	15	6	0	18	12	10	0	28	0	0
Year	5.7	NW.	32	SW.	1	76	34	25	94	69	67	102	234	29	128	103	134	60	32	46	22	2	50	29	23	35	123	3	2

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

YELLOWSTONE PARK, WYO.

[ϕ=44°56′ N.; λ=110°42′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	23.85	24.44	23.33	19.2	25.5	23.7	29.5	13.9	21.7	45	−34	13	16	16	76	66	69	0.083	0.098	0.093	1.00	0.20	23.4	6.9	7.5	6.4	7.6
February	23.95	24.46	23.48	17.2	29.8	23.0	34.9	13.4	24.2	48	−12	12	16	16	79	54	61	.076	.087	.091	.48	.21	9.9	5.6	5.8	5.8	6.3
March	23.69	24.07	23.28	20.8	30.8	28.2	34.0	17.1	25.6	52	3	16	18	18	80	58	65	.092	.099	.100	1.41	.34	25.5	7.5	7.9	8.3	8.2
April	23.78	24.20	23.34	25.5	39.9	40.2	44.0	22.8	33.4	61	−5	20	24	24	80	55	56	.112	.132	.132	2.07	.38	23.7	6.0	7.0	6.9	6.9
May	23.85	24.17	23.51	34.4	50.3	48.8	54.1	32.6	43.4	67	22	29	28	28	80	43	48	.160	.155	.157	1.31	.49	.2	7.3	6.8	7.5	7.0
June	23.88	24.14	23.67	43.3	64.1	63.9	67.8	40.4	54.1	81	32	34	33	32	71	33	32	.198	.195	.187	.46	.15	T	4.9	6.3	7.1	6.1
July	23.98	24.30	23.78	49.4	76.8	76.7	80.8	47.5	64.2	90	36	38	40	37	65	29	26	.230	.249	.226	.52	.42	.0	1.6	3.3	3.4	3.3
August	23.96	24.15	23.68	48.0	72.1	73.1	76.7	45.7	61.2	88	39	32	33	32	66	26	26	.187	.192	.185	.72	.40	.0	3.1	3.5	3.0	3.3
September	23.98	24.21	23.75	41.9	65.1	63.9	69.9	39.8	54.8	77	23	30	31	30	65	30	30	.172	.177	.166	.55	.53	.0	4.1	3.1	4.1	3.6
October	23.94	24.35	23.41	30.1	47.8	44.5	53.1	26.7	39.9	75	−2	22	24	24	72	42	48	.120	.131	.129	.80	.33	7.7	5.4	5.7	4.7	5.4
November	23.93	24.23	23.43	19.4	27.7	25.3	31.5	14.9	23.2	42	−3	15	18	18	80	66	70	.086	.101	.097	.77	.20	15.8	6.8	7.4	7.2	7.2
December	23.92	24.27	23.40	17.6	27.4	23.5	30.7	13.6	22.2	37	−1	12	16	15	76	59	68	.074	.069	.086	.22	.17	4.0	4.5	6.6	6.1	6.4
Year	23.89	24.46	23.28	30.6	46.4	45.0	50.6	27.4	39.0	90	−34	23	25	24	73	47	50	.133	.142	.137	10.31	.53	110.2	5.3	5.9	5.9	5.9

YUMA, ARIZ.

[ϕ=32°45′ N.; λ=114°36′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
January	29.92	30.47	29.46	48.8	64.9	63.2	66.6	45.3	56.0	81	34	35	37	37	62	38	42	0.215	0.234	0.231	0.74	0.38	0.0	1.8	4.2	4.6	4.0
February	29.91	30.40	29.45	53.3	70.1	70.2	72.5	49.7	61.1	85	41	35	34	34	55	32	31	.223	.216	.216	.66	.26	.0	3.4	3.4	3.5	3.4
March	29.80	30.14	29.54	51.0	71.5	73.4	75.6	47.3	61.4	88	37	34	31	30	54	23	22	.200	.174	.172	.11	.11	.0	2.7	2.7	2.3	2.8
April	29.70	29.95	29.39	58.9	81.9	83.2	85.7	55.7	70.7	98	43	41	35	34	54	20	19	.263	.211	.204	.01	.01	.0	2.4	2.7	2.8	2.8
May	29.64	29.89	29.46	61.5	85.8	88.3	90.1	59.0	74.6	101	53	44	38	35	54	19	16	.296	.229	.203	T	T	.0	1.4	1.0	.9	1.1
June	29.56	29.78	29.37	71.3	100.7	104.3	106.0	69.5	87.8	113	58	52	43	42	53	14	13	.404	.280	.277	.00	.00	.0	†	†	†	†
July	29.62	29.80	29.43	79.2	100.2	103.3	105.3	77.3	91.3	111	65	62	58	55	56	26	22	.569	.508	.460	T	T	.0	2.7	1.6	1.5	2.0
August	29.62	29.81	29.43	81.1	98.2	99.2	102.5	78.7	90.6	114	71	70	66	65	70	37	36	.735	.633	.631	.59	.24	.0	2.5	2.4	2.8	2.7
September	29.62	29.83	29.43	76.1	98.1	96.8	101.5	73.4	87.4	108	62	62	57	60	64	28	33	.589	.500	.538	.84	.84	.0	1.1	1.0	2.5	1.5
October	29.75	30.12	29.54	62.1	85.1	82.4	87.7	58.5	73.1	98	47	44	43	44	53	24	28	.326	.308	.320	.00	.00	.0	0.3	1.0	1.1	0.8
November	29.87	30.22	29.56	50.1	71.3	67.4	72.9	46.1	59.5	80	39	33	33	34	54	26	30	.194	.195	.202	.03	.03	.0	1.9	2.2	2.8	2.7
December	29.90	30.09	29.64	48.6	66.5	62.8	67.7	44.8	56.2	76	37	34	36	38	62	36	43	.211	.227	.244	.30	.25	.0	1.9	2.5	2.5	2.7
Year	29.74	30.47	29.37	61.8	82.9	82.9	86.2	58.8	72.5	114	34	46	43	42	58	27	28	.352	.310	.308	3.28	.84	.0	1.8	2.1	2.3	2.2

† Less than 0.1.

