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UNITED STATES DEPARTMENT OF COMMERCE

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WEATHER BUREAU

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# FOREWORD

Prior to 1935 this publication constituted the statistical sections of the Annual Report of the Chief of the Weather Bureau. The practice of publishing annual meteorological statistics in a separate volume, entirely disassociated from the Annual Report of the Chief of the Weather Bureau, was inaugurated in 1935 to avoid some duplication in printing, but primarily to make printed meteorological matter more accessible to the public and to conform with similar publications of foreign nations.

This publication was prepared by the Agricultural Section of the Division of Climatological and Hydrologic Services, through the cooperative assistance of approximately 5,500 voluntary climatic observers, the personnel at over 400 first order Weather Bureau stations and 43 Climatological Section Centers, and many other Federal, State, and industrial agencies and individuals.

The discussions and statistics presented herein concern principally the climatological phase of meteorology. Statistical data relating to the work of all the Divisions of the Weather Bureau are published currently in the MONTHLY WEATHER REVIEW. From time to time special articles, based on the statistical data collected by the several Divisions of the Bureau, appear in the MONTHLY WEATHER REVIEW and its supplements.

J. L. BALDWIN.

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# GENERAL SUMMARY OF THE WEATHER CONDITIONS IN THE UNITED STATES DURING THE YEAR 1942

## REVIEW OF WEATHER CONDITIONS DURING 1942

The weather of 1942 was outstandingly favorable for the production of bumper crops, especially grain. An abundance of moisture in most sections of the country during the growing season was the chief factor that made record-breaking production of essential food possible. This was true in spite of the fact that there were a few adverse crop-weather conditions, such as too much rain in Northern States during part of the growing season, deficient moisture with an early summer drought in the East and South-Central States, and unfavorably early fall frost in some sections. These factors, together with the late general snowstorms, made the growing season shorter than usual over the greater portion of the country. The unprecedentedly high yields of 1942 are accounted for in some measure by wartime effort and gradual improvement in seed, but the phenomenal increase over drought years is due primarily to the difference in the weather. For example, the combined output of wheat, oats, rye, and barley during 1942 was more than twice these yields for the drought years of 1934 and 1936.

Although crop yields were generally high throughout the United States, substantial losses in life, property, and crops were sustained due to floods, tornadoes, hurricanes, and other severe weather conditions in some sections. Monetary losses from floods in the United States have been evaluated at more than $98,500,000 during the year. Outstanding among the floods were the disastrous flash floods in the headwater areas of the Delaware, Susquehanna, and Allegheny River basins; a record-breaking flood in portions of the Potomac and Rappahannock River basins in October; a major flood in the Willamette River in November; and widespread flooding in the Central West, from Minnesota to Texas, during the summer months. Aggregate crop losses amounted to $36,579,964. Lives lost totaled 66. Reported savings as the result of warnings amounted to $22,506,525.

Tornadoes in the United States in 1942 were responsible for loss of life totaling 384 people and injury to 2,085 more. Destruction of property was valued at $14,268,950, of which only a small percentage involved crop losses. Hailstorms accounted for the loss of $16,407,588 to crops and $1,513,475 to other property. (See other articles elsewhere in this publication for detailed tabulations.)

During the year four tropical storms affected the mainland of the United States. The first disturbance of tropical origin, accompanied by extremely copious rainfall, occurred in April and affected the southern portion of Florida. Two tropical storms occurred in August, both entering the coast of Texas within 100 miles of each other. The second of these two was a severe storm resulting in extensive damage. (See weather by months below.) In October a tropical storm, with no damaging winds, moved into the North Carolina coast and dissipated. No major damages were reported. A severe hurricane, passing through the Caribbean area, struck Central America in early November, killing nine people on the Yucatan Peninsula, and causing $4,000,000 damage in British Honduras.

The mean temperature for the year 1942, derived by weighting the averages for the varying areas of the several States, was normal, being 53.2°, or the same as the average for the 1886 to 1942 period, during which time the highest mean annual temperature was 55.4° in 1934 and the lowest, 51.3° in 1917. With the exception of +1.3° in North Dakota, all the State annual averages for the past year were within 1° of their respective annual normals. The greatest negative departures were −1.0° for Idaho, followed by −0.8° for Texas. The annual mean temperatures were generally somewhat below normal in the Gulf States, Rocky Mountains, and Pacific States, except in Nevada and Washington, and practically normal to above elsewhere. The greatest plus departures were in the Northern Plains. Table 1 presents monthly and annual temperature departures from normal for the year 1942.

During the crop season from March 1 through September 30, temperatures were somewhat above normal in a fringe along the northwestern border and North Pacific Coast and over practically the entire eastern half of the country, except the Gulf States. Greatest positive departures occurred in the Great Lakes region, the Northeast, and along the middle eastern seaboard. The western half of the country was generally slightly below normal, with the greatest negative departures occurring in Texas, New Mexico, eastern Arizona, north-central California, and northern Great Basin, and southeastern Idaho. Chart 1 in the back of this publication presents the departure from normal temperature for the 1942 crop season.

Maximum temperatures of 100° and above were reported from every section, except New York and New England during the summer. The first record of temperatures over 100° in 1942 was 104° at Laredo, Tex., on the 30th of April. Readings of 105° to 111° were observed generally over the Great Plains States a few times, but such summer temperatures are not unusual in that part of the country. The last month with over 100° was October with 107° at El Centro, Calif. A temperature of 99° was reported from Laredo, Tex., as late as November 25. The extreme highest temperature for 1942 was 126° at Cow Creek, Calif., on July 24. The highest ever recorded in the United States was 134° at Greenland Ranch, Death Valley, Calif., on July 10, 1913.

A severe cold wave, at the beginning of the year, spread southeastward over practically the entire portion of the country east of the Rockies. Subzero temperatures were observed far south, and temperatures of −15° at Miami, Tex., on January 5 and −2° at Hollywood, Ga., on the 11th were reported. Freezing temperatures were observed in North Dakota and at the higher elevations of the West as late as April. In late October

zero weather again occurred in the more northern Plains States and Rocky Mountains, reaching Kansas by the 29th of November. The lowest temperature for the year was −52° at Taylor Park, Colo., on February 18.

The average annual precipitation for the country as a whole, based on weighted averages, was 31.10 inches for 1942, or 7 percent above the average for the period from 1886 to 1942 in which the extreme means were 32.74 inches in 1915 and 24.65 inches in 1910. Chart 4 in the back of this publication presents the areal distribution of total precipitation for 1942.

Monthly and annual amounts of precipitation by States are shown in table 3. Louisiana experienced the greatest rainfall with 56.84 inches, and Nevada the least, with 7.41 inches. Other States receiving more than 50 inches were Alabama, Florida, Georgia, New Jersey, North Carolina, and Tennessee, while an average of less than 20 inches also occurred in Montana, North Dakota, Wyoming, Colorado, Utah, New Mexico, and Arizona. The driest section of the United States was the Rocky Mountain area.

The greatest monthly amount reported at any station was 35.09 inches at Illahe, Oreg., in December; 34.09 inches was recorded at Valsetz in the same State during November. In contrast, 178 stations in California in August and 115 sations in Arizona in May and June were entirely without precipitation.

Precipitation averaged within 25 percent of the usual amounts for all States except Arizona where it was 33 percent below normal. South Dakota was exactly 25 percent above normal. The only States that were drier than usual for the year were California, Washington, Nevada, Utah, Arizona, Mississippi, and South Carolina. Although the Gulf States received the greatest amounts of precipitation, such an occurrence is practically normal for that part of the country. Figure 1 presents the State percentages of normal precipitation for the year; table 2, these percentages for the months and year; and table 4 the comparative percentages of normal annual precipitation for the last 10 years.

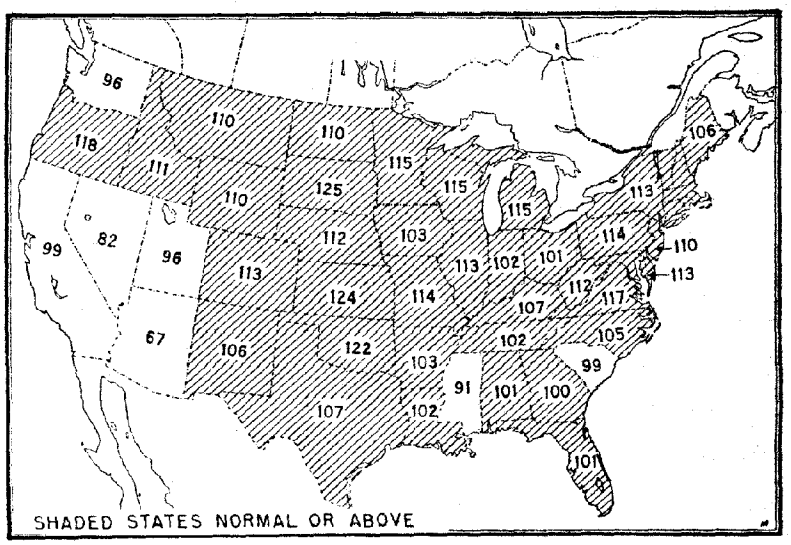


FIGURE 2.—Percentage of normal precipitation, April 1–September 30, 1942.

Snowfall was generally above normal over most northern sections of the country, with annual averages of 81.2 inches in the northern New England States, 77.5 in Michigan, 32.3 in Iowa, 77.3 in Colorado, and 54.5 in Washington. The total snowfall at Connecticut Lake, N. H. (elevation 1,660 feet) was 240.2 inches; at North Lake, N. Y. (elevation 1,833 feet), 230.0; at Calumet, Mich. (elevation 1,241 feet), 208.0; at Cumbrea, Colo. (elevation 10,015 feet), 385.0; at Tamarack, Calif. (elevation 8,060 feet), 467.0; at Paradise Inn, Ranger Station, Wash. (elevation 5,550 feet), 561.4. In contrast, most stations in the Gulf Coastal Plains received no snowfall, with only one station in Florida reporting as much as a trace.

It is shown by figure 2 that during the growing season, April 1 to September 30, 1942, precipitation was somewhat below normal in Nevada, Arizona, and Utah, and near normal in the Southeast and the far Northeast. Elsewhere amounts were above normal with substantial excesses in the western Cotton Belt, Great Plains, western Lake region, and especially in California. The active growing season, May to August, had a country-wide average of 12.12 inches, making it one of the wettest seasons of record. Precipitation over most of the United States was particularly favorable for crops during 1942. Charts 2 and 3 in the back of this publication present the total precipitation and the departure from normal precipitation, respectively, for the crop season.

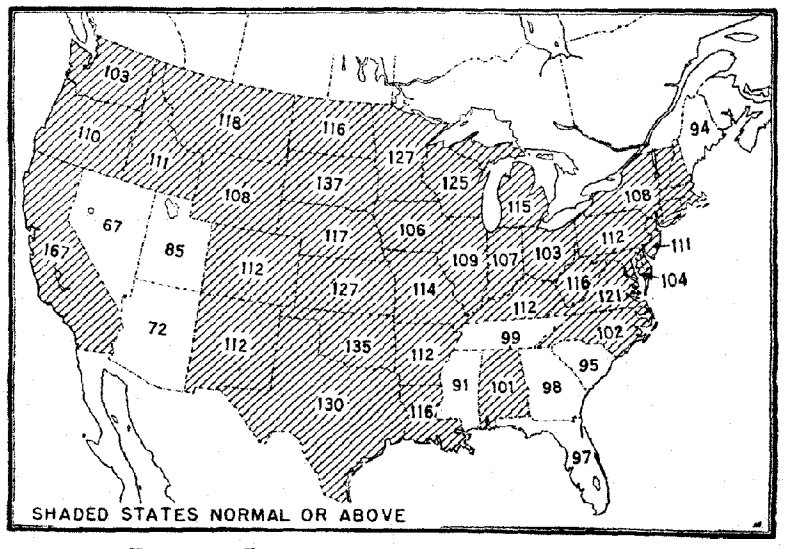


FIGURE 1.—Percentage of normal precipitation, 1942.

TABLE 1.—*Monthly and annual temperature departures from normal for the year 1942*

| State | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alabama | −3.2 | −3.9 | −0.4 | +1.0 | .0 | +0.4 | +0.7 | −1.1 | −2.3 | +1.0 | +3.0 | +1.7 | −0.3 |
| Arizona | +.7 | −4.6 | −3.6 | −2.0 | −2.3 | −1.6 | +1.4 | −.7 | +.1 | .0 | +3.0 | +3.1 | −.5 |
| Arkansas | −3.1 | −2.3 | +.4 | +1.3 | −1.1 | +.1 | +.6 | −1.3 | −3.1 | .0 | +3.2 | −.2 | −.5 |
| California | +1.1 | −2.6 | −1.2 | −2.1 | −2.9 | −1.4 | +.5 | +.2 | −.7 | +1.0 | −.3 | +.8 | −.6 |
| Colorado | −1.8 | −6.1 | −3.2 | +2.6 | −.4 | −.6 | +.8 | +.6 | −.4 | +.7 | +2.4 | +3.0 | −.2 |
| Florida | −2.1 | −5.2 | −2.0 | −0.8 | −.3 | +.3 | +1.9 | +.3 | +.5 | +2.2 | +5.5 | +2.5 | +.2 |
| Georgia | −1.4 | −4.8 | −1.2 | +0.7 | −.3 | +.4 | +1.2 | −1.0 | −1.2 | .0 | +2.2 | +.3 | −.4 |
| Idaho | −4.1 | −4.2 | −3.1 | +1.4 | −3.5 | −3.5 | +1.0 | +.6 | +1.4 | +1.2 | −1.0 | +1.8 | −1.0 |
| Illinois | +.2 | −.8 | +3.3 | +3.3 | +.2 | +.3 | +.3 | −1.1 | −2.2 | +.4 | +2.7 | −4.0 | +.2 |
| Indiana | −.4 | −2.2 | +2.7 | +4.3 | +1.2 | +.8 | +.5 | −.6 | −2.1 | +1.0 | +2.8 | −4.2 | +.3 |
| Iowa | +3.1 | +1.1 | +3.7 | +6.0 | −.9 | +.1 | −.4 | .0 | −2.5 | +1.4 | +2.5 | −3.9 | +.9 |
| Kansas | +.5 | −.7 | +1.0 | +3.3 | −.8 | −1.1 | +.8 | −1.0 | −3.2 | +.5 | +2.2 | −.8 | +.1 |
| Kentucky | −3.0 | −2.9 | +2.0 | +2.0 | .0 | +.8 | +1.0 | −.9 | −2.9 | +.3 | +3.4 | −1.6 | −.2 |
| Louisiana | −3.8 | −3.6 | −2.3 | .0 | −.4 | +.1 | .0 | .0 | −2.6 | +.4 | +2.9 | +.8 | −.7 |
| Maryland and Delaware | −.8 | −1.3 | +2.1 | +3.4 | +3.5 | +1.4 | +.7 | −.8 | +.5 | +1.5 | +1.6 | −3.1 | +.7 |
| Michigan | +.6 | −.5 | +3.8 | +6.2 | +.7 | +.3 | −1.2 | +.1 | −2.3 | +.5 | +.2 | −3.6 | +.4 |
| Minnesota | +8.2 | +3.9 | +6.5 | +6.0 | −2.5 | −1.7 | −2.1 | .0 | −4.3 | +.9 | +.3 | −4.5 | +.9 |
| Mississippi | −3.8 | −3.9 | −.9 | +0.9 | −.5 | +.4 | +.9 | −.9 | −2.3 | +1.0 | +3.6 | +.9 | −.4 |
| Missouri | +.4 | −.1 | +1.8 | +3.8 | −.7 | −.3 | +.7 | −1.4 | −2.0 | +.3 | +3.5 | −1.6 | +.4 |
| Montana | −.1 | −2.1 | +1.4 | +2.8 | −2.8 | −3.8 | −.3 | +.2 | +.8 | +1.6 | −1.3 | +1.8 | −.2 |
| Nebraska | +1.7 | −1.2 | +1.0 | +4.4 | −2.1 | −1.2 | .0 | +.5 | −3.3 | +1.0 | +1.8 | +.9 | +.3 |
| Nevada | +.4 | −2.4 | −1.4 | +0.8 | −2.3 | −.1 | +3.4 | +1.6 | +1.7 | +3.0 | +2.0 | +5.5 | +1.0 |
| New England | −1.0 | −1.1 | +4.5 | +2.7 | +3.4 | +.8 | −.7 | −.1 | +.6 | +1.5 | −.1 | −4.3 | +.5 |
| New Jersey | −2.0 | −.9 | +3.0 | +3.5 | −3.9 | +.8 | +.8 | −.7 | +.3 | +1.5 | +1.2 | −3.8 | +.6 |
| New Mexico | +.5 | −3.2 | −3.3 | +.1 | −.7 | .0 | +.6 | −.4 | −1.2 | −.5 | +3.4 | +4.1 | −.1 |
| New York | −.6 | −1.9 | +4.4 | +4.6 | +3.6 | +1.2 | −.1 | .0 | .0 | +2.0 | +.8 | −4.1 | +.8 |
| North Carolina | −1.8 | −4.8 | +1.1 | +2.3 | +1.1 | +1.6 | +1.5 | −.7 | +.4 | +.9 | +1.9 | −1.7 | +.2 |
| North Dakota | +12.0 | +4.4 | +6.1 | +3.4 | −3.6 | −2.9 | −1.9 | −.2 | −2.8 | +2.5 | +1.3 | −2.4 | +1.3 |
| Ohio | +.1 | −2.4 | +3.4 | +4.6 | +1.9 | +1.6 | +1.0 | −.4 | −1.1 | +1.7 | +2.1 | −4.0 | +.7 |
| Oklahoma | −1.2 | −.2 | −.1 | +1.9 | −.9 | −.2 | −.3 | −1.6 | −3.1 | −.9 | +3.1 | +.8 | −.2 |
| Oregon | −3.6 | −1.3 | −1.4 | +.6 | −2.7 | −2.8 | +.9 | +.8 | −.4 | +1.8 | −.4 | +2.6 | −.4 |
| Pennsylvania | −1.0 | −2.4 | +2.4 | +4.1 | +2.8 | +.9 | +.3 | −.8 | −.5 | +1.3 | +.4 | −4.0 | +.3 |
| South Carolina | −1.0 | −5.5 | +.3 | +1.9 | +.1 | +1.2 | +1.7 | −.7 | +.6 | +1.0 | +2.5 | −1.1 | +.1 |
| South Dakota | +6.7 | +2.1 | +2.7 | +4.9 | −3.8 | −2.3 | −1.5 | +.3 | −4.1 | +1.0 | +1.7 | −.7 | +.6 |
| Tennessee | −3.0 | −4.0 | +1.1 | +2.1 | +.4 | +1.6 | +2.1 | −1.0 | −1.9 | +.7 | +3.7 | −.8 | +.1 |
| Texas | −2.8 | −1.9 | −1.9 | −.2 | −.6 | +.2 | −1.4 | −1.2 | −3.5 | −1.1 | +3.2 | +1.2 | −.8 |
| Utah | −2.2 | −5.6 | −4.8 | +.8 | −3.4 | −1.5 | +1.5 | +.3 | +.2 | +1.8 | +.9 | +4.1 | −.7 |
| Virginia | −1.5 | −2.7 | +1.4 | +3.3 | +2.7 | +1.6 | +1.6 | −.8 | +.1 | +1.3 | +2.1 | −2.9 | +.5 |
| Washington | −3.0 | +.9 | −.4 | +.9 | −.5 | −1.5 | +2.1 | +3.1 | +2.6 | +1.5 | −2.9 | −.1 | +.2 |
| West Virginia | −1.9 | −4.0 | +1.7 | +2.9 | +1.8 | +1.7 | +.7 | −.7 | −1.3 | +1.1 | +1.5 | −3.2 | .0 |
| Wisconsin | +3.1 | +1.7 | +4.5 | +6.3 | −1.1 | −.4 | −1.2 | .0 | −3.1 | +.5 | +.4 | −4.2 | +.5 |
| Wyoming | −2.8 | −5.2 | −1.4 | +4.0 | −2.6 | −2.1 | +1.4 | +1.2 | −.2 | +1.3 | +.9 | +3.6 | −.2 |

TABLE 2.—*Percentage of normal precipitation, 1942*

| State | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alabama | 68 | 89 | 124 | 41 | 88 | 131 | 87 | 137 | 125 | 74 | 56 | 164 | 101 |
| Arizona | 79 | 46 | 46 | 179 | 0 | 0 | 62 | 79 | 61 | 108 | 11 | 84 | 67 |
| Arkansas | 73 | 87 | 86 | 169 | 80 | 112 | 37 | 165 | 106 | 100 | 102 | 115 | 103 |
| California | 86 | 83 | 54 | 231 | 182 | 19 | 14 | 160 | 16 | 49 | 160 | 93 | 99 |
| Colorado | 88 | 114 | 89 | 242 | 48 | 146 | 66 | 82 | 112 | 196 | 71 | 98 | 113 |
| Florida | 136 | 142 | 191 | 100 | 89 | 152 | 67 | 77 | 101 | 30 | 33 | 119 | 101 |
| Georgia | 106 | 93 | 167 | 37 | 126 | 113 | 83 | 109 | 128 | 78 | 65 | 146 | 100 |
| Idaho | 64 | 91 | 46 | 106 | 188 | 121 | 81 | 34 | 50 | 88 | 197 | 160 | 111 |
| Illinois | 61 | 173 | 94 | 75 | 104 | 138 | 150 | 105 | 84 | 72 | 194 | 130 | 113 |
| Indiana | 58 | 140 | 109 | 82 | 102 | 142 | 121 | 111 | 82 | 62 | 157 | 90 | 102 |
| Iowa | 69 | 106 | 114 | 39 | 117 | 128 | 133 | 89 | 108 | 65 | 109 | 134 | 103 |
| Kansas | 54 | 117 | 101 | 174 | 67 | 162 | 72 | 144 | 158 | 141 | 59 | 212 | 124 |
| Kentucky | 65 | 77 | 96 | 76 | 93 | 109 | 112 | 175 | 113 | 104 | 143 | 138 | 107 |
| Louisiana | 57 | 115 | 117 | 109 | 99 | 176 | 75 | 118 | 130 | 93 | 30 | 97 | 102 |
| Maryland and Delaware | 75 | 70 | 166 | 31 | 111 | 100 | 113 | 160 | 90 | 215 | 95 | 121 | 113 |
| Michigan | 92 | 59 | 166 | 53 | 134 | 112 | 127 | 101 | 147 | 109 | 106 | 148 | 115 |
| Minnesota | 25 | 41 | 195 | 97 | 171 | 89 | 103 | 143 | 159 | 57 | 43 | 34 | 115 |
| Mississippi | 53 | 88 | 111 | 72 | 85 | 104 | 56 | 135 | 112 | 111 | 39 | 134 | 91 |
| Missouri | 69 | 145 | 65 | 97 | 113 | 164 | 79 | 111 | 104 | 100 | 158 | 183 | 114 |
| Montana | 58 | 90 | 76 | 92 | 177 | 127 | 90 | 87 | 82 | 94 | 164 | 96 | 110 |
| Nebraska | 51 | 136 | 153 | 125 | 125 | 140 | 50 | 91 | 189 | 59 | 59 | 94 | 112 |
| Nevada | 82 | 77 | 63 | 101 | 99 | 47 | 32 | 58 | 7 | 71 | 191 | 92 | 82 |
| New England | 85 | 87 | 167 | 58 | 91 | 129 | 115 | 76 | 95 | 89 | 137 | 141 | 106 |
| New Jersey | 82 | 76 | 152 | 38 | 65 | 81 | 156 | 173 | 120 | 95 | 129 | 128 | 110 |
| New Mexico | 43 | 74 | 62 | 323 | 22 | 67 | 61 | 137 | 137 | 147 | 3 | 172 | 106 |
| New York | 69 | 90 | 141 | 78 | 118 | 82 | 129 | 94 | 143 | 101 | 125 | 183 | 113 |
| North Carolina | 68 | 90 | 130 | 31 | 129 | 103 | 87 | 123 | 132 | 139 | 68 | 140 | 105 |
| North Dakota | 19 | 77 | 235 | 135 | 131 | 91 | 100 | 151 | 107 | 46 | 31 | 110 | 110 |
| Ohio | 49 | 102 | 98 | 85 | 108 | 107 | 104 | 102 | 108 | 80 | 137 | 137 | 101 |
| Oklahoma | 51 | 99 | 61 | 239 | 48 | 170 | 53 | 161 | 156 | 126 | 80 | 157 | 122 |
| Oregon | 73 | 100 | 46 | 94 | 187 | 130 | 102 | 57 | 25 | 72 | 207 | 180 | 118 |
| Pennsylvania | 58 | 92 | 127 | 65 | 153 | 92 | 121 | 107 | 130 | 140 | 117 | 162 | 114 |
| South Carolina | 75 | 92 | 184 | 44 | 127 | 105 | 103 | 99 | 84 | 60 | 72 | 118 | 99 |
| South Dakota | 11 | 95 | 172 | 140 | 205 | 124 | 105 | 99 | 134 | 65 | 62 | 60 | 125 |
| Tennessee | 80 | 93 | 96 | 59 | 78 | 89 | 107 | 169 | 95 | 107 | 78 | 169 | 102 |
| Texas | 35 | 69 | 56 | 179 | 71 | 107 | 132 | 179 | 138 | 131 | 53 | 89 | 107 |
| Utah | 80 | 100 | 92 | 132 | 107 | 46 | 82 | 64 | 52 | 82 | 192 | 99 | 96 |
| Virginia | 77 | 59 | 114 | 20 | 136 | 125 | 93 | 192 | 144 | 211 | 71 | 132 | 117 |
| Washington | 53 | 74 | 65 | 80 | 146 | 171 | 191 | 43 | 15 | 96 | 148 | 107 | 96 |
| West Virginia | 56 | 71 | 94 | 53 | 117 | 115 | 96 | 174 | 137 | 141 | 139 | 164 | 112 |
| Wisconsin | 55 | 45 | 132 | 68 | 175 | 114 | 122 | 79 | 171 | 77 | 105 | 143 | 115 |
| Wyoming | 63 | 82 | 56 | 142 | 147 | 88 | 80 | 59 | 101 | 166 | 234 | 88 | 110 |

TABLE 3.—*Monthly and annual precipitation (inches), 1942*

| State | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alabama | 3.37 | 4.73 | 7.28 | 1.80 | 3.40 | 5.72 | 4.83 | 6.43 | 4.08 | 1.99 | 1.77 | 8.12 | 53.52 |
| Arizona | 1.07 | .50 | .60 | 1.20 | T | T | 1.34 | 1.84 | .82 | .93 | .11 | 1.08 | 9.49 |
| Arkansas | 3.20 | 2.97 | 3.95 | 8.42 | 3.89 | 4.54 | 1.39 | 5.94 | 3.52 | 3.19 | 3.83 | 4.87 | 49.71 |
| California | 4.17 | 3.80 | 1.98 | 3.98 | 1.75 | .06 | .01 | .16 | .07 | .60 | 3.78 | 3.64 | 24.00 |
| Colorado | .69 | 1.13 | 1.17 | 4.35 | .90 | 2.07 | 1.41 | 1.59 | 1.58 | 2.33 | .55 | .88 | 18.65 |
| Florida | 3.79 | 4.53 | 6.06 | 2.90 | 3.46 | 10.35 | 4.84 | 5.42 | 6.70 | 1.24 | .72 | 3.35 | 53.36 |
| Georgia | 4.46 | 4.53 | 8.10 | 1.38 | 4.29 | 5.05 | 4.79 | 5.76 | 4.61 | 2.08 | 1.68 | 6.29 | 52.99 |
| Idaho | 1.38 | 1.60 | .82 | 1.52 | 3.14 | 1.60 | .54 | .22 | .54 | 1.32 | 4.09 | 3.36 | 20.12 |
| Illinois | 1.45 | 3.34 | 2.92 | 2.62 | 4.19 | 5.47 | 4.89 | 3.53 | 3.06 | 1.92 | 5.12 | 2.76 | 41.27 |
| Indiana | 1.79 | 3.40 | 4.00 | 2.92 | 4.04 | 5.55 | 4.03 | 3.71 | 2.71 | 1.73 | 4.83 | 2.48 | 41.19 |
| Iowa | .76 | 1.15 | 1.96 | 1.06 | 4.70 | 5.93 | 4.89 | 3.17 | 4.13 | 1.53 | 1.76 | 1.59 | 32.63 |
| Kansas | .37 | 1.17 | 1.45 | 4.47 | 2.53 | 6.49 | 2.25 | 4.57 | 4.48 | 2.80 | .75 | 1.82 | 33.15 |
| Kentucky | 2.93 | 2.62 | 4.48 | 3.01 | 3.62 | 4.54 | 4.71 | 6.56 | 3.24 | 2.81 | 4.88 | 5.34 | 48.74 |
| Louisiana | 2.73 | 5.27 | 5.48 | 5.10 | 4.56 | 8.40 | 4.63 | 6.15 | 5.09 | 3.10 | 1.17 | 5.16 | 56.84 |
| Maryland and Delaware | 2.53 | 2.12 | 6.01 | 1.10 | 3.88 | 4.01 | 4.89 | 7.34 | 2.99 | 6.53 | 2.41 | 3.85 | 47.66 |
| Michigan | 1.82 | 1.00 | 3.44 | 1.26 | 4.32 | 3.45 | 3.46 | 2.80 | 4.69 | 2.99 | 2.68 | 3.06 | 31.97 |
| Minnesota | .19 | .30 | 2.34 | 2.06 | 5.52 | 3.60 | 3.35 | 4.67 | 4.55 | 1.06 | .49 | .93 | 29.06 |
| Mississippi | 2.70 | 4.27 | 6.31 | 3.52 | 3.61 | 4.42 | 2.87 | 5.71 | 3.38 | 2.90 | 1.40 | 7.13 | 48.22 |
| Missouri | 1.66 | 3.00 | 2.05 | 3.83 | 5.31 | 7.70 | 2.85 | 4.24 | 4.19 | 2.97 | 4.27 | 4.01 | 46.08 |
| Montana | .53 | .69 | .74 | 1.04 | 3.76 | 3.16 | 1.25 | .93 | 1.13 | 1.01 | 1.71 | .92 | 16.87 |
| Nebraska | .27 | .95 | 1.70 | 2.99 | 4.25 | 5.12 | 1.54 | 2.46 | 3.94 | .86 | .44 | .65 | 25.17 |
| Nevada | .98 | .83 | .62 | .81 | .85 | .24 | .12 | .29 | .03 | .44 | 1.28 | .92 | 7.41 |
| New England | 2.93 | 2.70 | 6.13 | 1.93 | 3.03 | 4.46 | 4.32 | 2.89 | 3.59 | 3.11 | 4.78 | 4.74 | 44.61 |
| New Jersey | 2.98 | 2.69 | 5.73 | 1.39 | 2.41 | 3.11 | 7.30 | 8.24 | 4.55 | 3.43 | 4.14 | 4.55 | 50.52 |
| New Mexico | .25 | .54 | .48 | 2.97 | .27 | .84 | 1.51 | 3.34 | 2.46 | 1.72 | .02 | 1.22 | 15.62 |
| New York | 2.00 | 2.42 | 4.36 | 2.32 | 4.03 | 3.00 | 5.04 | 3.53 | 4.98 | 3.32 | 3.75 | 5.43 | 44.18 |
| North Carolina | 2.53 | 3.63 | 5.44 | 1.10 | 5.21 | 4.84 | 5.14 | 6.89 | 5.18 | 4.61 | 1.76 | 5.36 | 51.69 |
| North Dakota | .09 | .36 | 1.83 | 1.96 | 3.03 | 3.12 | 2.43 | 3.09 | 1.67 | .46 | .18 | .53 | 18.75 |
| Ohio | 1.48 | 2.66 | 3.30 | 2.70 | 3.96 | 4.19 | 3.98 | 3.48 | 3.18 | 2.03 | 3.72 | 3.75 | 38.43 |
| Oklahoma | .74 | 1.40 | 1.29 | 8.31 | 2.21 | 6.69 | 1.49 | 4.78 | 4.91 | 3.87 | 1.64 | 2.63 | 39.96 |
| Oregon | 2.75 | 3.19 | 1.25 | 1.86 | 3.27 | 1.65 | .43 | .24 | .30 | 1.38 | 7.70 | 7.07 | 31.09 |
| Pennsylvania | 1.86 | 2.62 | 4.47 | 2.21 | 5.88 | 3.82 | 5.10 | 4.53 | 4.38 | 4.51 | 3.35 | 5.05 | 47.84 |
| South Carolina | 2.66 | 3.90 | 7.17 | 1.40 | 4.46 | 5.00 | 5.99 | 5.68 | 3.35 | 1.72 | 1.66 | 4.26 | 47.25 |
| South Dakota | .06 | .53 | 1.93 | 2.95 | 5.86 | 4.27 | 2.52 | 2.08 | 2.05 | .76 | .38 | .32 | 23.71 |
| Tennessee | 3.87 | 4.04 | 5.11 | 2.60 | 3.20 | 3.73 | 4.84 | 6.88 | 2.82 | 3.04 | 2.76 | 7.64 | 50.53 |
| Texas | .66 | 1.27 | 1.15 | 5.50 | 2.65 | 3.39 | 3.53 | 4.32 | 4.06 | 3.46 | 1.20 | 2.04 | 33.23 |
| Utah | .98 | 1.30 | 1.30 | 1.60 | 1.28 | .27 | .75 | .66 | .55 | .94 | 1.82 | 1.10 | 12.55 |
| Virginia | 2.53 | 1.81 | 4.19 | .65 | 5.02 | 5.25 | 4.30 | 8.70 | 4.41 | 6.34 | 1.71 | 4.05 | 48.96 |
| Washington | 2.56 | 2.77 | 2.14 | 1.90 | 2.94 | 2.86 | 1.28 | .33 | .26 | 2.81 | 7.57 | 5.94 | 33.36 |
| West Virginia | 2.02 | 2.22 | 3.64 | 1.86 | 4.61 | 5.17 | 4.44 | 7.22 | 3.97 | 4.04 | 3.81 | 5.42 | 48.42 |
| Wisconsin | .68 | .54 | 2.29 | 1.71 | 6.36 | 4.64 | 4.27 | 2.63 | 6.40 | 1.90 | 1.95 | 1.89 | 35.26 |
| Wyoming | .49 | .64 | .64 | 2.32 | 2.97 | 1.43 | 1.07 | .65 | 1.17 | 1.79 | 1.64 | .65 | 15.46 |

TABLE. 4.—*Percentage of normal precipitation by States*

| State | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 |
|---|---|---|---|---|---|---|---|---|---|---|
| Alabama | 91 | 104 | 93 | 113 | 111 | 92 | 112 | 102 | 87 | 101 |
| Arizona | 86 | 78 | 112 | 103 | 99 | 101 | 93 | 125 | 151 | 67 |
| Arkansas | 101 | 88 | 117 | 72 | 114 | 102 | 104 | 93 | 96 | 103 |
| California | 86 | 76 | 94 | 111 | 123 | 128 | 67 | 152 | 154 | 99 |
| Colorado | 92 | 66 | 96 | 98 | 88 | 117 | 65 | 102 | 136 | 113 |
| Florida | 106 | 101 | 99 | 109 | 111 | 82 | 103 | 99 | 111 | 101 |
| Georgia | 84 | 96 | 90 | 118 | 106 | 85 | 99 | 95 | 86 | 100 |
| Idaho | 100 | 89 | 72 | 96 | 116 | 113 | 79 | 127 | 124 | 111 |
| Illinois | 94 | 88 | 112 | 82 | 99 | 109 | 96 | 77 | 106 | 113 |
| Indiana | 103 | 75 | 100 | 86 | 117 | 104 | 99 | 83 | 83 | 102 |
| Iowa | 79 | 85 | 105 | 82 | 87 | 115 | 80 | 97 | 116 | 103 |
| Kansas | 83 | 74 | 106 | 69 | 78 | 102 | 75 | 96 | 138 | 124 |
| Kentucky | 111 | 81 | 126 | 83 | 109 | 101 | 104 | 85 | 73 | 107 |
| Louisiana | 98 | 106 | 102 | 82 | 106 | 90 | 92 | 134 | 109 | 102 |
| Maryland and Delaware | 120 | 112 | 116 | 107 | 126 | 101 | 106 | 105 | 79 | 113 |
| Michigan | 99 | 83 | 93 | 89 | 101 | 103 | 99 | 107 | 105 | 115 |
| Minnesota | 83 | 80 | 102 | 73 | 102 | 113 | 87 | 101 | 116 | 115 |
| Mississippi | 94 | 100 | 96 | 84 | 104 | 92 | 102 | 114 | 87 | 91 |
| Missouri | 90 | 85 | 118 | 73 | 93 | 102 | 95 | 81 | 105 | 114 |
| Montana | 103 | 73 | 71 | 75 | 85 | 109 | 84 | 100 | 115 | 110 |
| Nebraska | 85 | 61 | 97 | 62 | 75 | 95 | 69 | 74 | 104 | 112 |
| Nevada | 75 | 79 | 96 | 116 | 101 | 134 | 97 | 125 | 154 | 82 |
| New England | 107 | 103 | 93 | 119 | 114 | 122 | 92 | 103 | 78 | 106 |
| New Jersey | 109 | 99 | 93 | 105 | 105 | 116 | 95 | 107 | 82 | 110 |
| New Mexico | 88 | 70 | 102 | 94 | 104 | 101 | 91 | 104 | 195 | 106 |
| New York | 96 | 90 | 97 | 103 | 112 | 106 | 88 | 103 | 82 | 113 |
| North Carolina | 79 | 108 | 97 | 121 | 107 | 97 | 99 | 92 | 78 | 105 |
| North Dakota | 77 | 55 | 105 | 52 | 99 | 89 | 82 | 101 | 134 | 110 |
| Ohio | 99 | 70 | 104 | 88 | 117 | 103 | 100 | 101 | 83 | 101 |
| Oklahoma | 93 | 84 | 112 | 67 | 85 | 101 | 81 | 103 | 143 | 122 |
| Oregon | 108 | 99 | 78 | 89 | 133 | 101 | 79 | 113 | 114 | 118 |
| Pennsylvania | 107 | 92 | 95 | 100 | 110 | 95 | 87 | 103 | 80 | 114 |
| South Carolina | 75 | 95 | 89 | 122 | 109 | 85 | 97 | 90 | 93 | 99 |
| South Dakota | 76 | 66 | 85 | 58 | 86 | 88 | 79 | 79 | 108 | 125 |
| Tennessee | 102 | 95 | 100 | 95 | 112 | 100 | 100 | 86 | 74 | 102 |
| Texas | 84 | 87 | 121 | 102 | 87 | 88 | 80 | 113 | 141 | 107 |
| Utah | 83 | 74 | 85 | 132 | 115 | 118 | 96 | 123 | 163 | 96 |
| Virginia | 95 | 110 | 112 | 109 | 128 | 101 | 99 | 107 | 74 | 117 |
| Washington | 136 | 119 | 84 | 93 | 125 | 84 | 91 | 103 | 98 | 96 |
| West Virginia | 113 | 87 | 119 | 98 | 116 | 99 | 101 | 103 | 84 | 112 |
| Wisconsin | 89 | 100 | 100 | 84 | 90 | 137 | 87 | 108 | 112 | 115 |
| Wyoming | 87 | 78 | 87 | 94 | 110 | 108 | 73 | 103 | 128 | 110 |

*January.*—The first half of January was persistently cold, with temperatures dropping below zero quite generally from the Rocky Mountains eastward to the New England Coast and as far south as central Virginia, western North Carolina, and Tennessee. The lowest January temperature of record for Tennessee was equalled by −23° at Union City, and a new record low of −23° was established in South Jersey. A hard freeze penetrated the deep South, with minimum temperatures as low as 16° in northern Florida. Warm weather prevailed during the last half of the month in most sections with daily temperatures averaging from 20° to almost 30° above normal in northwestern areas; however, subnormal temperatures continued in the Great Basin of the far West. Averages for the month as a whole were decidedly above normal in the northern Plains.

During January precipitation was decidedly scanty in most sections, especially in the Great Plains, Rocky Mountains, and Southwest. It was wetter than usual in southern Alabama, southern Georgia, extreme northern Florida, and in sections of the Pacific States. Averages for the various States were below normal, except Georgia and Florida. North Dakota received the least January precipitation of record.

*February.*—The relatively coldest month was February. The mean temperatures for this month were above normal in the western Lake Region, the Missouri and upper Mississippi Valleys, and western sections of the Pacific States, and below elsewhere, with departures averaging −6.1° in Colorado, −5.6° in Utah, and −5.5° in South Carolina. The first half of the month was mild to abnormally warm for the season, except slightly below normal in the more eastern States; the latter half was decidedly cold.

Precipitation was heavy south of the Great Lakes, especially along the middle Gulf coast, and also in Pacific areas. Amounts were generally light in the Southwest, most Rocky Mountain sections, and from Montana to Michigan. This was the fourth wettest February of record in Illinois and the fifth driest in Wisconsin.

*March.*—Temperatures averaged below normal from eastern California and eastern Oregon eastward over the middle and southern Rocky Mountains and Gulf coastal plains, with departures averaging nearly 5° below their usual values in Utah and northern Arizona; elsewhere, monthly means were above normal. Departures for the month exceeded their normals by more than 8° at many stations in the northern interior.

Precipitation was heavy in a large southeastern area, in the Atlantic States, in a considerable north-central area, and in some Pacific coastal sections; while in the Southwest, it was decidedly dry. This was the wettest March on record in Minnesota and the second wettest in North Dakota. Record breaking snows for being so much so late in the season occurred in the southern Appalachian region on the 2d and 3d, in New Mexico on the 6th and 7th, and in Maryland, Delaware, and Pennsylvania on the 28th and 29th.

*April.*—Temperatures for April averaged above normal over practically the entire country, the exceptions being in California, Arizona, Florida, the immediate Gulf Coast, and sections of New Mexico. Excesses averaged more than 6° in most of the Lake Region. It was the second warmest April on record in Michigan and Wisconsin and the third in Iowa.

Heavy rains occurred in the Pacific States and western Plains, and amounts were abnormally large from Colorado and New Mexico to the lower Mississippi Valley; with monthly totals exceeding 10 inches in northeastern Texas, eastern Oklahoma, Arkansas, and some adjacent areas. On the other hand this was the driest April of record in the East, with the dryness extending southward over northern Florida. Heavy rains fell in extreme southern Florida in connection with a tropical storm, which produced a record rainfall of 19.32 inches at Miami airport on the 16th and 17th. It was the driest April of record in North Carolina, Maryland, and Delaware and the second driest in Virginia, New Jersey, and Iowa. Extremely heavy showers, which occurred in southeastern Florida on April 15 to 17th during the passage of a tropical storm, caused over $2,000,000 damage, mostly to vegetables.

*May.*—Temperatures were considerably above normal from the Carolinas to eastern Canada and generally below west of the Mississippi River, except in far Southwestern and north Pacific areas.

The drought situation was mostly relieved in the Atlantic States and Appalachian region during May and most of the northern portion of the country had above normal amounts, while a large portion of the Southwest had scanty rainfall. The average for Arizona was a trace, with 117 stations out of 140 in this State receiving no rain. It was the wettest May of record in Oregon.

*June.*—It was somewhat warmer than usual over the region east of the Mississippi River and in the Southwest and from nearly 2° to over 4° below normal in a large area from Minnesota westward almost to the middle and north Pacific coast.

The month was characterized by extreme dryness in the far Southwest and Great Basin of the far West and by abnormally heavy rains in much of the interior, especially the Great Plains, and in most sections of the south Atlantic and Gulf Coastal Plains. Although May and June normally are quite dry in Arizona, this was the only time of record with only an average of a trace for both May and June.

*July.*—Temperatures averaged moderately above normal over practically the entire country, the exceptions being most of southern Texas, an extreme northern area extending from the Dakotas to northern Michigan, and the greater portion of New England.

Marked local contrasts in rainfall occurred during this month. For instance, Cairo, Ill. received only one-fifth the usual amount, while nearby St. Louis, Mo., had the wettest July since 1875; also, Abilene, Tex., and Vicksburg, Miss., had the second driest, while San Antonio and Corpus Christi, Tex., had the wettest July of record. Totals for the month were generally light in the far West while they exceeded 8 inches in the middle and west Gulf Coastal Plains, sections of the middle Mississippi Valley, and in Appalachian areas.

*August.*—Monthly mean temperatures for August were mostly somewhat below normal in the region from New Jersey and Pennsylvania westward to Kansas and southward almost to the Gulf and generally above elsewhere, especially in the far Northwest.

Precipitation was quite heavy during August in the Middle Atlantic States, most of the South, and in Kansas, North Dakota, Minnesota, and New Mexico, while it was light from Montana, Wyoming, and Colorado to the Pacific Coast.

Two hurricanes moved in over the coastline of Texas during August. The first, occurring on the 21st, damaged property to the extent of $601,000, but no lives were lost. The second, striking on the 30th, caused the death of 8 persons and destruction of property valued at $26,500,000 of which $15,000,000 was suffered by crops, principally cotton and rice. The latter storm was attended by winds of over 100 miles per hour with gales extending well into the Edwards Plateau of Texas. It also produced new records of heavy rainfall at many stations in New Mexico.

*September.*—The first half of the month was rather uniformly warm, but the latter part brought abnormally cold weather to nearly all sections east of the Rockies. Record-breaking low temperatures for so early in the season were experienced in a considerable north-central area with unprecedentedly early snowfall. New low temperature records were established at half of the stations in Virginia.

Precipitation was generally above the average east of the Rocky Mountains except in the immediate central Mississippi Valley, and decidedly below normal in the far West with the driest September of record in Washington State. Monthly totals exceeded 8 inches in northwestern Wisconsin, eastern Kansas, and in areas from northeastern Texas to northern Florida. The earliest general snowstorm of record was reported from Iowa and central and southern Minnesota on the 25th and 26th.

*October.*—Temperatures averaged somewhat above normal in nearly all sections. A severe cold spell occurred between the 27th and 29th, when freezing temperatures and damaging frosts extended southeastward to the northern border of Florida.

Precipitation was rather spotted, being mostly below the usual amounts west of the Rocky Mountains, in the northern interior States, and in the Southeast. It was quite heavy in the area from Wyoming to central Texas, in the middle Atlantic States, and in western Washington.

*November.*—Warm weather prevailed during most of the month over the greater portion of the country, the principal exceptions being in northeastern border districts and much of Montana, Idaho, and sections of the Pacific States. The warmth was most persistent in cen-

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tral and southern sections, where temperature departures averaged from 2° to 4° above normal. It was the warmest November since 1931 in Arkansas and Florida. A southeastward surge of cold Canadian air near the end of the month brought readings of 20° below zero into Michigan on the 29th, which was the lowest ever recorded in that State during November.

November was abnormally wet in a large far northwestern area, including northern California. Amounts were also heavy from the Lake region and central Mississippi Valley eastward over the Ohio Valley and North Atlantic States. It was very dry in the South, western Plains, and especially in the Southwest. This was the wettest November of record in Wyoming and the second wettest in Oregon and Illinois.

*December.*—The month was much warmer than usual in the Gulf States and the far West, with the plus anomalies exceeding 6° in the middle and southern Rocky Mountains States. Elsewhere temperatures averaged below normal, especially in the area from North Dakota and the upper Mississippi Valley to the North Atlantic coast, where the departures were generally 4° or more below normal. It was the coldest and wettest December during the past 15 years at many stations in Michigan, Wisconsin, and adjoining areas.

Precipitation was below normal in most of the west Gulf coastal Plains and in the area from southern California and Arizona northeastward over the Great Basin, northern Rocky Mountains and northern Plains, and generally above elsewhere. Totals for the month exceeded 10 inches in many sections of Tennessee, Alabama, Mississippi, and east-central Louisiana, and also quite generally from northern California to Washington where monthly totals exceeded 20 inches at a number of stations.

## ALASKA

In the southern division of Alaska for 1942 temperatures averaged 42.2° or 1.3° above the normal, precipitation 91.28 inches or 4.88 inches above the normal, and the total snowfall 77.7 inches or 20.8 inches above the normal. In the northern division temperatures averaged 28.7 or 2.8 above the normal, precipitation 16.67 inches or 1.98 inches above the normal, and snow 41.9 inches or 16.8 inches below the normal.

The highest temperature recorded in the territory was 92° at Allakaket on June 26, and the lowest was −62° at Northway on December 19 and 20. The greatest annual precipitation was 208.87 inches at Latouche, and the least was 6.46 inches at Barrow. The greatest annual snowfall was 263.2 inches at Annex Creek, and the least was 14.6 inches at Skagway.

The first 10 months of 1942 were persistently above normal. September was the warmest September of record with temperatures averaging 2.4° above normal in the southern division and 5.1° above in the northern division. Abnormally heavy rainfall occurred over Susitna Drainage Basin during the last 10 days of September, with Curry reporting a 72-hour rainfall of 7.25 inches from the 20th to the 22d. These unusually heavy rains resulted in much property damage in the Talkeetna area.

## HAWAII

The average temperature for the Territory was 72.8° or 8.8° above the normal. The highest monthly mean temperature for the Territory was 76.1° in August and the lowest 67.6° in March. The highest temperature was 95° at Waianae, Oahu, on August 29th, and the lowest was 34° at Kanalohuluhulu, Kauai, on January 3d and the 22d. The November and December average temperatures of 74.3° and 72.7°, respectively, were the highest of record for these months. March, with an average temperature of 67.6°, was the coolest since 1918.

The most outstanding feature of the weather for the territory was the unprecedented rains which occurred during March. Some Koolau mountain stations on Oahu reported their greatest March precipitation of record. In Hawaii the windward upland areas of the Hauiakua and Kohala districts experienced by far their greatest March rainfall of record and at some of these stations the monthly totals and 24-hour amounts exceeded all previous records for any month. In East Maui amounts of rainfall received at some of the higher stations also established March records. The March average precipitation for the entire territory was 23.62 or the second highest average for any month of record and the greatest monthly total of 111.75 inches (partly estimated) occurred at Puokokamoa No. 2, Maui, during this month as did the greatest 24-hour amount of 21 inches at Honomu (Mauka), Hawaii, on the 9th.

The average surface wind movement of 12.8 miles per hour for March was the second greatest of any month of record.

## WEST INDIES AND CARIBBEAN SECTION

The mean annual temperature for 1942 was 79.7° or 1.0° above the normal. Temperatures averaged above their usual values for all divisions of the Carribean area. The extreme temperatures for the year were 98° at Dos Bocas and Rio Piedras, P. R., in July; and 47° at Cienfuegos, Cuba, in February. The annual rainfall during 1942 for the entire West Indies and Caribbean section averaged 69.60 inches or 5.83 inches above the normal.

A hurricane in British Honduras caused damage to property and crops estimated at $4,000,000.

## TORNADOES, 1942

The Weather Bureau Section Directors have compiled tornado data annually since 1916. The information for 1942, the twenty-seventh year in the series, is given in table 5, page 7–14 and a summary for each of the years is shown in table 9, page 16.

Descriptions of most of the tornadic disturbances of 1942 have previously appeared in Weather Bureau publications. The present tabulation differs slightly from that of the preliminary survey for 1942, printed in the December 1942 issue of the MONTHLY WEATHER REVIEW, because further investigation has determined changed classifications for a certain few storms.

For 1942, 29 States reported 173 tornadoes; 19 States, the District of Columbia, the 2 Territories, and the West Indies reported none. Two tornadoes which originated in Iowa passed into Illinois and Minnesota, and 1 that originated in Alabama passed into Tennessee, hence the net total for the year is 170. This total is 53 tornadoes more than were experienced in 1941, and is 121 percent of the average number per year, 1916 through 1941. In 6 of those years more tornadoes were reported than occurred in 1942 and in 20 years the number was less. The number of destructive tornadoes was reduced to 165 because 3 of the disturbances failed to extend to the ground and 2 struck unoccupied areas.

The estimated damage to property caused by tornadoes in 1942 was $15,268,950. This sum is 136 percent of the annual average amount of tornado losses throughout the country since 1916. More property losses than in 1942 were reported in 5 of the years, and in 21 years the damage was not so great as in 1942. Damage to crops amounted to only three one-hundredths of the total 1942 property losses.

Three hundred and eighty-four persons were killed by tornadoes during the year, or 160.7 percent of the average for the period, 1916–41. Only 6 of the years had more loss of life than 1942. The average number of lives lost annually through tornadoes since 1916, including 1942, is approximately 2 for each storm. Persons injured by tornadoes in 1942 number 2,085, compared with 458 in 1941 and 780 in 1940.

In the Rocky Mountain States and westward, only five tornadoes occurred, three in Colorado, one in Montana, and one in Wyoming. One of the storms in Colorado, on April 30th, caused property damage estimated at $50,000; damage from the other storms was slight. Each of the five storms was east of the mountains.

Between the Rocky Mountain States and the Mississippi River only North Dakota was spared from the ravages of tornadoes. Each of the other States had at least 2 storms and Iowa, Kansas, and Oklahoma had 18, 21, and 15, respectively. Altogether, this group of States had 100 tornadoes, or 59 percent of the 1942 national total. The estimated damages to property inflicted by tornadoes in the group amounted to $8,320,750, or 54 percent of the total for the country. Two hundred and one persons, 52 percent of the total, were killed and 737, or 35 percent of the total, were injured.

North of the Ohio and Potomac Rivers and east of the Mississippi, 29 tornadoes, or 17 percent of the national total, struck 7 of the 16 States. Property damage of $3,309,700 was reported for the group, or 22 percent of the total. Twenty-eight persons, or 7 percent of the country's tornado fatalities, were killed, and 181 persons, 9 percent of the total, were injured. Michigan, and all the States of this group which lie along the Atlantic were untouched, except Maryland, Massachusetts, and Connecticut, where damage was slight. The heavy damage was centered in Wisconsin, Illinois, and Indiana; in these States occurred 23 of the group's 29 tornadoes, all of the loss of life, all of the personal injuries, and almost all of the property damage. Illinois was the worst sufferer with 8 tornadoes (including 1 which originated in Iowa), property damage of $1,831,500, 21 persons killed, and 138 injured.

South of the Ohio and Potomac Rivers and east of the Mississippi, 39 tornadoes visited 9 of the 10 States. Property damage reported in this group was $3,587,700 or 23 percent of the national total, with 149 deaths, 39 percent of the total, and 1,163 injuries, 56 percent. West Virginia was the only State of the group unaffected; Florida, Kentucky, North Carolina, and Virginia had 1 tornado each, with no loss of life in Florida and Virginia, but 1 death occurred in North Carolina, and 24 in Kentucky. Mississippi, Alabama, Georgia, South Carolina, and Tennessee had from 5 to 10 tornadoes each, for a total of 35, with 124 killed, 1,020 injured, and property loss of $3,225,700.

### FREQUENCIES OF TORNADOES, 1942

Table 6 lists the frequencies of tornadoes by months for each State in continental United States. It will be seen from examination of the table that the occurences of tornadoes were concentrated in the months from February through June and in December. For the year as a whole, Kansas reported the highest annual figure, namely 21; Iowa was second with 18, and Oklahoma third with 15. In the remaining States recording tornadoes, the annual frequency generally ranged from 1 to 11.

TABLE 5.—*Tornadoes of 1942, 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. Jan. 1 | 5:35 a. m. | Mobile | NNE | 1 | 150–200 | 1 | 12 | 15,000 | |
| 2. Jan. 1 | 1–3 p. m. | Monroe and Conecuh | NE | 20 | 400 | 0 | 11 | 25,000 | |
| 3. Jan. 31 | 1:30 a. m. | Houston | NE | 10 | 1,000 | 0 | 0 | 7,000 | |
| *4. Feb. 6 | 2 a. m. | Franklin | NE | (1) | 200 | 3 | 34 | 10,000 | |
| 5. Feb. 6 | 8:30 a. m. | Autauga and Elmore | NE | 10 | 100 | 0 | 8 | 2,000 | Jumped and dipped. |
| 6. Feb. 6 | 8:45 a. m. | Chambers | E | 10 | 200 | 0 | 6 | 20,000 | |
| 7. Mar. 16 | 5 p. m. | Lauderdale | NE | 1½ | 100 | 2 | 6 | 34,500 | |
| 8. Dec. 5 | 10 p. m. | Russell | E | 6 | 200 | 0 | 10 | 7,000 | |
| ALASKA | | | | | | | | | |
| (None reported) | | | | | | | | | |
| ARIZONA | | | | | | | | | |
| (None reported) | | | | | | | | | |

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1942, arranged by States*—Continued

| State, number and date | Time | County | Direction of advance | Length of path | Width of path | Killed | Injured | Property losses | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| ARKANSAS | | | | *Miles* | *Yards* | *Number* | *Number* | *Dollars* | |
| 1. Feb. 5 | 7:15 p. m | Pike and Montgomery | NE | 15 | (3) | 1 | 12 | 500,000 | Many buildings destroyed. |
| 2. Feb. 5 | 8 p. m. | Clark, Hot Spring, and Grant | ENE | 60 | 50 | 0 | 24 | 36,000 | Some buildings and trees destroyed. |
| 3. Feb. 5 | 9:30 p. m. | Saline and Pulaski | NE | 15 | 150 | 3 | 19 | 1,050,000 | Many roofs and windows damaged in Little Rock. |
| 4. Feb. 5 | 7:30 p. m. | Carroll | ENE | (2) | 400 | 0 | 10 | 160,000 | |
| 5. Feb. 5 | 10:30 p. m. | Randolph | NE | 10 | (3) | 0 | 2 | 4,000 | |
| 6. Oct. 29 | 10:30 p. m. | Carroll | ENE | 2 | 800 | 29 | 100 | 500,000 | All damage in Berryville; 137 buildings destroyed. |
| 7. Oct. 29 | 5:40 p. m. | Polk | NE | 1 | 100 | 0 | 0 | 15,000 | All damage in Mena; tornado bounced, touching surface at intervals. |
| CALIFORNIA | | | | | | | | | |
| (None reported) | | | | | | | | | |
| COLORADO | | | | | | | | | |
| 1. Apr. 30 | 2 a. m. | Kiowa | NE | 35 | [6] 1¼ | 4 | 0 | 50,000 | All buildings and trees in path destroyed; considerable poultry and livestock killed. |
| 2. June 14 | 1 p. m. | Costilla | (1) | (1) | [6] 1 | 0 | 0 | 300 | |
| 3. June 18 | 4 p. m. | Cheyenne | (1) | (1) | [6] 9 | 0 | 0 | (4) | |
| CONNECTICUT | | | | | | | | | |
| 1. Sept. 24 | 5:05 p. m. | Hartford | SE | 3 | 200 | 0 | 0 | | Unroofed dwellings, barns, garages, porches; leveled a 1-story frame building; falling trees crushed 2 parked cars. (Unionville, Plainville and Forestville, Conn.) |
| DELAWARE | | | | | | | | | |
| (None reported) | | | | | | | | | |
| DISTRICT OF COLUMBIA | | | | | | | | | |
| (None reported) | | | | | | | | | |
| FLORIDA | | | | | | | | | |
| 1. Jan. 1 | 12 noon | Washington | NE | (1) | (3) | 0 | 5 | Slight | 4 buildings demolished; 1 other slid off foundation. |
| GEORGIA | | | | | | | | | |
| 1. Feb. 6 | 1-1:30 p. m., C. W. T. | Meriwether to Spalding | ENE | 10 | 200-400 | 6 | About 25 | 40,000 | Storm first noted near Alvaton and moved over sparsely settled rural districts to within 3 miles of Griffin. Terrific destruction all along path, involving at least 20 homes, numerous smaller buildings, a cotton gin, a church building, and a large amount of timber. Principal damage was near Alvaton and Montrose (Meriwether County), Dreweysville and Blanton's Mill (Spalding County). |
| 2. Feb. 6 | 1:30-2 p. m., C. W. T. | Spalding to Taliaferro | ENE | 50-60 | 200-880 | 7 | 50 or more | 250,000 | May have been continuation of preceding storm. Considerable destruction affecting more than 100 homes and many other buildings, much timber, and severe disruption of power and communication lines. Storm path extended, apparently without lifting, from eastern Spalding County through central Butts, north-central Jasper, northern Putnam, southern Greene, and terminated in extreme eastern Taliaferro County. Damage was intensified near Monticello, Eatonton, and Crawfordville. |
| 3. Feb. 6 | 4 p. m., C. W. T. | Laurens to Emanuel | E | About 30 | 400 | 0 | 2 | 60,000 | Storm rapidly lost intensity after leaving Dublin, where most of the damage occurred. Dozen automobiles severely damaged by falling trees. Several business houses and many homes severely damaged. Trees blown down or uprooted throughout city and power and communication lines down. |
| 4. Dec. 1 | Late afternoon | Hart | NE | Unknown | Small | 0 | 0 | 50,000 | Storm reported to have moved into South Carolina after cutting path from southeast Hart County through Hartwell. Timber in path severely damaged and considerable damage to homes, also a a large auditorium in Hartwell. |
| 5. Dec. 1 | Late afternoon | Emanuel | E | Small | Small | 0 | 2 | [c] 1,000<br>6,000 | Occurred over very small area near Wrightsville. Three homes completely destroyed. Several others partially so. Feed barn destroyed with stored crops valued at $1,000 lost. |
| HAWAII | | | | | | | | | |
| (None reported) | | | | | | | | | |
| IDAHO | | | | | | | | | |
| (None reported) | | | | | | | | | |

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1942, 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. March 16 | 10:30 a. m. | Champaign and Vermilion | NE | 60 | 150 | 11 | 50 | 200,000 | Greatest damage occurred in Vermilion County, northeast part. |
| 2. March 16 | 4 p. m. | Fulton, Peoria, Knox, Marshall | NE | 60 | 400 | 7 | 70 | 600,000 | Major damage occurred near Lacon in Marshall County, where 60 or more homes were destroyed. |
| 3. March 16 | 5 p. m. | Logan | NE | 5 | 400 | 2 | 2 | 25,000 | |
| 4. May 2 | 7 p. m. | Morgan, Sangamon, Logan, DeWitt. | NE | 65 | 200-300 | 1 | 12 | 285,000 | |
| 5. June 19 | 2:30 p. m. | Crawford | NE | 10 | 440 | 0 | 2 | 50,000 | |
| *6. July 5 | 11:30 p. m. | Rock Island, Henry, Bureau | SE | 50 | [6] 4 | 0 | 2 | [c] 325,000 | Moved from eastern Iowa NW of Davenport. |
| 7. July 6 | 2 a. m. | Morgan | SE | 3 | 440 | 0 | 0 | 1,500 | |
| 8. July 8 | 1:30 a. m. | Lawrence | NE | 1 | 1,320 | 0 | 0 | 5,000 | |
| | | | | | | | | [c] 15,000 | |
| INDIANA | | | | | | | | | |
| 1. March 16 | 6 p. m. | Shelby, Rush, Henry | NE | (1) | 400 | 0 | 7 | 300,000 | Most of the damage was at Shelbyville. |
| 2. March 16 | 9:30 p. m. | Marshall, Elkhart | NE | (1) | 170 | 2 | 32 | 400,000 | Most of the damage was at Goshen. |
| 3. March 16 | 10 p. m. | Parke | NE | (1) | 20 | 0 | 0 | 1,000 | Occurred near West Union. |
| 4. June 19 | 3 p. m. | Pike | NE | (1) | 200 | 0 | 0 | 5,000 | Occurred north of Iva. |
| 5. June 20 | 6 p. m. | Marion | NE | 1 | 20 | 0 | 0 | 2,500 | Occurred west of Indianapolis. |
| 6. June 20 | 6:30 p. m. | Clinton, Howard | NE | 35 | 170 | 4 | Many | 500,000 | Greatest damage at Kokomo. |
| IOWA | | | | | | | | | |
| *1. May 30 | 5-6:30 p. m. | Lyon, Osceola, Dickinson | ENE | 35 | [6] ½ | 0 | 0 | 50,000 | Struck south of Little Rock at 5 p. m., then lifted and traveled 20 miles before redeveloping and striking at Lake Park. Continued into Minnesota as No. 4. |
| 2. June 3 | About 1 a. m. | Cherokee | S | 4 | (3) | 0 | 0 | 2,500 | Tornado formed in midst of area of hail and torrential rain, damaging buildings on several farms. |
| 3. June 6 | 2:10 p. m. | Cherokee | SSE | 3 | (3) | 0 | 0 | 0 | Three funnel clouds formed and one of these reached the ground and traveled a distance of about 3 miles across open fields and pastures. The funnel was observed from points as much as 5 to 10 miles distant. There was practically no damage. |
| 4. June 6 | 4:20 p. m. | Bremer | SE | 2 | (3) | 0 | 0 | (5) | Minor damage on several farms. |
| 5. June 15 | 3 p. m. | Pottawattamie | SW to NE | (2) | | | | (5) | Following heavy hail, a dark black cloud developed into a tornado funnel. The cloud rose and fell but remained aloft most of the time. Damage was mostly confined to some telephone wires in the storm's path. |
| 6. June 15 | 4:10 p. m. | Madison, Dallas, Polk | SW to NE | 30 | (3) | | 1 | 10,000 | A tornado developed near the Dallas-Madison County border and moved northeastward across Van Meter and Walnut townships of Dallas County, and across the northwest corner of Webster township of Polk County. Reaching Jefferson township, it turned sharply eastward and dissipated. The storm passed west of Waukee and east of Grimes. Its path was through a rural area and it lifted frequently, and damage was mostly to farm property. |
| 7. June 15 | 5:30 p. m. | Decatur, Lucas | SW to NE | 12 | 100 | | | 20,000 | Another small tornado struck in the northeast corner of Decatur County. The storm traveled in a rural area, lifting and dipping at times, and finally disappeared after it had passed into Lucas County. |
| 8. June 15 | 6 p. m. | Marshall | SW to NE | (2) | | | | | A tornado aloft was reported at Marshalltown. Tornado dipped and wrecked buildings on one farm south of Green Mountain. |
| 9. June 15 | 7:15 p. m. | Buchanan | S to N | [1] 3 | 200 | | 6 | 250,000 | A tornado caused widespread destruction in a crescent-shaped area. The path of destruction curved from southeast to northwest and thence northeast. |
| 10. June 15 | 9 p. m. | Jackson | | | | | | | A severe squall or tornado wrecked buildings on 2 farms near Andrew. |
| 11. June 28 | Late afternoon | Pottawattamie | NE | (3) | (3) | 0 | 0 | 1,500 | This storm may have redeveloped as No. 13. |
| 12. June 28 | Late afternoon | Pottawattamie | NE | (2) | (3) | 0 | 1 | 1,000 | Tornado developed some miles east of No. 11. |
| 13. June 28 | 6:15-7:30 p. m. | Guthrie-Boone | NE | 50 | [6] ½ | 0 | 0 | 38,000 | Storm path not continuous. It may have been a redevelopment of No. 11 and followed a course parallel with No. 14. There was also some straight wind and hail damage. |
| 14. June 28 | 7 p. m. to late evening. | Polk-Marshall | NE | 40 | [6] 1 | 1 | 5 | 40,000 | Storm path not entirely continuous and partially obscured by damage due to hail and straight wind. It is possible 1 or more secondary tornadoes developed in connection with and between Nos. 13 and 14. |
| 15. July 5 | 6:30 p. m. | Hancock | SE | 7 | [6] ½ | 0 | 0 | 3,000 | Tornado developed in connection with line squall and hail. It probably re-developed as No. 16. |

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1942, arranged by States*—Continued

| State, number and date | Time | County | Direction of advance | Length of path | Width of path | Killed | Injured | Property losses | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| IOWA—continued | | | | *Miles* | *Yards* | *Number* | *Number* | *Dollars* | |
| *16. July 5 | 10:45 p. m. | Scott | SE | (1) | (1) | 0 | 0 | 50,000 | Damaged trees, glass store windows, small buildings, roofs, signs and communication lines; crop loss 15 percent in a few areas. Continued as Illinois No. 12. |
| 17. July 18 | 8 p. m. | Calhoun | E | (1) | (3) | 0 | 0 | 1,000 | Three farms struck. |
| 18. August 27 | 4 p. m. | Mills | NE | 5 | (3) | 0 | 0 | 3,500 | Other damage by straight winds. |
| KANSAS | | | | | | | | | |
| 1. April 18 | 3 p. m. | Lane | NE | 2 | [6] ¼ | 0 | 0 | 500 | Storm struck eastern portion of Dighton. Damage was to small buildings in city and to rural property to the east. |
| 2. April 18 | 4 p. m. | Comanche | NE | 1 | 100 | 0 | 0 | 3,000 | Originated 4 miles south of Coldwater. 2 farms hit. |
| 3. April 24 | 9:30 p. m. | Kingman | NE | 12 | 100 | 0 | 0 | 500 | Originated 7 miles west of Norwich. |
| 4. April 29 | 10:30 p. m. | Decatur | NNE | 20 | 150 | 15 | (1) | 100,000 | Originated 8 miles south and 1 mile east of Oberlin. Ended 1 mile east of Cedar Bluff. Damage to rural property. |
| 5. May 2 | 3:30–5:20 p. m. | Wilson, Neosho, Allen, Linn | NE | 88 | [6] 1½ | 3 | (1) | 220,000 | Originated 6 miles southwest of Fredonia. Ended short distance north of Boicourt. Chief damage to rural property. |
| 6. May 2 | 4 p. m. | Allen and Anderson | NNE | 15 | [6] ¼ | 0 | 0 | 100,000 | Began 3 miles north of Iola. Ended 2 miles north of Lone Elm. Considerable number of livestock killed. |
| 7. May 10 | 5–8 p. m. | Haskell, Gray, Ford | ENE | 48 | [6] ¼ | 0 | 2 | 80,000 | Damage to farm property except in Dodge City. Forward movement of storm unusually slow. |
| 8. May 10 | 7:30 p. m. | Norton | NW | 4 | (3) | 0 | 0 | 30,000 | Occurred 4 miles north of Lenora. |
| 9. May 22 | 3 p. m. | Jefferson | NE | | | 0 | 0 | (3) | Vortex cloud observed; did not touch ground. |
| 10. May 31 | 4:30 p. m. | Ottawa | SE | 1½ | 200 | 0 | 2 | 50,000 | Formed 2 miles south and 3 miles west of Delphos. |
| 11. May 31 | 5 p. m. | Ottawa | E | 8 | 200 | 0 | 0 | 50,000 | Began northeast of Delphos and ended 3½ miles south of Lamar. |
| 12. May 31 | 6–9 p. m. | Clay | SE | 4 | [6] ½ | 0 | 0 | 6,000 | Struck 2½ miles northwest of Longford. |
| 13. June 19 | 9:30 p. m. | Riley | E | 12 | 17 | 0 | 0 | 30,000 | Originated 4 miles northeast of Milford. |
| 14. June 19 | 10 p. m. | Riley | W | 2 | [6] ¼ | 0 | 0 | 9,500 | Occurred 5½ miles south of Riley. Course very erratic. |
| 15. June 20 | 8:32–8:50 p. m. | Sedgwick | (1) | 8 | [6] ¼ | 4 | 0 | 85,000 | Occurred 2 miles west of Mulvane. |
| 16. June 20 | 11:05 p. m. | Scott | SE | (1) | (1) | 0 | 0 | (1) | Occurred 2½ miles west of Modoc. |
| 17. July 18 | 6:30 p. m. | Grant | SE | 4 | [6] ⅛ | 0 | 0 | 150 | Chief damage in Hickok. |
| 18. August 6 | 9:30 a. m. | Shawnee | (1) | (1) | (1) | 0 | 0 | (3) | Did not reach ground. Occurred west of Topeka. |
| 19. August 9 | 9:30 p. m. | Russell | (1) | 40 | (1) | 0 | 0 | (1) | Tornado sighted during violent wind storm near Waldo. |
| 20. August 22 | 1 p. m. | Rice | SE | (1) | (1) | 0 | 0 | (3) | 6 vortex clouds seen 4 miles east of Alden. None reached ground. |
| 21. November 16 | 6 p. m. | Anderson | (1) | 15 | 500 | 0 | 0 | 2,500 | Occurred 4 miles west of Bush City. |
| KENTUCKY | | | | | | | | | |
| 1. March 16 | 5:40–7:20 p. m., C. W. T. | Muhlenberg, Grayson, Nelson, Hardin. | NE | 42 | 100–300 | 24 | 108 | 312,000 | Path indefinite, irregular, broken, patchy; widened to about 1¼ miles at Hardin County line and extended only a short distance into Hardin County. |
| LOUISIANA | | | | | | | | | |
| 1. June 10 | 10:15 a. m. | Aroyalles | NE | (1) | 100 | 0 | 0 | 500 | |
| 2. December 22 | 5:45 a. m. | Pointe Coupee | NE | (1) | 100 | 2 | 4 | 7,500 | Two homes and outbuildings demolished. |
| MAINE | | | | | | | | | |
| (None reported) | | | | | | | | | |
| MARYLAND | | | | | | | | | |
| 1. August 17 | 11 a. m. | Garrett | E | 1 | 33–50 | 0 | 0 | 500 | At McHenry. |
| 2. August 17 | 11 a. m. | Garrett | E | 7 | 33–100 | 0 | 0 | 7,500 | From 1 mile north of Deer Park to Swanton. |
| MASSACHUSETTS | | | | | | | | | |
| 1. July 14 | 5:35 p. m. | Bristol | (1) | ½ | 50 | 0 | 0 | 3,000 | Damaged 5 houses; toppled 30-foot silo; tipped over 9-foot well house (in Somerset, Massachusetts). |
| MICHIGAN | | | | | | | | | |
| (None reported) | | | | | | | | | |
| MINNESOTA | | | | | | | | | |
| 1. April 27 | 3:10 p. m. | Lac qui Parle, Big Stone and Traverse. | NNE | 35 | 167 | 2 | 7 | 80,000 | Country school demolished; roof of farm home lifted; number of barns, outbuildings wrecked; poles, wires down; trees uprooted; some livestock perished; growing crops damaged. |
| 2. May 13 | 12:10 p. m. | Brown, Redwood, and Renville. | NE | 27 | 100 | 0 | 4 | 135,200 | A number of houses destroyed; many barns, outbuildings, garages, silos, windmills demolished; brick chimney badly damaged; automobiles, farm machinery wrecked or damaged; many houses, barns unroofed, moved from their foundations or otherwise damaged; many trees uprooted; poles, wires down; much livestock and poultry perished. |

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1942, arranged by States*—Continued

| State, number and date | Time | County | Direction of advance | Length of path | Width of path | Killed | Injured | Property losses | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| MINNESOTA—CON. | | | | *Miles* | *Yards* | *Number* | *Number* | *Dollars* | |
| 3. May 13 | 2:30 p. m. | Hennepin, Wright, and Anoka | NE | 6 | 67 | 0 | 0 | 20,500 | A house and a number of barns and outbuildings were wrecked; several houses damaged; many trees uprooted. |
| *4. May 30 | 6:30 p. m., C. W. T. | Jackson | ENE | | | 0 | 0 | 15,000 | Serious damage occurred on 3 farms, a continuation of Iowa No. 1 storm. |
| 5. June 11 | 2:45 p. m. | Traverse | NE | 8 | 100 | 0 | 0 | 1,200 | Some structural damage; trees uprooted. |
| 6. June 28 | 8 p. m., C. W. T. | Houston | ENE | 10 | 33 | 0 | 0 | 10,000 | A number of farm buildings wrecked or damaged; trees uprooted. |
| MISSISSIPPI | | | | | | | | | |
| 1. February 6 | 2 a. m. | Lee | NE | 3 | 400–800 | 1 | 27 | 75,000 | |
| 2. March 16 | 4 p. m. | Leffore, Carroll, Grenada, Yalobusha, Lafayette, Pontotoc, Union, Lee. | NE<br>NNE for Yalobusha | 90 | 150–200 | 65 | 465 | 625,000 | Touched at intervals as it traveled a path of approximately 90 miles, from Itta Bena, Leffore County, to Baldwyn, Lee County. Greatest destruction at Itta Bena, Greenwood (vicinity of), Grenada, O'Tuckalofa, and Baldwyn. Little crop damage, as planting just begun. |
| 3. March 16 | 4:25 p. m. | Pontotoc, Lee, Prentiss, Tishomingo. | NE | 45 | 300 | 5 | 35 | 750,000 | Moved from vicinity of Pontotoc to Tishomingo County, passing through the town of Baldwyn about 40 minutes after tornado No. 2 (above), and causing considerably greater damage at that place. (Total property damage at Baldwyn from both storms estimated at $1,000,000.) Little crop damage, as planting just begun. |
| 4. March 16 | 4:30 p. m. | Marshall, Benton | NE | 6 | 400 | 5 | 25 | (4) | |
| 5. December 26 | 11:20 a. m. | Simpson | NE | (1) | 200 | 0 | 5 | 100,000 | Ten small homes and outbuildings demolished, 25 others damaged. |
| MISSOURI | | | | | | | | | |
| 1. March 13 | 7–7:30 p. m. | New Madrid | SE | (1) | (1) | 0 | 0 | 1,500 | Small, local, 1 mile north of Morehouse. |
| 2. April 27 | 1–2 p. m. | Johnson | NE | (1) | [6] 3 | 0 | 0 | (1) | Damaged homes, barns, small outbuildings, and trees. |
| 3. April 30 | 11:45 p. m. | Greene and Webster | NE | 2 | 500 | 1 | 0 | 2,500 | Apparently 2 separate storms but occurring at same time. |
| 4. May 13 | 3:07 p. m. | Boone | ENE | 2 | 50 | 0 | 0 | 5,000 | Struck about 4 miles NE of Columbia. |
| 5. June 20 | 3:20 a. m. | Holt | (1) | (1) | (1) | 0 | 0 | (1) | Occurred at Oregon. |
| 6. June 20 | 3:40 a. m. | DeKalb | NE | 8 | [6] 1 | 0 | 2 | (1) | Struck at Amity. |
| 7. October 29 | 6:50 p. m. | Nodaway | NE | 2 | 220 | 0 | 8 | 15,000 | Struck 4 miles west of Conception Junction. |
| 8. October 29 | 11:30 p. m. | Howell | NE | (1) | [6] 4–5 | 0 | 0 | 7,000 | Struck at Willow Springs, first south and second north. (Injuries and damage include both storms.) |
| 9. October 30 | 3 a. m. | Howell | NE | (1) | 4–5 | 2 | 0 | | |
| MONTANA | | | | | | | | | |
| 1. August 27 | 3:30 p. m., MWT | Meagher | NE | 3–4 | [6] ½ | 0 | 0 | (5) | Damage limited to strip of timber and fence. |
| NEBRASKA | | | | | | | | | |
| 1. April 29 | Afternoon | Lincoln | NE | 2 | 400 | 0 | 0 | 5,000 | Several farm buildings damaged. |
| 2. April 29 | 10 p. m. | Boyd | NE | 10 | 400 | 0 | 0 | 28,000 | Buildings on 12 farms damaged. |
| 3. May 11 | 5–6 p. m. | York | SW | 1 | 100 | 0 | 0 | 10,000 | Attended by heavy hail. |
| 4. May 12 | 6–8 p. m. | Custer | NE | 40 | 400 | 0 | 3 | 50,000 | Attended by heavy hail. |
| 5. May 12 | 8–11 p. m. | Antelope, Pierce, Knox, Holt | NE | 60 | 500 | 6 | (1) | 80,000 | Several persons injured. Many farm buildings wrecked. |
| 6. May 12 | 4–5 p. m. | Perkins | E | 10 | 200 | 0 | 3 | 30,000 | Attended by heavy hail. |
| 7. June 27 | 6 p. m. | Knox | (1) | 1 | 300 | 0 | 1 | 10,000 | |
| NEVADA | | | | | | | | | |
| (None reported) | | | | | | | | | |
| NEW HAMPSHIRE | | | | | | | | | |
| (None reported) | | | | | | | | | |
| NEW JERSEY | | | | | | | | | |
| (None reported) | | | | | | | | | |
| NEW MEXICO | | | | | | | | | |
| (None reported) | | | | | | | | | |
| NEW YORK | | | | | | | | | |
| (None reported) | | | | | | | | | |
| NORTH CAROLINA | | | | | | | | | |
| 1. December 1 | 9–9:30 p. m. | Columbus | ENE | 16 | 300 | 1 | 30 | 45,000 | |
| NORTH DAKOTA | | | | | | | | | |
| (None reported) | | | | | | | | | |
| OHIO | | | | | | | | | |
| 1. May 6 | Evening | Highland | | | | | | (1) | Three barns completely destroyed. Streets obstructed by fallen trees which crashed into windows and otherwise damaged buildings. |
| 2. September 23 | | Shelby | | | | | | (1) | Caused partial destruction to buildings on 3 different farms besides uprooting many trees and riddling the standing corn and corn shocks in its path. |

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1942, arranged by States*—Continued

| State, number and date | Time | County | Direction of advance | Length of path | Width of path | Killed | Injured | Property losses | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| OKLAHOMA | | | | *Miles* | *Yards* | *Number* | *Number* | *Dollars* | |
| 1. January 30 | 12:50 p. m. | Le Flore | NE | 1 | 100 | 0 | 1 | 2,000 | Funnel of tornado cloud did not touch ground but remained 25 to 50 feet aloft; homes, business buildings, telephone and telegraph lines damaged. |
| 2. February 6 | 6 p. m. | Le Flore | E | 6 | 100 | 1 | 5 | 10,000 | Many homes and other buildings damaged. |
| 3. March 15 | 11:10 p. m. | Canadian, Kingfisher | NE | 12 | 300–1,400 | 0 | 1 | 30,300 | Struck Okarche and moved northeast into Kingfisher County. Some damage to buildings in Okarche but the greater portion of the loss occurred in the rural area northeast of that city. Many barns and other farm buildings were either destroyed or badly damaged. Several hundred, fowls, mostly chickens, were killed and several farm animals also lost their lives. Power and telephone lines were blown down in Okarche. |
| 4. April 27 | 3:45 p. m. | Rogers and Mayes | ENE | 20 | 440 | 52 | 181 | 2,000,000 | One of the most disastrous tornadoes ever to strike Oklahoma originated a few miles south of Claremore and the center passed directly over the main portion of the city of Pryor, including the principal business section. Dozens of frame buildings and several brick and stone buildings destroyed; communication and power lines wiped out completely for a distance of 15 miles around Pryor. Torrential rains accompanied the storm. |
| 5. April 27 | 3:45 p. m. | Rogers | ENE | 15 | (3) | 0 | 0 | (1) | Buildings and other property destroyed in rural districts. Damage not in excess of a few thousand dollars. |
| 6. April 30 | 5:15 a. m. | Custer | NE | 3 | 30 | 0 | 0 | 9,000 | Airplane hangar destroyed and 6 planes damaged at Clinton. |
| 7. April 30 | 5:30 a. m. | Kiowa | NE | ½ | 15 | 0 | 0 | 1,000 | |
| 8. May 2 | 2:30 p. m. to late afternoon. | Noble, Pawnee, Nowata, Osage, Washington. | NE | 100 | 66–1,400 | 3 | 32 | 30,000 | Storm traveled zigzag path at about 35 miles per hour. Farm buildings destroyed; all homes in 12 square blocks in Pawhuska destroyed. Main storm accompanied by secondary twisters. |
| 9. May 2 | 3:15 p. m. | Payne, Creek, and Tulsa | NE | 55 | 100–150 | 7 | (1) | 65,000 | Buildings and power lines destroyed. Storm accompanied by secondary twisters. |
| 10. May 2 | 3:30 p. m. | Pottawatomie, Lincoln, Okfuskee, and Creek. | ENE | 60 | 900 | 16 | (1) | [c] 75,000<br>41,000 | Many homes and other buildings were demolished, and considerable additional property was badly damaged. Several towns, including Paden, Boley, Childsville and Welty felt the disastrous effect of this tornado; greatest destruction and loss of life occurred in the Negro district just north of Childsville; several farm animals as well as many fowl were killed. |
| 11. May 17 | 3:45 p. m. | Carter | E | 25 | (1) | 0 | 1 | 50,000 | Buildings and oil derricks wrecked. Airplanes at Ardmore damaged. Storm passed through Clemscot, Woodford, Ardmore Airport, and Springer. |
| 12. May 31 | 3:18 p. m. | Texas | SW | 1½ | 1,320 | 0 | 0 | 65,000 | Tornado was accompanied by heavy hail larger than hen eggs. Several dwellings and 4 business houses were demolished; the power plant at Guymon destroyed and communication lines were severed. |
| 13. June 12 | 8:41 p. m. | Oklahoma | SE, SW, E, N and W. | 2¼ | 500 | 35 | 29 | 200,000 | One of the worst tornadoes in Oklahoma history, from the standpoint of the number of fatalities, occurred in the southwestern suburbs of Oklahoma City. 73 houses demolished, 31 others damaged; numerous out-buildings destroyed or damaged, and numerous automobiles destroyed. |
| 14. October 30 | 9 p. m. | Lincoln | (1) | 5½ | 8 | 0 | 0 | 400 | Few dwellings and barns damaged slightly in rural section. |
| 15. December 26 | 11 a. m. | Okfuskee | NE | 2 | 100 | 0 | 1 | 1,000 | Funnel-shaped cloud visible and well defined. |
| OREGON | | | | | | | | | |
| (None reported) | | | | | | | | | |
| PENNSYLVANIA | | | | | | | | | |
| (None reported) | | | | | | | | | |
| RHODE ISLAND | | | | | | | | | |
| (None reported) | | | | | | | | | |
| SOUTH CAROLINA | | | | | | | | | |
| 1. February 6 | 3 p. m. | Aiken | NE | (3) | (3) | 0 | 0 | 200 | Damage to some outhouses northwest of Aiken. |
| 2. February 6 | 3:30 p. m. | Edgefield | NE | 3 | 200 | 0 | 4 | 15,000 | Many outhouses demolished, roofs damaged, trees blown down ½ mile east of Edgefield. |

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1942, arranged by States*—Continued

| State, number and date | Time | County | Direction of advance | Length of path | Width of path | Killed | Injured | Property losses | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| SOUTH CAROLINA—con. | | | | *Miles* | *Yards* | *Number* | *Number* | *Dollars* | |
| 3. March 17 | 6:30 p. m. | Orangeburg | NE | 10 | [6] ½ | 0 | 7 | 25,000 | Some homes and outbuildings demolished near Norway. |
| 4. May 15 | Late afternoon | Kershaw | (1) | (2) | (3) | 0 | 0 | 2,000 | A church was demolished and several nearby structures were damaged. |
| 5. December 1 | 7:06 p. m. | Newberry | NE | ½ | 250 | 0 | 4 | 25,000 | Buildings, roofs, poles, wires, were wrecked and power-line towers badly twisted 1 mile north of Newberry. |
| 6. December 1 | Early evening | Newberry | NE | (2) | (3) | 0 | 0 | 1,000 | Some property damage at Longshore, 10 miles northwest of Newberry. |
| 7. December 1 | Early evening | Kershaw | (1) | (2) | (3) | 1 | 2 | 5,000 | 5 dwelling houses were demolished, others damaged, in Clyburn section. |
| SOUTH DAKOTA | | | | | | | | | |
| 1. April 29 | 7 p. m. | Marshall | (1) | (1) | (3) | 1 | 4 | (1) | Almost all buildings on 1 farm demolished; on 2 others damaged. Small tornado. |
| 2. April 30 | 7:45 p. m. | Hamlin | (1) | (1) | (3) | 1 | 0 | (1) | Small tornado. Several buildings on edge of Castlewood wrecked. |
| 3. May 27 | 6:15 p. m. | Hamlin | NE | 200 | 100 | 0 | 0 | (1) | Tornado funnel dipped down several times, destroying a feed barn, stock pavilion, farm elevator and uprooting 27 trees. |
| 4. June 2 | 6:30 p. m. | Meade | SE | 20 | [6] 4 | 0 | 0 | [c] 500<br>5,000 | A small tornado caused some property damage in vicinity of Faith. |
| TENNESSEE | | | | | | | | | |
| 1. January 1 | 1 p. m. | Montgomery, Robertson | E | 10 | 100 | 1 | 1 | 25,000 | Farm buildings and trees destroyed. |
| *2. February 6 | 4 a. m. | Giles | NE | 6 | 440 | 0 | 1 | 50,000 | Damage to houses, buildings, and trees near Ardmore. |
| 3. February 6 | 7:05 a. m. | Bradley | NE | 1½ | 100 | 0 | 2 | 25,000 | Damage to houses, buildings, and trees near Cleveland. |
| 4. March 11 | 5:45 p. m. | Henry and Montgomery | E | 55 | 20 | 0 | 2 | 10,000 | Several persons injured and a number of houses were damaged at Paris, Henry County; houses and trees wrecked at Southside, Montgomery County. |
| 5. March 11 | 6:20 p. m. | Robertson | E | 8 | 100 | 2 | 10 | 15,000 | Wrecked barns, trees, and small dwellings near Adams and Cedar Hill. |
| 6. March 16 | (4) | Hardeman | NE | (4) | (3) | 0 | 12 | 100,000 | Damaged buildings of the Western State Hospital. |
| 7. March 16 | 4:30-5:30 p. m. | Carroll, Henry, Stewart | NE | 55 | 880 | 5 | 28 | 100,000 | It is possible that No. 7 was continuation of No. 6. |
| March 16 | 4:30-6 p. m. | Chester, Henderson, Decatur, Humphreys. | NE | 100 | 880 | 17 | 200 | 500,000 | Property damage. |
| 9. March 16 | 7 p. m. | | | | | | | | |
| 9. March 16 | 7 p. m. | Cheatham, Robertson | NE | 9 | 880 | 1 | 20 | 100,000 | Property damage. |
| 10. March 16 | 8-8:30 p. m. | Giles | NE | 20 | 150 | 2 | 4 | 150,000 | Property damage. |
| TEXAS | | | | | | | | | |
| 1. April 6 | 2 p. m. | Wise | NW | (1) | (1) | 0 | 0 | (4) | Several buildings demolished. |
| 2. April 28 | 9:30 p. m. | Foard | SE | 3 | 1,760 | 11 | 259 | 1,500,000 | Damage to property in an area 1 x 3 miles, principally within the city of Crowell. |
| 3. May 12 | 4 a. m. | San Jacinto | SE | (1) | 1,760 | 0 | 0 | 25,000 | Struck Shepherd, destroyed some buildings and damaged roofs and windows. Accompanied by heavy hail. Some livestock killed. |
| 4. May 29 | 6 p. m. | Briscoe | SW | 3 | 1,760 | 0 | 0 | 10,000 | Occurred over an area about 1 x 3 miles near Silverton, demolishing buildings on 1 farm, damaging buildings on other farms, and killing livestock. |
| 5. May 29 | 9 p. m. | Briscoe | NW | 6 | 1,760 | 0 | 0 | (4) | Destroyed 1 house, wrecked barns. |
| 6. August 22 | 1 a. m. | Shelby | N | 2 | 300 | 0 | 16 | [c] 5,000<br>50,500 | |
| 7. December 5 | 10:40 a. m. | Jefferson | NE | 10 | 150 | 0 | 0 | 25,000 | Damage is total for storms 7 and 8, which occurred in same area, near Port Arthur. 1 home was demolished and several others damaged considerably. Occurred at Cookville. 3 houses were completely destroyed and a number of other houses and were structures unroofed. |
| 8. December 5 | 11:30 a. m. | Jefferson | SW | 10 | 150 | 0 | 0 | | |
| 9. December 26 | 4:45 p. m. | Titus | NE | 10 | 100 | 0 | (1) | (4) | |
| 10. December 26 | 8 p. m. | Nacogdoches | NE | (1) | 1,320 | 0 | 0 | 4,000 | Storms 10 and 11 were no doubt the same tornado. |
| 11. December 26 | 8:17 p. m. | Nacogdoches | NE | 10 | 100 | 5 | (1) | 100,000 | Much property destroyed. |
| UTAH | | | | | | | | | |
| (None reported) | | | | | | | | | |
| VERMONT | | | | | | | | | |
| (None reported) | | | | | | | | | |
| VIRGINIA | | | | | | | | | |
| 1. September 27 | 3:30 p. m. | Fluvanna | NE | (1) | 500 | 0 | 0 | 3,500<br>[c] 1,500 | Slight damage to buildings, livestock, and crops. Section thinly populated. |
| WASHINGTON | | | | | | | | | |
| (None reported) | | | | | | | | | |
| WEST INDIES | | | | | | | | | |
| (None reported) | | | | | | | | | |
| WEST VIRGINIA | | | | | | | | | |
| (None reported) | | | | | | | | | |

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1942, arranged by States*—Continued

| State, number and date | Time | County | Direction of advance | Length of path | Width of path | Killed | Injured | Property losses | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| WISCONSIN | | | | | | | | | |
| | | | | *Miles* | *Yards* | *Number* | *Number* | *Dollars* | |
| 1. April 4 | 5 p. m. | Chippewa | E | 18 | 70 | 0 | 0 | 60,000 | Damage to farm buildings and livestock. |
| 2. May 13 | 3 p. m. | Polk | NE | 12 | 30 | 0 | 2 | 50,000 | 2 homes and 12 barns were demolished, livestock injured, and trees uprooted. |
| 3. May 13 | 3 p. m. | Jackson and Clark | NE | 35 | 100 | 1 | 1 | 100,000 | Many homes and business places damaged at Black River Falls; number of barns demolished in the storm's path to Loyal in Clark County. |
| 4. May 13 | 3:45 p. m. | Langlade | NE | 10 | (1) | 0 | 0 | 15,000 | 2 closely associated tornadoes near Antigo damaged 2 farm homes and demolished a number of barns and smaller buildings. |
| 5. June 11 | Afternoon | Douglas | (1) | (1) | (1) | 0 | 0 | 500 | Barn damaged. |
| 6. July 28 | 4 p. m. | Winnebago | E | 1½ | (1) | 0 | 1 | 10,000 | Trees uprooted and buildings damaged. |
| 7. July 28 | 4 p. m. | Waushara | NE | (1) | 30 | 0 | 0 | [c] 200<br>3,000 | |
| 8. September 16 | 6 p. m. | Chippewa | NE | 1½ | 50 | 0 | 0 | (5) | Minor damage to trees and crops. |
| 9. September 17 | 11:30 p. m. | Chippewa | E | 1½ | 100 | 0 | 0 | 20,000 | Damaged several houses and barns. |
| WYOMING | | | | | | | | | |
| 1. June 25 | 7 p. m. | Platte | NW | 6 | (1) | 2 | 4 | (4) | Crop loss said to be about ½; property damage ran into many thousands of dollars. |

[a] Denotes a State-boundary-crossing disturbance.
[c] Damage to crops.
[1] Datum unobtained.
[2] Short.
[3] Narrow.
[4] No estimate of damage obtained.
[5] Amount of damage described as small, no definite monetary estimate.
[6] Miles instead of yards.

TABLE 6.—*Monthly and annual tornado frequency, by States, 1942*

| State or section | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alabama | 3 | 3 | 1 | | | | | | | | | 1 | 8 |
| Arizona | | | | | | | | | | | | | 0 |
| Arkansas | | 5 | | | | | | | | 2 | | | 7 |
| California | | | | | | | | | | | | | 0 |
| Colorado | | | | 1 | | 2 | | | | | | | 3 |
| Connecticut | | | | | | | | | 1 | | | | 1 |
| Delaware | | | | | | | | | | | | | 0 |
| District of Columbia | | | | | | | | | | | | | 0 |
| Florida | 1 | | | | | | | | | | | | 1 |
| Georgia | | 3 | | | | | | | | | | 2 | 5 |
| Idaho | | | | | | | | | | | | | 0 |
| Illinois | | | 3 | | 1 | 1 | 3 | | | | | | 8 |
| Indiana | | | 3 | | | 3 | | | | | | | 6 |
| Iowa | | | | | 1 | 13 | 3 | 1 | | | | | 18 |
| Kansas | | | | 4 | 8 | 4 | 1 | 3 | | | | | 21 |
| Kentucky | | | 1 | | | | | | | | 1 | | 1 |
| Louisiana | | | | | | 1 | | | | | | 1 | 2 |
| Maine | | | | | | | | | | | | | 0 |
| Maryland | | | | | | | | 2 | | | | | 2 |
| Massachusetts | | | | | | | 1 | | | | | | 1 |
| Michigan | | | | | | | | | | | | | 0 |
| Minnesota | | | | | | | | | | | | | 6 |
| Mississippi | | 1 | 3 | 1 | 3 | 2 | | | | | | | 5 |
| Missouri | | | 1 | 2 | 1 | | | | | 3 | | 1 | 9 |
| Montana | | | | | | | | 1 | | | | | 1 |
| Nebraska | | | | 2 | 4 | 2 | | | | | | | 7 |
| Nevada | | | | | | | | | | | | | 0 |
| New Hampshire | | | | | | | | | | | | | 0 |
| New Jersey | | | | | | | | | | | | | 0 |
| New Mexico | | | | | | | | | | | | | 0 |
| New York | | | | | | | | | | | | | 0 |
| North Carolina | | | | | | | | | | | | 1 | 1 |
| North Dakota | | | | | 1 | | | | | | | | 0 |
| Ohio | | | | | | | | | 1 | | | | 2 |
| Oklahoma | 1 | 1 | 1 | 4 | 5 | 1 | | | | 1 | | 1 | 15 |
| Oregon | | | | | | | | | | | | | 0 |
| Pennsylvania | | | | | | | | | | | | | 0 |
| Rhode Island | | | | | | | | | | | | | 0 |
| South Carolina | | 2 | 1 | | 1 | | | | | | | 3 | 7 |
| South Dakota | | | | 2 | 1 | 1 | | | | | | | 4 |
| Tennessee | 1 | 2 | 7 | | | | | | | | | | 10 |
| Texas | | | | 2 | 3 | | | 1 | | | | 5 | 11 |
| Utah | | | | | | | | | | | | | 0 |
| Vermont | | | | | | | | | | | | | 0 |
| Virginia | | | | | | | | | 1 | | | | 1 |
| Washington | | | | | | | | | | | | | 0 |
| West Virginia | | | | | | | | | | | | | 0 |
| Wisconsin | | | | 1 | 3 | 1 | 2 | | 2 | | | | 9 |
| Wyoming | | | | | | 1 | | | | | | | 1 |
| Total [1] | 6 | 17 | 21 | 19 | 32 | 33 | 10 | 8 | 5 | 6 | 1 | 15 | 173 |
| Total [2] | 6 | 16 | 21 | 19 | 31 | 33 | 9 | 8 | 5 | 6 | 1 | 15 | 170 |

[1] No tornadoes occurred in the Territories of Alaska, Hawaii, or the West Indies.
[2] Monthly and annual frequencies corrected for State-boundary-crossing tornadoes.

TABLE 7.—*Deaths and injuries incurred by tornadoes during 1942*

| State or section | Jan. | | Feb. | | Mar. | | Apr. | | May | | June | | July | | Aug. | | Sept. | | Oct. | | Nov. | | Dec. | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured |
| Alabama | 1 | 23 | 3 | 48 | 2 | 6 | | | | | | | | | | | | | | | | | 0 | 10 | 6 | 87 |
| Arizona | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Arkansas | | | 4 | 67 | | | | | | | | | | | | | | | 29 | 100 | | | | | 33 | 167 |
| California | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Colorado | | | | | | | 4 | 0 | | | | | | | | | | | | | | | | | 4 | 0 |
| District of Columbia | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Florida | 0 | 5 | | | | | | | | | | | | | | | | | | | | | | | 0 | 5 |
| Georgia | | | 13 | 77 | | | | | | | | | | | | | | | | | | | 0 | 2 | 13 | 79 |
| Idaho | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Illinois | | | | | 20 | 122 | | | 1 | 12 | 0 | 2 | 0 | 2 | | | | | | | | | | | 21 | 138 |
| Indiana | | | | | 2 | 39 | | | | | 4 | (1) | | | | | | | | | | | | | 6 | [1] 39 |
| Iowa | | | | | | | | | | | 1 | 13 | | | | | | | | | | | | | 1 | 13 |
| Kansas | | | | | | | 15 | 0 | 3 | 4 | 4 | 0 | | | | | | | | | | | | | 22 | 4 |
| Kentucky | | | | | 24 | 108 | | | | | | | | | | | | | | | | | | | 24 | 108 |
| Louisiana | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 | 2 | 4 |
| Maryland and Delaware | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Michigan | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Minnesota | | | | | | | 2 | 7 | 0 | 4 | | | | | | | | | | | | | | | 2 | 11 |
| Mississippi | | | 1 | 27 | 75 | 525 | | | | | | | | | | | | | | | | | 0 | 5 | 76 | 557 |
| Missouri | | | | | | | 1 | 0 | | | 0 | 2 | | | | | | | 2 | 8 | | | | | 3 | 10 |
| Montana | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Nebraska | | | | | | | | | 6 | 6 | 0 | 1 | | | | | | | | | | | | | 6 | 7 |
| Nevada | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| New England | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| New Jersey | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| New Mexico | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| New York | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| North Carolina | | | | | | | | | | | | | | | | | | | | | | | 1 | 30 | 1 | 30 |
| North Dakota | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Ohio | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Oklahoma | 0 | 1 | 1 | 5 | 0 | 1 | 52 | 181 | 26 | 33 | 35 | 29 | | | | | | | | | | | 0 | 1 | 114 | 251 |
| Oregon | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Pennsylvania | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| South Carolina | | | 0 | 4 | 0 | 7 | | | | | | | | | | | | | | | | | 1 | 6 | 1 | 17 |
| South Dakota | | | | | | | 2 | 4 | | | | | | | | | | | | | | | | | 2 | 4 |
| Tennessee | 1 | 1 | 0 | 3 | 27 | 276 | | | | | | | | | | | | | | | | | | | 28 | 280 |
| Texas | | | | | | | 11 | 250 | | | | | | | 0 | 16 | | | | | | | 5 | 0 | 16 | 266 |
| Utah | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Virginia | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Washington | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| West Virginia | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Wisconsin | | | | | | | | | 1 | 3 | | | 0 | 1 | | | | | | | | | | | 1 | 4 |
| Wyoming | | | | | | | | | | | 2 | 4 | | | | | | | | | | | | | 2 | 4 |
| Total | 2 | 30 | 22 | 231 | 150 | 1,084 | 87 | 442 | 37 | 62 | 46 | 51 | 0 | 3 | 0 | 16 | 0 | 0 | 31 | 108 | 0 | 0 | 9 | 58 | 384 | 2,085 |
| Sections outside continental U. S.: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alaska | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Hawaii | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| West Indies | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |

[1] Deaths or injuries reported as "several."

NOTE.—Entries are made only when deaths or injuries are reported.

Table 8 that follows shows the destruction of 1942 tornadoes expressed in dollars, by months, for the various States or sections. Oklahoma suffered the greatest annual loss with $2,579,700, the greatest portion of which occurred during April. The second greatest loss was $2,265,000 in the State of Arkansas; the third greatest loss occurred in Illinois, amounting to $1,831,500.

TABLE 8.—*Tornado destruction in dollars, by months, during 1942*

| State or section | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Crop | Property | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alabama | 47,000 | 32,000 | [1] 34,500 | | | | | | | | | 7,000 | (1) | 120,500 | [2] 120,500 |
| Arizona | | | | | | | | | | | | | | | 0 |
| Arkansas | | 1,750,000 | | | | | | | | 515,000 | | | | 2,265,000 | 2,265,000 |
| California | | | | | | | | | | | | | | | 0 |
| Colorado | | | | [3] 50,000 | | [3] 300 | | | | | | | (3) | [3] 50,300 | [3] 50,300 |
| District of Columbia | | | | | | | | | | | | | | | 0 |
| Delaware | | | | | | | | | | | | | | | 0 |
| Florida | (4) | | | | | | | | | | | | | (4) | (4) |
| Georgia | | 350,000 | | | | | | | | | | c1,000<br>p56,000 | 1,000 | 406,000 | 407,000 |
| Idaho | | | | | | | | | | | | | | | 0 |
| Illinois | | | 825,000 | | 285,000 | 50,000 | c330,000<br>p341,500 | | | | | | 330,000 | 1,501,500 | 1,831,500 |
| Indiana | | | 701,000 | | | 507,500 | | | | | | | | 1,208,500 | 1,208,500 |
| Iowa | | | | | 50,000 | 363,000 | 54,000 | 3,500 | | | | | | 470,500 | 470,500 |
| Kansas | | | | 104,000 | [1] 536,000 | 124,500 | 150 | (4) | | | 2,500 | | (1) | [5] 767,150 | [5] 767,150 |
| Kentucky | | | 312,000 | | | | | | | | | | | 312,000 | 312,000 |
| Louisiana | | | | | | 500 | | | | | | 7,500 | | 8,000 | 8,000 |
| Maryland | | | | | | | | 8,000 | | | | | | 8,000 | 8,000 |
| Michigan | | | | | | | | | | | | | | | 0 |
| Minnesota | | | | [3] 80,000 | [3] 170,700 | [3] 11,200 | | | | | | | (3) | 261,900 | [2] 261,900 |
| Mississippi | | 75,000 | [2] 1,375,000 | | | | | | | | | 100,000 | | [2] 1,550,000 | [2] 1,550,000 |
| Missouri | | | 1,500 | [2] 2,500 | 5,000 | (6) | | | | 22,000 | | | (6) | [2] 31,000 | [2] 31,000 |
| Montana | | | | | | | | (2) | | | | | | (6) | (6) |
| Nebraska | | | | 33,000 | 170,000 | 10,000 | | | | | | | | 213,000 | 213,000 |
| Nevada | | | | | | | | | | | | | | | 0 |
| New England | | | | | | | 3,000 | | (6) | | | | | [2] 3,000 | [2] 3,000 |
| New Jersey | | | | | | | | | | | | | | | 0 |
| New Mexico | | | | | | | | | | | | | | | 0 |
| New York | | | | | | | | | | | | | | | 0 |
| North Carolina | | | | | | | | | | | | 45,000 | | 45,000 | 45,000 |
| North Dakota | | | | | | | | | | | | | | | 0 |
| Ohio | | | | | (6) | | | | (6) | | | | (6) | (6) | (6) |
| Oklahoma | 2,000 | 10,000 | 30,300 | 2,010,000 | c75,000<br>p251,000 | 200,000 | | | | 400 | | 1,000 | 75,000 | 2,504,700 | 2,579,700 |
| Oregon | | | | | | | | | | | | | | | 0 |
| Pennsylvania | | | | | | | | | | | | | | | 0 |
| South Carolina | | 15,200 | 25,000 | | 2,000 | | | | | | | 31,000 | | 73,200 | 73,200 |
| South Dakota | | | | (6) | (6) | c500<br>p5,000 | | | | | | | [2] 500 | [2] 5,000 | [2] 5,500 |
| Tennessee | 25,000 | 75,000 | c10,000<br>p965,000 | | | | | | | | | | 10,000 | 1,065,000 | 1,075,000 |
| Texas | | | | [2] 1,500,000 | [2] 35,000 | | | c5,000<br>p50,500 | | | | 129,000 | 5,000 | [2] 1,714,500 | [2] 1,719,500 |
| Utah | | | | | | | | | | | | | | | 0 |
| Virginia | | | | | | | | | c1,500<br>p3,500 | | | | 1,500 | 3,500 | 5,000 |
| Washington | | | | | | | | | | | | | | | 0 |
| West Virginia | | | | | | | | | | | | | | | 0 |
| Wisconsin | | | | 60,000 | 165,000 | 500 | c200<br>p13,000 | | [3] 20,000 | | | | [5] 200 | 258,500 | [5] 258,700 |
| Wyoming | | | | | | (1) (7) | | | | | | | (1) | (7) | (7) |
| Total | [3] 74,000 | 2,307,200 | [2] c10,000<br>[2] p4,269,300 | [2] 3,839,500 | [2] c75,000<br>[2] p1,669,700 | [5] c500<br>[2] p1,272,500 | c330,200<br>p411,650 | c5,000<br>[2] p62,000 | [5] c1,500<br>[2] p23,500 | 537,400 | 2,500 | c1,000<br>p376,500 | 423,200 | [2] 14,845,750 | [2] 15,268,950 |

[1] Crop damage, no estimate.
[2] Additional losses incurred; no estimate obtained.
[3] Crop damage reported to be small.
[4] Damage small.
[5] Additional losses incurred; amount reported to be small.
[6] Damage incurred; no estimate obtained.
[7] Total losses reported to be several thousands of dollars.
c Crop.
p Property.

## SUMMARY FOR PAST YEARS

Table 9 gives the total number of tornadoes, deaths resulting from such storms, and the estimated property losses for the years 1916–42.

TABLE 9.—*Deaths and property losses caused by tornadoes, 1916–42*

| Year | Reported | Aggregate loss of life | Aggregate reported property losses | Year | Reported | Aggregate loss of life | Aggregate reported property losses |
|---|---|---|---|---|---|---|---|
| 1916 | 86 | 140 | $2,511,500 | 1931 | 94 | 36 | $3,215,400 |
| 1917 | 121 | 508 | 15,007,700 | 1932 | 152 | 394 | 8,988,525 |
| 1918 | 81 | 134 | 7,631,200 | 1933 | 260 | 362 | 16,190,640 |
| 1919 | 65 | 205 | 6,861,500 | 1934 | 147 | 47 | 4,424,930 |
| 1920 | 87 | 498 | 15,205,000 | 1935 | 182 | 70 | 4,732,930 |
| 1921 | 106 | 202 | 5,406,300 | 1936 | 159 | 552 | 26,228,550 |
| 1922 | 108 | 133 | 6,630,000 | 1937 | 148 | 29 | 3,155,875 |
| 1923 | 100 | 109 | 2,958,750 | 1938 | 220 | 183 | 8,796,257 |
| 1924 | 130 | 376 | 26,120,850 | 1939 | 154 | 87 | 5,891,930 |
| 1925 | 119 | 794 | 24,023,900 | 1940 | 128 | 65 | 6,015,310 |
| 1926 | 111 | 144 | 4,318,950 | 1941 | 117 | 53 | 4,492,650 |
| 1927 | 164 | 540 | 43,445,650 | 1942 | 170 | 384 | 15,268,950 |
| 1928 | 203 | 92 | 13,235,600 | | | | |
| 1929 | 197 | 274 | 10,049,400 | Total | 3,801 | 6,590 | 303,097,377 |
| 1930 | 192 | 179 | 12,289,100 | Average | 141 | 244 | 11,225,829 |

## HAIL, 1942

Information on the occurrence of destructive hailstorms was assembled by officials in charge of the various Weather Bureau section centers. Special efforts were made to determine the dollar amounts of losses caused by hailstorms during the average crop season, April to September, and to segregate crop losses from other types of property losses.

The aggregate of the estimated losses caused by hailstorms reported in the various States for 1942 is $17,921,063, of which $16,407,588, or 92 percent of the total, is crop loss, the balance being damage to other kinds of property. The estimates are too low because, aside from the fact that there is no generally recognized basis for hail loss estimation, the amount of damage was in some cases reported in such terms as "considerable," "small," or "several thousand dollars."

The difficulties inherent in the task of fairly determining the amounts of losses caused by hailstorms in any one State, complicated as the problem is by reason of the fact that strong winds and heavy rains usually accompany the hail, must be apparent to all. It may be assumed, however, that the laws of statistical regularity operate to make the estimated loss amounts given in the Yearbooks maintain a reasonably constant proportion to the actual losses.

Crop destruction by hail was reported in all months of 1942 except January, March, November, and December, and other property destruction was reported in all months except October and November. Delaware, the District of Columbia, Kentucky, Tennessee, and the New England States were free from hailstorms during the year.

States in which over $1,000,000 hail damage was suffered are Iowa, $4,297,133; Kansas, $3,168,630; Montana, $4,235,160; and Texas, $1,465,500. Together these amounts equal $13,166,423, or 73 percent of the total hailstorm damage reported for the country in 1942, mostly concentrated in the months of June and July. The year's hail damage to crops in the four States named was $12,728,413, or 97 percent of the total damage from hail in these States; and 78 percent of the hail damage to crops in the entire country.

Alaska, Hawaii, and the West Indies reported no hail during 1942.

TABLE 10.—*Losses from hailstorms during 1942*

[Dollars]

| State or section | January | | February | | March | | April | | May | | June | | July | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage |
| Alabama | 2,500 | | | | | | | | | | | | | |
| Arizona | | | | | | | | (6) | | | | | | |
| Arkansas | | | (8) | 1,000 | | | | | (3) | 75,000 | | | | |
| California | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (3) | (1) | (1) | | |
| Colorado | | | | | | | | | 100,100 | [2] 530,000 | [2] 55,000 | 500 | | |
| Delaware | | | | | | | | | | | | | | |
| District of Columbia | | | | | | | | | | | | | | |
| Florida | | (10) | | | | | | (4) | | 5,000 | | | | |
| Georgia | | | 5,000 | | | | | | | | | | | |
| Idaho | | | | | | | | | (4) | (4) | | | (4) | (3) |
| Illinois | | | | | 5,000 | | | | 178,000 | | | 10,000 | 5,000 | 22,000 |
| Indiana | | | | | 1,000 | | | | 500 | 500 | 200 | | 500 | 500 |
| Iowa | | | | | | | | 41,841 | 10,000 | 167,366 | 75,000 | 2,175,749 | 28,000 | 1,255,240 |
| Kansas | | | | | | | 10,000 | | 2,350 | 506,190 | 51,000 | 2,574,090 | 0 | 20,000 |
| Kentucky | | | | | | | | | | | | | | |
| Louisiana | | | | | | | | | | 25,000 | | | | |
| Maryland | | | | | | | | | | 5,000 | | | (4) | 10,000 |
| Michigan | | | | | | | | | (4) | 6,000 | (4) | 10,000 | (4) | 28,000 |
| Minnesota | | | | | | | 10,000 | (4) | 77,400 | 33,500 | 23,000 | 96,000 | [9] 6,000 | 95,000 |
| Mississippi | | | | | | | | | | (3) | | | | |
| Missouri | | | | | (4) | | (3) | (4) | 6,500 | 1,000 | 5,000 | 50,000 | | |
| Montana | | | | | | | | | 60 | (3) | 100 | 486,000 | (2) | 3,557,000 |
| Nebraska | | | | | | | | | 10,000 | 110,500 | 6,000 | 100,000 | 1,000 | 56,500 |
| Nevada | | | (1) | | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| New England | | | | | | | | | | | | | | |
| New Jersey | | | | | | | | | | | | | | 2,000 |
| New Mexico | | | | | | | (3) | (1) | | | 18,600 | 43,430 | (2) | 62,000 |
| New York | | | | | | | | | (1) | (1) | (4) | 32,000 | | |
| North Carolina | | | | | | | | 240 | 5,865 | 263,000 | 1,225 | 209,000 | 44,175 | 139,655 |
| North Dakota | | | | | | | | | | | | 20,000 | | 400,000 |
| Ohio | | | | | | | | | (3) | | | (4) | | |
| Oklahoma | | | | | 203,000 | | 191,500 | [5] 38,250 | [8] 20,000 | [8] 45,000 | 2,000 | (4) | | 5,000 |
| Oregon | | | | | | | | | (3) | (4) | | | | |
| Pennsylvania | | | | | | | | | (3) | 35,000 | (1) | (1) | (3) | 200,000 |
| South Carolina | | | | | 1,000 | | | | | 1,000 | | | | 5,000 |
| South Dakota | | | | | | | | | 6,000 | 5,000 | 9,000 | 13,000 | (3) | 30,000 |
| Tennessee | | | | | | | | | | | | | | |
| Texas | | | | | | | 133,000 | 358,000 | [2] 123,500 | [2] 66,000 | (6) | 750,000 | | 35,000 |
| Utah | | | | | | | | | | | (1) | (1) | (1) | (1) |
| Virginia | | | | | | | | | | | | 5,000 | | 25,000 |
| Washington | | | | | | | | | | 88,000 | | | | 10,000 |
| West Virginia | | | | | | | | | | | | | (4) | (4) |
| Wisconsin | | | | | | | | | (4) | | 30,000 | [2] 5,000 | | |
| Wyoming | | | | | | | | | (1) | (4) | (1) | (1) | (1) | (1) |
| Total | 2,500 | (1) | 5,000 | 1,000 | [8] 210,000 | (1) | [9] 344,500 | [5] 438,331 | [9] 540,275 | [9] 1,968,056 | [8] 276,125 | [8] 6,579,769 | [9] 84,675 | [9] 5,957,895 |

See footnotes at end of table.

TABLE 10.—*Losses from hailstorms during 1942*—Continued

[Dollars]

| State or section | August | | September | | October | | November | | December | | Crop season* | | Year | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | |
| Alabama | | | | | | | | | | | | | 2,500 | | 2,500 |
| Arizona | | | | | | | | | | | | (6) | | (6) | (6) |
| Arkansas | | | | | | | | | | | (6) | $75,000 | (6) | $76,000 | [2] 76,000 |
| California | (1) | (1) | (1) | (1) | | | (1) | (1) | (1) | (1) | (1) | (3) | (1) | (1) | (3) |
| Colorado | | | | | | | | | | | $155,100 | [2] 530,500 | 155,100 | [2] 530,500 | [2] 685,600 |
| Delaware | | | | | | | | | | | | | | | |
| District of Columbia | | | | | | | | | | | | | | | |
| Florida | | | | | | | | | | | | 5,000 | | [8] 5,000 | [8] 5,000 |
| Georgia | | | | | | | | | | | | | 5,000 | | 5,000 |
| Idaho | | | | | | | | | | | (4) | (3) | (4) | (3) | (3) |
| Illinois | | $50,000 | | | | | | | | | 183,000 | 82,000 | 188,000 | 82,000 | 270,000 |
| Indiana | | | | | | | | | | | 1,200 | 1,000 | 2,200 | 1,000 | 3,200 |
| Iowa | | 418,413 | | | | $125,524 | | | | | 113,000 | 4,058,609 | 113,000 | 4,184,133 | 4,297,133 |
| Kansas | (4) | (4) | $5,000 | | | | | | | | [5] 68,350 | [5] 3,100,280 | [5] 68,350 | [5] 3,100,280 | [5] 3,168,630 |
| Kentucky | | | | | | | | | | | | | | | |
| Louisiana | | | | | | | | | | | | 25,000 | | 25,000 | 25,000 |
| Maryland | | | | | | | | | | | (4) | 15,000 | (4) | 15,000 | 15,000 |
| Michigan | (4) | 6,000 | (4) | $500 | | | | | | | (4) | 50,500 | (4) | 50,500 | 50,500 |
| Minnesota | | 5,000 | 15,000 | 20,000 | | | | | | | [9] 131,400 | [9] 249,500 | [9] 131,400 | [9] 249,500 | [9] 380,900 |
| Mississippi | | | | | | | | | | | | (3) | | (3) | (3) |
| Missouri | | | | | | | | | | | [9] 11,500 | [9] 51,000 | [9] 11,500 | [9] 51,000 | [9] 62,500 |
| Montana | (4) | [2] 162,000 | | 30,000 | | | | | | | [9] 160 | [9] 4,235,000 | [9] 160 | [9] 4,235,000 | [5] 4,235,160 |
| Nebraska | $28,000 | 149,000 | | | | | | | | | 45,000 | 416,000 | 45,000 | 416,000 | 461,000 |
| Nevada | (1) | (1) | | | | | (1) | | (1) | | (1) | (1) | (1) | (1) | (1) |
| New England | | | | | | | | | | | | | | | |
| New Jersey | | | | | | | | | | | | 2,000 | | 2,000 | 2,000 |
| New Mexico | 1,300 | (4) | | (3) | | | | | | | [9] 19,900 | [9] 105,430 | [9] 19,900 | [9] 105,430 | [9] 125,330 |
| New York | | | | | | | | | | | (4) | 32,000 | (4) | 32,000 | [8] 32,000 |
| North Carolina | | 2,100 | | | | | | | | | 51,265 | 613,995 | 51,265 | 613,995 | 665,260 |
| North Dakota | | 450,000 | | 30,000 | | | | | | | | 900,000 | | 900,000 | 900,000 |
| Ohio | | | | | | | | | | | (3) | (4) | (3) | (4) | (3) |
| Oklahoma | 100 | 5,500 | | | | 7,500 | | | | | [2] 213,600 | [2] 93,750 | [2] 416,600 | [2] 101,250 | [5] 517,850 |
| Oregon | | | | | | | | | | | (3) | (5) | (3) | (5) | (5) |
| Pennsylvania | (1) | (1) | | | (1) | | | | | | (3) | [2] 235,000 | (3) | [2] 235,000 | [2] 235,000 |
| South Carolina | | 1,000 | | | | | | | | | | 7,000 | 1,000 | 7,000 | 8,000 |
| South Dakota | (2) | (3) | | | | | | | | | [9] 15,000 | [9] 48,000 | [9] 15,000 | [9] 48,000 | [9] 63,000 |
| Tennessee | | | | | | | | | | | | | | | |
| Texas | | | | | | | | | (3) | | [2] 256,500 | [2] 1,209,000 | [2] 256,500 | [2] 1,209,000 | [2] 1,465,500 |
| Utah | (1) | (1) | | | | | | | | | (1) | (1) | (1) | (1) | (1) |
| Virginia | | | | | | | | | | | | 30,000 | | 30,000 | 30,000 |
| Washington | | | | | | | | | | | | [11] 98,000 | | [11] 98,000 | [11] 98,000 |
| West Virginia | | | | | | | | | | | (4) | (4) | (4) | (4) | (4) |
| Wisconsin | | | 1,000 | | | | | | | | [8] 31,000 | [2] 5,000 | [8] 31,000 | [2] 5,000 | [2] 36,000 |
| Wyoming | | | | | | | | | | | (1) | (4) | (1) | (4) | (4) |
| Total | [9] 29,400 | [9] 1,249,013 | [8] 21,000 | [9] 80,500 | (1) | [9] 133,024 | (1) | 0 | (3) | 0 | [9] 1,295,975 | [9] 16,273,564 | [9] 1,513,475 | [9] 16,407,588 | [9] 17,921,063 |

*Apr. 1 to Sept. 1, inclusive
[1] Moderate to heavy hail at various places, no damage reported.
[2] Additional losses occurred, no accurate estimate obtained.
[3] Considerable losses occurred, no accurate estimate of damage available.
[4] Lossess incurred reported to be slight.
[5] Damage estimated to be several thousand dollars.
[6] Losses occurred; no estimate.
[7] Estimated from reports of insurance companies.
[8] Additional losses reported to be small.
[9] Additional damage reported to be considerable.
[10] Considerable damage from attendant heavy rains.
[11] Considerable damage from resultant floods.

## WINDSTORMS, 1942

The year 1942 is the twenty-seventh consecutive year for which Weather Bureau Section Directors assembled statistics of windstorms, other than tornadoes, throughout the country. Property damage reported was divided into two classes—crops and other kinds of property. The data are shown in table 11. The number of persons killed or injured by windstorms was also reported and the data are shown in table 12.

Total damage to crops and other property caused by non-tornadic winds in 1942 was estimated at $32,691,640, or 52 percent higher than the average for the 25 years, 1916 to 1941, excluding 1938 (1938 was omitted from this computation because inclusion of the tremendous sum of losses occasioned by the hurricane in the Northeast, in September of that year, would throw the arithmetic averages far out of line).

Of the total estimated windstorm losses, $16,277,275, or nearly one-half, are classified as crop losses.

Windstorms were responsible for the loss of 69 lives during 1942, or about 34 percent of the average for the 25-year period.

Three adjoining western States were free from windstorms during the year; namely, Nevada, Utah, and Wyoming. In Oregon, Washington, and Idaho, and in the New England States, Delaware, Florida, Mississippi, and Tennessee, the losses were either small or unestimated. West Virginia losses were reported to be several thousand dollars.

Texas was the greatest sufferer, with crop and other property losses of $27,222,650 and a death list of 10. Minnesota had crop and other property losses amounting to $2,627,140, with a death list of 5; Kansas and Michigan had losses amounting to $714,500 and $508,000, respectively. Estimated losses in most of the other States ranged from a few to several thousand dollars and 6 States reported losses ranging from $121,500 to $261,350.

TABLE 11.—*Losses from windstorms, other than tornadoes, during 1942*

[Dollars]

| State or section | January | | February | | March | | April | | May | | June | | July | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage |
| Alabama | | | 6,000 | | | | | | | | | | | |
| Arizona | | | | | | | | | | | | | | |
| Arkansas | | | | | | | | | | | | | | |
| California | | | | | | | | | | | | | (1) | |
| Colorado | | | | | | | 11,000 | | 100 | | | | | |
| Delaware | | | | | | | | | (1) | | | | | |
| District of Columbia | | | | | | | | | | | | | | |
| Florida | | | | | | | | (2) | | | | | | |
| Georgia | | | 2,500 | | 2,500 | | | | | | | (3) | | |
| Idaho | | | | | | | | | (3) | (3) | | | | |
| Illinois | | | | | 300 | | 12,500 | | 2,000 | | | | 200 | 500 |
| Indiana | | | | | | | | | 3,000 | | 1,800 | | 5,000 | |
| Iowa | | | | | | | 35,000 | | 4,600 | | 80,150 | 52,000 | 11,500 | 31,000 |
| Kansas | | | | | | | | | 27,250 | 2,250 | 472,000 | 142,000 | | |
| Kentucky | | | | | | | | | | | | | | |
| Louisiana | 6,500 | | 3,800 | | | | 1,000 | | | | 15,000 | 15,000 | | |
| Maryland | | | | | | | | | | | 4,000 | | (1) | |
| Michigan | | | | | | | | | 500,000 | (*) | | | 3,000 | (1) |
| Minnesota | | | | | | | 111,000 | (1) | 53,100 | | 22,000 | | 109,200 | 11,000 |
| Mississippi | | | | | | | | | (1) | (1) | (1) | (1) | | |
| Missouri | | | (8) | | (3) | | (3) | | [4] 10,000 | | (3) | (8) | (3) | (2) |
| Montana | | | | | | | | | | | (3) | | [4] 150 | [4] 10,000 |
| Nebraska | | | | | | | [4] 6,000 | | 2,000 | | 15,000 | 6,000 | 95,000 | |
| Nevada | | | | | | | | | | | | | | |
| New England | (3) | | (3) | | | | | | | | | | (3) | (3) |
| New Jersey | | | | | | | | | | | | | [7] 50,000 | [7] 5,000 |
| New Mexico | | | | | | | [4] 7,000 | 3,600 | | | | | | (1) |
| New York | | | | | 50,000 | | | | | | (6) | (3) | | |
| North Carolina | | | | | | | | | | | 1,000 | (1) | [9] 36,000 | |
| North Dakota | | | | | | | (10) | | (10) | | | | 14,000 | 15,000 |
| Ohio | (1) | | | | (1) | | | | 1,000 | | (1) | | (1) | |
| Oklahoma | | | | | | | 3,500 | | 5,000 | 10,000 | 9,700 | (1) | | |
| Oregon | | | | | | | (1) | (1) | | | | | | |
| Pennsylvania | | | (10) | | (1) | | | | [4] 65,000 | (6) | (1) | (1) | [10] 150,000 | (6) |
| South Carolina | | | 10,000 | | 2,500 | | | | | | 7,000 | | 46,350 | |
| South Dakota | | | | | 100,000 | | (1) | (1) | 1,500 | (1) | (3) | (3) | (3) | (2) |
| Tennessee | | | | | | | | | | | (1) | (1) | | |
| Texas | | | | | | | 25,000 | [4] 5,000 | [11] 100 | (11) | 1,200 | (3) | | |
| Utah | | | | | | | | | | | | | | |
| Virginia | | | | | 6,000 | | | | 1,000 | | 500 | | 500 | |
| Washington | | | | | | | | | | | | | | |
| West Virginia | | | | | | | | | | | | | (5) | (3) |
| Wisconsin | (10) | | | | | | | | 2,400 | | 2,000 | | | |
| Wyoming | | | | | | | | | | | | | | |
| Sections outside continental U. S.: | | | | | | | | | | | | | | |
| Alaska | | | | | | | | | | | | | | |
| Hawaii | | | | | | | | | | | | | | |
| West Indies | | | | | | | | | | | | | | |
| Total | [4] 6,500 | 0 | [4] 22,300 | 0 | [4] 161,300 | 0 | [4] 212,000 | [4] 8,600 | [4] 678,000 | [4] 12,250 | [4] 631,350 | [4] 215,000 | [4] 520,900 | [4] 72,500 |

| State or section | August | | September | | October | | November | | December | | Crop season* | | Year | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | |
| Alabama | | | | | | | | | 5,000 | | | | 11,000 | | 11,000 |
| Arizona | 20,000 | | | | | | | | | | 20,000 | | 20,000 | | 20,000 |
| Arkansas | | | | | [4] 5,000 | (1) | | | 10,000 | | | | [4] 15,000 | (1) | [4] 15,000 |
| California | 2,000 | | | | | | | | | | 2,000 | | 2,000 | | 2,000 |
| Colorado | | | | | | | | | | | 11,100 | | 11,100 | | 11,100 |
| Delaware | | | | | | | | | (1) | | (1) | | (1) | | (1) |
| District of Columbia | | | | | | | | | | | | | | | |
| Florida | | | | | | | | | | | | (5) (3) | | (5) (3) | (5) (3) |
| Georgia | | | | | | | | | [4] 5,000 | | | | [4] 10,000 | | [4] 10,000 |
| Idaho | | | | | | | | | | | (3) | (3) | (3) | (3) | (3) |
| Illinois | 1,000 | | | | | | 300 | | | | 15,700 | 500 | 16,300 | 500 | 16,800 |
| Indiana | 500 | | 2,000 | | | | | | | | 12,300 | | 12,300 | | 12,300 |
| Iowa | 14,500 | 1,500 | 4,800 | | | | | | 5,500 | | 150,550 | 84,500 | 156,050 | 84,500 | 240,550 |
| Kansas | 16,000 | | 55,000 | | | | | | | | 570,250 | 144,250 | 570,250 | 144,250 | 714,500 |
| Kentucky | 100,000 | 100,000 | | | | | | | | | 100,000 | 100,000 | 100,000 | 100,000 | 200,000 |
| Louisiana | 3,000 | 7,000 | | | | | | | | | 19,000 | 22,000 | 29,300 | 22,000 | 51,300 |
| Maryland | | | | | | | | | (1) | | [2] 4,000 | | [2] 4,000 | | [2] 4,000 |
| Michigan | | | 5,000 | (*) | | | | | | | [4] 508,000 | (*) (2) | [4] 508,000 | (*) (2) | [4] 508,000 |
| Minnesota | | | 1,969,715 | 351,125 | | | | | | | 2,265,015 | [2] 362,125 | 2,265,015 | [2] 362,125 | [2] 2,627,140 |
| Mississippi | | | | | | | | | | | (1) | (1) | (1) | (1) | (1) |
| Missouri | (3) | | | | (3) | | (10) | | | | [4] 10,000 | (8) | [4] 10,000 | (8) | [4] 10,000 |
| Montana | [4] 1,900 | [4] 3,000 | | | | | (3) | | | | [4] 2,050 | [4] 13,000 | [4] 2,050 | [4] 13,000 | [4] 15,050 |
| Nebraska | 6,000 | 4,000 | | | | | | | | | [4] 124,000 | 10,000 | [4] 124,000 | 10,000 | [4] 134,000 |
| Nevada | | | | | | | | | | | | | | | |
| New England | | | (6) | (3) | | | | | (3) | | (6) | (3) | (6) (3) | (3) | (6) |
| New Jersey | | | | | | | | | | | [7] 50,000 | [7] 5,000 | [7] 50,000 | [7] 5,000 | [7] 55,000 |
| New Mexico | | | | | | | | | | | [4] 7,000 | 3,600 | [4] 7,000 | 3,600 | [4] 10,600 |
| New York | | | | (6) | | | | | 5,500 | | (6) | (6) | [4] 55,500 | (6) | [4] 55,500 |
| North Carolina | (1) | (1) | 1,000 | (1) | | | | | 3,500 | | [9] 38,000 | | [9] 41,500 | | 41,500 |
| North Dakota | 6,000 | 15,000 | | | | | | | | | [10] 20,000 | 30,000 | [10] 20,000 | 30,000 | [10] 50,000 |
| Ohio | (1) | | | | | | | | | | [2] 1,000 | | [2] 1,000 | | [2] 1,000 |
| Oklahoma | 400 | 300 | | | | | | | | | 18,600 | 10,300 | 18,600 | 10,300 | 28,900 |
| Oregon | | | | | | | | | | | (1) | (1) | (1) | (1) | (1) |
| Pennsylvania | (1) | (1) | (1) | (1) | (10) | | (1) | | (10) | | [4 10] 215,000 | (6) | [4] 215,000 | (6) | [4 10] 215,000 |
| South Carolina | 10,000 | | | | | | | | 185,500 | | 63,350 | | 261,350 | | 261,350 |
| South Dakota | 20,000 | (8) | | | | | | | | | [4] 21,500 | (8) | [4] 121,500 | (8) | [4] 121,500 |
| Tennessee | | | | | | | | | | | (1) | (1) | (1) | (1) | (1) |
| Texas | 11,701,000 | 15,400,000 | | | 3,000 | 87,000 | | | [4] 350 | | [11] 11,727,300 | [11] 15,405,000 | [11] 11,730,650 | [11] 15,492,000 | [4 11] 27,222,650 |

See footnotes at end of table.

TABLE 11.—*Losses from windstorms, other than tornadoes, during 1942*—Continued

[Dollars]

| State or section | August | | September | | October | | November | | December | | Crop season* | | Year | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | Property damage | Crop damage | |
| Utah | | | | | | | | | | | | | | | |
| Virginia | | | 500 | | | | | | | | 2,500 | | 8,500 | | 8,500 |
| Washington | | | | | | | (1) | | | | (1) | | (1) | | (1) |
| West Virginia | | | | | | (6) | | | | | (3) | (3) | (3) | (3) | (3) |
| Wisconsin | [4] 1,000 | | 12,000 | | | | | | | | [4] 17,400 | | [10] [4] 17,400 | | [10] [4] 17,400 |
| Wyoming | | | | | | | | | | | | | | | |
| Sections outside continental U. S.: | | | | | | | | | | | | | | | |
| Alaska | | | | | | | | | | | | | | | |
| Hawaii | | | | | | | | | | | | | | | |
| West Indies | | | | | | | | | | | | | | | |
| Total | [4] 11,903,300 | [4] 15,530,800 | [4] 2,050,015 | [4] 351,125 | [4] 8,000 | [4] 87,000 | [4] 300 | 0 | [4] 226,350 | 0 | [4] 15,995,615 | [4] 16,190,275 | [4] 16,414,365 | [4] 16,277,275 | [4] 32,691,640 |

*April to September, inclusive.
[a] Damage to orchards included under property damage.
[1] Damage reported to be small.
[2] Additional losses reported to be small.
[3] Losses incurred; amount not reported.
[4] Additional losses incurred; amount not reported.
[5] Considerable damage from attendant heavy rains.
[6] Amount of damage reported to be considerable.
[7] Estimated from reports of insurance companies. Monthly apportionment not available.
[8] Amount of damage reported to be several thousand dollars.
[9] Includes crop damage.
[10] Includes loss due to hail.
[11] Some damage included in hailstorm losses.

TABLE 12.—*Deaths and injuries caused by 1942 windstorms, other than tornadoes*

| State or section | Jan. | | Feb. | | Mar. | | Apr. | | May | | June | | July | | Aug. | | Sept. | | Oct. | | Nov. | | Dec. | | Annual | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured |
| Alabama | | | | | | | | | | | | | | | | | | | | | | | | 2 | 0 | 2 |
| Arizona | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Arkansas | | | | | | | | | | | | | | | | | | | | 12 | | | | | 0 | 12 |
| California | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Colorado | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| District of Columbia | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Florida | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Georgia | | | | 1 | | | | | | | | | | | | | | | | | | | | 2 | 0 | 3 |
| Idaho | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Illinois | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Indiana | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | 3 | 3 |
| Iowa | | | | | | | | 2 | | | | 2 | | | | | | 1 | | | | | | | 0 | 5 |
| Kansas | | | | | | | | | | | 1 | | | | | | | 10 | | | | | | | 1 | 10 |
| Kentucky | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Louisiana | 1 | 4 | | | | | | 4 | | | 2 | | 1 | 2 | | | | | | | | | | | 4 | 10 |
| Maryland and Delaware | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Michigan | | | | | | | | | [1] 9 | (2) | | | 1 | 0 | | | | | | | | | | | 10 | (2) |
| Minnesota | | | | | | | | | | 1 | | | | | | | 5 | 37 | | | | | | | 5 | 38 |
| Mississippi | | | | | | | | | | | | | | | | | 1 | 3 | | | | | | | 1 | 3 |
| Missouri | | | | | | | 1 | | 1 | [2] 4 | | | | | | | | | | | | | | | 2 | [2] 4 |
| Montana | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Nebraska | | | | | | | | 18 | | | 1 | | | | | | | | | | | | | | 1 | 18 |
| Nevada | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| New England | | | | | | | | | | | | | | | | | | | | | | | 15 | | 15 | 0 |
| New Jersey | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| New Mexico | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| New York | | | | | | | | | | | | | | | | | | | | | | | [1] 6 | | [1] 6 | 0 |
| North Carolina | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| North Dakota | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Ohio | | | | | | | | | [1] 7 | | | 1 | | | | | | | | | | | | | [1] 7 | 1 |
| Oklahoma | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Oregon | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Pennsylvania | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| South Carolina | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | 14 | 1 | 15 |
| South Dakota | | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | 2 | 0 |
| Tennessee | | | | | | | 1 | 2 | | | | | | | | | | | | | | | | | 0 | 0 |
| Texas | | | | | | | | | | | | | | | 8 | (3) | | | | | | | 1 | 0 | 10 | [4] 2 |
| Utah | | | | | | 4 | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Virginia | | | | | | | | | | | | | | | | | | 5 | | | | | | | 0 | 9 |
| Washington | | | | | | | | | | | | | | | | | | | | | | 2 | | | 0 | 2 |
| West Virginia | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Wisconsin | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Wyoming | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Sections outside continental U. S.: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alaska | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Hawaii | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| West Indies | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Total | 1 | 4 | 0 | 1 | 0 | 4 | 2 | 26 | 18 | 5 | 5 | 4 | 2 | 2 | 12 | 3 | 6 | 56 | 0 | 12 | 0 | 2 | 22 | 18 | 68 | 137 |

[1] Deaths due to drowning from boats capsized by high wind.
[2] Deaths or injuries reported as "several."
[3] Persons were injured; number not reported.
[4] Additional persons slightly injured.

NOTE.—Entries are made only when deaths or injuries are reported.

TABLE 12A.—*Deaths and property losses caused by windstorms, other than tornadoes, 1916–42*

| Year | Number of lives lost | Property and crop damage | Year | Number of lives lost | Property and crop damage | Year | Number of lives lost | Property and crop damage |
|---|---|---|---|---|---|---|---|---|
| 1916 | 65 | $11,712,125 | 1927 | 64 | $6,783,160 | 1937 | 43 | $6,292,938 |
| 1917 | 25 | 1,400,550 | 1928 | 1,947 | 88,836,000 | 1938 | 630 | 315,435,388 |
| 1918 | 79 | 7,602,200 | 1929 | 46 | 20,334,600 | 1939 | 60 | 3,988,141 |
| 1919 | 344 | 28,170,760 | 1930 | 49 | 5,706,000 | 1940 | 251 | 25,588,925 |
| 1920 | 42 | 4,735,400 | 1931 | 17 | 7,775,000 | 1941 | 43 | 15,523,320 |
| 1921 | 65 | 13,174,650 | 1932 | 306 | 42,657,360 | 1942 | 68 | 32,691,640 |
| 1922 | 133 | 5,055,800 | 1933 | 156 | 65,604,100 | | | |
| 1923 | 68 | 5,261,800 | 1934 | 109 | 19,497,173 | Total | 5,715 | 887,040,675 |
| 1924 | 78 | 13,545,750 | 1935 | 461 | 17,191,000 | | | |
| 1925 | 88 | 11,612,380 | 1936 | 121 | 17,256,265 | Average | 212 | 32,853,358 |
| 1926 | 357 | 93,610,250 | | | | | | |

## SUNSHINE, 1942

Table 13 gives for 171 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 these 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 under "cloudiness" in the tables of Climatology, pages 33 to 127.

TABLE 13.—*Monthly amounts and percentage of sunshine, 1942*

| Stations | January | | February | | March | | April | | May | | June | | 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 | 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. | 147 | 50 | 139 | 47 | 141 | 38 | 203 | 50 | 238 | 52 | 241 | 52 | 267 | 57 | 251 | 58 | 219 | 58 | 219 | 64 | 146 | 50 | 108 | 38 | 2,319 | 52 |
| Albuquerque, N. Mex. | 228 | 73 | 217 | 71 | 277 | 75 | 251 | 64 | 385 | 89 | 389 | 88 | 351 | 80 | 305 | 73 | 306 | 82 | 227 | 65 | 266 | 86 | 216 | 71 | 3,409 | 77 |
| Alpena, Mich. | 60 | 21 | 76 | 26 | 155 | 42 | 297 | 73 | 216 | 47 | 298 | 64 | 310 | 66 | 255 | 59 | 176 | 47 | 165 | 49 | 86 | 30 | 42 | 16 | 2,136 | 48 |
| Amarillo, Tex. | 168 | 54 | 198 | 65 | 264 | 71 | 235 | 60 | 361 | 83 | 250 | 57 | 332 | 75 | 268 | 64 | 250 | 67 | 194 | 55 | 213 | 69 | 141 | 46 | 2,874 | 65 |
| Anchorage, Alaska | 62 | 31 | 52 | 20 | 163 | 45 | 226 | 51 | 283 | 52 | 262 | 45 | 208 | 37 | 140 | 29 | 111 | 28 | 66 | 21 | 80 | 36 | 76 | 44 | 1,729 | 38 |
| Apalachicola, Fla. | 257 | 79 | 164 | 53 | 206 | 55 | 307 | 79 | 348 | 82 | 261 | 62 | 318 | 74 | 232 | 57 | 229 | 62 | 312 | 88 | 257 | 80 | 157 | 50 | 3,048 | 69 |
| Asheville, N. C. | 138 | 44 | 142 | 47 | 243 | 65 | 313 | 79 | 295 | 67 | 311 | 71 | 262 | 59 | 222 | 53 | 239 | 64 | 218 | 62 | 198 | 64 | 123 | 41 | 2,704 | 61 |
| Atlanta, Ga. | 204 | 65 | 146 | 47 | 217 | 58 | 306 | 78 | 284 | 66 | 280 | 64 | 284 | 65 | 252 | 61 | 230 | 62 | 230 | 65 | 218 | 70 | 126 | 41 | 2,777 | 62 |
| Atlantic City, N. J. | 162 | 53 | 192 | 64 | 206 | 56 | 271 | 68 | 296 | 67 | 228 | 51 | 263 | 58 | 220 | 52 | 239 | 64 | 218 | 63 | 196 | 65 | 120 | 41 | 2,611 | 59 |
| Augusta, Ga. | 236 | 74 | 167 | 54 | 255 | 69 | 353 | 90 | 311 | 72 | 316 | 74 | 338 | 77 | 319 | 77 | 271 | 73 | 290 | 82 | 263 | 84 | 152 | 49 | 3,271 | 74 |
| Austin, Tex. | 148 | 46 | 116 | 37 | 247 | 66 | 193 | 50 | 248 | 59 | 315 | 75 | 299 | 70 | 295 | 72 | 272 | 74 | 215 | 61 | 218 | 68 | 202 | 64 | 2,768 | 62 |
| Baker, Oreg. | 106 | 37 | 134 | 46 | 206 | 56 | 186 | 46 | 156 | 34 | 276 | 59 | 412 | 87 | 368 | 81 | 282 | 75 | 236 | 69 | 83 | 29 | 35 | 13 | 2,480 | 56 |
| Baltimore, Md. | 175 | 58 | 193 | 64 | 202 | 54 | 276 | 69 | 304 | 68 | 257 | 58 | 312 | 69 | 236 | 56 | 251 | 67 | 192 | 55 | 181 | 60 | 113 | 39 | 2,692 | 60 |
| Billings, Mont. | 173 | 61 | 129 | 44 | 208 | 56 | 231 | 57 | 259 | 56 | 304 | 64 | 363 | 76 | 288 | 66 | 214 | 57 | 198 | 59 | 138 | 49 | 93 | 34 | 2,598 | 58 |
| Binghamton, N. Y. | 93 | 31 | 97 | 33 | 123 | 33 | 221 | 55 | 210 | 46 | 249 | 55 | 292 | 57 | 237 | 55 | 229 | 61 | 172 | 50 | 102 | 35 | 49 | 17 | 2,044 | 46 |
| Birmingham, Ala. | 181 | 57 | 116 | 38 | 200 | 54 | 280 | 72 | 269 | 62 | 259 | 60 | 266 | 61 | 239 | 58 | 234 | 63 | 225 | 64 | 208 | 67 | 121 | 39 | 2,598 | 58 |
| Bismarck, N. Dak. | 184 | 66 | 115 | 40 | 169 | 46 | 242 | 59 | 214 | 46 | 284 | 60 | 308 | 64 | 298 | 68 | 217 | 58 | 185 | 55 | 149 | 53 | 87 | 33 | 2,452 | 55 |
| Block Island, R. I. | 174 | 58 | 196 | 66 | 226 | 61 | 270 | 68 | 295 | 66 | 296 | 65 | 325 | 70 | 281 | 66 | 220 | 59 | 212 | 62 | 154 | 52 | 138 | 48 | 2,785 | 63 |
| Boise, Idaho | 118 | 41 | 156 | 53 | 257 | 69 | 254 | 63 | 215 | 47 | 363 | 78 | 436 | 93 | 388 | 90 | 339 | 90 | 256 | 75 | 101 | 35 | 41 | 15 | 2,924 | 66 |
| Boston, Mass. | 181 | 61 | 188 | 63 | 183 | 49 | 214 | 53 | 160 | 35 | 208 | 46 | 262 | 57 | 281 | 66 | 214 | 57 | 215 | 63 | 129 | 44 | 110 | 39 | 2,345 | 53 |
| Brownsville, Tex. | 143 | 43 | 52 | 16 | 161 | 43 | 201 | 52 | 244 | 59 | 279 | 67 | 289 | 69 | 294 | 73 | 229 | 62 | 223 | 62 | 172 | 53 | 180 | 55 | 2,467 | K 56 |
| Buffalo, N. Y. | 83 | 29 | 89 | 30 | 112 | 30 | 256 | 64 | 208 | 46 | 278 | 61 | 318 | 68 | 268 | 62 | 214 | 57 | 159 | 46 | 122 | 42 | 55 | 20 | 2,162 | 48 |
| Burlington, Iowa | 110 | 59 | 113 | 38 | 143 | 39 | 264 | 66 | 271 | 60 | 294 | 65 | 364 | 79 | 338 | 79 | 228 | 61 | 238 | 69 | 154 | 52 | 142 | 49 | 2,659 | 61 |
| Burlington, Vt. | 106 | 37 | 142 | 48 | 134 | 36 | 190 | 47 | 262 | 57 | 272 | 59 | 298 | 64 | 287 | 66 | 221 | 59 | 205 | 60 | 100 | 34 | 63 | 23 | 2,280 | 51 |
| Canton, N. Y. | 122 | 42 | 125 | 43 | 130 | 35 | 205 | 51 | 230 | 50 | 256 | 55 | 298 | 63 | 261 | 60 | 193 | 51 | 192 | 57 | 121 | 42 | 77 | 28 | 2,210 | 50 |
| Cape Henry, Va. | 163 | 53 | 185 | 61 | 227 | 61 | 327 | 83 | 348 | 79 | 284 | 64 | 332 | 74 | 236 | 56 | 246 | 66 | 191 | 55 | 189 | 62 | 133 | 45 | 2,861 | 64 |
| Charles City, Iowa | 189 | 65 | 147 | 50 | 160 | 43 | 296 | 74 | 241 | 53 | 225 | 49 | 302 | 65 | 294 | 68 | 188 | 50 | 228 | 67 | 127 | 43 | 94 | 33 | 2,491 | 56 |
| Charleston, S. C. | 198 | 62 | 157 | 51 | 242 | 65 | 337 | 86 | 356 | 83 | 341 | 80 | 367 | 84 | 349 | 84 | 297 | 80 | 293 | 83 | 270 | 86 | 172 | 55 | 3,379 | 76 |
| Charlotte, N. C. | 207 | 66 | 209 | 68 | 270 | 73 | 340 | 87 | 281 | 65 | 307 | 71 | 281 | 64 | 233 | 56 | 252 | 68 | 213 | 61 | 208 | 67 | 129 | 42 | 2,930 | 66 |
| Chattanooga, Tenn. | 181 | 58 | 111 | 36 | 209 | 56 | 290 | 74 | 284 | 66 | 304 | 70 | 230 | 52 | 208 | 50 | 204 | 55 | 220 | 63 | 200 | 64 | 104 | 34 | 2,545 | 57 |
| Cheyenne, Wyo. | 205 | 69 | 188 | 63 | 274 | 74 | 210 | 53 | 284 | 63 | 257 | 57 | 316 | 69 | 248 | 58 | 258 | 69 | 214 | 62 | 174 | 59 | 206 | 72 | 2,834 | 64 |
| Chicago, Ill. | 150 | 51 | 96 | 32 | 153 | 41 | 305 | 76 | 243 | 54 | 220 | 48 | 311 | 67 | 261 | 61 | 214 | 57 | 210 | 61 | 133 | 45 | 100 | 35 | 2,396 | 54 |
| Cincinnati, Ohio | 161 | 53 | 117 | 39 | 186 | 50 | 292 | 73 | 247 | 56 | 292 | 65 | 342 | 76 | 286 | 67 | 255 | 68 | 184 | 53 | 130 | 43 | 76 | 26 | 2,568 | 58 |
| Cleveland, Ohio | 112 | 38 | 127 | 43 | 156 | 42 | 281 | 70 | 252 | 56 | 316 | 70 | 370 | 81 | 320 | 75 | 265 | 71 | 177 | 52 | 97 | 33 | 53 | 18 | 2,526 | 57 |
| Columbia, Mo. | 211 | 70 | 152 | 51 | 234 | 63 | 282 | 71 | 281 | 63 | 209 | 47 | 349 | 77 | 329 | 78 | 254 | 68 | 231 | 67 | 154 | 51 | 140 | 48 | 2,826 | 63 |
| Columbia, S. C. | 218 | 69 | 177 | 57 | 244 | 66 | 317 | 81 | 258 | 60 | 286 | 66 | 306 | 70 | 302 | 73 | 253 | 68 | 260 | 74 | 242 | 78 | 119 | 39 | 2,982 | 67 |
| Columbus, Ohio | 120 | 40 | 121 | 40 | 174 | 47 | 265 | 66 | 224 | 50 | 239 | 53 | 265 | 58 | 228 | 54 | 212 | 57 | 198 | 58 | 96 | 32 | 56 | 19 | 2,199 | 49 |
| Concord, N. H. | 161 | 55 | 172 | 58 | 171 | 46 | 224 | 56 | 215 | 47 | 266 | 58 | 279 | 60 | 282 | 65 | 198 | 53 | 191 | 56 | 103 | 35 | 102 | 36 | 2,364 | 53 |
| Concordia, Kans. | 217 | 72 | 160 | 53 | 221 | 60 | 263 | 66 | 313 | 70 | 280 | 62 | 341 | 75 | 273 | 64 | 198 | 53 | 223 | 65 | 160 | 54 | 74 | 25 | 2,723 | 61 |
| Dallas, Tex. | 162 | 51 | 128 | 42 | 252 | 68 | 169 | 43 | 242 | 56 | 290 | 68 | 345 | 79 | 282 | 68 | 244 | 66 | 187 | 53 | 182 | 58 | 128 | 41 | 2,611 | 59 |
| Davenport, Iowa | 156 | 53 | 103 | 35 | 127 | 34 | 270 | 67 | 235 | 52 | 250 | 55 | 327 | 71 | 273 | 64 | 189 | 50 | 201 | 59 | 111 | 38 | 84 | 30 | 2,326 | 52 |
| Dayton, Ohio | 154 | 51 | 114 | 38 | 175 | 47 | 287 | 72 | 258 | 58 | 306 | 68 | 329 | 72 | 288 | 68 | 247 | 66 | 178 | 52 | 96 | 32 | 49 | 17 | 2,481 | 56 |
| Del Rio, Tex. | 202 | 62 | 120 | 39 | 243 | 65 | 200 | 52 | 214 | 51 | 292 | 70 | 311 | 73 | 291 | 71 | 227 | 61 | 215 | 61 | 201 | 63 | 216 | 67 | 2,732 | 62 |
| Denver, Colo. | 195 | 65 | 172 | 57 | 258 | 68 | 217 | 55 | 329 | 74 | 278 | 62 | 362 | 79 | 318 | 75 | 279 | 75 | 222 | 64 | 223 | 74 | 205 | 71 | 3,055 | 69 |
| Des Moines, Iowa | 216 | 73 | 111 | 38 | 146 | 39 | 300 | 75 | 277 | 61 | 270 | 59 | 352 | 76 | 345 | 80 | 199 | 53 | 237 | 69 | 135 | 46 | 114 | 40 | 2,702 | 61 |
| Detroit, Mich. | 102 | 34 | 115 | 39 | 129 | 35 | 290 | 72 | 239 | 53 | 288 | 63 | 356 | 77 | 256 | 60 | 201 | 54 | 142 | 42 | 88 | 30 | 66 | 23 | 2,272 | 51 |
| Devils Lake, N. Dak. | 180 | 65 | 169 | 59 | 180 | 49 | 256 | 62 | 258 | 55 | 263 | 55 | 320 | 66 | 266 | 60 | 214 | 57 | 216 | 64 | 157 | 56 | 94 | 36 | 2,573 | 58 |
| Dodge City, Kans. | 229 | 75 | 173 | 57 | 254 | 69 | 225 | 57 | 358 | 81 | 236 | 53 | 364 | 81 | 325 | 77 | 290 | 78 | 247 | 71 | 214 | 70 | 178 | 60 | 3,093 | 70 |
| Dubuque, Iowa | 159 | 54 | 110 | 37 | 135 | 36 | 296 | 74 | 205 | 45 | 272 | 60 | 354 | 77 | 292 | 68 | 186 | 50 | 187 | 55 | 103 | 35 | 106 | 37 | 2,405 | 54 |
| Duluth, Minn. | 161 | 58 | 158 | 55 | 203 | 55 | 302 | 74 | 229 | 49 | 248 | 52 | 278 | 58 | 250 | 57 | 176 | 47 | 184 | 55 | 109 | 39 | 106 | 40 | 2,404 | 54 |
| Eastport, Maine | 136 | 47 | 146 | 50 | 103 | 44 | 215 | 53 | 183 | 35 | 211 | 45 | 221 | 47 | 224 | 51 | 178 | 47 | 195 | 58 | 119 | 41 | 122 | 44 | 2,093 | 47 |
| Elkins, W. Va. | 131 | 43 | 105 | 35 | 174 | 47 | 253 | 64 | 216 | 49 | 256 | 57 | 236 | 52 | 161 | 38 | 184 | 49 | 168 | 49 | 93 | 31 | 80 | 27 | 2,057 | 46 |
| El Paso, Tex. | 199 | 62 | 187 | 60 | 287 | 77 | 290 | 75 | 398 | 93 | 376 | 88 | 352 | 81 | 285 | 69 | 297 | 80 | 267 | 76 | 253 | 83 | 222 | 71 | 3,423 | 77 |
| Ely, Nev. | 212 | 70 | 174 | 58 | 299 | 81 | 253 | 64 | 255 | 57 | 377 | 84 | 343 | 76 | 321 | 76 | 349 | 93 | 261 | 75 | 187 | 62 | 181 | 62 | 3,212 | 72 |
| Erie, Pa. | 34 | 11 | 118 | 40 | 126 | 34 | 241 | 60 | 231 | 51 | 211 | 46 | 248 | 54 | 249 | 58 | 184 | 49 | 95 | 28 | 43 | 14 | 8 | 3 | 1,788 | 40 |
| Escanaba, Mich. | 115 | 41 | 91 | 31 | 129 | 35 | 274 | 67 | 228 | 49 | 257 | 54 | 268 | 56 | 211 | 48 | 163 | 43 | 190 | 56 | 105 | 37 | 73 | 27 | 2,104 | 47 |
| Eureka, Calif. | 98 | 33 | 154 | 52 | 230 | 62 | 173 | 43 | 187 | 42 | 278 | 62 | 211 | 46 | 152 | 36 | 179 | 48 | 169 | 49 | 107 | 36 | 68 | 24 | 2,006 | 45 |
| Evansville, Ind. | 179 | 59 | 136 | 45 | 198 | 53 | 274 | 69 | 292 | 66 | 318 | 72 | 380 | 85 | 322 | 76 | 279 | 75 | 199 | 57 | 136 | 45 | 76 | 26 | 2,788 | 63 |
| Fairbanks, Alaska | 58 | 36 | 96 | 41 | 237 | 65 | 310 | 68 | 299 | 51 | 272 | 42 | 283 | 45 | 164 | 32 | 136 | 35 | 58 | 19 | 84 | 45 | 24 | 20 | 2,021 | 44 |
| Fargo, N. Dak. | 178 | 64 | 167 | 58 | 167 | 45 | 242 | 59 | 217 | 46 | 224 | 47 | 316 | 66 | 251 | 57 | 202 | 54 | 214 | 64 | 152 | 54 | 90 | 34 | 2,420 | 54 |
| Fort Smith, Ark. | 233 | 74 | 183 | 59 | 308 | 83 | 278 | 71 | 304 | 70 | 282 | 65 | 383 | 87 | 322 | 77 | 257 | 69 | 203 | 58 | 174 | 56 | 120 | 39 | 3,047 | 67 |
| Fort Wayne, Ind. | 129 | 43 | 122 | 41 | 148 | 40 | 298 | 74 | 252 | 56 | 295 | 65 | 356 | 78 | 267 | 62 | 211 | 56 | 159 | 46 | 102 | 35 | 77 | 27 | 2,416 | 54 |
| Fort Worth, Tex. | 163 | 51 | 138 | 45 | 238 | 64 | 161 | 41 | 243 | 57 | 267 | 62 | 305 | 70 | 278 | 67 | 238 | 64 | 211 | 60 | 208 | 66 | 172 | 55 | 2,622 | 59 |
| Fresno, Calif. | 85 | 28 | 194 | 64 | 301 | 81 | 270 | 68 | 402 | 92 | 440 | 100 | 438 | 98 | 405 | 96 | 369 | 99 | 323 | 93 | 190 | 62 | 109 | 36 | 3,526 | 79 |
| Galveston, Tex. | 234 | 72 | 134 | 43 | 234 | 63 | 225 | 58 | 317 | 75 | 304 | 72 | 276 | 65 | 317 | 78 | 291 | 79 | 286 | 81 | 237 | 74 | 191 | 60 | 3,046 | 69 |