DUTCH HARBOR, ALASKA

[ϕ=53°55′ N.; λ=166°30′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: 8 a. m.	Temperature: Mean: Noon, local time	Temperature: Mean: 8 p. m.	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: 8 a. m.	Moisture: Dew point: Noon, local time	Moisture: Dew point: 8 p. m.	Moisture: Relative humidity: 8 a. m.	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: 8 p. m.	Moisture: Vapor pressure: 8 a. m.	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: 8 p. m.	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Moisture: Cloudiness: 8 a. m.	Moisture: Cloudiness: Noon, local time	Moisture: Cloudiness: 8 p. m.	Moisture: Cloudiness: Daylight
	(1)			(1)		(2)																		(2)		(2)	
January	29.64	30.45	28.91	35.3	-----	35.9	39.0	30.6	34.8	50	22	---	---	---	---	---	---	-----	-----	-----	7.02	2.06	7.4	7.4	----	7.1	7.6
February	29.51	30.35	28.79	30.1	-----	32.1	34.1	26.2	30.2	41	17	---	---	---	---	---	---	-----	-----	-----	5.41	1.28	48.2	7.2	----	7.7	7.6
March	29.87	30.68	28.60	35.7	-----	40.0	42.4	33.0	37.7	52	25	---	---	---	---	---	---	-----	-----	-----	4.39	1.28	.4	5.8	----	6.7	6.5
April	29.83	30.62	28.75	35.2	-----	38.4	42.3	32.1	37.2	61	24	---	---	---	---	---	---	-----	-----	-----	3.98	1.02	3.8	8.5	----	8.2	8.2
May	29.74	30.34	29.16	39.0	-----	44.5	47.7	37.6	42.6	58	30	---	---	---	---	---	---	-----	-----	-----	5.06	1.37	.3	8.4	----	8.1	8.0
June	29.84	30.49	29.29	43.9	-----	49.3	52.8	42.1	47.4	63	36	---	---	---	---	---	---	-----	-----	-----	3.63	1.54	.0	8.3	----	8.2	8.4
July	29.93	30.46	29.43	48.7	-----	54.7	57.9	46.5	52.2	74	42	---	---	---	---	---	---	-----	-----	-----	.83	.23	.0	8.5	----	8.2	8.3
August	29.94	30.51	29.19	51.2	-----	56.5	60.9	48.6	54.8	76	42	---	---	---	---	---	---	-----	-----	-----	1.64	.48	.0	6.9	----	7.8	7.5
September	29.77	30.43	28.65	47.8	-----	52.7	54.7	45.6	50.2	60	38	---	---	---	---	---	---	-----	-----	-----	7.19	1.78	.0	9.6	----	7.4	8.0
October	30.07	30.60	28.86	43.4	-----	46.2	48.7	40.5	44.6	59	33	---	---	---	---	---	---	-----	-----	-----	7.76	1.48	T	8.4	----	8.8	8.9
November	29.73	30.35	28.81	41.6	-----	44.3	47.0	38.0	42.5	58	27	---	---	---	---	---	---	-----	-----	-----	8.13	2.40	.7	8.0	----	8.0	7.5
December	29.26	30.04	28.40	34.8	-----	35.4	37.5	30.5	34.0	44	18	---	---	---	---	---	---	-----	-----	-----	10.51	1.53	14.3	7.7	----	8.4	8.2
Year	29.76	30.68	28.40	40.6	-----	44.2	47.1	37.6	42.4	76	17	---	---	---	---	---	---	-----	-----	-----	65.55	2.40	75.1	7.8	----	7.9	7.9

See footnotes at end of table.

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1985*—Continued

YELLOWSTONE PARK, WYO.

[H=6,235 ft.; H_b=6,241 ft.: h_t=12 ft.; h_r=4 ft.; h_a=46 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, 8 a. m. and 8 p. m.: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																										
January	10.0	S.	30	SW.	0	2	4	0	2	38	15	0	1	0	4	6	21	15	9	19	15	0	0	0	16	0	30	0	0
February	7.6	S.	28	SW.	0	1	4	0	0	19	20	2	7	3	7	7	14	7	2	15		0	1	0	13	0	28	0	1
March	10.3	SW.	41	SW.	1	4	2	1	1	18	26	5	4	1	3	5	23	20	14	28	19	0	1	0	12	0	29	1	0
April	9.1	SW.	32	SW.	1	5	7	0	1	15	18	3	11	0	5	8	17	20	12	19	16	0	2	0	3	0	25	0	0
May	8.2	SW.	30	SW.	0	14	3	0	0	9	16	6	12	2	4	12	15	16	8	9	4	5	1	0	0	0	14	3	0
June	8.3	SW.	31	SW.	0	9	4	0	0	4	21	14	8	0	5	17	8	9	4	1	0	2	0	0	0	0	1	8	1
July	8.0	SW.	30	NW.	0	9	1	1	0	5	33	7	6	0	17	12	2	5	2	0	0	2	0	0	0	0	0	7	0
August	8.5	SW.	27	SW.	0	10	1	0	2	4	27	11	7	0	18	9	4	4	4	0	0	1	0	0	0	0	0	4	0
September	7.9	SW.	25	W.	0	4	2	0	2	9	22	7	13	1	16	12	2	2	1	0	0	0	0	0	0	0	4	2	1
October	6.7	SW.	30	SW	0	11	6	1	1	11	22	4	5	1	11	9	11	6	5	6	5	0	1	1	3	0	22	0	0
November	7.5	S.	23	NE.	0	4	4	2	1	29	17	2	1	0	6	7	17	12	7	18	12	0	0	0	10	0	30	0	0
December	6.8	SW.	21	SW.	0	2	0	0	0	14	34	12	0	0	7	6	18	5	1	17	5	0	0	0	19	0	31	0	0
Year	8.2	SW.	41	SW.	2	75	38	5	10	175	271	73	75	8	103	110	152	121	69	132	83	10	6	1	76	0	214	25	3

YUMA, ARIZ.

[H=137 ft.; H_b=141 ft.; h_t=9 ft.; h_r=2 ft.; h_a=54 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	6.4	N.	27	W.	0	25	11	7	6	3	1	1	8	0	15	10	6	5	3	0	0	0	0	0	0	0	0	0	0
February	5.5	N.	35	W.	1	18	15	3	2	3	2	8	4	1	15	9	4	6	6	0	0	0	0	0	0	0	0	2	0
March	6.8	W.	27	NW.	0	13	1	8	6	6	6	16	6	0	19	11	1	1	1	0	0	0	0	0	0	0	0	0	0
April	7.8	W.	29	NW.	0	9	5	4	1	5	6	18	12	0	20	6	4	1	0	0	0	0	0	0	0	8	0	0	0
May	7.3	W.	27	W.	0	6	3	5	5	9	13	15	5	1	29	1	1	0	0	0	0	0	0	0	0	16	0	0	0
June	5.6	W.	21	W.	0	2	1	4	9	6	11	19	6	2	30	0	0	0	0	0	0	0	0	0	0	30	0	0	0
July	6.3	S.	21	S.	0	4	1	4	9	14	15	10	3	2	23	8	0	0	0	0	0	0	0	0	0	31	0	3	0
August	6.1	S.	25	NW.	0	5	3	4	11	8	14	10	4	3	21	9	1	4	4	0	0	0	0	0	0	30	0	5	0
September	5.0	W.	24	NW.	0	5	8	11	3	6	9	14	3	1	25	5	0	1	1	0	0	0	0	0	0	30	0	3	0
October	6.1	N.	25	N.	0	16	5	7	1	6	6	15	5	1	28	3	0	0	0	0	0	0	0	0	0	15	0	0	0
November	6.2	N.	27	N.	0	31	3	4	2	4	0	5	10	1	20	5	5	1	0	0	0	0	0	0	0	0	0	0	0
December	5.9	N.	25	NW.	0	39	5	2	2	3	2	5	4	0	22	7	2	2	2	0	0	0	3	2	0	0	0	0	0
Year	6.3	N.	35	W.	1	173	61	63	57	73	85	136	70	12	267	74	24	21	17	0	0	0	3	2	0	160	0	13	0

DUTCH HARBOR, ALASKA

[H=13 ft.; H_b=13 ft.; h_t=4 ft.; h_r=3 ft.; h_a=— ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
		(1)																											
January	----	E.	----	------	----	3	3	23	0	0	0	22	7	4	4	7	20	25	22	13	9	0	0	0	4	0	20	0	0
February	----	NW.	----	------	----	6	3	3	2	4	9	5	16	8	2	7	19	23	20	25	22	0	0	0	10	0	28	0	0
March	----	SE.	----	------	----	0	2	0	21	7	18	2	5	7	7	8	16	19	13	6	4	0	0	0	0	0	13	0	0
April	----	SE.	----	------	----	7	7	1	15	2	4	4	16	4	1	7	22	24	18	11	9	0	0	0	0	0	17	0	0
May	----	E.	----	------	----	6	16	6	13	0	7	1	9	4	3	5	23	23	17	1	1	0	0	0	0	0	1	0	0
June	----	NE.	----	------	----	2	15	4	13	1	3	2	4	16	2	6	22	13	9	0	0	0	2	0	0	0	0	0	0
July	----	E.	----	------	----	0	7	9	14	2	4	7	4	15	4	3	24	14	5	0	0	0	1	0	0	0	0	0	0
August	----	SW.	----	------	----	7	0	0	5	14	25	6	3	2	6	3	22	12	8	0	0	0	0	1	0	0	0	0	0
September	----	SE.	----	------	----	1	9	2	14	2	6	3	9	14	0	10	20	20	14	0	0	0	0	4	0	0	0	0	0
October	----	NW.	----	------	----	2	2	1	16	0	10	4	20	7	0	4	27	21	17	3	0	0	0	0	0	0	0	0	0
November	----	SE.	----	------	----	1	2	0	17	2	8	1	13	16	3	8	19	23	18	4	3	0	0	0	1	0	8	0	0
December	----	SE.	----	------	----	6	9	4	16	0	2	3	11	11	3	3	25	22	21	13	9	0	0	0	5	0	19	0	0
Year	----	SE.	----	------	----	41	75	53	146	34	96	60	117	108	35	71	259	239	182	76	57	0	3	5	20	0	106	0	0

See footnotes at end of table.

FAIRBANKS, ALASKA

[ϕ=64°51′ N.; λ=147°39′ W.]

Month	Pressure: Monthly mean	Pressure: Extremes: Maximum	Pressure: Extremes: Minimum	Temperature: Mean: A. m.[3]	Temperature: Mean: Noon, local time	Temperature: Mean: P. m.[3]	Temperature: Mean: Maximum	Temperature: Mean: Minimum	Temperature: Mean: Monthly	Temperature: Extremes: Maximum	Temperature: Extremes: Minimum	Moisture: Dew point: A. m.[2]	Moisture: Dew point: Noon, local time	Moisture: Dew point: P. m.[2]	Moisture: Relative humidity: A. m.[3]	Moisture: Relative humidity: Noon, local time	Moisture: Relative humidity: P. m.[3]	Moisture: Vapor pressure: A. m.[3]	Moisture: Vapor pressure: Noon, local time	Moisture: Vapor pressure: P. m.[3]	Moisture: Precipitation: Total	Moisture: Precipitation: Maximum in 24 hours	Moisture: Precipitation: Total snowfall	Cloudiness: A. m.[3]	Cloudiness: Noon, local time	Cloudiness: P. m.[3]	Cloudiness: Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January	29.47	30.12	28.68	-14.4	-12.0	-9.9	-5.9	-21.4	-13.6	24	-42	-18	-16	-14	81	81	81	0.022	0.023	0.025	1.41	.45	20.5	4.3	5.1	5.0	4.9
February	29.24	30.02	28.48	5.9	10.3	13.1	16.8	-2.1	7.4	40	-22	1	4	5	80	75	70	.051	.054	.057	.41	.21	9.1	7.1	8.0	7.9	7.8
March	29.54	30.09	28.53	-2.8	13.7	17.3	20.2	-11.0	4.6	42	-39	-6	2	3	83	58	52	.039	.052	.055	1.97	.67	30.0	4.1	4.2	4.0	4.6
April	29.43	30.31	28.65	21.8	35.0	37.2	38.5	16.6	27.6	52	-10	16	18	18	79	48	44	.094	.099	.100	.22	.10	2.7	5.1	5.3	5.3	5.4
May	29.38	29.92	29.01	35.6	49.5	50.1	52.2	32.5	42.4	71	17	27	26	25	73	39	39	.159	.146	.144	.88	.44	1.0	5.4	6.2	6.8	6.4
June	29.34	29.86	29.03	47.2	63.3	64.0	67.1	45.3	56.2	78	34	43	39	38	85	43	40	.283	.248	.238	.84	.15	.0	5.2	6.5	6.9	6.6
July	29.39	29.67	29.05	52.7	67.3	68.5	71.8	50.4	61.1	84	41	48	48	47	86	53	50	.343	.343	.333	1.97	.66	.0	5.9	6.4	6.3	6.3
August	29.39	29.83	29.03	43.1	61.8	58.9	60.4	40.1	50.2	73	31	41	42	41	92	58	55	.259	.267	.265	2.01	.71	.0	6.1	7.1	7.1	7.1
September	29.40	29.95	28.61	37.6	47.6	49.0	50.6	33.3	42.0	73	16	33	35	35	84	62	58	.195	.214	.213	1.41	.68	T	7.1	8.1	7.9	7.9
October	29.48	30.25	28.71	22.5	27.5	29.1	30.5	17.7	24.1	64	-28	19	20	20	85	72	69	.126	.126	.129	3.40	1.16	26.2	7.5	7.9	7.7	8.0
November	29.51	30.04	28.68	1.3	4.1	4.9	8.7	-5.7	1.5	40	-38	-4	-1	-1	77	77	75	.054	.059	.059	2.85	.94	22.3	6.1	6.2	6.4	5.9
December	29.34	29.93	28.61	-17.8	-17.2	-16.2	-9.8	-25.5	-17.6	42	-59	-21	-21	-20	85	84	83	.025	.025	.025	.11	.06	4.4	2.7	3.8	4.1	6.8
Year	29.41	30.31	28.48	19.4	29.2	30.5	33.4	14.2	23.8	84	-59	15	16	16	82	62	60	.138	.138	.137	17.48	1.16	116.2	5.6	6.2	6.3	6.5