TABLE 13.—*Monthly amounts and percentage of sunshine, 1942*—Continued

| Stations | January | | February | | March | | April | | May | | June | | 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 | Hours | Percentage of possible | Hours | Percentage of possible | Hours | Percentage of possible | Hours | Percentage of possible | Hours | Percentage of possible | Hours | Percentage of possible |
| Grand Junction, Colo | 170 | 56 | 144 | 48 | 217 | 58 | 246 | 62 | 352 | 79 | 373 | 84 | 364 | 80 | 329 | 78 | 301 | 81 | 215 | 62 | 170 | 56 | 153 | 52 | 3,034 | 68 |
| Grand Rapids, Mich | 67 | 23 | 108 | 37 | 160 | 43 | 313 | 78 | 259 | 57 | 315 | 69 | 384 | 83 | 317 | 74 | 192 | 51 | 182 | 53 | 105 | 36 | 61 | 22 | 2,463 | 55 |
| Great Falls, Mont | 190 | 69 | 176 | 61 | 251 | 68 | 230 | 56 | 283 | 60 | 289 | 60 | 400 | 83 | 326 | 74 | 208 | 55 | 202 | 60 | 128 | 46 | 112 | 43 | 2,795 | 62 |
| Green Bay, Wis | 156 | 55 | 154 | 53 | 150 | 41 | 274 | 68 | 182 | 39 | 236 | 51 | 295 | 63 | 173 | 40 | 132 | 35 | 178 | 52 | 101 | 35 | 74 | 27 | 2,105 | 47 |
| Greensboro, N. C | 171 | 55 | 177 | 58 | 232 | 62 | 313 | 80 | 259 | 57 | 251 | 57 | 310 | 70 | 251 | 55 | 252 | 68 | 177 | 51 | 191 | 62 | 143 | 47 | 2,698 | 61 |
| Greenville, S. C | 169 | 54 | 147 | 48 | 221 | 59 | 326 | 83 | 285 | 66 | 275 | 63 | 263 | 59 | 237 | 57 | 250 | 67 | 207 | 59 | 197 | 64 | 139 | 46 | 2,710 | 61 |
| Harrisburg, Pa | 157 | 52 | 168 | 56 | 183 | 49 | 292 | 73 | 277 | 62 | 269 | 60 | 311 | 68 | 247 | 58 | 208 | 56 | 147 | 43 | 126 | 42 | 106 | 37 | 2,491 | 56 |
| Hartford, Conn | 175 | 59 | 161 | 54 | 173 | 47 | 247 | 61 | 228 | 50 | 238 | 52 | 294 | 64 | 244 | 57 | 196 | 52 | 216 | 63 | 145 | 49 | 141 | 50 | 2,458 | 55 |
| Harve, Mont | 161 | 59 | 150 | 53 | 247 | 67 | 286 | 69 | 300 | 63 | 313 | 65 | 416 | 85 | 351 | 79 | 257 | 68 | 211 | 63 | 118 | 43 | 122 | 47 | 2,932 | 66 |
| Helena, Mont | 154 | 55 | 129 | 45 | 224 | 60 | 227 | 56 | 221 | 47 | 275 | 58 | 372 | 78 | 351 | 80 | 264 | 70 | 204 | 61 | 126 | 45 | 113 | 42 | 2,660 | 60 |
| Honolulu, T. H | 288 | 84 | 226 | 70 | 262 | 70 | 242 | 64 | 308 | 76 | 290 | 72 | 286 | 70 | 307 | 77 | 290 | 79 | 280 | 77 | 236 | 71 | 216 | 64 | 3,231 | 73 |
| Houston, Tex | 174 | 54 | 79 | 25 | 183 | 49 | 164 | 42 | 232 | 55 | 240 | 57 | 249 | 58 | 231 | 56 | 183 | 49 | 194 | 55 | 172 | 54 | 205 | 65 | 2,306 | 52 |
| Huron, S. Dak | 208 | 72 | 129 | 44 | 176 | 47 | 267 | 66 | 250 | 55 | 308 | 66 | 335 | 72 | 303 | 70 | 211 | 56 | 202 | 59 | 129 | 45 | 86 | 31 | 2,604 | 58 |
| Indianapolis, Ind | 159 | 50 | 110 | 37 | 119 | 32 | 282 | 71 | 244 | 55 | 272 | 60 | 344 | 76 | 276 | 65 | 245 | 65 | 213 | 62 | 119 | 40 | 70 | 24 | 2,444 | 55 |
| Ithaca, N. Y | 108 | 37 | 99 | 33 | 117 | 32 | 223 | 56 | 201 | 44 | 259 | 57 | 280 | 61 | 237 | 55 | 212 | 57 | 168 | 49 | 128 | 43 | 57 | 20 | 2,089 | 47 |
| Jacksonville, Fla | 249 | 77 | 192 | 62 | 258 | 69 | 325 | 84 | 321 | 76 | 228 | 54 | 328 | 76 | 278 | 68 | 222 | 60 | 256 | 72 | 197 | 62 | 179 | 57 | 3,033 | 68 |
| Juneau, Alaska | 30 | 14 | 67 | 26 | 148 | 40 | 176 | 41 | 208 | 40 | 185 | 34 | 169 | 31 | 122 | 26 | 128 | 33 | 10 | 3 | 58 | 24 | 36 | 18 | 1,337 | 30 |
| Kalispell, Mont | 36 | 13 | 98 | 34 | 182 | 49 | 231 | 56 | 254 | 54 | 239 | 50 | 370 | 78 | 353 | 80 | 266 | 70 | 146 | 44 | 47 | 17 | 33 | 13 | 2,264 | 51 |
| Kansas City, Mo | 225 | 74 | 142 | 47 | 233 | 63 | 279 | 70 | 264 | 59 | 255 | 57 | 352 | 78 | 291 | 69 | 197 | 53 | 243 | 70 | 138 | 46 | 126 | 43 | 2,745 | 62 |
| Key West, Fla | 176 | 53 | 204 | 64 | 245 | 66 | 296 | 77 | 332 | 80 | 232 | 57 | 327 | 78 | 270 | 67 | 266 | 72 | 309 | 86 | 237 | 72 | 180 | 55 | 3,074 | 69 |
| Knoxville, Tenn | 162 | 52 | 119 | 39 | 201 | 54 | 295 | 75 | 262 | 60 | 303 | 69 | 280 | 63 | 177 | 42 | 225 | 60 | 187 | 54 | 165 | 54 | 107 | 35 | 2,483 | 56 |
| La Crosse, Wis | 158 | 55 | 100 | 34 | 114 | 31 | 264 | 65 | 195 | 42 | 274 | 59 | 313 | 67 | 297 | 69 | 168 | 45 | 215 | 63 | 145 | 50 | 85 | 30 | 2,328 | 52 |
| Lander, Wyo | 230 | 79 | 215 | 73 | 311 | 84 | 277 | 69 | 297 | 65 | 377 | 82 | 383 | 82 | 365 | 85 | 282 | 75 | 218 | 64 | 176 | 60 | 202 | 72 | 3,333 | 75 |
| Lansing, Mich | 83 | 28 | 102 | 34 | 116 | 31 | 292 | 73 | 250 | 55 | 309 | 67 | 332 | 71 | 257 | 60 | 186 | 50 | 165 | 48 | 86 | 30 | 62 | 22 | 2,240 | 50 |
| Lincoln, Nebr | 203 | 68 | 152 | 51 | 195 | 53 | 272 | 68 | 266 | 59 | 268 | 59 | 363 | 79 | 305 | 71 | 185 | 49 | 224 | 65 | 153 | 51 | 79 | 28 | 2,665 | 60 |
| Little Rock, Ark | 200 | 64 | 151 | 49 | 242 | 65 | 231 | 59 | 301 | 69 | 283 | 65 | 361 | 82 | 263 | 63 | 274 | 74 | 261 | 75 | 174 | 56 | 135 | 44 | 2,876 | 65 |
| Los Angeles, Calif | 208 | 66 | 231 | 75 | 318 | 86 | 214 | 55 | 353 | 82 | 274 | 63 | 374 | 85 | 335 | 81 | 286 | 77 | 251 | 71 | 255 | 82 | 233 | 76 | 3,332 | 75 |
| Louisville, Ky | 188 | 62 | 98 | 32 | 137 | 37 | 252 | 64 | 214 | 48 | 204 | 46 | 284 | 63 | 261 | 62 | 211 | 57 | 141 | 41 | 111 | 37 | 62 | 21 | 2,163 | 48 |
| Lynchburg, Va | 196 | 64 | 196 | 65 | 248 | 67 | 323 | 82 | 330 | 75 | 318 | 72 | 352 | 79 | 260 | 62 | 259 | 69 | 187 | 54 | 190 | 62 | 130 | 44 | 2,989 | 67 |
| Macon, Ga | 193 | 61 | 144 | 47 | 240 | 65 | 346 | 89 | 315 | 73 | 240 | 56 | 285 | 65 | 283 | 68 | 237 | 64 | 238 | 68 | 226 | 72 | 139 | 45 | 2,886 | 65 |
| Madison, Wis | 136 | 46 | 87 | 30 | 118 | 32 | 262 | 65 | 173 | 38 | 217 | 47 | 308 | 66 | 258 | 60 | 166 | 44 | 195 | 57 | 90 | 31 | 77 | 27 | 2,087 | 47 |
| Marquette, Mich | 87 | 31 | 66 | 23 | 148 | 40 | 268 | 66 | 243 | 52 | 279 | 59 | 264 | 55 | 261 | 59 | 148 | 39 | 178 | 53 | 86 | 31 | 30 | 11 | 2,058 | 46 |
| Memphis, Tenn | 196 | 63 | 133 | 44 | 243 | 65 | 248 | 63 | 302 | 69 | 309 | 71 | 377 | 85 | 264 | 63 | 271 | 73 | 252 | 72 | 160 | 52 | 111 | 36 | 2,866 | 64 |
| Meridian, Miss | 206 | 64 | 143 | 46 | 216 | 58 | 269 | 69 | 285 | 67 | 246 | 58 | 241 | 56 | 211 | 51 | 216 | 58 | 234 | 66 | 230 | 73 | 125 | 40 | 2,622 | 59 |
| Miami, Fla | 155 | 47 | 215 | 68 | 226 | 61 | 253 | 66 | 273 | 66 | 190 | 46 | 280 | 66 | 248 | 61 | 210 | 57 | 203 | 57 | 218 | 67 | 185 | 57 | 2,656 | 60 |
| Milwaukee, Wis | 143 | 49 | 88 | 30 | 136 | 37 | 279 | 69 | 223 | 49 | 254 | 55 | 323 | 69 | 269 | 63 | 195 | 52 | 195 | 57 | 117 | 40 | 82 | 29 | 2,304 | 52 |
| Minneapolis, Minn | 175 | 61 | 131 | 45 | 139 | 37 | 309 | 76 | 224 | 49 | 287 | 61 | 353 | 75 | 303 | 70 | 204 | 54 | 221 | 65 | 125 | 44 | 98 | 36 | 2,569 | 58 |
| Missoula, Mont | 88 | 32 | 120 | 42 | 158 | 43 | 209 | 51 | 198 | 42 | 223 | 47 | 386 | 80 | 352 | 80 | 261 | 69 | 157 | 41 | 48 | 17 | 29 | 11 | 2,209 | 49 |
| Mobile, Ala | 203 | 63 | 144 | 46 | 187 | 50 | 263 | 68 | 297 | 70 | 235 | 55 | 190 | 44 | 202 | 49 | 238 | 64 | 257 | 67 | 225 | 71 | 128 | 41 | 2,549 | 57 |
| Modena, Utah | 205 | 67 | 172 | 57 | 284 | 76 | 247 | 62 | 361 | 82 | 427 | 96 | 395 | 88 | 363 | 86 | 360 | 97 | 264 | 76 | 261 | 86 | 232 | 78 | 3,571 | 80 |
| Nantucket, Mass | 191 | 64 | 200 | 67 | 262 | 71 | 284 | 71 | 261 | 58 | 211 | 47 | 280 | 61 | 269 | 63 | 259 | 69 | 192 | 56 | 130 | 44 | 154 | 53 | 2,693 | 60 |
| Nashville, Tenn | 191 | 61 | 138 | 45 | 241 | 65 | 298 | 76 | 293 | 67 | 333 | 76 | 260 | 58 | 238 | 57 | 300 | 81 | 235 | 67 | 196 | 63 | 91 | 30 | 2,814 | 63 |
| New Haven, Conn | 190 | 64 | 198 | 67 | 215 | 58 | 276 | 69 | 278 | 62 | 303 | 67 | 353 | 77 | 327 | 77 | 248 | 66 | 218 | 63 | 157 | 53 | 148 | 51 | 2,911 | 65 |
| New Orleans, La | 230 | 71 | 118 | 38 | 196 | 53 | 228 | 59 | 301 | 71 | 240 | 57 | 251 | 58 | 236 | 58 | 273 | 74 | 275 | 78 | 222 | 69 | 138 | 44 | 2,708 | 61 |
| New York, N. Y | 186 | 62 | 178 | 60 | 177 | 48 | 267 | 67 | 257 | 57 | 226 | 50 | 284 | 62 | 236 | 55 | 229 | 61 | 213 | 62 | 169 | 57 | 135 | 47 | 2,557 | 57 |
| Nome, Alaska | 52 | 31 | 85 | 36 | 206 | 57 | 198 | 44 | 348 | 60 | 401 | 63 | 151 | 25 | 149 | 29 | 92 | 23 | 170 | 56 | 64 | 33 | 86 | 68 | 2,002 | 44 |
| Norfolk, Va | 161 | 52 | 176 | 58 | 219 | 59 | 323 | 82 | 321 | 73 | 290 | 66 | 346 | 77 | 271 | 64 | 247 | 66 | 181 | 52 | 209 | 68 | 117 | 39 | 2,861 | 64 |
| Northfield, Vt | 124 | 43 | 126 | 43 | 132 | 36 | 196 | 49 | 178 | 39 | 201 | 43 | 215 | 46 | 225 | 52 | 179 | 48 | 173 | 51 | 94 | 32 | 73 | 26 | 1,916 | 43 |
| North Head, Wash | 98 | 35 | 132 | 45 | 238 | 64 | 155 | 38 | 261 | 56 | 265 | 56 | 235 | 49 | 178 | 41 | 129 | 34 | 139 | 43 | 96 | 34 | 62 | 23 | 1,988 | 45 |
| North Platte, Nebr | 198 | 66 | 154 | 52 | 240 | 65 | 212 | 53 | 318 | 71 | 300 | 66 | 374 | 82 | 290 | 68 | 205 | 55 | 202 | 59 | 184 | 62 | 134 | 47 | 2,811 | 63 |
| Oklahoma City, Okla | 267 | 85 | 198 | 65 | 300 | 81 | 212 | 54 | 321 | 74 | 263 | 61 | 371 | 84 | 308 | 74 | 266 | 72 | 177 | 50 | 185 | 60 | 152 | 50 | 3,020 | 68 |
| Omaha, Nebr | 207 | 69 | 131 | 44 | 154 | 42 | 259 | 65 | 287 | 64 | 232 | 51 | 358 | 78 | 307 | 72 | 205 | 55 | 243 | 71 | 167 | 56 | 86 | 30 | 2,636 | 59 |
| Oswego, N. Y | 49 | 17 | 72 | 25 | 164 | 44 | 238 | 59 | 225 | 49 | 285 | 62 | 322 | 69 | 244 | 57 | 180 | 48 | 185 | 54 | 104 | 36 | 37 | 13 | 2,105 | 47 |
| Palestine, Tex | 206 | 64 | 163 | 53 | 260 | 70 | 207 | 53 | 263 | 61 | 311 | 73 | 332 | 77 | 316 | 77 | 252 | 68 | 295 | 84 | 222 | 70 | 179 | 57 | 3,006 | 68 |
| Parkersburg, W. Va | 102 | 33 | 100 | 33 | 140 | 38 | 247 | 62 | 211 | 48 | 261 | 59 | 235 | 52 | 191 | 45 | 212 | 57 | 180 | 52 | 93 | 31 | 85 | 29 | 2,057 | 46 |
| Pensacola, Fla | 253 | 78 | 179 | 57 | 205 | 55 | 310 | 80 | 343 | 81 | 301 | 71 | 315 | 73 | 267 | 65 | 272 | 74 | 303 | 86 | 247 | 77 | 150 | 47 | 3,145 | 71 |
| Peoria, Ill | 173 | 58 | 105 | 35 | 161 | 43 | 290 | 73 | 289 | 64 | 266 | 59 | 337 | 74 | 325 | 76 | 234 | 62 | 209 | 61 | 134 | 45 | 90 | 31 | 2,613 | 59 |
| Philadelphia, Pa | 144 | 48 | 164 | 55 | 183 | 49 | 264 | 66 | 295 | 66 | 266 | 59 | 280 | 62 | 224 | 53 | 220 | 59 | 169 | 49 | 166 | 55 | 130 | 45 | 2,505 | 56 |
| Phoenix, Ariz | 268 | 85 | 246 | 80 | 342 | 92 | 307 | 79 | 426 | 99 | 418 | 98 | 386 | 88 | 329 | 79 | 339 | 91 | 290 | 82 | 293 | 93 | 242 | 78 | 3,886 | 87 |
| Pittsburgh, Pa | 133 | 45 | 100 | 34 | 156 | 42 | 231 | 58 | 224 | 50 | 255 | 56 | 264 | 58 | 193 | 45 | 220 | 59 | 164 | 48 | 95 | 32 | 74 | 26 | 2,109 | 47 |
| Pocatello, Idaho | 110 | 38 | 118 | 40 | 237 | 64 | 219 | 54 | 205 | 45 | 355 | 77 | 410 | 88 | 362 | 84 | 310 | 83 | 210 | 61 | 79 | 27 | 69 | 25 | 2,684 | 60 |
| Port Arthur, Tex | 216 | 67 | 125 | 40 | 222 | 60 | 250 | 65 | 314 | 74 | 317 | 75 | 293 | 68 | 293 | 72 | 278 | 75 | 291 | 82 | 229 | 72 | 190 | 60 | 3,018 | 68 |
| Portland, Maine | 153 | 53 | 179 | 61 | 193 | 52 | 247 | 61 | 173 | 38 | 237 | 51 | 303 | 65 | 303 | 70 | 188 | 50 | 243 | 71 | 145 | 50 | 138 | 50 | 2,502 | 56 |
| Portland, Oreg | 110 | 39 | 87 | 30 | 193 | 52 | 204 | 50 | 198 | 43 | 224 | 48 | 290 | 61 | 259 | 59 | 239 | 64 | 160 | 47 | 68 | 24 | 19 | 7 | 2,051 | 46 |
| Providence, R. I | 150 | 51 | 175 | 59 | 180 | 49 | 233 | 58 | 232 | 51 | 248 | 54 | 256 | 56 | 254 | 59 | 202 | 54 | 180 | 53 | 120 | 41 | 114 | 40 | 2,344 | 53 |
| Pueblo, Colo | 251 | 82 | 205 | 68 | 272 | 73 | 226 | 57 | 366 | 83 | 301 | 68 | 343 | 76 | 290 | 69 | 260 | 70 | 209 | 60 | 174 | 57 | 240 | 81 | 3,137 | 70 |
| Raleigh, N. C | 171 | 55 | 150 | 49 | 207 | 56 | 309 | 78 | 262 | 60 | 271 | 62 | 278 | 62 | 213 | 51 | 244 | 66 | 197 | 56 | 184 | 60 | 100 | 33 | 2,586 | 58 |
| Rapid City, S. Dak | 208 | 72 | 150 | 51 | 202 | 55 | 210 | 52 | 245 | 54 | 310 | 67 | 377 | 80 | 277 | 64 | 216 | 57 | 186 | 55 | 163 | 56 | 129 | 46 | 2,673 | 60 |
| Reading, Pa | 150 | 50 | 159 | 53 | 177 | 48 | 268 | 67 | 292 | 65 | 272 | 60 | 288 | 63 | 228 | 54 | 238 | 64 | 190 | 55 | 179 | 60 | 119 | 41 | 2,560 | 57 |
| Richmond, Va | 190 | 62 | 190 | 63 | 229 | 62 | 313 | 79 | 294 | 67 | 256 | 58 | 304 | 68 | 212 | 50 | 238 | 64 | 208 | 60 | 186 | 61 | 104 | 35 | 2,724 | 61 |
| Rochester, N. Y | 104 | 36 | 86 | 29 | 129 | 35 | 241 | 60 | 174 | 38 | 214 | 47 | 304 | 65 | 287 | 67 | 213 | 57 | 156 | 46 | 125 | 43 | 49 | 18 | 2,082 | 47 |
| Roseburg, Oreg | 72 | 25 | 89 | 30 | 122 | 33 | 176 | 44 | 148 | 32 | 233 | 51 | 300 | 65 | 340 | 79 | 298 | 80 | 171 | 50 | 72 | 25 | 57 | 20 | 2,078 | 47 |
| Roswell, N. Mex | 201 | 63 | 198 | 64 | 305 | 82 | 264 | 68 | 356 | 83 | 303 | 71 | 332 | 76 | 224 | 54 | 253 | 68 | 248 | 70 | 262 | 83 | 207 | 67 | 3,153 | 71 |
| Sacramento, Calif | 75 | 25 | 183 | 61 | 283 | 76 | 241 | 61 | 369 | 83 | 434 | 97 | 441 | 97 | 397 | 94 | 350 | 94 | 271 | 78 | 145 | 48 | 94 | 32 | 3,283 | 74 |
| St. Joseph, Mo | 216 | 72 | 132 | 44 | 196 | 53 | 260 | 65 | 275 | 62 | 253 | 56 | 318 | 70 | 260 | 61 | 188 | 50 | 242 | 70 | 133 | 44 | 88 | 30 | 2,561 | 57 |
| St. Louis, Mo | 187 | 62 | 128 | 42 | 200 | 54 | 281 | 71 | 309 | 70 | 260 | 58 | 369 | 82 | 329 | 78 | 280 | 75 | 241 | 70 | 144 | 48 | 121 | 41 | 2,849 | 64 |
| Salt Lake City, Utah | 187 | 63 | 163 | 55 | 269 | 72 | 297 | 74 | 294 | 66 | 380 | 84 | 354 | 77 | 347 | 81 | 327 | 87 | 227 | 66 | 131 | 44 | 69 | 24 | 3,045 | 68 |
| San Antonio, Tex | 153 | 47 | 71 | 23 | 256 | 69 | 168 | 44 | 202 | 48 | 276 | 66 | 253 | 59 | 249 | 61 | 229 | 62 | 242 | 68 | 208 | 65 | 197 | 62 | 2,504 | 56 |
| San Diego, Calif | 225 | 71 | 214 | 70 | 279 | 75 | 199 | 51 | 276 | 64 | 239 | 56 | 330 | 75 | 296 | 72 | 262 | 71 | 237 | 67 | 262 | 83 | 229 | 74 | 3,048 | 69 |
| San Francisco, Calif | 129 | 42 | 202 | 67 | 306 | 83 | 223 | 56 | 341 | 77 | 381 | 86 | 312 | 69 | 239 | 57 | 252 | 68 | 265 | 76 | 194 | 64 | 181 | 61 | 3,025 | 68 |
| San Juan, Puerto Rico | 201 | 58 | 233 | 72 | 295 | 79 | 223 | 59 | 223 | 55 | 180 | 45 | 271 | 67 | 290 | 74 | 263 | 72 | 273 | 75 | 202 | 60 | 252 | 74 | 2,906 | 66 |
| Sault Ste. Marie, Mich | 101 | 36 | 148 | 51 | 165 | 45 | 286 | 70 | 209 | 45 | 262 | 56 | 270 | 57 | 227 | 52 | 130 | 35 | 173 | 51 | 79 | 28 | 37 | 14 | 2,087 | 47 |
| Savannah, Ga | 171 | 54 | 163 | 53 | 251 | 67 | 336 | 86 | 328 | 77 | 304 | 71 | 334 | 77 | 311 | 75 | 250 | 67 | 283 | 80 | 254 | 81 | 190 | 61 | 3,175 | 71 |
| Scranton, Pa | 132 | 44 | 130 | 44 | 174 | 47 | 244 | 61 | 221 | 49 | 230 | 51 | 301 | 66 | 240 | 56 | 236 | 63 | 195 | 57 | 134 | 45 | 68 | 23 | 2,305 | 52 |
| Seattle, Wash | 112 | 41 | 117 | 41 | 160 | 43 | 216 | 53 | 228 | 48 | 216 | 45 | 284 | 59 | 281 | 64 | 202 | 54 | 133 | 40 | 80 | 29 | 34 | 13 | 2,063 | 46 |

TABLE 13.—*Monthly amounts and percentage of sunshine, 1942*—Continued

| Stations | January | | February | | March | | April | | May | | June | | 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 | Hours | Percentage of possible | Hours | Percentage of possible | Hours | Percentage of possible | Hours | Percentage of possible | Hours | Percentage of possible | Hours | Percentage of possible |
| Sheridan, Wyo | 201 | 70 | 182 | 62 | 209 | 56 | 190 | 47 | 242 | 52 | 277 | 59 | 351 | 74 | 339 | 78 | 213 | 57 | 242 | 71 | 165 | 57 | 138 | 50 | 2,749 | 69 |
| Sioux City, Iowa | 193 | 65 | 118 | 40 | 145 | 39 | 272 | 68 | 249 | 55 | 261 | 57 | 371 | 80 | 335 | 78 | 197 | 53 | 246 | 72 | 137 | 47 | 99 | 35 | 2,623 | 59 |
| Spokane, Wash | 85 | 31 | 112 | 39 | 244 | 66 | 279 | 68 | 257 | 55 | 321 | 67 | 417 | 86 | 408 | 92 | 335 | 89 | 247 | 74 | 48 | 17 | 12 | 5 | 2,765 | 62 |
| Springfield, Ill | 190 | 63 | 116 | 39 | 186 | 50 | 271 | 68 | 235 | 53 | 232 | 52 | 318 | 70 | 310 | 73 | 209 | 56 | 204 | 59 | 127 | 42 | 104 | 36 | 2,502 | 56 |
| Springfield, Mo | 194 | 63 | 138 | 46 | 204 | 55 | 219 | 55 | 267 | 61 | 236 | 54 | 361 | 81 | 280 | 67 | 242 | 65 | 209 | 60 | 133 | 43 | 98 | 33 | 2,581 | 58 |
| Syracuse, N. Y | 97 | 33 | 94 | 31 | 132 | 36 | 227 | 56 | 195 | 43 | 286 | 62 | 290 | 62 | 210 | 49 | 173 | 46 | 126 | 37 | 136 | 46 | 49 | 17 | 2,015 | 45 |
| Tacoma, Wash | 84 | 30 | 101 | 35 | 181 | 49 | 207 | 51 | 179 | 38 | 225 | 47 | 256 | 53 | 243 | 55 | 184 | 49 | 114 | 34 | 81 | 29 | 29 | 11 | 1,884 | 42 |
| Tampa, Fla | 190 | 58 | 177 | 56 | 196 | 53 | 315 | 82 | 363 | 86 | 250 | 60 | 280 | 66 | 269 | 66 | 207 | 56 | 318 | 89 | 264 | 82 | 203 | 63 | 3,032 | 68 |
| Tatoosh Island, Wash | 56 | 20 | 109 | 38 | 117 | 32 | 109 | 26 | 175 | 37 | 224 | 47 | 199 | 41 | 228 | 52 | 151 | 40 | 140 | 42 | | | | | | |
| Terre Haute, Ind | 168 | 55 | 101 | 33 | 163 | 44 | 283 | 71 | 267 | 60 | 250 | 56 | 325 | 72 | 258 | 61 | 230 | 62 | 226 | 65 | 133 | 44 | 79 | 27 | 2,483 | 56 |
| Toledo, Ohio | 89 | 30 | 110 | 37 | 118 | 32 | 273 | 68 | 227 | 50 | 308 | 68 | 363 | 79 | 264 | 61 | 228 | 61 | 178 | 51 | 84 | 29 | 52 | 18 | 2,294 | 51 |
| Trenton, N. J | 145 | 48 | 164 | 55 | 177 | 48 | 264 | 66 | 300 | 67 | 277 | 62 | 326 | 72 | 269 | 63 | 244 | 65 | 195 | 57 | 163 | 55 | 97 | 33 | 2,621 | 59 |
| Valentine, Nebr | 194 | 66 | 137 | 46 | 204 | 55 | 250 | 62 | 243 | 53 | 283 | 62 | 346 | 74 | 300 | 70 | 200 | 53 | 206 | 60 | 122 | 42 | 144 | 51 | 2,629 | 59 |
| Vicksburg, Miss | 203 | 63 | 112 | 36 | 197 | 53 | 212 | 55 | 251 | 59 | 228 | 53 | 271 | 62 | 213 | 52 | 253 | 68 | 225 | 64 | 217 | 69 | 117 | 37 | 2,499 | 56 |
| Walla Wall, Wash | 43 | 15 | 108 | 37 | 231 | 62 | 249 | 61 | 279 | 60 | 342 | 73 | 419 | 88 | 418 | 96 | 318 | 85 | 235 | 69 | 31 | 11 | 31 | 11 | 2,704 | 61 |
| Washington, D. C | 154 | 51 | 183 | 61 | 209 | 59 | 279 | 70 | 304 | 69 | 252 | 57 | 288 | 64 | 239 | 56 | 246 | 66 | 164 | 47 | 146 | 48 | 71 | 24 | 2,535 | 57 |
| Wichita, Kans | 242 | 79 | 190 | 63 | 287 | 77 | 261 | 66 | 317 | 72 | 248 | 56 | 356 | 79 | 295 | 70 | 237 | 64 | 200 | 58 | 180 | 59 | 132 | 44 | 2,945 | 66 |
| Williston, N. Dak | 208 | 76 | 103 | 36 | 176 | 48 | 222 | 54 | 266 | 56 | 292 | 61 | 388 | 70 | 299 | 68 | 207 | 55 | 221 | 66 | 124 | 44 | 64 | 24 | 2,520 | 56 |
| Wilmington, N. C | 216 | 68 | 186 | 61 | 249 | 67 | 332 | 85 | 317 | 73 | 337 | 78 | 320 | 73 | 285 | 69 | 286 | 77 | 245 | 70 | 247 | 79 | 168 | 55 | 3,188 | 72 |
| Winnemucca, Nev | 106 | 35 | 130 | 44 | 209 | 56 | 226 | 56 | 267 | 60 | 357 | 79 | 437 | 95 | 379 | 89 | 346 | 93 | 276 | 80 | 122 | 41 | 57 | 20 | 2,912 | 65 |
| Yakima, Wash | 48 | 17 | 104 | 36 | 195 | 53 | 258 | 63 | 246 | 53 | 341 | 72 | 395 | 83 | 394 | 90 | 292 | 77 | 190 | 56 | 33 | 12 | 43 | 16 | 2,539 | 57 |
| Yuma, Ariz | 261 | 82 | 266 | 86 | 341 | 92 | 330 | 85 | 428 | 100 | 424 | 99 | 426 | 98 | 388 | 94 | 371 | 100 | 330 | 94 | 307 | 98 | 283 | 91 | 4,155 | 93 |

# EXCESSIVE RAINFALL, 1942

Table 14 contains statistics of maximum amounts of rainfall during the calendar year 1942.

The method of tabulating excessive precipitation has been changed, beginning with the year 1936, to meet the needs of many sewage engineers.

The method heretofore used gave the accumulated depth of precipitation for each 5 minutes for a storm 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, etc., and 0.80 inch in any 1-hour period, or 1.40 inches in 2 hours, the tabulation beginning with the 5-minute period where the rate of 0.05 inch in 5 minutes began and continuing for 5-minute periods up to 120 minutes.

The present method gives the maximum fall of precipitation for the periods 5 to 180 minutes, the maximum amounts being taken for the periods in which the fall is the greatest for the given time, and is tabulated to show the maximum amounts for 5, 10, 20, 30, 45, 60, 80, 100, 120, 150, and 180 minutes, even if the fall does not equal the excessive rate for some of the periods.

Table 14 shows for most stations of the Weather Bureau furnished with self-registering gages the maximum amounts of precipitation in 5, 10, 20, 30, 45, 60, 80, 100, 120, 150, and 180 minutes. The following table A shows limits at which precipitation is considered as excessive for all stations except in the Southern States, including North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, Arkansas, Louisiana, Texas, Oklahoma, and San Juan, P. R.

TABLE A.—*Showing limits at which precipitation may be considered as excessive*

| Duration (in minutes) | Depth of precipitation (in inches) | Duration (in minutes) | Depth of precipitation (in inches) |
|---|---|---|---|
| 5 | 0.25 | 35 | 0.55 |
| 10 | .30 | 40 | .60 |
| 15 | .35 | 45 | .65 |
| 20 | .40 | 50 | .70 |
| 25 | .45 | 60 | .80 |
| 30 | .50 | | |

This table is made up from the formula, $A=t+20$, where $A$ is the accumulated depth in hundredths of inches and $t$ is the time in minutes.

For the Southern States, table B is used. This table is made up from the formula, $A=2t+30$:

TABLE B.—*Showing limits at which precipitation may be considered as excessive*

| Duration (in minutes) | Depth of precipitation (in inches) | Duration (in minutes) | Depth of precipitation (in inches) |
|---|---|---|---|
| 5 | 0.40 | 40 | 1.10 |
| 10 | .50 | 45 | 1.20 |
| 15 | .60 | 50 | 1.30 |
| 20 | .70 | 60 | 1.50 |
| 25 | .80 | 80 | 1.90 |
| 30 | .90 | 100 | 2.30 |
| 35 | 1.00 | 120 | 2.70 |

Similar data for the years 1896 to 1934, inclusive, have been presented in the appropriate annual reports of the Chief of the Weather Bureau, and for the years 1935–39 in appropriate issues of the United States Meteorological Yearbook. The published data prior to 1896 consist of a record of maximum amounts of rainfall in 5- and 10-minute periods, also in 1 and 24 hours. The annual report for 1895–96 contains a summary of the records which up to that time had been made at the principal stations supplied with automatic gages.

The excessive precipitation data for the years 1897–1935, inclusive, show the accumulated amounts of precipitation for each 5 minutes during all storms 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.

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

TABLE 14.—*Maximum precipitation for stated intervals during 1942 at all stations furnished with self-registering gages*

| Stations and dates | Maximum amounts of precipitation, inches (5 to 180 minutes) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
| NEW ENGLAND STATES | | | | | | | | | | | |
| Eastport, Maine: | | | | | | | | | | | |
| June 19 | 0.28 | 0.35 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 |
| Portland, Maine: | | | | | | | | | | | |
| July 1 | .18 | .28 | .50 | .51 | .62 | .75 | .77 | .79 | .86 | .90 | .90 |
| Burlington, Vt.: | | | | | | | | | | | |
| June 13 | .16 | .27 | .36 | .37 | .40 | .41 | .41 | .42 | .42 | .44 | .45 |
| June 14 | .18 | .29 | .47 | .66 | .77 | .82 | 1.13 | 1.28 | 1.41 | 1.66 | 2.07 |
| July 28 | .30 | .52 | .75 | .76 | .76 | .76 | .76 | .76 | .77 | .86 | .90 |
| Aug. 16 | .37 | .59 | 1.06 | 1.41 | 1.47 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 |
| Aug. 28 | .19 | .30 | .42 | .48 | .53 | .57 | .59 | .60 | .61 | .62 | .62 |
| Sept. 27 | .28 | .47 | .83 | .89 | .96 | 1.00 | 1.03 | 1.04 | 1.07 | 1.11 | 1.12 |
| Northfield, Vt.: | | | | | | | | | | | |
| June 4 | .37 | .49 | .73 | .76 | .78 | .79 | .79 | .79 | .79 | .87 | .87 |
| June 14 | .29 | .45 | .65 | .67 | .73 | .80 | 1.05 | 1.30 | 1.36 | 1.47 | 1.49 |
| Aug. 16 | .16 | .30 | .50 | .61 | .66 | .66 | .68 | .68 | .68 | .68 | .68 |
| Sept. 20 | .22 | .35 | .43 | .48 | .56 | .61 | .63 | .64 | .69 | .73 | .76 |
| Concord, N. H.: | | | | | | | | | | | |
| June 7 | .45 | .87 | 1.23 | 1.36 | 1.39 | 1.41 | 1.49 | 1.51 | 1.55 | 1.55 | 1.55 |
| Sept 16 | .43 | .84 | 1.45 | 1.91 | 1.96 | 1.97 | 1.97 | 1.97 | 1.98 | 2.02 | 2.02 |
| Boston, Mass.: | | | | | | | | | | | |
| June 7 | .31 | .53 | .78 | .83 | .88 | .89 | .90 | .90 | .90 | .90 | .90 |
| June 19-20 | .23 | .36 | .43 | .68 | .90 | 1.21 | 1.45 | 1.58 | 1.80 | 1.80 | 1.81 |
| July 29 | .24 | .37 | .61 | .75 | .78 | .84 | .91 | 1.04 | 1.08 | 1.09 | 1.09 |
| Nantucket, Mass.: | | | | | | | | | | | |
| Aug. 9-10 | .23 | .31 | .35 | .42 | .53 | .53 | .54 | .55 | .56 | .74 | .83 |
| Aug. 14 | .17 | .29 | .41 | .48 | .50 | .52 | .63 | .68 | .71 | .84 | .92 |
| Aug. 14 | .28 | .43 | .71 | .91 | 1.18 | 1.22 | 1.25 | 1.26 | 1.26 | 1.26 | 1.26 |
| Oct. 15 | .23 | .40 | .63 | .79 | 1.01 | 1.15 | 1.26 | 1.55 | 1.70 | 1.85 | 1.89 |
| Oct. 22 | .21 | .30 | .43 | .54 | .55 | .55 | .55 | .56 | .68 | .70 | .70 |
| Nov. 1 | .18 | .27 | .46 | .55 | .64 | .70 | .76 | .83 | .83 | .83 | .83 |
| Block Island, R. I.: | | | | | | | | | | | |
| Aug. 14 | .40 | .67 | .83 | .94 | 1.00 | 1.10 | 1.21 | 1.23 | 1.25 | 1.26 | 1.27 |
| Nov. 25 | .14 | .24 | .43 | .52 | .63 | .71 | .76 | .78 | .79 | .80 | .81 |
| Providence, R. I.: | | | | | | | | | | | |
| July 3 | .16 | .25 | .36 | .58 | .72 | .87 | 1.05 | 1.20 | 1.29 | 1.44 | 1.50 |
| Nov. 1 | .25 | .35 | .53 | .58 | .59 | .60 | .60 | .60 | .61 | .61 | .62 |
| Hartford, Conn.: | | | | | | | | | | | |
| June 7 | .27 | .34 | .45 | .49 | .54 | .55 | .57 | .57 | .57 | .57 | .57 |
| June 14 | .21 | .34 | .47 | .59 | .69 | .76 | .84 | .89 | .89 | .90 | .90 |
| July 18 | .25 | .39 | .46 | .51 | .54 | .56 | .59 | .61 | .63 | .64 | .65 |
| Aug. 14 | .18 | .30 | .40 | .43 | .45 | .46 | .47 | .47 | .48 | .50 | .60 |
| Aug. 17 | .30 | .47 | .65 | .69 | .73 | .74 | .74 | .74 | .74 | .77 | 1.27 |
| Sept. 27 | .19 | .29 | .43 | .55 | .77 | .92 | 1.05 | 1.08 | 1.10 | 1.14 | 1.1 |
| Nov. 1 | .30 | .49 | .61 | .69 | .77 | .81 | .84 | .94 | .96 | .96 | .97 |
| New Haven, Conn.: | | | | | | | | | | | |
| July 2 | .17 | .26 | .40 | .44 | .54 | .59 | .62 | .68 | .90 | 1.06 | 1.20 |
| Aug. 10 | .27 | .47 | .68 | .70 | .80 | .85 | .87 | .88 | .88 | .88 | .88 |
| Aug. 16 | .72 | 1.12 | 1.28 | 1.28 | 1.35 | 1.39 | 1.39 | 1.39 | 1.39 | 1.40 | 1.43 |
| Aug. 17 | .52 | .99 | 1.11 | 1.22 | 1.23 | 1.25 | 1.26 | 1.26 | 1.40 | 1.46 | 1.50 |
| Aug. 23 | .35 | .54 | .68 | .75 | .84 | .86 | .87 | .87 | .87 | .87 | .87 |
| Oct. 21 | .21 | .32 | .43 | .46 | .48 | .53 | .60 | .64 | .67 | .72 | .76 |
| MIDDLE ATLANTIC STATES | | | | | | | | | | | |
| Albany, N. Y.: | | | | | | | | | | | |
| June 12 | .17 | .31 | .48 | .51 | .51 | .51 | .51 | .52 | .52 | .52 | .53 |
| July 1 | .39 | .65 | .68 | .68 | .68 | .69 | .69 | .69 | .69 | .69 | .69 |
| July 19 | .23 | .39 | .48 | .51 | .53 | .54 | .55 | .55 | .55 | .56 | .57 |
| July 29 | .25 | .41 | .55 | .60 | .60 | .60 | .61 | .61 | .61 | .61 | .61 |
| Binghamton, N. Y.: | | | | | | | | | | | |
| June 4 | .25 | .65 | .81 | 1.10 | 1.28 | 1.29 | 1.29 | 1.30 | 1.30 | 1.30 | 1.30 |
| July 17 | .42 | .57 | .63 | .65 | .67 | .70 | 1.03 | 1.10 | 1.13 | 1.18 | 1.22 |
| July 27 | .38 | .50 | .64 | .65 | .65 | .66 | .80 | .83 | .83 | .83 | .83 |
| New York, N. Y.: | | | | | | | | | | | |
| June 7 | .38 | .76 | 1.37 | 1.74 | 2.12 | 2.15 | 2.36 | 2.52 | 2.61 | 2.64 | 2.73 |
| July 18 | .23 | .39 | .56 | .71 | .99 | 1.27 | 1.32 | 1.35 | 1.39 | 1.44 | 1.50 |
| Aug. 16 | .25 | .37 | .49 | .52 | .73 | .93 | .95 | .97 | .98 | .99 | 1.00 |
| Aug. 17 | .28 | .53 | .58 | .64 | .69 | .76 | .80 | .81 | .82 | .84 | .84 |
| Harrisburg, Pa.: | | | | | | | | | | | |
| May 16 | .33 | .48 | .70 | .80 | .85 | .88 | .91 | .95 | .96 | .97 | .98 |
| June 22 | .17 | .32 | .55 | .62 | .64 | .69 | .71 | .73 | .73 | .74 | .84 |
| July 2 | .15 | .24 | .42 | .49 | .50 | .50 | .50 | .51 | .51 | .51 | .51 |
| July 10 | .15 | .23 | .44 | .57 | .89 | .99 | 1.08 | 1.15 | 1.17 | 1.21 | 1.24 |
| July 18 | .13 | .25 | .33 | .55 | .72 | .82 | .92 | .95 | 1.00 | 1.05 | 1.05 |
| July 22 | .17 | .28 | .38 | .43 | .52 | .57 | .64 | .71 | .79 | .84 | .86 |
| Aug. 16 | .27 | .46 | .54 | .57 | .59 | .64 | .64 | .65 | .65 | .66 | .66 |
| Aug. 17 | .28 | .38 | .47 | .51 | .54 | .56 | .59 | .63 | .66 | .67 | .68 |
| Philadelphia, Pa.: | | | | | | | | | | | |
| June 13 | .29 | .35 | .37 | .37 | .37 | .37 | .37 | .37 | .37 | .37 | .37 |
| July 27 | .44 | .76 | 1.49 | 2.05 | 2.50 | 2.65 | 2.70 | 2.72 | 2.72 | 2.75 | 2.76 |
| July 31 | .50 | .84 | 1.33 | 1.46 | 1.53 | 1.55 | 1.57 | 1.58 | 1.58 | 1.59 | 1.59 |
| Aug. 12 | .17 | .33 | .56 | .63 | .66 | .73 | .81 | .82 | .82 | .82 | .82 |
| Aug. 13 | .27 | .49 | .77 | .94 | 1.01 | 1.03 | 1.04 | 1.04 | 1.05 | 1.06 | 1.06 |
| Aug. 16 | .35 | .49 | .72 | .76 | .85 | .87 | .88 | .88 | .88 | .88 | .88 |
| Nov. 24 | .15 | .24 | .43 | .52 | .61 | .63 | .64 | .70 | .83 | .96 | .98 |
| Reading, Pa.: | | | | | | | | | | | |
| May 21 | .37 | .55 | .57 | .57 | .70 | .71 | .71 | .71 | .71 | .71 | .71 |
| May 21 | .24 | .32 | .45 | .48 | .50 | .50 | .51 | .52 | .58 | .66 | .66 |
| May 22 | .16 | .28 | .49 | .65 | .81 | .90 | 1.00 | 1.09 | 1.22 | 1.46 | 1.59 |
| June 4 | .28 | .45 | .66 | .83 | 1.19 | 1.30 | 1.37 | 1.43 | 1.44 | 1.44 | 1.45 |
| June 23 | .28 | .42 | .53 | .80 | 1.01 | 1.35 | 1.43 | 1.46 | 1.47 | 1.47 | 1.48 |
| July 4 | .22 | .41 | .64 | .81 | .83 | .84 | .84 | .84 | .84 | .84 | .84 |
| July 31 | .59 | 1.01 | 1.36 | 1.51 | 1.56 | 1.56 | 1.56 | 1.58 | 1.63 | 1.64 | 1.66 |
| Aug. 9 | .15 | .28 | .53 | .71 | .87 | 1.01 | 1.14 | 1.36 | 1.41 | 1.55 | 1.73 |
| Aug. 16 | .21 | .32 | .36 | .38 | .39 | .39 | .39 | .39 | .39 | .39 | .39 |
| Aug. 17 | .20 | .33 | .51 | .63 | .75 | .84 | .90 | .93 | .95 | .96 | .97 |
| Sept. 27 | .37 | .42 | .47 | .60 | .75 | .80 | .88 | 1.03 | 1.18 | 1.32 | 1.36 |
| MIDDLE ATLANTIC STATES—Con. | | | | | | | | | | | |
| Scranton, Pa.: | | | | | | | | | | | |
| May 22 | 0.19 | 0.34 | 0.53 | 0.62 | 0.75 | 1.04 | 1.31 | 1.57 | 1.84 | 2.04 | 2.10 |
| May 31 | .30 | .32 | .34 | .34 | .34 | .34 | .34 | .34 | .34 | .34 | .34 |
| June 8 | .10 | .24 | .41 | .44 | .49 | .54 | .57 | .63 | .72 | .78 | .79 |
| July 24 | .25 | .39 | .66 | .76 | .96 | 1.01 | 1.20 | 1.25 | 1.25 | 1.25 | 1.25 |
| Oct. 5 | .19 | .29 | .44 | .55 | .63 | .72 | .83 | .88 | .90 | 1.09 | 1.22 |
| Atlantic City, N. J.: | | | | | | | | | | | |
| July 11 | .27 | .39 | .46 | .52 | .71 | .79 | .95 | .96 | .98 | .98 | .99 |
| July 30 | .23 | .48 | .73 | .84 | .85 | .86 | .86 | .86 | .86 | .86 | .86 |
| July 31 | .32 | .51 | .84 | 1.04 | 1.10 | 1.12 | 1.13 | 1.13 | 1.13 | 1.15 | 1.15 |
| Aug. 9 | .33 | .57 | .70 | .74 | .77 | .77 | .78 | .78 | .78 | .85 | .85 |
| Aug. 12 | .38 | .61 | .77 | .84 | .85 | .85 | .85 | .85 | .85 | .85 | .85 |
| Aug. 14 | .34 | .46 | .53 | .53 | .55 | .64 | .64 | .77 | 1.03 | 1.11 | 1.12 |
| Aug. 17 | .33 | .52 | .83 | .98 | 1.08 | 1.36 | 1.41 | 1.45 | 1.49 | 1.56 | 1.62 |
| Aug. 23 | .25 | .43 | .71 | .90 | 1.04 | 1.16 | 1.32 | 1.43 | 1.54 | 1.67 | 1.69 |
| Oct. 16 | .25 | .51 | .78 | 1.10 | 1.37 | 1.51 | 1.61 | 1.68 | 2.15 | 2.42 | 2.58 |
| Trenton, N. J.: | | | | | | | | | | | |
| July 18 | .43 | .56 | .61 | .64 | .67 | .67 | .68 | .70 | .72 | .72 | .72 |
| July 31 | .26 | .35 | .36 | .37 | .38 | .38 | .41 | .44 | .44 | .45 | .45 |
| Aug. 16 | .30 | .44 | .65 | .69 | .70 | .71 | .71 | .71 | .71 | .71 | .71 |
| Oct. 17 | .16 | .29 | .49 | .69 | .81 | .86 | .94 | 1.02 | 1.11 | 1.17 | 1.21 |
| Baltimore, Md.: | | | | | | | | | | | |
| May 16 | .20 | .30 | .31 | .34 | .35 | .35 | .35 | .37 | .37 | .37 | .40 |
| July 5 | .35 | .62 | .98 | 1.04 | 1.04 | 1.04 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 |
| July 10 | .27 | .40 | .67 | .81 | 1.12 | 1.30 | 1.60 | 1.89 | 2.13 | 2.20 | 2.26 |
| Aug. 8-9 | .22 | .43 | .60 | .67 | .73 | .78 | 1.09 | 1.20 | 1.28 | 1.40 | 1.57 |
| Aug. 12 | .21 | .32 | .47 | .60 | .67 | .70 | .84 | .85 | .86 | .86 | .86 |
| Aug. 15 | .19 | .34 | .56 | .63 | .64 | .64 | .64 | .64 | .64 | .64 | .64 |
| Oct. 15 | .30 | .58 | 1.04 | 1.40 | 1.62 | 1.81 | 1.92 | 2.05 | 2.20 | 2.27 | 2.37 |
| Oct. 26 | .19 | .31 | .39 | .48 | .59 | .71 | .82 | .89 | .96 | 1.07 | 1.15 |
| Washington, D. C.: | | | | | | | | | | | |
| May 21 | .34 | .59 | .62 | .66 | .74 | .79 | .88 | .97 | 1.08 | 1.21 | 1.24 |
| May 22 | .27 | .41 | .42 | .42 | .43 | .52 | .67 | .68 | .68 | .68 | .68 |
| June 13 | .20 | .34 | .47 | .48 | .49 | .49 | .49 | .49 | .49 | .50 | .78 |
| June 26 | .15 | .27 | .48 | .55 | .63 | .74 | .89 | 1.00 | 1.17 | 1.39 | 1.51 |
| July 10 | .37 | .65 | .90 | 1.20 | 1.38 | 1.53 | 1.56 | 1.62 | 1.63 | 1.72 | 1.73 |
| July 31 | .39 | .60 | .64 | .65 | .66 | .66 | .66 | .66 | .66 | .66 | .66 |
| Aug. 8 | .20 | .32 | .43 | .60 | .73 | .96 | 1.25 | 1.44 | 1.57 | 1.80 | 1.99 |
| Aug. 9 | .22 | .36 | .64 | .89 | 1.20 | 1.31 | 1.38 | 1.44 | 1.59 | 1.85 | 1.87 |
| Oct. 15 | .30 | .58 | 1.04 | 1.40 | 1.62 | 1.81 | 1.92 | 2.05 | 2.20 | 2.27 | 2.37 |
| Cape Henry, Va.: | | | | | | | | | | | |
| Feb. 17 | .26 | .35 | .40 | .42 | .46 | .55 | .62 | .68 | .76 | .77 | .80 |
| May 2 | .49 | .78 | 1.45 | 1.67 | 1.68 | 1.70 | 1.70 | 1.70 | 1.80 | 1.88 | 1.88 |
| Aug. 3 | .36 | .60 | 1.06 | 1.32 | 1.44 | 1.47 | 1.52 | 1.52 | 1.53 | 1.55 | 1.55 |
| Aug. 11 | .17 | .28 | .43 | .51 | .54 | .58 | .60 | .60 | .60 | .61 | .62 |
| Sept. 10 | .71 | 1.00 | 1.28 | 1.34 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.36 | 1.37 |
| Sept. 10 | .23 | .37 | .57 | .68 | .70 | .71 | .74 | .80 | .84 | .87 | .89 |
| Sept. 17 | .20 | .34 | .55 | .61 | .66 | .66 | 1.01 | 1.03 | 1.11 | 1.11 | 1.12 |
| Sept. 27 | .41 | .67 | .98 | 1.32 | 1.61 | 2.06 | 2.27 | 2.29 | 2.29 | 2.31 | 2.31 |
| Oct. 26 | .18 | .34 | .55 | .67 | .85 | .96 | 1.06 | 1.14 | 1.18 | 1.20 | 1.22 |
| Lynchburg, Va.: | | | | | | | | | | | |
| May 20 | .16 | .30 | .42 | .55 | .68 | .75 | .83 | .87 | .88 | .89 | .89 |
| May 21 | .27 | .44 | .63 | .76 | .86 | .95 | 1.04 | 1.19 | 1.34 | 1.47 | 1.55 |
| June 1 | .17 | .32 | .46 | .47 | .47 | .48 | .48 | .48 | .48 | .48 | .48 |
| June 11 | .30 | .51 | .95 | 1.17 | 1.31 | .54 | 1.64 | 1.71 | 1.72 | 1.72 | 1.72 |
| June 13 | .18 | .32 | .49 | .52 | .57 | .59 | .61 | .61 | .61 | .61 | .61 |
| June 22 | .19 | .30 | .42 | .45 | .50 | .57 | .59 | .61 | .61 | .61 | .61 |
| July 10 | .25 | .44 | .59 | .72 | .73 | .74 | .74 | .74 | .74 | .74 | .76 |
| Aug. 12 | .14 | .27 | .44 | .57 | .71 | .80 | .84 | .86 | .86 | .86 | .86 |
| Aug. 14 | .32 | .56 | .91 | 1.11 | 1.38 | 1.52 | 1.67 | 1.96 | 2.18 | 2.32 | 2.33 |
| Sept. 10 | .36 | .55 | .65 | .68 | .81 | .88 | .90 | .90 | .90 | .90 | .90 |
| Sept. 17 | .42 | .71 | .86 | .88 | .92 | .93 | .94 | .95 | .96 | .97 | .97 |
| Norfolk, Va.: | | | | | | | | | | | |
| Jan. 19 | .22 | .33 | .41 | .42 | .43 | .43 | .43 | .44 | .44 | .44 | .44 |
| Feb. 17 | .25 | .35 | .41 | .45 | .58 | .68 | .76 | .97 | 1.02 | 1.05 | 1.07 |
| May 7 | .14 | .24 | .44 | .47 | .47 | .47 | .52 | .52 | .53 | .54 | .54 |
| May 13 | .18 | .32 | .46 | .46 | .51 | .52 | .53 | .54 | .54 | .54 | .54 |
| May 23 | .29 | .49 | .56 | .56 | .57 | .57 | .57 | .57 | .57 | .57 | .57 |
| Aug. 3 | .24 | .34 | .43 | .55 | .72 | .84 | .89 | .90 | .90 | .91 | .92 |
| Aug. 11 | .39 | .71 | 1.28 | 1.75 | 2.30 | 2.50 | 3.02 | 3.26 | 3.80 | 4.10 | 4.21 |
| Aug. 12 | .22 | .39 | .61 | .73 | 1.14 | 1.35 | 1.55 | 1.67 | 1.88 | 2.17 | 2.24 |
| Aug. 13 | .39 | .58 | .81 | .96 | 1.02 | 1.09 | 1.35 | 1.41 | 1.42 | 1.48 | 2.11 |
| Aug. 14 | .33 | .51 | .84 | 1.07 | 1.35 | 1.43 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| Aug. 16 | .26 | .43 | .57 | .63 | .67 | .68 | .69 | .69 | .69 | .69 | .71 |
| Aug. 23 | .32 | .39 | .45 | .55 | .56 | .56 | .56 | .56 | .57 | .57 | .57 |
| Sept. 10 | .23 | .39 | .61 | .66 | .71 | .73 | .74 | .76 | .77 | .79 | .81 |
| Sept. 27 | .21 | .32 | .49 | .56 | .72 | 1.08 | 1.14 | 1.16 | 1.16 | 1.17 | 1.18 |
| Richmond, Va.: | | | | | | | | | | | |
| May 31 | .31 | .53 | .79 | 1.23 | 1.55 | 1.70 | 1.83 | 1.83 | 1.83 | 1.83 | 1.83 |
| June 3 | .24 | .35 | .39 | .39 | .39 | .40 | .40 | .40 | .40 | .40 | .40 |
| June 8 | .21 | .37 | .66 | .93 | 1.10 | 1.12 | 1.15 | 1.16 | 1.18 | 1.18 | 1.18 |
| July 25 | .26 | .42 | .63 | .69 | .60 | .60 | .60 | .60 | .60 | .60 | .60 |
| Aug. 3 | .43 | .76 | 1.29 | 1.50 | 1.61 | 1.65 | 1.69 | 1.74 | 1.80 | 1.82 | 1.87 |
| Sept. 10 | .20 | .30 | .37 | .38 | .38 | .39 | .39 | .40 | .40 | .40 | .40 |
| Sept. 27 | .21 | .35 | .49 | .49 | .49 | .49 | .49 | .53 | .54 | .54 | .54 |
| SOUTH ATLANTIC STATES | | | | | | | | | | | |
| Charlotte, N. C.: | | | | | | | | | | | |
| June 11 | .52 | .82 | 1.20 | 1.51 | 1.97 | 2.38 | 2.53 | 2.54 | 2.54 | 2.54 | 2.54 |
| July 8 | .36 | .55 | .75 | .78 | .80 | .80 | .82 | .83 | .84 | .84 | .84 |
| Aug. 17 | .30 | .50 | .71 | .80 | .80 | .86 | 1.07 | 1.13 | 1.15 | 1.16 | 1.17 |
| Greensboro, N. C.: | | | | | | | | | | | |
| July 6 | .54 | .78 | .89 | .91 | .97 | .99 | .99 | .99 | .99 | .99 | .99 |
| July 10 | .26 | .47 | .77 | 1.03 | 1.04 | 1.05 | 1.05 | 1.05 | 1.06 | 1.06 | 1.06 |
| Aug. 8 | .40 | .67 | 1.13 | 1.16 | 1.20 | 1.47 | 1.61 | 1.61 | 1.61 | 1.66 | 1.68 |
| Hatteras, N. C.: | | | | | | | | | | | |
| Aug. 4 | .38 | .58 | .67 | .73 | .73 | .73 | .73 | .73 | .73 | .73 | .73 |
| Oct. 24 | .50 | .77 | .83 | .86 | .89 | .91 | .94 | .96 | 1.00 | 1.01 | 1.02 |

See footnotes at end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1942 at all stations furnished with self-registering gages*—Continued

| Stations and dates | Maximum amounts of precipitation, inches (5 to 180 minutes) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
| SOUTH ATLANTIC STATES—COD. | | | | | | | | | | | |
| Raleigh, N. C.: | | | | | | | | | | | |
| May 21 | 0.30 | 0.54 | 0.79 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.85 | 0.85 |
| June 9 | .39 | .48 | .52 | .54 | .64 | .73 | .77 | .78 | .78 | .78 | .78 |
| July 10 | .12 | .70 | .70 | .72 | .72 | .75 | .77 | .77 | .77 | .77 | .77 |
| Aug. 4 | .45 | .75 | .95 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| Aug. 11 | .73 | .88 | 1.00 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| Aug. 12 | .25 | .50 | .62 | .65 | .67 | .70 | .72 | .77 | .80 | .84 | .84 |
| Wilmington, N. C.: | | | | | | | | | | | |
| May 5 | .35 | .52 | .63 | .63 | .65 | .69 | .73 | .75 | .75 | .75 | .75 |
| May 15 | .29 | .33 | .50 | .72 | .85 | 1.15 | 1.33 | 1.69 | 1.79 | 1.85 | 1.86 |
| May 16 | .29 | .55 | .69 | .71 | .72 | .74 | .76 | .78 | .78 | .78 | .78 |
| June 19 | .36 | .61 | .92 | .98 | 1.11 | 1.17 | 1.24 | 1.33 | 1.35 | 1.37 | 1.38 |
| July 2 | .28 | .41 | .71 | .79 | .93 | 1.07 | 1.12 | 1.14 | 1.15 | 1.16 | 1.16 |
| Aug. 1 | .33 | .59 | .92 | 1.08 | 1.19 | 1.22 | 1.22 | 1.22 | 1.22 | 1.23 | 1.24 |
| Aug. 9 | .37 | .59 | .74 | .91 | 1.04 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | 1.06 |
| Charleston, S. C.: | | | | | | | | | | | |
| Jan. 3 | .24 | .35 | .52 | .65 | .86 | 1.01 | 1.17 | 1.29 | 1.39 | 1.45 | 1.51 |
| June 16 | .43 | .62 | .75 | .79 | .81 | .83 | .85 | .85 | .85 | .85 | .85 |
| July 3 | .42 | .68 | .74 | .74 | .84 | .84 | .84 | .84 | .84 | .84 | .84 |
| July 5 | .41 | .79 | 1.27 | 1.76 | 2.35 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 |
| July 10 | .39 | .59 | .62 | .62 | .62 | .62 | .62 | .62 | .62 | .62 | .62 |
| Aug. 19 | .31 | .50 | .67 | .82 | 1.06 | 1.43 | 1.54 | 1.59 | 1.65 | 1.69 | 1.71 |
| Aug. 24 | .46 | .79 | .93 | .99 | .99 | .99 | .99 | .99 | .99 | 1.11 | 1.11 |
| Sept. 26 | .29 | .52 | .73 | .81 | .83 | .85 | .87 | .91 | .97 | 1.26 | 1.26 |
| Columbia, S. C.: | | | | | | | | | | | |
| April 10 | .32 | .52 | .74 | .88 | .95 | .96 | .96 | .97 | 1.02 | 1.31 | 1.38 |
| July 3 | .38 | .50 | .76 | .98 | 1.27 | 1.43 | 1.50 | 1.55 | 1.87 | 2.65 | 2.89 |
| July 8 | .35 | .52 | .57 | .58 | .59 | .59 | .59 | .59 | .59 | .59 | .59 |
| July 24 | .43 | .57 | .58 | .60 | .60 | .61 | .61 | .61 | .62 | .62 | .62 |
| Greenville, S. C.: | | | | | | | | | | | |
| July 1 | .39 | .59 | .73 | .81 | .89 | 1.05 | 1.10 | 1.11 | 1.11 | 1.11 | 1.11 |
| Augusta, Ga.: | | | | | | | | | | | |
| Mar. 17 | .58 | .91 | 1.05 | 1.08 | 1.14 | 1.17 | 1.20 | 1.21 | 1.24 | 1.26 | 1.33 |
| May 6 | .24 | .41 | .69 | .92 | 1.16 | 1.29 | 1.32 | 1.33 | 1.33 | 1.33 | 1.33 |
| July 22 | .26 | .42 | .73 | .76 | .79 | .80 | .81 | .92 | 1.00 | 1.03 | 1.03 |
| Aug. 11 | .28 | .52 | .72 | .84 | .93 | .97 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| Savannah, Ga.: | | | | | | | | | | | |
| June 16 | .44 | .73 | 1.02 | 1.04 | 1.07 | 1.21 | 1.48 | 1.52 | 1.52 | 1.52 | 1.52 |
| July 23 | .59 | .94 | 1.55 | 2.01 | 2.56 | 3.63 | 4.52 | 4.82 | 4.89 | 4.96 | 5.03 |
| Aug. 12 | .31 | .53 | .75 | 1.00 | 1.27 | 1.28 | 1.28 | 1.28 | 1.28 | 1.28 | 1.28 |
| Jacksonville, Fla.: | | | | | | | | | | | |
| Mar. 13 | .37 | .50 | .53 | .57 | .60 | 1.10 | 1.14 | 1.21 | 1.28 | 1.36 | 1.42 |
| July 13 | .39 | .73 | 1.22 | 1.47 | 1.53 | 1.54 | 1.54 | 1.54 | 1.54 | 1.54 | 1.54 |
| Sept. 5 | .28 | .43 | .73 | .87 | .98 | 1.00 | 1.01 | 1.03 | 1.05 | 1.07 | 1.09 |
| Sept. 6 | .38 | .66 | .99 | 1.27 | 1.37 | 1.46 | 1.49 | 1.49 | 1.50 | 1.50 | 1.50 |
| FLORIDA PENINSULA | | | | | | | | | | | |
| Key West, Fla.: | | | | | | | | | | | |
| June 7–8 | .50 | .77 | .92 | .93 | .93 | .93 | .93 | 1.12 | 1.12 | 1.12 | 1.13 |
| June 8 | .42 | .65 | .72 | .81 | .92 | .98 | 1.03 | 1.07 | 1.14 | 1.31 | 1.36 |
| June 27 | .32 | .53 | .64 | .65 | .68 | .68 | .71 | .78 | .83 | .88 | .90 |
| Miami, Fla.: | | | | | | | | | | | |
| Apr. 16 | .42 | .79 | 1.39 | 1.95 | 2.42 | 2.97 | 3.33 | 3.60 | 3.88 | 4.05 | 4.61 |
| Apr. 17 | .60 | .94 | 1.25 | 1.32 | 1.61 | 1.81 | 2.50 | 2.92 | 2.93 | 2.93 | 3.66 |
| June 3 | .28 | .42 | .81 | .94 | 1.07 | 1.20 | 1.43 | 1.72 | 1.80 | 1.81 | 1.81 |
| June 9 | .36 | .55 | .77 | .84 | .86 | .87 | .88 | .89 | .98 | 1.01 | 1.03 |
| June 15 | .26 | .47 | .80 | 1.06 | 1.08 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 |
| June 25 | .29 | .48 | .83 | .89 | .89 | .90 | .93 | .94 | .96 | 1.45 | 1.46 |
| Sept. 29 | .23 | .45 | .64 | .68 | .69 | .69 | .70 | .70 | .70 | .70 | .70 |
| Oct. 1–2 | .37 | .54 | .81 | .97 | 1.16 | 1.26 | 1.35 | 1.36 | 1.37 | 1.39 | 1.40 |
| Tampa, Fla.: | | | | | | | | | | | |
| Mar. 18 | .48 | .94 | 1.42 | 1.46 | 1.52 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 |
| July 15 | .52 | 1.01 | 1.86 | 2.10 | 2.16 | 2.17 | 2.17 | 2.17 | 2.17 | 2.17 | 2.17 |
| July 26 | .37 | .74 | 1.01 | 1.08 | 1.11 | 1.11 | 1.12 | 1.13 | 1.13 | 1.13 | 1.13 |
| Sept. 4 | .39 | .71 | 1.01 | 1.06 | 1.08 | 1.09 | 1.10 | 1.12 | 1.17 | 1.26 | 1.29 |
| EAST GULF STATES | | | | | | | | | | | |
| Atlanta, Ga.: | | | | | | | | | | | |
| Mar. 15 | .36 | .55 | .88 | 1.21 | 1.52 | 1.54 | 1.54 | 1.55 | 1.55 | 1.55 | 1.55 |
| May 14 | .34 | .60 | .97 | 1.07 | 1.16 | 1.29 | 1.34 | 1.35 | 1.42 | 1.45 | 1.55 |
| July 14 | .38 | .65 | .92 | 1.11 | 1.14 | 1.18 | 1.20 | 1.20 | 1.20 | 1.20 | 1.37 |
| Sept. 4 | .41 | .61 | .81 | .98 | .98 | .98 | .98 | .98 | .98 | 1.05 | 1.26 |
| Dec. 1 | .40 | .43 | .45 | .60 | .60 | .60 | .60 | .60 | .60 | .62 | .64 |
| Macon, Ga.: | | | | | | | | | | | |
| Jan. 1 | .35 | .54 | .74 | .90 | .93 | .94 | 1.03 | 1.04 | 1.04 | 1.04 | 1.04 |
| May 12 | .40 | .55 | .56 | .62 | .92 | .99 | .99 | .99 | 1.00 | 1.03 | 1.03 |
| May 21 | .24 | .38 | .74 | .98 | 1.19 | 1.24 | 1.24 | 1.24 | 1.32 | 1.37 | 1.67 |
| Aug. 11 | .51 | .77 | .83 | .85 | .85 | .86 | .86 | .86 | .90 | 1.05 | 1.06 |
| Aug. 19 | .42 | .56 | .60 | .65 | .66 | .69 | .73 | .88 | 1.18 | 1.23 | 1.29 |
| Nov. 23 | .21 | .39 | .73 | .86 | 1.06 | 1.13 | 1.25 | 1.35 | 1.47 | 1.65 | 1.78 |
| Apalachicola, Fla.: | | | | | | | | | | | |
| Mar. 17 | .28 | .46 | .73 | .88 | .99 | 1.06 | 1.12 | 1.13 | 1.34 | 1.57 | 1.71 |
| May. 28 | .23 | .37 | .65 | .93 | 1.08 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 |
| June 22 | .39 | .67 | 1.07 | 1.48 | 1.76 | 1.86 | 2.01 | 2.19 | 2.23 | 2.33 | 2.37 |
| July 16 | .40 | .76 | 1.34 | 1.44 | 1.45 | 1.46 | 1.47 | 1.49 | 1.51 | 1.53 | 1.54 |
| Aug. 17 | .31 | .53 | .69 | .69 | .79 | .79 | .80 | .80 | .80 | .80 | .80 |
| Aug. 18 | .35 | .62 | .98 | 1.24 | 1.29 | 1.30 | 1.31 | 1.31 | 1.33 | 1.59 | 1.62 |
| Sept. 6 | .32 | .52 | .71 | .72 | .74 | .75 | .75 | .75 | .75 | .75 | .75 |
| Sept. 25 | .50 | .76 | 1.00 | 1.25 | 1.39 | 1.51 | 1.58 | 1.66 | 1.76 | 1.78 | 1.80 |
| Sept. 27 | .23 | .42 | .69 | .96 | 1.31 | 1.72 | 1.91 | 1.98 | 2.03 | 2.10 | 2.11 |
| Pensacola, Fla.: | | | | | | | | | | | |
| Feb. 16 | .24 | .44 | .65 | .95 | 1.02 | 1.11 | 1.19 | 1.22 | 1.24 | 1.26 | 1.27 |
| Apr. 9 | .32 | .56 | .79 | 1.13 | 1.48 | 1.54 | 1.56 | 1.60 | 1.64 | 1.66 | 1.67 |
| May 14 | .50 | .82 | 1.20 | 1.25 | 1.31 | 1.37 | 1.44 | 1.51 | 1.59 | 1.68 | 1.71 |
| May 15 | .32 | .53 | .69 | .70 | .71 | .73 | .77 | .82 | .87 | .96 | 1.01 |
| June 10 | .38 | .61 | .65 | .65 | .76 | .81 | .81 | .81 | .81 | .81 | .81 |
| June 22 | .23 | .45 | .91 | 1.26 | 1.58 | 1.69 | 1.77 | 1.86 | 1.96 | 2.13 | 2.25 |
| June 27 | .30 | .59 | .89 | .95 | .98 | .99 | 1.00 | 1.01 | 1.02 | 1.03 | 1.04 |
| Aug. 17 | .56 | .98 | 1.13 | 1.25 | 1.40 | 1.52 | 1.57 | 1.63 | 1.69 | 1.78 | 1.85 |
| Sept. 15 | .38 | .55 | .64 | .70 | .85 | 1.29 | 1.34 | 1.39 | 1.69 | 1.71 | 1.71 |
| Dec. 6 | .37 | .66 | .79 | .90 | 1.05 | 1.06 | 1.06 | 1.06 | 1.07 | 1.07 | 1.07 |
| EAST GULF STATES—continued | | | | | | | | | | | |
| Birmingham, Ala.: | | | | | | | | | | | |
| May 14 | 0.27 | 0.47 | 0.73 | 0.80 | 0.90 | 0.93 | 1.00 | 1.05 | 1.12 | 1.33 | 1.38 |
| Dec. 27 | .44 | .74 | 1.26 | 1.64 | 1.85 | 2.37 | 3.03 | 3.33 | 3.45 | 3.71 | 4.23 |
| Mobile, Ala.: | | | | | | | | | | | |
| May 12 | .55 | .92 | 1.34 | 1.54 | 1.59 | 1.65 | 1.72 | 1.78 | 1.84 | 1.90 | 1.92 |
| May 13 | .43 | .73 | .96 | 1.07 | 1.20 | 1.23 | 1.25 | 1.34 | 1.52 | 1.56 | 1.56 |
| May 15 | .29 | .50 | .83 | .89 | .91 | .94 | .96 | .99 | 1.03 | 1.09 | 1.14 |
| June 16 | .46 | .58 | .83 | .95 | 1.15 | 1.17 | 1.18 | 1.19 | 1.22 | 1.23 | 1.43 |
| June 22 | .39 | .66 | 1.12 | 1.56 | 2.19 | 2.84 | 3.35 | 3.61 | 3.93 | 4.23 | 4.39 |
| July 4 | .35 | .55 | .73 | .78 | .82 | 1.06 | 1.14 | 1.17 | 1.18 | 1.18 | 1.18 |
| July 13 | .40 | .70 | .92 | 1.01 | 1.04 | 1.07 | 1.08 | 1.08 | 1.08 | 1.08 | 1.09 |
| Aug. 12 | .45 | .70 | 1.13 | 1.60 | 1.86 | 1.89 | 2.25 | 2.33 | 2.34 | 2.34 | 2.34 |
| Oct. 25 | .52 | .89 | 1.31 | 1.50 | 1.59 | 1.65 | 1.88 | 2.19 | 2.30 | 2.33 | 2.35 |
| Dec. 27–28 | .41 | .72 | 1.11 | 1.38 | 1.66 | 1.78 | 2.18 | 2.40 | 2.45 | 2.92 | 3.15 |
| Montgomery, Ala.: | | | | | | | | | | | |
| June 15 | .31 | .57 | 1.07 | 1.27 | 1.31 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 |
| Dec. 5 | .36 | .62 | .79 | 1.04 | 1.40 | 1.85 | 2.21 | 2.35 | 2.42 | 2.51 | 2.52 |
| Meridian, Miss.: | | | | | | | | | | | |
| Mar. 20 | .29 | .53 | .97 | 1.18 | 1.48 | 1.71 | 1.93 | 2.16 | 2.40 | 2.80 | 2.96 |
| Apr. 9 | .44 | .87 | 1.11 | 1.11 | 1.11 | 1.12 | 1.13 | 1.13 | 1.17 | 1.22 | 1.22 |
| May 14 | .39 | .56 | .96 | 1.00 | 1.13 | 1.27 | 1.41 | 1.49 | 1.54 | 1.65 | 1.70 |
| June 10 | .35 | .64 | .77 | .92 | .94 | .94 | .94 | .94 | .94 | .94 | .94 |
| June 21 | .28 | .47 | .65 | .91 | 1.24 | 1.63 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 |
| Dec. 27 | .36 | .68 | 1.13 | 1.37 | 1.54 | 1.63 | 1.74 | 1.92 | 2.00 | 2.16 | 2.38 |
| Vicksburg, Miss.: | | | | | | | | | | | |
| Feb. 16 | .25 | .45 | .62 | .76 | 1.03 | 1.12 | 1.19 | 1.21 | 1.32 | 1.42 | 1.44 |
| Mar. 13 | .53 | .81 | .94 | 1.10 | 1.14 | 1.15 | 1.18 | 1.24 | 1.30 | 1.32 | 1.33 |
| May 14 | .48 | .83 | 1.50 | 2.07 | 2.44 | 2.54 | 2.63 | 2.67 | 2.75 | 2.88 | 2.98 |
| June 6 | .27 | .50 | .72 | .74 | .74 | .75 | .76 | .76 | .77 | .77 | .77 |
| June 30 | .36 | .65 | 1.05 | 1.46 | 1.67 | 1.82 | 1.85 | 1.87 | 1.94 | 1.98 | 2.03 |
| Oct. 25 | .37 | .67 | 1.28 | 1.62 | 1.88 | 1.90 | 2.26 | 2.32 | 2.32 | 2.32 | 2.32 |
| Dec. 27 | .24 | .40 | .74 | .93 | 1.26 | 1.43 | 1.59 | 1.74 | 1.99 | 2.11 | 2.19 |
| New Orleans, La.: | | | | | | | | | | | |
| Feb. 15 | .36 | .49 | .65 | .75 | .97 | 1.33 | 1.52 | 1.80 | 2.04 | 2.21 | 2.64 |
| May 15 | .55 | 1.03 | 1.65 | 1.99 | 2.36 | 2.37 | 2.39 | 2.41 | 2.42 | 2.53 | 2.57 |
| May 20 | .50 | .87 | 1.16 | 1.28 | 1.33 | 1.34 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 |
| June 9 | .32 | .54 | .78 | .82 | .86 | .86 | .86 | .87 | 1.09 | 1.09 | 1.10 |
| June 22 | .46 | .90 | 1.53 | 2.19 | 2.80 | 3.45 | 4.09 | 4.39 | 4.53 | 4.71 | 4.75 |
| June 25 | .38 | .71 | .94 | .98 | 1.03 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 |
| July 10 | .27 | .52 | .82 | .98 | 1.04 | 1.05 | 1.09 | 1.12 | 1.16 | 1.17 | 1.19 |
| July 26 | .38 | .69 | 1.26 | 1.65 | 2.26 | 2.79 | 3.30 | 3.38 | 3.38 | 3.38 | 3.38 |
| Aug. 10 | .45 | .65 | .92 | 1.00 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.10 |
| Aug. 21 | .39 | .56 | .72 | .81 | .92 | 1.18 | 1.46 | 1.82 | 1.82 | .86 | 1.88 |
| Sept. 26 | .27 | .47 | .64 | .77 | .85 | .94 | 1.18 | 1.32 | 1.40 | 1.48 | 1.53 |
| WEST GULF STATES | | | | | | | | | | | |
| Shreveport, La.: | | | | | | | | | | | |
| Apr. 8 | .31 | .47 | .74 | .87 | .98 | 1.04 | 1.13 | 1.16 | 1.18 | 1.20 | 1.25 |
| Apr. 25 | .57 | .97 | 1.14 | 1.29 | 2.14 | 2.46 | 3.40 | 3.73 | 4.01 | 4.49 | 4.76 |
| May 17 | .39 | .52 | .59 | .66 | .80 | 1.18 | 1.44 | 1.48 | 1.48 | 1.48 | 1.49 |
| May 18 | .22 | .39 | .63 | 1.00 | 1.32 | 1.58 | 1.71 | 1.90 | 2.04 | 2.17 | 2.26 |
| June 13 | .43 | .70 | .83 | .86 | .86 | .86 | .86 | .88 | .89 | 1.12 | 1.16 |
| June 14 | .24 | .47 | .71 | .75 | .78 | .78 | .80 | .83 | .84 | .85 | .85 |
| Aug. 19 | .30 | .47 | .75 | .97 | 1.12 | 1.19 | 1.21 | 1.21 | 1.22 | 1.22 | 1.23 |
| Aug. 23 | .25 | .47 | .87 | 1.30 | 1.83 | 2.09 | 2.30 | 2.36 | 2.43 | 2.60 | 2.71 |
| Aug. 31 | .35 | .66 | .97 | .99 | .99 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 |
| Fort Smith, Ark.: | | | | | | | | | | | |
| May 5 | .35 | .64 | .95 | 1.16 | 1.21 | 1.22 | 1.32 | 1.36 | 1.62 | 1.75 | 1.75 |
| May 17 | .45 | .60 | .61 | .65 | .66 | .66 | .66 | .66 | .66 | .66 | .66 |
| Aug. 9 | .42 | .76 | 1.10 | 1.14 | 1.14 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| Sept. 6 | .30 | .57 | .72 | .77 | .92 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 |
| Little Rock, Ark.: | | | | | | | | | | | |
| Oct. 30 | .27 | .50 | .67 | .77 | .81 | .82 | .85 | .89 | .92 | 1.18 | 1.32 |
| Austin, Tex.: | | | | | | | | | | | |
| Apr. 7–8 | .27 | .46 | .71 | .89 | 1.10 | 1.23 | 1.62 | 1.69 | 1.75 | 1.86 | 1.94 |
| Sept. 3 | .58 | .89 | 1.38 | 1.53 | 1.69 | 1.71 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 |
| Brownsville, Tex.: | | | | | | | | | | | |
| June 22 | .66 | 1.26 | 2.12 | 2.53 | 2.74 | 2.82 | 2.90 | 2.96 | 3.02 | 3.56 | 4.17 |
| June 30 | .37 | .61 | .93 | 1.10 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 |
| Corpus Christi, Tex.: | | | | | | | | | | | |
| Feb. 9 | .24 | .37 | .72 | .80 | .82 | .82 | .82 | .82 | .82 | .83 | .83 |
| Feb. 14 | .35 | .56 | .71 | .75 | .85 | .95 | .99 | 1.01 | 1.08 | 1.11 | 1.33 |
| June 7 | .32 | .54 | .61 | .62 | .62 | .62 | .62 | .62 | .62 | .62 | .62 |
| July 27 | .34 | .61 | .87 | 1.00 | 1.05 | 1.17 | 1.19 | 1.31 | 1.46 | 1.53 | 1.54 |
| Sept. 20 | .25 | .46 | .83 | 1.01 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 |
| Dallas, Tex.: | | | | | | | | | | | |
| Apr. 7 | .29 | .46 | .71 | .77 | .81 | .85 | .92 | .98 | 1.03 | 1.07 | 1.10 |
| Apr. 19–20 | .42 | .77 | .95 | 1.23 | 1.43 | 1.59 | 1.80 | 1.93 | 1.95 | 2.05 | 2.10 |
| Apr. 27 | .35 | .53 | .60 | .61 | .62 | .62 | .62 | .62 | .62 | .62 | .62 |
| Aug. 16 | .17 | .31 | .55 | .79 | 1.05 | 1.16 | 1.27 | 1.30 | 1.31 | 1.37 | 1.38 |
| Sept. 6–7 | .26 | .46 | .82 | 1.20 | 1.61 | 1.78 | 1.82 | 1.87 | 1.92 | 2.02 | 2.03 |
| Oct. 16 | .24 | .40 | .66 | 1.03 | 1.32 | 1.59 | 1.83 | 1.99 | 2.07 | 2.19 | 2.28 |
| Fort Worth, Tex.: | | | | | | | | | | | |
| Apr. 7 | .34 | .55 | .65 | .71 | .82 | .84 | .87 | .89 | .89 | .90 | .91 |
| Apr. 19–20 | .39 | .65 | .96 | 1.36 | 1.71 | 2.25 | 2.80 | 2.92 | 3.08 | 3.12 | 3.20 |
| Apr. 24 | .63 | .99 | 1.27 | 1.42 | 1.50 | 1.55 | 1.56 | 1.68 | 1.76 | 1.85 | 1.86 |
| June 15 | .32 | .49 | .90 | 1.15 | 1.34 | 1.45 | 1.57 | 1.63 | 1.66 | 1.73 | 1.82 |
| Aug. 11 | .43 | .67 | .81 | .84 | .86 | .86 | .87 | .87 | .88 | .88 | .89 |
| Aug. 24 | .41 | .77 | .94 | 1.22 | 1.41 | 1.44 | 1.45 | 1.47 | 1.50 | 1.53 | 1.54 |
| Sept. 6 | .37 | .65 | 1.05 | 1.64 | 1.68 | 1.68 | 1.72 | 1.73 | 1.73 | 1.73 | 1.73 |
| Galveston, Tex.: | | | | | | | | | | | |
| Feb. 14–15 | .20 | .37 | .61 | .92 | 1.28 | 1.56 | 1.71 | 1.87 | 1.95 | 2.31 | 2.59 |
| Mar. 1 | .35 | .50 | .65 | .75 | .86 | .94 | .99 | 1.02 | 1.11 | 1.21 | 1.29 |
| June 15 | .37 | .58 | .78 | .91 | .95 | 1.00 | 1.04 | 1.05 | 1.08 | 1.08 | 1.09 |
| July 1 | .35 | .58 | 1.07 | 1.49 | 2.07 | 2.45 | 3.19 | 3.34 | 3.35 | 3.36 | 3.37 |
| July 3 | .47 | .79 | 1.40 | 1.51 | 1.51 | 1.52 | 1.52 | 1.52 | 1.52 | 1.52 | 1.52 |
| July 5 | .37 | .53 | .83 | 1.03 | 1.14 | 1.38 | 1.71 | 1.80 | 1.88 | 2.03 | 2.09 |
| July 6 | .68 | 1.10 | 1.39 | 1.44 | 1.46 | 1.46 | 1.46 | 1.47 | 1.47 | 1.47 | 1.47 |
| Oct. 28 | .22 | .40 | .72 | .99 | 1.43 | 1.49 | 1.80 | 1.88 | 1.92 | 2.12 | 2.23 |
| Nov. 28 | .35 | .67 | 1.20 | 1.66 | 2.02 | 2.15 | 2.17 | 2.34 | 2.38 | 2.50 | 2.55 |