JUNEAU, ALASKA

[ϕ=58°18′ N.; λ=134°24′ W.]

Month	Monthly mean	Maximum	Minimum	A. m.[3]	Noon, local time	P. m.[3]	Maximum	Minimum	Monthly	Maximum	Minimum	A. m.[2]	Noon, local time	P. m.[2]	A. m.[3]	Noon, local time	P. m.[3]	A. m.[3]	Noon, local time	P. m.[3]	Total	Maximum in 24 hours	Total snowfall	A. m.[3]	Noon, local time	P. m.[3]	Daylight
January	29.79	30.50	28.94	22.5	23.9	23.7	27.6	18.8	23.2	54	4	11	12	12	63	60	62	0.093	0.093	0.095	5.88	1.26	26.2	6.7	6.9	7.4	7.0
February	29.84	30.42	28.98	35.9	38.7	38.9	40.8	33.2	37.0	48	28	31	32	31	83	77	74	.175	.180	.174	7.48	1.72	1.8	8.0	8.7	8.8	8.9
March	29.80	30.38	28.87	25.0	30.1	31.1	33.0	22.9	28.0	45	8	16	14	14	66	50	50	.100	.090	.093	3.22	.97	24.6	4.7	5.3	5.3	5.5
April	29.90	30.61	29.23	36.0	43.2	43.6	45.5	33.6	39.6	56	26	28	27	27	74	55	55	.158	.148	.148	4.96	.90	.4	5.9	7.9	7.8	7.4
May	29.95	30.28	29.44	41.2	48.1	49.5	51.1	39.8	45.4	66	33	37	36	36	86	67	63	.225	.217	.213	7.62	1.43	T	8.5	9.1	8.9	8.8
June	29.84	30.31	29.45	47.5	56.8	57.5	60.2	46.2	53.2	74	42	44	44	44	89	66	64	.291	.297	.291	4.73	.84	.0	7.7	7.5	7.7	7.6
July	29.98	30.18	29.72	51.8	57.5	58.3	59.9	50.6	55.2	73	46	49	50	50	90	77	75	.346	.356	.357	7.18	2.31	.0	9.1	8.3	8.2	8.5
August	29.91	30.26	29.40	50.2	56.8	57.9	59.3	48.1	53.7	72	43	47	47	47	89	73	71	.325	.327	.324	10.40	2.38	.0	7.5	7.6	8.1	7.9
September	29.89	30.23	29.29	48.1	54.0	54.8	56.5	45.0	50.8	67	32	43	43	43	86	70	69	.287	.286	.286	11.92	2.93	.0	7.6	7.8	7.5	7.5
October	29.92	30.66	29.19	37.3	42.3	42.6	44.9	33.9	39.4	58	14	33	33	33	83	69	70	.198	.199	.200	5.91	1.97	8.6	5.4	6.3	6.1	6.5
November	29.89	30.43	29.33	33.9	35.4	35.2	37.8	30.7	34.2	49	17	26	27	28	73	72	75	.157	.163	.165	11.19	2.66	8.7	7.8	8.3	8.3	8.3
December	29.56	30.21	28.81	34.3	34.3	34.0	38.8	29.3	34.0	52	7	27	27	27	77	76	76	.157	.158	.154	9.31	1.47	39.3	8.0	8.7	8.7	8.8
Year	29.86	30.66	28.81	38.7	43.4	43.9	46.3	36.0	41.1	74	4	33	33	33	80	68	67	.209	.210	.208	89.80	2.93	109.6	7.2	7.7	7.7	7.7

KODIAK, ALASKA

[ϕ=57°48′ N.; λ=152°22′ W.]

Month	Monthly mean	Maximum	Minimum	A. m.[3]	Noon, local time	P. m.[3]	Maximum	Minimum	Monthly	Maximum	Minimum	A. m.[2]	Noon, local time	P. m.[2]	A. m.[3]	Noon, local time	P. m.[3]	A. m.[3]	Noon, local time	P. m.[3]	Total	Maximum in 24 hours	Total snowfall	A. m.[3]	Noon, local time	P. m.[3]	Daylight
January	(1) 29.53	30.42	28.57	31.3	----	34.3	36.2	27.9	32.0	43	17	----	----	----	----	----	----	----	----	----	5.06	1.09	29.3	6.2	----	7.5	7.4
February	29.38	30.13	28.50	32.9	----	37.4	38.9	30.8	34.8	46	21	----	----	----	----	----	----	----	----	----	6.32	2.03	2.8	6.5	----	7.2	7.2
March	29.75	30.28	28.85	32.5	----	38.0	40.8	30.3	35.6	51	2	----	----	----	----	----	----	----	----	----	2.01	.81	2.0	6.4	----	5.3	5.4
April	29.67	30.56	28.60	36.1	----	43.1	46.1	33.8	40.0	52	27	----	----	----	----	----	----	----	----	----	4.02	.65	1.2	5.8	----	7.3	7.3
May	29.65	30.29	29.31	40.1	----	46.0	48.8	38.5	43.6	57	33	----	----	----	----	----	----	----	----	----	9.44	1.71	T	7.2	----	9.1	8.3
June	29.72	30.23	29.38	44.6	----	53.4	57.0	42.5	49.8	69	36	----	----	----	----	----	----	----	----	----	2.04	1.01	.0	5.9	----	5.9	5.9
July	29.81	30.05	29.29	49.7	----	57.4	60.9	48.1	54.5	70	43	----	----	----	----	----	----	----	----	----	7.19	2.38	.0	7.4	----	7.3	7.4
August	29.76	30.14	29.39	50.4	----	58.6	61.8	48.6	55.2	75	42	----	----	----	----	----	----	----	----	----	4.62	1.38	.0	7.3	----	7.5	7.7
September	29.69	30.17	28.81	46.6	----	54.9	57.7	44.4	51.0	65	31	----	----	----	----	----	----	----	----	----	7.65	2.04	.0	5.1	----	5.7	5.6
October	29.78	30.63	28.75	38.1	----	45.3	48.1	35.9	42.0	57	17	----	----	----	----	----	----	----	----	----	2.89	1.37	.2	5.0	----	5.7	5.8
November	29.67	30.28	28.96	36.7	----	41.2	43.6	34.2	38.9	54	26	----	----	----	----	----	----	----	----	----	2.55	.67	.7	6.5	----	6.5	6.7
December	29.20	30.11	28.33	31.5	----	33.3	35.9	28.5	32.2	42	14	----	----	----	----	----	----	----	----	----	6.21	1.51	6.6	7.2	----	7.3	7.5
Year	29.63	30.63	28.33	39.2	----	45.2	48.0	37.0	42.5	75	2	----	----	----	----	----	----	----	----	----	60.00	2.38	3.38	6.4	----	6.9	6.8

NOME, ALASKA

[ϕ=64°30′ N.; λ=165°00′ W.]

Month	Monthly mean	Maximum	Minimum	A. m.[3]	Noon, local time	P. m.[3]	Maximum	Minimum	Monthly	Maximum	Minimum	A. m.[2]	Noon, local time	P. m.[2]	A. m.[3]	Noon, local time	P. m.[3]	A. m.[3]	Noon, local time	P. m.[3]	Total	Maximum in 24 hours	Total snowfall	A. m.[3]	Noon, local time	P. m.[3]	Daylight
January	29.84	30.65	28.66	6.0	----	7.8	13.8	-1.8	6.0	33	-22	1	----	2	78	----	75	0.052	----	0.051	1.53	0.65	16.7	4.3	----	4.3	4.6
February	29.67	30.49	28.95	5.8	----	10.3	13.2	-0.6	6.3	26	-28	2	----	6	84	----	81	.054	----	.061	1.13	.24	14.6	6.8	----	7.3	7.1
March	29.86	30.51	29.03	18.0	----	20.5	23.0	12.6	17.8	32	-18	15	----	17	88	----	85	.095	----	.099	3.01	.55	33.9	8.2	----	8.3	8.4
April	29.99	30.79	29.12	17.2	----	23.8	26.0	11.2	18.6	34	-7	13	----	19	82	----	80	.087	----	.105	1.13	.25	11.9	5.0	----	4.9	5.2
May	29.94	30.55	29.50	25.2	----	35.6	37.4	21.0	29.2	55	-2	21	----	30	82	----	78	.120	----	.168	.22	.13	1.8	4.5	----	5.4	5.7
June	29.88	30.39	29.55	39.5	----	49.3	53.0	35.8	44.4	70	28	34	----	40	83	----	73	.201	----	.255	.61	.38	.2	5.1	----	3.9	4.7
July	29.81	30.06	29.29	48.0	----	53.7	56.2	44.7	50.4	72	32	45	----	48	90	----	82	.307	----	.339	2.56	.35	.0	7.9	----	8.5	8.3
August	29.82	30.37	29.39	46.4	----	54.6	56.6	42.5	49.6	67	30	42	----	46	86	----	73	.275	----	.308	3.04	.78	.0	7.0	----	7.5	7.4
September	29.82	30.40	28.94	40.9	----	47.7	49.2	36.8	43.0	58	21	37	----	39	85	----	73	.226	----	.248	2.02	.46	T	7.3	----	7.1	7.4
October	29.87	30.46	28.50	31.6	----	34.7	37.0	26.8	31.9	48	5	27	----	29	82	----	79	.160	----	.167	7.37	1.52	4.1	7.4	----	8.0	8.5
November	29.97	30.50	28.95	13.9	----	17.1	18.9	7.7	13.3	39	-16	9	----	10	78	----	71	.078	----	.082	2.33	1.40	6.4	4.4	----	5.2	5.0
December	29.84	30.32	29.27	3.5	----	5.3	11.2	-2.9	4.2	37	-30	-2	----	-2	75	----	71	.050	----	.048	.66	.37	6.5	3.4	----	4.5	5.0
Year	29.86	30.79	28.50	24.7	----	30.0	33.0	19.3	26.2	72	-30	20	----	24	83	----	77	.142	----	.161	25.61	1.52	96.1	6.0	----	5.8	6.4

See footnotes at end of table.

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

FAIRBANKS, ALASKA

[H=440 ft.; H_b=454 ft.; h_i=11 ft.; h_r=61 ft.; h_a=87 ft.]