See footnotes at end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1942 at all stations furnished with self-registering gages*—Continued

| Stations and dates | Maximum amounts of precipitation, inches (5 to 180 minutes) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
| WEST GULF STATES—continued | | | | | | | | | | | |
| Houston, Tex.: | | | | | | | | | | | |
| Apr. 24 | 0.29 | 0.56 | 0.86 | 1.05 | 1.22 | 1.25 | 1.26 | 1.27 | 1.27 | 1.32 | 1.33 |
| June 19 | .23 | .42 | .75 | .86 | .89 | .89 | .90 | .90 | .90 | .91 | .91 |
| July 4 | .28 | .51 | .80 | .95 | 1.00 | 1.25 | 1.27 | 1.38 | 1.55 | 1.56 | 1.57 |
| July 6 | .32 | .53 | .79 | .82 | .84 | .86 | .90 | .93 | .96 | .99 | 1.06 |
| July 22 | .44 | .77 | .91 | .92 | .92 | .92 | .92 | 1.06 | 1.06 | 1.07 | 1.07 |
| July 29 | .30 | .43 | .75 | .95 | 1.07 | 1.11 | 1.12 | 1.12 | 1.12 | 1.12 | 1.12 |
| Sept. 6 | .29 | .54 | .74 | .82 | .87 | .87 | .87 | .87 | .87 | .87 | 1.02 |
| Dec. 21 | .32 | .49 | .74 | .80 | .95 | 1.01 | 1.04 | 1.06 | 1.16 | 1.19 | 1.21 |
| Palestine, Tex.: | | | | | | | | | | | |
| Apr. 7–8 | .36 | .56 | .81 | 1.03 | 1.20 | 1.33 | 1.41 | 1.41 | 1.42 | 1.91 | 2.10 |
| May 18 | .33 | .63 | 1.06 | 1.36 | 1.62 | 1.78 | 2.05 | 2.30 | 2.79 | 3.08 | 3.50 |
| Dec. 26 | .36 | .47 | .73 | .86 | .94 | .99 | 1.01 | 1.11 | 1.17 | 1.23 | 1.27 |
| Port Arthur, Tex.: | | | | | | | | | | | |
| Apr. 7 | .36 | .55 | .76 | 1.10 | 1.46 | 1.71 | 2.01 | 2.30 | 2.65 | 2.71 | 2.86 |
| Apr. 8 | .31 | .42 | .55 | .80 | 1.09 | 1.43 | 1.92 | 2.17 | 2.47 | 2.61 | 2.79 |
| Apr. 20 | .23 | .39 | .73 | 1.04 | 1.44 | 1.66 | 1.75 | 1.94 | 2.08 | 2.34 | 2.39 |
| May 12 | .52 | .86 | 1.13 | 1.19 | 1.21 | 1.22 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 |
| June 3 | .32 | .54 | .83 | .94 | .98 | .99 | .99 | .99 | .99 | .99 | .99 |
| June 7 | .34 | .47 | .85 | .95 | 1.23 | 1.38 | 1.44 | 1.48 | 1.56 | 1.57 | 1.57 |
| June 8 | .35 | .70 | 1.10 | 1.42 | 1.51 | 1.52 | 1.52 | 1.52 | 1.52 | 1.52 | 1.52 |
| June 11 | .25 | .50 | .93 | 1.16 | 1.42 | 1.65 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 |
| June 14 | .51 | .87 | 1.27 | 1.31 | 1.33 | 1.33 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 |
| June 21 | .32 | .60 | 1.10 | 1.52 | 1.97 | 2.29 | 2.39 | 2.41 | 2.41 | 2.41 | 2.41 |
| July 15 | .31 | .56 | .83 | .86 | .87 | .87 | .88 | .88 | .88 | .88 | .88 |
| July 20 | .29 | .52 | .82 | .98 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 |
| Aug. 3 | .36 | .52 | .57 | .58 | .59 | .59 | .59 | .62 | .63 | .63 | .63 |
| Aug. 21 | .31 | .51 | .68 | .83 | .90 | .99 | 1.05 | 1.12 | 1.25 | 1.47 | 1.57 |
| Aug. 27 | .42 | .70 | 1.11 | 1.21 | 1.25 | 1.26 | 1.27 | 1.30 | 1.30 | 1.32 | 1.32 |
| Sept. 17 | .29 | .57 | .87 | .91 | 1.35 | 1.52 | 1.77 | 1.90 | 1.99 | 2.01 | 2.01 |
| Dec. 21–22 | .26 | .50 | .79 | 1.26 | 1.47 | 1.58 | 1.78 | 2.04 | 2.14 | 2.71 | 2.77 |
| San Antonio, Tex.: | | | | | | | | | | | |
| July 5 | .18 | .34 | .55 | .80 | 1.23 | 1.55 | 1.71 | 1.82 | 1.98 | 2.25 | 2.60 |
| Sept. 4 | .33 | .59 | 1.06 | 1.40 | 1.70 | 2.06 | 2.41 | 2.87 | 3.61 | 3.87 | 3.95 |
| Sept. 7 | .32 | .50 | .59 | .63 | .71 | .80 | .90 | .91 | .92 | .99 | 1.06 |
| Oct. 4 | .38 | .68 | 1.06 | 1.33 | 1.82 | 2.34 | 2.84 | 3.18 | 3.62 | 3.91 | 4.26 |
| Oct. 15 | .30 | .48 | .74 | .93 | 1.05 | 1.11 | 1.14 | 1.15 | 1.15 | 1.16 | 1.16 |
| Oct. 18 | .28 | .47 | .70 | 1.00 | 1.26 | 1.44 | 1.63 | 1.89 | 2.50 | 2.68 | 2.72 |
| OHIO VALLEY AND TENNESSEE | | | | | | | | | | | |
| Chattanooga, Tenn.: | | | | | | | | | | | |
| Mar. 16–17 | .46 | .59 | .67 | .86 | .95 | .99 | 1.04 | 1.08 | 1.20 | 1.28 | 1.37 |
| May 19 | .47 | .66 | .72 | .73 | .75 | .75 | .76 | .77 | .77 | .77 | .78 |
| June 2 | .38 | .53 | .92 | 1.10 | 1.13 | 1.14 | 1.14 | 1.15 | 1.15 | 1.15 | 1.15 |
| June 8 | .30 | .38 | .41 | .41 | .41 | .44 | .49 | .49 | .49 | .53 | .54 |
| June 28 | .34 | .37 | .38 | .38 | .38 | .38 | .38 | .38 | .38 | .38 | .38 |
| July 4 | .27 | .51 | .69 | .69 | .69 | .69 | .69 | .69 | .69 | .69 | .69 |
| July 31 | .28 | .43 | .70 | .75 | .78 | .78 | .78 | .81 | 1.04 | 1.06 | 1.10 |
| Knoxville, Tenn.: | | | | | | | | | | | |
| July 8 | .47 | .79 | 1.17 | 1.39 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.78 |
| July 8–9 | .25 | .51 | .73 | .90 | 1.01 | 1.06 | 1.15 | 1.23 | 1.25 | 1.37 | 1.43 |
| July 9 | .37 | .62 | .88 | .97 | 1.00 | 1.03 | 1.06 | 1.08 | 1.12 | 1.15 | 1.15 |
| July 14 | .30 | .51 | .62 | .70 | .74 | .74 | .74 | .74 | .74 | .75 | .75 |
| Aug. 3 | .28 | .50 | .88 | 1.18 | 1.64 | 1.86 | 2.15 | 2.47 | 2.72 | 2.85 | 2.88 |
| Aug. 23 | .32 | .51 | .74 | 1.07 | 1.14 | 1.18 | 1.20 | 1.20 | 1.20 | 1.21 | 1.21 |
| Memphis, Tenn.: | | | | | | | | | | | |
| July 11 | .32 | .54 | .73 | .78 | .80 | .80 | .80 | .80 | .80 | .80 | .80 |
| Nashville, Tenn.: | | | | | | | | | | | |
| Apr. 9 | .31 | .51 | .87 | 1.05 | 1.14 | 1.19 | 1.26 | 1.35 | 1.42 | 1.50 | 1.56 |
| Aug. 11 | .45 | .72 | 1.15 | 1.35 | 1.47 | 1.56 | 1.61 | 1.63 | 1.67 | 1.67 | 1.67 |
| Louisville, Ky.: | | | | | | | | | | | |
| June 4 | .21 | .35 | .61 | .68 | .75 | .77 | .78 | .79 | .79 | .80 | .81 |
| June 7 | .43 | .58 | .89 | .95 | .96 | .96 | .96 | .96 | .96 | .96 | .96 |
| June 13 | .16 | .28 | .42 | .44 | .46 | .47 | .47 | .47 | .48 | .48 | .48 |
| June 18 | .25 | .44 | .63 | .67 | .77 | .81 | .82 | .82 | .82 | .82 | .82 |
| June 19 | .22 | .42 | .61 | .70 | .88 | .98 | 1.01 | 1.02 | 1.02 | 1.02 | 1.02 |
| June 30 | .33 | .58 | .68 | .71 | .76 | .76 | .80 | .80 | .82 | .82 | .82 |
| July 6 | .33 | .53 | 1.02 | 1.19 | 1.41 | 1.47 | 1.47 | 1.47 | 1.47 | 1.47 | 1.47 |
| Aug. 7 | .39 | .60 | .98 | 1.05 | 1.13 | 1.13 | 1.16 | 1.16 | 1.36 | 1.38 | 1.40 |
| Aug. 20 | .32 | .48 | .83 | 1.00 | 1.08 | 1.09 | 1.08 | 1.10 | 1.10 | 1.11 | 1.11 |
| Sept. 3 | .33 | .55 | .75 | .92 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Sept. 17 | .24 | .39 | .62 | .77 | .83 | .84 | .85 | .86 | .97 | .97 | .97 |
| Nov. 21 | .15 | .27 | .45 | .57 | .73 | .82 | 1.00 | 1.20 | 1.24 | 1.24 | 1.24 |
| Evansville, Ind.: | | | | | | | | | | | |
| May 3 | .35 | .43 | .56 | .75 | 1.11 | 1.21 | 1.26 | 1.53 | 1.54 | 1.62 | 1.95 |
| June 21 | .42 | .61 | .72 | .74 | 1.05 | 1.35 | 1.41 | 1.45 | 1.49 | 1.51 | 1.52 |
| Aug. 23 | .19 | .30 | .42 | .60 | .78 | .91 | 1.16 | 1.28 | 1.36 | 1.46 | 1.53 |
| Nov. 17 | .28 | .37 | .45 | .48 | .50 | .52 | .53 | .57 | .66 | .78 | .80 |
| Indianapolis, Ind.: | | | | | | | | | | | |
| Mar. 16 | .28 | .40 | .70 | .81 | .83 | .83 | .89 | .93 | .94 | .95 | .95 |
| May 2 | .18 | .33 | .54 | .61 | .63 | .63 | .65 | .65 | .65 | .65 | .65 |
| May 3 | .21 | .30 | .59 | .43 | .45 | .51 | .56 | .62 | .68 | .76 | .84 |
| May 15 | .30 | .42 | .47 | .48 | .56 | .60 | .65 | .68 | .70 | .70 | .70 |
| June 8 | .23 | .43 | .78 | .93 | 1.06 | 1.10 | 1.15 | 1.19 | 1.23 | 1.25 | 1.26 |
| June 19 | .26 | .39 | .65 | .75 | 1.03 | 1.15 | 1.37 | 1.56 | 1.66 | 1.69 | 1.70 |
| July 6 | .26 | .34 | .42 | .47 | .48 | .50 | .52 | .52 | .54 | .61 | .64 |
| Sept. 8 | .23 | .42 | .63 | .68 | .69 | .69 | .70 | .72 | .74 | .76 | .77 |
| Sept. 15 | .23 | .33 | .34 | .35 | .46 | .57 | .67 | .69 | .69 | .69 | .69 |
| Terre Haute, Ind.: | | | | | | | | | | | |
| May 3 | .26 | .30 | .32 | .35 | .43 | .51 | .56 | .61 | .67 | .75 | .78 |
| June 6–7 | .29 | .50 | .60 | .63 | .66 | .69 | .71 | .72 | .72 | .73 | .74 |
| June 13 | .19 | .39 | .58 | .85 | 1.09 | 1.16 | 1.29 | 1.34 | 1.37 | 1.44 | 1.47 |
| June 25 | .23 | .32 | .56 | .76 | 1.04 | 1.18 | 1.37 | 1.42 | 1.50 | 1.61 | 1.72 |
| July 10 | .26 | .39 | .57 | .62 | .63 | .65 | .70 | .73 | .74 | .76 | .76 |
| July 19 | .25 | .29 | .30 | .31 | .57 | .62 | .63 | .63 | .63 | .63 | .63 |
| July 27 | .30 | .50 | .86 | 1.04 | 1.11 | 1.13 | 1.13 | 1.14 | 1.14 | 1.15 | 1.16 |
| Sept. 8 | .48 | .67 | .72 | .78 | .85 | .86 | .86 | .86 | .87 | .88 | .90 |
| Nov. 17 | .30 | .40 | .51 | .66 | .87 | 1.06 | 1.28 | 1.61 | 1.90 | 2.33 | 2.66 |

See footnotes at end of table.

| Stations and dates | Maximum amounts of precipitation, inches (5 to 180 minutes) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
| OHIO VALLEY AND TENNESSEE—COD. | | | | | | | | | | | |
| Cincinnati, Ohio: | | | | | | | | | | | |
| May 14 | 0.19 | 0.35 | 0.53 | 0.61 | 0.68 | 0.71 | 0.74 | 0.77 | 0.77 | 0.78 | 0.78 |
| June 21 | .35 | .61 | .96 | 1.07 | 1.16 | 1.20 | 1.23 | 1.25 | 1.26 | 1.26 | 1.26 |
| July 13 | .40 | .66 | .82 | 1.07 | 1.14 | 1.29 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 |
| Aug. 7 | .16 | .27 | .42 | .47 | .49 | .49 | .49 | .50 | .50 | .52 | .53 |
| Aug. 9 | .34 | .56 | .64 | .65 | .65 | .65 | .65 | .65 | .65 | .65 | .65 |
| Aug. 10 | .33 | .47 | .53 | .56 | .58 | .58 | .59 | .59 | .59 | .59 | .59 |
| Aug. 21 | .22 | .33 | .36 | .41 | .45 | .46 | .47 | .48 | .50 | .50 | .50 |
| Aug. 29 | .24 | .45 | .63 | .85 | 1.08 | 1.27 | 1.45 | 1.63 | 1.63 | 1.63 | 1.63 |
| Sept. 9 | .30 | .37 | .44 | .48 | .50 | .54 | .57 | .58 | .59 | .59 | .60 |
| Nov. 10 | .30 | .34 | 1.43 | 1.50 | 1.55 | 1.60 | (2) | (2) | 1.75 | (2) | 1.07 |
| Columbus, Ohio: | | | | | | | | | | | |
| June 22 | .27 | .47 | .54 | .59 | .62 | .65 | 1.09 | 1.15 | 1.16 | 1.17 | 1.17 |
| Dayton, Ohio: | | | | | | | | | | | |
| June 21 | .21 | .39 | .56 | .80 | 1.18 | 1.41 | 1.58 | 1.61 | 1.64 | 1.65 | 1.65 |
| July 6 | .28 | .31 | .32 | .32 | .34 | .35 | .37 | .38 | .40 | .41 | .41 |
| July 21 | .29 | .50 | .62 | .62 | .63 | .63 | .63 | .63 | .63 | .63 | .63 |
| Sept. 19 | .33 | .51 | .59 | .61 | .62 | .62 | .62 | .62 | .62 | .62 | .62 |
| Elkins, W. Va.: | | | | | | | | | | | |
| June 8 | .25 | .39 | .67 | .94 | 1.25 | 1.47 | 1.67 | 1.70 | 1.73 | 1.74 | 1.74 |
| June 30 | .20 | .31 | .40 | .41 | .41 | .41 | .41 | .41 | .44 | .53 | .59 |
| July 6 | .27 | .33 | .35 | .38 | .41 | .43 | .43 | .43 | .43 | .43 | .43 |
| July 6 | .23 | .31 | .41 | .46 | .49 | .51 | .54 | .63 | .66 | .66 | .66 |
| July 20 | .17 | .28 | .43 | .52 | .52 | .52 | .52 | .57 | .58 | .58 | .58 |
| July 26 | .31 | .56 | .61 | .70 | .70 | .71 | .71 | .71 | .71 | 1.01 | 1.01 |
| July 30 | .31 | .47 | .65 | .74 | .83 | 1.02 | 1.42 | 1.47 | 1.47 | 1.47 | 1.47 |
| Aug. 3 | .46 | .73 | 1.21 | 1.44 | 1.70 | 1.79 | 1.80 | 1.83 | 1.83 | 1.84 | 1.84 |
| Aug. 12 | .22 | .32 | .61 | .70 | .80 | .86 | .93 | .93 | .94 | .97 | .98 |
| Aug. 13 | .34 | .55 | .58 | .58 | .58 | .58 | .58 | .58 | .58 | .58 | .58 |
| Parkersburg, W. Va.: | | | | | | | | | | | |
| May 15 | .19 | .34 | .38 | .41 | .42 | .42 | .42 | .42 | .42 | .42 | .42 |
| June 13 | .41 | .59 | .62 | .63 | .64 | .64 | .64 | .64 | .64 | .64 | .64 |
| June 18–19 | .18 | .29 | .35 | .38 | .42 | .43 | .44 | .48 | .51 | .52 | .54 |
| June 19–20 | .25 | .38 | .62 | .68 | .70 | .70 | .71 | .86 | .93 | .94 | .94 |
| July 10 | .33 | .51 | .67 | .74 | .78 | .84 | .99 | 1.05 | 1.12 | 1.17 | 1.19 |
| July 22 | .23 | .42 | .60 | .61 | .62 | .62 | .62 | .62 | .62 | .62 | .62 |
| Aug. 1 | .24 | .43 | .54 | .60 | .76 | .76 | .76 | .76 | .76 | .76 | .76 |
| Aug. 8 | .27 | .38 | .50 | .50 | .51 | .51 | .54 | .60 | .63 | .80 | .81 |
| Aug. 9 | .25 | .36 | .41 | .42 | .43 | .43 | .43 | .44 | .44 | .44 | .44 |
| Aug. 16 | .31 | .38 | .46 | .60 | .79 | .84 | .84 | .86 | .87 | .87 | .87 |
| Sept. 8 | .16 | .30 | .36 | .41 | .41 | .44 | .45 | .45 | .45 | .45 | .45 |
| Pittsburgh, Pa.: | | | | | | | | | | | |
| May 31 | .27 | .39 | .44 | .44 | .45 | .46 | .46 | .46 | .46 | .46 | .46 |
| June 12 | .25 | .44 | .65 | .72 | .73 | .75 | .79 | .87 | .88 | .88 | .88 |
| June 20–21 | .35 | .39 | .41 | .45 | .50 | .53 | .54 | .55 | .61 | .79 | .81 |
| July 13 | .25 | .37 | .43 | .54 | .57 | .58 | .58 | .58 | .58 | .58 | .58 |
| July 31 | .23 | .41 | .73 | .96 | 1.17 | 1.22 | 1.47 | 2.05 | 2.08 | 2.08 | 2.08 |
| LOWER LAKE REGION | | | | | | | | | | | |
| Buffalo, N. Y.: | | | | | | | | | | | |
| July 17 | .25 | .35 | .56 | .71 | .86 | .91 | 1.02 | 1.15 | 1.17 | 1.18 | 1.19 |
| Aug. 16 | .28 | .48 | .77 | .82 | .84 | .85 | .85 | .85 | .85 | .85 | .85 |
| Sept. 9 | .12 | .23 | .40 | .55 | .74 | .89 | .95 | .99 | 1.02 | 1.04 | 1.06 |
| Canton, N. Y.: | | | | | | | | | | | |
| July 6 | .22 | .31 | .43 | .47 | .47 | .47 | .47 | .47 | .47 | .47 | .47 |
| July 23 | .37 | .56 | .83 | .87 | .88 | .88 | .88 | .88 | .88 | .88 | .88 |
| July 29 | .14 | .22 | .38 | .49 | .73 | .92 | 1.06 | 1.13 | 1.16 | 1.17 | 1.20 |
| Sept. 15–16 | .23 | .30 | .47 | .50 | .50 | .50 | .62 | .64 | .68 | .69 | .69 |
| Ithaca, N. Y.: | | | | | | | | | | | |
| Mar. 16–17 | .22 | .38 | .46 | .49 | .66 | .75 | .82 | .90 | .98 | 1.02 | 1.07 |
| May 22 | .23 | .32 | .45 | .54 | .58 | .63 | .67 | .74 | .77 | .77 | .77 |
| June 30–July 1 | .15 | .24 | .41 | .54 | .57 | .58 | .59 | .62 | .65 | .69 | .69 |
| July 17 | .31 | .41 | .44 | .52 | .60 | .79 | .90 | .94 | .96 | 1.19 | 1.38 |
| Aug. 13 | .19 | .39 | .75 | .89 | .95 | 1.08 | 1.15 | 1.28 | 1.33 | 1.35 | 1.41 |
| Aug. 16 | .30 | .59 | .91 | 1.07 | 1.10 | 1.11 | 1.12 | 1.13 | 1.13 | 1.20 | 1.26 |
| Oswego, N. Y.: | | | | | | | | | | | |
| June 30 | .21 | .41 | .53 | .65 | .72 | .78 | .79 | .79 | .79 | .81 | .81 |
| July 17 | .36 | .58 | .72 | .82 | .87 | .89 | .91 | .92 | .92 | .92 | .93 |
| Aug. 16 | .31 | .45 | .49 | .50 | .53 | .64 | .70 | .71 | .72 | .72 | .72 |
| Rochester, N. Y.: | | | | | | | | | | | |
| May 30–31 | .25 | .37 | .41 | .44 | .52 | .60 | .69 | .75 | .83 | .88 | .90 |
| July 17 | .25 | .36 | .66 | .82 | .90 | .92 | .93 | 1.01 | 1.06 | 1.08 | 1.22 |
| Aug. 9 | .29 | .50 | .66 | .72 | .78 | .80 | .81 | .82 | .82 | .82 | .81 |
| Syracuse, N. Y.: | | | | | | | | | | | |
| June 19 | .31 | .48 | .52 | .52 | .52 | .52 | .52 | .52 | .52 | .52 | .52 |
| July 17 | .20 | .30 | .51 | .54 | .58 | .63 | .65 | .66 | .66 | .68 | .70 |
| July 19 | .16 | .24 | .42 | .48 | .66 | .68 | .68 | .68 | .68 | .68 | .68 |
| Sept. 19–20 | .28 | .33 | .34 | .35 | .46 | .47 | .48 | .49 | .49 | .49 | .53 |
| Erie, Pa.: | | | | | | | | | | | |
| Mar. 16 | .28 | .40 | .45 | .62 | .74 | .76 | .79 | .82 | .87 | .88 | .89 |
| May 3 | .20 | .34 | .40 | .42 | .47 | .50 | .52 | .53 | .53 | .53 | .53 |
| July 5 | .26 | .31 | .36 | .38 | .39 | .39 | .39 | .39 | .39 | .39 | .39 |
| Aug. 9 | .23 | .41 | .44 | .44 | .45 | .45 | .45 | .45 | .45 | .45 | .45 |
| Aug. 22 | .47 | .87 | 1.27 | 1.45 | 1.48 | 1.49 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| Sept. 8 | .24 | .44 | .79 | .97 | 1.11 | 1.14 | 1.37 | 1.41 | 1.70 | 1.93 | 1.93 |
| Sept. 19 | .51 | .88 | 1.27 | 1.30 | 1.36 | 1.38 | 1.38 | 1.43 | 1.43 | 1.44 | 1.46 |
| Cleveland, Ohio: | | | | | | | | | | | |
| June 20 | .20 | .33 | .45 | .62 | .78 | .91 | 1.09 | 1.21 | 1.23 | 1.30 | 1.40 |
| June 22 | .22 | .35 | .45 | .55 | .65 | .67 | .67 | .67 | .67 | .67 | .67 |
| July 30 | .37 | .41 | .63 | .68 | .97 | 1.18 | 1.23 | 1.29 | 1.31 | 1.35 | 1.40 |
| Aug. 9 | .25 | .28 | .29 | .30 | .44 | .56 | .69 | .70 | .71 | .71 | .71 |
| Aug. 15 | .24 | .38 | .44 | .45 | .45 | .45 | .45 | .45 | .45 | .45 | .69 |
| Sandusky, Ohio: | | | | | | | | | | | |
| June 20 | .29 | .45 | .54 | .57 | .57 | .60 | .61 | .62 | .66 | .78 | .89 |
| June 22 | .22 | .41 | .66 | .94 | 1.20 | 1.31 | 1.53 | 1.56 | 1.56 | 1.59 | 1.59 |
| July 30 | .43 | .74 | .99 | 1.09 | 1.36 | 1.52 | 2.36 | 2.49 | 2.53 | 2.55 | 2.58 |
| Aug. 9 | .27 | .43 | .64 | .69 | .73 | .75 | .80 | .83 | .85 | .85 | .85 |

TABLE 14.—*Maximum precipitation for stated intervals during 1942 at all stations furnished with self-registering gages*—Continued

| Stations and dates | Maximum amounts of precipitation, inches (5 to 180 minutes) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
| **LOWER LAKE REGION—continued** | | | | | | | | | | | |
| Toledo, Ohio: | | | | | | | | | | | |
| Mar. 16 | 0.20 | 0.34 | 0.45 | 0.49 | 0.52 | 0.57 | 0.68 | 0.71 | 0.73 | 0.74 | 0.74 |
| May 31 | .24 | .35 | .38 | .38 | .39 | .41 | .50 | .54 | .54 | .54 | .54 |
| June 20 | .27 | .45 | .52 | .62 | .64 | .64 | .65 | .67 | .74 | .78 | 1.24 |
| July 30 | .20 | .29 | .40 | .52 | .58 | .70 | .82 | .87 | .90 | 1.00 | 1.00 |
| Aug. 9 | .34 | .59 | .80 | .82 | .83 | .85 | .86 | .88 | .90 | .93 | .93 |
| Fort Wayne, Ind.: | | | | | | | | | | | |
| June 6 | .45 | .74 | 1.09 | 1.49 | 1.89 | 1.96 | 1.98 | 1.99 | 1.99 | 1.99 | 2.47 |
| June 20 | .38 | .62 | .73 | .99 | 1.24 | 1.72 | 1.74 | 1.80 | 1.83 | 1.85 | 1.87 |
| July 19 | .26 | .33 | .59 | .82 | 1.04 | 1.32 | 1.66 | 1.80 | 1.94 | 1.94 | 1.95 |
| July 29 | .23 | .32 | .42 | .49 | .50 | .50 | .51 | .51 | .51 | .51 | .51 |
| July 30 | .30 | .43 | .60 | .67 | .76 | .80 | .84 | .88 | .91 | .95 | .96 |
| July 31 | .47 | .73 | 1.09 | 1.29 | 1.31 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 |
| Aug. 7 | .19 | .31 | .42 | .46 | .58 | .74 | .83 | .90 | .94 | 1.00 | 1.03 |
| Aug. 22 | .38 | .59 | .69 | .75 | .75 | .77 | .77 | .77 | .77 | .77 | .90 |
| Sept. 8 | .18 | .34 | .46 | .74 | .97 | 1.06 | 1.09 | 1.11 | 1.28 | 1.31 | 1.31 |
| Sept. 19 | .36 | .56 | .64 | .65 | .65 | .65 | .72 | .76 | .79 | .81 | .81 |
| Detroit, Mich: | | | | | | | | | | | |
| May 15 | .21 | .38 | .47 | .49 | .54 | .59 | .69 | .75 | .77 | .79 | .82 |
| May 30–31 | .14 | .25 | .43 | .54 | .67 | .71 | .76 | .83 | .88 | .90 | .90 |
| July 29 | .24 | .32 | .45 | .67 | .78 | .81 | .86 | .88 | .89 | .89 | .90 |
| Aug. 8 | .31 | .48 | .72 | 1.00 | 1.26 | 1.49 | 1.67 | 1.71 | 1.73 | 1.84 | 1.91 |
| Sept. 8 | .18 | .34 | .57 | .66 | .73 | .75 | .75 | .76 | .76 | .76 | .76 |
| Nov. 9 | .11 | .19 | .39 | .54 | .69 | .81 | .86 | .87 | .91 | .94 | .94 |
| **UPPER LAKE REGION** | | | | | | | | | | | |
| Sault Ste. Marie, Mich.: | | | | | | | | | | | |
| June 6 | .20 | .31 | .43 | .60 | .81 | .91 | 1.03 | 1.11 | 1.24 | 1.37 | 1.39 |
| Aug. 22 | .40 | .73 | .99 | 1.02 | 1.04 | 1.06 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 |
| Sept. 18 | .17 | .27 | .41 | .57 | .72 | .87 | .93 | .93 | .93 | .93 | .93 |
| Escanaba, Mich.: | | | | | | | | | | | |
| June 3 | .23 | .43 | .56 | .59 | .62 | .64 | .69 | .70 | .71 | .71 | .72 |
| July 17 | .40 | .52 | .60 | .63 | .69 | .73 | .74 | .74 | .75 | .83 | .92 |
| Aug. 22 | .18 | .26 | .36 | .57 | .65 | .72 | .78 | .80 | .80 | .80 | .80 |
| Sept. 17 | .22 | .37 | .53 | .57 | .69 | .79 | .83 | .84 | .85 | .85 | .87 |
| Sept. 18 | .19 | .34 | .54 | .61 | .66 | .72 | .82 | .93 | .98 | 1.24 | 1.34 |
| Grand Rapids, Mich.: | | | | | | | | | | | |
| Mar. 16 | .22 | .34 | .50 | .59 | .60 | .61 | .62 | .66 | .66 | .71 | .84 |
| May 11 | .15 | .25 | .43 | .47 | .50 | .50 | .53 | .64 | .79 | .86 | .86 |
| May 29 | .29 | .56 | .74 | .79 | .80 | .80 | .80 | .80 | .80 | .80 | .80 |
| June 18 | .31 | .48 | .53 | .59 | .65 | .70 | .73 | .75 | .75 | .75 | .75 |
| June 16 | .22 | .34 | .39 | .43 | .48 | .50 | .55 | .57 | .58 | .59 | .59 |
| July 28 | .27 | .50 | .87 | 1.17 | 1.22 | 1.22 | 1.25 | 1.28 | 1.30 | 1.33 | 1.33 |
| Aug. 2 | .34 | .60 | .61 | .62 | .64 | .64 | .64 | .64 | .64 | .64 | .64 |
| Aug. 27 | .28 | .46 | .57 | .59 | .60 | .60 | .61 | .78 | .80 | .81 | .81 |
| Sept. 7 | .32 | .51 | .79 | .87 | .92 | .94 | .97 | 1.02 | 1.04 | 1.30 | 1.52 |
| Sept. 19 | .20 | .35 | .47 | .51 | .52 | .53 | .53 | .53 | .53 | .53 | .53 |
| Lansing, Mich.: | | | | | | | | | | | |
| May 15 | .31 | .41 | .45 | .50 | .54 | .59 | .62 | .63 | .63 | .64 | .64 |
| May 29 | .24 | .43 | .62 | .66 | .67 | .67 | .67 | .67 | .67 | .67 | .67 |
| May 31 | .32 | .37 | .49 | .57 | .60 | .66 | .70 | .72 | .78 | .82 | .83 |
| June 1 | .19 | .33 | .43 | .50 | .55 | .57 | .59 | .59 | .60 | .61 | .62 |
| June 20 | .38 | .60 | .67 | .85 | .99 | 1.02 | 1.40 | 1.70 | 1.76 | 1.76 | 1.77 |
| July 28–29 | .23 | .25 | .40 | .45 | .72 | .73 | .75 | .96 | .80 | .84 | .90 |
| Aug. 22 | .21 | .33 | .38 | .43 | .49 | .56 | .58 | .58 | .73 | .73 | .73 |
| Sept. 9 | .25 | .26 | .26 | .26 | .28 | .29 | .29 | .29 | .29 | .29 | .29 |
| Marquette, Mich.: | | | | | | | | | | | |
| Apr. 30 | .23 | .35 | .51 | .61 | .61 | .61 | .62 | .62 | .68 | .68 | .69 |
| July 18 | .37 | .59 | .85 | .91 | .95 | 1.17 | 1.32 | 1.37 | 1.38 | 1.39 | 1.39 |
| Chicago University Observatory, Ill.: | | | | | | | | | | | |
| Mar. 16 | .21 | .27 | .34 | .34 | .45 | .45 | .45 | .45 | .46 | .49 | .52 |
| May 11 | .31 | .39 | .42 | .45 | .45 | .46 | .46 | .46 | .46 | .46 | .48 |
| May 31 | .25 | .41 | .78 | .91 | 1.26 | 1.35 | 1.35 | 1.35 | 1.35 | .137 | 1.40 |
| July 3 | .34 | .57 | .78 | .81 | .82 | .82 | .82 | .82 | .82 | .82 | .82 |
| Aug. 22 | .33 | .49 | .49 | .49 | .49 | .49 | .49 | .49 | .49 | .49 | .49 |
| Sept. 15 | .28 | .35 | .40 | .49 | .54 | .66 | .68 | .68 | .68 | .68 | .68 |
| Green Bay, Wis.: | | | | | | | | | | | |
| May 29 | .35 | .60 | .83 | .93 | 1.05 | 1.25 | 1.28 | 1.29 | 1.31 | 131 | 1.32 |
| June 11 | .27 | .38 | .64 | .79 | .81 | .82 | .91 | .91 | 1.15 | 1.22 | 1.31 |
| June 28 | .25 | .45 | .53 | .77 | .83 | .88 | .88 | .88 | .88 | .88 | .88 |
| Milwaukee, Wis.: | | | | | | | | | | | |
| May 31 | .16 | .28 | .36 | .38 | .45 | .46 | .47 | .47 | .48 | .48 | .48 |
| June 1 | .16 | .31 | .40 | .41 | .41 | .42 | .42 | .43 | .43 | .43 | .43 |
| June 11 | .21 | .26 | .44 | .54 | .55 | .55 | .55 | .55 | .55 | .55 | .55 |
| July 28 | .26 | .50 | .77 | 1.00 | 1.26 | 1.39 | 1.43 | 1.47 | 1.59 | 1.64 | 1.67 |
| Aug. 1 | .32 | .43 | .75 | .85 | 1.03 | 1.05 | 1.15 | 1.19 | 1.49 | 1.57 | 1.58 |
| Aug. 6 | .59 | 1.03 | 1.57 | 1.67 | 1.70 | 1.72 | 1.72 | 1.73 | 1.73 | 1.73 | 1.73 |
| Sept. 15 | .26 | .47 | .60 | .61 | .61 | .61 | .61 | .61 | .61 | .61 | .61 |
| Nov. 9 | .16 | .31 | .43 | .51 | .57 | .60 | .72 | .74 | .75 | .76 | .77 |
| Duluth, Minn.: | | | | | | | | | | | |
| July 16 | .39 | .69 | 1.07 | 1.18 | 1.24 | 1.55 | 1.96 | 2.01 | 2.03 | 2.07 | 2.10 |
| Aug. 29 | .17 | .30 | .56 | .81 | 1.17 | 1.33 | 1.50 | 1.60 | 1.64 | 1.70 | 1.78 |
| **NORTH DAKOTA** | | | | | | | | | | | |
| Bismarck, N. Dak.: | | | | | | | | | | | |
| July 7 | .10 | .21 | .65 | .92 | .94 | .95 | .97 | .97 | .97 | .97 | .97 |
| July 24 | .09 | .32 | .61 | .61 | .63 | .63 | .64 | .64 | .64 | .64 | .64 |
| July 31–Aug. 1 | .20 | .33 | .41 | .43 | .43 | .45 | .47 | .48 | .49 | .49 | .49 |
| Devils Lake, N. Dak.: | | | | | | | | | | | |
| June 27 | .24 | .35 | .44 | .45 | .49 | .60 | .72 | .78 | .82 | .85 | .86 |
| June 27 | .14 | .21 | .33 | .39 | .44 | .49 | .55 | .61 | .61 | .62 | .62 |
| July 25 | .27 | .43 | .51 | .51 | .51 | .51 | .51 | .51 | .51 | .51 | .51 |
| July 29–30 | .40 | .62 | .83 | .87 | .92 | .92 | .94 | 1.00 | 1.05 | 1.09 | 1.12 |
| Aug. 30 | .21 | .30 | .33 | .38 | .42 | .59 | .66 | .66 | .67 | .68 | .69 |
| Fargo, N. Dak.: | | | | | | | | | | | |
| June 4 | .18 | .34 | .49 | .53 | .57 | .62 | .69 | .73 | .73 | .73 | .73 |
| Aug. 4 | .25 | .48 | .57 | .59 | .63 | .66 | .69 | .69 | .71 | .71 | .74 |
| Aug. 26 | .26 | .55 | .72 | .77 | .79 | .79 | .79 | .80 | .80 | .80 | .80 |
| Aug. 29 | .47 | .84 | 1.58 | 1.98 | 2.34 | 2.72 | 2.96 | 3.06 | 3.25 | 3.41 | 3.42 |
| Williston, N. Dak.: | | | | | | | | | | | |
| June 15–16 | .32 | .49 | .67 | .97 | 1.06 | 1.16 | 1.32 | 1.52 | 1.61 | 1.82 | 1.89 |
| June 27 | .17 | .28 | .52 | .64 | .69 | .71 | .73 | .76 | .79 | .80 | .85 |

| Stations and dates | Maximum amounts of precipitation, inches (5 to 180 minutes) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
| **UPPER MISSISSIPPI VALLEY** | | | | | | | | | | | |
| Minneapolis, Minn.: | | | | | | | | | | | |
| Apr. 26 | 0.20 | 0.28 | 0.52 | 0.57 | 0.58 | 0.60 | 0.60 | 0.60 | 0.60 | 0.62 | 0.64 |
| Apr. 30 | .40 | .63 | .78 | .78 | .79 | .80 | .81 | .81 | .81 | .81 | .81 |
| July 12 | .22 | .38 | .45 | .45 | .45 | .45 | .45 | .45 | .45 | .45 | .45 |
| July 25 | .22 | .34 | .46 | .45 | .49 | .49 | .50 | .50 | .50 | .51 | .51 |
| July 28 | .21 | .37 | .51 | .56 | .64 | .71 | .82 | 1.02 | 1.12 | 1.27 | 1.37 |
| Sept. 1 | .20 | .38 | .61 | .84 | 1.15 | 1.34 | 1.48 | 1.58 | 1.62 | 1.68 | 1.79 |
| Sept. 1 | .19 | .30 | .50 | .51 | .51 | .52 | .52 | .52 | .53 | .53 | .54 |
| Sept. 11 | .20 | .36 | .51 | .55 | .56 | .59 | .65 | .71 | .82 | .85 | .85 |
| La Crosse, Wis.: | | | | | | | | | | | |
| Apr. 29 | .24 | .33 | .40 | .42 | .44 | .44 | .44 | .44 | .44 | .44 | .44 |
| May 29 | .25 | .33 | .45 | .48 | .48 | .48 | .48 | .48 | .48 | .48 | .48 |
| June 28 | .41 | .72 | 1.11 | 1.16 | 1.18 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 |
| June 28 | .37 | .57 | 1.06 | 1.14 | 1.16 | 1.26 | 1.52 | 1.68 | 1.74 | 1.75 | 1.75 |
| June 28 | .23 | .37 | .50 | .53 | .56 | .57 | .60 | .63 | .67 | .73 | .75 |
| July 18 | .33 | .49 | .51 | .51 | .51 | .51 | .52 | .52 | .52 | .52 | .52 |
| Aug. 8 | .20 | .33 | .34 | .35 | .38 | .43 | .49 | .52 | .53 | .53 | .54 |
| Sept. 1 | .21 | .35 | .37 | .37 | .73 | .74 | .75 | .75 | .75 | .75 | .75 |
| Sept. 11 | .22 | .31 | .39 | .43 | .43 | .44 | .45 | .46 | .46 | .46 | .46 |
| Sept. 17 | .25 | .41 | .66 | .94 | 1.41 | 1.69 | 1.72 | 1.75 | 1.77 | 1.79 | 1.80 |
| Sept. 18 | .48 | .62 | .68 | .69 | .71 | .85 | .94 | .95 | 1.26 | 1.27 | 1.34 |
| Madison, Wis.: | | | | | | | | | | | |
| June 10 | .20 | .31 | .45 | .60 | .62 | .65 | .69 | .70 | .71 | .71 | .71 |
| June 20 | .30 | .48 | .55 | .62 | .64 | .68 | .73 | .76 | .80 | .80 | .81 |
| July 13 | .32 | .43 | .56 | .58 | .59 | .59 | .60 | .62 | .66 | .66 | .68 |
| July 13 | .24 | .33 | .36 | .39 | .40 | .43 | .48 | .49 | .50 | .52 | .54 |
| July 28 | .25 | .32 | .46 | .48 | .50 | .52 | .52 | .53 | .53 | .53 | .53 |
| Sept. 13 | .13 | .22 | .32 | .52 | .60 | .73 | .81 | .88 | .96 | .94 | .99 |
| Sept. 18 | .34 | .39 | .45 | .46 | .48 | .50 | .53 | .53 | .53 | .53 | .53 |
| Sept. 18 | .25 | .35 | .52 | .68 | .74 | .75 | .75 | .76 | .76 | .80 | .86 |
| Charles City, Iowa: | | | | | | | | | | | |
| May 29 | .21 | .35 | .60 | .62 | .70 | .72 | .72 | .72 | .72 | .72 | .72 |
| May 31 | .56 | .81 | .98 | 1.01 | 1.05 | 1.06 | 1.07 | 1.09 | 1.14 | 1.14 | 1.19 |
| June 28 | .25 | .50 | 1.00 | 1.44 | 1.82 | 2.16 | 2.22 | 2.24 | 2.27 | 2.33 | 2.39 |
| July 9 | .36 | .70 | 1.16 | 1.33 | 1.37 | 1.41 | 1.42 | 1.43 | 1.43 | 1.43 | 1.43 |
| July 13 | .18 | .32 | .52 | .61 | .68 | .69 | .69 | .69 | .69 | .69 | .69 |
| July 13 | .14 | .27 | .49 | .55 | .63 | .70 | .72 | .73 | .73 | .73 | .73 |
| July 15 | .31 | .41 | .47 | .47 | .58 | .82 | .86 | .86 | .86 | .86 | .86 |
| July 18 | .18 | .35 | .59 | .64 | .64 | .64 | .65 | .66 | .68 | .68 | .68 |
| July 30 | .28 | .45 | .59 | .68 | .74 | .86 | .97 | 1.02 | 1.12 | 1.28 | 1.37 |
| Aug. 1 | .34 | .45 | .46 | .46 | .46 | .48 | .48 | .48 | .48 | .48 | .48 |
| Sept. 13 | .36 | .47 | .51 | .54 | .70 | .70 | .71 | .71 | .71 | .89 | .91 |
| Sept. 17 | .30 | .49 | .51 | .52 | .54 | .56 | .62 | .63 | .64 | .65 | .65 |
| Oct. 3 | .52 | .69 | .70 | .81 | .97 | 1.00 | 1.02 | 1.04 | 1.10 | 1.18 | 1.26 |
| Burlington, Iowa: | | | | | | | | | | | |
| June 5 | .33 | .57 | .96 | 1.20 | 1.28 | 1.29 | 1.29 | 1.29 | 1.30 | 1.30 | 1.30 |
| June 11 | .43 | .67 | .92 | 1.14 | 1.17 | 1.18 | 1.19 | 1.19 | 1.20 | 1.21 | 1.22 |
| July 7–8 | .50 | .76 | 1.04 | 1.11 | 1.14 | 1.17 | 1.18 | 1.19 | 1.20 | 1.21 | 1.21 |
| Aug. 27 | .16 | .26 | .43 | .67 | .75 | .75 | .76 | .76 | .76 | .76 | .76 |
| Sept. 7 | .24 | .36 | .50 | .54 | .64 | .72 | .80 | .86 | .87 | .92 | 1.01 |
| Sept. 9 | .28 | .35 | .40 | .45 | .48 | .49 | .50 | .50 | .50 | .50 | .50 |
| Sept. 13 | .27 | .53 | .80 | .93 | .94 | .94 | .94 | .94 | .94 | .94 | .94 |
| Davenport, Iowa: | | | | | | | | | | | |
| June 9 | .26 | .38 | .42 | .44 | .45 | .45 | .49 | .54 | .55 | .57 | .58 |
| July 5 | .55 | .75 | .82 | .84 | .86 | .96 | 1.25 | 1.34 | 1.56 | 2.02 | 2.28 |
| July 13 | .20 | .30 | .45 | .49 | .51 | .51 | .51 | .51 | .52 | .62 | .65 |
| July 26 | .27 | .50 | .81 | .95 | 1.32 | 1.42 | 1.49 | 1.69 | 1.72 | 1.73 | 1.73 |
| Sept. 8 | .37 | .53 | .55 | .56 | .56 | .56 | .56 | .57 | .57 | .57 | .57 |
| Sept. 16 | .29 | .37 | .45 | .48 | .51 | .56 | .57 | .58 | .58 | .58 | .58 |
| Sept. 18 | .31 | .49 | .65 | .71 | .81 | .84 | .87 | .88 | .88 | .88 | .89 |
| Des Moines, Iowa: | | | | | | | | | | | |
| June 10 | .38 | .61 | .99 | 1.18 | 1.48 | 1.59 | 1.63 | 1.81 | 1.94 | 1.97 | 1.97 |
| June 11 | .44 | .25 | .35 | .48 | .71 | .74 | .75 | .77 | .77 | .78 | .78 |
| June 28 | .22 | .38 | .68 | .95 | 1.25 | 1.52 | 1.62 | 1.62 | 1.74 | 1.75 | 1.75 |
| July 14 | .44 | .84 | 1.43 | 1.72 | 2.22 | 2.36 | 2.53 | 2.76 | 2.90 | 2.99 | 3.05 |
| July 25 | .43 | .75 | 1.02 | 1.08 | 1.09 | 1.10 | 1.11 | 1.17 | 1.21 | 1.22 | 1.23 |
| Sept. 13 | .27 | .46 | .69 | .90 | 1.10 | 1.27 | 1.33 | 1.36 | 1.41 | 1.45 | 1.49 |
| Oct. 3 | .14 | .20 | .33 | .44 | .65 | .74 | .82 | .89 | .99 | 1.14 | 1.27 |
| Dubuque, Iowa: | | | | | | | | | | | |
| Apr. 27 | .55 | .90 | 1.45 | 1.81 | 2.28 | 2.30 | 2.31 | 2.31 | 2.31 | 2.31 | 2.36 |
| May 1 | .26 | .47 | .57 | .58 | .61 | .61 | .62 | .62 | .62 | .62 | .62 |
| May 2–3 | .21 | .29 | .47 | .60 | .73 | .77 | .82 | .85 | .90 | .92 | .95 |
| May 31 | .36 | .66 | .99 | 1.22 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 |
| June 2 | .31 | .45 | .56 | .58 | .60 | .63 | .65 | .66 | .66 | .67 | .71 |
| July 9 | .15 | .21 | .37 | .40 | .43 | .48 | .56 | .58 | .59 | .60 | .60 |
| Cairo, Ill.: | | | | | | | | | | | |
| Feb. 6 | .16 | .26 | .40 | .51 | .58 | .62 | .68 | .70 | .71 | .72 | .72 |
| June 6 | .30 | .43 | .50 | .52 | .55 | .56 | .59 | .63 | .66 | .66 | .66 |
| June 13 | .18 | .32 | .48 | .58 | .63 | .70 | .80 | .95 | 1.05 | 1.12 | 1.14 |
| Aug. 23 | .33 | .61 | .93 | 1.03 | 1.15 | 1.21 | 1.24 | 1.32 | 1.50 | 1.81 | 2.09 |
| Sept. 19 | .27 | .29 | .29 | .35 | .48 | .49 | .57 | .57 | .57 | .57 | .57 |
| Peoria, Ill.: | | | | | | | | | | | |
| June 5 | .50 | .77 | 1.13 | 1.35 | 1.49 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 |
| June 25 | .24 | .38 | .53 | .66 | .81 | .85 | .92 | .95 | .97 | 1.02 | 1.24 |
| July 6 | .24 | .40 | .67 | .85 | .89 | 1.08 | 1.36 | 1.40 | 1.56 | 1.62 | 1.63 |
| Aug. 26 | .17 | .32 | .45 | .55 | .60 | .62 | .69 | .69 | .69 | .69 | .69 |
| Sept. 9 | .53 | .62 | .77 | .78 | .78 | .78 | .78 | .78 | .78 | .78 | .78 |
| Springfield, Ill.: | | | | | | | | | | | |
| May 12 | .26 | .29 | .30 | .32 | .32 | .32 | .32 | .32 | .32 | .32 | .32 |
| June 5 | .26 | .39 | .45 | .48 | .49 | .51 | .67 | .81 | .96 | .96 | .97 |
| June 6 | .22 | .41 | .59 | .71 | .78 | .90 | 1.02 | 1.07 | 1.08 | 1.08 | 1.08 |
| July 6 | .28 | .40 | .55 | .58 | .59 | .60 | .61 | .62 | .63 | 1.08 | 1.11 |
| July 8 | .28 | .42 | .49 | .57 | .64 | .67 | .69 | .74 | .82 | .90 | .92 |
| July 9 | .24 | .43 | .80 | 1.08 | 1.46 | 1.56 | 1.59 | 1.63 | 1.67 | 1.71 | 1.71 |
| July 12 | .33 | .38 | .41 | .41 | .41 | .66 | .68 | .76 | .77 | .77 | .77 |
| Oct. 30 | .17 | .32 | .49 | .60 | .77 | .96 | 1.11 | 1.29 | 1.54 | 1.72 | 1.87 |
| Nov. 9 | .21 | .31 | .41 | .49 | .54 | .60 | .66 | .70 | .72 | .73 | .74 |
| St. Louis, Mo.: | | | | | | | | | | | |
| May 2–3 | .24 | .29 | .32 | .50 | .51 | .52 | .60 | .88 | .94 | 1.02 | 1.07 |
| May 31 | .23 | .37 | .49 | .51 | .52 | .53 | .53 | .53 | .53 | .54 | .55 |
| June 9 | .48 | .73 | .85 | .88 | .89 | .90 | .92 | .92 | .92 | .92 | .92 |
| June 26 | .30 | .45 | .61 | .81 | 1.02 | 1.13 | 1.18 | 1.23 | 1.26 | 1.42 | 1.57 |
| July 9 | .60 | 1.00 | 1.40 | 1.47 | 1.60 | 2.07 | 2.65 | 3.15 | 3.32 | 3.77 | 4.14 |
| Aug. 6 | .51 | .70 | .74 | .75 | .75 | .75 | .75 | .75 | .75 | 1.37 | 1.47 |

See footnotes at end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1942 at all stations furnished with self-registering gages*—Continued

| Stations and dates | Maximum amounts of precipitation, inches (5 to 180 minutes) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
| **MISSOURI VALLEY** | | | | | | | | | | | |
| Columbia, Mo.: | | | | | | | | | | | |
| Feb. 5 | 0.28 | 0.36 | 0.39 | 0.39 | 0.39 | 0.40 | 0.60 | 0.65 | 0.66 | 0.70 | 0.71 |
| Mar. 16 | .33 | .58 | .85 | .95 | 1.04 | 1.08 | 1.09 | 1.16 | 1.16 | 1.22 | 1.28 |
| May 2 | .22 | .33 | .38 | .40 | .42 | .43 | .43 | .43 | .48 | .52 | .52 |
| May 9 | .30 | .46 | .63 | .68 | .74 | .77 | .78 | .78 | .78 | .78 | .80 |
| June 6 | .32 | .37 | .45 | .45 | .46 | .46 | .46 | .46 | .46 | .46 | .46 |
| June 18 | .20 | .28 | .43 | .45 | .48 | .52 | .55 | .56 | .58 | .62 | .63 |
| June 25 | .28 | .51 | .81 | 1.05 | 1.31 | 1.38 | 1.43 | 1.57 | 1.62 | 1.68 | 1.88 |
| June 26 | .21 | .36 | .52 | .58 | .60 | .90 | 1.07 | 1.11 | 1.17 | 1.35 | 1.39 |
| July 9 | .41 | .79 | 1.17 | 1.45 | 1.73 | 1.88 | 1.93 | 1.93 | 1.98 | 2.01 | 2.02 |
| Aug. 2 | .17 | .32 | .40 | .47 | .54 | .55 | .55 | .55 | .64 | .84 | .89 |
| Aug. 3 | .21 | .37 | .53 | .54 | .56 | .57 | .58 | .58 | .58 | .58 | .58 |
| Aug. 8 | .35 | .50 | .53 | .53 | .53 | .53 | .53 | .53 | .53 | .53 | .53 |
| Aug. 26 | .30 | .48 | .65 | .69 | .70 | .71 | .71 | .71 | .73 | .75 | .76 |
| Nov. 9 | .24 | .44 | .54 | .70 | .73 | .74 | .76 | .76 | .76 | .76 | .76 |
| Nov. 16 | .27 | .32 | .40 | .43 | .49 | .54 | .57 | .57 | .57 | .57 | .57 |
| Kansas City, Mo.: | | | | | | | | | | | |
| May 2 | .22 | .36 | .37 | .37 | .37 | .38 | .44 | .46 | .62 | .63 | .68 |
| June 19 | .32 | .53 | .96 | 1.20 | 1.25 | 1.25 | 1.25 | 1.27 | 1.27 | 1.28 | 1.28 |
| June 18-19 | .31 | .54 | .90 | 1.13 | 1.27 | 1.29 | 1.34 | 1.38 | 1.41 | 1.48 | 1.58 |
| July 12 | .23 | .32 | .36 | .40 | .47 | .52 | .59 | .66 | .72 | .79 | .80 |
| July 25 | .28 | .41 | .46 | .46 | .47 | .59 | .64 | .70 | .88 | .93 | .96 |
| Aug. 2 | .36 | .58 | .79 | .83 | .87 | .89 | .92 | .99 | 1.00 | 1.00 | 1.00 |
| Aug. 26 | .34 | .62 | .84 | 1.00 | 1.08 | 1.10 | 1.11 | 1.14 | 1.33 | 1.42 | 1.48 |
| Sept. 18 | .22 | .34 | .51 | .55 | .58 | .59 | .59 | .59 | .59 | .59 | .59 |
| Nov. 9 | .20 | .30 | .30 | .33 | .34 | .35 | .35 | .35 | .35 | .36 | .36 |
| St. Joseph, Mo.: | | | | | | | | | | | |
| May 5 | .21 | .31 | .34 | .34 | .35 | .36 | .36 | .37 | .40 | .44 | .50 |
| May 11 | .22 | .35 | .42 | .45 | .47 | .49 | .50 | .50 | .50 | .51 | .56 |
| May 17 | .62 | 1.06 | 1.26 | 1.38 | 1.53 | 1.55 | 1.56 | 1.57 | 1.57 | 1.60 | 1.61 |
| June 21 | .21 | .30 | .43 | .50 | .52 | .52 | .52 | .52 | .52 | .52 | .59 |
| June 25 | .13 | .27 | .40 | .42 | .63 | .76 | .82 | .84 | 1.06 | 1.09 | 1.11 |
| Aug. 5-6 | .22 | .34 | .47 | .50 | .52 | .55 | .59 | .63 | .64 | .66 | .70 |
| Sept. 14 | .47 | .60 | 1.15 | 1.80 | 2.09 | 2.09 | 2.09 | 2.09 | 2.09 | 2.09 | 2.09 |
| Sept. 18 | .18 | .36 | .58 | .61 | .64 | .67 | .71 | .80 | .81 | .81 | .81 |
| Springfield, Mo.: | | | | | | | | | | | |
| Apr. 17 | .22 | .33 | .53 | .58 | .64 | .68 | .73 | .75 | .80 | .82 | .83 |
| June 10 | .25 | .46 | .50 | .59 | .65 | .73 | .82 | .82 | .82 | .82 | .82 |
| July 20 | .30 | .42 | .66 | .91 | .96 | .99 | .99 | .99 | .99 | 1.00 | 1.00 |
| Sept. 5 | .28 | .51 | .67 | .81 | .97 | .99 | 1.10 | 1.14 | 1.14 | 1.14 | 1.14 |
| Oct. 30 | .38 | .53 | .64 | .68 | .76 | .81 | .84 | .88 | .90 | .92 | .94 |
| Dec. 26 | .32 | .39 | .65 | .77 | .94 | 1.05 | 1.28 | 1.38 | 1.48 | 1.62 | 1.69 |
| Topeka, Kans.: | | | | | | | | | | | |
| May 2 | .20 | .38 | .56 | .61 | .89 | 1.20 | 1.22 | 1.23 | 1.23 | 1.23 | 1.34 |
| May 17 | .21 | .31 | .39 | .41 | .51 | .60 | .63 | .64 | .64 | .65 | .65 |
| June 18-19 | .47 | .82 | 1.22 | 1.46 | 1.54 | 1.56 | 1.58 | 1.63 | 1.67 | 1.75 | 1.84 |
| July 12 | .19 | .29 | .43 | .51 | .53 | .53 | .53 | .54 | .56 | .58 | .58 |
| July 25 | .32 | .51 | .60 | .67 | .70 | .70 | .73 | .77 | .85 | .88 | .89 |
| Aug. 3 | .17 | .33 | .52 | .77 | .99 | 1.25 | 1.30 | 1.35 | 1.38 | 1.44 | 1.46 |
| Aug. 26 | .25 | .37 | .54 | .55 | .69 | .81 | .90 | .97 | .98 | .98 | .98 |
| Aug. 26 | .36 | .52 | .85 | 1.02 | 1.24 | 1.28 | 1.28 | 1.28 | 1.29 | 1.30 | 1.30 |
| Sept. 2 | .17 | .30 | .51 | .64 | .88 | 1.10 | 1.30 | 1.71 | 1.85 | 1.98 | 2.06 |
| Sept. 7 | .43 | .81 | 1.33 | 1.45 | 1.49 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| Sept. 18 | .22 | .38 | .47 | .49 | .49 | .49 | .49 | .49 | .49 | .49 | .49 |
| Oct. 3 | .17 | .28 | .50 | .64 | .79 | .88 | 1.30 | 1.53 | 1.64 | 1.77 | 1.80 |
| Lincoln, Nebr.: | | | | | | | | | | | |
| Mar. 25 | .14 | .23 | .42 | .56 | .68 | .84 | .97 | .98 | .99 | 1.01 | 1.10 |
| June 9 | .39 | .55 | .56 | .56 | .56 | .56 | .56 | .67 | .88 | .88 | .88 |
| June 18 | .27 | .47 | .68 | .71 | .72 | .72 | .77 | .83 | .88 | .88 | .88 |
| June 19 | .27 | .46 | .64 | .74 | .86 | .97 | 1.03 | 1.08 | 1.17 | 1.24 | 1.38 |
| June 28 | .20 | .37 | .54 | .54 | .80 | .80 | .81 | .81 | .81 | .81 | .81 |
| July 7 | .26 | .40 | .47 | .52 | .53 | .65 | .66 | .66 | .66 | .66 | .66 |
| July 24 | .48 | .93 | 1.63 | 2.04 | 2.25 | 2.33 | 2.36 | 2.36 | 2.36 | 2.36 | 2.36 |
| Aug. 5 | .31 | .47 | .54 | .59 | .60 | .63 | .66 | .68 | .71 | .75 | .76 |
| Omaha, Nebr.: | | | | | | | | | | | |
| June 19-20 | .35 | .67 | 1.28 | 1.80 | 2.24 | 2.44 | 2.60 | 2.68 | 2.74 | 2.89 | 3.07 |
| July 2 | .36 | .51 | .61 | .65 | .65 | .65 | .66 | .66 | .67 | .67 | .67 |
| July 9 | .38 | .65 | .92 | .94 | .95 | .95 | .95 | .95 | .95 | .95 | .95 |
| July 18 | .37 | .57 | .92 | 1.14 | 1.39 | 1.40 | 1.40 | 1.41 | 1.41 | 1.41 | 1.41 |
| July 19 | .34 | .51 | .53 | .53 | .53 | .54 | .54 | .54 | .54 | .54 | .54 |
| Aug. 5 | .22 | .42 | .78 | .98 | 1.09 | 1.11 | 1.14 | 1.17 | 1.20 | 1.25 | 1.28 |
| Valentine, Nebr.: | | | | | | | | | | | |
| May 29 | .37 | .64 | .78 | .80 | .81 | .84 | .86 | .87 | .92 | .96 | .96 |
| July 8 | .27 | .34 | .40 | .42 | .43 | .43 | .43 | .43 | .43 | .43 | .43 |
| July 10 | .23 | .40 | .70 | .98 | 1.23 | 1.27 | 1.29 | 1.29 | 1.30 | 1.33 | 1.37 |
| Aug. 7 | .23 | .33 | .35 | .36 | .36 | .36 | .36 | .36 | .36 | .36 | .36 |
| Sioux City, Iowa: | | | | | | | | | | | |
| June 18 | .31 | .57 | .69 | .74 | .77 | .79 | .82 | .86 | .88 | .88 | .88 |
| June 19 | .36 | .58 | .63 | .64 | .64 | .64 | .64 | .64 | .64 | .64 | .64 |
| June 25 | .25 | .30 | .32 | .33 | .33 | .33 | .38 | .42 | .42 | .42 | .42 |
| July 29-30 | .30 | .46 | .59 | .61 | .64 | .64 | .66 | .68 | .70 | .71 | .71 |
| Aug. 27 | .27 | .49 | .70 | .75 | .88 | .90 | .92 | .94 | .94 | .95 | .95 |
| Sept. 11 | .47 | .63 | .74 | .87 | 1.03 | 1.16 | 1.17 | 1.17 | 1.17 | 1.20 | 1.22 |
| Huron, S. Dak.: | | | | | | | | | | | |
| Apr. 30 | .38 | .44 | .56 | .58 | .68 | .81 | .86 | .90 | .92 | .93 | .95 |
| May 29 | .22 | .42 | .62 | .67 | .68 | .68 | .68 | .68 | .68 | .68 | .68 |
| May 29 | .25 | .35 | .40 | .42 | .42 | .42 | .42 | .42 | .42 | .44 | .48 |
| June 24 | .40 | .55 | .57 | .58 | .68 | .68 | .69 | .69 | .72 | .72 | .72 |
| July 28 | .38 | .63 | 1.05 | 1.20 | 1.25 | 1.25 | 1.26 | 1.44 | 1.48 | 1.60 | 1.70 |
| Aug. 5 | .32 | .48 | .70 | .92 | .99 | 1.01 | 1.01 | 1.01 | 1.01 | 1.02 | 1.02 |
| Sept. 1 | .31 | .45 | .57 | .66 | .69 | .72 | .96 | 1.09 | 1.16 | 1.19 | 1.22 |
| **NORTHERN SLOPE** | | | | | | | | | | | |
| Billings, Mont.: | | | | | | | | | | | |
| June 4 | .17 | .27 | .53 | .71 | .92 | 1.02 | 1.03 | 1.03 | 1.20 | 1.22 | 1.22 |
| June 8 | .27 | .39 | .41 | .42 | .42 | .42 | .42 | .42 | .42 | .42 | .42 |
| Aug. 26 | .18 | .33 | .33 | .33 | .33 | .33 | .33 | .33 | .33 | .33 | .33 |
| Havre, Mont.: | | | | | | | | | | | |
| July 28 | .17 | .31 | .53 | .61 | .64 | .75 | .76 | .76 | .76 | .76 | .76 |
| **NORTHERN SLOPE—continued** | | | | | | | | | | | |
| Miles City, Mont.: | | | | | | | | | | | |
| June 4 | 0.22 | 0.40 | 0.51 | 0.55 | 0.60 | 0.62 | 0.62 | 0.63 | 0.64 | 0.66 | 0.66 |
| June 10 | .27 | .37 | .45 | .48 | .49 | .49 | .49 | .49 | .49 | .49 | .49 |
| Aug. 3 | .25 | .36 | .46 | .53 | .55 | .57 | .61 | .75 | .82 | .83 | .83 |
| North Platte, Nebr.: | | | | | | | | | | | |
| May 12 | .29 | .40 | .49 | .57 | .61 | .61 | .62 | .62 | .62 | .62 | .62 |
| June 19 | .12 | .26 | .40 | .58 | .70 | .73 | .73 | .73 | .73 | .73 | .76 |
| July 1 | .22 | .40 | .52 | .54 | .54 | .55 | .55 | .55 | .55 | .55 | .55 |
| Aug. 6 | .29 | .31 | .37 | .37 | .37 | .37 | .37 | .37 | .37 | .37 | .37 |
| Sept. 1 | .23 | .43 | .67 | .80 | 1.04 | 1.17 | 1.31 | 1.48 | 1.67 | 1.84 | 2.18 |
| Sept. 2 | .21 | .34 | .44 | .57 | .85 | .99 | 1.19 | 1.40 | 1.47 | 1.50 | 1.62 |
| Rapid City, S. D.: | | | | | | | | | | | |
| June 5 | .22 | .36 | .66 | .84 | .86 | .88 | .89 | 1.05 | 1.06 | 1.06 | 1.06 |
| July 27 | .19 | .35 | .50 | .51 | .51 | .51 | .51 | .51 | .51 | .51 | .51 |
| Cheyenne, Wyo.: | | | | | | | | | | | |
| Aug. 3 | .29 | .48 | .59 | .60 | .60 | .60 | .60 | .60 | .60 | .60 | .60 |
| **MIDDLE SLOPE** | | | | | | | | | | | |
| Concordia, Kans.: | | | | | | | | | | | |
| May 25 | .15 | .26 | .42 | .53 | .66 | .77 | .82 | .84 | .86 | .86 | .86 |
| June 10 | .24 | .38 | .70 | .93 | 1.09 | 1.12 | 1.13 | 1.17 | 1.19 | 1.19 | 1.19 |
| June 12 | .24 | .38 | .56 | .59 | .63 | .69 | .76 | .84 | .94 | .96 | .96 |
| July 3 | .23 | .29 | .56 | .68 | .73 | .74 | .74 | .76 | .76 | .76 | .76 |
| Aug. 7 | .22 | .35 | .62 | .65 | .66 | .72 | .73 | .73 | .73 | .73 | .73 |
| Aug. 13 | .19 | .32 | .40 | .41 | .45 | .49 | .55 | .60 | .62 | .63 | .63 |
| Sept. 14-15 | .33 | .42 | .44 | .44 | .49 | .68 | .68 | .86 | .88 | .98 | 1.17 |
| Dodge City, Kans.: | | | | | | | | | | | |
| June 18 | .49 | .83 | 1.39 | 1.80 | 2.31 | 2.84 | 3.30 | 3.41 | 3.46 | 3.48 | 3.48 |
| Aug. 12 | .19 | .35 | .60 | .70 | .75 | .80 | .82 | .83 | .84 | .85 | .85 |
| Wichita, Kans.: | | | | | | | | | | | |
| Apr. 27 | .37 | .74 | 1.20 | 1.44 | 1.69 | 1.76 | 1.97 | 2.01 | 2.01 | 2.01 | 2.01 |
| May 5 | .28 | .39 | .39 | .40 | .40 | .40 | .40 | .40 | .40 | .40 | .40 |
| June 7 | .24 | .34 | .37 | .38 | .39 | .44 | .48 | .79 | .82 | .84 | .85 |
| June 16 | .40 | .48 | .57 | .86 | .90 | .98 | .98 | .98 | .98 | .98 | .98 |
| June 17 | .31 | .49 | .80 | 1.09 | 1.10 | 1.12 | 1.24 | 1.63 | 1.65 | 1.66 | 1.66 |
| June 20 | .21 | .38 | .69 | .99 | 1.32 | 1.44 | 1.55 | 1.56 | 1.61 | 1.67 | 1.68 |
| July 11 | .26 | .32 | .34 | .56 | .67 | .89 | 1.01 | 1.12 | 1.15 | 1.19 | 1.21 |
| Aug. 3 | .27 | .52 | .89 | .94 | .94 | .94 | .96 | 1.02 | 1.05 | 1.11 | 1.15 |
| Aug. 14 | .18 | .35 | .49 | .52 | .61 | .72 | .79 | .82 | .84 | .93 | 1.01 |
| Sept. 2 | .24 | .36 | .65 | .89 | .93 | .93 | .94 | .96 | .97 | 1.00 | 1.01 |
| Sept. 3 | .19 | .29 | .56 | .76 | .95 | 1.02 | 1.08 | 1.17 | 1.19 | 1.31 | 1.44 |
| Oct. 4 | .15 | .29 | .45 | .52 | .58 | .61 | .62 | .62 | .62 | .62 | .62 |
| Oklahoma City, Okla: | | | | | | | | | | | |
| Apr. 18 | .53 | .68 | .79 | 1.07 | 1.62 | 1.93 | 2.04 | 2.13 | 2.25 | 2.33 | 2.42 |
| Denver, Colo.: | | | | | | | | | | | |
| Oct. 13 | .20 | .34 | .39 | .55 | .62 | .67 | .67 | .67 | .68 | .68 | .68 |
| Pueblo, Colo.: | | | | | | | | | | | |
| Aug. 13-14 | .17 | .29 | .45 | .58 | .66 | .69 | .72 | .76 | .77 | .77 | .77 |
| **SOUTHERN SLOPE** | | | | | | | | | | | |
| Abilene, Tex.: | | | | | | | | | | | |
| Apr. 18 | .35 | .52 | .59 | .59 | .60 | .61 | .61 | .61 | .61 | .61 | .61 |
| May 18 | .68 | 1.25 | 2.11 | 2.75 | 3.07 | 3.12 | 3.14 | 3.22 | 3.23 | 3.24 | 3.25 |
| Aug. 21 | .34 | .57 | .79 | .99 | 1.06 | 1.08 | 1.09 | 1.10 | 1.11 | 1.17 | 1.13 |
| Aug. 24 | .31 | .50 | .92 | 1.16 | 1.33 | 1.43 | 1.61 | 1.71 | 1.81 | 1.97 | 2.02 |
| Oct. 16 | .21 | .42 | .71 | .90 | .98 | 1.01 | 1.03 | 1.05 | 1.08 | 1.08 | 1.18 |
| Amarillo, Tex.: | | | | | | | | | | | |
| Apr. 19 | .16 | .25 | .34 | .38 | .41 | .43 | .50 | .53 | .54 | .58 | .58 |
| May 20 | .16 | .23 | .24 | .26 | .35 | .36 | .36 | .55 | .56 | .57 | .57 |
| June 9 | .26 | .42 | .62 | .98 | 1.24 | 1.31 | 1.32 | 1.32 | 1.32 | 1.32 | 1.43 |
| July 26 | .27 | .39 | .48 | .54 | .58 | .58 | .58 | .58 | .58 | .58 | .58 |
| Aug. 14 | .24 | .44 | .70 | .76 | .79 | .79 | .79 | .79 | .79 | .79 | .82 |
| Del Rio, Tex.: | | | | | | | | | | | |
| May 18 | .35 | .65 | 1.00 | 1.20 | 1.30 | 1.75 | 2.05 | 2.36 | 2.36 | 2.36 | 2.36 |
| May 19 | .48 | .79 | 1.16 | 1.27 | 1.35 | 1.36 | 1.40 | 1.43 | 1.45 | 1.45 | 1.45 |
| Sept. 7 | .38 | .58 | .70 | .89 | 1.04 | 1.63 | 1.93 | 2.11 | 2.22 | 2.29 | 2.43 |
| Oct. 2-3 | .31 | .52 | .82 | .87 | .98 | 1.00 | 1.01 | 1.01 | 1.01 | 1.09 | 1.14 |
| Roswell, N. Mex.: | | | | | | | | | | | |
| July 20 | .23 | .40 | .55 | .62 | .65 | .65 | .65 | .65 | .65 | .65 | .65 |
| Sept. 1-2 | .35 | .70 | 1.10 | 1.15 | 1.25 | 1.26 | 1.27 | 1.27 | 1.27 | 1.28 | 1.28 |
| **SOUTHERN PLATEAU** | | | | | | | | | | | |
| Albuquerque, N. Mex.: | | | | | | | | | | | |
| Aug. 8 | .19 | .36 | .55 | .56 | .57 | .57 | .57 | .57 | .57 | .57 | .57 |
| **MIDDLE PLATEAU** | | | | | | | | | | | |
| Modena, Utah: | | | | | | | | | | | |
| Apr. 22 | .15 | .30 | .62 | .64 | .66 | .67 | .69 | .69 | .69 | .70 | .70 |
| Aug. 19 | .24 | .40 | .71 | .95 | 1.08 | 1.14 | 1.19 | 1.20 | 1.22 | 1.22 | 1.22 |
| **NORTHERN PLATEAU** | | | | | | | | | | | |
| Boise, Idaho: | | | | | | | | | | | |
| May 22 | .34 | .37 | .38 | .38 | .38 | .38 | .39 | .39 | .39 | .39 | .39 |
| Walla Walla, Wash.: | | | | | | | | | | | |
| May 22 | .49 | .71 | .81 | .81 | .82 | .84 | .87 | .89 | .90 | .91 | .91 |
| **NORTH PACIFIC COAST REGION** | | | | | | | | | | | |
| Tatoosh Island, Wash.: | | | | | | | | | | | |
| Oct. 10 | .19 | .33 | .58 | .72 | .97 | 1.12 | 1.30 | 1.46 | 1.65 | 2.07 | 2.19 |
| **MIDDLE PACIFIC COAST REGION** | | | | | | | | | | | |
| Redding, Calif.: | | | | | | | | | | | |
| Feb. 4 | .45 | .82 | 1.20 | 1.24 | 1.45 | 1.62 | 1.64 | 1.65 | 1.65 | 1.65 | 1.67 |
| Nov. 14 | .22 | .32 | .37 | .41 | .44 | .46 | .50 | .54 | .58 | .59 | .59 |

See footnotes at end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1942 at all stations furnished with self-registering gages*—Continued

| Stations and dates | Maximum amounts of precipitation, inches (5 to 180 minutes) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
| ISLAND POSSESSIONS | | | | | | | | | | | |
| Honolulu, T. H.: | | | | | | | | | | | |
| Apr. 5 | 0.16 | 0.28 | 0.43 | 0.46 | 0.49 | 0.52 | 0.53 | 0.55 | 0.55 | 0.55 | 0.55 |
| Oct. 29 | .33 | .48 | .57 | .60 | .62 | .66 | .71 | .80 | .82 | .85 | .90 |
| Oct. 29 | .19 | .33 | .63 | .75 | .89 | 1.08 | 1.25 | 1.28 | 1.29 | 1.31 | 1.40 |
| Dec. 1 | .18 | .23 | .42 | .43 | .52 | .62 | .70 | .74 | .83 | 1.11 | 1.14 |
| Dec. 6 | .34 | .59 | .89 | 1.05 | 1.24 | 1.30 | 1.52 | 1.89 | 1.95 | 1.96 | 2.02 |
| Dec. 8 | .35 | .55 | .73 | .85 | .90 | .92 | .94 | .95 | .98 | 1.18 | 1.24 |
| ISLAND POSSESSIONS—continued | | | | | | | | | | | |
| San Juan, P. R.: | | | | | | | | | | | |
| Jan. 1 | 0.38 | 0.69 | 1.23 | 1.27 | 1.29 | 1.59 | 1.96 | 1.98 | 1.98 | 2.11 | 2.24 |
| June 3 | .39 | .54 | .67 | .72 | .77 | .79 | .82 | .83 | .85 | .85 | .92 |
| July 28 | .22 | .39 | .69 | .98 | 1.10 | 1.40 | 1.49 | 1.71 | 1.91 | 2.00 | 2.05 |
| Aug. 13 | .28 | .52 | .76 | .86 | .87 | .87 | .87 | .87 | .87 | .87 | .88 |
| Nov. 28 | .47 | .87 | 1.35 | 1.42 | 1.46 | 1.48 | 1.50 | 1.51 | 1.52 | 1.52 | 1.62 |

[1] Estimated.
[2] Not obtainable.

NOTE.—The following stations had no excessive precipitation during the year 1942: Upper Lake Region, Alpena, Mich.; Northern Slope, Lander and Sheridan, Wyo., Helena and Kalispell, Mont.; Southern Slope, El Paso, Texas, and Phoenix, Ariz.; Middle Plateau, Ely, Reno, and Winnemucca, Nev., Grand Junction, Colo. and Salt Lake City, Utah.; Northern Plateau, Pocatello, Idaho, Baker, Oreg., and Spokane and Yakima, Wash.; North Pacific Coast, Portland and Roseburg, Oreg., North Head, Seattle, and Tacoma, Wash.; Middle Pacific Coast Region, Eureka, Sacramento, and San Francisco, Calif.; South Pacific Coast Region, Fresno, Los Angeles, and San Diego, Calif., and in Alaska, Anchorage, Ketchikan, Juneau, and Nome.

# MONTHLY AND ANNUAL EVAPORATION, 1942

The monthly and annual amounts of evaporation during the year 1941 appear in table 15 below. The number of these reports at the present time is small, records appearing from a little more 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 15.—*Monthly and annual evaporation, in inches, at class A stations for 1942*

| Stations | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALABAMA | | | | | | | | | | | | | |
| Fairhope | 1.99 | 2.05 | 3.17 | 4.61 | 6.13 | 5.58 | 5.62 | 5.12 | 4.40 | 3.60 | 2.40 | 1.60 | 46.27 |
| ARIZONA | | | | | | | | | | | | | |
| Bartlett | 4.71 | 4.62 | 7.58 | 9.47 | 15.24 | 17.62 | 17.42 | 14.85 | 12.74 | 9.16 | 6.77 | 4.19 | 124.37 |
| Mesa | 2.78 | 3.19 | 5.99 | 6.53 | 10.32 | 11.52 | 11.52 | 9.17 | 8.18 | 6.21 | 3.87 | 2.61 | 81.89 |
| Roosevelt | 1.75 | 2.64 | 4.65 | 7.16 | 11.66 | 14.34 | 13.97 | 11.89 | 9.38 | 6.16 | 3.32 | 1.81 | 88.73 |
| Safford | 2.22 | 2.79 | 5.30 | 7.21 | 9.65 | 10.66 | 10.16 | 8.55 | 6.16 | 4.71 | 3.21 | 1.87 | 72.49 |
| Sierra Ancha | 2.27 | 2.40 | 4.74 | 5.95 | 9.31 | 10.86 | 10.20 | 8.44 | 8.18 | 5.10 | 3.69 | 1.97 | 73.11 |
| University of Arizona (Tucson) | 2.08 | 2.27 | 5.66 | 7.29 | 11.22 | 12.75 | 11.45 | 9.04 | 7.63 | 5.00 | 2.63 | 1.76 | 78.78 |
| Yuma (citrus) | 4.56 | 4.76 | 7.80 | 9.58 | 13.20 | 14.46 | 16.49 | 13.90 | 11.26 | 8.11 | 5.16 | 3.91 | 113.19 |
| ARKANSAS | | | | | | | | | | | | | |
| Batesville [1] | 1.93 | | | 7.43 | 6.53 | 7.40 | 9.12 | 6.30 | 5.43 | 4.27 | 3.28 | | |
| Hope | | 2.47 | 4.60 | 4.44 | 5.82 | 6.08 | 8.41 | 7.14 | 4.41 | 4.00 | | | |
| Mena (Irons Ford) | .71 | 1.19 | 3.06 | 3.84 | 3.89 | 3.38 | 4.68 | 3.80 | 2.91 | 2.07 | 1.45 | .60 | 31.58 |
| Russelville | 2.49 | 1.76 | 4.44 | | | 5.89 | | | 4.60 | 3.63 | 2.24 | | |
| Stuttgart | 1.08 | 1.51 | 3.62 | 4.52 | 5.32 | 5.70 | 7.41 | 5.18 | 4.04 | 3.35 | 2.46 | | |
| CALIFORNIA | | | | | | | | | | | | | |
| Alvorado [2] | 1.27 | 2.28 | 3.91 | | | | | | | | | | |
| Beaumont | 4.82 | 3.90 | 6.83 | 4.73 | 9.72 | 12.10 | 16.25 | 12.90 | 10.40 | 7.62 | 6.52 | 5.06 | 100.85 |
| Boca | | | | | 6.09 | 8.86 | 10.96 | 9.52 | 7.11 | 4.36 | | | |
| Chula Vista | 2.62 | 3.19 | 5.15 | 5.22 | 7.31 | 6.66 | 7.70 | 7.10 | 6.05 | 4.93 | 3.09 | 2.43 | 61.45 |
| Davis | 1.76 | 2.00 | 4.01 | 3.86 | 6.84 | 10.30 | 10.95 | 9.40 | 7.59 | 4.97 | 1.84 | .81 | 64.33 |
| Fall River Mills | | 1.42 | 3.11 | 4.29 | 5.85 | 8.93 | 11.07 | 9.90 | 6.18 | 3.88 | 1.24 | .73 | |
| Friant (Government Camp) | 1.06 | 1.88 | 3.66 | 4.51 | 9.15 | 14.59 | 17.06 | 14.64 | 9.73 | 6.75 | 2.26 | .84 | 86.13 |
| Lodi | .89 | 1.70 | 3.66 | 3.96 | 7.43 | 10.86 | 11.57 | 8.32 | 6.96 | 4.34 | 1.90 | .68 | 62.36 |
| Mojave (Backus Ranch) | 2.88 | 4.04 | 6.98 | 8.26 | 13.31 | 19.56 | 18.86 | 17.32 | 12.64 | 8.92 | 5.22 | 3.80 | 121.79 |
| Newark | | | | | 6.82 | 9.00 | 9.33 | 7.78 | 5.88 | 4.22 | 2.07 | 1.09 | |
| Oakdale | .88 | 1.74 | 3.49 | 4.55 | 7.08 | 12.43 | 14.85 | 11.95 | 8.37 | 5.24 | 2.02 | .78 | 73.38 |
| Tahoe | | | | | | 3.86 | 4.66 | 4.82 | 3.07 | 1.40 | | | |
| Valley Springs (Camp Pardee) | .75 | 1.41 | 2.96 | 3.12 | 5.70 | 9.73 | 11.78 | 9.63 | 7.04 | 4.64 | 1.28 | .84 | 58.88 |
| COLORADO | | | | | | | | | | | | | |
| Conejos Dam | | | | | | 10.69 | 6.83 | 6.80 | 7.60 | 4.30 | | | |
| Caddoa (John Marton Dam) [3] | | | | 6.24 | 10.66 | 7.65 | 10.43 | 9.46 | 6.83 | 4.12 | | | |
| Montrose | 1.10 | | 2.32 | 4.58 | 7.88 | 9.73 | 10.40 | 8.81 | 6.96 | 3.97 | 2.18 | | |
| Pueblo [4] | | | 4.44 | 6.87 | 9.74 | 9.50 | 11.55 | 9.26 | 6.64 | 4.84 | 3.61 | | |
| Wagon Wheel Gap | | | | | | 9.89 | 8.30 | 6.60 | 6.79 | 3.78 | | | |
| FLORIDA | | | | | | | | | | | | | |
| Belle Glade | 2.93 | 3.70 | 5.80 | 6.61 | 7.33 | 5.64 | 7.67 | 6.31 | 5.25 | 5.64 | 4.08 | 3.06 | 64.02 |
| Big Cypress | 3.01 | 3.44 | 5.26 | 6.04 | 7.35 | | 7.20 | | | 5.00 | 3.52 | 2.78 | |
| Hialeah | 3.34 | 4.39 | 5.74 | 7.45 | 7.64 | 6.03 | 7.64 | 7.28 | 5.65 | 5.82 | 4.43 | 3.59 | 69.00 |
| Hiawassa Experiment | 3.13 | 3.72 | 5.46 | 6.61 | 7.31 | 6.82 | 8.34 | 6.57 | 5.31 | 5.31 | 3.96 | 2.94 | 65.48 |
| Loxahatchee (near) | 3.32 | 3.60 | 5.48 | 6.43 | 6.88 | 5.14 | 7.59 | 7.64 | 6.29 | 5.74 | 4.25 | 3.10 | 65.46 |
| Miami (near) | 3.31 | 4.47 | 5.68 | 6.72 | 7.18 | 6.58 | 7.28 | 7.48 | 7.20 | 5.84 | 4.17 | 3.74 | 69.65 |
| GEORGIA | | | | | | | | | | | | | |
| Experiment | 2.53 | 1.88 | 4.96 | 6.60 | 7.06 | 7.72 | 7.96 | 7.00 | 5.81 | 4.60 | 3.34 | 1.88 | 61.31 |
| Tifton | 2.60 | 2.43 | 5.18 | 6.43 | 7.23 | 6.26 | 7.26 | 6.40 | 4.87 | 4.13 | 2.81 | 1.82 | 57.42 |
| HAWAII | | | | | | | | | | | | | |
| Pahala | 4.66 | 5.49 | 5.06 | 5.55 | 6.18 | 6.46 | 6.85 | 6.38 | 5.80 | 5.26 | 4.49 | 3.98 | 66.16 |
| Wainae | 4.97 | 4.89 | 6.40 | 7.08 | 7.36 | 8.12 | 7.89 | 8.27 | 6.46 | 6.03 | 4.21 | 3.47 | 75.15 |
| IDAHO | | | | | | | | | | | | | |
| Aberdeen | | | | 4.64 | 4.81 | 8.51 | 10.17 | 8.11 | 5.33 | 2.85 | | | |
| Arrowrock | | | | | | 7.24 | 11.57 | 10.45 | 6.68 | 3.04 | | | |
| Lifton | | | | 3.58 | 5.16 | 8.29 | 10.89 | 9.64 | 6.02 | 3.09 | | | |
| Milner Dam | | | | 4.75 | 4.78 | 7.57 | 10.40 | 8.71 | 6.18 | 3.65 | | | |
| Moscow | | | | 3.58 | 3.55 | 4.79 | 7.71 | 7.30 | 3.67 | | | | |

See footnotes at end of table.