Month	Wind: By self-register: Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Number of winds, a. m.[1] and p. m.[2]: North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	0.04 inch or over	Snow: T or more	0.01 inch or more melted	Hail	Fog: Light	Dense	Maximum temp.: 32° or below	90° or above	Minimum temperature 32° or below	Electricity: Thunderstorm	Aurora
	Mi.		*Mi.*																											
January	3.6	N.	14	S.	0	17	5	2	6	3	1	9	11	8	15	2	14	11	9	13	11	0	6	2	31	0	31	0	7
February	4.7	S.	19	NE.	0	10	9	3	3	11	3	4	12	1	1	7	20	6	2	11	6	0	3	2	25	0	28	0	11
March	5.4	NE.	30	W.	0	9	13	4	1	10	7	8	6	4	14	8	9	12	7	13	12	0	1	0	28	0	31	0	13
April	6.2	S.	24	SW.	0	6	11	4	4	18	9	7	1	0	10	7	13	9	2	12	9	0	0	0	6	0	30	0	11
May	7.6	NE.	21	SW.	0	9	12	3	4	8	4	11	10	1	4	14	13	10	5	2	2	1	0	0	0	0	16	3	0
June	6.2	SW.	27	SW.	0	7	9	1	2	9	11	11	9	1	4	15	11	13	9	0	0	1	1	0	0	0	0	5	0
July	6.2	SW.	24	SW.	0	7	7	3	2	11	15	10	7	0	7	10	14	15	8	0	0	0	1	1	0	0	0	0	0
August	6.2	S.	22	SW.	0	4	4	8	5	12	10	12	5	2	5	7	19	14	12	0	0	0	1	0	0	0	1	0	5
September	2.2	NE.	22	SW.	0	3	8	9	3	6	11	9	10	1	3	4	23	8	6	4	1	0	2	0	1	0	13	0	12
October	5.5	NE.	22	SW.	0	6	11	5	9	10	9	5	6	1	3	4	24	20	15	12	11	0	2	1	16	0	25	1	5
November	4.7	NW.	29	S.	0	8	4	3	0	16	5	8	12	4	9	7	14	14	11	16	10	0	3	0	23	0	29	0	5
December	3.8	D.I.	19	NE.	0	12	12	4	2	4	2	2	11	13	8	7	16	5	0	7	5	0	7	10	27	0	31	0	12
Year	[4]5.6	NE.	30	W.	0	98	105	49	41	118	87	96	100	36	83	92	190	137	86	90	67	2	27	16	157	0	235	9	81

JUNEAU, ALASKA

[H=72 ft.; H_b=80 ft.; h_i=96 ft.; h_r=88 ft.; h_a=116 ft.

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.9	S.	32	E.	2	2	16	2	17	14	0	6	5	0	10	2	19	18	17	16	13	0	0	0	21	0	26	0	0
February	8.0	S.	32	SE.	1	1	2	2	17	19	2	12	1	0	2	2	24	18	16	9	8	0	4	1	0	0	10	0	1
March	8.8	N.E.	34	NE.	1	2	16	5	7	11	4	12	3	2	12	6	13	12	11	13	10	0	0	0	11	0	28	0	3
April	7.6	S.	25	E.	0	0	3	11	15	19	1	7	2	2	4	7	19	16	15	8	6	0	0	0	0	0	9	0	0
May	7.0	S.	30	SE.	0	0	0	1	19	17	5	13	3	4	2	3	26	23	20	1	0	0	1	0	0	0	0	0	0
June	6.3	S.	22	SE.	0	0	1	6	10	23	2	11	1	6	4	6	20	20	18	0	0	0	0	0	0	0	0	0	0
July	5.1	S.	20	SE.	0	0	0	0	3	35	3	12	4	5	4	2	25	23	18	0	0	0	4	1	0	0	0	0	0
August	5.6	S.	25	SE.	0	3	1	0	7	28	3	13	1	6	3	3	23	21	19	0	0	0	3	1	0	0	0	0	0
September	6.5	S.	27	E.	0	0	2	4	11	16	3	13	2	9	5	3	22	17	16	0	0	0	5	1	0	0	0	0	2
October	6.3	W.	23	SE.	0	0	5	2	7	15	7	19	4	3	10	3	18	15	14	5	3	0	5	1	4	0	12	0	8
November	8.8	SE.	31	NE.	0	2	8	2	24	11	2	8	2	1	5	1	24	19	17	10	5	0	0	0	10	0	16	0	0
December	9.3	SE.	33	SE.	3	0	8	7	18	15	0	13	1	0	3	2	26	27	23	16	13	0	3	1	8	0	17	0	0
Year	7.4	S.	34	NE.	7	10	62	42	155	223	32	139	29	38	66	40	259	229	204	78	58	0	25	6	54	0	118	0	14

KODIAK, ALASKA

[H=152 ft.; H_b=15 ft.; h_i=5 ft.; h_r=4 ft.; h_a=— ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	7.9	NW.	47	SW.	2	5	5	2	2	4	12	14	18	0	5	7	19	15	12	15	9	0	6	0	7	0	25	0	0
February	7.6	SE.	36	SE.	1	3	6	5	12	5	10	6	9	0	5	6	17	21	17	6	4	0	11	0	0	0	18	0	2
March	11.6	SW.	----	----	3	4	6	5	9	5	15	5	13	0	14	6	11	13	7	8	3	0	5	1	1	0	18	0	1
April	6.1	SE.	24	SE.	0	9	11	2	13	4	2	10	9	0	7	2	21	14	12	8	2	0	6	0	0	0	6	0	1
May	8.4	NE.	30	NW.	0	11	20	4	9	2	6	2	8	0	2	6	23	21	19	1	0	0	14	3	0	0	0	0	0
June	5.0	N.	18	SE.	0	15	11	7	7	4	4	4	7	1	9	6	15	8	7	0	0	0	6	9	0	0	0	0	0
July	5.9	N.	21	W.	0	16	9	5	9	8	5	9	1	0	5	8	18	17	16	0	0	0	12	1	0	0	0	0	0
August	6.6	N.	42	W.	3	23	1	5	2	13	0	16	2	0	6	4	21	20	14	0	0	0	10	0	0	0	0	0	0
September	9.2	SE.	40	SE.	3	5	1	8	18	4	7	7	10	0	9	11	10	10	10	0	0	0	5	5	0	0	1	0	1
October	8.9	NW.	43	NW.	2	8	2	2	8	6	12	9	15	0	9	13	9	9	6	3	1	0	1	0	3	0	7	0	3
November	7.9	NW.	34	SE.	2	3	8	1	8	8	9	3	20	0	7	8	15	13	11	4	2	0	5	1	0	0	12	0	0
December	9.7	NW.	46	NW.	6	3	14	3	6	1	4	2	29	0	6	5	20	20	16	8	4	0	9	2	12	0	17	0	0
Year	7.9	NW.	----	----	22	105	94	49	103	64	86	87	141	1	84	82	199	181	147	53	25	0	90	22	23	0	104	0	8

NOME, ALASKA

[H=28 ft.; H_b=42 ft.; h_i=5 ft.; h_r=2 ft.; h_a=32 ft.]

Month	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature 32° or below	Thunderstorm	Aurora
January	9.7	NE.	35	NE.	2	3	27	14	2	4	1	3	3	5	16	2	13	10	7	11	10	0	2	1	30	0	31	0	7
February	9.0	NE.	34	N.	1	6	22	13	4	2	1	2	2	4	6	4	18	13	9	21	13	0	5	0	28	0	28	0	5
March	15.2	NE.	42	W.	3	2	25	22	0	4	1	5	3	0	3	4	24	22	18	28	22	0	8	0	30	0	31	0	3
April	9.7	NE.	43	NE.	3	14	18	7	4	3	2	3	9	0	11	6	13	11	8	12	11	0	2	0	21	0	30	0	8
May	5.5	NE.	17	NE.	0	10	22	8	1	4	2	6	7	2	7	14	10	4	2	10	3	0	0	0	8	0	27	0	0
June	6.6	W.	19	W.	0	7	9	2	4	5	15	12	5	1	12	11	7	4	2	4	1	0	4	3	0	0	5	1	0
July	8.4	SE.	24	S.	0	2	3	7	16	9	12	4	9	0	1	6	24	17	13	0	0	0	2	0	0	0	0	0	0
August	9.2	NE.	35	NW.	1	8	14	2	11	6	11	1	9	0	3	10	18	16	9	0	0	0	1	0	0	0	1	0	0
September	9.8	NE.	27	W.	0	4	18	2	7	6	8	6	9	0	3	11	16	15	8	3	0	0	0	0	0	0	8	0	2
October	10.8	NW.	34	SE.	1	6	6	4	13	5	6	1	20	1	3	6	22	21	18	15	8	0	6	0	6	0	22	0	3
November	7.1	NE.	26	SE.	0	7	23	9	3	0	2	1	14	1	14	4	12	6	5	6	3	0	3	2	23	0	29	0	6
December	7.0	NE.	47	NE.	3	13	30	7	1	2	0	3	4	2	12	7	12	6	3	10	6	0	1	2	30	0	31	0	12
Year	9.0	NE.	47	NE.	14	82	217	97	66	50	61	47	94	16	91	85	189	145	102	120	77	0	34	8	176	0	243	1	46

See footnotes at end of table.

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

TANANA, ALASKA

[ϕ=65°10′ N.; λ=152°06′ W.]

Month	Pressure			Temperature								Moisture															
		Extremes		Mean						Extremes		Dew point			Relative humidity			Vapor pressure			Precipitation			Cloudiness			
	Monthly mean	Maximum	Minimum	A. m.[2]	Noon, local time	P. m.[2]	Maximum	Minimum	Monthly	Maximum	Minimum	A. m.[2]	Noon, local time	P. m.[2]	A. m.[2]	Noon, local time	P. m.[2]	A. m.[2]	Noon, local time	P. m.[2]	Total	Maximum in 24 hours	Total snowfall	A. m.[2]	Noon, local time	P. m.[2]	Daylight
	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	%	%	%	In.	In.	In.	In.	In.	In.				
January							−0.9	−17.9	−9.4	24	−46										0.37	0.21	5.0				6.8
February							10.3	−11.6	−.6	26	−52										1.05	.23	17.5				5.7
March							18.1	−8.2	5.0	33	−47										2.16	.47	30.0				7.2
April							36.7	11.1	23.9	49	−18										.45	.21	7.5				7.9
May							51.8	26.3	39.0	71	1										.94	.24	.0				8.6
June							69.4	40.9	55.2	83	28										1.10	.03	.0				8.5
July							72.3	47.8	60.0	84	32										1.88	.49	.0				6.4
August							61.5	37.7	49.6	71	25										3.00	.73	.0				6.5
September							50.7	30.1	40.4	65	16										2.05	.62	1.0				4.7
October										49	−21										2.64	.52	12.0				3.3
November							11.2	−8.2	1.5	42	−51										3.12	1.12	8.5				6.1
December							−9.5	−24.9	−17.2	30	−58										T	T	T				8.1
Year										84	−58										18.46	.73	81.5				6.6

[1] No diurnal correction applied.
[2] Hours at Dutch Harbor, 12 a. m. and 12 p. m., 165th meridian time; at Fairbanks and Kodiak, 2 a. m. and 2 p. m., 150th meridian time; at Nome, 1 a. m. and 1 p. m., 165th meridian time; at Tanana, 1 p. m. (1 observation daily), 150th meridian time.

TABLE 11.—*Annual meteorological summaries for the year ended Dec. 31, 1935*—Continued

TANANA, ALASKA

[H=220 ft.; H_b=228 ft.; h_t=4 ft.; h_r=3 ft.; h_a=— ft.]