TABLE 15.—*Monthly and annual evaporation, in inches, at class A stations for 1942*—Continued

| Stations | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ILLINOIS | | | | | | | | | | | | | |
| Lake Springfield | | | 3.99 | 4.98 | 5.77 | 5.88 | 8.43 | 6.16 | 5.36 | 3.76 | 2.35 | 1.72 | |
| INDIANA | | | | | | | | | | | | | |
| Indianapolis | | | | | 4.83 | 4.94 | 6.91 | 5.27 | 3.83 | | | | |
| IOWA | | | | | | | | | | | | | |
| Ames | | | | 6.81 | 5.99 | 6.61 | 7.89 | 6.79 | 3.82 | 3.41 | 1.79 | | |
| Cherokee | | | | 5.99 | 5.38 | 6.10 | 8.31 | 6.77 | 3.49 | 3.14 | 1.74 | | |
| Clarinda | | | | 7.08 | 5.86 | 6.94 | 8.33 | 7.84 | 4.56 | 4.54 | | | |
| Iowa City | | | | 6.01 | 5.51 | 5.82 | 6.97 | 6.04 | 3.80 | 3.25 | | | |
| KANSAS | | | | | | | | | | | | | |
| Hays | | | | 6.68 | 10.20 | 9.02 | 15.34 | 12.13 | 7.66 | 5.80 | | | |
| Manhattan (Agronomy Farm) | | | | 7.12 | 8.21 | 7.98 | 10.10 | 8.10 | 6.22 | 4.20 | | | |
| Tribune | | | | 6.16 | 8.60 | 7.09 | 9.98 | 9.24 | 6.53 | | | | |
| KENTUCKY | | | | | | | | | | | | | |
| Eadsville (Lock No. 21 Cumberland R.) | | | | 3.90 | 4.48 | 6.16 | 5.88 | 4.26 | 3.03 | 2.18 | 1.66 | | |
| LOUISIANA | | | | | | | | | | | | | |
| Hackberry | 3.28 | 3.19 | 4.56 | 6.75 | 8.43 | | | | 7.54 | 6.19 | 4.17 | 2.97 | |
| MARYLAND | | | | | | | | | | | | | |
| Beltsville | | | | | 5.78 | 6.23 | 6.80 | 4.59 | 4.05 | 2.74 | | | |
| MICHIGAN | | | | | | | | | | | | | |
| Germfask | | | | | 4.61 | 5.45 | 6.10 | 5.23 | 2.76 | 1.97 | | | |
| MISSISSIPPI | | | | | | | | | | | | | |
| Vicksburg | 1.62 | 1.91 | 3.63 | 4.81 | 5.84 | 6.14 | 7.01 | 5.85 | 4.94 | 3.89 | 2.67 | 1.72 | 50.03 |
| MISSOURI | | | | | | | | | | | | | |
| Lakeside | | 1.02 | 3.99 | 6.23 | 6.58 | 5.16 | 7.37 | 6.05 | 4.51 | 3.29 | 2.52 | .56 | |
| Washington University (St. Louis) | .80 | | 2.96 | 4.67 | 5.47 | 4.95 | 6.58 | 5.36 | 4.07 | 2.83 | 1.79 | | |
| MONTANA | | | | | | | | | | | | | |
| Agricultural College | | | | 3.67 | 4.38 | 4.92 | 7.49 | 7.00 | 3.50 | 2.07 | | | |
| Fort Peck | | | | | 5.85 | 7.20 | 9.15 | 7.92 | 4.11 | | | | |
| Malta | | | | | 4.93 | 5.66 | 6.74 | 5.49 | 3.58 | 3.11 | | | |
| Sherburne Lake | | | | | 4.28 | 4.34 | 6.62 | 5.27 | 3.49 | | | | |
| Valier | | | | | 5.57 | 4.67 | 7.44 | 7.16 | 6.14 | | | | |
| NEBRASKA | | | | | | | | | | | | | |
| Bridgeport | | | | 5.39 | 7.35 | 6.05 | 7.93 | 6.72 | 4.10 | 3.09 | | | |
| Kingsley Dam [5] | | | | | 5.57 | 6.34 | 9.68 | 7.75 | 4.94 | | | | |
| Lincoln | | | | 6.06 | 5.60 | 6.79 | 9.38 | 7.99 | 4.30 | 3.61 | | | |
| NEVADA | | | | | | | | | | | | | |
| Boulder City | 3.71 | 4.71 | 7.86 | 11.13 | 14.77 | 18.76 | 17.41 | 14.14 | 12.59 | 8.17 | 5.71 | 3.63 | 122.59 |
| Lahontan | | | | 8.52 | 11.20 | 14.08 | 17.44 | 16.02 | 9.88 | 5.76 | | | |
| Lamoille | | | | | 4.73 | 7.33 | 11.72 | 10.24 | 7.86 | 4.30 | | | |
| Ruby Lake | | | | | | 12.43 | 14.94 | 10.69 | 7.96 | | | | |
| Rye Patch Dam | | | | 6.31 | 7.20 | 11.78 | 16.49 | 14.81 | 9.54 | 6.03 | | | |
| NEW HAMPSHIRE | | | | | | | | | | | | | |
| Massabesic Lake [6] | | | | | 4.27 | 5.25 | 5.94 | 5.12 | 3.48 | 2.67 | | | |
| NEW JERSEY | | | | | | | | | | | | | |
| Canoe Brook | | | | | 4.07 | 3.66 | 5.06 | 4.25 | 2.84 | 1.23 | | | |
| Pleasantville | | | | 4.96 | 6.50 | 6.08 | 7.12 | 4.58 | 4.11 | 2.76 | 1.79 | | |
| Runyon | | | | | 5.87 | 5.58 | 5.42 | 4.54 | 3.52 | 2.04 | 2.22 | | |
| NEW MEXICO | | | | | | | | | | | | | |
| Agricultural College | 2.97 | 4.24 | 7.31 | 9.00 | 12.19 | 14.67 | 11.86 | 9.46 | 8.09 | 6.01 | 4.80 | 3.05 | 93.65 |
| Alamogordo Dam | 2.90 | 4.32 | 8.08 | 9.32 | 12.89 | 12.90 | 13.08 | 10.09 | 7.61 | 5.68 | 5.82 | 3.40 | 96.09 |
| Caballo Dam | | | 9.56 | 11.79 | 17.21 | 18.81 | 14.73 | 9.98 | 8.18 | 6.14 | 5.27 | 2.98 | |
| Conchas Dam | | | | 7.73 | 12.63 | 12.71 | 12.31 | 9.72 | 7.69 | 5.50 | 5.68 | 2.54 | |
| Eagle Nest | | | | | 8.60 | 8.18 | 6.85 | 6.72 | 6.17 | 4.37 | | | |
| Elephant Butte | 3.18 | 5.34 | 8.36 | 10.59 | 16.67 | 18.29 | 15.56 | 10.48 | 8.63 | 7.06 | 6.14 | 3.43 | 113.73 |
| El Vado Dam | | | | | 9.66 | 10.59 | 9.68 | 8.33 | 7.31 | 5.77 | | | |
| Farmington | | 1.28 | 3.20 | 5.37 | 7.99 | 7.35 | 6.28 | 5.30 | 5.69 | 3.29 | 1.95 | .62 | |
| Florida | | | | 7.98 | 10.22 | | | | 7.26 | 6.70 | | | |
| Jornada | 2.42 | 4.00 | 6.80 | 9.14 | 13.22 | 14.88 | 12.55 | 9.55 | 7.65 | 5.80 | 4.72 | 2.57 | 93.30 |
| Lake McMillan | 2.68 | 4.94 | 8.89 | 7.70 | 13.50 | 14.00 | 13.88 | 10.93 | 7.69 | 5.98 | 5.94 | 4.27 | 100.40 |
| Las Vegas | | | | | 11.25 | 10.70 | 7.98 | 6.35 | | 3.31 | | | |
| NEW MEXICO | | | | | | | | | | | | | |
| Navajo | | | | 6.36 | 11.85 | 16.07 | 15.35 | 10.52 | 10.72 | 7.04 | | | |
| Portales | | | 8.85 | 7.75 | 12.10 | 12.73 | 11.83 | 10.46 | 6.46 | 5.30 | 4.74 | 2.88 | |
| Roswell No. 2 | | 3.28 | 6.44 | 7.08 | 10.61 | 11.31 | 10.34 | 7.55 | 5.96 | 4.17 | 3.63 | 2.91 | |
| NEW YORK | | | | | | | | | | | | | |
| Alcove Dam [7] | | | | | 4.36 | 4.44 | 5.75 | 4.39 | 3.35 | 2.61 | | | |
| Ithaca | | | | | 4.45 | 5.02 | 5.72 | 4.42 | 3.16 | 2.55 | | | |
| New York University | | | | | | | 6.75 | | 3.67 | 3.01 | | | |
| NORTH CAROLINA | | | | | | | | | | | | | |
| Chapel Hill | | 1.16 | 3.25 | 4.38 | 3.70 | 4.53 | 4.47 | 4.07 | 3.01 | 1.52 | 1.20 | | |
| OHIO | | | | | | | | | | | | | |
| Charles Mill Dam | | | | 4.16 | 4.54 | 5.56 | 6.74 | 5.19 | 4.05 | | | | |
| Dayton | | | | 4.44 | 5.15 | 6.15 | 6.88 | 5.05 | 4.22 | 2.44 | | | |
| Ohio State University | | | | 3.99 | 4.35 | 4.33 | 5.00 | 3.90 | 3.54 | 1.91 | | | |
| Senecaville | | | | 4.69 | 5.34 | 5.78 | 6.15 | 4.38 | 3.63 | 2.50 | | | |
| Wooster | | | | | | | 6.11 | 5.34 | | | | | |

See footnotes at end of table.

TABLE 15.—*Monthly and annual evaporation, in inches, at class A stations for 1942*—Continued

| Stations | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OKLAHOMA | | | | | | | | | | | | | |
| Fort Supply Dam | | | | 7.63 | 11.30 | 11.15 | 12.43 | 10.52 | 7.05 | 4.22 | | | |
| Grand River Dam | | | 5.86 | 6.83 | 7.30 | 7.11 | 9.58 | 7.74 | 5.80 | 3.55 | 3.58 | 1.21 | |
| Norman | | | 5.59 | 4.75 | 6.94 | 7.00 | 9.17 | 7.00 | 4.91 | 3.45 | 2.89 | | |
| Stillwater [5] | | | | 4.83 | 7.70 | 8.81 | | 7.26 | 5.52 | 3.78 | | | |
| Tipton | | | | | 11.14 | 11.87 | 13.05 | 10.01 | 7.21 | 4.58 | 4.16 | | |
| OREGON | | | | | | | | | | | | | |
| Corvallis | | | | 2.65 | 2.76 | 3.36 | 5.49 | 6.00 | 4.29 | | | | |
| Medford | | | 2.55 | 4.35 | 4.24 | 6.60 | 8.92 | 7.80 | 4.95 | 2.15 | .67 | .22 | |
| Warmspring Reservoir | | | | 4.37 | 5.07 | 7.65 | 11.04 | 9.12 | | | | | |
| Wickiup Dam | | | | 3.00 | 4.38 | 6.80 | 9.53 | 8.71 | 5.98 | 2.62 | | | |
| PENNSYLVANIA | | | | | | | | | | | | | |
| Pymatuning Dam | | | | | 4.81 | 4.82 | 5.84 | 4.39 | 3.38 | 2.12 | | | |
| Shaver Creek | | | | | 5.01 | 4.15 | 5.85 | 4.19 | 3.36 | 2.35 | | | |
| Wallenpaupack | | | | | 4.90 | 4.70 | 5.54 | 4.05 | 3.77 | 2.14 | | | |
| PUERTO RICO | | | | | | | | | | | | | |
| Mayaguez | 3.75 | 4.68 | 5.40 | 5.28 | 5.39 | 4.73 | 4.15 | 4.30 | 3.81 | 4.46 | 3.35 | 3.90 | 53.20 |
| San Juan | 5.46 | 5.91 | 7.18 | 6.87 | 6.65 | 5.98 | 7.42 | 7.00 | 6.19 | 6.18 | 4.99 | 5.90 | 75.73 |
| TENNESSEE | | | | | | | | | | | | | |
| Lock A | | 2.68 | | 4.88 | 5.98 | 6.78 | 6.93 | 5.33 | 4.39 | 3.23 | 2.38 | .62 | |
| TEXAS | | | | | | | | | | | | | |
| Austin [6] | 2.43 | 2.72 | 5.27 | 4.19 | 4.96 | 7.17 | 6.39 | 11.30 | 5.86 | 4.32 | 4.08 | 2.66 | 61.35 |
| Balmorhea | 2.48 | 3.52 | 6.04 | 7.10 | 9.22 | 10.12 | 10.40 | 7.04 | 6.34 | 4.65 | 4.42 | 3.10 | 74.43 |
| Dennison Dam | 3.42 | | 6.68 | 5.72 | 6.42 | 8.62 | 9.52 | 8.91 | 5.70 | 4.53 | 3.61 | 1.96 | |
| Dilley | 3.18 | 2.90 | 6.84 | 5.65 | 6.53 | 10.04 | 8.65 | 10.00 | 5.81 | 4.32 | 3.70 | 3.56 | 71.18 |
| Fort Stockton | 3.78 | 5.73 | 10.89 | 10.82 | 12.97 | 13.07 | 13.04 | 7.66 | 7.36 | | | 4.12 | |
| Grand Falls | | 5.02 | 8.71 | 10.56 | 13.00 | 15.50 | 15.13 | 12.19 | 8.17 | 6.54 | 6.08 | 3.98 | |
| Red Bluff Falls | 3.15 | 5.28 | 8.55 | 10.19 | 13.52 | 15.08 | 15.07 | 11.01 | 9.51 | 6.54 | 6.19 | 4.28 | 108.37 |
| Ysleta | 3.45 | 4.61 | 8.21 | 10.81 | 13.90 | 14.68 | 12.16 | 9.39 | 7.78 | 5.72 | 5.03 | 2.83 | 98.57 |
| UTAH | | | | | | | | | | | | | |
| Bear River Game Refuge | | | | | | | | 10.76 | 7.09 | | | | |
| Moon Lake | | | | | | | 8.59 | 8.36 | 6.03 | | | | |
| Myton | | | | | | | 7.04 | 6.43 | 5.69 | 3.71 | | | |
| Piute Dam | | | | | | 11.83 | 11.24 | 9.10 | 7.88 | | | | |
| Utah Lake | | | 2.48 | 6.30 | 7.45 | 10.49 | 10.90 | 10.31 | 7.52 | 4.29 | 1.80 | | |
| VIRGIN ISLANDS | | | | | | | | | | | | | |
| St. Croix | 5.24 | 5.41 | 7.50 | 5.97 | | 6.15 | | | 5.52 | | | 4.40 | |
| WASHINGTON | | | | | | | | | | | | | |
| Beverly (near) | | | | 6.94 | 6.92 | 9.83 | 13.88 | 14.00 | 9.40 | 4.60 | | | |
| Kachess Lake | | | | 2.90 | 3.33 | 3.96 | 6.81 | 6.68 | 4.43 | | | | |
| Othello | | | | 5.66 | 5.86 | 9.43 | 13.17 | 12.77 | 8.08 | 3.66 | | | |
| Quincy (near) | | | | 6.64 | 6.21 | 9.28 | 13.66 | 13.74 | 8.97 | | | | |
| Seattle (Maple Leaf) | | .71 | 1.96 | 3.30 | 3.92 | 4.20 | 6.55 | 5.82 | 3.48 | 1.56 | .76 | .16 | |
| Walla Walla | | | 3.04 | 4.69 | 5.23 | 6.79 | 9.13 | 9.71 | 6.15 | 2.92 | | | |
| Wind River | | | | 2.90 | 3.05 | 4.27 | 5.72 | 5.22 | 3.65 | 1.55 | | | |
| WEST VIRGINIA | | | | | | | | | | | | | |
| Clarksburg | | | | 4.53 | 4.85 | 5.02 | 3.68 | 2.60 | 1.74 | | | | |
| Wardensville | | | | 5.38 | 5.55 | 6.65 | 4.80 | 3.84 | 2.96 | | | | |
| WISCONSIN | | | | | | | | | | | | | |
| Marshfield | | | | 4.95 | 5.48 | 5.93 | 5.31 | 4.39 | 3.70 | | | | |
| Trempealeau | | | | 5.28 | 6.57 | 7.46 | 6.50 | 4.05 | 3.92 | | | | |

[1] Station established Sept. 1, 1940. Station closed Mar. 31, 1942. Moved to Bethesda.
[2] Station moved to new location at Newark Apr. 18, 1942.
[3] Station established June 7, 1940.
[4] Station established July 14, 1941.
[5] Station name changed from Keystone Dam to Kingsley Dam.
[6] Station established July 1, 1940.
[7] Station established May 5, 1942.
[8] Station established Aug. 16, 1941.
[9] Station moved from Capitol Grounds to Municipal Airport on Aug. 1, 1942.

# ANNUAL METEOROLOGICAL SUMMARIES, 1942

## MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR 190 STATIONS FOR 1942

### 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; also see Article entitled "Adjustment of Airport Station Pressure Records to Old City Station Elevation" and tables, pages 33 to 35, UNITED STATES METEOROLOGICAL YEARBOOK, 1939.

Attention is called to the fact that the pattern of the Annual Meteorological Summary Tables has in many respects been modified and differs from the fixed arrangement adhered to in years previous to 1930. This change largely came about to make available to investigators additional information accrued by increasing the number of daily observations from two or three to a uniform system of observations at 6-hour intervals, 1:30 and 7:30 a. m. and p. m., 75th meridian time.

*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 quarterly 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 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 deducted from the corrected observations of pressure at 7:30 a. m. and 7:30 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 Alaskan stations the mean is printed uncorrected. The extremes are determined, wherever possible, from the barograph trace.

*Temperature.*—The temperature of the air at 1:30 and 7:30 a. m. and p. m., seventy-fifth meridian time, is obtained by the use of the whirled dry-bulb thermometer. The latter is part of the whirled psychrometer and is mounted in the thermometer shelter adopted in 1885.

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 once or more daily. 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 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 observation of the month itself.

The cloudiness recorded in the summaries is derived from personal observations. The proportion of sky covered by clouds from sunrise to sunset is estimated by the observer on a scale of 0–10.

The monthly means of the dew point and relative

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

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 having 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 light, moderate, thick and dense fog includes all of those on which fog occurred according to the following classifications: Light fog, horizontal range of visibility is not less than ⅝ mile (3,300 feet); moderate fog, horizontal range of visibility lies within the limits, 5/16 mile (1,650 feet) to (but not including) ⅝ mile; thick fog, horizontal visibility lies within the limits, ⅕ mile (1,000 feet) to (but not including) 5/16 mile (1,650 feet), and dense fog, horizontal visibility is reduced to less than ⅕ mile (1,000 feet).

*Time.*—In this part the time indicated is 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.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*

ABILENE, TEX.
Airport [$\phi$=32°26′ N.; $\lambda$=99°41′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 28.36 | 30.21 | 28.77 | 27.85 | 37.2 | 33.5 | 47.9 | 45.9 | 33.2 | 30.5 | 39.4 | 38.3 | 54.6 | 31.4 | 43.0 | 79 | 11 | 28 | 26 | 29 | 28 | 28 | 69 | 74 | 50 | 51 | 61 |
| February | 28.15 | 29.98 | 28.62 | 27.71 | 43.3 | 40.0 | 53.2 | 54.5 | 38.2 | 35.8 | 43.4 | 43.3 | 60.4 | 37.8 | 49.1 | 82 | 15 | 31 | 30 | 31 | 29 | 30 | 62 | 67 | 44 | 39 | 53 |
| March | 28.09 | 29.90 | 28.55 | 27.56 | 48.7 | 43.3 | 63.0 | 63.7 | 40.2 | 37.5 | 47.7 | 47.7 | 70.1 | 42.8 | 56.4 | 88 | 30 | 29 | 29 | 30 | 29 | 29 | 50 | 60 | 31 | 31 | 43 |
| April | 28.09 | 29.87 | 28.48 | 27.74 | 59.0 | 56.4 | 70.8 | 70.3 | 54.8 | 53.5 | 60.6 | 59.4 | 76.9 | 55.2 | 66.0 | 90 | 38 | 51 | 51 | 53 | 52 | 52 | 78 | 83 | 58 | 56 | 69 |
| May | 28.11 | 29.88 | 28.48 | 27.74 | 65.6 | 62.1 | 76.1 | 77.3 | 61.1 | 59.0 | 64.3 | 64.4 | 82.9 | 60.9 | 71.9 | 93 | 44 | 58 | 57 | 57 | 56 | 57 | 78 | 84 | 54 | 51 | 67 |
| June | 28.07 | 29.82 | 28.40 | 27.80 | 73.5 | 70.2 | 85.1 | 85.4 | 68.0 | 66.8 | 71.2 | 71.3 | 91.4 | 69.8 | 80.6 | 106 | 60 | 65 | 65 | 64 | 65 | 65 | 77 | 85 | 52 | 52 | 66 |
| July | 28.22 | 29.97 | 28.40 | 28.05 | 75.7 | 71.2 | 87.9 | 89.9 | 67.3 | 67.3 | 71.9 | 71.1 | 94.5 | 71.5 | 83.0 | 100 | 64 | 63 | 65 | 64 | 62 | 64 | 66 | 82 | 47 | 40 | 59 |
| August | 28.15 | 29.90 | 28.34 | 27.98 | 76.2 | 72.2 | 86.8 | 86.8 | 69.2 | 68.5 | 72.8 | 71.9 | 93.6 | 72.5 | 83.0 | 103 | 68 | 66 | 67 | 67 | 66 | 66 | 73 | 84 | 53 | 53 | 66 |
| September | 28.20 | 29.97 | 28.54 | 27.93 | 66.1 | 62.2 | 78.8 | 77.2 | 62.7 | 60.2 | 66.6 | 65.9 | 84.6 | 61.8 | 73.2 | 93 | 39 | 61 | 59 | 60 | 60 | 60 | 84 | 89 | 54 | 56 | 71 |
| October | 28.19 | 29.98 | 28.48 | 27.82 | 57.7 | 55.4 | 71.2 | 67.2 | 54.7 | 53.1 | 60.0 | 58.8 | 75.6 | 53.1 | 64.4 | 87 | 35 | 52 | 51 | 53 | 54 | 52 | 83 | 87 | 54 | 62 | 72 |
| November | 28.20 | 30.01 | 28.76 | 27.66 | 51.4 | 49.3 | 64.6 | 59.7 | 47.1 | 46.2 | 53.6 | 51.5 | 70.2 | 46.1 | 58.2 | 84 | 28 | 43 | 43 | 44 | 44 | 44 | 73 | 79 | 49 | 58 | 65 |
| December | 28.22 | 30.05 | 28.57 | 27.74 | 42.1 | 39.4 | 52.9 | 48.1 | 39.0 | 37.1 | 44.9 | 42.8 | 59.3 | 36.2 | 47.8 | 76 | 26 | 36 | 34 | 37 | 37 | 36 | 78 | 81 | 58 | 68 | 71 |
| Year | 28.17 | 29.96 | 28.77 | 27.56 | 58.0 | 54.6 | 69.9 | 68.8 | 53.0 | 51.3 | 58.0 | 57.2 | 76.2 | 53.3 | 64.7 | 106 | 11 | 49 | 48 | 49 | 48 | 49 | 73 | 80 | 50 | 51 | 64 |

ALBANY, N. Y.
Airport [$\phi$=42°45′ N.; $\lambda$=73°48′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.94 | 30.04 | 30.44 | 29.12 | 21.9 | 18.7 | 25.5 | 23.9 | 19.9 | 17.0 | 22.3 | 21.5 | 30.9 | 13.1 | 22.0 | 53 | −17 | 15 | 12 | 13 | 15 | 14 | 74 | 75 | 58 | 66 | 68 |
| February | 29.76 | 29.86 | 30.34 | 29.16 | 19.2 | 17.8 | 24.9 | 21.5 | 17.3 | 16.2 | 21.6 | 19.0 | 27.6 | 14.1 | 20.8 | 42 | −5 | 11 | 11 | 13 | 11 | 11 | 69 | 72 | 57 | 61 | 65 |
| March | 29.75 | 29.86 | 30.28 | 28.82 | 34.8 | 33.6 | 43.5 | 39.0 | 32.0 | 31.5 | 37.0 | 34.6 | 45.7 | 30.4 | 38.0 | 64 | 23 | 28 | 28 | 28 | 28 | 28 | 74 | 80 | 55 | 65 | 68 |
| April | 29.90 | 30.00 | 30.26 | 29.46 | 43.6 | 42.9 | 56.6 | 53.9 | 39.5 | 38.9 | 46.5 | 45.2 | 59.9 | 39.1 | 49.5 | 83 | 26 | 35 | 34 | 36 | 36 | 35 | 71 | 72 | 50 | 54 | 62 |
| May | 29.91 | 30.02 | 30.21 | 29.63 | 56.2 | 57.2 | 68.1 | 64.1 | 53.3 | 53.5 | 58.4 | 57.1 | 71.6 | 50.5 | 61.0 | 87 | 34 | 51 | 50 | 51 | 52 | 51 | 83 | 79 | 57 | 66 | 71 |
| June | 29.84 | 29.94 | 30.20 | 29.50 | 61.7 | 63.6 | 75.6 | 70.9 | 58.4 | 59.3 | 64.3 | 62.9 | 78.0 | 57.5 | 67.8 | 90 | 48 | 56 | 56 | 57 | 58 | 57 | 82 | 77 | 55 | 66 | 70 |
| July | 29.85 | 29.96 | 30.20 | 29.58 | 64.9 | 66.8 | 78.5 | 73.0 | 61.8 | 62.8 | 66.7 | 65.6 | 81.1 | 61.0 | 71.0 | 96 | 48 | 60 | 60 | 60 | 61 | 60 | 84 | 80 | 55 | 68 | 72 |
| August | 29.92 | 30.03 | 30.33 | 29.61 | 62.9 | 64.0 | 76.6 | 71.5 | 60.2 | 60.9 | 65.0 | 65.0 | 79.3 | 58.2 | 68.8 | 90 | 40 | 59 | 59 | 58 | 61 | 59 | 86 | 84 | 55 | 71 | 74 |
| September | 29.94 | 30.04 | 30.44 | 29.49 | 56.2 | 56.5 | 69.1 | 62.2 | 54.1 | 54.5 | 59.8 | 57.9 | 73.1 | 50.1 | 61.6 | 90 | 30 | 52 | 53 | 53 | 55 | 53 | 88 | 88 | 60 | 78 | 78 |
| October | 29.95 | 30.06 | 30.54 | 29.42 | 46.7 | 45.0 | 59.8 | 52.2 | 44.0 | 42.6 | 50.9 | 47.5 | 62.3 | 40.6 | 51.4 | 74 | 28 | 41 | 40 | 42 | 43 | 42 | 81 | 83 | 54 | 72 | 72 |
| November | 29.93 | 30.04 | 30.49 | 29.32 | 37.0 | 35.4 | 43.8 | 38.9 | 34.3 | 33.5 | 38.2 | 35.5 | 46.6 | 30.1 | 38.4 | 64 | 15 | 30 | 30 | 30 | 30 | 30 | 76 | 82 | 59 | 72 | 72 |
| December | 29.92 | 30.02 | 30.78 | 28.48 | 21.5 | 20.6 | 27.2 | 23.6 | 19.9 | 19.2 | 23.8 | 21.5 | 29.6 | 15.7 | 22.6 | 42 | −18 | 16 | 15 | 16 | 16 | 16 | 78 | 78 | 60 | 70 | 72 |
| Year | 29.88 | 29.99 | 30.78 | 28.48 | 43.9 | 43.5 | 54.1 | 49.6 | 41.2 | 40.8 | 46.2 | 44.4 | 57.1 | 38.4 | 47.7 | 96 | −18 | 38 | 37 | 38 | 39 | 38 | 79 | 79 | 56 | 67 | 70 |

ALBUQUERQUE, N. MEX.
Airport [$\phi$=35°03′ N.; $\lambda$=106°37′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 25.15 | 30.16 | 25.48 | 24.75 | 32.9 | 27.6 | 40.7 | 44.0 | 27.8 | 24.5 | 32.8 | 34.2 | 49.6 | 24.4 | 37.0 | 63 | 9 | 20 | 19 | 22 | 21 | 20 | 56 | 68 | 45 | 38 | 52 |
| Fenruary | 24.94 | 29.90 | 25.22 | 24.66 | 33.0 | 27.8 | 40.6 | 43.9 | 27.1 | 23.8 | 32.3 | 33.5 | 48.4 | 24.1 | 36.2 | 63 | 7 | 17 | 16 | 20 | 17 | 18 | 49 | 61 | 44 | 36 | 47 |
| March | 24.97 | 29.89 | 25.29 | 24.52 | 39.8 | 32.5 | 48.6 | 52.7 | 32.0 | 27.9 | 36.9 | 38.6 | 56.7 | 29.9 | 43.3 | 69 | 17 | 20 | 20 | 22 | 20 | 20 | 46 | 60 | 35 | 29 | 42 |
| April | 24.94 | 29.78 | 25.24 | 24.56 | 51.6 | 44.7 | 60.1 | 63.7 | 42.8 | 39.5 | 46.4 | 47.5 | 68.0 | 41.6 | 54.8 | 78 | 34 | 34 | 34 | 33 | 32 | 33 | 54 | 67 | 39 | 34 | 49 |
| May | 24.97 | 29.77 | 25.28 | 24.66 | 59.9 | 51.3 | 70.1 | 76.4 | 44.8 | 41.2 | 50.4 | 51.6 | 79.4 | 49.5 | 64.4 | 93 | 36 | 29 | 30 | 32 | 28 | 30 | 31 | 45 | 25 | 17 | 30 |
| June | 24.99 | 29.73 | 25.33 | 24.81 | 72.0 | 61.5 | 81.3 | 87.5 | 52.1 | 48.1 | 56.7 | 57.9 | 90.1 | 59.5 | 74.8 | 97 | 50 | 34 | 35 | 38 | 35 | 35 | 28 | 40 | 23 | 18 | 27 |
| July | 25.13 | 29.88 | 25.36 | 24.97 | 73.5 | 65.9 | 84.8 | 89.3 | 57.9 | 55.6 | 61.8 | 60.9 | 93.4 | 64.2 | 78.8 | 100 | 55 | 48 | 48 | 48 | 42 | 46 | 42 | 55 | 29 | 20 | 36 |
| August | 25.09 | 29.84 | 25.26 | 24.90 | 70.6 | 64.7 | 80.2 | 82.3 | 60.9 | 58.3 | 63.0 | 61.7 | 88.6 | 63.0 | 75.8 | 94 | 58 | 56 | 54 | 54 | 50 | 53 | 60 | 70 | 41 | 34 | 52 |
| September | 25.08 | 29.88 | 25.36 | 24.85 | 64.5 | 58.7 | 73.6 | 77.4 | 53.8 | 51.2 | 57.0 | 56.9 | 81.4 | 55.9 | 68.6 | 89 | 45 | 45 | 45 | 45 | 41 | 44 | 53 | 62 | 39 | 31 | 46 |
| October | 25.07 | 29.92 | 25.35 | 24.70 | 54.9 | 48.4 | 63.0 | 65.0 | 45.2 | 42.9 | 49.3 | 49.3 | 69.9 | 45.7 | 57.8 | 82 | 33 | 36 | 38 | 37 | 35 | 36 | 51 | 68 | 42 | 36 | 49 |
| November | 25.07 | 29.98 | 25.49 | 24.70 | 44.3 | 38.2 | 53.2 | 55.6 | 36.0 | 33.0 | 41.2 | 42.0 | 62.0 | 34.2 | 48.1 | 71 | 24 | 26 | 26 | 28 | 26 | 26 | 47 | 61 | 37 | 32 | 44 |
| December | 25.08 | 30.04 | 25.35 | 24.62 | 37.3 | 32.6 | 43.3 | 45.7 | 33.1 | 29.8 | 36.7 | 37.7 | 51.8 | 29.9 | 40.8 | 68 | 22 | 28 | 26 | 29 | 28 | 28 | 69 | 76 | 58 | 52 | 63 |
| Year | 25.04 | 29.90 | 25.49 | 24.52 | 52.9 | 46.2 | 61.6 | 65.3 | 42.8 | 39.6 | 47.0 | 47.6 | 69.9 | 43.5 | 56.7 | 100 | 7 | 33 | 33 | 34 | 31 | 32 | 49 | 61 | 38 | 31 | 45 |

ALPENA, MICH.
[$\phi$=45°04′ N.; $\lambda$=83°26′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.29 | 29.98 | 29.76 | 28.24 | 20.1 | 19.7 | 24.9 | 22.2 | 19.0 | 18.8 | 23.0 | 20.8 | 28.2 | 14.6 | 21.4 | 46 | −8 | 16 | 17 | 19 | 18 | 17 | 84 | 87 | 76 | 82 | 82 |
| February | 29.37 | 30.06 | 29.81 | 28.76 | 18.2 | 16.9 | 22.7 | 21.3 | 17.3 | 16.2 | 20.9 | 20.1 | 25.5 | 12.5 | 19.0 | 39 | −6 | 15 | 15 | 16 | 17 | 16 | 86 | 89 | 75 | 83 | 83 |
| March | 29.15 | 29.84 | 29.71 | 27.95 | 29.4 | 28.4 | 34.8 | 32.9 | 28.3 | 27.5 | 31.8 | 30.8 | 36.6 | 25.5 | 31.0 | 46 | 9 | 27 | 26 | 27 | 26 | 27 | 88 | 90 | 73 | 80 | 83 |
| April | 29.39 | 30.07 | 29.75 | 28.85 | 41.2 | 41.6 | 51.9 | 48.2 | 38.4 | 38.0 | 43.6 | 42.0 | 56.7 | 36.7 | 46.7 | 83 | 27 | 35 | 41 | 35 | 35 | 36 | 78 | 73 | 56 | 61 | 67 |
| May | 29.31 | 29.98 | 29.66 | 28.81 | 48.8 | 49.2 | 55.7 | 53.6 | 46.0 | 46.4 | 49.4 | 48.7 | 59.9 | 43.8 | 51.8 | 79 | 32 | 43 | 43 | 44 | 44 | 44 | 81 | 81 | 66 | 73 | 75 |
| June | 29.32 | 29.97 | 29.65 | 28.92 | 56.5 | 59.4 | 67.4 | 63.8 | 54.2 | 55.5 | 59.7 | 57.7 | 70.7 | 53.3 | 62.0 | 84 | 45 | 52 | 52 | 55 | 53 | 53 | 87 | 79 | 65 | 70 | 75 |
| July | 29.32 | 29.98 | 29.59 | 29.01 | 61.8 | 62.9 | 72.6 | 69.4 | 58.8 | 59.4 | 63.2 | 62.2 | 75.5 | 57.0 | 66.2 | 91 | 43 | 57 | 57 | 57 | 58 | 57 | 84 | 82 | 61 | 68 | 74 |
| August | 29.36 | 30.02 | 29.68 | 28.98 | 62.6 | 61.7 | 72.4 | 69.3 | 59.6 | 59.1 | 63.3 | 62.4 | 75.0 | 57.7 | 66.4 | 92 | 46 | 58 | 57 | 57 | 58 | 58 | 84 | 86 | 61 | 69 | 75 |
| September | 29.34 | 30.00 | 29.77 | 28.84 | 54.7 | 53.2 | 62.7 | 58.6 | 52.2 | 51.2 | 56.0 | 54.3 | 65.6 | 49.0 | 57.3 | 86 | 31 | 50 | 49 | 51 | 51 | 50 | 85 | 87 | 67 | 77 | 79 |
| October | 29.30 | 29.97 | 29.83 | 28.62 | 44.9 | 42.8 | 54.8 | 49.2 | 42.4 | 40.8 | 47.8 | 45.5 | 56.7 | 39.4 | 48.0 | 79 | 27 | 40 | 38 | 41 | 42 | 40 | 83 | 85 | 61 | 76 | 76 |
| November | 29.30 | 29.98 | 29.83 | 28.56 | 35.0 | 33.6 | 39.4 | 36.7 | 33.1 | 31.8 | 34.9 | 34.2 | 43.5 | 29.0 | 36.2 | 60 | 15 | 30 | 29 | 28 | 30 | 30 | 82 | 83 | 65 | 78 | 77 |
| December | 29.32 | 30.01 | 29.95 | 28.26 | 22.7 | 21.7 | 25.7 | 24.1 | 21.7 | 20.9 | 24.1 | 22.9 | 28.0 | 17.9 | 23.0 | 37 | −5 | 20 | 19 | 21 | 20 | 20 | 87 | 89 | 81 | 85 | 85 |
| Year | 29.31 | 29.99 | 29.95 | 27.95 | 41.3 | 40.9 | 48.8 | 45.8 | 39.2 | 38.8 | 43.1 | 41.8 | 51.8 | 36.4 | 44.1 | 92 | −8 | 37 | 37 | 38 | 38 | 37 | 84 | 84 | 67 | 75 | 78 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation; Abilene, Tex., 1,778 feet; Albany, N. Y., 97 feet.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

ABILENE, TEX.

Airport [$H$=1,752 ft.; $H_b$=1,753 ft.; $H_i$=4 ft.; $H_r$=2 ft.; $H_a$=41 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | | |
| January | 0.08 | 0.06 | 0.1 | 5.5 | 8.6 | s. | 29 | s. | 0 | 9 | 9 | 13 | 3 | 1 | 4 | 1 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 14 | 0 | 1 |
| February | .58 | .42 | T | 5.4 | 11.1 | s. | 30 | s. | 0 | 8 | 11 | 9 | 5 | 5 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| March | .43 | .18 | T | 4.6 | 12.2 | s. | 34 | se. | 1 | 13 | 8 | 10 | 5 | 2 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| April | 4.65 | 1.62 | .0 | 5.5 | 12.1 | s. | 32 | nw. | 1 | 12 | 8 | 10 | 10 | 9 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| May | 5.54 | 3.80 | .0 | 5.1 | 11.8 | s. | 30 | nw. | 0 | 8 | 15 | 8 | 9 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 |
| June | 2.21 | .93 | .0 | 4.7 | 10.5 | s. | 25 | n. | 0 | 14 | 8 | 8 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 11 | 0 | 0 | 8 |
| July | .19 | .18 | .0 | 3.4 | 10.1 | s. | 21 | s. | 0 | 19 | 11 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 17 | 0 | 0 | 2 |
| August | 3.52 | 2.09 | .0 | 5.7 | 9.2 | s. | 24 | e. | 0 | 7 | 15 | 9 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | 0 | 0 | 5 |
| September | 2.35 | 1.76 | .0 | 4.1 | 8.5 | s. | 23 | n. | 0 | 15 | 10 | 5 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 4 |
| October | 5.37 | 3.96 | .0 | 5.1 | 8.3 | s. | 28 | w. | 0 | 9 | 11 | 11 | 6 | 5 | 0 | 0 | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 5 |
| November | .29 | .15 | .0 | 3.9 | 11.4 | s. | 30 | n. | 0 | 15 | 8 | 7 | 3 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 3 | 0 | 0 |
| December | 2.54 | 1.04 | T | 4.6 | 9.5 | s. | 24 | w. | 0 | 16 | 3 | 12 | 5 | 4 | 3 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 1 |
| Year | 27.75 | 3.96 | 0.1 | 4.8 | 10.3 | s. | 34 | se. | 2 | 145 | 117 | 103 | 70 | 51 | 11 | 3 | 4 | 14 | 7 | 4 | 2 | 3 | 94 | 43 | 37 | 0 | 43 |

ALBANY, N. Y.

Airport [$H$=277 ft.; $H_b$=292 ft.; $H_i$=26 ft.; $H_r$=25 ft.; $H_a$=40 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.71 | 0.61 | 11.5 | 6.0 | 10.5 | s. | 36 | nw. | 4 | 9 | 7 | 15 | 10 | 6 | 18 | 8 | 0 | 12 | 4 | 2 | 2 | 13 | 0 | 0 | 29 | 7 | 0 |
| February | .95 | .40 | 7.0 | 6.6 | 13.6 | nw. | 40 | w. | 10 | 6 | 7 | 15 | 8 | 6 | 20 | 5 | 0 | 6 | 0 | 1 | 0 | 16 | 0 | 0 | 28 | 4 | 0 |
| March | 4.01 | 1.35 | 13.3 | 7.1 | 11.5 | w. | 42 | s. | 7 | 4 | 9 | 18 | 16 | 11 | 16 | 10 | 0 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 24 | 0 | 1 |
| April | 1.85 | .58 | 6.9 | 6.5 | 10.6 | n. | 36 | w. | 2 | 6 | 10 | 14 | 13 | 10 | 5 | 2 | 0 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 1 |
| May | 2.46 | .82 | .0 | 7.0 | 9.8 | s. | 34 | s. | 1 | 4 | 13 | 14 | 12 | 10 | 0 | 0 | 0 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| June | 2.52 | .59 | .0 | 6.5 | 7.9 | s. | 25 | se. | 0 | 6 | 10 | 14 | 12 | 9 | 0 | 0 | 0 | 16 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 6 |
| July | 6.58 | 1.62 | .0 | 6.6 | 7.3 | s. | 28 | w. | 0 | 5 | 13 | 13 | 14 | 13 | 0 | 0 | 1 | 19 | 4 | 3 | 1 | 0 | 3 | 1 | 0 | 0 | 9 |
| August | .66 | .29 | .0 | 6.4 | 6.6 | s. | 26 | s. | 0 | 5 | 14 | 12 | 6 | 4 | 0 | 0 | 0 | 16 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| September | 4.52 | 1.79 | .0 | 5.4 | 7.4 | s. | 32 | nw. | 1 | 11 | 7 | 12 | 10 | 9 | 0 | 0 | 0 | 20 | 5 | 4 | 2 | 0 | 1 | 0 | 2 | 0 | 1 |
| October | 2.85 | 1.19 | T | 5.7 | 8.1 | s. | 27 | s. | 0 | 7 | 14 | 10 | 9 | 7 | 2 | 0 | 0 | 16 | 4 | 1 | 5 | 0 | 0 | 0 | 4 | 0 | 0 |
| November | 3.34 | 1.38 | .9 | 7.0 | 9.9 | s. | 38 | s. | 4 | 3 | 13 | 14 | 12 | 9 | 8 | 3 | 0 | 13 | 1 | 1 | 1 | 2 | 0 | 0 | 20 | 0 | 0 |
| December | 4.24 | 1.77 | 7.3 | 7.0 | 10.1 | w. | 38 | w. | 5 | 6 | 5 | 20 | 13 | 10 | 19 | 8 | 0 | 10 | 0 | 0 | 0 | 15 | 0 | 0 | 31 | 6 | 0 |
| Year | 35.69 | 1.79 | 46.9 | 6.5 | 9.4 | s. | 42 | s. | 34 | 72 | 122 | 171 | 135 | 104 | 88 | 36 | 1 | 159 | 24 | 18 | 19 | 46 | 4 | 1 | 142 | 17 | 25 |

ALBUQUERQUE, N. MEX.

[$H$=5,310 ft.; $H_b$=5,314 ft.; $H_i$=5 ft.; $H_r$=3 ft.; $H_a$=45 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.13 | 0.11 | 2.1 | 4.5 | 8.6 | n. | 38 | e. | 3 | 12 | 14 | 5 | 2 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ---- | 28 | 0 | 0 |
| February | .54 | .40 | 3.0 | 5.6 | 10.6 | n. | 40 | s. | 7 | 8 | 10 | 10 | 5 | 2 | 8 | 4 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | ---- | 26 | 0 | 1 |
| March | .39 | .35 | 7.1 | 4.3 | 9.2 | w. | 38 | nw. | 3 | 13 | 12 | 6 | 4 | 1 | 6 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | ---- | 20 | 0 | 0 |
| April | 1.97 | 1.04 | T | 5.4 | 11.7 | s. | 56 | s. | 11 | 8 | 11 | 11 | 10 | 8 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | ---- | 0 | 0 | 9 |
| May | T | T | .0 | 2.5 | 10.6 | sw. | 40 | sw. | 10 | 22 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | ---- | 0 | 0 | 3 |
| June | .22 | .16 | .0 | 2.2 | 11.1 | se. | 42 | e. | 9 | 21 | 6 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | ---- | 0 | 0 | 4 |
| July | .20 | .10 | .0 | 3.6 | 9.7 | se. | 43 | e. | 8 | 19 | 11 | 1 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | ---- | 0 | 0 | 18 |
| August | 1.42 | .61 | .0 | 4.6 | 9.1 | se. | 44 | se. | 6 | 11 | 16 | 4 | 15 | 11 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 12 | ---- | 0 | 0 | 22 |
| September | 1.55 | 1.37 | .0 | 3.0 | 8.7 | se. | 38 | e. | 5 | 17 | 10 | 3 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ---- | 0 | 0 | 6 |
| October | .73 | .44 | .0 | 4.7 | 8.0 | se. | 34 | se. | 1 | 12 | 12 | 7 | 7 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | ---- | 0 | 0 | 4 |
| November | T | T | T | 3.2 | 8.3 | n. | 39 | nw. | 4 | 17 | 9 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ---- | 11 | 0 | 0 |
| December | 1.10 | .42 | T | 4.5 | 7.4 | n. | 30 | nw. | 0 | 14 | 8 | 9 | 8 | 4 | 4 | 1 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | ---- | 21 | 0 | 2 |
| Year | 8.25 | 1.37 | 12.2 | 4.0 | 9.4 | se. | 56 | s. | 67 | 174 | 125 | 66 | 67 | 39 | 24 | 11 | 4 | 5 | 3 | 3 | 2 | 0 | 60 | ---- | 106 | 0 | 69 |

ALPENA, MICH.

[$H$=587 ft.; $H_b$=609 ft.; $H_i$=5 ft.; $H_r$=4 ft.; $H_b$=89 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.71 | 0.71 | 13.7 | 7.8 | 11.8 | sw. | 35 | nw. | 2 | 4 | 7 | 20 | 14 | 7 | 23 | 13 | 0 | 1 | 0 | 0 | 0 | 15 | 0 | 0 | 30 | 6 | 0 |
| February | .70 | .19 | 8.0 | 8.0 | 12.0 | nw. | 31 | nw. | 0 | 2 | 7 | 19 | 10 | 5 | 23 | 10 | 0 | 2 | 2 | 1 | 0 | 22 | 0 | 0 | 28 | 4 | 0 |
| March | 3.92 | 1.46 | 19.8 | 7.3 | 12.6 | nw. | 44 | nw. | 5 | 5 | 7 | 19 | 12 | 9 | 16 | 10 | 0 | 3 | 1 | 1 | 1 | 5 | 0 | 0 | 26 | 0 | 2 |
| April | 1.79 | .67 | .5 | 4.8 | 10.9 | nw. | 30 | nw. | 0 | 11 | 10 | 9 | 8 | 4 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 4 |
| May | 3.23 | .95 | .0 | 7.5 | 11.2 | se. | 31 | e. | 0 | 3 | 11 | 17 | 17 | 13 | 0 | 0 | 0 | 8 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 4 |
| June | 1.56 | .57 | .0 | 5.7 | 8.5 | se. | 28 | nw. | 0 | 7 | 13 | 10 | 13 | 9 | 0 | 0 | 0 | 7 | 5 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | 1.82 | .74 | .0 | 5.0 | 9.9 | nw. | 29 | nw. | 0 | 10 | 13 | 8 | 14 | 8 | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 6 |
| August | 1.22 | .44 | .0 | 5.5 | 9.4 | nw. | 30 | w. | 0 | 10 | 12 | 9 | 6 | 4 | 0 | 0 | 0 | 7 | 2 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| September | 3.43 | .96 | T | 6.5 | 10.3 | s. | 32 | w. | 1 | 5 | 12 | 13 | 16 | 11 | 3 | 2 | 1 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |
| October | .79 | .28 | T | 5.9 | 10.6 | sw. | 27 | nw. | 0 | 9 | 11 | 11 | 10 | 6 | 3 | 0 | 0 | 10 | 5 | 2 | 2 | 0 | 0 | 0 | 5 | 0 | 1 |
| November | 1.05 | .58 | 2.4 | 7.5 | 11.7 | nw. | 37 | nw. | 2 | 4 | 6 | 20 | 13 | 8 | 13 | 7 | 0 | 7 | 1 | 1 | 0 | 5 | 0 | 0 | 23 | 0 | 0 |
| December | 3.44 | 2.09 | 17.2 | 9.1 | 11.5 | sw. | 32 | nw. | 1 | 0 | 4 | 27 | 20 | 10 | 24 | 18 | 0 | 3 | 1 | 1 | 0 | 21 | 0 | 0 | 31 | 2 | 0 |
| Year | 24.66 | 2.09 | 61.6 | 6.7 | 10.9 | nw. | 44 | nw. | 11 | 70 | 113 | 182 | 153 | 94 | 107 | 62 | 1 | 60 | 24 | 19 | 10 | 68 | 2 | 0 | 157 | 12 | 26 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

AMARILLO, TEX.
Airport [$\phi$=35° 14′ N.; $\lambda$=101° 42′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 26.37 | 30.20 | 26.79 | 25.90 | 28.0 | 24.7 | 41.0 | 39.9 | 25.1 | 22.4 | 33.3 | 32.5 | 49.3 | 20.4 | 34.8 | 71 | −5 | 21 | 18 | 23 | 22 | 21 | 75 | 76 | 52 | 52 | 64 |
| February | 26.18 | 29.97 | 26.54 | 25.78 | 30.8 | 26.1 | 42.4 | 43.8 | 27.0 | 23.9 | 34.6 | 34.8 | 51.0 | 22.8 | 36.9 | 70 | 0 | 20 | 20 | 24 | 22 | 21 | 65 | 77 | 51 | 46 | 60 |
| March | 26.14 | 29.88 | 26.60 | 25.64 | 37.6 | 33.0 | 51.5 | 53.8 | 33.3 | 30.0 | 40.7 | 42.2 | 58.5 | 29.5 | 44.0 | 79 | 18 | 28 | 26 | 28 | 29 | 27 | 67 | 74 | 44 | 41 | 56 |
| April | 26.16 | 29.85 | 26.52 | 25.73 | 51.2 | 47.0 | 61.6 | 63.0 | 47.5 | 44.6 | 51.5 | 52.1 | 68.1 | 44.3 | 56.2 | 87 | 30 | 44 | 42 | 43 | 43 | 43 | 79 | 84 | 57 | 54 | 68 |
| May | 26.20 | 29.85 | 26.59 | 25.77 | 56.8 | 51.5 | 71.2 | 74.2 | 50.9 | 48.4 | 56.4 | 57.1 | 77.8 | 49.2 | 63.5 | 95 | 33 | 46 | 46 | 45 | 44 | 45 | 69 | 82 | 44 | 38 | 58 |
| June | 26.19 | 29.80 | 26.60 | 25.93 | 68.2 | 63.3 | 79.8 | 81.6 | 61.1 | 59.6 | 65.1 | 64.7 | 86.6 | 62.2 | 74.4 | 103 | 49 | 57 | 58 | 57 | 55 | 57 | 71 | 83 | 51 | 45 | 62 |
| July | 26.34 | 29.95 | 26.58 | 26.17 | 71.7 | 65.8 | 87.1 | 87.6 | 62.2 | 60.8 | 66.6 | 65.8 | 92.1 | 65.1 | 78.6 | 99 | 55 | 57 | 58 | 56 | 54 | 56 | 61 | 77 | 36 | 33 | 52 |
| August | 26.30 | 29.92 | 26.52 | 26.14 | 69.5 | 64.7 | 81.7 | 81.1 | 64.0 | 62.3 | 67.3 | 67.5 | 87.1 | 63.6 | 75.4 | 96 | 55 | 61 | 61 | 60 | 61 | 61 | 76 | 88 | 50 | 53 | 67 |
| September | 26.30 | 29.96 | 26.65 | 25.96 | 60.5 | 55.7 | 73.1 | 74.1 | 56.1 | 53.6 | 60.7 | 60.9 | 79.1 | 53.9 | 66.5 | 94 | 39 | 53 | 52 | 52 | 52 | 52 | 77 | 87 | 52 | 49 | 66 |
| October | 26.28 | 29.99 | 26.59 | 25.85 | 51.3 | 47.9 | 62.8 | 60.1 | 48.4 | 46.2 | 53.6 | 53.2 | 67.5 | 46.0 | 56.8 | 84 | 33 | 46 | 44 | 47 | 48 | 46 | 83 | 88 | 59 | 67 | 74 |
| November | 26.25 | 29.99 | 26.78 | 25.71 | 42.5 | 39.4 | 57.9 | 52.0 | 38.3 | 36.6 | 46.9 | 44.0 | 64.0 | 34.4 | 49.2 | 81 | 17 | 33 | 33 | 36 | 36 | 34 | 69 | 78 | 45 | 55 | 62 |
| December | 26.26 | 30.05 | 26.63 | 25.82 | 32.2 | 29.7 | 43.2 | 40.5 | 30.4 | 28.3 | 37.3 | 36.1 | 50.0 | 26.0 | 38.0 | 70 | 12 | 28 | 26 | 30 | 31 | 29 | 84 | 86 | 62 | 70 | 75 |
| Year | 26.25 | 29.95 | 26.79 | 25.64 | 50.0 | 45.7 | 62.8 | 62.6 | 45.4 | 43.1 | 51.2 | 50.9 | 69.3 | 43.1 | 56.2 | 103 | −5 | 41 | 40 | 42 | 41 | 41 | 73 | 82 | 50 | 50 | 64 |

ANCHORAGE, ALASKA
[2] Airport [$\phi$=61° 13′ N.; $\lambda$=149° 52′ W.] City [$\phi$=61° 13′ N.; $\lambda$=149° 52′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.47 | 29.62 | 30.19 | 28.41 | 24.6 | 24.3 | 22.8 | 25.8 | 23.8 | 23.4 | 22.3 | 24.7 | 28.6 | 19.4 | 24.0 | 46 | −1 | 22 | 22 | 21 | 23 | 22 | 91 | 90 | 94 | 87 | 91 |
| February | 29.54 | 29.69 | 30.32 | 28.52 | 29.9 | 28.6 | 28.0 | 31.9 | 28.8 | 27.5 | 27.2 | 30.2 | 34.6 | 25.4 | 30.0 | 47 | 17 | 27 | 26 | 26 | 28 | 27 | 89 | 88 | 92 | 83 | 88 |
| March | 29.45 | 29.60 | 30.04 | 28.36 | 26.8 | 22.3 | 22.8 | 30.6 | 24.9 | 20.7 | 21.4 | 27.3 | 32.5 | 18.5 | 25.5 | 46 | −1 | 21 | 17 | 18 | 21 | 19 | 78 | 78 | 80 | 66 | 76 |
| April | 29.52 | 29.66 | 30.04 | 28.83 | 39.0 | 33.8 | 36.6 | 44.6 | 35.5 | 31.7 | 33.9 | 38.8 | 46.3 | 31.1 | 38.7 | 53 | 24 | 30 | 29 | 30 | 31 | 30 | 71 | 80 | 76 | 59 | 72 |
| May | 29.80 | 29.95 | 30.26 | 29.22 | 52.2 | 44.3 | 49.7 | 56.0 | 46.4 | 41.6 | 45.3 | 48.9 | 59.8 | 41.7 | 50.8 | 72 | 31 | 40 | 38 | 41 | 42 | 40 | 66 | 80 | 72 | 61 | 70 |
| June | 29.73 | 29.88 | 30.16 | 29.27 | 57.5 | 48.7 | 55.0 | 60.3 | 51.5 | 46.0 | 50.4 | 52.9 | 63.6 | 47.3 | 55.4 | 77 | 43 | 46 | 43 | 46 | 46 | 46 | 68 | 82 | 73 | 61 | 71 |
| July [2] | 29.81 | 30.01 | 30.20 | 29.55 | 58.8 | 52.9 | 58.6 | 63.9 | 53.7 | 50.4 | 53.4 | 55.5 | 64.2 | 51.4 | 57.8 | 73 | 47 | 50 | 48 | 49 | 49 | 49 | 72 | 84 | 72 | 60 | 72 |
| August | 29.65 | 29.86 | 30.13 | 29.16 | 56.5 | 50.9 | 55.7 | 62.0 | 52.6 | 49.0 | 51.6 | 54.4 | 62.6 | 48.4 | 55.5 | 70 | 42 | 49 | 47 | 48 | 48 | 48 | 78 | 88 | 76 | 62 | 76 |
| September | 29.69 | 29.91 | 30.17 | 29.16 | 51.2 | 47.5 | 50.2 | 57.6 | 49.2 | 46.4 | 47.7 | 51.3 | 58.4 | 44.5 | 51.4 | 71 | 28 | 47 | 45 | 45 | 46 | 46 | 87 | 92 | 84 | 66 | 82 |
| October | 29.32 | 29.54 | 30.04 | 28.78 | 36.0 | 33.4 | 33.9 | 40.4 | 34.4 | 32.3 | 32.7 | 37.3 | 42.8 | 32.5 | 37.6 | 55 | 17 | 32 | 31 | 31 | 33 | 32 | 86 | 90 | 89 | 75 | 85 |
| November | 29.48 | 29.71 | 30.04 | 28.73 | 10.8 | 9.8 | 10.3 | 17.6 | 10.1 | 9.2 | 9.7 | 16.3 | 21.4 | 10.3 | 15.8 | 32 | −8 | 7 | 7 | 7 | 12 | 8 | 85 | 86 | 87 | 78 | 84 |
| December | 29.51 | 29.75 | 29.95 | 28.74 | 3.1 | −2.7 | −3.9 | −2.7 | 2.5 | −3.2 | −4.4 | −3.1 | 10.4 | −1.5 | 4.4 | 30 | −16 | −1 | −6 | −9 | −7 | −6 | 82 | 84 | 80 | 82 | 82 |
| Year | 29.58 | 29.76 | 30.32 | 28.36 | 37.2 | 32.8 | 35.0 | 40.7 | 34.4 | 31.2 | 32.6 | 36.2 | 43.8 | 30.8 | 37.2 | 77 | −16 | 31 | 29 | 29 | 31 | 30 | 79 | 85 | 81 | 70 | 79 |

APALACHICOLA, FLA.
[$\phi$=29°45′ N.; $\lambda$=84°58′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.12 | 30.16 | 30.56 | 29.63 | 49.0 | 46.1 | 57.3 | 53.4 | 46.5 | 43.7 | 50.0 | 49.1 | 60.8 | 43.3 | 52.0 | 76 | 23 | 43 | 41 | 42 | 44 | 43 | 81 | 82 | 59 | 72 | 74 |
| February | 29.99 | 30.03 | 30.39 | 29.32 | 48.6 | 46.3 | 55.0 | 52.8 | 45.7 | 43.9 | 48.4 | 48.1 | 58.7 | 43.9 | 51.3 | 69 | 34 | 42 | 41 | 40 | 43 | 42 | 80 | 82 | 61 | 71 | 73 |
| March | 29.95 | 29.99 | 30.24 | 29.37 | 55.4 | 54.5 | 63.6 | 59.3 | 52.6 | 52.4 | 55.5 | 54.6 | 65.3 | 51.6 | 58.4 | 72 | 40 | 50 | 50 | 48 | 50 | 50 | 83 | 86 | 63 | 74 | 77 |
| April | 30.05 | 30.09 | 30.29 | 29.77 | 62.7 | 61.7 | 72.9 | 68.3 | 59.2 | 58.0 | 62.3 | 61.5 | 74.8 | 58.9 | 66.8 | 87 | 44 | 57 | 55 | 55 | 57 | 56 | 82 | 80 | 56 | 68 | 71 |
| May | 29.98 | 30.02 | 30.14 | 29.69 | 69.8 | 70.5 | 79.0 | 75.2 | 68.1 | 67.4 | 70.0 | 69.4 | 81.0 | 66.1 | 73.6 | 86 | 57 | 67 | 66 | 65 | 66 | 66 | 91 | 86 | 65 | 75 | 79 |
| June | 29.92 | 29.96 | 30.12 | 29.71 | 77.0 | 78.5 | 83.4 | 81.0 | 74.7 | 75.0 | 76.5 | 75.7 | 86.1 | 74.0 | 80.0 | 91 | 70 | 74 | 74 | 74 | 74 | 74 | 89 | 85 | 74 | 79 | 82 |
| July | 30.04 | 30.08 | 30.19 | 29.83 | 80.2 | 79.9 | 87.4 | 85.0 | 76.1 | 76.0 | 78.2 | 77.0 | 90.4 | 76.4 | 83.4 | 98 | 72 | 74 | 74 | 75 | 74 | 74 | 83 | 84 | 67 | 70 | 76 |
| August | 29.99 | 30.03 | 30.14 | 29.88 | 80.0 | 79.4 | 85.8 | 81.4 | 76.0 | 75.5 | 77.5 | 75.9 | 88.4 | 76.0 | 82.2 | 92 | 68 | 74 | 74 | 74 | 74 | 74 | 84 | 84 | 69 | 78 | 78 |
| September | 29.96 | 30.00 | 30.21 | 29.65 | 75.3 | 73.8 | 82.1 | 78.6 | 71.9 | 70.7 | 74.7 | 73.2 | 84.5 | 71.1 | 77.8 | 95 | 58 | 70 | 69 | 72 | 71 | 70 | 85 | 86 | 71 | 78 | 80 |
| October | 29.97 | 30.00 | 30.20 | 29.79 | 67.3 | 68.4 | 77.9 | 72.4 | 63.3 | 61.9 | 67.3 | 66.4 | 79.8 | 62.5 | 71.2 | 85 | 44 | 61 | 60 | 61 | 63 | 61 | 80 | 85 | 58 | 73 | 74 |
| November | 30.06 | 30.10 | 30.29 | 29.77 | 60.2 | 57.1 | 69.5 | 64.5 | 56.4 | 54.3 | 60.8 | 59.4 | 71.5 | 54.9 | 63.1 | 80 | 40 | 53 | 52 | 54 | 55 | 53 | 79 | 83 | 60 | 73 | 74 |
| December | 30.07 | 30.11 | 30.50 | 29.62 | 54.7 | 53.3 | 61.1 | 58.0 | 53.0 | 51.9 | 56.0 | 55.1 | 64.3 | 49.0 | 56.6 | 79 | 33 | 51 | 50 | 51 | 52 | 51 | 87 | 90 | 73 | 82 | 83 |
| Year | 30.01 | 30.05 | 30.56 | 29.32 | 65.0 | 64.1 | 72.9 | 69.2 | 62.0 | 60.9 | 64.8 | 63.8 | 75.5 | 60.6 | 68.0 | 98 | 23 | 60 | 59 | 59 | 60 | 60 | 84 | 84 | 65 | 74 | 77 |

ASHEVILLE, N. C.
[$\phi$=35°36′ N.; $\lambda$=82°32′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 27.72 | 30.14 | 28.11 | 27.17 | 34.3 | 31.4 | 43.0 | 38.6 | 31.2 | 29.1 | 35.1 | 33.6 | 47.3 | 27.5 | 37.4 | 68 | −2 | 26 | 25 | 24 | 26 | 25 | 72 | 78 | 48 | 63 | 65 |
| February | 27.60 | 30.03 | 27.98 | 27.05 | 30.7 | 28.2 | 37.9 | 35.5 | 28.6 | 26.1 | 32.3 | 31.3 | 41.4 | 25.6 | 33.5 | 59 | 10 | 24 | 22 | 23 | 24 | 23 | 75 | 78 | 56 | 64 | 68 |
| March | 27.58 | 29.96 | 27.86 | 26.93 | 43.0 | 39.5 | 53.4 | 50.3 | 39.0 | 36.7 | 43.9 | 42.9 | 57.4 | 37.0 | 47.2 | 76 | 26 | 34 | 33 | 33 | 35 | 34 | 71 | 78 | 49 | 57 | 64 |
| April | 27.76 | 30.11 | 28.07 | 27.36 | 51.8 | 47.2 | 69.0 | 63.4 | 45.4 | 43.2 | 51.6 | 50.3 | 72.6 | 44.4 | 58.5 | 85 | 28 | 39 | 39 | 35 | 38 | 38 | 62 | 74 | 30 | 42 | 52 |
| May | 27.74 | 30.05 | 27.96 | 27.46 | 57.8 | 56.1 | 71.3 | 65.9 | 55.2 | 53.8 | 59.3 | 58.5 | 75.0 | 52.8 | 63.9 | 87 | 38 | 53 | 52 | 51 | 54 | 52 | 84 | 87 | 52 | 66 | 72 |
| June | 27.71 | 29.98 | 27.94 | 27.52 | 66.0 | 65.8 | 80.2 | 74.4 | 63.6 | 63.3 | 68.0 | 67.2 | 83.6 | 62.4 | 73.0 | 93 | 50 | 62 | 62 | 62 | 64 | 62 | 89 | 88 | 55 | 70 | 75 |
| July | 27.79 | 30.06 | 27.96 | 27.61 | 67.8 | 66.9 | 81.6 | 76.3 | 66.2 | 65.5 | 69.6 | 68.9 | 85.1 | 64.1 | 74.6 | 92 | 56 | 65 | 65 | 64 | 66 | 65 | 92 | 93 | 57 | 70 | 78 |
| August | 27.78 | 30.07 | 28.01 | 27.59 | 65.5 | 64.1 | 79.0 | 71.6 | 64.1 | 62.9 | 68.5 | 66.3 | 81.6 | 62.0 | 71.8 | 93 | 51 | 63 | 62 | 64 | 64 | 63 | 93 | 94 | 60 | 77 | 81 |
| September | 27.78 | 30.09 | 28.10 | 27.41 | 60.6 | 58.6 | 74.6 | 66.6 | 59.1 | 57.7 | 64.3 | 61.9 | 77.7 | 56.3 | 67.0 | 88 | 36 | 58 | 57 | 59 | 59 | 58 | 92 | 95 | 60 | 77 | 81 |
| October | 27.74 | 30.08 | 28.02 | 27.32 | 52.1 | 48.8 | 66.4 | 58.7 | 49.6 | 47.5 | 56.4 | 53.2 | 68.2 | 46.8 | 57.5 | 78 | 29 | 48 | 46 | 49 | 49 | 48 | 85 | 91 | 56 | 71 | 76 |
| November | 27.78 | 30.17 | 28.09 | 27.40 | 43.3 | 39.6 | 56.2 | 50.0 | 40.6 | 37.8 | 47.3 | 44.3 | 58.5 | 37.4 | 48.0 | 76 | 18 | 37 | 35 | 37 | 38 | 37 | 78 | 84 | 52 | 63 | 69 |
| December | 27.70 | 30.12 | 28.07 | 26.97 | 35.9 | 34.2 | 42.9 | 39.9 | 33.8 | 32.6 | 38.9 | 36.5 | 47.7 | 29.3 | 38.5 | 68 | 12 | 30 | 30 | 33 | 31 | 31 | 80 | 84 | 70 | 72 | 77 |
| Year | 27.72 | 30.07 | 28.11 | 26.93 | 50.7 | 48.4 | 63.0 | 57.6 | 48.0 | 46.4 | 52.9 | 51.2 | 66.3 | 45.5 | 55.9 | 93 | −2 | 45 | 44 | 44 | 46 | 45 | 81 | 85 | 54 | 66 | 72 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation; Amarillo, Tex., 3,676 feet.
[2] Airport data beginning July 8.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

AMARILLO, TEX.

Airport [$H$=3,590 ft.; $H_b$=3,604 ft.; $H_l$=5 ft.; $H_r$=4 ft.; $H_a$=42 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.06 | 0.03 | 4.0 | 5.0 | 13.0 | sw. | 42 | sw. | 4 | 12 | 11 | 8 | 2 | 0 | 8 | 2 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 27 | 2 | 0 |
| February | .63 | .67 | 2.5 | 4.9 | 15.1 | s. | 46 | n. | 8 | 6 | 18 | 4 | 3 | 3 | 6 | 2 | 0 | 8 | 6 | 3 | 3 | 2 | 0 | 0 | 24 | 1 | 1 |
| March | .42 | .09 | 7.5 | 4.3 | 15.3 | sw. | 50 | nw. | 9 | 14 | 12 | 5 | 5 | 3 | 4 | 2 | 0 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 20 | 0 | 0 |
| April | 3.74 | 1.57 | T | 5.3 | 16.9 | sw. | 70 | sw. | 15 | 11 | 9 | 10 | 11 | 8 | 1 | 0 | 1 | 11 | 5 | 4 | 1 | 0 | 0 | 0 | 2 | 0 | 4 |
| May | .91 | .75 | .0 | 3.6 | 16.6 | sw. | 50 | sw. | 10 | 17 | 13 | 1 | 4 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 7 | 3 | 0 | 0 | 6 |
| June | 2.29 | 1.52 | .0 | 5.5 | 15.0 | sw. | 39 | se. | 10 | 8 | 12 | 10 | 7 | 5 | 0 | 0 | 1 | 10 | 2 | 1 | 0 | 0 | 11 | 7 | 0 | 0 | 7 |
| July | .80 | .58 | .0 | 3.4 | 13.5 | s. | 32 | sw. | 1 | 17 | 12 | 2 | 4 | 3 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 24 | 11 | 0 | 0 | 10 |
| August | 3.95 | 1.77 | .0 | 5.0 | 13.4 | s. | 43 | e. | 5 | 10 | 14 | 7 | 11 | 8 | 0 | 0 | 0 | 6 | 2 | 1 | 1 | 0 | 12 | 2 | 0 | 0 | 9 |
| September | 1.45 | .58 | .0 | 3.6 | 15.0 | s. | 58 | ne. | 6 | 18 | 5 | 7 | 6 | 4 | 0 | 0 | 1 | 5 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 4 |
| October | 6.18 | 2.23 | .0 | 4.9 | 13.2 | s. | 40 | sw. | 5 | 13 | 8 | 10 | 4 | 4 | 0 | 0 | 1 | 10 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | T | T | .0 | 4.0 | 15.8 | sw. | 46 | sw. | 10 | 15 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 9 | 0 | 0 |
| December | 1.19 | 0.63 | 6.0 | 5.0 | 12.3 | sw. | 42 | n. | 3 | 12 | 9 | 10 | 6 | 5 | 4 | 3 | 0 | 12 | 8 | 6 | 4 | 4 | 0 | 0 | 30 | 0 | 0 |
| Year | 21.62 | 2.23 | 20.0 | 4.5 | 14.6 | s. | 70 | sw. | 86 | 153 | 133 | 79 | 63 | 45 | 23 | 9 | 5 | 74 | 33 | 22 | 14 | 11 | 55 | 23 | 112 | 3 | 43 |

ANCHORAGE, ALASKA

[1] Airport [$H$=192 ft.; $H_b$=197 ft. $H_l$=4 ft.; $H_r$=3 ft.; $H_a$=76 ft.] City [$H$=132 ft.; $H_b$=135 ft.; $H_l$=36 ft.; $H_r$=34 ft.; $H_a$=47 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.35 | 0.25 | 1.7 | 6.9 | 4.7 | ne. | 21 | n. | 0 | 5 | 8 | 18 | 7 | 2 | 7 | 4 | 0 | 8 | 4 | 2 | 0 | 17 | 0 | 0 | 29 | 1 | 0 |
| February | .79 | .36 | 8.9 | 8.5 | 5.1 | n. | 25 | se. | 0 | 1 | 4 | 23 | 8 | 5 | 15 | 8 | 0 | 11 | 6 | 3 | 1 | 8 | 0 | 0 | 26 | 0 | 0 |
| March | .45 | .19 | 4.4 | 7.2 | 6.5 | n. | 27 | s. | 0 | 6 | 6 | 19 | 6 | 3 | 13 | 6 | 0 | 4 | 0 | 0 | 0 | 15 | 0 | 0 | 31 | 1 | 0 |
| April | .81 | .30 | 2.0 | 7.7 | 4.6 | n. | 16 | se. | 0 | 4 | 5 | 21 | 6 | 5 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 |
| May | .25 | .12 | .0 | 6.6 | 5.2 | nw. | 18 | sw. | 0 | 7 | 7 | 17 | 7 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| June | .68 | .36 | .0 | 6.7 | 5.5 | nw. | 18 | sw. | 0 | 6 | 9 | 15 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July[1] | 1.83 | .45 | .0 | 7.7 | 5.0 | w. | 18 | s. | 0 | 2 | 10 | 19 | 12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | 3.59 | 1.00 | .0 | 8.1 | 5.0 | s. | 18 | w. | 0 | 2 | 8 | 21 | 20 | 14 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 3.41 | .94 | .0 | 7.8 | 5.1 | n. | 23 | se. | 0 | 4 | 6 | 20 | 19 | 13 | 0 | 0 | 0 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| October | 2.36 | .80 | 8.6 | 8.1 | 5.2 | n. | 24 | n. | 0 | 4 | 5 | 22 | 13 | 10 | 6 | 4 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 11 | 0 | 0 |
| November | .17 | .07 | 2.1 | 6.2 | 5.5 | ne. | 20 | n. | 0 | 9 | 4 | 17 | 6 | 2 | 10 | 6 | 0 | 2 | 1 | 1 | 0 | 30 | 0 | 0 | 30 | 5 | 0 |
| December | .77 | .45 | 7.6 | 4.7 | 4.2 | ne. | 21 | n. | 0 | 13 | 7 | 11 | 5 | 5 | 13 | 5 | 0 | 4 | 4 | 3 | 2 | 31 | 0 | 0 | 31 | 21 | 0 |
| Year | 15.46 | 1.00 | 35.3 | 7.2 | 5.1 | n. | 27 | s. | 0 | 63 | 79 | 223 | 114 | 73 | 69 | 36 | 1 | 42 | 17 | 10 | 3 | 102 | 0 | 0 | 178 | 28 | 0 |

APALACHICOLA, FLA.

[$H$=14 ft.; $H_b$=35 ft.; $H_l$=11 ft.; $H_r$=3 ft.; $H_a$=51 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 5.10 | 1.83 | 0.0 | 3.4 | 9.0 | n. | 25 | nw. | 0 | 18 | 8 | 5 | 8 | 6 | 0 | 0 | 0 | 7 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 3 |
| February | 7.59 | 2.95 | .0 | 5.8 | 9.4 | n. | 28 | nw. | 0 | 8 | 7 | 13 | 11 | 9 | 0 | 0 | 0 | 5 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| March | 9.24 | 2.55 | .0 | 5.8 | 10.2 | se. | 33 | nw. | 1 | 11 | 5 | 15 | 11 | 11 | 0 | 0 | 0 | 7 | 5 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 5 |
| April | .09 | .06 | .0 | 3.3 | 8.7 | se. | 27 | se. | 0 | 18 | 7 | 5 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 4.86 | 1.50 | .0 | 4.2 | 7.7 | s. | 32 | s. | 1 | 14 | 10 | 7 | 6 | 6 | 0 | 0 | 0 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| June | 5.57 | 3.41 | .0 | 5.3 | 7.9 | sw. | 30 | e. | 0 | 9 | 13 | 8 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 11 |
| July | 4.90 | 1.54 | .0 | 4.8 | 6.0 | w. | 24 | s. | 0 | 13 | 9 | 9 | 10 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 3 | 0 | 0 | 25 |
| August | 5.97 | 2.83 | .0 | 6.0 | 8.0 | se. | 27 | n. | 0 | 8 | 12 | 11 | 14 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 21 |
| September | 13.14 | 4.95 | .0 | 5.7 | 7.6 | se. | 26 | sw. | 0 | 9 | 9 | 12 | 11 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 14 |
| October | .40 | .20 | .0 | 2.7 | 7.7 | n. | 29 | se. | 0 | 21 | 8 | 2 | 3 | 3 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | .32 | .15 | .0 | 2.8 | 8.5 | ne. | 22 | n. | 0 | 19 | 5 | 6 | 3 | 3 | 0 | 0 | 0 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 5.27 | 1.51 | .0 | 5.8 | 8.7 | n. | 27 | e. | 0 | 8 | 11 | 12 | 9 | 9 | 0 | 0 | 0 | 10 | 9 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| Year | 62.45 | 4.95 | .0 | 4.6 | 8.3 | n. | 33 | nw. | 2 | 156 | 104 | 105 | 100 | 90 | 0 | 0 | 1 | 40 | 26 | 18 | 12 | 0 | 28 | 3 | 3 | 0 | 94 |

ASHEVILLE, N. C.

[$H$=2,192 ft.; $H_b$=2,253 ft.; $H_l$=89 ft.; $H_r$=87 ft.; $H_a$=104 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.18 | 0.60 | 3.1 | 5.4 | 9.6 | nw. | 28 | se. | 0 | 12 | 8 | 11 | 11 | 10 | 9 | 4 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 19 | 1 | 0 |
| February | 3.49 | 1.55 | 5.9 | 5.9 | 10.8 | nw. | 30 | nw. | 0 | 9 | 6 | 13 | 8 | 5 | 15 | 3 | 0 | 3 | 1 | 0 | 0 | 5 | 0 | 0 | 23 | 0 | 1 |
| March | 4.69 | 1.43 | 16.0 | 6.1 | 10.8 | nw. | 33 | nw. | 1 | 9 | 8 | 14 | 15 | 11 | 5 | 2 | 0 | 7 | 1 | 2 | 1 | 0 | 0 | 0 | 11 | 0 | 2 |
| April | 1.08 | .73 | .0 | 4.2 | 7.6 | nw. | 30 | nw. | 0 | 14 | 10 | 6 | 4 | 3 | 0 | 0 | 0 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 1 |
| May | 4.63 | 1.43 | .0 | 6.6 | 7.1 | nw. | 26 | nw. | 0 | 7 | 9 | 15 | 14 | 8 | 0 | 0 | 1 | 18 | 5 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 10 |
| June | 2.07 | .74 | .0 | 6.6 | 6.3 | nw. | 29 | nw. | 0 | 2 | 16 | 12 | 12 | 9 | 0 | 0 | 0 | 17 | 8 | 4 | 7 | 0 | 1 | 0 | 0 | 0 | 10 |
| July | 3.95 | .95 | .0 | 7.0 | 5.2 | nw. | 26 | nw. | 0 | 3 | 11 | 17 | 13 | 12 | 0 | 0 | 0 | 23 | 9 | 9 | 8 | 0 | 6 | 0 | 0 | 0 | 11 |
| August | 3.89 | .88 | .0 | 7.4 | 5.5 | nw. | 26 | e. | 0 | 2 | 10 | 19 | 16 | 13 | 0 | 0 | 0 | 25 | 15 | 12 | 13 | 0 | 2 | 0 | 0 | 0 | 9 |
| September | 5.39 | 2.09 | .0 | 5.9 | 5.8 | nw. | 23 | nw. | 0 | 8 | 12 | 10 | 12 | 12 | 0 | 0 | 0 | 23 | 21 | 19 | 15 | 0 | 0 | 0 | 0 | 0 | 5 |
| October | 1.72 | .47 | .0 | 5.6 | 7.2 | nw. | 23 | nw. | 0 | 10 | 8 | 13 | 8 | 7 | 0 | 0 | 0 | 16 | 8 | 8 | 7 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | .51 | .23 | T | 4.5 | 8.8 | nw. | 27 | nw. | 0 | 13 | 8 | 9 | 3 | 3 | 1 | 0 | 0 | 15 | 6 | 3 | 4 | 0 | 0 | 0 | 8 | 0 | 0 |
| December | 5.43 | 1.73 | 4.4 | 6.7 | 9.6 | nw. | 27 | nw. | 0 | 8 | 6 | 17 | 10 | 8 | 7 | 1 | 0 | 17 | 8 | 5 | 2 | 1 | 0 | 0 | 19 | 0 | 1 |
| Year | 39.03 | 2.09 | 29.4 | 6.0 | 7.9 | nw. | 33 | nw. | 1 | 97 | 112 | 156 | 126 | 101 | 37 | 10 | 1 | 172 | 84 | 66 | 63 | 11 | 9 | 0 | 86 | 1 | 50 |

[1] Airport data beginning July 8.

789007—49——4

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

ATLANTA, GA.
Airport [$\phi$=33°39′ N.; $\lambda$=84°26′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 28.87 | 30.14 | 29.21 | 28.37 | 38.9 | 35.1 | 48.5 | 45.0 | 34.9 | 32.1 | 40.4 | 38.6 | 53.0 | 32.3 | 42.6 | 70 | 13 | 28 | 27 | 29 | 29 | 28 | 66 | 72 | 50 | 54 | 60 |
| February | 28.76 | 30.03 | 29.19 | 28.13 | 36.8 | 34.7 | 44.4 | 42.7 | 33.4 | 31.9 | 38.3 | 37.5 | 48.2 | 32.4 | 40.3 | 69 | 19 | 28 | 27 | 29 | 30 | 28 | 68 | 71 | 57 | 60 | 64 |
| March | 28.72 | 29.96 | 29.00 | 28.09 | 47.6 | 44.6 | 58.0 | 55.4 | 43.5 | 41.8 | 48.8 | 47.6 | 61.7 | 42.2 | 52.0 | 78 | 29 | 39 | 38 | 38 | 39 | 39 | 72 | 78 | 53 | 58 | 65 |
| April | 28.86 | 30.08 | 29.16 | 28.53 | 57.7 | 53.6 | 73.1 | 69.6 | 50.1 | 48.3 | 56.7 | 55.3 | 76.2 | 51.3 | 63.8 | 89 | 32 | 42 | 43 | 43 | 43 | 43 | 59 | 69 | 36 | 41 | 51 |
| May | 28.81 | 30.02 | 29.02 | 28.52 | 64.7 | 62.4 | 77.4 | 74.3 | 59.9 | 59.3 | 64.7 | 63.6 | 80.3 | 59.5 | 69.9 | 90 | 45 | 57 | 57 | 57 | 57 | 57 | 76 | 83 | 51 | 57 | 67 |
| June | 28.77 | 29.96 | 29.00 | 28.56 | 71.6 | 71.3 | 83.9 | 80.7 | 68.1 | 68.1 | 71.4 | 71.1 | 87.4 | 68.1 | 77.8 | 94 | 60 | 66 | 66 | 65 | 66 | 66 | 84 | 85 | 56 | 64 | 72 |
| July | 28.86 | 30.05 | 29.04 | 28.68 | 73.9 | 74.0 | 86.9 | 81.5 | 70.8 | 70.6 | 74.2 | 73.1 | 90.2 | 70.7 | 80.4 | 96 | 66 | 70 | 69 | 69 | 70 | 69 | 86 | 85 | 56 | 69 | 74 |
| August | 28.85 | 30.05 | 29.09 | 28.68 | 70.8 | 70.1 | 83.0 | 77.8 | 68.3 | 67.9 | 71.6 | 70.9 | 87.3 | 68.1 | 77.7 | 97 | 58 | 67 | 67 | 67 | 68 | 67 | 88 | 90 | 59 | 73 | 77 |
| September | 28.84 | 30.04 | 29.19 | 28.44 | 66.7 | 64.7 | 79.3 | 73.9 | 63.5 | 62.2 | 67.4 | 66.6 | 82.7 | 62.1 | 72.4 | 92 | 43 | 62 | 60 | 61 | 63 | 62 | 84 | 85 | 55 | 69 | 73 |
| October | 28.82 | 30.04 | 29.10 | 28.48 | 58.4 | 55.1 | 71.6 | 65.0 | 54.7 | 53.0 | 60.1 | 58.6 | 73.9 | 53.2 | 63.6 | 83 | 33 | 52 | 51 | 52 | 54 | 52 | 79 | 86 | 52 | 69 | 72 |
| November | 28.89 | 30.14 | 29.18 | 28.56 | 49.4 | 46.2 | 62.3 | 56.0 | 45.4 | 43.4 | 52.0 | 49.2 | 64.9 | 43.8 | 54.4 | 80 | 29 | 41 | 40 | 42 | 42 | 41 | 72 | 78 | 51 | 61 | 66 |
| December | 28.85 | 30.12 | 29.28 | 28.13 | 40.4 | 38.9 | 47.8 | 44.0 | 37.8 | 37.0 | 42.8 | 40.3 | 52.2 | 35.4 | 43.8 | 69 | 19 | 34 | 34 | 36 | 35 | 35 | 78 | 82 | 67 | 72 | 75 |
| Year | 28.82 | 30.05 | 29.28 | 28.09 | 56.4 | 54.2 | 68.0 | 63.8 | 52.5 | 51.3 | 57.4 | 56.0 | 71.5 | 51.6 | 61.6 | 97 | 13 | 49 | 48 | 49 | 50 | 49 | 76 | 80 | 54 | 62 | 68 |

ATLANTIC CITY, N. J.
[$\phi$=39°22′ N.; $\lambda$=74°25′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.02 | 30.08 | 30.55 | 29.30 | 32.4 | 31.3 | 37.8 | 34.5 | 29.1 | 28.7 | 32.9 | 30.7 | 40.9 | 26.5 | 33.7 | 59 | 9 | 22 | 23 | 23 | 22 | 23 | 66 | 69 | 57 | 62 | 63 |
| February | 29.83 | 29.89 | 30.40 | 29.09 | 29.9 | 27.2 | 36.5 | 33.9 | 26.5 | 24.6 | 30.8 | 29.1 | 39.6 | 24.7 | 32.2 | 58 | 10 | 18 | 18 | 19 | 19 | 18 | 60 | 66 | 49 | 53 | 57 |
| March | 29.83 | 29.89 | 30.27 | 28.77 | 41.2 | 40.7 | 45.7 | 43.7 | 37.8 | 37.8 | 40.3 | 39.0 | 49.5 | 37.2 | 43.4 | 61 | 32 | 33 | 34 | 33 | 33 | 33 | 73 | 76 | 64 | 67 | 70 |
| April | 29.99 | 30.05 | 30.32 | 29.54 | 48.0 | 48.9 | 54.5 | 50.5 | 43.5 | 44.6 | 47.2 | 45.2 | 59.5 | 43.9 | 51.7 | 80 | 34 | 38 | 40 | 40 | 39 | 39 | 70 | 71 | 59 | 67 | 67 |
| May | 29.99 | 30.04 | 30.29 | 29.68 | 59.0 | 60.1 | 64.6 | 61.0 | 55.9 | 56.4 | 58.3 | 56.8 | 68.8 | 55.9 | 62.4 | 90 | 48 | 53 | 54 | 54 | 54 | 54 | 83 | 80 | 70 | 79 | 78 |
| June | 29.91 | 29.96 | 30.28 | 29.50 | 67.0 | 68.0 | 73.1 | 70.8 | 63.6 | 64.3 | 66.2 | 65.6 | 76.7 | 64.2 | 70.4 | 92 | 55 | 62 | 62 | 62 | 62 | 62 | 84 | 82 | 71 | 77 | 79 |
| July | 29.93 | 29.98 | 30.22 | 29.64 | 72.5 | 73.9 | 79.1 | 76.0 | 69.3 | 69.0 | 71.1 | 69.9 | 82.4 | 70.2 | 76.3 | 99 | 65 | 68 | 66 | 67 | 67 | 67 | 86 | 78 | 68 | 75 | 77 |
| August | 29.99 | 30.04 | 30.35 | 29.68 | 71.1 | 71.1 | 76.9 | 73.6 | 67.7 | 67.5 | 69.1 | 68.2 | 79.1 | 67.6 | 73.4 | 90 | 54 | 66 | 66 | 65 | 65 | 65 | 84 | 83 | 68 | 76 | 78 |
| September | 29.99 | 30.04 | 30.49 | 29.63 | 67.1 | 66.5 | 73.2 | 69.3 | 63.8 | 62.9 | 66.0 | 64.9 | 75.5 | 63.3 | 69.4 | 86 | 43 | 61 | 60 | 62 | 62 | 61 | 81 | 81 | 69 | 79 | 78 |
| October | 30.00 | 30.06 | 30.44 | 29.45 | 58.2 | 57.3 | 63.6 | 60.2 | 55.0 | 54.6 | 57.9 | 56.2 | 65.1 | 54.4 | 59.8 | 76 | 36 | 52 | 52 | 54 | 53 | 53 | 82 | 84 | 72 | 78 | 79 |
| November | 30.02 | 30.08 | 30.50 | 29.25 | 48.2 | 46.7 | 54.3 | 49.7 | 44.7 | 43.1 | 47.8 | 45.5 | 56.9 | 42.2 | 49.6 | 75 | 24 | 40 | 39 | 41 | 40 | 40 | 74 | 74 | 61 | 70 | 70 |
| December | 30.01 | 30.07 | 30.69 | 28.78 | 34.3 | 32.7 | 37.6 | 35.6 | 31.6 | 30.3 | 33.2 | 32.1 | 42.1 | 28.2 | 35.2 | 58 | 1 | 26 | 26 | 26 | 25 | 26 | 72 | 74 | 62 | 65 | 68 |
| Year | 29.96 | 30.02 | 30.69 | 28.77 | 52.4 | 52.0 | 58.1 | 54.9 | 49.0 | 48.6 | 51.7 | 50.3 | 61.3 | 48.2 | 54.8 | 99 | 1 | 45 | 45 | 46 | 45 | 45 | 76 | 76 | 64 | 71 | 72 |

AUGUSTA, GA.
Airport [$\phi$=33°29′ N.; $\lambda$=82°02′ W.] City [$\phi$=33°28′ N.; $\lambda$=81°58′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) (2) | | (1) (2) | (1) (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.92 | 30.12 | 30.30 | 29.39 | 44.3 | 39.7 | 52.8 | 50.0 | 39.4 | 36.4 | 44.1 | 43.2 | 58.0 | 36.4 | 47.2 | 73 | 17 | 32 | 32 | 33 | 34 | 33 | 64 | 73 | 52 | 57 | 62 |
| February | 29.81 | 30.00 | 30.28 | 29.13 | 40.9 | 36.8 | 47.8 | 46.8 | 36.7 | 33.8 | 40.5 | 40.5 | 53.5 | 35.6 | 44.6 | 72 | 24 | 30 | 29 | 30 | 31 | 30 | 66 | 72 | 52 | 56 | 61 |
| March | 29.76 | 29.95 | 30.03 | 28.89 | 52.1 | 48.3 | 63.0 | 58.8 | 46.7 | 44.6 | 51.5 | 50.0 | 67.2 | 46.6 | 56.9 | 85 | 34 | 40 | 40 | 39 | 40 | 40 | 66 | 73 | 46 | 55 | 60 |
| April | 29.89 | 30.08 | 30.19 | 29.49 | 60.5 | 56.3 | 76.8 | 72.1 | 52.5 | 50.7 | 59.1 | 57.2 | 79.5 | 53.1 | 66.3 | 92 | 36 | 45 | 46 | 45 | 44 | 45 | 59 | 67 | 33 | 39 | 50 |
| May | 29.84 | 30.03 | 30.05 | 29.59 | 66.5 | 65.3 | 80.1 | 76.0 | 61.6 | 61.8 | 66.2 | 64.6 | 83.1 | 62.6 | 72.8 | 90 | 51 | 58 | 60 | 58 | 58 | 58 | 76 | 82 | 49 | 56 | 66 |
| June | 29.78 | 29.96 | 30.03 | 29.57 | 74.0 | 73.7 | 87.1 | 82.3 | 69.6 | 71.0 | 73.2 | 71.8 | 89.8 | 71.3 | 80.6 | 98 | 66 | 67 | 69 | 67 | 67 | 67 | 81 | 85 | 52 | 63 | 70 |
| July | 29.85 | 30.04 | 30.04 | 29.65 | 76.8 | 75.7 | 90.3 | 83.7 | 72.4 | 72.2 | 76.0 | 74.3 | 93.1 | 73.5 | 83.3 | 102 | 69 | 71 | 71 | 70 | 70 | 70 | 82 | 85 | 52 | 67 | 71 |
| August | 29.86 | 30.05 | 30.11 | 29.69 | 74.0 | 72.6 | 87.4 | 81.6 | 70.3 | 69.9 | 73.5 | 72.3 | 89.9 | 70.8 | 80.4 | 98 | 59 | 69 | 68 | 67 | 68 | 68 | 84 | 88 | 53 | 65 | 72 |
| September | 29.84 | 30.03 | 30.22 | 29.54 | 71.4 | 68.5 | 83.9 | 78.0 | 67.0 | 65.6 | 70.0 | 68.8 | 86.7 | 66.5 | 76.6 | 96 | 46 | 64 | 64 | 63 | 64 | 64 | 80 | 85 | 52 | 64 | 70 |
| October | 29.84 | 30.03 | 30.19 | 29.51 | 62.1 | 59.0 | 78.0 | 70.2 | 56.4 | 55.3 | 62.6 | 59.7 | 78.7 | 54.6 | 66.6 | 86 | 37 | 52 | 52 | 52 | 52 | 52 | 70 | 79 | 42 | 54 | 62 |
| November | 29.93 | 30.13 | 30.25 | 29.56 | 54.6 | 50.6 | 69.3 | 61.5 | 48.8 | 46.5 | 55.6 | 52.2 | 69.8 | 46.3 | 58.1 | 84 | 31 | 43 | 42 | 44 | 43 | 43 | 65 | 73 | 42 | 53 | 58 |
| December | 29.92 | 30.11 | 30.41 | 29.13 | 44.7 | 42.0 | 53.6 | 49.3 | 41.9 | 39.6 | 47.3 | 45.0 | 57.5 | 38.4 | 48.0 | 77 | 23 | 38 | 36 | 40 | 40 | 39 | 78 | 78 | 64 | 72 | 73 |
| Year | 29.85 | 30.04 | 30.41 | 28.89 | 60.2 | 57.4 | 72.5 | 67.5 | 55.3 | 54.0 | 60.0 | 58.3 | 75.6 | 54.6 | 65.1 | 102 | 17 | 51 | 51 | 51 | 51 | 51 | 73 | 78 | 49 | 58 | 65 |

AUSTIN, TEX.
Airport [$\phi$=30°18′ N.; $\lambda$=97°42′ W.] City [$\phi$=30°16′ N.; $\lambda$=97°44′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) (2) | | (1) (2) | (1) (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.58 | 30.23 | 30.07 | 29.03 | 43.7 | 40.3 | 55.1 | 52.6 | 39.6 | 37.7 | 45.4 | 44.0 | 60.0 | 37.2 | 48.6 | 82 | 17 | 34 | 34 | 35 | 34 | 34 | 71 | 79 | 49 | 52 | 63 |
| February | 29.38 | 30.03 | 29.82 | 28.88 | 48.7 | 44.9 | 55.1 | 56.3 | 45.1 | 42.4 | 47.8 | 48.4 | 60.9 | 42.8 | 51.8 | 77 | 24 | 41 | 39 | 40 | 40 | 40 | 75 | 81 | 59 | 56 | 68 |
| March | 29.30 | 29.94 | 29.76 | 28.89 | 53.6 | 48.7 | 66.9 | 67.0 | 48.1 | 45.1 | 53.9 | 53.3 | 72.1 | 47.5 | 59.8 | 89 | 32 | 42 | 41 | 41 | 39 | 41 | 66 | 76 | 43 | 40 | 56 |
| April | 29.31 | 29.94 | 29.72 | 28.92 | 62.3 | 60.2 | 72.0 | 72.3 | 59.8 | 58.9 | 64.5 | 64.2 | 76.5 | 58.4 | 67.4 | 84 | 45 | 58 | 58 | 60 | 59 | 59 | 86 | 93 | 68 | 66 | 78 |
| May | 29.30 | 29.93 | 29.58 | 28.99 | 68.5 | 66.8 | 79.0 | 77.8 | 65.8 | 65.1 | 69.8 | 68.9 | 83.4 | 65.3 | 74.4 | 93 | 50 | 64 | 64 | 65 | 64 | 64 | 87 | 92 | 64 | 64 | 76 |
| June | 29.23 | 29.85 | 29.52 | 28.96 | 76.3 | 72.8 | 88.4 | 88.9 | 71.6 | 70.3 | 74.4 | 74.4 | 93.3 | 72.4 | 82.8 | 100 | 64 | 70 | 69 | 68 | 68 | 69 | 80 | 88 | 53 | 62 | 68 |
| July | 29.40 | 30.02 | 29.59 | 29.24 | 75.7 | 73.1 | 88.0 | 85.8 | 72.0 | 71.3 | 74.0 | 73.8 | 91.2 | 72.7 | 82.0 | 98 | 66 | 70 | 71 | 68 | 68 | 69 | 84 | 92 | 54 | 60 | 72 |
| August | 29.31 | 29.94 | 29.47 | 28.87 | 77.5 | 74.1 | 87.6 | 87.6 | 73.6 | 72.7 | 75.2 | 75.0 | 92.8 | 72.6 | 82.7 | 98 | 68 | 72 | 72 | 70 | 70 | 71 | 84 | 93 | 59 | 59 | 74 |
| September | 29.36 | 29.99 | 29.69 | 29.14 | 70.0 | 67.7 | 80.5 | 79.0 | 67.2 | 66.4 | 70.1 | 69.9 | 84.8 | 64.5 | 74.6 | 93 | 41 | 65 | 66 | 65 | 65 | 65 | 86 | 93 | 60 | 64 | 76 |
| October | 29.36 | 30.00 | 29.63 | 28.97 | 63.6 | 60.3 | 74.1 | 71.9 | 60.8 | 58.5 | 64.2 | 64.8 | 78.3 | 58.3 | 68.3 | 87 | 45 | 59 | 57 | 58 | 61 | 59 | 85 | 90 | 60 | 70 | 76 |
| November | 29.42 | 30.06 | 29.96 | 28.95 | 58.3 | 55.0 | 68.2 | 65.9 | 54.9 | 53.0 | 58.9 | 58.7 | 73.7 | 51.9 | 62.8 | 85 | 33 | 52 | 51 | 52 | 53 | 52 | 80 | 87 | 58 | 66 | 72 |
| December | 29.42 | 30.07 | 29.77 | 28.90 | 48.7 | 46.0 | 59.3 | 57.5 | 46.0 | 44.3 | 52.0 | 51.0 | 65.3 | 41.7 | 53.5 | 80 | 30 | 43 | 43 | 46 | 46 | 44 | 82 | 88 | 63 | 65 | 74 |
| Year | 29.36 | 30.00 | 30.07 | 28.87 | 62.2 | 59.2 | 72.8 | 71.9 | 58.7 | 57.1 | 62.5 | 52.2 | 77.7 | 57.1 | 67.4 | 100 | 17 | 56 | 55 | 56 | 56 | 56 | 80 | 88 | 58 | 60 | 71 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Atlanta, Ga., 1,173 feet; Augusta, Ga., 182 feet; Austin, Tex., 605 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

ATLANTA, GA.

Airport [$H$=975 ft.; $H_b$=976 ft.; $H_t$=33 ft.; $H_r$=32 ft.; $H_a$=72 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 3.47 | 0.86 | 0.1 | 4.9 | 11.2 | nw. | 34 | w. | 1 | 13 | 8 | 10 | 7 | 6 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 10 | 0 | 3 |
| February | 3.84 | 2.16 | T. | 6.6 | 12.1 | nw. | 41 | nw. | 4 | 7 | 7 | 14 | 8 | 8 | 2 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 2 |
| March | 11.51 | 4.82 | 3.7 | 6.1 | 12.2 | nw. | 37 | nw. | 6 | 10 | 5 | 16 | 12 | 9 | 3 | 1 | 0 | 7 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 6 |
| April | 1.47 | 1.47 | .0 | 4.3 | 8.7 | nw. | 33 | nw. | 1 | 15 | 8 | 7 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 5.29 | 1.64 | .0 | 5.7 | 8.0 | nw. | 32 | sw. | 1 | 8 | 11 | 12 | 10 | 7 | 0 | 0 | 0 | 8 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 7 |
| June | 3.61 | 1.50 | .0 | 6.4 | 7.6 | e. | 41 | nw. | 1 | 4 | 16 | 10 | 8 | 7 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 14 |
| July | 4.60 | 1.38 | .0 | 6.1 | 7.7 | w. | 46 | nw. | 2 | 7 | 11 | 13 | 13 | 11 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 | 19 | 6 | 0 | 0 | 16 |
| August | 5.53 | 1.32 | .0 | 6.1 | 7.2 | sw. | 26 | w. | 0 | 4 | 15 | 12 | 16 | 14 | 0 | 0 | 0 | 12 | 3 | 1 | 1 | 0 | 10 | 3 | 0 | 0 | 16 |
| September | 5.73 | 2.36 | .0 | 5.6 | 6.9 | nw. | 26 | nw. | 0 | 9 | 12 | 9 | 9 | 7 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 7 |
| October | 3.86 | 1.26 | .0 | 4.4 | 8.1 | nw. | 32 | nw. | 1 | 13 | 9 | 9 | 9 | 7 | 0 | 0 | 0 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| November | 1.38 | .98 | .0 | 4.1 | 8.9 | nw. | 26 | n. | 0 | 14 | 8 | 8 | 3 | 3 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| December | 5.32 | 1.70 | .0 | 6.2 | 11.2 | nw. | 46 | w. | 3 | 11 | 5 | 15 | 14 | 11 | 0 | 0 | 1 | 18 | 9 | 5 | 6 | 0 | 0 | 0 | 10 | 0 | 2 |
| Year | 55.61 | 48.2 | 3.8 | 5.5 | 9.1 | nw. | 46 | w. | 20 | 115 | 115 | 135 | 110 | 91 | 7 | 2 | 2 | 86 | 21 | 13 | 11 | 2 | 46 | 9 | 38 | 0 | 77 |

ATLANTIC CITY, N. J.

[$H$=8 ft.; $H_b$=52 ft.; $H_t$=37 ft.; $H_r$=33 ft.; $H_a$=172 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.92 | 1.09 | 3.3 | 5.5 | 16.6 | w. | 52 | se. | 7 | 12 | 8 | 11 | 8 | 7 | 5 | 3 | 0 | 6 | 3 | 3 | 2 | 6 | 0 | 0 | 20 | 0 | 0 |
| February | 2.22 | 1.22 | T. | 4.7 | 18.2 | w. | 54 | ne. | 12 | 12 | 9 | 7 | 5 | 4 | 5 | 1 | 0 | 4 | 4 | 3 | 3 | 3 | 0 | 0 | 23 | 0 | 0 |
| March | 5.22 | 1.10 | T. | 5.6 | 18.9 | w. | 59 | ne. | 12 | 10 | 5 | 16 | 15 | 14 | 2 | 0 | 0 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | 1.28 | 1.17 | .0 | 5.1 | 16.4 | s. | 47 | e. | 4 | 12 | 8 | 10 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 1.45 | .65 | .0 | 5.3 | 15.1 | s. | 33 | se. | 4 | 10 | 12 | 9 | 7 | 5 | 0 | 0 | 0 | 11 | 7 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 5 |
| June | 1.46 | .55 | .0 | 6.6 | 12.6 | s. | 28 | n. | 0 | 4 | 13 | 13 | 12 | 7 | 0 | 0 | 0 | 9 | 8 | 6 | 3 | 0 | 1 | 0 | 0 | 0 | 5 |
| July | 5.44 | 1.78 | .0 | 5.4 | 12.5 | w. | 39 | se. | 2 | 7 | 15 | 9 | 11 | 8 | 0 | 0 | 0 | 7 | 2 | 2 | 2 | 0 | 2 | 2 | 0 | 0 | 11 |
| August | 9.95 | 2.13 | .0 | 6.4 | 13.0 | s. | 37 | se. | 3 | 7 | 12 | 12 | 14 | 9 | 0 | 0 | 0 | 9 | 5 | 2 | 3 | 0 | 3 | 0 | 0 | 0 | 10 |
| September | 3.62 | 1.41 | .0 | 5.7 | 12.4 | s. | 43 | se. | 2 | 13 | 5 | 12 | 11 | 7 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5 |
| October | 6.59 | 2.02 | .0 | 5.3 | 16.1 | ne. | 42 | ne. | 7 | 10 | 9 | 12 | 12 | 12 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 2.21 | 3.61 | T. | 5.3 | 16.5 | w. | 42 | se. | 5 | 10 | 8 | 12 | 9 | 7 | 3 | 0 | 0 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 4 | 0 | 1 |
| December | 3.86 | 1.01 | 3.0 | 6.5 | 16.9 | w. | 45 | w. | 13 | 7 | 10 | 14 | 13 | 12 | 10 | 3 | 0 | 8 | 5 | 5 | 4 | 3 | 0 | 0 | 18 | 0 | 3 |
| Year | 46.22 | 3.02 | 6.3 | 5.6 | 15.4 | w. | 59 | ne. | 71 | 114 | 114 | 137 | 120 | 95 | 25 | 7 | 0 | 76 | 40 | 28 | 23 | 12 | 6 | 2 | 65 | 0 | 42 |

AUGUSTA, GA.

Airport [$H$=420 ft.; $H_b$=426 ft.; $H_t$=28 ft.; $H_r$=29 ft.; $H_a$=46 ft.] City [$H$=134-ft.; $H_b$=182 ft.; $H_t$=62 ft.; $H_r$=54 ft.; $H_a$=77 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.12 | 1.04 | 0.0 | 4.9 | 5.7 | nw. | 22 | w. | 0 | 11 | 13 | 7 | 7 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 2 |
| February | 3.85 | 1.23 | T. | 5.5 | 6.1 | nw. | 22 | se. | 0 | 10 | 7 | 11 | 8 | 7 | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 11 | 0 | 1 |
| March | 9.54 | 2.67 | .0 | 4.9 | 7.2 | nw. | 27 | w. | 0 | 13 | 7 | 11 | 9 | 9 | 0 | 0 | 0 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 4 |
| April | 1.52 | 1.52 | .0 | 2.8 | 5.4 | nw. | 24 | w. | 0 | 18 | 11 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| May | 5.64 | 2.08 | .0 | 5.1 | 5.1 | se. | 21 | nw. | 0 | 13 | 9 | 9 | 8 | 8 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| June | 1.99 | .63 | .0 | 6.1 | 5.2 | s. | 27 | nw. | 0 | 7 | 12 | 11 | 13 | 9 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 15 | 3 | 0 | 0 | 9 |
| July | 5.92 | 1.82 | .0 | 4.8 | 5.2 | w. | 24 | nw. | 0 | 12 | 12 | 7 | 11 | 10 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 24 | 14 | 0 | 0 | 12 |
| August | 3.12 | 1.12 | .0 | 5.5 | 5.5 | s. | 25 | sw. | 0 | 9 | 12 | 10 | 12 | 10 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 18 | 4 | 0 | 0 | 8 |
| September | 2.70 | 1.96 | .0 | 4.9 | 4.9 | nw. | 22 | nw. | 0 | 14 | 4 | 12 | 7 | 6 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 15 | 4 | 0 | 0 | 2 |
| October | .58 | .42 | .0 | 4.1 | 5.1 | nw. | 25 | sw. | 0 | 15 | 7 | 9 | 5 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 4.52 | 4.33 | .0 | 3.3 | 5.3 | nw. | 19 | w. | 0 | 19 | 4 | 7 | 5 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| December | 4.02 | .99 | .0 | 6.2 | 6.4 | nw. | 28 | w. | 0 | 9 | 5 | 17 | 16 | 13 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 2 |
| Year | 46.52 | 4.33 | T. | 4.8 | 5.6 | nw. | 28 | w. | 0 | 150 | 103 | 112 | 103 | 86 | 1 | 0 | 1 | 19 | 9 | 6 | 3 | 0 | 73 | 25 | 29 | 0 | 50 |

AUSTIN, TEX.

Airport [$H$=617 ft.; $H_b$=621 ft.; $H_t$=10 ft.; $H_r$=3 ft.; $H_a$=41 ft.] City [$H$=531 ft.; $H_b$=605 ft.; $H_t$=68 ft.; $H_r$=60 ft.; $H_a$=90 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.07 | 0.04 | 0.0 | 5.7 | 7.8 | n. | 25 | w. | 0 | 9 | 11 | 11 | 4 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | ---- | 11 | 0 | 0 |
| February | 1.46 | .69 | .0 | 6.9 | 8.6 | n. | 34 | sw. | 2 | 5 | 7 | 16 | 10 | 5 | 0 | 0 | 0 | 8 | 2 | 2 | 1 | 0 | 0 | ---- | 3 | 0 | 0 |
| March | .66 | .55 | .0 | 5.2 | 11.0 | s. | 31 | nw. | 0 | 12 | 8 | 11 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ---- | 1 | 0 | 0 |
| April | 5.56 | 3.86 | .0 | 6.8 | 10.9 | s. | 29 | s. | 0 | 5 | 10 | 15 | 12 | 7 | 0 | 0 | 0 | 6 | 1 | 1 | 1 | 0 | 0 | ---- | 0 | 0 | 7 |
| May | 2.05 | 1.05 | .0 | 6.0 | 9.8 | s. | 41 | ne. | 1 | 6 | 16 | 9 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | ---- | 0 | 0 | 7 |
| June | 2.23 | .79 | .0 | 4.6 | 9.4 | s. | 37 | sw. | 1 | 9 | 18 | 3 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | ---- | 0 | 0 | 6 |
| July | 3.69 | 2.00 | .0 | 4.8 | 8.3 | s. | 36 | sw. | 1 | 11 | 17 | 3 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | ---- | 0 | 0 | 2 |
| August | 2.16 | 1.30 | .0 | 4.9 | 8.9 | s. | 36 | ne. | 1 | 9 | 18 | 4 | 6 | 6 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 26 | ---- | 0 | 0 | 8 |
| September | 8.11 | 4.61 | .0 | 5.3 | 7.1 | s. | 42 | sw. | 1 | 6 | 17 | 7 | 7 | 7 | 0 | 0 | 0 | 11 | 3 | 1 | 2 | 0 | 7 | ---- | 0 | 0 | 6 |
| October | 5.14 | 2.15 | .0 | 5.4 | 7.5 | n. | 28 | n. | 0 | 10 | 10 | 11 | 10 | 5 | 0 | 0 | 0 | 12 | 1 | 1 | 0 | 0 | 0 | ---- | 0 | 0 | 5 |
| November | 1.98 | 1.21 | .0 | 4.5 | 10.6 | s. | 31 | n. | 0 | 13 | 9 | 8 | 4 | 2 | 0 | 0 | 0 | 12 | 2 | 2 | 1 | 0 | 0 | ---- | 0 | 0 | 1 |
| December | 1.53 | 1.21 | .0 | 4.7 | 9.1 | n. | 33 | ne. | 1 | 14 | 6 | 11 | 7 | 4 | 0 | 0 | 0 | 13 | 8 | 4 | 6 | 0 | 0 | ---- | 1 | 0 | 2 |
| Year | 34.64 | 4.61 | .0 | 5.4 | 9.1 | s. | 42 | sw. | 8 | 109 | 147 | 109 | 84 | 56 | 0 | 0 | 0 | 71 | 17 | 11 | 11 | 2 | 88 | ---- | 16 | 0 | 44 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

BAKER, OREG.

Airport [$\phi$=44°50′ N.; $\lambda$=117°50′ W.] City [$\phi$=44°46′ N.; $\lambda$=117°50′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 26.64 | 30.36 | 26.98 | 26.23 | 19.9 | 19.9 | 24.8 | 25.0 | 19.3 | 19.3 | 23.6 | 23.8 | 30.6 | 16.7 | 23.6 | 44 | −9 | 18 | 18 | 22 | 22 | 20 | 92 | 93 | 87 | 87 | 90 |
| February | 26.42 | 30.08 | 26.72 | 26.07 | 25.7 | 24.0 | 31.8 | 33.0 | 24.6 | 23.3 | 29.4 | 30.3 | 36.4 | 20.1 | 28.2 | 46 | 5 | 23 | 22 | 25 | 26 | 24 | 88 | 91 | 76 | 75 | 82 |
| March | 26.47 | 30.10 | 26.77 | 25.94 | 31.5 | 27.0 | 40.0 | 44.1 | 29.1 | 25.6 | 34.5 | 36.3 | 47.0 | 26.1 | 36.6 | 64 | 16 | 26 | 24 | 27 | 26 | 26 | 77 | 86 | 60 | 50 | 69 |
| April | 26.32 | 29.89 | 26.70 | 25.96 | 42.2 | 35.3 | 53.1 | 56.8 | 38.4 | 33.3 | 40.6 | 44.8 | 59.1 | 34.4 | 46.8 | 77 | 24 | 34 | 31 | 33 | 32 | 33 | 74 | 84 | 49 | 41 | 62 |
| May | 26.40 | 29.97 | 26.74 | 26.08 | 44.5 | 40.0 | 53.5 | 55.2 | 42.1 | 38.9 | 46.5 | 47.3 | 59.6 | 37.6 | 48.6 | 81 | 25 | 40 | 38 | 40 | 40 | 39 | 76 | 91 | 62 | 59 | 72 |
| June | 26.43 | 29.98 | 26.75 | 26.14 | 49.4 | 42.5 | 60.1 | 66.4 | 46.2 | 41.2 | 51.3 | 53.7 | 68.4 | 41.7 | 55.0 | 89 | 35 | 43 | 40 | 44 | 44 | 43 | 80 | 91 | 57 | 46 | 68 |
| July | 26.48 | 29.98 | 26.70 | 26.29 | 58.9 | 48.6 | 74.4 | 82.8 | 53.4 | 46.7 | 59.1 | 62.2 | 85.0 | 50.6 | 67.8 | 99 | 44 | 50 | 45 | 49 | 49 | 48 | 71 | 88 | 41 | 33 | 58 |
| August | 26.43 | 29.94 | 26.60 | 26.21 | 57.0 | 46.2 | 74.0 | 81.5 | 50.5 | 43.9 | 57.3 | 59.9 | 84.4 | 49.0 | 66.7 | 100 | 34 | 46 | 42 | 46 | 45 | 45 | 66 | 85 | 38 | 31 | 55 |
| September | 26.46 | 30.00 | 26.79 | 26.20 | 47.9 | 38.8 | 65.5 | 73.3 | 43.4 | 36.9 | 51.8 | 54.7 | 76.6 | 42.1 | 59.4 | 91 | 31 | 39 | 35 | 40 | 40 | 38 | 72 | 86 | 41 | 33 | 58 |
| October | 26.53 | 30.11 | 26.82 | 26.20 | 40.2 | 34.3 | 54.7 | 59.6 | 37.2 | 32.6 | 45.2 | 47.3 | 63.7 | 34.6 | 49.2 | 83 | 19 | 34 | 30 | 36 | 36 | 34 | 79 | 86 | 52 | 44 | 65 |
| November | 26.43 | 30.06 | 26.93 | 25.72 | 32.8 | 30.9 | 38.2 | 37.7 | 31.0 | 29.4 | 34.8 | 34.2 | 43.7 | 28.4 | 36.0 | 55 | 14 | 29 | 27 | 30 | 30 | 29 | 84 | 87 | 74 | 74 | 80 |
| December | 26.48 | 30.15 | 26.89 | 25.92 | 27.1 | 25.0 | 30.6 | 30.3 | 26.3 | 24.3 | 29.1 | 29.5 | 35.6 | 23.5 | 29.6 | 46 | 5 | 25 | 24 | 27 | 28 | 26 | 93 | 94 | 85 | 92 | 91 |
| Year | 26.46 | 30.05 | 26.98 | 25.72 | 39.8 | 34.4 | 50.1 | 53.8 | 36.8 | 33.0 | 41.9 | 43.7 | 57.5 | 33.7 | 45.6 | 100 | −9 | 34 | 31 | 35 | 35 | 34 | 79 | 88 | 60 | 55 | 71 |

BALTIMORE, MD.

Airport [$\phi$=39°15′ N.; $\lambda$=76°32′ W.] City [$\phi$=39°17′ N.; $\lambda$=76°37′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.96 | 30.09 | 30.47 | 29.20 | 31.6 | 30.6 | 38.4 | 35.3 | 28.8 | 27.8 | 33.0 | 31.2 | 43.2 | 28.4 | 35.8 | 65 | 8 | 23 | 22 | 23 | 23 | 23 | 70 | 70 | 54 | 61 | 64 |
| February | 29.80 | 29.93 | 30.32 | 29.09 | 30.7 | 28.1 | 37.1 | 35.0 | 27.3 | 25.1 | 31.4 | 30.1 | 41.5 | 27.2 | 34.4 | 56 | 12 | 20 | 18 | 20 | 20 | 20 | 61 | 63 | 50 | 54 | 57 |
| March | 29.76 | 29.89 | 30.19 | 28.62 | 42.3 | 40.7 | 50.6 | 47.1 | 38.4 | 37.1 | 42.8 | 41.0 | 55.1 | 39.0 | 47.0 | 76 | 33 | 33 | 32 | 33 | 33 | 33 | 71 | 72 | 53 | 60 | 64 |
| April | 29.93 | 30.06 | 30.22 | 29.50 | 51.3 | 50.8 | 65.7 | 58.7 | 46.1 | 45.8 | 52.7 | 49.6 | 69.0 | 48.5 | 58.8 | 87 | 37 | 40 | 40 | 41 | 40 | 40 | 67 | 68 | 43 | 53 | 58 |
| May | 29.90 | 30.03 | 30.22 | 29.60 | 63.7 | 63.6 | 76.3 | 70.3 | 58.4 | 58.0 | 63.0 | 61.8 | 77.6 | 60.3 | 69.0 | 94 | 50 | 54 | 54 | 54 | 56 | 54 | 73 | 72 | 48 | 62 | 64 |
| June | 29.84 | 29.97 | 30.18 | 29.46 | 69.2 | 70.3 | 80.0 | 76.1 | 65.1 | 65.7 | 68.7 | 67.1 | 82.4 | 66.5 | 74.4 | 93 | 57 | 62 | 63 | 62 | 62 | 62 | 80 | 79 | 58 | 64 | 70 |
| July | 29.86 | 29.99 | 30.13 | 29.58 | 73.9 | 74.9 | 87.0 | 80.3 | 69.0 | 68.8 | 72.4 | 71.0 | 88.2 | 71.2 | 79.7 | 99 | 65 | 66 | 66 | 65 | 66 | 66 | 79 | 74 | 50 | 64 | 67 |
| August | 29.92 | 30.05 | 30.29 | 29.65 | 71.0 | 71.6 | 81.3 | 75.7 | 67.5 | 66.9 | 70.3 | 69.4 | 82.8 | 68.1 | 75.4 | 94 | 54 | 66 | 65 | 64 | 66 | 65 | 84 | 80 | 58 | 73 | 74 |
| September | 29.93 | 30.06 | 30.45 | 29.47 | 65.8 | 65.3 | 78.7 | 70.5 | 62.2 | 61.7 | 66.3 | 63.7 | 80.2 | 62.1 | 71.2 | 92 | 41 | 60 | 59 | 58 | 59 | 59 | 81 | 81 | 52 | 68 | 70 |
| October | 29.92 | 30.06 | 30.36 | 29.44 | 56.2 | 54.8 | 66.4 | 61.0 | 53.0 | 51.8 | 57.4 | 55.9 | 68.3 | 53.1 | 60.7 | 86 | 35 | 50 | 49 | 50 | 51 | 50 | 81 | 81 | 59 | 69 | 73 |
| November | 29.97 | 30.10 | 30.43 | 29.26 | 45.1 | 43.4 | 54.5 | 48.4 | 41.4 | 40.0 | 46.2 | 43.3 | 57.1 | 40.8 | 49.0 | 79 | 27 | 36 | 35 | 37 | 37 | 36 | 72 | 72 | 52 | 65 | 66 |
| December | 29.96 | 30.09 | 30.60 | 28.76 | 32.7 | 30.5 | 36.5 | 34.6 | 30.2 | 28.4 | 32.5 | 31.4 | 41.1 | 28.7 | 34.9 | 51 | 5 | 25 | 24 | 25 | 25 | 25 | 73 | 76 | 64 | 68 | 70 |
| Year | 29.90 | 30.03 | 30.60 | 28.62 | 52.8 | 52.0 | 62.7 | 57.8 | 49.0 | 48.1 | 53.1 | 51.3 | 65.5 | 49.5 | 57.5 | 99 | 5 | 45 | 44 | 44 | 45 | 44 | 74 | 74 | 53 | 63 | 66 |

BARROW, ALASKA

[$\phi$=71°23′ N.; $\lambda$=156°17′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.00 | 30.02 | 30.76 | 29.26 | −3.2 | −2.4 | −4.5 | −4.3 | −3.3 | −2.6 | −4.6 | −4.5 | 2.6 | −10.1 | −3.8 | 28 | −28 | −5 | −4 | −6 | −6 | −5 | 93 | 91 | 94 | 90 | 92 |
| February | 30.07 | 30.08 | 30.48 | 29.45 | −9.5 | −9.9 | −8.8 | −7.7 | −9.6 | −10.1 | −9.0 | −7.9 | −3.0 | −16.0 | −9.5 | 14 | −32 | −11 | −12 | −11 | −9 | −11 | 92 | 90 | 88 | 91 | 90 |
| March | 30.08 | 30.10 | 30.98 | 29.37 | −19.2 | −21.0 | −20.5 | −16.4 | −19.2 | −21.1 | −20.6 | −16.5 | −14.8 | −24.2 | −19.5 | −2 | −40 | −20 | −23 | −22 | −18 | −21 | 93 | 90 | 92 | 90 | 91 |
| April | 29.97 | 29.99 | 30.33 | 29.56 | 2.1 | −.3 | 1.5 | 7.0 | 1.9 | −.4 | 1.3 | 6.8 | 8.3 | −3.7 | 2.3 | 21 | −18 | 1 | −2 | −2 | 6 | 1 | 95 | 94 | 92 | 95 | 94 |
| May | 30.10 | 30.11 | 30.52 | 29.60 | 20.3 | 17.1 | 19.6 | 22.2 | 20.0 | 16.8 | 19.3 | 21.9 | 23.6 | 14.4 | 19.0 | 37 | −3 | 19 | 16 | 18 | 22 | 19 | 95 | 96 | 95 | 97 | 96 |
| June | 29.98 | 29.99 | 30.27 | 29.56 | 33.3 | 31.4 | 34.7 | 36.7 | 32.8 | 31.0 | 33.5 | 35.8 | 39.0 | 29.3 | 34.2 | 70 | 16 | 32 | 30 | 32 | 35 | 32 | 95 | 96 | 90 | 93 | 94 |
| July | 29.84 | 29.86 | 30.16 | 29.47 | 40.7 | 38.9 | 41.0 | 43.9 | 39.6 | 38.3 | 39.9 | 42.4 | 49.0 | 35.5 | 42.2 | 68 | 31 | 38 | 38 | 39 | 41 | 39 | 92 | 95 | 92 | 89 | 92 |
| August | 29.79 | 29.81 | 30.24 | 29.13 | 38.5 | 36.9 | 38.6 | 39.9 | 37.7 | 36.6 | 37.8 | 38.8 | 42.2 | 34.7 | 38.4 | 60 | 30 | 37 | 36 | 37 | 37 | 37 | 93 | 97 | 93 | 91 | 93 |
| September | 29.90 | 29.92 | 30.56 | 29.43 | 32.5 | 32.1 | 32.3 | 33.1 | 31.6 | 31.6 | 31.8 | 32.6 | 35.8 | 28.9 | 32.4 | 53 | 21 | 30 | 31 | 31 | 32 | 31 | 91 | 94 | 95 | 94 | 94 |
| October | 29.72 | 29.73 | 30.23 | 29.09 | 20.5 | 17.7 | 18.4 | 20.1 | 20.2 | 17.4 | 17.8 | 19.9 | 23.5 | 11.8 | 17.6 | 31 | −9 | 20 | 17 | 17 | 19 | 18 | 96 | 96 | 97 | 96 | 96 |
| November | 30.11 | 30.13 | 30.67 | 29.34 | −1.3 | −3.2 | −2.2 | −1.4 | −1.6 | −3.4 | −2.5 | −1.7 | 4.0 | −9.8 | −2.9 | 26 | −25 | −4 | −5 | −5 | −4 | −4 | 87 | 90 | 86 | 88 | 88 |
| December | 30.22 | 30.24 | 30.90 | 29.68 | −11.9 | −12.2 | −12.2 | −13.3 | −12.2 | −12.4 | −12.4 | −13.6 | −6.6 | −18.8 | −12.7 | 8 | −37 | −15 | −16 | −15 | −17 | −16 | 85 | 82 | 84 | 82 | 83 |
| Year | 29.98 | 30.00 | 30.98 | 29.09 | 11.9 | 10.4 | 11.5 | 13.3 | 11.5 | 10.1 | 11.0 | 12.8 | 17.0 | 6.0 | 11.5 | 70 | −40 | 10 | 9 | 9 | 12 | 10 | 92 | 93 | 92 | 91 | 92 |

BETHEL, ALASKA

[$\phi$=60°47′ N.; $\lambda$=161°41′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.40 | 29.44 | 29.80 | 28.80 | 22.9 | 21.6 | 21.4 | 24.2 | 21.1 | 20.0 | 19.4 | 21.6 | 27.8 | 15.4 | 21.6 | 49 | −10 | 17 | 16 | 15 | 16 | 16 | 77 | 79 | 74 | 72 | 76 |
| February | 29.47 | 29.51 | 30.24 | 28.67 | 22.4 | 21.1 | 20.5 | 23.8 | 21.1 | 20.0 | 19.2 | 21.9 | 27.1 | 15.5 | 21.3 | 41 | 1 | 18 | 17 | 16 | 17 | 17 | 82 | 84 | 81 | 74 | 80 |
| March | 29.58 | 29.65 | 30.59 | 28.60 | 12.8 | 7.5 | 7.2 | 17.2 | 11.4 | 6.5 | 6.2 | 15.2 | 20.9 | −.6 | 10.2 | 35 | −23 | 6 | 2 | .1 | 9 | 5 | 73 | 75 | 74 | 68 | 73 |
| April | 29.53 | 29.57 | 29.96 | 28.93 | 36.2 | 30.5 | 30.8 | 38.6 | 33.1 | 28.9 | 29.0 | 34.6 | 40.5 | 26.7 | 33.6 | 51 | 21 | 29 | 26 | 26 | 29 | 28 | 73 | 83 | 82 | 68 | 76 |
| May | 29.84 | 29.88 | 30.40 | 29.37 | 47.8 | 38.4 | 41.8 | 50.1 | 42.5 | 36.7 | 38.4 | 43.2 | 52.4 | 32.6 | 42.5 | 66 | 19 | 36 | 35 | 34 | 35 | 35 | 66 | 86 | 75 | 58 | 71 |
| June | 29.77 | 29.81 | 30.22 | 29.34 | 58.1 | 47.3 | 51.6 | 59.1 | 52.0 | 45.5 | 47.4 | 50.9 | 61.8 | 41.4 | 51.6 | 78 | 34 | 47 | 44 | 43 | 43 | 44 | 67 | 87 | 74 | 57 | 72 |
| July | 29.90 | 29.94 | 30.29 | 29.47 | 57.0 | 50.5 | 52.6 | 59.2 | 52.9 | 49.1 | 50.4 | 53.7 | 61.4 | 46.0 | 53.7 | 75 | 37 | 49 | 48 | 48 | 49 | 49 | 77 | 91 | 86 | 71 | 81 |
| August | 29.72 | 29.75 | 30.21 | 29.31 | 55.3 | 51.5 | 52.8 | 57.6 | 52.3 | 50.2 | 51.0 | 53.0 | 59.2 | 46.8 | 53.0 | 69 | 32 | 50 | 49 | 49 | 49 | 49 | 82 | 91 | 88 | 74 | 84 |
| September | 29.74 | 29.78 | 30.36 | 29.26 | 49.7 | 46.8 | 47.1 | 53.4 | 47.5 | 45.4 | 45.7 | 49.5 | 54.9 | 42.8 | 48.8 | 64 | 31 | 45 | 44 | 44 | 46 | 45 | 85 | 90 | 90 | 76 | 86 |
| October | 29.58 | 29.62 | 30.09 | 28.62 | 31.3 | 29.1 | 28.5 | 34.5 | 29.9 | 28.2 | 27.7 | 32.0 | 35.7 | 24.8 | 30.2 | 59 | 14 | 28 | 26 | 26 | 28 | 27 | 85 | 90 | 91 | 77 | 86 |
| November | 29.86 | 29.90 | 30.39 | 29.29 | 15.3 | 14.2 | 13.7 | 16.1 | 14.5 | 13.4 | 12.9 | 15.2 | 19.8 | 6.5 | 13.2 | 40 | −20 | 10 | 13 | 8 | 10 | 9 | 77 | 85 | 78 | 77 | 78 |
| December | 29.95 | 29.99 | 30.56 | 29.20 | −9.5 | −9.0 | −10.0 | −7.2 | −10.1 | −9.7 | −10.6 | −7.9 | −2.6 | −15.4 | −9.0 | 18 | −29 | −18 | −17 | −18 | −14 | −17 | 65 | 64 | 63 | 69 | 65 |
| Year | 29.70 | 29.78 | 30.59 | 28.60 | 33.3 | 29.2 | 29.9 | 35.6 | 30.7 | 27.8 | 28.2 | 31.9 | 38.4 | 23.5 | 30.9 | 78 | −29 | 26 | 25 | 24 | 26 | 25 | 73 | 84 | 79 | 70 | 77 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Baker, Oreg., 3,471 feet; Baltimore, Md., 123 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

BAKER, OREG.

Airport [$H$=3,368 ft.; $H_b$=3,373 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=28 ft.] City [$H$=3,445 ft.; $H_b$=3,471 ft.; $H_t$=36 ft.; $H_r$=41 ft.; $H_a$=54 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.04 | 0.35 | 9.9 | 6.8 | 5.4 | s. | 20 | s. | 0 | 6 | 7 | 18 | 11 | 6 | 14 | 9 | 0 | 2 | 0 | 0 | 0 | 15 | 0 | 0 | 28 | 4 | 0 |
| February | .83 | .26 | 9.0 | 6.9 | 6.2 | se. | 20 | n. | 0 | 4 | 7 | 17 | 13 | 7 | 19 | 13 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 25 | 0 | 0 |
| March | .47 | .18 | 5.3 | 5.9 | 6.2 | se. | 31 | sw. | 0 | 9 | 9 | 13 | 6 | 4 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 |
| April | 1.33 | .94 | 5.1 | 6.6 | 6.8 | se. | 26 | sw. | 0 | 3 | 15 | 12 | 11 | 6 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 2 |
| May | 3.61 | 1.16 | 1.8 | 7.6 | 6.0 | n. | 26 | sw. | 0 | 4 | 5 | 22 | 22 | 15 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 6 |
| June | 1.02 | .57 | .0 | 5.2 | 5.7 | n. | 16 | n. | 0 | 9 | 13 | 8 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | .37 | .18 | .0 | 2.1 | 6.1 | n. | 20 | sw. | 0 | 25 | 6 | 0 | 4 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | 2 | 0 | 0 | 3 |
| August | .22 | .14 | .0 | 2.4 | 6.1 | n. | 20 | w. | 0 | 22 | 7 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 2 | 0 | 0 | 4 |
| September | .34 | .34 | .0 | 3.6 | 5.9 | s. | 17 | n. | 0 | 17 | 9 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| October | .59 | .22 | T | 4.1 | 6.1 | s. | 23 | sw. | 0 | 16 | 8 | 7 | 7 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 |
| November | 1.51 | .55 | 10.6 | 7.9 | 6.3 | se. | 34 | sw. | 1 | 3 | 6 | 21 | 15 | 9 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 |
| December | 1.91 | .30 | 14.9 | 9.2 | 5.4 | s. | 26 | sw. | 0 | 0 | 4 | 27 | 19 | 12 | 18 | 14 | 0 | 5 | 2 | 1 | 0 | 9 | 0 | 0 | 25 | 0 | 0 |
| Year | 13.24 | 1.16 | 56.6 | 5.7 | 6.0 | s. | 34 | sw. | 1 | 118 | 96 | 151 | 121 | 73 | 85 | 51 | 4 | 8 | 2 | 1 | 0 | 32 | 23 | 4 | 158 | 4 | 16 |

BALTIMORE, MD.

Airport [$H$=16 ft.; $H_b$=16 ft.; $H_t$=30 ft.; $H_r$=30 ft.; $H_a$=72 ft.] City [$H$=15 ft.; $H_b$=123 ft.; $H_t$=100 ft.; $H_r$=90 ft.; $H_a$=215 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.04 | 0.78 | 3.0 | 5.0 | 11.6 | sw. | 42 | sw. | 5 | 12 | 9 | 10 | 10 | 6 | 8 | 4 | 0 | 7 | 2 | 2 | 2 | 5 | 0 | 0 | 17 | 0 | 0 |
| February | 2.79 | 1.83 | 1.0 | 4.9 | 13.4 | nw. | 46 | sw. | 3 | 12 | 5 | 11 | 5 | 5 | 5 | 1 | 0 | 5 | 3 | 3 | 3 | 2 | 0 | 0 | 19 | 0 | 0 |
| March | 6.50 | 2.26 | 22.2 | 6.1 | 12.6 | sw. | 45 | sw. | 9 | 10 | 6 | 15 | 13 | 11 | 6 | 3 | 0 | 7 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | .88 | .82 | T | 4.8 | 10.3 | sw. | 33 | e. | 2 | 11 | 13 | 6 | 4 | 2 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 4.19 | 1.90 | .0 | 5.6 | 10.7 | s. | 34 | se. | 4 | 8 | 13 | 10 | 8 | 8 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 7 |
| June | 2.26 | 1.12 | .0 | 6.6 | 9.3 | s. | 33 | sw. | 1 | 6 | 10 | 14 | 10 | 8 | 0 | 0 | 0 | 14 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 7 |
| July | 4.46 | 2.29 | .0 | 5.5 | 8.6 | sw. | 35 | nw. | 3 | 9 | 11 | 11 | 10 | 8 | 0 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 13 | 3 | 0 | 0 | 11 |
| August | 7.01 | 3.13 | .0 | 6.3 | 8.6 | s. | 34 | se. | 1 | 8 | 7 | 16 | 13 | 9 | 0 | 0 | 0 | 9 | 1 | 1 | 1 | 0 | 5 | 0 | 0 | 0 | 7 |
| September | 1.82 | 1.36 | .0 | 5.0 | 8.6 | n. | 33 | nw. | 3 | 12 | 10 | 8 | 7 | 4 | 0 | 0 | 0 | 10 | 3 | 2 | 1 | 0 | 4 | 0 | 0 | 0 | 1 |
| October | 7.75 | 2.52 | .0 | 5.4 | 10.0 | ne. | 31 | sw. | 0 | 13 | 5 | 13 | 11 | 9 | 0 | 0 | 0 | 15 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | 2.36 | .67 | .0 | 4.9 | 10.4 | s. | 40 | sw. | 1 | 13 | 9 | 8 | 10 | 7 | 0 | 0 | 0 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 1 |
| December | 3.96 | 1.53 | 5.1 | 6.9 | 10.9 | sw. | 44 | sw. | 4 | 7 | 6 | 18 | 15 | 13 | 9 | 4 | 0 | 10 | 5 | 1 | 1 | 3 | 0 | 0 | 17 | 0 | 0 |
| Year | 46.02 | 3.13 | 31.3 | 5.6 | 10.4 | sw. | 46 | sw. | 36 | 121 | 104 | 140 | 116 | 90 | 29 | 12 | 1 | 97 | 25 | 14 | 11 | 10 | 27 | 3 | 57 | 0 | 36 |

BARROW, ALASKA

[$H$=13 ft.; $H_b$=13 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=30 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.15 | 0.04 | 1.8 | 6.1 | 12.1 | ne. | 47 | se. | 1 | 9 | 8 | 14 | 9 | 1 | 19 | 8 | 0 | 2 | 3 | 1 | 0 | 31 | 0 | 0 | 31 | 25 | 0 |
| February | .15 | .08 | 1.2 | 6.7 | 13.9 | e. | 36 | se. | 5 | 6 | 8 | 14 | 7 | 2 | 17 | 7 | 0 | 5 | 2 | 0 | 0 | 28 | 0 | 0 | 28 | 26 | 0 |
| March | .06 | .03 | .6 | 4.5 | 15.9 | e. | 45 | se. | 4 | 13 | 8 | 10 | 4 | 0 | 7 | 4 | 0 | 10 | 0 | 1 | 0 | 31 | 0 | 0 | 31 | 31 | 0 |
| April | .03 | .03 | .4 | 6.1 | 15.5 | e. | 35 | se. | 5 | 11 | 4 | 15 | 1 | 0 | 11 | 1 | 0 | 10 | 7 | 4 | 1 | 30 | 0 | 0 | 30 | 19 | 0 |
| May | .31 | .14 | 3.0 | 9.1 | 12.8 | e. | 34 | w. | 1 | 0 | 5 | 26 | 10 | 2 | 21 | 9 | 0 | 14 | 2 | 5 | 1 | 28 | 0 | 0 | 31 | 1 | 0 |
| June | .25 | .17 | T | 6.1 | 13.6 | e. | 31 | e. | 0 | 10 | 4 | 16 | 4 | 2 | 3 | 0 | 0 | 13 | 8 | 7 | 3 | 5 | 0 | 0 | 23 | 0 | 0 |
| July | 2.16 | .65 | .0 | 8.4 | 11.9 | e. | 34 | ne. | 2 | 2 | 7 | 22 | 14 | 10 | 0 | 0 | 0 | 18 | 11 | 9 | 3 | 0 | 0 | 0 | 6 | 0 | 0 |
| August | 1.19 | .23 | T | 8.7 | 14.3 | e. | 39 | e. | 3 | 1 | 6 | 24 | 13 | 9 | 6 | 3 | 0 | 11 | 1 | 6 | 7 | 0 | 0 | 0 | 6 | 0 | 0 |
| September | 1.14 | .36 | 2.2 | 9.1 | 18.7 | e. | 49 | e. | 7 | 1 | 4 | 25 | 13 | 6 | 18 | 7 | 0 | 7 | 3 | 3 | 1 | 13 | 0 | 0 | 23 | 0 | 0 |
| October | .69 | .14 | 5.8 | 9.0 | 11.6 | e. | 31 | w. | 0 | 1 | 4 | 26 | 16 | 8 | 22 | 16 | 0 | 7 | 1 | 4 | 0 | 31 | 0 | 0 | 31 | 6 | 0 |
| November | .23 | .10 | 1.0 | 5.2 | 15.2 | e. | 34 | e. | 1 | 11 | 10 | 9 | 8 | 2 | 16 | 8 | 0 | 1 | 0 | 0 | 0 | 30 | 0 | 0 | 30 | 27 | 0 |
| December | .10 | .05 | .5 | 4.6 | 12.6 | w. | 34 | e. | 4 | 13 | 10 | 8 | 6 | 1 | 15 | 6 | 0 | 2 | 0 | 0 | 0 | 31 | 0 | 0 | 31 | 31 | 0 |
| Year | 6.46 | .65 | 16.5 | 7.0 | 14.0 | e. | 49 | e. | 33 | 78 | 78 | 209 | 105 | 43 | 155 | 69 | 0 | 100 | 38 | 40 | 16 | 258 | 0 | 0 | 301 | 166 | 0 |

BETHEL, ALASKA

[$H$=21 ft.; $H_b$=38 ft.; $H_t$=6 ft.; $H_r$=5 ft.; $H_a$=31 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.35 | 0.12 | 2.7 | 7.4 | ..... | ne. | ..... | ..... | ..... | 3 | 7 | 21 | 2 | 3 | 14 | 6 | 0 | 2 | 1 | 0 | 0 | 20 | 0 | 0 | 26 | 5 | 0 |
| February | 1.18 | .27 | 7.1 | 8.8 | ..... | ne. | ..... | ..... | ..... | 2 | 1 | 25 | 15 | 9 | 21 | 11 | 0 | 4 | 0 | 0 | 0 | 17 | 0 | 0 | 27 | 0 | 0 |
| March | .69 | .29 | 8.4 | 6.3 | ..... | ne. | ..... | ..... | ..... | 9 | 7 | 15 | 10 | 4 | 15 | 10 | 0 | 4 | 2 | 2 | 0 | 29 | 0 | 0 | 31 | 16 | 0 |
| April | 1.18 | .37 | 4.6 | 8.6 | ..... | s. | ..... | ..... | ..... | 2 | 4 | 24 | 13 | 9 | 17 | 8 | 3 | 6 | 6 | 3 | 0 | 1 | 0 | 0 | 28 | 0 | 0 |
| May | 1.58 | .60 | .3 | 7.5 | ..... | ne. | ..... | ..... | ..... | 5 | 3 | 23 | 12 | 7 | 4 | 1 | 0 | 5 | 2 | 2 | 1 | 0 | 0 | 0 | 14 | 0 | 0 |
| June | 1.35 | .31 | .0 | 8.1 | ..... | n. | ..... | ..... | ..... | 1 | 7 | 22 | 9 | 6 | 0 | 0 | 0 | 5 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | 1.95 | .97 | .0 | 8.9 | ..... | sw. | ..... | ..... | ..... | 2 | 2 | 27 | 15 | 9 | 0 | 0 | 0 | 10 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | 4.72 | .71 | .0 | 9.8 | ..... | sw. | ..... | ..... | ..... | 0 | 1 | 30 | 22 | 21 | 0 | 0 | 0 | 7 | 3 | 1 | 1 | 0 | 0 | 0 | 1 | | 0 |
| September | 4.12 | .92 | .0 | 8.4 | ..... | s. | ..... | ..... | ..... | 2 | 5 | 23 | 23 | 21 | 0 | 0 | 0 | 5 | 4 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| October | 1.82 | .92 | 4.1 | 7.7 | ..... | n. | ..... | ..... | ..... | 4 | 6 | 21 | 14 | 8 | 19 | 10 | 0 | 8 | 4 | 3 | 2 | 12 | 0 | 0 | 28 | 0 | 0 |
| November | 1.24 | .31 | 12.3 | 6.6 | ..... | n. | ..... | ..... | ..... | 7 | 7 | 16 | 14 | 8 | 16 | 12 | 0 | 7 | 6 | 5 | 4 | 21 | 0 | 0 | 29 | 12 | 0 |
| December | .31 | .15 | 3.7 | 3.2 | ..... | n. | ..... | ..... | ..... | 18 | 6 | 7 | 4 | 3 | 7 | 4 | 0 | 7 | 4 | 3 | 2 | 31 | 0 | 0 | 31 | 30 | 0 |
| Year | 20.49 | .97 | 43.2 | 7.6 | ..... | ne. | ..... | ..... | ..... | 55 | 56 | 254 | 153 | 108 | 113 | 62 | 3 | 70 | 39 | 27 | 15 | 131 | 0 | 0 | 216 | 63 | 3 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

BILLINGS, MONT.

Airport [$\phi$=45°48′ N.; $\lambda$=108°32′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 26.416 | 30.223 | 26.770 | 26.020 | 23.1 | 21.2 | 26.9 | 28.6 | 20.4 | 18.8 | 23.6 | 24.7 | 34.6 | 17.1 | 25.8 | 49 | −25 | 15 | 14 | 18 | 18 | 17 | 72 | 74 | 70 | 65 | 70 |
| February | 26.267 | 30.064 | 26.530 | 25.920 | 20.6 | 18.3 | 23.5 | 26.2 | 18.9 | 16.8 | 21.0 | 23.2 | 30.1 | 14.3 | 22.2 | 44 | −8 | 15 | 13 | 16 | 17 | 15 | 77 | 79 | 71 | 68 | 74 |
| March | 26.257 | 29.987 | 26.639 | 25.790 | 33.0 | 29.4 | 38.0 | 41.6 | 28.8 | 26.4 | 32.0 | 33.9 | 45.1 | 26.3 | 35.7 | 66 | 12 | 22 | 21 | 23 | 23 | 22 | 64 | 71 | 56 | 49 | 60 |
| April | 26.199 | 29.855 | 26.660 | 25.760 | 45.7 | 40.4 | 53.6 | 56.0 | 39.6 | 36.3 | 43.1 | 44.5 | 60.8 | 36.7 | 48.8 | 81 | 24 | 32 | 31 | 32 | 32 | 32 | 62 | 72 | 48 | 44 | 57 |
| May | 26.261 | 29.916 | 26.622 | 25.890 | 48.4 | 42.9 | 56.4 | 58.5 | 44.0 | 40.8 | 47.3 | 48.3 | 61.9 | 41.5 | 51.7 | 80 | 32 | 40 | 38 | 39 | 39 | 39 | 74 | 85 | 55 | 52 | 67 |
| June | 26.269 | 29.888 | 26.720 | 25.860 | 55.9 | 51.0 | 65.3 | 66.6 | 50.7 | 47.5 | 54.3 | 55.3 | 71.7 | 49.2 | 60.4 | 81 | 41 | 46 | 44 | 46 | 47 | 46 | 72 | 80 | 50 | 52 | 63 |
| July | 26.364 | 29.946 | 26.673 | 26.020 | 67.5 | 60.9 | 77.8 | 81.3 | 57.4 | 53.9 | 61.3 | 62.0 | 86.2 | 58.1 | 72.2 | 99 | 52 | 50 | 49 | 51 | 50 | 50 | 56 | 69 | 41 | 37 | 51 |
| August | 26.327 | 29.912 | 26.690 | 26.010 | 65.4 | 57.5 | 74.2 | 78.4 | 54.8 | 51.5 | 59.0 | 59.5 | 82.1 | 54.8 | 68.4 | 96 | 48 | 47 | 47 | 49 | 47 | 47 | 54 | 69 | 42 | 36 | 50 |
| September | 26.338 | 29.968 | 26.640 | 26.000 | 55.2 | 50.2 | 61.6 | 67.4 | 48.0 | 45.6 | 51.5 | 52.9 | 70.9 | 46.7 | 58.8 | 91 | 29 | 42 | 42 | 44 | 41 | 42 | 65 | 75 | 56 | 44 | 60 |
| October | 26.348 | 30.020 | 26.750 | 25.870 | 46.8 | 42.6 | 54.2 | 56.4 | 40.5 | 38.3 | 44.5 | 45.1 | 62.2 | 39.4 | 50.8 | 84 | 22 | 34 | 33 | 35 | 34 | 34 | 62 | 71 | 51 | 46 | 57 |
| November | 26.232 | 29.962 | 26.770 | 25.430 | 32.3 | 31.2 | 37.0 | 37.2 | 28.8 | 27.7 | 31.8 | 31.8 | 43.5 | 26.3 | 34.9 | 65 | 11 | 24 | 22 | 25 | 24 | 24 | 70 | 70 | 63 | 60 | 66 |
| December | 26.244 | 30.003 | 26.700 | 25.820 | 27.5 | 25.5 | 32.3 | 32.5 | 25.1 | 23.3 | 28.2 | 28.6 | 39.2 | 21.1 | 30.2 | 60 | 4 | 21 | 19 | 22 | 23 | 21 | 77 | 77 | 66 | 66 | 71 |
| Year | 26.294 | 29.979 | 26.770 | 25.430 | 43.4 | 39.2 | 50.1 | 52.6 | 38.1 | 35.6 | 41.5 | 42.5 | 57.4 | 36.0 | 46.7 | 99 | −25 | 32 | 31 | 33 | 33 | 32 | 67 | 74 | 56 | 52 | 62 |

BINGHAMTON, N. Y.

Airport [$\phi$=42°05′ N.; $\lambda$=76°06′ W.] City [$\phi$=42°06′ N.; $\lambda$=75°55′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.09 | 30.05 | 29.56 | 28.36 | 23.6 | 21.4 | 29.2 | 26.7 | 22.0 | 20.1 | 25.9 | 24.4 | 33.3 | 16.1 | 24.7 | 51 | −15 | 19 | 17 | 19 | 20 | 19 | 81 | 83 | 65 | 74 | 76 |
| February | 28.95 | 29.91 | 29.45 | 28.38 | 20.2 | 19.6 | 25.4 | 22.9 | 19.1 | 18.7 | 22.9 | 21.0 | 29.0 | 15.4 | 22.2 | 46 | −5 | 16 | 16 | 17 | 16 | 17 | 84 | 86 | 69 | 75 | 79 |
| March | 28.92 | 29.86 | 29.36 | 28.00 | 34.1 | 33.6 | 42.8 | 39.8 | 32.2 | 31.5 | 36.8 | 35.5 | 45.8 | 30.1 | 38.0 | 65 | 23 | 29 | 28 | 28 | 30 | 29 | 82 | 81 | 58 | 67 | 72 |
| April | 29.10 | 30.04 | 29.38 | 28.66 | 44.8 | 43.5 | 59.3 | 56.0 | 41.1 | 39.7 | 47.7 | 46.8 | 61.9 | 40.0 | 51.0 | 84 | 27 | 37 | 35 | 36 | 38 | 37 | 75 | 75 | 47 | 55 | 63 |
| May | 29.11 | 30.03 | 29.40 | 28.82 | 56.1 | 56.0 | 68.2 | 64.9 | 52.8 | 52.2 | 57.7 | 56.8 | 71.5 | 50.9 | 61.2 | 87 | 30 | 50 | 49 | 50 | 50 | 50 | 82 | 80 | 54 | 62 | 69 |
| June | 29.06 | 29.98 | 29.42 | 28.76 | 62.0 | 62.5 | 75.1 | 71.0 | 58.8 | 58.7 | 63.0 | 63.1 | 78.3 | 57.6 | 68.0 | 88 | 47 | 57 | 56 | 56 | 58 | 57 | 83 | 81 | 52 | 66 | 71 |
| July | 29.08 | 29.99 | 29.37 | 28.83 | 65.8 | 65.6 | 79.0 | 75.7 | 62.6 | 62.1 | 66.6 | 66.5 | 82.6 | 60.5 | 71.6 | 95 | 45 | 61 | 60 | 60 | 62 | 60 | 84 | 83 | 53 | 63 | 71 |
| August | 29.15 | 30.07 | 29.52 | 28.86 | 62.3 | 60.9 | 76.7 | 71.9 | 60.0 | 58.7 | 64.7 | 63.8 | 79.3 | 57.5 | 68.4 | 92 | 42 | 58 | 57 | 58 | 59 | 58 | 88 | 89 | 53 | 66 | 74 |
| September | 29.14 | 30.07 | 29.62 | 28.67 | 57.6 | 55.2 | 69.1 | 64.1 | 55.4 | 51.5 | 58.9 | 58.0 | 73.0 | 51.4 | 62.2 | 90 | 31 | 54 | 53 | 52 | 54 | 53 | 88 | 91 | 56 | 69 | 76 |
| October | 29.13 | 30.07 | 29.67 | 28.61 | 48.4 | 46.4 | 60.5 | 55.0 | 46.0 | 44.2 | 51.4 | 49.6 | 62.7 | 43.2 | 53.0 | 74 | 31 | 44 | 42 | 43 | 44 | 43 | 84 | 86 | 55 | 69 | 73 |
| November | 29.11 | 30.06 | 29.61 | 28.51 | 38.0 | 36.4 | 45.4 | 40.9 | 35.4 | 34.7 | 39.9 | 37.3 | 49.1 | 30.9 | 40.0 | 70 | 17 | 32 | 32 | 33 | 32 | 32 | 79 | 84 | 63 | 72 | 74 |
| December | 29.06 | 30.04 | 29.76 | 27.84 | 22.5 | 22.7 | 28.9 | 23.7 | 21.7 | 21.5 | 26.2 | 22.5 | 31.6 | 18.0 | 24.8 | 45 | −17 | 20 | 19 | 21 | 20 | 20 | 90 | 85 | 71 | 85 | 83 |
| Year | 29.08 | 30.01 | 29.76 | 27.84 | 44.6 | 43.6 | 55.0 | 51.0 | 42.3 | 41.1 | 46.8 | 45.4 | 58.2 | 39.3 | 48.8 | 95 | −17 | 40 | 39 | 39 | 40 | 40 | 83 | 84 | 58 | 69 | 73 |

BIRMINGHAM, ALA.

Airport [$\phi$=33°34′ N.; $\lambda$=86°45′ W.] City [$\phi$=33°32′ N.; $\lambda$=86°50′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.42 | 30.18 | 29.78 | 28.87 | 36.1 | 31.9 | 48.1 | 43.2 | 33.6 | 30.2 | 40.4 | 37.9 | 52.9 | 32.8 | 42.8 | 71 | 7 | 30 | 28 | 30 | 30 | 30 | 78 | 83 | 51 | 62 | 69 |
| February | 29.30 | 30.07 | 29.67 | 28.64 | 38.4 | 36.4 | 47.0 | 44.0 | 35.2 | 33.8 | 40.4 | 38.7 | 51.9 | 34.4 | 43.2 | 70 | 20 | 31 | 30 | 32 | 32 | 31 | 74 | 78 | 57 | 62 | 68 |
| March | 29.22 | 29.97 | 29.51 | 28.72 | 48.9 | 46.0 | 59.5 | 57.6 | 45.5 | 43.8 | 49.7 | 48.8 | 64.5 | 45.2 | 54.8 | 78 | 32 | 42 | 42 | 39 | 40 | 41 | 78 | 85 | 52 | 54 | 67 |
| April | 29.36 | 30.10 | 29.61 | 29.00 | 56.3 | 52.8 | 73.0 | 69.7 | 50.4 | 49.4 | 57.1 | 56.0 | 77.3 | 53.6 | 65.4 | 91 | 33 | 45 | 46 | 44 | 45 | 45 | 68 | 79 | 38 | 42 | 57 |
| May | 29.30 | 30.03 | 29.49 | 28.99 | 62.8 | 62.6 | 78.1 | 76.0 | 58.8 | 59.1 | 63.8 | 64.0 | 80.9 | 60.5 | 70.7 | 89 | 46 | 56 | 57 | 55 | 56 | 56 | 81 | 82 | 47 | 52 | 66 |
| June | 29.24 | 29.97 | 29.45 | 29.01 | 70.9 | 72.2 | 84.4 | 81.2 | 67.8 | 68.2 | 71.2 | 70.7 | 88.1 | 68.8 | 78.4 | 95 | 61 | 66 | 66 | 65 | 66 | 66 | 86 | 82 | 54 | 62 | 71 |
| July | 29.35 | 30.08 | 29.53 | 29.17 | 72.7 | 73.4 | 86.9 | 81.6 | 70.8 | 70.9 | 74.6 | 73.4 | 90.6 | 71.3 | 81.0 | 99 | 67 | 70 | 70 | 70 | 70 | 70 | 91 | 89 | 58 | 70 | 77 |
| August | 29.32 | 30.05 | 29.54 | 29.17 | 71.0 | 70.4 | 84.7 | 79.5 | 68.7 | 68.2 | 72.8 | 72.3 | 88.6 | 69.0 | 78.8 | 95 | 60 | 68 | 67 | 68 | 69 | 68 | 90 | 89 | 59 | 72 | 78 |
| September | 29.33 | 30.06 | 29.66 | 29.01 | 64.5 | 63.1 | 79.2 | 72.4 | 62.9 | 61.5 | 67.9 | 66.8 | 82.8 | 62.7 | 72.8 | 94 | 42 | 62 | 60 | 62 | 64 | 62 | 91 | 91 | 57 | 75 | 78 |
| October | 29.31 | 30.05 | 29.57 | 28.95 | 56.4 | 52.7 | 73.2 | 64.6 | 54.2 | 51.6 | 61.3 | 59.6 | 76.0 | 54.2 | 65.1 | 83 | 32 | 53 | 51 | 54 | 56 | 53 | 88 | 94 | 52 | 76 | 77 |
| November | 29.39 | 30.14 | 29.63 | 29.00 | 48.7 | 45.7 | 63.6 | 55.3 | 45.7 | 43.8 | 53.1 | 49.9 | 67.1 | 46.6 | 56.8 | 80 | 31 | 43 | 42 | 43 | 45 | 43 | 81 | 86 | 50 | 69 | 72 |
| December | 29.36 | 30.12 | 29.77 | 28.63 | 42.1 | 40.8 | 51.4 | 46.0 | 40.4 | 39.4 | 45.7 | 42.6 | 55.5 | 38.1 | 46.8 | 73 | 26 | 38 | 37 | 39 | 38 | 38 | 86 | 88 | 66 | 76 | 79 |
| Year | 29.33 | 30.07 | 29.78 | 28.63 | 55.7 | 54.0 | 69.1 | 64.3 | 52.8 | 51.7 | 58.2 | 56.7 | 73.0 | 53.1 | 63.0 | 99 | 7 | 50 | 50 | 50 | 51 | 50 | 83 | 86 | 53 | 64 | 72 |

BISMARCK, N. DAK.

Airport [$\phi$=46°47′ N.; $\lambda$=100°46′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 28.26 | 30.14 | 28.74 | 27.74 | 14.6 | 12.6 | 25.3 | 22.9 | 13.2 | 11.6 | 21.4 | 19.8 | 32.0 | 6.7 | 19.4 | 54 | −28 | 10 | 9 | 14 | 14 | 12 | 81 | 85 | 62 | 68 | 74 |
| February | 28.27 | 30.15 | 28.57 | 27.75 | 14.4 | 12.1 | 20.3 | 21.2 | 13.7 | 11.4 | 18.3 | 19.5 | 26.2 | 7.4 | 16.8 | 48 | −21 | 12 | 9 | 13 | 16 | 13 | 89 | 88 | 72 | 78 | 82 |
| March | 28.09 | 29.92 | 28.62 | 27.58 | 27.4 | 24.6 | 35.9 | 36.1 | 26.0 | 23.6 | 31.3 | 31.6 | 40.6 | 22.1 | 31.4 | 66 | 4 | 24 | 22 | 24 | 25 | 24 | 84 | 87 | 64 | 65 | 75 |
| April | 28.13 | 29.92 | 28.62 | 27.57 | 41.4 | 38.0 | 50.9 | 53.9 | 38.1 | 36.0 | 43.4 | 45.0 | 57.6 | 34.7 | 46.2 | 87 | 10 | 34 | 33 | 35 | 36 | 35 | 77 | 84 | 58 | 54 | 68 |
| May | 28.18 | 29.97 | 28.53 | 27.58 | 45.9 | 42.5 | 56.8 | 57.5 | 43.0 | 40.6 | 48.7 | 48.9 | 61.7 | 39.4 | 50.6 | 84 | 27 | 40 | 39 | 41 | 41 | 40 | 80 | 86 | 59 | 57 | 71 |
| June | 28.13 | 29.89 | 28.51 | 27.76 | 56.4 | 54.8 | 66.8 | 69.1 | 53.5 | 52.5 | 58.0 | 59.0 | 72.2 | 50.8 | 61.5 | 84 | 33 | 51 | 50 | 51 | 52 | 51 | 83 | 86 | 60 | 56 | 71 |
| July | 28.20 | 29.96 | 28.55 | 27.83 | 62.5 | 59.8 | 74.3 | 76.8 | 59.4 | 57.6 | 64.8 | 66.3 | 80.5 | 56.6 | 68.6 | 92 | 43 | 57 | 56 | 59 | 61 | 58 | 85 | 88 | 61 | 59 | 73 |
| August | 28.16 | 29.91 | 28.50 | 27.81 | 62.4 | 57.4 | 75.0 | 76.8 | 58.5 | 55.0 | 63.3 | 63.8 | 80.6 | 55.3 | 68.0 | 99 | 38 | 56 | 53 | 57 | 56 | 56 | 80 | 87 | 55 | 52 | 68 |
| September | 28.22 | 30.00 | 28.60 | 27.79 | 49.7 | 45.5 | 61.6 | 62.6 | 46.9 | 43.6 | 52.4 | 52.8 | 67.5 | 42.8 | 55.2 | 95 | 16 | 45 | 42 | 46 | 45 | 44 | 82 | 87 | 58 | 55 | 70 |
| October | 28.18 | 29.99 | 28.67 | 27.68 | 41.3 | 37.1 | 55.2 | 52.3 | 38.0 | 35.1 | 45.9 | 44.5 | 60.0 | 34.2 | 47.1 | 85 | 6 | 34 | 32 | 38 | 38 | 36 | 77 | 84 | 54 | 60 | 69 |
| November | 28.15 | 29.99 | 28.76 | 27.24 | 25.7 | 22.8 | 35.4 | 31.8 | 23.7 | 21.1 | 30.6 | 28.1 | 41.4 | 18.2 | 29.8 | 66 | 0 | 20 | 18 | 24 | 22 | 21 | 80 | 81 | 62 | 66 | 72 |
| December | 28.23 | 30.11 | 28.82 | 27.73 | 12.0 | 9.7 | 15.6 | 16.2 | 11.3 | 9.1 | 14.4 | 15.3 | 23.3 | 1.8 | 12.6 | 41 | −19 | 9 | 7 | 11 | 13 | 10 | 88 | 88 | 81 | 86 | 86 |
| Year | 28.18 | 30.00 | 28.82 | 27.24 | 37.8 | 34.7 | 47.8 | 48.1 | 35.4 | 33.1 | 41.0 | 41.2 | 53.6 | 30.8 | 42.3 | 99 | −28 | 33 | 31 | 34 | 35 | 33 | 82 | 86 | 62 | 63 | 73 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Binghamton, N. Y., 871 feet; Birmingham, Ala., 700 feet; Bismarck, N. Dak., 1,677 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

BILLINGS, MONT.