Month	Wind														Number of days														
	By self-register					Number of winds, [2] a. m. and [2] p. m.												Precipitation		Snow			Fog		Maximum temp.		32°	Electricity	
	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of Maximum velocity	Days with 32 miles or over	North	Northeast	East	Southeast	South	Southwest	West	Northwest	Calm	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	T or more	0.01 inch or more melted	Hail	Light	Dense	32° or below	90° or above	Minimum temperature or below	Thunderstorm	Aurora
	Mi.	(3)	*Mi.*																										
January	----	E.	----	----	----	1	6	15	1	0	1	7	0	0	7	4	20	3	3	3	3	0	0	0	31	0	31	0	0
February	----	E.	----	----	----	0	5	14	1	0	4	3	1	0	9	5	14	6	6	8	6	0	0	0	28	0	28	0	0
March	----	E.	----	----	----	0	5	20	0	0	2	2	2	0	6	4	21	7	7	11	7	0	0	0	30	0	31	0	0
April	----	E.	----	----	----	1	1	15	2	0	1	8	2	0	4	5	21	3	3	3	3	0	0	0	10	0	29	0	0
May	----	E.	----	----	----	3	2	11	2	0	3	5	5	0	1	5	25	4	4	0	0	0	0	0	1	0	9	0	0
June	----	W.	----	----	----	1	2	6	5	0	3	9	4	0	1	10	19	14	8	0	0	0	0	0	0	0	5	0	0
July	----	W.	----	----	----	0	2	5	6	0	5	11	2	0	7	9	15	14	12	0	0	0	0	0	0	0	1	0	0
August	----	E.	----	----	----	1	2	12	2	0	7	6	1	0	6	8	17	16	13	0	0	0	0	0	0	0	8	0	0
September	----	E.	----	----	----	0	4	12	0	0	5	7	2	0	13	7	10	14	10	3	1	0	0	0	0	0	17	0	0
October	----	E.	----	----	----	----	----	----	----	----	----	----	----	----	17	9	5	11	11	8	4	0	0	0	14	0	25	0	0
November	----	E.	----	----	----	----	----	----	----	----	----	----	----	----	10	3	17	8	8	6	3	0	0	0	23	0	29	0	0
December	----	W.	----	----	----	----	----	----	----	----	----	----	----	----	3	6	22	0	0	1	0	0	0	0	31	0	31	0	0
Year	----	E.	----	----	----	----	----	----	----	----	----	----	----	----	84	75	206	100	85	43	27	0	0	0	168	0	244	0	0

[3] By eye observation at this station.

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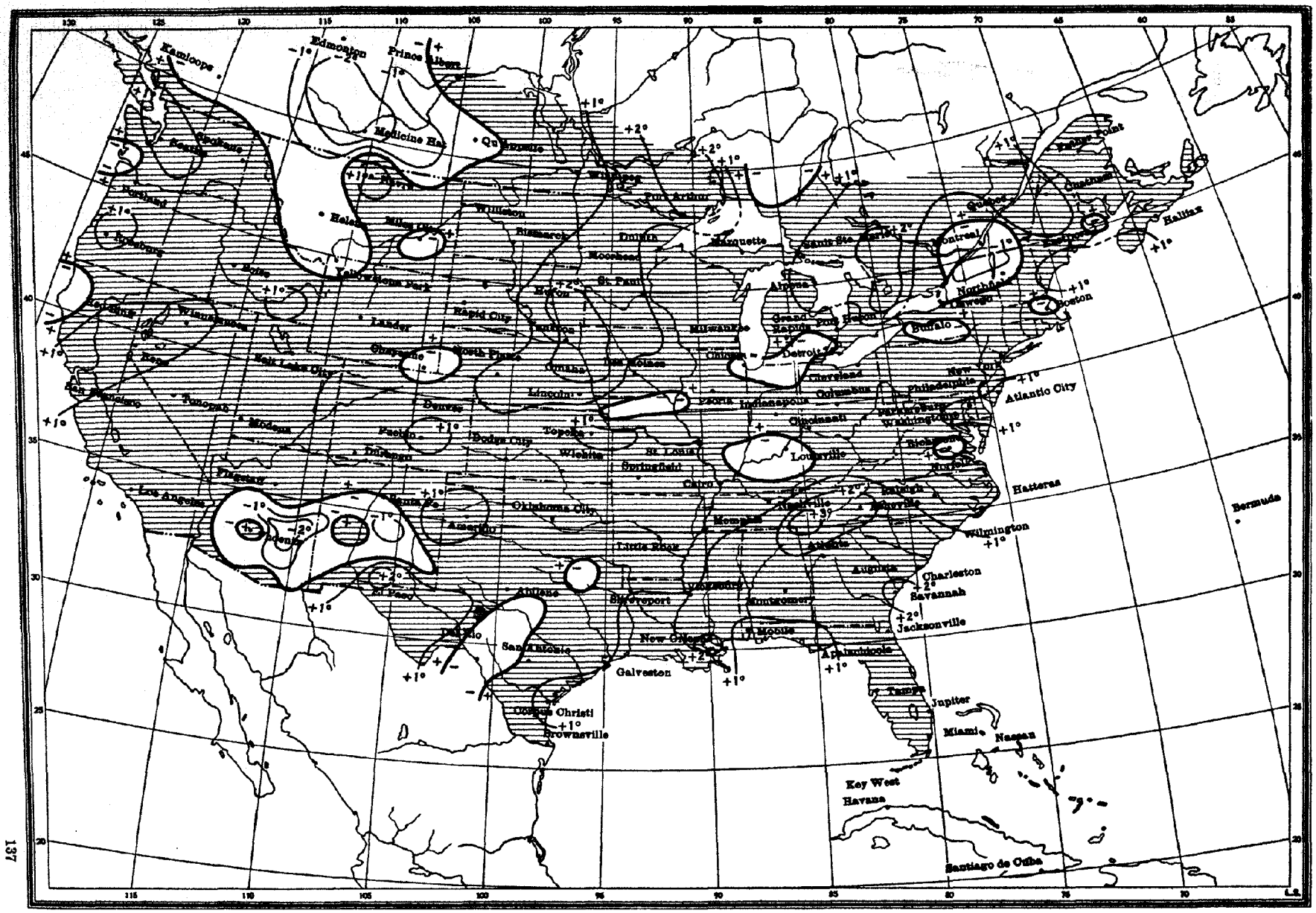

DEPARTURE FROM NORMAL TEMPERATURE, IN DEGREES FAHRENHEIT, FOR THE CROP SEASON OF 1935, MARCH 1 TO SEPTEMBER 30

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

CHART 2

TOTAL PRECIPITATION, INCHES, FOR THE CROP SEASON OF 1935, MARCH 1 TO SEPTEMBER 30

DEPARTURE FROM NORMAL PRECIPITATION FOR THE CROP SEASON OF 1935, MARCH 1 TO SEPTEMBER 30

Shaded portions show excess (+) and unshaded portions deficiency (−) of precipitation. Figures show, in inches, amount of excess or deficiency of precipitation over areas bounded by light lines

CHART 4

TOTAL PRECIPITA ION, INCHES, FOR THE YEAR 1935