Airport [$H$=3,568 ft.; $H_b$=3,570 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=37 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.40 | 0.18 | 3.2 | 5.1 | 14.8 | sw. | 34 | sw. | 3 | 10 | 13 | 8 | 6 | 2 | 8 | 4 | 0 | 2 | 0 | 0 | 2 | 9 | 0 | 0 | 30 | 6 | 0 |
| February | .75 | .35 | 9.8 | 6.6 | 11.2 | sw. | 36 | n. | 1 | 4 | 11 | 13 | 9 | 5 | 13 | 9 | 0 | 4 | 1 | 1 | 1 | 14 | 0 | 0 | 28 | 6 | 0 |
| March | .98 | .69 | 5.2 | 6.1 | 13.3 | sw. | 54 | nw. | 4 | 6 | 14 | 11 | 6 | 3 | 13 | 5 | 0 | 3 | 1 | 2 | 2 | 1 | 0 | 0 | 27 | 0 | 0 |
| April | 1.28 | .60 | .1 | 7.2 | 11.6 | sw. | 38 | nw. | 7 | 1 | 14 | 15 | 7 | 7 | 5 | 3 | 0 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 5 | 0 | 1 |
| May | 4.93 | 1.73 | T | 6.9 | 10.9 | sw. | 38 | nw. | 5 | 3 | 14 | 14 | 14 | 12 | 3 | 2 | 3 | 8 | 4 | 5 | 5 | 0 | 0 | 0 | 2 | 0 | 8 |
| June | 2.30 | 1.24 | .0 | 5.6 | 10.1 | sw. | 49 | w. | 10 | 7 | 15 | 8 | 10 | 9 | 0 | 0 | 3 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 10 |
| July | .56 | .41 | .0 | 3.8 | 9.8 | sw. | 43 | nw. | 6 | 16 | 14 | 1 | 6 | 3 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 12 | 3 | 0 | 0 | 12 |
| August | 1.07 | .44 | .0 | 4.5 | 9.8 | sw. | 50 | n. | 5 | 11 | 16 | 4 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 9 |
| September | 1.66 | .74 | .3 | 5.7 | 10.6 | sw. | 40 | n. | 2 | 9 | 9 | 12 | 9 | 5 | 2 | 1 | 1 | 2 | 0 | 2 | 2 | 0 | 3 | 0 | 3 | 0 | 1 |
| October | 1.20 | .70 | .6 | 5.4 | 12.0 | sw. | 50 | nw. | 5 | 8 | 13 | 10 | 6 | 5 | 4 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 8 | 0 | 0 |
| November | 1.09 | .44 | 7.5 | 6.6 | 12.6 | sw. | 49 | nw. | 6 | 5 | 11 | 14 | 7 | 5 | 14 | 6 | 0 | 4 | 1 | 2 | 1 | 3 | 0 | 0 | 23 | 0 | 0 |
| December | .12 | .06 | 1.7 | 7.1 | 11.5 | sw. | 36 | w. | 3 | 2 | 12 | 17 | 4 | 2 | 13 | 4 | 0 | 4 | 2 | 0 | 2 | 8 | 0 | 0 | 25 | 0 | 0 |
| Year | 16.34 | 1.73 | 28.4 | 5.9 | 11.5 | sw. | 54 | nw. | 57 | 82 | 156 | 127 | 90 | 63 | 75 | 35 | 8 | 36 | 11 | 14 | 19 | 35 | 19 | 4 | 151 | 12 | 41 |

BINGHAMTON, N. Y.

Airport [$H$=828 ft.; $H_b$=840 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=41 ft.] [$H$=858 ft.; $H_b$=871 ft.; $H_t$=57 ft.; $H_r$=49 ft.; $H_a$=79 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.60 | 0.47 | 9.3 | 7.1 | 6.2 | w. | 20 | sw. | 0 | 6 | 7 | 18 | 14 | 7 | 19 | 8 | 0 | 20 | 4 | 1 | 1 | 13 | 0 | 0 | 30 | 5 | 0 |
| February | 2.07 | 1.18 | 14.9 | 8.4 | 7.7 | w. | 20 | w. | 0 | 2 | 4 | 22 | 21 | 8 | 25 | 18 | 0 | 12 | 0 | 0 | 0 | 19 | 0 | 0 | 27 | 1 | 0 |
| March | 3.32 | .82 | 11.0 | 8.0 | 6.9 | w. | 28 | sw. | 0 | 3 | 7 | 21 | 19 | 12 | 18 | 12 | 0 | 15 | 5 | 2 | 1 | 0 | 0 | 0 | 22 | 0 | 2 |
| April | 1.70 | .61 | 4.7 | 6.7 | 6.6 | w. | 20 | sw. | 0 | 5 | 12 | 13 | 12 | 8 | 6 | 5 | 0 | 10 | 3 | 2 | 1 | 0 | 0 | 0 | 5 | 0 | 2 |
| May | 3.33 | 1.37 | .0 | 8.0 | 5.8 | se. | 19 | se. | 0 | 1 | 9 | 21 | 14 | 10 | 0 | 0 | 0 | 18 | 11 | 5 | 4 | 0 | 0 | 0 | 1 | 0 | 8 |
| June | 3.69 | 1.39 | .0 | 6.7 | 5.2 | se. | 20 | w. | 0 | 5 | 11 | 14 | 12 | 11 | 0 | 0 | 0 | 16 | 9 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 6 |
| July | 4.67 | 1.71 | .0 | 6.8 | 5.1 | w. | 21 | ne. | 0 | 3 | 14 | 14 | 13 | 13 | 0 | 0 | 1 | 24 | 17 | 10 | 7 | 0 | 2 | 0 | 0 | 0 | 12 |
| August | 1.09 | .40 | .0 | 6.7 | 4.8 | w. | 18 | w. | 0 | 4 | 15 | 12 | 11 | 8 | 0 | 0 | 0 | 28 | 19 | 15 | 9 | 0 | 2 | 0 | 0 | 0 | 3 |
| September | 4.39 | 1.95 | .0 | 6.5 | 5.4 | w. | 20 | w. | 0 | 8 | 7 | 15 | 12 | 8 | 0 | 0 | 0 | 23 | 10 | 9 | 9 | 0 | 1 | 0 | 1 | 0 | 2 |
| October | 3.06 | 1.19 | .6 | 6.5 | 4.3 | e. | 17 | s. | 0 | 7 | 9 | 15 | 12 | 11 | 1 | 1 | 0 | 23 | 8 | 7 | 5 | 0 | 0 | 0 | 1 | 0 | 1 |
| November | 3.19 | 1.13 | 1.9 | 7.5 | 6.7 | w. | 24 | w. | 0 | 3 | 9 | 18 | 14 | 11 | 8 | 4 | 0 | 17 | 3 | 3 | 2 | 1 | 0 | 0 | 17 | 0 | 0 |
| December | 6.09 | 2.07 | 11.3 | 8.0 | 7.3 | w. | 38 | n. | 1 | 2 | 10 | 19 | 14 | 13 | 20 | 9 | 0 | 3 | 0 | 0 | 0 | 14 | 0 | 0 | 27 | 3 | 0 |
| Year | 38.20 | 2.07 | 53.7 | 7.2 | 6.1 | w. | 38 | n. | 1 | 49 | 114 | 202 | 168 | 120 | 97 | 57 | 1 | 209 | 89 | 59 | 42 | 47 | 5 | 0 | 131 | 9 | 36 |

BIRMINGHAM, ALA.

Airport [$H$=610 ft.; $H_b$=630 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=55 ft.] City [$H$=694 ft.; $H_b$=700 ft.; $H_t$=11 ft.; $H_r$=3 ft.; $H_a$=48 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.89 | 0.85 | T | 4.4 | 7.7 | n. | 30 | se. | 0 | 16 | 5 | 10 | 7 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 13 | 0 | 0 |
| February | 3.62 | 2.13 | T | 6.5 | 8.6 | n. | 30 | s. | 0 | 8 | 4 | 16 | 8 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 2 |
| March | 5.85 | 2.34 | 2.5 | 5.5 | 9.5 | s. | 30 | se. | 0 | 12 | 4 | 15 | 11 | 11 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 4 |
| April | 1.03 | .99 | .0 | 4.2 | 6.8 | s. | 23 | se. | 0 | 17 | 3 | 10 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| May | 3.95 | 1.60 | .0 | 4.9 | 6.2 | s. | 16 | se. | 0 | 11 | 11 | 9 | 5 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 |
| June | 4.68 | 1.97 | .0 | 5.5 | 6.1 | s. | 22 | s. | 0 | 7 | 15 | 8 | 13 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 15 |
| July | 2.15 | .45 | .0 | 5.8 | 5.2 | sw. | 19 | nw. | 0 | 4 | 19 | 8 | 17 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 6 | 0 | 0 | 19 |
| August | 2.08 | 1.31 | .0 | 5.8 | 6.0 | s. | 16 | se. | 0 | 7 | 14 | 10 | 11 | 8 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 13 |
| September | 4.84 | 2.37 | .0 | 5.1 | 5.7 | n. | 17 | s. | 0 | 11 | 10 | 9 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 4 |
| October | 1.40 | .33 | .0 | 4.1 | 6.2 | n. | 24 | se. | 0 | 16 | 5 | 10 | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | 1.57 | 1.02 | .0 | 3.5 | 7.5 | s. | 20 | se. | 0 | 16 | 9 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| December | 11.03 | 7.76 | .0 | 6.4 | 8.3 | n. | 34 | se. | 1 | 9 | 5 | 17 | 13 | 10 | 0 | 0 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 9 | 0 | 4 |
| Year | 44.09 | 7.76 | 2.5 | 5.1 | 7.0 | s. | 34 | se. | 1 | 134 | 104 | 127 | 111 | 89 | 6 | 1 | 0 | 8 | 2 | 0 | 4 | 2 | 49 | 7 | 38 | 0 | 69 |

BISMARCK, N. DAK.

Airport [$H$=1,650 ft.; $H_b$=1,660 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=41 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.04 | 0.02 | 0.7 | 4.4 | 10.5 | nw. | 43 | nw. | 2 | 14 | 10 | 7 | 2 | 0 | 8 | 2 | 0 | 3 | 1 | 0 | 0 | 12 | 0 | 0 | 31 | 10 | 0 |
| February | .30 | .08 | 6.0 | 8.2 | 9.4 | nw. | 34 | e. | 2 | 1 | 8 | 19 | 11 | 2 | 23 | 11 | 0 | 6 | 2 | 0 | 0 | 22 | 0 | 0 | 28 | 7 | 0 |
| March | 1.18 | .51 | 11.3 | 7.5 | 13.9 | nw. | 49 | nw. | 4 | 6 | 6 | 19 | 9 | 6 | 17 | 6 | 0 | 3 | 1 | 0 | 0 | 7 | 0 | 0 | 31 | 0 | 0 |
| April | 2.58 | .75 | 9.0 | 5.7 | 13.1 | se. | 36 | se. | 5 | 8 | 12 | 10 | 9 | 7 | 4 | 3 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 12 | 0 | 2 |
| May | 3.04 | 1.15 | 3.3 | 6.9 | 13.5 | ne. | 37 | n. | 3 | 7 | 8 | 16 | 15 | 14 | 3 | 1 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 4 |
| June | 2.21 | .43 | .0 | 5.6 | 12.9 | nw. | 40 | w. | 6 | 9 | 12 | 9 | 14 | 12 | 0 | 0 | 0 | 7 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| July | 4.17 | 1.23 | .0 | 5.0 | 8.5 | nw. | 54 | nw. | 2 | 12 | 12 | 7 | 13 | 12 | 0 | 0 | 3 | 8 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 14 |
| August | 1.17 | .42 | .0 | 4.6 | 9.4 | nw. | 34 | nw. | 2 | 15 | 7 | 9 | 10 | 6 | 0 | 0 | 0 | 13 | 3 | 2 | 1 | 0 | 3 | 1 | 0 | 0 | 8 |
| September | 2.08 | .85 | 4.1 | 5.1 | 10.1 | se. | 34 | nw. | 4 | 13 | 6 | 11 | 11 | 5 | 3 | 1 | 0 | 5 | 1 | 2 | 2 | 0 | 4 | 1 | 6 | 0 | 5 |
| October | .71 | .30 | 1.5 | 5.0 | 9.9 | nw. | 42 | nw. | 2 | 13 | 7 | 11 | 5 | 4 | 6 | 2 | 0 | 3 | 1 | 0 | 1 | 5 | 0 | 0 | 10 | 0 | 0 |
| November | .08 | .06 | .7 | 5.9 | 9.3 | nw. | 31 | nw. | 0 | 7 | 11 | 12 | 3 | 1 | 10 | 2 | 0 | 3 | 1 | 0 | 0 | 9 | 0 | 0 | 29 | 0 | 0 |
| December | .48 | .16 | 7.0 | 7.4 | 9.1 | e. | 40 | nw. | 1 | 6 | 4 | 21 | 7 | 4 | 22 | 7 | 0 | 10 | 2 | 3 | 0 | 23 | 0 | 0 | 31 | 10 | 0 |
| Year | 18.04 | 1.23 | 43.6 | 5.9 | 10.8 | nw. | 54 | nw. | 33 | 111 | 103 | 151 | 109 | 73 | 96 | 35 | 4 | 68 | 15 | 8 | 8 | 80 | 9 | 2 | 183 | 27 | 37 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

BLOCK ISLAND, R. I.
[$\phi$=41°10′ N.; $\lambda$=71°36′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 30.00 | 30.03 | 30.51 | 29.26 | 29.9 | 29.1 | 32.8 | 31.7 | 27.5 | 26.7 | 29.4 | 28.9 | 37.5 | 23.4 | 30.4 | 55 | 8 | 23 | 21 | 22 | 22 | 22 | 72 | 70 | 64 | 67 | 68 |
| February | 29.75 | 29.78 | 30.39 | 29.21 | 27.1 | 26.2 | 31.5 | 29.7 | 24.6 | 23.8 | 27.6 | 26.7 | 34.7 | 21.9 | 28.3 | 49 | 7 | 18 | 17 | 19 | 20 | 18 | 66 | 68 | 58 | 65 | 64 |
| March | 29.84 | 29.86 | 30.34 | 28.93 | 38.4 | 37.6 | 42.4 | 39.7 | 36.0 | 35.2 | 38.5 | 37.0 | 45.3 | 34.4 | 39.8 | 54 | 31 | 32 | 32 | 33 | 33 | 33 | 79 | 78 | 70 | 78 | 77 |
| April | 29.98 | 30.01 | 30.37 | 29.50 | 42.6 | 43.9 | 49.1 | 44.6 | 40.0 | 40.6 | 43.4 | 41.5 | 52.0 | 38.8 | 45.4 | 75 | 32 | 37 | 37 | 37 | 38 | 37 | 81 | 77 | 66 | 78 | 75 |
| May | 30.03 | 30.06 | 30.30 | 29.74 | 53.7 | 54.4 | 59.3 | 54.7 | 51.9 | 52.4 | 54.5 | 52.6 | 62.0 | 49.5 | 55.8 | 74 | 42 | 50 | 50 | 50 | 51 | 50 | 89 | 88 | 75 | 88 | 85 |
| June | 29.94 | 29.97 | 30.28 | 29.55 | 60.6 | 62.8 | 67.8 | 63.2 | 59.1 | 60.0 | 62.2 | 61.0 | 70.2 | 57.6 | 63.9 | 79 | 51 | 58 | 58 | 58 | 60 | 58 | 92 | 86 | 74 | 88 | 85 |
| July | 29.95 | 29.98 | 30.29 | 29.63 | 66.6 | 67.9 | 72.7 | 68.5 | 64.7 | 65.0 | 67.2 | 65.7 | 75.4 | 63.1 | 69.2 | 85 | 58 | 64 | 63 | 64 | 64 | 64 | 90 | 86 | 76 | 87 | 85 |
| August | 30.02 | 30.05 | 30.39 | 29.70 | 66.3 | 67.0 | 72.2 | 67.7 | 63.6 | 63.7 | 66.0 | 64.5 | 74.5 | 62.8 | 68.6 | 81 | 54 | 62 | 61 | 62 | 62 | 62 | 86 | 83 | 72 | 84 | 81 |
| September | 30.02 | 30.05 | 30.48 | 29.70 | 61.7 | 61.8 | 66.6 | 62.7 | 59.8 | 59.3 | 61.2 | 60.1 | 68.6 | 58.0 | 63.3 | 82 | 43 | 58 | 57 | 57 | 58 | 58 | 89 | 86 | 74 | 86 | 84 |
| October | 30.05 | 30.08 | 30.59 | 29.42 | 55.5 | 54.3 | 59.0 | 56.1 | 52.3 | 51.2 | 53.6 | 52.7 | 60.9 | 51.2 | 56.0 | 67 | 40 | 49 | 48 | 49 | 50 | 49 | 81 | 81 | 70 | 80 | 78 |
| November | 30.00 | 30.03 | 30.56 | 29.24 | 45.7 | 44.9 | 47.7 | 46.1 | 42.4 | 41.7 | 43.0 | 42.1 | 51.8 | 39.7 | 45.8 | 65 | 25 | 38 | 37 | 36 | 36 | 37 | 74 | 74 | 67 | 69 | 71 |
| December | 29.98 | 30.01 | 30.82 | 28.65 | 31.5 | 30.9 | 33.3 | 32.7 | 29.1 | 28.9 | 30.1 | 29.9 | 38.0 | 25.4 | 31.7 | 58 | −4 | 24 | 25 | 24 | 24 | 24 | 72 | 78 | 68 | 70 | 72 |
| Year | 29.96 | 29.99 | 30.82 | 28.65 | 48.3 | 48.4 | 52.9 | 49.8 | 45.9 | 45.7 | 48.1 | 46.9 | 55.9 | 43.4 | 49.8 | 85 | −4 | 43 | 42 | 43 | 43 | 43 | 81 | 80 | 70 | 78 | 77 |

BOISE, IDAHO
(Airport [$\phi$=43°34′ N.; $\lambda$=116°13′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 27.43 | 30.40 | 27.80 | 26.96 | 19.6 | 18.1 | 22.3 | 25.0 | 18.8 | 17.5 | 21.0 | 23.4 | 28.6 | 12.8 | 20.7 | 48 | −13 | 17 | 16 | 18 | 20 | 18 | 88 | 90 | 84 | 82 | 86 |
| February | 27.18 | 30.09 | 27.53 | 26.76 | 29.9 | 27.3 | 32.0 | 37.1 | 28.0 | 26.0 | 29.5 | 32.9 | 39.3 | 23.8 | 31.6 | 50 | 8 | 25 | 24 | 25 | 27 | 25 | 81 | 86 | 75 | 66 | 77 |
| March | 27.21 | 30.09 | 27.55 | 26.72 | 36.1 | 31.9 | 43.7 | 49.2 | 33.1 | 29.8 | 37.6 | 39.8 | 51.2 | 29.3 | 40.2 | 70 | 19 | 29 | 26 | 30 | 28 | 28 | 76 | 80 | 60 | 46 | 66 |
| April | 27.04 | 29.87 | 27.42 | 26.60 | 47.7 | 43.0 | 55.8 | 61.2 | 42.2 | 38.9 | 45.8 | 47.9 | 63.6 | 40.0 | 51.8 | 84 | 25 | 37 | 34 | 36 | 34 | 35 | 67 | 73 | 49 | 39 | 57 |
| May | 27.10 | 29.93 | 27.46 | 26.76 | 49.3 | 44.2 | 56.9 | 60.4 | 45.0 | 41.8 | 48.5 | 49.5 | 64.2 | 41.8 | 53.0 | 90 | 30 | 41 | 39 | 41 | 39 | 40 | 74 | 83 | 58 | 50 | 66 |
| June | 27.11 | 29.92 | 27.44 | 26.82 | 56.5 | 49.6 | 64.5 | 72.6 | 50.0 | 46.3 | 53.3 | 54.9 | 73.6 | 47.9 | 60.8 | 92 | 39 | 44 | 43 | 45 | 40 | 43 | 66 | 80 | 51 | 33 | 58 |
| July | 27.13 | 29.90 | 27.36 | 26.84 | 71.8 | 61.5 | 81.2 | 90.9 | 55.1 | 51.6 | 60.8 | 62.2 | 91.9 | 59.5 | 75.7 | 104 | 45 | 42 | 43 | 47 | 42 | 44 | 35 | 53 | 32 | 19 | 35 |
| August | 27.08 | 29.85 | 27.27 | 26.87 | 68.2 | 60.0 | 79.2 | 87.7 | 53.0 | 49.4 | 58.6 | 60.5 | 89.0 | 56.8 | 72.9 | 102 | 41 | 40 | 40 | 44 | 41 | 42 | 39 | 50 | 32 | 22 | 36 |
| September | 27.13 | 29.93 | 27.53 | 26.83 | 58.3 | 51.1 | 68.8 | 77.2 | 46.9 | 43.4 | 52.9 | 56.0 | 78.7 | 47.7 | 63.2 | 95 | 34 | 36 | 35 | 40 | 40 | 38 | 45 | 57 | 36 | 26 | 41 |
| October | 27.23 | 30.07 | 27.52 | 26.94 | 48.9 | 44.2 | 57.1 | 62.9 | 42.4 | 39.3 | 47.5 | 50.3 | 66.0 | 39.1 | 52.6 | 87 | 21 | 36 | 34 | 39 | 40 | 37 | 63 | 70 | 53 | 46 | 58 |
| November | 27.19 | 30.07 | 27.69 | 26.49 | 38.3 | 36.6 | 42.0 | 43.1 | 35.6 | 34.3 | 38.0 | 38.7 | 48.5 | 30.8 | 39.6 | 64 | 23 | 32 | 32 | 33 | 34 | 33 | 80 | 82 | 71 | 70 | 76 |
| December | 27.26 | 30.17 | 27.68 | 26.69 | 33.4 | 31.6 | 34.4 | 35.6 | 31.9 | 30.7 | 32.7 | 33.7 | 38.8 | 28.1 | 33.4 | 48 | 17 | 30 | 29 | 30 | 31 | 30 | 86 | 91 | 84 | 83 | 86 |
| Year | 27.18 | 30.02 | 27.80 | 26.49 | 46.5 | 41.6 | 53.2 | 58.6 | 40.2 | 37.4 | 43.8 | 45.8 | 61.1 | 38.1 | 49.6 | 104 | −13 | 34 | 33 | 36 | 35 | 34 | 67 | 75 | 57 | 48 | 62 |

BOSTON, MASS.
Airport [$\phi$=42°22′ N.; $\lambda$=71°02′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.88 | 30.02 | 30.35 | 29.12 | 26.9 | 25.0 | 32.5 | 29.7 | 24.0 | 22.7 | 27.8 | 26.0 | 36.4 | 20.7 | 28.6 | 60 | 1 | 17 | 16 | 17 | 17 | 17 | 65 | 68 | 53 | 57 | 61 |
| February | 29.62 | 29.76 | 30.27 | 29.05 | 24.3 | 23.0 | 32.4 | 28.8 | 21.5 | 20.7 | 27.6 | 24.9 | 34.3 | 19.8 | 27.0 | 48 | 1 | 13 | 14 | 16 | 15 | 14 | 61 | 65 | 50 | 54 | 58 |
| March | 29.72 | 29.85 | 30.28 | 28.82 | 37.7 | 37.4 | 44.4 | 40.5 | 34.5 | 34.2 | 38.3 | 36.0 | 47.3 | 34.3 | 40.8 | 65 | 30 | 30 | 29 | 29 | 29 | 29 | 72 | 72 | 58 | 65 | 67 |
| April | 29.86 | 29.99 | 30.23 | 29.35 | 45.2 | 46.0 | 54.2 | 49.8 | 40.7 | 40.6 | 45.0 | 43.4 | 58.5 | 40.9 | 49.7 | 86 | 32 | 35 | 34 | 35 | 36 | 35 | 70 | 65 | 51 | 62 | 62 |
| May | 29.92 | 30.04 | 30.19 | 29.66 | 55.6 | 57.4 | 66.0 | 60.5 | 52.2 | 53.0 | 56.4 | 54.5 | 69.5 | 52.0 | 60.8 | 88 | 44 | 49 | 49 | 49 | 50 | 49 | 80 | 76 | 58 | 70 | 71 |
| June | 29.81 | 29.94 | 30.19 | 29.44 | 62.6 | 65.2 | 71.6 | 67.9 | 58.7 | 60.0 | 62.3 | 61.0 | 75.4 | 59.4 | 67.4 | 91 | 48 | 56 | 57 | 56 | 56 | 56 | 80 | 75 | 61 | 69 | 71 |
| July | 29.83 | 29.96 | 30.20 | 29.50 | 66.5 | 69.1 | 76.5 | 70.7 | 62.6 | 63.8 | 66.1 | 64.6 | 78.8 | 63.4 | 71.1 | 93 | 58 | 60 | 60 | 60 | 61 | 60 | 81 | 76 | 60 | 74 | 72 |
| August | 29.90 | 30.03 | 30.32 | 29.54 | 66.6 | 67.6 | 76.6 | 71.0 | 62.0 | 61.7 | 64.7 | 63.5 | 78.4 | 63.0 | 70.7 | 92 | 50 | 59 | 58 | 58 | 59 | 58 | 77 | 72 | 54 | 67 | 68 |
| September | 29.92 | 30.05 | 30.39 | 29.54 | 60.9 | 61.0 | 69.9 | 65.2 | 57.0 | 56.8 | 60.7 | 59.7 | 72.2 | 56.9 | 64.6 | 91 | 39 | 54 | 54 | 54 | 56 | 54 | 79 | 77 | 60 | 73 | 72 |
| October | 29.94 | 30.07 | 30.54 | 29.24 | 52.1 | 50.5 | 61.5 | 56.2 | 48.4 | 47.4 | 51.9 | 50.9 | 63.5 | 48.1 | 55.8 | 82 | 36 | 45 | 44 | 43 | 46 | 44 | 77 | 79 | 52 | 70 | 69 |
| November | 29.88 | 30.02 | 30.46 | 29.19 | 41.2 | 39.8 | 48.1 | 43.7 | 37.4 | 36.8 | 41.3 | 39.1 | 51.0 | 36.0 | 43.5 | 71 | 20 | 32 | 32 | 32 | 32 | 32 | 68 | 73 | 56 | 64 | 66 |
| December | 29.85 | 29.99 | 30.76 | 28.35 | 27.3 | 26.7 | 32.0 | 29.7 | 24.7 | 24.3 | 27.7 | 26.2 | 35.4 | 21.7 | 28.6 | 59 | −11 | 19 | 19 | 18 | 19 | 19 | 68 | 72 | 56 | 61 | 64 |
| Year | 29.84 | 29.98 | 30.76 | 28.35 | 47.2 | 47.4 | 55.5 | 51.1 | 43.6 | 43.5 | 47.5 | 45.8 | 58.4 | 43.0 | 50.7 | 93 | −11 | 39 | 39 | 39 | 40 | 39 | 73 | 72 | 56 | 66 | 67 |

BROWNSVILLE, TEX.
Airport [$\phi$=25°05′ N.; $\lambda$=97°30′ W.] City [$\phi$=25°05′ N.; $\lambda$=97°28′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.11 | 30.17 | 30.63 | 29.64 | 54.0 | 51.2 | 62.7 | 59.0 | 52.1 | 49.8 | 55.2 | 54.2 | 65.2 | 50.0 | 57.6 | 81 | 33 | 50 | 48 | 50 | 50 | 50 | 89 | 91 | 66 | 76 | 80 |
| February | 29.90 | 29.96 | 30.26 | 29.44 | 57.6 | 56.7 | 64.4 | 62.0 | 55.4 | 55.0 | 58.4 | 57.5 | 67.6 | 53.1 | 60.4 | 82 | 34 | 54 | 54 | 54 | 54 | 54 | 88 | 90 | 72 | 77 | 82 |
| March | 29.85 | 29.91 | 30.31 | 29.40 | 61.6 | 59.9 | 72.2 | 68.3 | 58.3 | 56.8 | 61.7 | 60.7 | 73.6 | 57.7 | 66.6 | 83 | 42 | 55 | 54 | 54 | 55 | 55 | 82 | 83 | 55 | 64 | 71 |
| April | 29.84 | 29.90 | 30.26 | 29.38 | 69.5 | 67.9 | 79.0 | 74.5 | 66.8 | 65.5 | 69.3 | 68.4 | 81.3 | 66.0 | 73.6 | 95 | 49 | 65 | 64 | 64 | 65 | 65 | 87 | 88 | 62 | 74 | 77 |
| May | 29.83 | 29.88 | 30.04 | 29.52 | 74.9 | 73.7 | 84.6 | 80.4 | 72.3 | 71.5 | 74.2 | 73.7 | 86.3 | 71.9 | 79.1 | 91 | 63 | 71 | 71 | 70 | 71 | 71 | 88 | 90 | 62 | 73 | 78 |
| June | 29.77 | 29.83 | 30.04 | 29.74 | 78.9 | 76.7 | 88.1 | 84.8 | 75.9 | 74.5 | 76.9 | 76.8 | 91.2 | 75.2 | 83.2 | 101 | 66 | 75 | 74 | 73 | 74 | 74 | 88 | 90 | 62 | 70 | 78 |
| July | 29.94 | 29.99 | 30.09 | 29.80 | 79.2 | 76.6 | 88.5 | 86.1 | 76.4 | 74.9 | 77.6 | 77.2 | 91.9 | 75.7 | 83.8 | 97 | 70 | 75 | 74 | 73 | 74 | 74 | 88 | 93 | 62 | 67 | 77 |
| August | 29.84 | 29.90 | 30.01 | 29.52 | 78.9 | 76.4 | 89.3 | 85.8 | 75.7 | 74.4 | 77.5 | 76.6 | 91.8 | 75.5 | 83.6 | 95 | 73 | 75 | 74 | 73 | 73 | 74 | 88 | 91 | 60 | 66 | 76 |
| September | 29.87 | 29.93 | 30.15 | 29.63 | 75.3 | 72.7 | 86.4 | 81.2 | 71.8 | 70.1 | 74.6 | 73.6 | 88.3 | 71.4 | 79.8 | 95 | 55 | 70 | 68 | 69 | 70 | 69 | 84 | 88 | 58 | 70 | 75 |
| October | 29.87 | 29.93 | 30.12 | 29.62 | 72.3 | 70.7 | 84.1 | 78.4 | 69.8 | 68.5 | 72.8 | 71.9 | 86.2 | 68.7 | 77.4 | 91 | 62 | 69 | 68 | 68 | 69 | 68 | 89 | 91 | 59 | 73 | 78 |
| November | 29.95 | 30.01 | 30.42 | 29.56 | 65.4 | 63.9 | 76.8 | 71.6 | 62.0 | 61.2 | 66.5 | 65.2 | 79.5 | 59.9 | 69.7 | 87 | 42 | 60 | 59 | 61 | 61 | 60 | 82 | 85 | 58 | 70 | 74 |
| December | 29.96 | 30.02 | 30.27 | 29.43 | 60.1 | 58.6 | 73.7 | 67.8 | 58.0 | 57.0 | 64.0 | 62.1 | 76.3 | 53.6 | 65.0 | 88 | 31 | 56 | 56 | 58 | 58 | 57 | 88 | 90 | 59 | 72 | 77 |
| Year | 29.89 | 29.95 | 30.63 | 29.38 | 69.0 | 67.1 | 79.2 | 75.0 | 66.2 | 64.9 | 69.1 | 68.2 | 81.6 | 64.9 | 73.2 | 101 | 31 | 65 | 64 | 64 | 64 | 64 | 87 | 89 | 61 | 71 | 77 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Boise, Idaho, 2,739 feet; Boston, Mass., 124 feet; Brownsville, Tex., 57 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

BLOCK ISLAND, R. I.

[$H$=35 ft.; $H_b$=26 ft.; $H_t$=11 ft.; $H_r$=3 ft.; $H_a$=46 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 4.03 | 0.98 | 7.9 | 4.4 | 19.1 | w. | 47 | nw. | 13 | 16 | 4 | 11 | 11 | 11 | 9 | 5 | 0 | 6 | 0 | 2 | 0 | 7 | 0 | 0 | 25 | 0 | 0 |
| February | 2.52 | 1.08 | 2.2 | 4.1 | 21.6 | nw. | 52 | nw. | 16 | 13 | 8 | 7 | 6 | 4 | 6 | 2 | 0 | 6 | 2 | 2 | 2 | 9 | 0 | 0 | 25 | 0 | 0 |
| March | 6.20 | 1.27 | T | 5.1 | 18.3 | w. | 56 | se. | 13 | 10 | 13 | 8 | 14 | 13 | 2 | 1 | 0 | 10 | 2 | 1 | 3 | 0 | 0 | 0 | 4 | 0 | 0 |
| April | .85 | .70 | 2.0 | 4.6 | 14.6 | sw. | 38 | e. | 3 | 11 | 10 | 9 | 7 | 3 | 2 | 2 | 0 | 10 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 |
| May | 1.73 | .77 | .0 | 4.6 | 12.6 | sw. | 30 | sw. | 0 | 11 | 14 | 6 | 7 | 5 | 0 | 0 | 0 | 21 | 9 | 9 | 13 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | 1.64 | .36 | .0 | 4.4 | 11.7 | sw. | 25 | w. | 0 | 12 | 11 | 7 | 12 | 10 | 0 | 0 | 0 | 15 | 4 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | 2.73 | 1.04 | .0 | 3.7 | 12.5 | sw. | 34 | e. | 1 | 19 | 5 | 7 | 7 | 7 | 0 | 0 | 0 | 17 | 4 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 2 |
| August | 5.70 | 2.56 | .0 | 3.8 | 11.7 | sw. | 30 | ne. | 0 | 17 | 8 | 6 | 8 | 7 | 0 | 0 | 0 | 17 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| September | 1.85 | .77 | .0 | 4.0 | 12.9 | sw. | 34 | ne. | 2 | 16 | 6 | 8 | 7 | 6 | 0 | 0 | 0 | 18 | 7 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 3.60 | 1.42 | .0 | 4.4 | 15.0 | e. | 38 | n. | 3 | 14 | 9 | 8 | 9 | 8 | 0 | 0 | 0 | 13 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | 4.46 | 1.44 | T | 5.1 | 18.3 | nw. | 47 | nw. | 13 | 13 | 6 | 11 | 15 | 10 | 1 | 0 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 2 |
| December | 5.36 | 1.38 | 10.8 | 5.4 | 21.2 | w. | 57 | w. | 18 | 13 | 4 | 14 | 12 | 12 | 8 | 6 | 0 | 11 | 1 | 1 | 0 | 5 | 0 | 0 | 20 | 1 | 0 |
| Year | 40.67 | 2.56 | 22.9 | 4.5 | 15.8 | w. | 57 | w. | 82 | 165 | 98 | 102 | 115 | 96 | 28 | 16 | 0 | 151 | 35 | 30 | 43 | 21 | 0 | 0 | 80 | 1 | 17 |

BOISE, IDAHO

Airport [$H$=2,842 ft.; $H_b$=2,858 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=49 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.98 | 0.38 | 11.5 | 7.6 | 7.9 | se. | 31 | se. | 0 | 5 | 4 | 22 | 12 | 7 | 13 | 5 | 0 | 13 | 7 | 6 | 7 | 21 | 0 | 0 | 28 | 5 | 0 |
| February | 1.41 | .36 | 5.0 | 6.3 | 10.0 | se. | 30 | se. | 0 | 7 | 8 | 13 | 12 | 9 | 14 | 6 | 1 | 6 | 2 | 1 | 1 | 4 | 0 | 0 | 23 | 0 | 2 |
| March | .52 | .20 | 3.5 | 5.4 | 10.9 | se. | 34 | se. | 2 | 11 | 10 | 10 | 6 | 5 | 2 | 2 | 0 | 5 | 2 | 1 | 3 | 0 | 0 | 0 | 22 | 0 | 1 |
| April | 1.28 | .47 | T | 6.4 | 12.0 | se. | 46 | w. | 8 | 6 | 12 | 12 | 11 | 8 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| May | 4.00 | 1.51 | .0 | 7.4 | 10.4 | nw. | 47 | s. | 4 | 3 | 10 | 18 | 16 | 14 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 5 |
| June | .62 | .41 | .0 | 4.1 | 9.0 | nw. | 31 | nw. | 0 | 8 | 20 | 2 | 6 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| July | T | T | .0 | 1.9 | 9.0 | nw. | 31 | se. | 0 | 26 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 9 | 0 | 0 | 0 |
| August | .02 | .01 | .0 | 1.6 | 9.3 | nw. | 38 | nw. | 2 | 27 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 10 | 0 | 0 | 2 |
| September | .01 | .01 | .0 | 2.8 | 8.7 | nw. | 31 | sw. | 0 | 21 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 2 |
| October | .58 | .38 | T | 3.5 | 9.0 | se. | 28 | se. | 0 | 19 | 3 | 9 | 4 | 3 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 |
| November | 2.31 | .55 | .5 | 7.4 | 10.6 | se. | 47 | nw. | 4 | 4 | 7 | 19 | 16 | 13 | 6 | 3 | 1 | 4 | 1 | 2 | 2 | 0 | 0 | 0 | 20 | 0 | 1 |
| December | 2.75 | .55 | 1.0 | 8.6 | 10.7 | se. | 34 | nw. | 2 | 2 | 3 | 26 | 14 | 10 | 14 | 6 | 0 | 15 | 8 | 5 | 9 | 3 | 0 | 0 | 21 | 0 | 0 |
| Year | 14.48 | 1.51 | 21.5 | 5.2 | 9.8 | se. | 47 | nw. | 22 | 139 | 89 | 137 | 100 | 72 | 51 | 22 | 4 | 47 | 20 | 16 | 22 | 28 | 44 | 20 | 130 | 5 | 17 |

BOSTON, MASS.

Airport [$H$=12 ft.; $H_b$=29 ft.; $H_t$=33 ft.; $H_r$=3 ft.; $H_a$=62 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.69 | 1.81 | 8.2 | 5.6 | 12.5 | sw. | 35 | s. | 2 | 11 | 9 | 11 | 7 | 6 | 9 | 3 | 0 | 5 | 2 | 2 | 0 | 9 | 0 | 0 | 26 | 0 | 0 |
| February | 3.45 | 1.42 | 6.2 | 5.2 | 14.6 | nw. | 33 | nw. | 3 | 9 | 10 | 9 | 7 | 6 | 9 | 4 | 0 | 5 | 4 | 2 | 0 | 10 | 0 | 0 | 27 | 0 | 0 |
| March | 7.01 | 1.62 | 7.9 | 6.8 | 13.1 | w. | 47 | ne. | 3 | 4 | 12 | 15 | 12 | 11 | 6 | 4 | 0 | 8 | 4 | 2 | 1 | 0 | 0 | 0 | 4 | 0 | 1 |
| April | 1.59 | .77 | 1.5 | 6.0 | 11.7 | sw. | 31 | ne. | 0 | 7 | 13 | 10 | 11 | 9 | 3 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 2.11 | .89 | .0 | 7.2 | 9.6 | sw. | 29 | sw. | 0 | 4 | 11 | 16 | 10 | 10 | 0 | 0 | 0 | 16 | 8 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 2 |
| June | 4.24 | 1.81 | .0 | 6.7 | 9.4 | sw. | 29 | nw. | 0 | 3 | 14 | 13 | 16 | 12 | 0 | 0 | 0 | 14 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| July | 4.14 | 1.52 | .0 | 6.8 | 9.0 | sw. | 30 | nw. | 0 | 5 | 12 | 14 | 12 | 12 | 0 | 0 | 0 | 16 | 7 | 7 | 4 | 0 | 2 | 0 | 0 | 0 | 3 |
| August | 2.09 | 1.07 | .0 | 5.7 | 9.5 | sw. | 25 | se. | 0 | 8 | 11 | 12 | 7 | 4 | 0 | 0 | 0 | 8 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 1 |
| September | 1.96 | 1.12 | .0 | 5.4 | 10.0 | sw. | 40 | s. | 1 | 11 | 9 | 10 | 11 | 4 | 0 | 0 | 0 | 12 | 4 | 4 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| October | 2.78 | 1.12 | .0 | 5.6 | 10.2 | sw. | 33 | ne. | 1 | 8 | 13 | 10 | 10 | 6 | 0 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 4.69 | 1.00 | T | 6.4 | 11.9 | nw. | 44 | sw. | 2 | 9 | 7 | 14 | 11 | 10 | 6 | 0 | 0 | 13 | 1 | 1 | 0 | 1 | 0 | 0 | 8 | 0 | 0 |
| December | 4.72 | 1.74 | 6.8 | 6.3 | 13.5 | w. | 47 | se. | 3 | 8 | 9 | 14 | 11 | 10 | 10 | 4 | 0 | 3 | 1 | 1 | 0 | 8 | 0 | 0 | 24 | 4 | 1 |
| Year | 42.47 | 1.81 | 30.6 | 6.1 | 11.2 | sw. | 47 | ne. | 15 | 87 | 130 | 148 | 125 | 100 | 43 | 17 | 1 | 107 | 36 | 30 | 14 | 28 | 6 | 0 | 89 | 4 | 15 |

BROWNSVILLE, TEX.

Airport [$H$=16 ft.; $H_b$=20 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=33 ft.] [City [H=35 ft.; $H_b$=57 ft.; $H_t$=88 ft.; $H_r$=80 ft.; $H_a$=96 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.60 | 0.40 | 0.0 | 6.0 | 11.0 | n. | 30 | nw. | 0 | 9 | 8 | 14 | 7 | 3 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 1.26 | .33 | .0 | 8.4 | 11.7 | n. | 29 | n. | 0 | 0 | 8 | 20 | 12 | 9 | 0 | 0 | 0 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | .33 | .18 | .0 | 5.9 | 12.7 | se. | 38 | n. | 2 | 8 | 8 | 15 | 2 | 2 | 0 | 0 | 0 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | .10 | .05 | .0 | 7.5 | 14.0 | se. | 42 | se. | 3 | 2 | 10 | 18 | 4 | 1 | 0 | 0 | 0 | 8 | 2 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 3 |
| May | 1.67 | 1.67 | .0 | 6.9 | 12.6 | se. | 27 | se. | 0 | 4 | 13 | 14 | 2 | 1 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 2 |
| June | 13.06 | 8.18 | .0 | 5.9 | 11.3 | se. | 27 | se. | 0 | 7 | 14 | 9 | 11 | 11 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 17 | 5 | 0 | 0 | 8 |
| July | .62 | .28 | .0 | 6.2 | 8.7 | se. | 25 | se. | 0 | 2 | 21 | 8 | 9 | 4 | 0 | 0 | 0 | 4 | 1 | 1 | 0 | 0 | 25 | 1 | 0 | 0 | 10 |
| August | 2.64 | 1.10 | .0 | 6.3 | 9.0 | se. | 27 | se. | 0 | 4 | 17 | 10 | 10 | 8 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 26 | 1 | 0 | 0 | 3 |
| September | 2.46 | .94 | .0 | 6.9 | 9.1 | se. | 30 | se. | 0 | 3 | 13 | 14 | 9 | 7 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 16 | 1 | 0 | 0 | 8 |
| October | .61 | .27 | .0 | 6.2 | 8.9 | se. | 27 | s. | 0 | 4 | 15 | 12 | 9 | 3 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 4 |
| November | .86 | .62 | .0 | 6.0 | 9.1 | se. | 26 | n. | 0 | 5 | 13 | 12 | 4 | 3 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | .40 | .30 | .0 | 5.5 | 8.9 | se. | 26 | se. | 0 | 9 | 12 | 10 | 4 | 3 | 0 | 0 | 0 | 14 | 7 | 6 | 7 | 0 | 0 | 0 | 1 | 0 | 0 |
| Year | 24.61 | 8.18 | .0 | 6.5 | 10.6 | se. | 42 | se. | 5 | 57 | 152 | 156 | 83 | 55 | 0 | 0 | 0 | 87 | 14 | 11 | 10 | 0 | 92 | 9 | 1 | 0 | 38 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

BUFFALO, N. Y.

Airport [$\phi$=42° 56′ N.; $\lambda$=78° 44′ W.] City [$\phi$=42° 53′ N.; $\lambda$=78° 53′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 29.16 | 30.02 | 29.65 | 28.35 | 23.3 | 22.1 | 26.9 | 25.4 | 21.8 | 20.4 | 24.3 | 23.7 | 30.1 | 18.4 | 24.2 | 45 | −5 | 18 | 16 | 19 | 20 | 18 | 79 | 75 | 70 | 78 | 76 |
| February | 29.10 | 29.97 | 29.62 | 28.41 | 19.4 | 18.8 | 23.2 | 21.5 | 18.4 | 17.8 | 20.9 | 20.2 | 26.7 | 15.1 | 20.9 | 44 | 1 | 16 | 15 | 16 | 17 | 16 | 84 | 84 | 72 | 81 | 80 |
| March | 29.01 | 29.85 | 29.49 | 27.96 | 33.3 | 33.1 | 38.9 | 35.3 | 31.7 | 31.2 | 35.0 | 33.0 | 42.1 | 30.1 | 36.1 | 62 | 24 | 29 | 28 | 30 | 30 | 29 | 85 | 83 | 71 | 80 | 80 |
| April | 29.21 | 30.05 | 29.53 | 28.73 | 44.0 | 43.2 | 55.5 | 49.0 | 40.1 | 39.7 | 46.1 | 43.3 | 53.8 | 39.8 | 46.8 | 80 | 27 | 36 | 36 | 37 | 37 | 36 | 74 | 76 | 53 | 65 | 67 |
| May | 29.18 | 30.00 | 29.50 | 28.84 | 54.1 | 54.9 | 64.8 | 59.3 | 51.3 | 51.2 | 55.7 | 53.4 | 63.6 | 49.3 | 56.4 | 81 | 35 | 49 | 48 | 49 | 49 | 49 | 84 | 79 | 59 | 70 | 73 |
| June | 29.15 | 29.97 | 29.46 | 28.86 | 60.4 | 63.3 | 74.1 | 70.2 | 57.9 | 59.4 | 63.4 | 62.6 | 72.8 | 58.6 | 65.7 | 88 | 49 | 56 | 57 | 57 | 58 | 57 | 86 | 80 | 57 | 67 | 72 |
| July | 29.17 | 29.98 | 29.43 | 28.89 | 64.7 | 65.9 | 76.2 | 72.7 | 61.0 | 61.9 | 65.2 | 64.5 | 74.1 | 61.9 | 68.0 | 83 | 52 | 59 | 59 | 58 | 59 | 59 | 82 | 80 | 57 | 65 | 71 |
| August | 29.23 | 30.04 | 29.58 | 28.94 | 63.2 | 63.9 | 75.9 | 70.6 | 60.0 | 60.5 | 64.6 | 64.1 | 73.9 | 61.7 | 67.8 | 82 | 51 | 58 | 58 | 58 | 60 | 59 | 84 | 83 | 56 | 70 | 73 |
| September | 29.21 | 30.04 | 29.70 | 28.68 | 57.3 | 56.1 | 68.1 | 62.7 | 54.4 | 53.7 | 58.8 | 57.6 | 69.3 | 54.6 | 62.0 | 82 | 37 | 52 | 52 | 52 | 54 | 52 | 84 | 85 | 59 | 73 | 75 |
| October | 29.19 | 30.02 | 29.69 | 28.59 | 49.5 | 47.6 | 58.8 | 53.1 | 46.2 | 44.8 | 50.4 | 48.3 | 59.8 | 46.5 | 53.2 | 75 | 31 | 43 | 42 | 43 | 44 | 43 | 79 | 82 | 58 | 72 | 73 |
| November | 29.19 | 30.04 | 29.74 | 28.57 | 39.2 | 37.0 | 44.2 | 39.9 | 36.3 | 35.0 | 38.9 | 36.8 | 46.9 | 33.7 | 40.3 | 63 | 19 | 32 | 32 | 32 | 33 | 32 | 77 | 82 | 63 | 75 | 75 |
| December | 29.16 | 30.03 | 29.77 | 28.16 | 24.7 | 24.9 | 27.8 | 24.9 | 23.4 | 23.4 | 25.7 | 23.6 | 30.4 | 20.0 | 25.2 | 46 | −7 | 21 | 20 | 22 | 20 | 21 | 83 | 81 | 77 | 82 | 80 |
| Year | 29.16 | 30.00 | 29.77 | 27.96 | 44.4 | 44.2 | 52.9 | 48.7 | 41.9 | 41.6 | 45.8 | 44.3 | 53.6 | 40.8 | 47.2 | 88 | −7 | 39 | 39 | 39 | 40 | 39 | 82 | 81 | 63 | 73 | 75 |

BURLINGTON, IOWA

Airport [$\phi$=40° 46′ N.; $\lambda$=91° 07′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.33 | 30.12 | 29.89 | 28.52 | 22.8 | 20.5 | 26.5 | 26.2 | 21.2 | 19.3 | 26.1 | 23.7 | 33.3 | 15.7 | 24.5 | 58 | −14 | 17 | 15 | 18 | 18 | 17 | 76 | 78 | 62 | 68 | 71 |
| February | 29.30 | 30.09 | 29.60 | 28.68 | 25.0 | 22.9 | 29.6 | 28.1 | 23.3 | 21.6 | 26.7 | 26.0 | 32.1 | 21.0 | 26.6 | 43 | 2 | 19 | 18 | 21 | 21 | 20 | 77 | 81 | 69 | 74 | 75 |
| March | 29.09 | 29.85 | 29.52 | 28.44 | 37.0 | 35.2 | 45.2 | 43.0 | 34.3 | 32.9 | 38.9 | 37.9 | 49.4 | 32.0 | 40.7 | 75 | 23 | 31 | 30 | 31 | 32 | 31 | 78 | 80 | 59 | 66 | 70 |
| April | 29.27 | 30.03 | 29.65 | 28.81 | 50.5 | 47.3 | 62.8 | 60.8 | 45.7 | 43.2 | 51.6 | 50.9 | 67.4 | 44.7 | 56.0 | 87 | 29 | 41 | 38 | 41 | 42 | 41 | 71 | 72 | 48 | 53 | 61 |
| May | 29.20 | 29.94 | 29.52 | 28.74 | 56.7 | 54.6 | 67.1 | 65.0 | 53.3 | 51.5 | 57.8 | 57.1 | 71.1 | 51.2 | 61.2 | 90 | 35 | 51 | 49 | 51 | 51 | 50 | 81 | 82 | 59 | 63 | 71 |
| June | 29.19 | 29.93 | 29.44 | 28.80 | 66.6 | 66.2 | 77.5 | 75.0 | 63.4 | 63.1 | 67.2 | 66.3 | 81.9 | 62.4 | 72.2 | 96 | 45 | 62 | 62 | 62 | 61 | 62 | 84 | 85 | 60 | 64 | 73 |
| July | 29.24 | 29.98 | 29.43 | 29.03 | 70.4 | 68.4 | 82.6 | 80.7 | 67.2 | 66.1 | 71.3 | 71.6 | 86.5 | 65.8 | 76.2 | 96 | 50 | 66 | 63 | 66 | 67 | 66 | 85 | 89 | 58 | 65 | 74 |
| August | 29.26 | 30.00 | 29.50 | 29.07 | 67.6 | 65.2 | 81.4 | 77.1 | 63.9 | 62.9 | 68.5 | 67.8 | 84.9 | 62.7 | 73.8 | 97 | 50 | 62 | 62 | 62 | 63 | 62 | 82 | 88 | 53 | 63 | 72 |
| September | 29.26 | 30.01 | 29.76 | 29.01 | 59.5 | 56.9 | 70.1 | 65.7 | 56.3 | 54.9 | 61.0 | 59.7 | 74.0 | 54.7 | 64.4 | 92 | 25 | 54 | 53 | 55 | 56 | 54 | 82 | 88 | 61 | 70 | 75 |
| October | 29.24 | 30.00 | 29.60 | 28.57 | 49.9 | 46.3 | 63.0 | 56.1 | 45.9 | 44.0 | 51.6 | 48.6 | 66.8 | 42.4 | 54.6 | 83 | 18 | 42 | 41 | 41 | 41 | 42 | 74 | 83 | 47 | 58 | 66 |
| November | 29.24 | 30.01 | 29.73 | 28.61 | 38.0 | 36.8 | 46.7 | 42.7 | 35.7 | 34.7 | 41.1 | 39.0 | 49.9 | 31.5 | 40.7 | 77 | 14 | 33 | 32 | 34 | 34 | 33 | 81 | 81 | 64 | 73 | 75 |
| December | 29.32 | 30.11 | 29.86 | 28.74 | 21.2 | 21.2 | 27.4 | 24.4 | 20.2 | 20.4 | 25.4 | 23.1 | 30.3 | 15.6 | 23.0 | 44 | −6 | 18 | 18 | 21 | 20 | 20 | 86 | 87 | 76 | 83 | 83 |
| Year | 29.25 | 30.01 | 29.89 | 28.44 | 47.1 | 45.1 | 56.9 | 53.7 | 44.2 | 42.9 | 48.9 | 47.6 | 60.6 | 41.6 | 51.2 | 97 | −14 | 41 | 40 | 42 | 42 | 42 | 80 | 83 | 60 | 67 | 72 |

BURLINGTON, VT.

Airport [$\phi$=44° 28′ N.; $\lambda$=73° 11′ W.] City [$\phi$=44° 29′ N.; $\lambda$=73° 12′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.55 | 30.01 | 30.03 | 28.72 | 17.6 | 16.1 | 21.9 | 19.1 | 16.1 | 14.8 | 19.6 | 17.6 | 26.5 | 9.1 | 17.8 | 45 | −17 | 11 | 10 | 13 | 13 | 12 | 74 | 75 | 66 | 77 | 73 |
| February | 29.39 | 29.85 | 29.96 | 28.77 | 14.0 | 12.2 | 22.7 | 17.3 | 13.1 | 11.4 | 20.2 | 16.1 | 24.2 | 8.8 | 16.5 | 42 | −17 | 9 | 8 | 14 | 12 | 11 | 80 | 82 | 66 | 78 | 77 |
| March | 29.39 | 29.84 | 29.94 | 28.46 | 32.3 | 32.5 | 41.0 | 36.2 | 30.5 | 30.6 | 36.2 | 33.0 | 41.9 | 28.9 | 35.4 | 57 | 22 | 28 | 27 | 29 | 28 | 28 | 82 | 81 | 64 | 72 | 75 |
| April | 29.55 | 29.99 | 29.98 | 29.13 | 40.1 | 41.5 | 53.4 | 48.1 | 37.3 | 38.3 | 45.2 | 43.4 | 54.5 | 36.4 | 45.4 | 79 | 28 | 34 | 34 | 37 | 39 | 36 | 80 | 76 | 58 | 72 | 71 |
| May | 29.56 | 29.99 | 29.88 | 29.25 | 55.1 | 58.4 | 68.2 | 62.5 | 52.1 | 54.0 | 58.6 | 56.8 | 68.4 | 49.9 | 59.2 | 83 | 34 | 50 | 50 | 52 | 53 | 51 | 84 | 76 | 57 | 71 | 72 |
| June | 29.50 | 29.93 | 29.87 | 29.15 | 59.3 | 63.5 | 74.1 | 68.3 | 57.2 | 59.5 | 64.0 | 62.5 | 74.0 | 56.2 | 65.1 | 88 | 43 | 56 | 57 | 58 | 59 | 57 | 89 | 79 | 59 | 74 | 75 |
| July | 29.50 | 29.93 | 29.90 | 29.19 | 63.3 | 66.4 | 78.5 | 71.8 | 60.3 | 62.1 | 66.7 | 64.6 | 77.8 | 58.9 | 68.4 | 94 | 45 | 58 | 60 | 60 | 60 | 60 | 85 | 78 | 55 | 69 | 72 |
| August | 29.58 | 30.01 | 30.00 | 29.19 | 62.1 | 63.8 | 76.0 | 69.1 | 59.3 | 60.5 | 65.2 | 63.3 | 76.1 | 57.2 | 66.6 | 86 | 39 | 57 | 58 | 59 | 60 | 58 | 86 | 83 | 57 | 73 | 75 |
| September | 29.59 | 30.02 | 30.08 | 29.04 | 54.8 | 55.3 | 68.4 | 60.3 | 52.8 | 53.2 | 59.9 | 55.8 | 69.5 | 49.0 | 59.2 | 87 | 29 | 51 | 52 | 54 | 52 | 52 | 88 | 87 | 62 | 76 | 78 |
| October | 29.59 | 30.04 | 30.20 | 29.07 | 44.3 | 44.7 | 59.4 | 49.8 | 41.9 | 42.1 | 51.2 | 45.9 | 59.0 | 39.6 | 49.3 | 69 | 30 | 39 | 39 | 44 | 42 | 41 | 84 | 81 | 57 | 75 | 74 |
| November | 29.56 | 30.01 | 30.12 | 28.87 | 34.9 | 33.8 | 41.3 | 36.3 | 32.5 | 31.8 | 36.9 | 33.4 | 43.4 | 29.1 | 36.2 | 62 | 11 | 29 | 28 | 30 | 29 | 29 | 79 | 81 | 66 | 74 | 75 |
| December | 29.52 | 29.98 | 30.42 | 28.06 | 18.2 | 17.9 | 23.3 | 20.4 | 17.2 | 17.0 | 21.1 | 18.8 | 26.2 | 12.0 | 19.1 | 41 | −23 | 14 | 14 | 16 | 15 | 15 | 83 | 85 | 72 | 78 | 79 |
| Year | 29.52 | 29.97 | 30.42 | 28.06 | 41.3 | 42.2 | 52.4 | 46.6 | 39.2 | 39.6 | 45.4 | 42.6 | 53.5 | 36.3 | 44.8 | 94 | −23 | 36 | 36 | 39 | 38 | 38 | 83 | 80 | 62 | 74 | 75 |

CAIRO, ILL.

[$\phi$=37° 00′ N.; $\lambda$=89° 10′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.78 | 30.18 | 30.26 | 29.02 | ---- | 29.9 | 37.5 | ---- | ---- | 27.7 | 32.9 | ---- | 42.5 | 25.9 | 34.2 | 65 | −5 | ---- | 24 | 25 | ---- | 25 | ---- | 78 | 63 | ---- | 71 |
| February | 29.68 | 30.07 | 30.00 | 28.91 | ---- | 33.5 | 38.1 | ---- | ---- | 31.7 | 34.7 | ---- | 43.0 | 30.4 | 36.7 | 60 | 16 | ---- | 29 | 29 | ---- | 29 | ---- | 82 | 72 | ---- | 77 |
| March | 29.52 | 29.91 | 29.94 | 29.00 | ---- | 43.5 | 54.6 | ---- | ---- | 40.5 | 46.4 | ---- | 59.6 | 41.0 | 50.3 | 76 | 31 | ---- | 37 | 37 | ---- | 37 | ---- | 79 | 55 | ---- | 67 |
| April | 29.69 | 30.07 | 30.00 | 29.23 | ---- | 54.2 | 65.9 | ---- | ---- | 49.7 | 55.4 | ---- | 69.9 | 52.7 | 61.3 | 84 | 35 | ---- | 45 | 46 | ---- | 46 | ---- | 73 | 53 | ---- | 63 |
| May | 29.62 | 29.99 | 29.85 | 29.32 | ---- | 61.7 | 72.4 | ---- | ---- | 57.9 | 62.4 | ---- | 76.6 | 58.3 | 67.4 | 92 | 47 | ---- | 55 | 56 | ---- | 55 | ---- | 80 | 58 | ---- | 69 |
| June | 29.56 | 29.93 | 29.78 | 29.27 | ---- | 71.5 | 83.1 | ---- | ---- | 68.7 | 73.0 | ---- | 86.7 | 68.2 | 77.4 | 95 | 55 | ---- | 67 | 68 | ---- | 68 | ---- | 87 | 63 | ---- | 75 |
| July | 29.65 | 30.02 | 29.83 | 29.46 | ---- | 74.9 | 88.2 | ---- | ---- | 71.3 | 75.5 | ---- | 92.2 | 72.8 | 82.5 | 98 | 65 | ---- | 70 | 70 | ---- | 70 | ---- | 84 | 56 | ---- | 70 |
| August | 29.64 | 30.02 | 29.85 | 29.43 | ---- | 70.9 | 82.4 | ---- | ---- | 68.8 | 73.2 | ---- | 85.6 | 69.2 | 77.4 | 100 | 56 | ---- | 68 | 69 | ---- | 68 | ---- | 90 | 66 | ---- | 78 |
| September | 29.67 | 30.05 | 30.10 | 29.44 | ---- | 63.5 | 77.4 | ---- | ---- | 61.1 | 66.5 | ---- | 80.9 | 61.4 | 71.2 | 92 | 39 | ---- | 59 | 59 | ---- | 59 | ---- | 86 | 55 | ---- | 71 |
| October | 29.65 | 30.03 | 29.91 | 29.14 | ---- | 53.9 | 68.8 | ---- | ---- | 51.4 | 57.6 | ---- | 71.7 | 51.4 | 61.6 | 83 | 31 | ---- | 49 | 49 | ---- | 49 | ---- | 84 | 52 | ---- | 68 |
| November | 29.70 | 30.09 | 30.12 | 29.12 | ---- | 47.1 | 56.0 | ---- | ---- | 44.3 | 48.9 | ---- | 59.8 | 43.8 | 51.8 | 78 | 28 | ---- | 41 | 41 | ---- | 41 | ---- | 80 | 60 | ---- | 70 |
| December | 29.73 | 30.12 | 30.17 | 29.12 | ---- | 34.8 | 40.3 | ---- | ---- | 33.4 | 37.4 | ---- | 43.7 | 31.2 | 37.4 | 74 | 17 | ---- | 31 | 33 | ---- | 32 | ---- | 86 | 76 | ---- | 81 |
| Year | 29.66 | 30.04 | 30.26 | 28.91 | ---- | 53.3 | 63.7 | ---- | ---- | 50.5 | 55.3 | ---- | 67.7 | 50.5 | 59.1 | 100 | −5 | ---- | 48 | 48 | ---- | 48 | ---- | 82 | 61 | ---- | 72 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Buffalo, N. Y., 768 feet; Burlington, Vt., 403 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

BUFFALO, N. Y.

Airport [$H$=693 ft.; $H_b$=706 ft.; $H_t$=33 ft.; $H_r$=31 ft.; $H_a$=96 ft.] City [$H$=604 ft.; $H_b$=768 ft.; $H_t$=243 ft.; $H_r$=237 ft.; $H_a$=279 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 3.25 | 0.54 | 31.0 | 8.0 | 18.4 | sw. | 65 | w. | 14 | 4 | 6 | 21 | 18 | 15 | 21 | 14 | 0 | 6 | 1 | 0 | 0 | 18 | 0 | 0 | 30 | 2 | 0 |
| February | 4.26 | 2.19 | 28.0 | 7.9 | 15.8 | w. | 43 | w. | 7 | 4 | 5 | 19 | 22 | 17 | 24 | 19 | 0 | 3 | 2 | 0 | 0 | 20 | 0 | 0 | 28 | 0 | 0 |
| March | 3.79 | 1.32 | 13.7 | 8.0 | 17.2 | sw. | 66 | w. | 8 | 3 | 5 | 23 | 17 | 15 | 20 | 12 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 26 | 0 | 1 |
| April | 2.16 | 1.03 | 4.1 | 5.6 | 14.8 | sw. | 44 | w. | 7 | 10 | 10 | 10 | 8 | 7 | 4 | 3 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 |
| May | 3.75 | 1.35 | .0 | 7.3 | 14.7 | sw. | 52 | sw. | 12 | 3 | 11 | 17 | 17 | 13 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| June | .76 | .24 | .0 | 5.9 | 10.6 | sw. | 38 | w. | 3 | 8 | 10 | 12 | 12 | 8 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| July | 2.42 | 1.40 | .0 | 5.4 | 12.8 | sw. | 38 | sw. | 8 | 10 | 10 | 11 | 11 | 7 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| August | 2.45 | 1.12 | .0 | 5.5 | 12.3 | sw. | 44 | w. | 3 | 10 | 9 | 12 | 9 | 6 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| September | 3.40 | 1.93 | .0 | 5.9 | 13.5 | s. | 50 | w. | 9 | 7 | 12 | 11 | 13 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| October | 3.12 | 1.01 | T | 6.3 | 15.2 | s. | 47 | sw. | 6 | 10 | 4 | 17 | 16 | 12 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 4.26 | 1.15 | 8.7 | 6.9 | 16.4 | w. | 59 | sw. | 12 | 5 | 10 | 15 | 16 | 14 | 8 | 4 | 1 | 3 | 2 | 0 | 2 | 1 | 0 | 0 | 13 | 0 | 0 |
| December | 5.01 | 1.60 | 26.7 | 8.6 | 18.4 | w. | 61 | w. | 8 | 2 | 5 | 24 | 21 | 14 | 21 | 15 | 0 | 5 | 2 | 0 | 0 | 16 | 0 | 0 | 31 | 2 | 0 |
| Year | 38.63 | 2.19 | 112.2 | 6.8 | 15.0 | sw. | 66 | w. | 97 | 76 | 97 | 192 | 180 | 136 | 100 | 68 | 2 | 35 | 13 | 0 | 2 | 56 | 0 | 0 | 137 | 4 | 24 |

BURLINGTON, IOWA

Airport [$H$=700 ft.; $H_b$=702 ft.; $H_t$=6 ft.; $H_r$=4 ft.; $H_a$=35 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.57 | 0.39 | 4.7 | 4.8 | 9.2 | nw. | 27 | nw. | 0 | 13 | 7 | 11 | 3 | 2 | 6 | 3 | 0 | 14 | 6 | 4 | 4 | 10 | 0 | 0 | 30 | 9 | 0 |
| February | 2.57 | 1.44 | 6.2 | 7.7 | 9.3 | nw. | 27 | nw. | 0 | 1 | 9 | 18 | 10 | 7 | 19 | 7 | 0 | 10 | 6 | 5 | 5 | 12 | 0 | 0 | 25 | 0 | 3 |
| March | 1.86 | .70 | .5 | 7.5 | 11.4 | w. | 34 | w. | 1 | 5 | 6 | 20 | 9 | 6 | 7 | 1 | 0 | 9 | 1 | 1 | 1 | 1 | 0 | 0 | 18 | 0 | 3 |
| April | 2.09 | .89 | 1.7 | 5.5 | 10.4 | s. | 34 | s. | 2 | 11 | 7 | 12 | 6 | 6 | 2 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 6 |
| May | 3.51 | .64 | .0 | 7.3 | 9.9 | s. | 39 | sw. | 2 | 2 | 12 | 17 | 13 | 11 | 0 | 0 | 1 | 10 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 9 |
| June | 4.80 | 1.33 | .0 | 7.1 | 7.2 | se. | 39 | w. | 1 | 4 | 7 | 19 | 10 | 8 | 0 | 0 | 0 | 14 | 2 | 2 | 1 | 0 | 8 | 1 | 0 | 0 | 10 |
| July | 4.30 | 1.30 | .0 | 4.7 | 7.1 | s. | 24 | s. | 0 | 12 | 13 | 6 | 13 | 12 | 0 | 0 | 0 | 11 | 1 | 1 | 0 | 0 | 8 | 1 | 0 | 0 | 16 |
| August | 1.80 | .82 | .0 | 4.4 | 7.2 | s. | 20 | sw. | 0 | 12 | 14 | 5 | 6 | 5 | 0 | 0 | 0 | 18 | 2 | 2 | 2 | 0 | 7 | 1 | 0 | 0 | 6 |
| September | 4.85 | 2.09 | 1.2 | 6.0 | 8.0 | s. | 24 | nw. | 0 | 8 | 10 | 12 | 15 | 8 | 1 | 1 | 1 | 14 | 3 | 3 | 1 | 0 | 2 | 0 | 1 | 0 | 6 |
| October | .79 | 0.35 | T | 4.5 | 8.0 | s. | 34 | s. | 2 | 13 | 11 | 7 | 8 | 4 | 1 | 0 | 1 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 2 |
| November | 4.45 | 1.11 | 4.9 | 6.8 | 11.0 | s. | 33 | s. | 2 | 7 | 6 | 17 | 14 | 11 | 6 | 4 | 0 | 15 | 4 | 2 | 2 | 3 | 0 | 0 | 13 | 0 | 4 |
| December | 3.00 | 2.11 | 8.7 | 7.1 | 8.8 | nw. | 27 | nw. | 0 | 4 | 11 | 16 | 11 | 7 | 13 | 5 | 0 | 18 | 5 | 5 | 4 | 18 | 0 | 0 | 30 | 4 | 2 |
| Year | 34.59 | 2.11 | 27.9 | 6.1 | 9.0 | nw. | 39 | sw. | 10 | 92 | 113 | 160 | 118 | 87 | 55 | 22 | 3 | 147 | 33 | 27 | 21 | 44 | 25 | 3 | 126 | 13 | 67 |

BURLINGTON, VT.

Airport [$H$=331 ft.; $H_b$=340 ft.; $H_t$=6 ft.; $H_r$=4 ft.; $H_a$=64 ft.] City [$H$=398 ft.; $H_b$=403 ft.; $H_t$=11 ft.; $H_r$=3 ft.; $H_a$=48 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.43 | 0.55 | 9.3 | 7.2 | 11.1 | s. | 41 | s. | 4 | 5 | 5 | 21 | 14 | 7 | 19 | 11 | 0 | 3 | 1 | 0 | 1 | 23 | 0 | 0 | 31 | 10 | 0 |
| February | 1.45 | .45 | 18.2 | 7.3 | 8.6 | nw. | 24 | s. | 0 | 6 | 4 | 18 | 18 | 12 | 20 | 17 | 0 | 7 | 1 | 0 | 0 | 22 | 0 | 0 | 28 | 7 | 0 |
| March | 2.89 | .92 | 13.0 | 7.6 | 8.5 | nw. | 34 | se. | 1 | 6 | 2 | 23 | 15 | 14 | 15 | 11 | 0 | 9 | 1 | 0 | 1 | 0 | 0 | 0 | 28 | 0 | 0 |
| April | 3.08 | 1.41 | 5.0 | 6.5 | 9.0 | n. | 34 | s. | 2 | 7 | 9 | 14 | 12 | 10 | 10 | 3 | 0 | 13 | 3 | 0 | 1 | 0 | 0 | 0 | 12 | 0 | 1 |
| May | 2.13 | .50 | .0 | 7.2 | 9.1 | s. | 35 | s. | 1 | 1 | 15 | 15 | 13 | 9 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| June | 6.36 | 4.45 | .0 | 7.0 | 7.2 | s. | 26 | s. | 0 | 6 | 6 | 18 | 12 | 9 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| July | 2.21 | 1.13 | .0 | 6.6 | 7.1 | s. | 23 | s. | 0 | 5 | 9 | 17 | 13 | 8 | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| August | 4.19 | 1.91 | .0 | 6.1 | 6.8 | s. | 25 | se. | 0 | 6 | 13 | 12 | 9 | 7 | 0 | 0 | 0 | 9 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 |
| September | 4.97 | 2.43 | .0 | 6.0 | 8.1 | s. | 38 | s. | 1 | 9 | 6 | 15 | 10 | 9 | 0 | 0 | 0 | 7 | 4 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 2 |
| October | 3.21 | 1.49 | T | 5.5 | 9.6 | s. | 34 | s. | 2 | 8 | 13 | 10 | 7 | 5 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 |
| November | 1.65 | .38 | 4.4 | 7.4 | 11.0 | s. | 37 | s. | 1 | 4 | 7 | 19 | 17 | 13 | 7 | 6 | 0 | 8 | 3 | 0 | 2 | 5 | 0 | 0 | 17 | 0 | 1 |
| December | 2.99 | 1.38 | 9.8 | 8.3 | 10.4 | s. | 35 | s. | 2 | 2 | 7 | 22 | 14 | 10 | 25 | 12 | 0 | 6 | 2 | 0 | 0 | 21 | 0 | 0 | 31 | 8 | 0 |
| Year | 36.56 | 4.45 | 59.7 | 6.9 | 8.9 | s. | 41 | s. | 14 | 65 | 96 | 204 | 154 | 113 | 98 | 60 | 0 | 89 | 19 | 0 | 9 | 71 | 1 | 0 | 150 | 25 | 27 |

CAIRO, ILL.

[$H$=314 ft.; $H_b$=357 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=99 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.12 | 1.40 | 5.4 | 5.3 | 9.0 | sw. | 30 | sw. | 0 | 10 | 11 | 10 | 8 | 7 | 3 | 2 | 0 | 4 | 1 | 1 | 1 | 9 | 0 | 0 | 15 | 3 | 1 |
| February | 4.52 | 1.22 | 1.3 | 7.3 | 9.1 | nw. | 42 | sw. | 1 | 5 | 6 | 17 | 11 | 10 | 8 | 3 | 0 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 18 | 0 | 2 |
| March | 3.07 | 1.15 | .2 | 6.2 | 10.1 | s. | 32 | s. | 1 | 8 | 9 | 14 | 14 | 10 | 6 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 4 |
| April | 4.19 | 3.48 | .0 | 6.1 | 9.6 | s. | 31 | sw. | 0 | 7 | 13 | 10 | 6 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| May | 3.21 | 1.57 | .0 | 6.5 | 8.3 | s. | 28 | ne. | 0 | 6 | 9 | 16 | 7 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 |
| June | 3.51 | 1.24 | .0 | 6.8 | 6.6 | sw. | 25 | e. | 0 | 4 | 10 | 16 | 13 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 14 | 3 | 0 | 0 | 11 |
| July | .62 | .36 | .0 | 5.5 | 6.8 | sw. | 30 | n. | 0 | 8 | 15 | 8 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 8 | 0 | 0 | 11 |
| August | 5.05 | 3.20 | .0 | 5.8 | 5.9 | s. | 32 | n. | 1 | 7 | 12 | 12 | 13 | 10 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 8 |
| September | .96 | .62 | .0 | 4.8 | 7.3 | sw. | 24 | nw. | 0 | 13 | 6 | 11 | 5 | 3 | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 5 | 0 | 0 | 0 | 5 |
| October | 1.96 | 1.40 | .0 | 4.8 | 6.9 | n. | 32 | s. | 1 | 12 | 10 | 9 | 9 | 5 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| November | 5.23 | 1.26 | .0 | 6.3 | 10.0 | s. | 29 | sw. | 0 | 8 | 8 | 14 | 15 | 15 | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 3 |
| December | 2.18 | .51 | 2.4 | 7.7 | 8.8 | s. | 31 | sw. | 0 | 5 | 5 | 21 | 15 | 12 | 7 | 3 | 0 | 7 | 5 | 3 | 2 | 2 | 0 | 0 | 19 | 0 | 2 |
| Year | 37.62 | 3.48 | 9.3 | 6.1 | 8.2 | s. | 42 | sw. | 4 | 93 | 114 | 158 | 125 | 95 | 24 | 9 | 1 | 25 | 12 | 8 | 6 | 14 | 47 | 13 | 60 | 3 | 58 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

CANTON, N. Y.
[$\phi$=44°35′ N.; $\lambda$=75°10′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.51 | 30.01 | 29.99 | 28.61 | 15.6 | 13.8 | 20.0 | 18.1 | 14.7 | 13.0 | 18.3 | 17.1 | 25.3 | 6.2 | 15.8 | 47 | −23 | 13 | 11 | 14 | 14 | 13 | 89 | 88 | 75 | 85 | 84 |
| February | 29.40 | 29.90 | 29.99 | 28.73 | 13.8 | 12.0 | 18.9 | 16.7 | 13.3 | 11.6 | 17.3 | 15.7 | 23.3 | 7.0 | 15.2 | 43 | −17 | 11 | 10 | 12 | 13 | 12 | 90 | 91 | 74 | 83 | 84 |
| March | 29.34 | 29.83 | 29.88 | 28.32 | 31.3 | 31.1 | 39.4 | 34.8 | 30.1 | 29.4 | 35.2 | 32.5 | 42.1 | 26.5 | 34.3 | 61 | 14 | 28 | 26 | 29 | 29 | 28 | 87 | 82 | 69 | 79 | 79 |
| April | 29.52 | 30.00 | 29.91 | 29.06 | 42.7 | 42.5 | 53.6 | 48.4 | 39.5 | 39.1 | 45.4 | 43.3 | 56.4 | 37.5 | 47.0 | 82 | 28 | 36 | 35 | 37 | 38 | 36 | 78 | 76 | 58 | 70 | 70 |
| May | 29.51 | 29.98 | 29.83 | 29.16 | 54.2 | 56.5 | 66.1 | 60.7 | 51.6 | 52.2 | 56.6 | 55.1 | 69.2 | 48.6 | 58.9 | 87 | 35 | 49 | 48 | 49 | 51 | 49 | 85 | 75 | 56 | 71 | 72 |
| June | 29.46 | 29.93 | 29.82 | 29.16 | 59.4 | 63.4 | 73.9 | 68.3 | 56.5 | 58.7 | 62.9 | 61.5 | 76.6 | 55.7 | 66.2 | 92 | 43 | 54 | 56 | 56 | 57 | 56 | 84 | 76 | 55 | 69 | 71 |
| July | 29.46 | 29.93 | 29.84 | 29.12 | 63.4 | 65.9 | 76.0 | 71.6 | 60.0 | 60.9 | 63.8 | 62.9 | 79.6 | 58.4 | 69.0 | 91 | 46 | 58 | 58 | 56 | 57 | 57 | 81 | 75 | 53 | 62 | 68 |
| August | 29.54 | 30.00 | 29.93 | 29.14 | 61.7 | 63.1 | 74.8 | 69.8 | 59.0 | 59.7 | 63.9 | 62.7 | 77.3 | 56.5 | 66.9 | 85 | 37 | 57 | 57 | 57 | 58 | 57 | 86 | 82 | 55 | 68 | 73 |
| September | 29.53 | 30.00 | 30.01 | 28.98 | 54.8 | 55.6 | 67.0 | 60.2 | 52.7 | 53.2 | 58.3 | 55.8 | 70.4 | 48.1 | 59.2 | 88 | 29 | 51 | 51 | 52 | 52 | 52 | 87 | 85 | 60 | 76 | 77 |
| October | 29.53 | 30.01 | 30.13 | 28.97 | 46.1 | 45.1 | 58.8 | 50.5 | 43.1 | 42.6 | 49.6 | 46.3 | 60.6 | 39.5 | 50.0 | 71 | 27 | 40 | 40 | 41 | 42 | 41 | 80 | 82 | 53 | 74 | 72 |
| November | 29.51 | 30.00 | 30.09 | 28.79 | 34.4 | 33.6 | 40.8 | 35.6 | 32.4 | 31.9 | 36.3 | 33.0 | 44.6 | 27.0 | 35.8 | 65 | 11 | 30 | 30 | 29 | 29 | 29 | 83 | 85 | 66 | 77 | 78 |
| December | 29.49 | 29.99 | 30.31 | 28.10 | 17.0 | 15.5 | 21.1 | 18.7 | 16.4 | 14.6 | 19.2 | 17.8 | 25.6 | 9.0 | 17.3 | 39 | −37 | 15 | 12 | 15 | 16 | 14 | 91 | 87 | 75 | 88 | 85 |
| Year | 29.48 | 29.96 | 30.31 | 28.10 | 41.2 | 41.5 | 50.9 | 46.1 | 39.1 | 38.9 | 43.9 | 42.0 | 54.2 | 35.0 | 44.6 | 92 | −37 | 37 | 36 | 37 | 38 | 37 | 85 | 82 | 62 | 75 | 76 |

CAPE HENRY, VA.
[$\phi$=36°56′N.; $\lambda$=76°00′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.06 | 30.08 | 30.62 | 29.40 | ..... | 36.6 | 43.7 | 40.9 | ..... | 34.4 | 38.6 | 37.2 | 47.3 | 32.8 | 40.0 | 68 | 12 | .... | 31 | 31 | 32 | 31 | .... | 80 | 63 | 70 | 71 |
| February | 29.91 | 29.93 | 30.44 | 29.22 | ..... | 34.8 | 40.4 | 38.9 | ..... | 31.4 | 35.1 | 34.8 | 43.5 | 31.8 | 37.6 | 67 | 18 | .... | 25 | 27 | 28 | 27 | .... | 67 | 57 | 64 | 63 |
| March | 29.88 | 29.90 | 30.25 | 28.81 | ..... | 46.8 | 52.8 | 49.4 | ..... | 43.5 | 46.7 | 44.9 | 57.2 | 40.8 | 49.0 | 82 | 31 | .... | 40 | 40 | 40 | 40 | .... | 77 | 65 | 72 | 72 |
| April | 30.05 | 30.07 | 30.38 | 29.64 | ..... | 54.0 | 63.4 | 58.1 | ..... | 49.0 | 53.1 | 51.0 | 66.8 | 48.9 | 57.8 | 93 | 39 | .... | 44 | 44 | 44 | 44 | .... | 70 | 53 | 63 | 62 |
| May | 30.02 | 30.04 | 30.30 | 29.70 | ..... | 66.2 | 73.2 | 67.7 | ..... | 61.8 | 64.4 | 63.0 | 76.5 | 60.8 | 68.6 | 90 | 52 | .... | 59 | 59 | 60 | 59 | .... | 78 | 63 | 78 | 73 |
| June | 29.94 | 29.96 | 30.27 | 29.54 | ..... | 74.0 | 80.2 | 76.0 | ..... | 69.5 | 71.3 | 70.4 | 82.4 | 69.5 | 76.0 | 98 | 64 | .... | 67 | 67 | 68 | 67 | .... | 81 | 66 | 77 | 75 |
| July | 29.97 | 29.99 | 30.19 | 29.75 | ..... | 77.7 | 85.0 | 80.8 | ..... | 73.7 | 75.0 | 73.5 | 87.4 | 72.5 | 80.0 | 99 | 66 | .... | 72 | 71 | 70 | 71 | .... | 83 | 63 | 72 | 73 |
| August | 30.02 | 30.04 | 30.33 | 29.76 | ..... | 74.9 | 80.9 | 76.4 | ..... | 70.9 | 72.5 | 70.9 | 83.1 | 71.2 | 77.2 | 95 | 64 | .... | 69 | 69 | 68 | 69 | .... | 82 | 67 | 77 | 75 |
| September | 30.02 | 30.04 | 30.44 | 29.67 | ..... | 71.1 | 78.2 | 72.9 | ..... | 68.1 | 70.4 | 68.5 | 79.5 | 67.6 | 73.6 | 90 | 53 | .... | 66 | 67 | 66 | 66 | .... | 86 | 68 | 80 | 78 |
| October | 30.01 | 30.03 | 30.43 | 29.56 | ..... | 62.0 | 68.1 | 63.2 | ..... | 58.6 | 61.2 | 59.5 | 69.6 | 56.9 | 63.2 | 82 | 38 | .... | 56 | 56 | 57 | 56 | .... | 82 | 68 | 81 | 77 |
| November | 30.08 | 30.10 | 30.47 | 29.47 | ..... | 51.2 | 59.0 | 54.3 | ..... | 47.5 | 51.5 | 49.1 | 61.3 | 47.4 | 54.4 | 79 | 34 | .... | 44 | 45 | 44 | 44 | .... | 75 | 60 | 68 | 68 |
| December | 30.06 | 30.08 | 30.67 | 28.90 | ..... | 39.7 | 43.7 | 41.6 | ..... | 37.4 | 39.6 | 38.7 | 48.5 | 35.2 | 41.8 | 74 | 17 | .... | 34 | 34 | 34 | 34 | .... | 79 | 70 | 76 | 75 |
| Year | 30.00 | 30.02 | 30.67 | 28.81 | ..... | 57.4 | 64.0 | 60.0 | ..... | 53.8 | 56.6 | 55.1 | 66.9 | 53.0 | 59.9 | 99 | 12 | .... | 51 | 51 | 51 | 51 | .... | 78 | 64 | 73 | 72 |

CHARLES CITY, IOWA
[$\phi$=43°04′N.; $\lambda$=92°38′W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 28.97 | 30.12 | 29.51 | 28.44 | 16.7 | 14.5 | 22.9 | 20.1 | 15.9 | 13.8 | 20.7 | 18.8 | 27.2 | 8.8 | 18.0 | 45 | −25 | 14 | 12 | 16 | 16 | 14 | 87 | 87 | 73 | 83 | 83 |
| February | 29.00 | 30.14 | 29.25 | 28.46 | 19.0 | 16.6 | 26.1 | 23.6 | 17.8 | 15.7 | 23.7 | 22.0 | 28.6 | 12.7 | 20.6 | 38 | −18 | 15 | 13 | 18 | 18 | 16 | 82 | 85 | 71 | 78 | 79 |
| March | 28.74 | 29.85 | 29.22 | 28.25 | 33.6 | 31.8 | 39.9 | 39.3 | 31.7 | 30.2 | 35.4 | 35.6 | 43.5 | 29.0 | 36.2 | 67 | 18 | 29 | 28 | 29 | 31 | 29 | 83 | 86 | 67 | 72 | 77 |
| April | 28.94 | 30.03 | 29.37 | 28.40 | 47.0 | 43.1 | 61.7 | 60.2 | 42.4 | 40.0 | 49.8 | 49.4 | 65.7 | 40.1 | 52.9 | 84 | 26 | 37 | 36 | 38 | 39 | 38 | 70 | 77 | 44 | 47 | 60 |
| May | 28.86 | 29.94 | 29.21 | 28.29 | 52.8 | 51.4 | 62.9 | 62.8 | 50.3 | 48.7 | 53.8 | 54.9 | 66.5 | 47.1 | 56.8 | 89 | 33 | 48 | 46 | 46 | 48 | 47 | 84 | 83 | 57 | 62 | 72 |
| June | 28.88 | 29.95 | 29.12 | 28.40 | 63.2 | 62.3 | 73.5 | 72.5 | 60.3 | 59.5 | 64.4 | 64.3 | 76.6 | 58.0 | 67.3 | 91 | 43 | 58 | 57 | 59 | 59 | 58 | 85 | 85 | 62 | 65 | 74 |
| July | 28.91 | 29.98 | 29.15 | 28.65 | 66.6 | 65.3 | 79.2 | 76.4 | 63.9 | 62.9 | 68.1 | 68.4 | 82.2 | 61.7 | 72.0 | 95 | 50 | 62 | 62 | 62 | 64 | 63 | 87 | 88 | 57 | 68 | 75 |
| August | 28.92 | 30.00 | 29.20 | 28.68 | 65.1 | 62.8 | 77.9 | 74.8 | 63.0 | 61.0 | 67.1 | 67.5 | 80.4 | 59.7 | 70.0 | 90 | 42 | 61 | 60 | 61 | 64 | 62 | 88 | 90 | 58 | 68 | 76 |
| September | 28.93 | 30.02 | 29.42 | 28.58 | 54.7 | 52.6 | 65.0 | 60.9 | 52.8 | 51.4 | 57.1 | 56.1 | 67.7 | 49.0 | 58.4 | 88 | 23 | 51 | 50 | 51 | 53 | 51 | 89 | 90 | 62 | 75 | 79 |
| October | 28.91 | 30.00 | 29.30 | 28.25 | 45.2 | 40.6 | 59.5 | 53.4 | 42.5 | 38.7 | 48.5 | 46.8 | 62.5 | 38.9 | 50.7 | 80 | 17 | 39 | 36 | 38 | 40 | 39 | 80 | 85 | 47 | 62 | 69 |
| November | 28.90 | 30.02 | 29.41 | 28.31 | 33.1 | 30.4 | 41.7 | 36.2 | 31.0 | 29.0 | 36.8 | 33.3 | 43.9 | 26.4 | 35.2 | 68 | 0 | 28 | 27 | 30 | 29 | 29 | 81 | 86 | 65 | 76 | 77 |
| December | 28.98 | 30.13 | 29.56 | 28.40 | 15.0 | 15.2 | 21.3 | 17.3 | 14.3 | 14.4 | 19.7 | 16.4 | 24.1 | 9.0 | 16.6 | 38 | −11 | 12 | 12 | 16 | 14 | 14 | 87 | 86 | 77 | 85 | 84 |
| Year | 28.91 | 30.02 | 29.56 | 28.25 | 42.7 | 40.6 | 52.6 | 49.8 | 40.5 | 38.8 | 45.4 | 44.5 | 55.7 | 36.7 | 46.2 | 95 | −25 | 38 | 37 | 39 | 40 | 38 | 84 | 86 | 62 | 70 | 75 |

CHARLESTON, S. C.
Airport [$\phi$=32°54′ N.; $\lambda$=80°02′ W.] City [$\phi$=32°47′ N.; $\lambda$=79°56′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (4) | (2) | (2) | (2) | (2) |
| January | 30.07 | 30.12 | 30.49 | 29.50 | 43.1 | 40.3 | 56.5 | 48.0 | 40.6 | 38.4 | 48.0 | 44.2 | 57.7 | 41.6 | 49.6 | 74 | 24 | 38 | 36 | 39 | 40 | 38 | 81 | 85 | 54 | 74 | 73 |
| February | 29.95 | 30.00 | 30.41 | 29.16 | 39.9 | 37.3 | 51.4 | 45.9 | 37.9 | 35.9 | 43.8 | 41.9 | 52.0 | 38.3 | 45.2 | 66 | 26 | 35 | 34 | 34 | 37 | 35 | 83 | 86 | 53 | 71 | 73 |
| March | 29.91 | 29.96 | 30.19 | 29.02 | 52.5 | 49.6 | 67.0 | 58.6 | 49.7 | 47.6 | 55.6 | 52.2 | 66.1 | 50.1 | 58.1 | 81 | 34 | 47 | 45 | 45 | 46 | 46 | 82 | 86 | 49 | 65 | 70 |
| April | 30.04 | 30.09 | 30.36 | 29.59 | 56.2 | 55.5 | 75.9 | 65.3 | 53.7 | 53.6 | 59.9 | 58.4 | 75.1 | 56.7 | 65.9 | 89 | 42 | 51 | 51 | 47 | 53 | 51 | 85 | 82 | 38 | 67 | 68 |
| May | 29.99 | 30.04 | 30.19 | 29.77 | 64.9 | 67.8 | 81.0 | 72.1 | 63.6 | 65.2 | 68.8 | 66.6 | 80.0 | 66.5 | 73.2 | 85 | 58 | 63 | 64 | 62 | 64 | 63 | 93 | 87 | 54 | 75 | 77 |
| June | 29.92 | 29.97 | 30.16 | 29.70 | 72.6 | 75.8 | 85.7 | 79.2 | 71.3 | 72.8 | 75.9 | 74.3 | 86.7 | 73.2 | 80.0 | 97 | 69 | 71 | 72 | 72 | 72 | 72 | 94 | 87 | 65 | 80 | 81 |
| July | 29.99 | 30.04 | 30.19 | 29.81 | 76.0 | 78.2 | 90.3 | 82.6 | 74.1 | 74.9 | 78.3 | 77.3 | 92.1 | 76.1 | 84.1 | 101 | 68 | 74 | 74 | 74 | 75 | 74 | 92 | 86 | 59 | 79 | 79 |
| August | 30.00 | 30.05 | 30.22 | 29.84 | 74.0 | 74.4 | 86.9 | 78.6 | 72.2 | 71.8 | 75.6 | 73.9 | 87.4 | 74.1 | 80.8 | 98 | 63 | 71 | 71 | 71 | 72 | 71 | 92 | 88 | 60 | 80 | 80 |
| September | 29.98 | 30.03 | 30.31 | 29.66 | 70.6 | 69.2 | 84.5 | 75.5 | 69.2 | 67.7 | 73.0 | 71.7 | 85.6 | 70.5 | 78.0 | 97 | 50 | 68 | 67 | 68 | 70 | 68 | 93 | 92 | 58 | 83 | 82 |
| October | 29.97 | 30.02 | 30.32 | 29.68 | 59.8 | 58.2 | 78.4 | 66.6 | 58.5 | 57.0 | 65.7 | 63.0 | 77.6 | 61.1 | 69.4 | 85 | 48 | 58 | 56 | 58 | 61 | 58 | 92 | 92 | 51 | 82 | 79 |
| November | 30.07 | 30.12 | 30.38 | 29.64 | 53.9 | 50.3 | 70.2 | 58.8 | 51.4 | 48.0 | 58.2 | 54.4 | 69.8 | 52.4 | 61.1 | 82 | 36 | 49 | 45 | 48 | 50 | 48 | 84 | 84 | 47 | 75 | 72 |
| December | 30.06 | 30.12 | 30.54 | 29.27 | 45.8 | 47.9 | 57.3 | 49.2 | 43.6 | 41.4 | 50.8 | 46.7 | 59.0 | 41.9 | 50.4 | 71 | 22 | 41 | 39 | 44 | 44 | 42 | 84 | 86 | 64 | 83 | 79 |
| Year | 30.00 | 30.05 | 30.54 | 29.02 | 59.1 | 58.8 | 73.8 | 65.0 | 57.2 | 56.2 | 62.8 | 60.4 | 74.1 | 58.5 | 66.3 | 101 | 22 | 56 | 54 | 55 | 57 | 56 | 88 | 87 | 54 | 76 | 76 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Charleston, S. C., 48 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

CANTON, N. Y.

[$H$=406 ft.; $H_b$=448 ft.; $H_t$=10 ft.; $H_r$=4 ft.; $H_a$=61 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 2.62 | 0.62 | 15.1 | 7.0 | 10.1 | sw. | 38 | w. | 1 | 8 | 3 | 20 | 19 | 15 | 21 | 17 | 0 | 6 | 2 | 1 | 1 | 22 | 0 | 0 | 30 | 11 | 0 |
| February | 2.28 | .72 | 16.9 | 7.3 | 8.6 | w. | 27 | sw. | 0 | 7 | 3 | 18 | 17 | 13 | 21 | 17 | 0 | 4 | 0 | 0 | 0 | 23 | 0 | 0 | 28 | 8 | 0 |
| March | 3.17 | .75 | 12.8 | 7.7 | 10.1 | w. | 38 | w. | 2 | 4 | 6 | 21 | 18 | 13 | 19 | 13 | 0 | 5 | 2 | 0 | 0 | 1 | 0 | 0 | 28 | 0 | 0 |
| April | 3.09 | 1.15 | 7.5 | 6.7 | 9.5 | sw. | 30 | w. | 0 | 6 | 8 | 16 | 13 | 12 | 5 | 5 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 2 |
| May | 2.06 | .50 | .0 | 7.4 | 8.6 | sw. | 25 | sw. | 0 | 2 | 12 | 17 | 14 | 11 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| June | .72 | .14 | .0 | 6.6 | 6.4 | w. | 24 | sw. | 0 | 5 | 11 | 14 | 14 | 9 | 0 | 0 | 0 | 7 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 7 |
| July | 5.49 | 2.27 | .0 | 6.0 | 7.5 | w. | 27 | sw. | 0 | 8 | 12 | 11 | 9 | 8 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 7 |
| August | 2.91 | 1.44 | .0 | 6.9 | 6.7 | sw. | 28 | w. | 0 | 3 | 12 | 16 | 7 | 6 | 0 | 0 | 0 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| September | 4.22 | 1.18 | T | 6.4 | 7.3 | sw. | 28 | w. | 0 | 7 | 11 | 12 | 14 | 11 | 1 | 0 | 0 | 15 | 4 | 4 | 3 | 0 | 0 | 0 | 2 | 0 | 4 |
| October | 1.99 | 1.07 | 5.4 | 6.3 | 8.2 | sw. | 26 | sw. | 0 | 8 | 7 | 16 | 11 | 5 | 2 | 2 | 0 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| November | 2.47 | .73 | 6.9 | 7.4 | 8.7 | sw. | 33 | sw. | 1 | 3 | 9 | 18 | 15 | 10 | 9 | 5 | 0 | 11 | 3 | 2 | 2 | 5 | 0 | 0 | 20 | 0 | 1 |
| December | 5.33 | 2.47 | 24.5 | 7.7 | 9.6 | w. | 30 | w. | 0 | 6 | 2 | 23 | 16 | 12 | 24 | 15 | 0 | 12 | 0 | 0 | 0 | 18 | 0 | 0 | 31 | 8 | 0 |
| Year | 36.35 | 2.47 | 89.1 | 7.0 | 8.4 | w. | 38 | w. | 4 | 67 | 96 | 202 | 167 | 125 | 102 | 74 | 0 | 113 | 20 | 9 | 7 | 69 | 3 | 0 | 152 | 27 | 30 |

CAPE HENRY, VA.

[$H$=16 ft.; $H_b$=18 ft.; $H_t$=8 ft.; $H_r$=3 ft.; $H_a$=54 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.49 | .71 | 3.0 | 5.5 | 12.4 | n. | 47 | n. | 5 | 11 | 7 | 13 | 10 | 9 | 5 | 3 | 0 | 6 | 3 | 0 | 1 | 3 | 0 | 0 | 11 | 0 | 1 |
| February | 2.12 | 1.64 | T | 5.0 | 15.0 | nw. | 37 | n. | 7 | 13 | 6 | 9 | 4 | 4 | 5 | 0 | 0 | 1 | 2 | 0 | 2 | 1 | 0 | 0 | 14 | 0 | 0 |
| March | 6.13 | 2.05 | .0 | 5.5 | 13.4 | sw. | 43 | nw. | 5 | 11 | 8 | 12 | 14 | 11 | 0 | 0 | 0 | 5 | 2 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 3 |
| April | .52 | .45 | .0 | 3.4 | 11.9 | sw. | 47 | nw. | 2 | 16 | 10 | 4 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| May | 3.20 | 1.88 | .0 | 4.7 | 10.2 | se. | 34 | n. | 2 | 11 | 14 | 6 | 10 | 6 | 0 | 0 | 1 | 2 | 1 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 6 |
| June | .45 | .15 | .0 | 5.5 | 9.7 | se. | 32 | nw. | 1 | 9 | 12 | 9 | 8 | 6 | 0 | 0 | 0 | 9 | 2 | 1 | 4 | 0 | 5 | 1 | 0 | 0 | 6 |
| July | .95 | .25 | .0 | 4.7 | 8.6 | sw. | 47 | nw. | 3 | 10 | 16 | 5 | 10 | 6 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 7 | 6 | 0 | 0 | 7 |
| August | 6.30 | 1.88 | .0 | 6.3 | 10.4 | sw. | 52 | nw. | 3 | 3 | 18 | 10 | 18 | 12 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 10 |
| September | 7.04 | 2.39 | .0 | 5.2 | 11.3 | sw. | 45 | n. | 6 | 8 | 16 | 6 | 9 | 7 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 |
| October | 4.33 | 2.05 | .0 | 5.5 | 12.4 | ne. | 46 | ne. | 4 | 12 | 6 | 13 | 9 | 9 | 0 | 0 | 0 | 13 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 1.10 | .44 | .0 | 4.9 | 13.9 | sw. | 41 | n. | 6 | 11 | 13 | 6 | 8 | 3 | 0 | 0 | 0 | 5 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 4.60 | .77 | 6.0 | 6.4 | 14.0 | n. | 47 | nw. | 6 | 8 | 8 | 15 | 17 | 15 | 5 | 4 | 0 | 12 | 4 | 0 | 3 | 2 | 0 | 0 | 10 | 0 | 1 |
| Year | 39.23 | 2.39 | 9.0 | 5.2 | 11.9 | sw. | 52 | nw. | 50 | 123 | 134 | 108 | 120 | 90 | 15 | 7 | 2 | 71 | 17 | 1 | 21 | 6 | 23 | 8 | 36 | 0 | 40 |

CHARLES CITY, IOWA

[$H$=1,013 ft.; $H_b$=1,015 ft.; $H_t$=10 ft.; $H_r$=4 ft.; $H_a$=51 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.85 | 0.86 | 8.9 | 4.2 | 6.6 | nw. | 20 | nw. | 0 | 14 | 8 | 9 | 1 | 1 | 7 | 1 | 0 | 12 | 4 | 3 | 1 | 13 | 0 | 0 | 31 | 9 | 0 |
| February | 1.15 | 0.77 | 12.5 | 7.0 | 6.2 | n. | 19 | n. | 0 | 2 | 12 | 14 | 2 | 2 | 16 | 2 | 0 | 8 | 5 | 4 | 4 | 17 | 0 | 0 | 28 | 5 | 0 |
| March | 3.31 | 1.34 | 4.1 | 7.2 | 8.0 | nw. | 22 | nw. | 0 | 7 | 5 | 19 | 12 | 10 | 15 | 7 | 1 | 7 | 2 | 0 | 0 | 2 | 0 | 0 | 26 | 0 | 2 |
| April | 1.19 | .64 | .0 | 4.9 | 8.0 | se. | 26 | se. | 0 | 13 | 7 | 10 | 6 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 3 |
| May | 5.51 | 1.41 | .0 | 6.3 | 6.9 | se. | 27 | s. | 0 | 8 | 10 | 13 | 12 | 11 | 0 | 0 | 2 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| June | 6.43 | 3.31 | .0 | 6.5 | 6.0 | se. | 25 | s. | 0 | 7 | 11 | 12 | 14 | 9 | 0 | 0 | 1 | 4 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 11 |
| July | 7.47 | 1.71 | .0 | 4.9 | 5.4 | se. | 30 | sw. | 0 | 10 | 13 | 8 | 12 | 12 | 0 | 0 | 1 | 4 | 2 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 15 |
| August | 3.34 | 1.55 | .0 | 4.1 | 5.5 | s. | 18 | sw. | 0 | 15 | 12 | 4 | 10 | 7 | 0 | 0 | 0 | 10 | 4 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 10 |
| September | 3.61 | 1.06 | .4 | 6.0 | 5.7 | se. | 19 | sw. | 0 | 10 | 7 | 13 | 14 | 12 | 3 | 2 | 0 | 12 | 4 | 4 | 2 | 0 | 0 | 0 | 5 | 0 | 7 |
| October | 2.63 | 2.05 | T | 3.7 | 5.8 | nw. | 21 | w. | 0 | 17 | 8 | 6 | 8 | 6 | 4 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 2 |
| November | 1.78 | .51 | 12.8 | 6.7 | 7.4 | se. | 23 | s. | 0 | 7 | 6 | 17 | 9 | 7 | 8 | 5 | 0 | 8 | 2 | 1 | 1 | 5 | 0 | 0 | 23 | 0 | 0 |
| December | 1.12 | .52 | 10.2 | 7.0 | 6.5 | n. | 19 | nw. | 0 | 9 | 2 | 20 | 8 | 4 | 18 | 5 | 0 | 8 | 4 | 3 | 3 | 26 | 0 | 0 | 31 | 6 | 0 |
| Year | 38.39 | 3.31 | 48.9 | 5.7 | 6.5 | se. | 30 | sw. | 0 | 119 | 101 | 145 | 108 | 84 | 71 | 22 | 5 | 90 | 30 | 21 | 15 | 63 | 6 | 1 | 158 | 20 | 56 |

CHARLESTON, S. C.

Airport [$H$=41 ft.; $H_b$=48 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=30 ft.] City [$H$=9 ft.; $H_b$=48 ft.; $H_t$=11 ft. $H_r$=3 ft.; $H_a$=92 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.88 | 1.89 | 0.0 | 4.6 | 9.9 | n. | 29 | e. | 0 | 14 | 8 | 9 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 |
| February | 2.94 | .64 | T | 6.2 | 10.1 | nw. | 33 | s. | 1 | 8 | 7 | 13 | 8 | 8 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| March | 4.92 | 1.40 | .0 | 5.8 | 11.1 | sw. | 44 | se. | 2 | 9 | 10 | 12 | 12 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | .85 | .82 | .0 | 3.7 | 9.8 | s. | 33 | n. | 1 | 15 | 12 | 3 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 2.70 | .72 | .0 | 4.2 | 9.7 | s. | 31 | se. | 0 | 18 | 5 | 8 | 7 | 5 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| June | 5.30 | 1.12 | .0 | 5.2 | 10.1 | se. | 36 | nw. | 1 | 13 | 8 | 9 | 11 | 11 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 8 | 2 | 0 | 0 | 7 |
| July | 7.37 | 2.62 | .0 | 4.5 | 8.5 | sw. | 33 | nw. | 1 | 14 | 11 | 6 | 12 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 9 | 0 | 0 | 12 |
| August | 4.65 | 1.84 | .0 | 4.4 | 10.1 | s. | 29 | nw. | 0 | 16 | 10 | 5 | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 3 | 0 | 0 | 6 |
| September | 5.23 | 2.58 | .0 | 4.7 | 8.9 | s. | 26 | ne. | 0 | 14 | 8 | 8 | 11 | 9 | 0 | 0 | 0 | 5 | 3 | 1 | 1 | 0 | 7 | 2 | 0 | 0 | 2 |
| October | .01 | .01 | .0 | 3.2 | 9.9 | n. | 22 | e. | 0 | 20 | 7 | 4 | 1 | 0 | 0 | 0 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 1.56 | 1.44 | .0 | 2.0 | 10.2 | n. | 25 | n. | 0 | 26 | 1 | 3 | 5 | 3 | 0 | 0 | 0 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| December | 2.96 | .69 | .0 | 4.9 | 11.3 | n. | 34 | sw. | 3 | 15 | 5 | 11 | 12 | 10 | 0 | 0 | 0 | 6 | 6 | 3 | 2 | 0 | 0 | 0 | 5 | 0 | 0 |
| Year | 41.37 | 2.62 | T | 4.4 | 10.0 | s. | 44 | se. | 9 | 182 | 92 | 91 | 98 | 82 | 1 | 0 | 1 | 25 | 17 | 6 | 4 | 0 | 47 | 16 | 14 | 0 | 35 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

CHARLOTTE, N. C.

Airport [$\phi$=35°14′ N.; $\lambda$=80°56′ W.] City [$\phi$=35°13′ N.; $\lambda$=80°51′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 29.25 | 30.10 | 29.72 | 28.70 | 37.1 | 32.8 | 48.9 | 42.6 | 34.2 | 30.8 | 40.7 | 37.7 | 52.0 | 32.6 | 42.3 | 69 | 11 | 30 | 28 | 30 | 31 | 30 | 76 | 81 | 50 | 63 | 67 |
| February | 29.13 | 29.98 | 29.56 | 28.53 | 35.0 | 31.7 | 44.9 | 41.2 | 31.9 | 29.4 | 37.9 | 35.9 | 48.8 | 31.6 | 40.2 | 64 | 18 | 27 | 25 | 28 | 27 | 27 | 70 | 75 | 52 | 58 | 64 |
| March | 29.09 | 29.92 | 29.39 | 28.24 | 47.2 | 44.2 | 59.7 | 54.5 | 43.2 | 41.4 | 49.0 | 47.5 | 63.1 | 43.4 | 53.2 | 80 | 29 | 38 | 38 | 37 | 40 | 38 | 73 | 79 | 48 | 61 | 65 |
| April | 29.26 | 30.09 | 29.58 | 28.79 | 55.5 | 52.8 | 73.4 | 67.3 | 49.5 | 48.6 | 56.8 | 55.3 | 76.9 | 51.3 | 64.1 | 89 | 33 | 44 | 44 | 43 | 45 | 44 | 65 | 74 | 35 | 47 | 55 |
| May | 29.22 | 30.04 | 29.45 | 28.95 | 63.1 | 63.2 | 77.6 | 72.0 | 59.7 | 60.2 | 64.9 | 63.7 | 80.4 | 60.6 | 70.5 | 90 | 51 | 57 | 58 | 57 | 59 | 58 | 82 | 84 | 52 | 66 | 71 |
| June | 29.16 | 29.97 | 29.43 | 28.94 | 71.0 | 71.9 | 84.2 | 79.2 | 67.6 | 68.4 | 71.7 | 70.9 | 88.3 | 69.0 | 78.6 | 97 | 60 | 66 | 66 | 66 | 67 | 66 | 85 | 84 | 56 | 68 | 73 |
| July | 29.22 | 30.03 | 29.40 | 29.03 | 73.4 | 74.1 | 87.0 | 81.8 | 70.4 | 70.8 | 74.9 | 73.7 | 90.4 | 71.8 | 81.1 | 99 | 66 | 69 | 69 | 70 | 70 | 70 | 87 | 85 | 59 | 70 | 75 |
| August | 29.24 | 30.05 | 29.53 | 29.02 | 71.0 | 70.8 | 83.3 | 77.3 | 68.5 | 68.3 | 71.8 | 70.7 | 86.6 | 68.9 | 77.8 | 98 | 55 | 67 | 67 | 66 | 68 | 67 | 88 | 88 | 58 | 73 | 77 |
| September | 29.24 | 30.05 | 29.65 | 28.90 | 66.6 | 65.3 | 80.4 | 72.7 | 63.9 | 63.2 | 68.5 | 66.9 | 82.8 | 63.5 | 73.2 | 94 | 40 | 62 | 62 | 62 | 64 | 63 | 86 | 88 | 56 | 75 | 76 |
| October | 29.22 | 30.05 | 29.61 | 28.83 | 58.1 | 54.1 | 71.0 | 63.0 | 53.2 | 51.9 | 59.9 | 57.6 | 73.2 | 53.6 | 63.4 | 82 | 35 | 51 | 50 | 52 | 54 | 52 | 82 | 86 | 54 | 73 | 74 |
| November | 29.30 | 30.14 | 29.65 | 28.84 | 48.1 | 43.6 | 61.1 | 52.9 | 44.3 | 41.6 | 51.1 | 47.3 | 63.3 | 43.3 | 53.3 | 79 | 29 | 40 | 39 | 41 | 41 | 40 | 72 | 84 | 51 | 67 | 68 |
| December | 29.26 | 30.12 | 29.77 | 28.43 | 37.2 | 34.9 | 46.4 | 41.4 | 34.9 | 33.1 | 41.2 | 38.4 | 50.0 | 33.0 | 41.5 | 70 | 15 | 31 | 30 | 35 | 34 | 32 | 79 | 82 | 66 | 75 | 76 |
| Year | 29.22 | 30.04 | 29.77 | 28.24 | 55.1 | 53.3 | 68.2 | 62.2 | 51.8 | 50.6 | 57.4 | 56.3 | 71.3 | 51.9 | 61.6 | 99 | 11 | 48 | 48 | 49 | 50 | 49 | 79 | 82 | 53 | 66 | 70 |

CHATTANOOGA, TENN.

Airport [$\phi$=35°02′ N.; $\lambda$=85°12′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 29.32 | 30.16 | (1) 29.71 | (1) 28.73 | 32.8 | 29.5 | 44.8 | 40.5 | 30.8 | 27.9 | 37.9 | 35.9 | 49.8 | 25.4 | 37.6 | 69 | 6 | 27 | 25 | 28 | 29 | 27 | 80 | 82 | 53 | 65 | 70 |
| February | 29.22 | 30.06 | 29.64 | 28.60 | 33.6 | 31.7 | 42.6 | 39.9 | 31.3 | 30.0 | 37.1 | 35.4 | 46.6 | 28.6 | 37.6 | 60 | 15 | 28 | 27 | 29 | 28 | 28 | 77 | 82 | 59 | 63 | 70 |
| March | 29.14 | 29.96 | 29.41 | 28.55 | 44.5 | 41.1 | 58.9 | 55.4 | 41.9 | 39.7 | 48.8 | 47.1 | 62.6 | 37.7 | 50.2 | 79 | 22 | 39 | 38 | 38 | 38 | 38 | 81 | 88 | 50 | 54 | 68 |
| April | 29.28 | 30.10 | 29.57 | 28.88 | 53.1 | 49.3 | 72.6 | 67.8 | 48.9 | 47.0 | 56.6 | 55.3 | 76.5 | 45.8 | 61.2 | 93 | 30 | 45 | 45 | 43 | 45 | 44 | 75 | 84 | 37 | 45 | 60 |
| May | 29.22 | 30.02 | 29.44 | 28.92 | 61.8 | 60.8 | 76.3 | 74.3 | 58.3 | 58.0 | 63.7 | 63.5 | 80.7 | 56.3 | 68.5 | 92 | 41 | 56 | 56 | 56 | 57 | 56 | 82 | 84 | 52 | 56 | 69 |
| June | 29.17 | 29.96 | 29.38 | 28.96 | 70.5 | 70.5 | 84.6 | 81.4 | 67.8 | 67.9 | 71.3 | 71.5 | 88.5 | 65.9 | 77.2 | 95 | 54 | 66 | 67 | 65 | 67 | 66 | 87 | 88 | 53 | 63 | 73 |
| July | 29.26 | 30.05 | 29.43 | 29.06 | 71.9 | 72.4 | 87.6 | 81.8 | 70.1 | 70.3 | 74.3 | 73.4 | 90.5 | 68.5 | 79.5 | 98 | 59 | 69 | 69 | 69 | 70 | 69 | 92 | 90 | 55 | 68 | 76 |
| August | 29.25 | 30.05 | 29.49 | 29.07 | 69.1 | 68.4 | 83.2 | 77.5 | 67.9 | 67.2 | 72.2 | 71.9 | 86.4 | 65.7 | 76.0 | 95 | 53 | 67 | 67 | 67 | 69 | 68 | 94 | 94 | 61 | 77 | 81 |
| September | 29.26 | 30.07 | 29.64 | 28.90 | 62.5 | 60.8 | 77.7 | 70.9 | 61.3 | 59.6 | 66.2 | 65.9 | 81.3 | 57.9 | 69.6 | 92 | 37 | 60 | 59 | 60 | 63 | 60 | 93 | 93 | 56 | 77 | 80 |
| October | 29.24 | 30.06 | 29.52 | 28.82 | 53.7 | 50.4 | 70.6 | 62.2 | 51.6 | 49.4 | 59.0 | 56.6 | 73.5 | 47.2 | 60.4 | 83 | 26 | 50 | 48 | 51 | 53 | 50 | 88 | 93 | 52 | 72 | 76 |
| November | 29.32 | 30.15 | 29.60 | 28.94 | 47.0 | 43.0 | 61.1 | 53.5 | 43.5 | 41.2 | 50.9 | 47.6 | 63.7 | 39.3 | 51.5 | 79 | 21 | 40 | 39 | 41 | 41 | 40 | 76 | 86 | 50 | 65 | 69 |
| December | 29.30 | 30.13 | 29.71 | 28.46 | 37.1 | 36.2 | 44.3 | 40.6 | 35.4 | 34.8 | 40.1 | 38.0 | 47.9 | 31.4 | 39.6 | 65 | 13 | 33 | 32 | 34 | 34 | 34 | 85 | 86 | 70 | 78 | 80 |
| Year | 29.25 | 30.06 | 29.71 | 28.46 | 53.1 | 51.2 | 67.6 | 62.2 | 50.7 | 49.4 | 56.5 | 55.2 | 70.7 | 47.5 | 59.1 | 98 | 6 | 48 | 48 | 48 | 50 | 48 | 84 | 88 | 54 | 65 | 73 |

CHEYENNE, WYO.

Airport [$\phi$=41°09′ N.; $\lambda$=104°49′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 24.02 | 30.22 | (1) 24.44 | (1) 23.60 | 20.0 | 19.9 | 31.7 | 27.9 | 16.9 | 16.3 | 25.1 | 22.9 | 37.2 | 12.0 | 24.6 | 59 | −27 | 10 | 8 | 15 | 15 | 12 | 65 | 59 | 50 | 59 | 58 |
| February | 23.84 | 30.03 | 24.06 | 23.51 | 17.9 | 16.2 | 27.5 | 26.2 | 15.6 | 13.9 | 22.4 | 21.8 | 31.6 | 11.1 | 21.4 | 50 | −12 | 10 | 8 | 13 | 14 | 11 | 71 | 70 | 54 | 59 | 64 |
| March | 23.86 | 29.95 | 24.24 | 23.47 | 27.4 | 25.1 | 38.9 | 37.9 | 23.7 | 21.8 | 30.0 | 29.8 | 43.7 | 20.4 | 32.0 | 58 | 10 | 18 | 16 | 17 | 18 | 17 | 65 | 67 | 42 | 45 | 55 |
| April | 23.89 | 29.85 | 24.30 | 23.50 | 39.9 | 35.9 | 53.0 | 51.9 | 35.4 | 32.9 | 41.1 | 41.3 | 57.7 | 32.4 | 45.0 | 75 | 24 | 30 | 29 | 29 | 31 | 30 | 71 | 77 | 46 | 50 | 61 |
| May | 23.94 | 29.88 | 24.29 | 23.55 | 42.5 | 38.5 | 56.0 | 56.1 | 39.1 | 35.9 | 44.1 | 44.4 | 61.9 | 35.5 | 48.7 | 84 | 24 | 36 | 33 | 34 | 34 | 34 | 79 | 82 | 47 | 50 | 64 |
| June | 23.95 | 29.87 | 24.43 | 23.76 | 53.5 | 49.1 | 65.5 | 65.5 | 50.2 | 46.4 | 53.5 | 54.8 | 70.6 | 46.5 | 58.6 | 81 | 33 | 48 | 44 | 46 | 48 | 46 | 83 | 84 | 51 | 56 | 68 |
| July | 24.14 | 29.99 | 24.39 | 23.97 | 60.4 | 55.3 | 80.2 | 75.6 | 53.6 | 50.0 | 58.9 | 58.8 | 84.9 | 53.0 | 69.0 | 94 | 44 | 49 | 46 | 46 | 49 | 48 | 69 | 74 | 32 | 45 | 55 |
| August | 24.09 | 29.93 | 24.34 | 23.85 | 58.6 | 54.0 | 75.3 | 72.8 | 52.4 | 48.9 | 57.2 | 57.0 | 79.9 | 51.2 | 65.6 | 87 | 43 | 48 | 45 | 46 | 48 | 47 | 70 | 74 | 38 | 44 | 56 |
| September | 24.07 | 29.98 | 24.31 | 23.75 | 48.1 | 45.1 | 65.1 | 62.7 | 43.5 | 40.7 | 50.0 | 49.1 | 69.5 | 41.1 | 55.3 | 83 | 18 | 40 | 36 | 39 | 39 | 38 | 74 | 74 | 43 | 46 | 59 |
| October | 24.03 | 30.02 | 24.38 | 23.59 | 39.8 | 38.3 | 54.9 | 51.5 | 35.7 | 34.5 | 42.7 | 41.4 | 59.8 | 32.8 | 46.3 | 81 | 17 | 31 | 30 | 32 | 32 | 31 | 73 | 75 | 46 | 53 | 62 |
| November | 23.93 | 29.99 | 24.36 | 23.36 | 31.9 | 32.2 | 44.1 | 37.3 | 27.1 | 27.1 | 34.2 | 30.5 | 49.1 | 23.0 | 36.0 | 68 | 3 | 20 | 19 | 22 | 22 | 21 | 63 | 61 | 45 | 55 | 56 |
| December | 23.93 | 30.06 | 24.28 | 23.58 | 27.8 | 26.8 | 39.1 | 32.1 | 23.8 | 23.0 | 31.0 | 27.1 | 43.1 | 20.2 | 31.6 | 59 | −1 | 18 | 17 | 20 | 20 | 19 | 66 | 67 | 46 | 61 | 60 |
| Year | 23.98 | 29.98 | 24.44 | 23.36 | 39.0 | 36.4 | 52.6 | 49.8 | 34.8 | 32.6 | 40.8 | 39.9 | 57.4 | 31.6 | 44.5 | 94 | −27 | 30 | 28 | 30 | 31 | 30 | 71 | 72 | 45 | 52 | 60 |

CHICAGO, ILL.

Airport [$\phi$=41°47′ N.; $\lambda$=87°44′ W.] City [$\phi$=41°47′ N.; $\lambda$=87°36′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 29.32 | 30.08 | (1) 29.88 | (1) 28.42 | ------ | 23.3 | 28.6 | 27.3 | ------ | 21.8 | 25.7 | 24.8 | 31.6 | 19.7 | 25.6 | 50 | −13 | ---- | 18 | 19 | 20 | 19 | ---- | 80 | 67 | 71 | 73 |
| February | 29.34 | 30.09 | 29.65 | 28.75 | ------ | 24.3 | 28.1 | 27.9 | ------ | 22.4 | 25.4 | 25.4 | 30.5 | 22.6 | 26.6 | 40 | 2 | ---- | 18 | 19 | 20 | 19 | ---- | 75 | 68 | 70 | 71 |
| March | 29.11 | 29.85 | 29.51 | 28.42 | ------ | 35.8 | 41.5 | 41.6 | ------ | 32.9 | 36.4 | 37.2 | 45.3 | 33.8 | 39.6 | 66 | 26 | ---- | 29 | 29 | 31 | 30 | ---- | 75 | 64 | 68 | 69 |
| April | 29.35 | 30.08 | 29.70 | 28.89 | ------ | 48.1 | 59.2 | 55.4 | ------ | 43.2 | 48.8 | 47.1 | 62.9 | 44.9 | 53.9 | 91 | 28 | ---- | 38 | 40 | 39 | 39 | ---- | 68 | 51 | 58 | 59 |
| May | 29.25 | 29.98 | 29.62 | 28.79 | ------ | 55.9 | 65.3 | 60.9 | ------ | 52.1 | 56.0 | 53.7 | 68.6 | 50.4 | 59.5 | 95 | 39 | ---- | 49 | 49 | 48 | 49 | ---- | 78 | 58 | 66 | 67 |
| June | 29.25 | 29.96 | 29.50 | 28.84 | ------ | 64.3 | 71.0 | 68.9 | ------ | 60.7 | 63.5 | 62.5 | 75.2 | 61.1 | 68.2 | 94 | 50 | ---- | 58 | 59 | 58 | 58 | ---- | 82 | 67 | 72 | 74 |
| July [3] | 29.28 | 29.94 | 29.44 | 29.08 | 69.5 | 68.3 | 81.2 | 78.4 | 65.4 | 64.8 | 68.4 | 67.5 | 85.1 | 65.2 | 75.2 | 100 | 53 | 63 | 63 | 62 | 62 | 62 | 81 | 83 | 53 | 58 | 69 |
| August | 29.30 | 29.96 | 29.58 | 29.08 | 66.5 | 64.4 | 79.5 | 75.6 | 63.3 | 62.1 | 67.9 | 66.9 | 82.3 | 62.3 | 72.3 | 93 | 48 | 61 | 61 | 62 | 62 | 61 | 84 | 88 | 56 | 64 | 73 |
| September | 29.30 | 29.97 | 29.77 | 28.97 | 58.1 | 55.8 | 68.3 | 63.5 | 55.6 | 53.9 | 59.5 | 58.3 | 72.1 | 52.8 | 62.4 | 90 | 29 | 54 | 52 | 53 | 54 | 53 | 85 | 88 | 60 | 73 | 77 |
| October | 29.27 | 29.95 | 29.63 | 28.58 | 49.3 | 46.2 | 60.3 | 54.5 | 46.0 | 44.3 | 51.2 | 48.7 | 63.4 | 43.2 | 53.3 | 83 | 22 | 42 | 42 | 43 | 43 | 43 | 78 | 86 | 55 | 66 | 71 |
| November | 29.28 | 29.96 | 29.76 | 28.60 | 38.8 | 37.0 | 45.3 | 42.4 | 36.4 | 35.2 | 40.4 | 39.2 | 49.5 | 32.3 | 40.9 | 73 | 15 | 33 | 33 | 34 | 35 | 34 | 81 | 84 | 66 | 76 | 77 |
| December | 29.33 | 30.04 | 29.90 | 28.72 | 21.9 | 19.9 | 26.8 | 24.2 | 21.1 | 19.2 | 25.2 | 23.0 | 30.2 | 15.7 | 23.0 | 54 | −2 | 19 | 18 | 22 | 20 | 20 | 88 | 90 | 81 | 84 | 86 |
| Year | 29.28 | 29.99 | 29.90 | 28.42 | ------ | 45.3 | 54.6 | 51.7 | ------ | 42.7 | 47.4 | 46.2 | 58.1 | 42.0 | 50.0 | 100 | −13 | ---- | 40 | 41 | 41 | 41 | ---- | 81 | 62 | 69 | 72 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Charlotte, N. C., 779 feet; Chattanooga, Tenn., 762 feet; Cheyenne, Wyo., 6,094 feet; Chicago, Ill., 673 feet.

[2] Airport data.

[3] Airport data beginning July 1.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

CHARLOTTE, N. C.

Airport [$H$= 753 ft.; $H_b$= 769 ft.; $H_l$=4 ft.; $H_r$=3 ft.; $H_a$=85 ft.] City [$H$=741 ft.; $H_b$=779 ft.; $H_l$=63 ft.; $H_r$=55 ft.; $H_a$=86 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *Ins.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.86 | 0.58 | 1.4 | 5.7 | 6.9 | sw. | 26 | sw. | 0 | 9 | 10 | 12 | 10 | 7 | 4 | 2 | 0 | 3 | 1 | 0 | 0 | 3 | 0 | 0 | 11 | 0 | 0 |
| February | 4.91 | 2.51 | 8.1 | 5.2 | 7.3 | nw. | 24 | sw. | 0 | 10 | 7 | 11 | 8 | 6 | 5 | 3 | 0 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 17 | 0 | 1 |
| March | 6.30 | 1.87 | 2.9 | 5.4 | 8.9 | sw. | 31 | sw. | 0 | 10 | 8 | 13 | 14 | 9 | 2 | 1 | 0 | 7 | 2 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 2 |
| April | .88 | .88 | .0 | 3.6 | 7.0 | sw. | 26 | w. | 0 | 17 | 8 | 5 | 2 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 6.58 | 2.84 | .0 | 6.2 | 6.3 | s. | 22 | s. | 0 | 6 | 13 | 12 | 10 | 10 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 7 |
| June | 6.82 | 2.87 | .0 | 6.0 | 6.1 | s. | 17 | sw. | 0 | 4 | 19 | 7 | 11 | 9 | 0 | 0 | 0 | 6 | 1 | 1 | 0 | 0 | 8 | 2 | 0 | 0 | 9 |
| July | 5.58 | 1.97 | .0 | 6.2 | 5.2 | sw. | 23 | n. | 0 | 7 | 9 | 15 | 10 | 8 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 18 | 7 | 0 | 0 | 12 |
| August | 3.48 | 1.66 | .0 | 6.8 | 6.2 | sw. | 24 | sw. | 0 | 5 | 13 | 13 | 13 | 10 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 8 | 3 | 0 | 0 | 7 |
| September | 4.79 | 1.93 | .0 | 5.1 | 5.6 | sw. | 23 | sw. | 0 | 11 | 12 | 7 | 9 | 7 | 0 | 0 | 0 | 6 | 3 | 3 | 3 | 0 | 8 | 0 | 0 | 0 | 3 |
| October | 2.13 | 1.02 | .0 | 4.6 | 6.2 | n. | 22 | sw. | 0 | 12 | 10 | 9 | 7 | 6 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 2.22 | 1.04 | .0 | 4.3 | 6.3 | ne. | 18 | nw. | 0 | 14 | 7 | 9 | 6 | 4 | 0 | 0 | 0 | 6 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 1 |
| December | 4.42 | .98 | .6 | 6.4 | 7.4 | ne. | 34 | w. | 1 | 8 | 7 | 16 | 14 | 12 | 3 | 1 | 1 | 16 | 8 | 5 | 5 | 1 | 0 | 0 | 11 | 0 | 1 |
| Year | 49.97 | 2.87 | 13.0 | 5.5 | 6.6 | sw. | 34 | w. | 1 | 113 | 123 | 129 | 114 | 89 | 14 | 7 | 1 | 74 | 19 | 13 | 14 | 4 | 43 | 12 | 44 | 0 | 44 |

CHATTANOOGA, TENN.

Airport [$H$=670 ft.; $H_b$=688 ft.; $H_l$=6 ft.; $H_r$=3 ft.; $H_a$=66 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.45 | 1.45 | 0.2 | 5.8 | 6.7 | s. | 28 | w. | 0 | 9 | 9 | 13 | 8 | 5 | 2 | 1 | 1 | 14 | 0 | 0 | 0 | 3 | 0 | 0 | 26 | 0 | 2 |
| February | 4.07 | 2.06 | .5 | 7.1 | 7.8 | nw. | 35 | w. | 2 | 7 | 3 | 18 | 7 | 6 | 3 | 1 | 1 | 7 | 1 | 1 | 1 | 0 | 0 | 0 | 21 | 0 | 2 |
| March | 6.09 | 1.80 | T | 6.3 | 8.5 | s. | 36 | sw. | 5 | 9 | 6 | 16 | 15 | 11 | 3 | 3 | 0 | 15 | 5 | 4 | 3 | 0 | 0 | 0 | 9 | 0 | 5 |
| April | .44 | .42 | 0 | 4.9 | 6.2 | s. | 28 | nw. | 0 | 11 | 11 | 8 | 3 | 1 | 0 | 0 | 0 | 6 | 2 | 1 | 1 | 0 | 1 | 0 | 2 | 0 | 3 |
| May | 4.15 | 1.53 | 0 | 6.2 | 6.0 | s. | 33 | w. | 1 | 8 | 9 | 14 | 9 | 9 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| June | 4.59 | 1.51 | 0 | 6.2 | 5.3 | s. | 40 | nw. | 2 | 5 | 13 | 12 | 11 | 10 | 0 | 0 | 0 | 10 | 0 | 0 | 1 | 0 | 13 | 1 | 0 | 0 | 13 |
| July | 5.03 | 1.12 | 0 | 6.4 | 4.9 | s. | 39 | sw. | 1 | 2 | 19 | 10 | 11 | 9 | 0 | 0 | 0 | 17 | 5 | 5 | 4 | 0 | 17 | 4 | 0 | 0 | 16 |
| August | 3.96 | 1.00 | 0 | 6.1 | 4.3 | s. | 23 | n. | 0 | 7 | 11 | 13 | 12 | 11 | 0 | 0 | 0 | 18 | 8 | 6 | 5 | 0 | 10 | 2 | 0 | 0 | 9 |
| September | 3.87 | 1.72 | 0 | 5.6 | 4.7 | ne. | 24 | ne. | 0 | 10 | 9 | 11 | 9 | 8 | 0 | 0 | 0 | 19 | 9 | 11 | 11 | 0 | 3 | 0 | 0 | 0 | 4 |
| October | 2.18 | .50 | 0 | 4.4 | 5.2 | s. | 23 | n. | 0 | 15 | 6 | 10 | 9 | 7 | 0 | 0 | 0 | 18 | 10 | 8 | 6 | 0 | 0 | 0 | 3 | 0 | 3 |
| November | 1.89 | 1.06 | 0 | 5.0 | 6.1 | s. | 24 | n. | 0 | 10 | 10 | 10 | 6 | 4 | 0 | 0 | 0 | 10 | 5 | 3 | 4 | 0 | 0 | 0 | 7 | 0 | 1 |
| December | 11.69 | 5.25 | T | 7.5 | 7.6 | ne. | 36 | nw. | 1 | 4 | 8 | 19 | 14 | 13 | 1 | 0 | 0 | 19 | 8 | 8 | 6 | 0 | 0 | 0 | 19 | 0 | 3 |
| Year | 51.41 | 5.25 | .7 | 6.0 | 6.1 | s. | 40 | nw. | 12 | 97 | 114 | 154 | 114 | 94 | 9 | 5 | 2 | 162 | 53 | 47 | 42 | 3 | 45 | 7 | 87 | 0 | 69 |

CHEYENNE, WYO.

Airport [$H$=6,144 ft.; $H_b$=6,144 ft.; $H_l$=4 ft.; $H_r$=4 ft.; $H_a$=40 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.77 | 0.23 | 11.5 | 5.2 | 12.1 | nw. | 34 | nw. | 4 | 9 | 11 | 11 | 7 | 7 | 11 | 7 | 0 | 4 | 0 | 1 | 1 | 9 | 0 | 0 | 30 | 8 | 0 |
| February | .58 | .19 | 7.4 | 6.5 | 11.6 | nw. | 43 | nw. | 3 | 5 | 10 | 13 | 8 | 6 | 14 | 8 | 0 | 12 | 5 | 4 | 2 | 13 | 0 | 0 | 28 | 6 | 0 |
| March | 1.02 | .61 | 10.9 | 5.3 | 15.2 | nw. | 39 | nw. | 9 | 9 | 12 | 10 | 9 | 6 | 15 | 9 | 0 | 6 | 1 | 3 | 3 | 4 | 0 | 0 | 30 | 0 | 0 |
| April | 5.04 | 1.81 | 22.0 | 7.3 | 13.5 | nw. | 42 | n. | 7 | 4 | 8 | 18 | 12 | 9 | 8 | 4 | 1 | 12 | 10 | 5 | 4 | 0 | 0 | 0 | 15 | 0 | 2 |
| May | 3.27 | 2.00 | 21.5 | 6.6 | 10.8 | nw. | 37 | nw. | 2 | 4 | 14 | 13 | 11 | 8 | 11 | 4 | 0 | 13 | 5 | 5 | 3 | 0 | 0 | 0 | 13 | 0 | 6 |
| June | 2.48 | 1.16 | .5 | 6.1 | 9.8 | s. | 31 | w. | 0 | 7 | 13 | 10 | 17 | 11 | 1 | 1 | 7 | 8 | 6 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 12 |
| July | 1.07 | .25 | 0 | 4.7 | 8.8 | nw. | 35 | nw. | 3 | 9 | 17 | 5 | 15 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 17 |
| August | 2.06 | .85 | 0 | 5.2 | 8.2 | s. | 42 | nw. | 2 | 7 | 17 | 7 | 11 | 8 | 0 | 0 | 2 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 11 |
| September | 1.70 | 1.10 | 4.8 | 5.1 | 10.4 | w. | 42 | n. | 1 | 9 | 14 | 7 | 6 | 4 | 2 | 1 | 1 | 7 | 4 | 3 | 0 | 0 | 0 | 0 | 4 | 0 | 2 |
| October | 3.57 | 1.35 | 6.3 | 5.2 | 10.1 | nw. | 41 | nw. | 2 | 12 | 10 | 9 | 7 | 7 | 5 | 2 | 1 | 7 | 4 | 1 | 2 | 1 | 0 | 0 | 10 | 0 | 3 |
| November | 1.91 | .75 | 18.2 | 5.5 | 12.5 | nw. | 49 | nw. | 9 | 7 | 15 | 8 | 8 | 6 | 12 | 8 | 0 | 3 | 1 | 1 | 1 | 1 | 0 | 0 | 25 | 0 | 0 |
| December | .22 | .10 | 4.3 | 6.0 | 13.6 | nw. | 46 | nw. | 13 | 7 | 11 | 13 | 5 | 2 | 10 | 5 | 0 | 6 | 5 | 5 | 4 | 6 | 0 | 0 | 28 | 1 | 0 |
| Year | 23.69 | 2.00 | 107.4 | 5.7 | 11.4 | nw. | 49 | nw. | 55 | 89 | 152 | 124 | 116 | 80 | 89 | 49 | 15 | 81 | 44 | 36 | 27 | 34 | 6 | 0 | 183 | 15 | 53 |

CHICAGO, ILL.

Airport [$H$=608 ft.; $H_b$=623 ft.; $H_l$=5 ft.; $H_r$=17 ft.; $H_a$=36 ft.] City [$H$=594 ft.; $H_b$=673 ft.; $H_l$=7 ft.; $H_r$=3 ft.; $H_a$=131 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.39 | 0.84 | 4.6 | 6.5 | 11.8 | sw. | 32 | n. | 1 | 9 | 6 | 16 | 6 | 3 | 11 | 4 | 0 | 4 | 6 | 6 | 0 | 10 | 0 | 0 | 21 | 7 | 0 |
| February | 3.03 | 1.98 | 9.2 | 8.3 | 10.3 | nw. | 29 | ne. | 0 | 2 | 5 | 21 | 10 | 8 | 18 | 7 | 0 | 4 | 6 | 3 | 1 | 17 | 0 | 0 | 25 | 0 | 0 |
| March | 2.68 | 1.42 | 9.1 | 7.9 | 11.4 | w. | 36 | nw. | 2 | 4 | 6 | 21 | 16 | 11 | 12 | 8 | 1 | 6 | 5 | 2 | 1 | 0 | 0 | 0 | 12 | 0 | 1 |
| April | 1.59 | 0.89 | T | 5.1 | 11.5 | ne. | 26 | s. | 0 | 12 | 9 | 9 | 4 | 3 | 3 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 3 |
| May | 4.50 | 1.84 | .0 | 7.6 | 10.4 | sw. | 33 | sw. | 1 | 3 | 9 | 19 | 18 | 15 | 0 | 0 | 0 | 6 | 5 | 3 | 1 | 0 | 2 | 1 | 0 | 0 | 9 |
| June | 1.87 | 0.79 | .0 | 7.1 | 8.0 | ne. | 25 | nw. | 0 | 3 | 13 | 14 | 10 | 6 | 0 | 0 | 0 | 8 | 5 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 8 |
| July | 4.01 | 1.38 | .0 | 5.2 | 7.7 | sw. | 34 | sw. | 1 | 8 | 15 | 8 | 10 | 8 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 8 | 3 | 0 | 0 | 10 |
| August | 3.61 | 1.05 | .0 | 5.4 | 7.3 | sw. | 34 | nw. | 1 | 11 | 7 | 13 | 11 | 9 | 0 | 0 | 0 | 14 | 3 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 9 |
| September | 5.12 | 1.32 | T | 6.4 | 8.1 | s. | 28 | w. | 0 | 5 | 13 | 12 | 11 | 10 | 1 | 0 | 0 | 18 | 3 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 5 |
| October | 1.44 | 0.44 | T | 5.2 | 9.3 | w. | 32 | w. | 1 | 12 | 7 | 12 | 9 | 6 | 1 | 0 | 0 | 15 | 5 | 3 | 1 | 0 | 0 | 0 | 6 | 0 | 1 |
| November | 3.71 | 1.34 | 3.3 | 7.5 | 11.8 | s. | 34 | sw. | 2 | 4 | 8 | 18 | 13 | 12 | 6 | 4 | 1 | 18 | 6 | 3 | 4 | 1 | 0 | 0 | 14 | 0 | 2 |
| December | 2.71 | 1.59 | 10.1 | 7.6 | 10.8 | sw. | 32 | w. | 1 | 5 | 8 | 18 | 12 | 9 | 13 | 5 | 0 | 19 | 4 | 6 | 2 | 16 | 0 | 0 | 25 | 3 | 1 |
| Year | 35.66 | 1.98 | 36.3 | 6.6 | 9.9 | sw. | 36 | nw. | 10 | 78 | 106 | 181 | 130 | 100 | 65 | 28 | 3 | 121 | 49 | 32 | 12 | 44 | 15 | 4 | 107 | 10 | 49 |

## CINCINNATI, OHIO

Airport [$\phi$=39°06′ N.; $\lambda$=84° 25′ W.] City [$\phi$=39°09′ N.; $\lambda$=84° 31′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 29.42 | 30.13 | 29.87 | 28.60 | 27.9 | 26.0 | 36.5 | 32.7 | 26.3 | 24.6 | 32.0 | 29.8 | 39.2 | 23.4 | 31.3 | 61 | −7 | 23 | 22 | 25 | 25 | 24 | 80 | 83 | 61 | 72 | 74 |
| February | 29.36 | 30.06 | 29.79 | 28.54 | 28.2 | 27.0 | 35.1 | 32.8 | 26.6 | 25.6 | 31.3 | 29.8 | 36.8 | 24.0 | 30.4 | 52 | 5 | 24 | 23 | 24 | 25 | 24 | 82 | 84 | 64 | 70 | 75 |
| March | 29.21 | 29.89 | 29.58 | 28.35 | 41.7 | 39.4 | 51.9 | 49.1 | 38.3 | 36.9 | 43.9 | 42.7 | 55.1 | 36.6 | 45.8 | 78 | 28 | 34 | 34 | 34 | 35 | 34 | 76 | 80 | 56 | 61 | 68 |
| April | 29.41 | 30.09 | 29.66 | 28.93 | 48.8 | 47.2 | 68.1 | 63.7 | 45.2 | 44.3 | 53.8 | 52.4 | 68.3 | 45.8 | 57.0 | 89 | 32 | 42 | 41 | 42 | 42 | 42 | 78 | 82 | 41 | 49 | 62 |
| May | 29.34 | 30.01 | 29.65 | 28.93 | 57.8 | 57.8 | 72.3 | 69.3 | 55.1 | 55.1 | 61.3 | 60.5 | 74.2 | 54.5 | 64.4 | 90 | 39 | 53 | 53 | 54 | 55 | 54 | 86 | 85 | 55 | 62 | 72 |
| June | 29.30 | 29.96 | 29.56 | 29.00 | 66.9 | 66.8 | 80.9 | 76.9 | 65.2 | 64.7 | 69.4 | 69.4 | 82.6 | 63.4 | 73.0 | 93 | 52 | 64 | 63 | 64 | 66 | 64 | 92 | 89 | 57 | 70 | 77 |
| July | 29.35 | 30.01 | 29.52 | 29.18 | 70.3 | 70.7 | 84.8 | 81.5 | 68.1 | 68.1 | 71.5 | 72.0 | 86.8 | 67.3 | 77.0 | 95 | 54 | 67 | 67 | 65 | 68 | 67 | 89 | 88 | 54 | 64 | 74 |
| August | 29.37 | 30.04 | 29.64 | 29.10 | 67.6 | 66.4 | 81.5 | 76.2 | 65.8 | 64.7 | 69.9 | 69.5 | 82.8 | 64.2 | 73.5 | 93 | 48 | 65 | 64 | 64 | 66 | 65 | 91 | 92 | 57 | 72 | 78 |
| September | 29.39 | 30.06 | 29.86 | 29.05 | 59.5 | 58.5 | 75.2 | 68.5 | 57.9 | 56.7 | 63.6 | 63.1 | 76.5 | 56.3 | 66.4 | 91 | 32 | 57 | 55 | 56 | 60 | 57 | 92 | 90 | 53 | 74 | 77 |
| October | 29.37 | 30.04 | 29.62 | 28.80 | 51.0 | 48.1 | 65.6 | 58.4 | 48.7 | 46.6 | 55.3 | 53.1 | 67.5 | 47.1 | 57.3 | 84 | 25 | 46 | 45 | 47 | 49 | 47 | 85 | 90 | 54 | 71 | 75 |
| November | 29.41 | 30.10 | 29.79 | 28.88 | 45.6 | 42.5 | 51.3 | 47.6 | 41.9 | 40.3 | 45.2 | 43.1 | 54.8 | 38.8 | 46.8 | 75 | 20 | 38 | 37 | 38 | 38 | 38 | 74 | 83 | 63 | 70 | 72 |
| December | 29.41 | 30.11 | 29.94 | 28.65 | 29.5 | 29.0 | 35.5 | 33.1 | 28.2 | 27.8 | 32.8 | 31.2 | 37.5 | 24.8 | 31.2 | 65 | 2 | 26 | 26 | 28 | 28 | 27 | 85 | 86 | 73 | 80 | 81 |
| Year | 29.36 | 30.04 | 29.94 | 28.35 | 49.6 | 48.3 | 61.6 | 57.5 | 47.3 | 46.3 | 52.5 | 51.4 | 63.5 | 45.5 | 54.5 | 95 | −7 | 45 | 44 | 45 | 46 | 45 | 84 | 86 | 57 | 68 | 74 |

## CLEVELAND, OHIO

Airport [$\phi$=41°24′ N.; $\lambda$=81°51′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.20 | 30.06 | 29.63 | 28.37 | 25.5 | 23.9 | 31.7 | 28.3 | 23.8 | 22.4 | 28.3 | 26.4 | 34.8 | 19.8 | 27.3 | 53 | −9 | 20 | 19 | 22 | 23 | 21 | 79 | 82 | 68 | 79 | 77 |
| February | 29.17 | 30.02 | 29.63 | 28.48 | 23.2 | 20.8 | 27.8 | 26.0 | 22.2 | 20.1 | 25.3 | 24.6 | 30.4 | 17.9 | 24.2 | 47 | 0 | 20 | 18 | 20 | 22 | 20 | 86 | 90 | 72 | 81 | 82 |
| March | 29.02 | 29.86 | 29.43 | 28.01 | 36.2 | 34.9 | 42.6 | 40.0 | 33.6 | 32.5 | 37.6 | 36.5 | 47.4 | 30.9 | 39.2 | 69 | 18 | 30 | 29 | 31 | 32 | 31 | 79 | 80 | 67 | 74 | 75 |
| April | 29.24 | 30.07 | 29.50 | 28.74 | 46.5 | 47.2 | 61.1 | 56.3 | 42.6 | 43.1 | 49.4 | 47.4 | 64.2 | 40.9 | 52.6 | 88 | 27 | 39 | 39 | 38 | 39 | 39 | 75 | 74 | 48 | 56 | 63 |
| May | 29.18 | 30.00 | 29.52 | 28.82 | 56.4 | 57.3 | 67.2 | 63.4 | 52.7 | 52.7 | 57.1 | 56.1 | 71.6 | 52.3 | 62.0 | 89 | 39 | 50 | 49 | 49 | 50 | 50 | 79 | 74 | 56 | 65 | 69 |
| June | 29.15 | 29.96 | 29.44 | 28.84 | 64.4 | 66.0 | 77.4 | 73.7 | 61.1 | 62.2 | 65.6 | 64.8 | 80.5 | 60.7 | 70.6 | 92 | 51 | 59 | 60 | 59 | 60 | 59 | 84 | 81 | 55 | 63 | 71 |
| July | 29.19 | 29.99 | 29.38 | 28.98 | 67.2 | 68.7 | 80.6 | 78.2 | 63.6 | 64.4 | 68.2 | 67.6 | 84.2 | 63.5 | 73.8 | 96 | 53 | 62 | 62 | 62 | 62 | 62 | 82 | 80 | 54 | 59 | 69 |
| August | 29.23 | 30.04 | 29.54 | 28.94 | 64.4 | 65.3 | 78.1 | 72.5 | 61.6 | 62.3 | 66.7 | 65.8 | 81.0 | 61.0 | 71.0 | 88 | 50 | 60 | 60 | 60 | 62 | 61 | 86 | 85 | 56 | 71 | 74 |
| September | 29.23 | 30.05 | 29.70 | 28.84 | 58.0 | 57.9 | 71.8 | 65.1 | 55.2 | 55.0 | 60.6 | 59.4 | 74.8 | 53.4 | 64.1 | 90 | 32 | 54 | 53 | 53 | 55 | 54 | 84 | 83 | 53 | 71 | 73 |
| October | 29.19 | 30.02 | 29.58 | 28.59 | 51.3 | 48.7 | 60.7 | 55.1 | 47.5 | 45.9 | 52.0 | 50.3 | 63.7 | 45.7 | 54.7 | 81 | 25 | 44 | 43 | 44 | 46 | 44 | 77 | 82 | 58 | 72 | 72 |
| November | 29.22 | 30.06 | 29.70 | 28.68 | 41.1 | 39.6 | 46.1 | 43.1 | 37.8 | 37.2 | 40.5 | 39.4 | 50.8 | 34.4 | 42.6 | 70 | 22 | 33 | 34 | 34 | 34 | 34 | 74 | 80 | 63 | 72 | 72 |
| December | 29.21 | 30.07 | 29.75 | 28.45 | 26.1 | 24.7 | 28.9 | 27.6 | 24.7 | 23.6 | 26.9 | 26.2 | 32.3 | 21.3 | 26.8 | 52 | 1 | 22 | 21 | 23 | 23 | 22 | 82 | 86 | 78 | 82 | 82 |
| Year | 29.19 | 30.02 | 29.75 | 28.01 | 46.7 | 46.2 | 56.2 | 52.4 | 43.9 | 43.4 | 48.2 | 47.0 | 59.6 | 41.8 | 50.7 | 96 | −9 | 41 | 41 | 41 | 42 | 41 | 81 | 81 | 61 | 70 | 73 |

## COLUMBIA, MO.

Airport [$\phi$=38°58′ N.; $\lambda$=92°28′ W.] City [$\phi$=38°57′ N.; $\lambda$=92°20′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.30 | 30.17 | 29.82 | 28.65 | 27.3 | 23.9 | 35.5 | 32.6 | 25.2 | 22.7 | 30.8 | 28.7 | 41.3 | 20.9 | 31.1 | 69 | −6 | 21 | 20 | 23 | 22 | 21 | 76 | 83 | 61 | 63 | 71 |
| February | 29.20 | 30.07 | 29.51 | 28.50 | 29.4 | 26.3 | 35.0 | 33.4 | 28.1 | 25.4 | 31.9 | 30.9 | 39.7 | 25.2 | 32.4 | 62 | 6 | 26 | 24 | 27 | 27 | 26 | 85 | 89 | 72 | 75 | 80 |
| March | 29.04 | 29.89 | 29.51 | 28.43 | 40.5 | 37.2 | 50.3 | 46.9 | 36.8 | 34.5 | 42.5 | 40.7 | 54.7 | 35.9 | 45.3 | 75 | 25 | 32 | 31 | 34 | 33 | 32 | 74 | 79 | 55 | 62 | 67 |
| April | 29.18 | 30.01 | 29.55 | 28.79 | 55.0 | 50.6 | 65.6 | 64.8 | 48.9 | 46.6 | 54.3 | 54.3 | 70.9 | 50.0 | 60.4 | 90 | 33 | 43 | 43 | 45 | 46 | 44 | 66 | 75 | 52 | 54 | 62 |
| May | 29.12 | 29.95 | 29.44 | 28.70 | 58.8 | 56.1 | 69.2 | 68.2 | 55.3 | 53.5 | 60.0 | 59.5 | 74.1 | 54.0 | 64.0 | 91 | 38 | 52 | 52 | 54 | 53 | 53 | 81 | 86 | 59 | 61 | 72 |
| June | 29.10 | 29.92 | 29.32 | 28.76 | 68.5 | 67.0 | 76.7 | 77.1 | 65.7 | 64.8 | 68.5 | 69.4 | 82.5 | 64.9 | 73.7 | 94 | 45 | 64 | 64 | 64 | 66 | 64 | 86 | 89 | 68 | 69 | 78 |
| July | 29.17 | 29.99 | 29.41 | 28.96 | 73.3 | 71.3 | 84.8 | 84.5 | 69.6 | 68.3 | 73.7 | 74.5 | 89.3 | 69.1 | 79.2 | 99 | 60 | 68 | 67 | 69 | 70 | 69 | 84 | 87 | 60 | 63 | 73 |
| August | 29.17 | 29.99 | 29.40 | 29.03 | 69.8 | 65.9 | 81.4 | 79.6 | 66.3 | 64.2 | 71.5 | 71.1 | 85.0 | 65.9 | 75.4 | 98 | 54 | 65 | 63 | 67 | 67 | 66 | 84 | 91 | 63 | 67 | 76 |
| September | 29.19 | 30.02 | 29.68 | 28.96 | 62.0 | 58.6 | 73.1 | 69.7 | 58.3 | 56.4 | 63.3 | 62.2 | 77.3 | 58.0 | 67.6 | 93 | 33 | 56 | 55 | 57 | 57 | 56 | 80 | 87 | 60 | 66 | 73 |
| October | 29.17 | 30.01 | 29.48 | 28.57 | 52.4 | 48.3 | 65.6 | 59.4 | 48.7 | 46.1 | 54.8 | 52.0 | 68.8 | 46.6 | 57.7 | 83 | 24 | 45 | 44 | 46 | 45 | 45 | 77 | 85 | 51 | 60 | 68 |
| November | 29.17 | 30.02 | 29.62 | 28.58 | 43.3 | 41.1 | 52.3 | 48.2 | 40.3 | 38.5 | 45.6 | 43.8 | 56.8 | 38.3 | 47.6 | 80 | 21 | 37 | 35 | 39 | 39 | 37 | 78 | 80 | 62 | 72 | 73 |
| December | 29.24 | 30.10 | 29.74 | 28.70 | 27.8 | 27.1 | 34.3 | 31.6 | 26.5 | 26.3 | 31.7 | 29.8 | 38.5 | 24.1 | 31.3 | 69 | 6 | 24 | 24 | 28 | 27 | 26 | 85 | 89 | 76 | 82 | 83 |
| Year | 29.17 | 30.01 | 29.82 | 28.43 | 50.7 | 47.8 | 60.3 | 58.0 | 47.5 | 45.6 | 52.4 | 51.4 | 64.9 | 46.1 | 55.5 | 99 | −6 | 44 | 44 | 46 | 46 | 45 | 80 | 85 | 62 | 66 | 73 |

## COLUMBIA, S. C.

Airport [$\phi$=34°00′ N.;=81°03′ W.] City [$\phi$=34°00′ N.; $\lambda$=81°03′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.73 | 30.11 | 30.14 | 29.14 | 41.9 | 36.9 | 54.4 | 48.0 | 38.6 | 35.2 | 45.3 | 42.4 | 56.7 | 36.2 | 46.4 | 72 | 15 | 34 | 33 | 34 | 35 | 34 | 75 | 85 | 50 | 62 | 68 |
| February | 29.62 | 30.00 | 30.03 | 28.94 | 38.7 | 35.1 | 49.3 | 45.6 | 35.8 | 33.2 | 41.9 | 40.8 | 52.7 | 34.5 | 43.6 | 68 | 21 | 32 | 30 | 32 | 34 | 32 | 75 | 82 | 52 | 66 | 69 |
| March | 29.57 | 29.94 | 29.87 | 38.68 | 51.0 | 47.3 | 65.6 | 59.6 | 47.3 | 44.8 | 54.3 | 52.4 | 66.3 | 46.2 | 56.2 | 83 | 30 | 43 | 42 | 44 | 46 | 44 | 76 | 82 | 49 | 62 | 67 |
| April | 29.71 | 30.08 | 30.01 | 29.26 | 58.0 | 56.0 | 76.8 | 70.6 | 52.8 | 51.7 | 60.6 | 59.3 | 78.7 | 53.1 | 65.9 | 91 | 34 | 48 | 48 | 48 | 51 | 49 | 71 | 75 | 38 | 51 | 59 |
| May | 29.66 | 30.03 | 29.88 | 29.43 | 65.7 | 66.1 | 81.1 | 75.4 | 62.8 | 62.9 | 67.9 | 66.9 | 82.5 | 62.1 | 72.3 | 90 | 51 | 61 | 61 | 60 | 62 | 61 | 86 | 84 | 52 | 65 | 72 |
| June | 29.60 | 29.96 | 29.86 | 29.39 | 73.2 | 74.3 | 88.0 | 81.4 | 70.4 | 70.6 | 74.6 | 73.4 | 89.9 | 70.3 | 80.1 | 99 | 63 | 69 | 69 | 69 | 70 | 69 | 87 | 83 | 54 | 70 | 74 |
| July | 29.66 | 30.03 | 29.85 | 29.48 | 75.8 | 77.6 | 90.5 | 83.8 | 73.3 | 73.6 | 77.9 | 76.6 | 92.8 | 73.1 | 83.0 | 104 | 67 | 72 | 72 | 73 | 74 | 73 | 89 | 83 | 58 | 74 | 76 |
| August | 29.68 | 30.05 | 29.95 | 29.49 | 73.5 | 72.6 | 86.5 | 79.9 | 71.2 | 70.2 | 75.8 | 73.7 | 88.3 | 70.0 | 79.2 | 100 | 58 | 70 | 69 | 71 | 71 | 70 | 90 | 89 | 61 | 75 | 79 |
| September | 29.67 | 30.04 | 30.06 | 29.38 | 69.3 | 68.3 | 84.6 | 77.2 | 67.1 | 75.8 | 73.0 | 71.5 | 86.0 | 66.3 | 76.2 | 97 | 44 | 66 | 64 | 68 | 69 | 67 | 89 | 88 | 59 | 76 | 78 |
| October | 29.66 | 30.03 | 30.03 | 29.32 | 58.1 | 55.3 | 75.4 | 67.5 | 56.0 | 54.1 | 63.6 | 61.4 | 77.4 | 54.8 | 66.1 | 83 | 39 | 54 | 53 | 56 | 57 | 55 | 88 | 92 | 52 | 71 | 76 |
| November | 29.75 | 30.12 | 30.09 | 29.34 | 50.8 | 47.4 | 66.8 | 59.2 | 47.9 | 45.2 | 56.1 | 53.4 | 68.5 | 46.3 | 57.4 | 84 | 28 | 45 | 43 | 47 | 48 | 46 | 81 | 85 | 51 | 68 | 71 |
| December | 29.74 | 30.01 | 30.26 | 28.90 | 41.5 | 39.3 | 51.7 | 47.0 | 39.6 | 37.8 | 46.7 | 44.2 | 55.0 | 36.8 | 45.9 | 74 | 20 | 37 | 36 | 42 | 41 | 39 | 84 | 87 | 70 | 79 | 80 |
| Year | 29.67 | 30.04 | 30.26 | 28.68 | 58.1 | 56.4 | 72.6 | 66.3 | 55.2 | 53.8 | 61.4 | 59.7 | 74.6 | 54.1 | 64.4 | 104 | 15 | 53 | 52 | 54 | 55 | 53 | 83 | 85 | 54 | 68 | 72 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Cincinnati, Ohio, 627 feet; Cleveland, Ohio, 762 feet; Columbia, Mo., 784 feet; Columbia, S. C., 347 feet

[2] Airport data.

## CINCINNATI, OHIO

Airport [$H$=483 ft.; $H_b$=497 ft.; $H_t$=5 ft.; $H_r$=19 ft.; $H_a$=48 ft.]. City [$H$=548 ft.; $H_b$=627 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=51 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 2.02 | 0.81 | 5.3 | 5.8 | 9.1 | sw. | 31 | w. | 0 | 10 | 6 | 15 | 12 | 10 | 8 | 5 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 22 | 3 | 1 |
| February | 2.71 | .99 | 2.9 | 7.7 | 8.3 | nw. | 21 | w. | 0 | 5 | 4 | 19 | 13 | 6 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 23 | 0 | 1 |
| March | 2.64 | .52 | 1.2 | 7.4 | 9.7 | sw. | 33 | w. | 1 | 5 | 5 | 21 | 13 | 10 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 3 |
| April | 3.20 | 2.66 | T | 4.5 | 8.1 | sw. | 25 | nw. | 0 | 13 | 9 | 8 | 7 | 6 | 1 | 0 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 2 |
| May | 3.92 | 1.69 | .0 | 6.9 | 7.1 | s. | 22 | w. | 0 | 5 | 9 | 17 | 12 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| June | 5.38 | 1.48 | .0 | 6.4 | 5.4 | ne. | 21 | sw. | 0 | 5 | 13 | 12 | 15 | 12 | 0 | 0 | 0 | 8 | 6 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 8 |
| July | 4.77 | 2.15 | .0 | 4.9 | 5.8 | sw. | 18 | nw. | 0 | 10 | 14 | 7 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 15 |
| August | 5.56 | 1.63 | .0 | 5.7 | 5.4 | sw. | 24 | sw. | 0 | 7 | 12 | 12 | 12 | 8 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 8 |
| September | 2.63 | .91 | .0 | 4.8 | 6.1 | s. | 19 | sw. | 0 | 12 | 12 | 6 | 10 | 7 | 0 | 0 | 0 | 2 | 1 | 3 | 4 | 0 | 1 | 0 | 0 | 0 | 5 |
| October | 1.68 | .70 | .0 | 6.2 | 6.8 | sw. | 22 | sw. | 0 | 7 | 11 | 13 | 10 | 7 | 0 | 0 | 1 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 3 | 0 | 2 |
| November | 4.85 | 1.17 | .0 | 6.8 | 8.9 | s. | 32 | sw. | 1 | 8 | 6 | 16 | 13 | 10 | 0 | 0 | 0 | 2 | 3 | 3 | 1 | 0 | 0 | 0 | 9 | 0 | 1 |
| December | 4.44 | 1.00 | 15.5 | 8.1 | 8.5 | sw. | 31 | w. | 0 | 4 | 4 | 23 | 16 | 12 | 10 | 5 | 0 | 2 | 6 | 2 | 4 | 11 | 0 | 0 | 23 | 0 | 1 |
| Year | 43.80 | 2.66 | 24.9 | 6.3 | 7.4 | sw. | 33 | w. | 2 | 91 | 105 | 169 | 144 | 103 | 39 | 21 | 1 | 22 | 23 | 18 | 13 | 29 | 15 | 1 | 91 | 3 | 54 |

## CLEVELAND, OHIO

Airport [$H$=787 ft.; $H_b$=805 ft.; $H_t$=27 ft.; $H_r$=5 ft.; $H_a$=54 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.79 | 0.72 | 5.6 | 7.3 | 12.5 | sw. | 43 | sw. | 3 | 6 | 4 | 21 | 14 | 8 | 19 | 10 | 0 | 7 | 5 | 3 | 2 | 9 | 0 | 0 | 27 | 3 | 0 |
| February | 3.98 | 1.00 | 20.7 | 7.9 | 11.4 | nw. | 32 | w. | 1 | 2 | 7 | 19 | 21 | 15 | 24 | 18 | 0 | 14 | 6 | 5 | 1 | 19 | 0 | 0 | 25 | 1 | 0 |
| March | 3.47 | .87 | 8.8 | 7.9 | 13.3 | w. | 49 | sw. | 7 | 4 | 4 | 23 | 18 | 13 | 17 | 11 | 0 | 13 | 5 | 3 | 1 | 1 | 0 | 0 | 22 | 0 | 1 |
| April | 2.80 | 1.03 | .4 | 5.5 | 11.0 | sw. | 32 | sw. | 1 | 9 | 11 | 10 | 8 | 6 | 5 | 3 | 1 | 8 | 4 | 3 | 3 | 0 | 0 | 0 | 4 | 0 | 1 |
| May | 3.70 | 1.20 | .0 | 6.9 | 10.4 | s. | 37 | sw. | 2 | 3 | 11 | 17 | 13 | 10 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| June | 4.09 | 1.64 | .0 | 6.6 | 8.4 | s. | 36 | sw. | 1 | 1 | 18 | 11 | 12 | 12 | 0 | 0 | 0 | 17 | 4 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 9 |
| July | 4.09 | 1.55 | .0 | 5.1 | 8.5 | sw. | 40 | s. | 3 | 12 | 11 | 8 | 14 | 11 | 0 | 0 | 0 | 14 | 2 | 2 | 3 | 0 | 5 | 2 | 0 | 0 | 11 |
| August | 3.50 | 1.49 | .0 | 6.0 | 7.6 | s. | 31 | sw. | 0 | 7 | 13 | 11 | 10 | 10 | 0 | 0 | 0 | 16 | 4 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 5 |
| September | 3.08 | 1.79 | T | 6.0 | 9.3 | se. | 32 | sw. | 1 | 7 | 12 | 11 | 12 | 10 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| October | 2.81 | .64 | T | 6.2 | 10.1 | sw. | 33 | sw. | 2 | 9 | 8 | 14 | 9 | 9 | 2 | 0 | 0 | 15 | 4 | 4 | 2 | 0 | 0 | 0 | 3 | 0 | 2 |
| November | 3.30 | .75 | 3.5 | 7.9 | 13.3 | sw. | 42 | sw. | 3 | 5 | 3 | 22 | 17 | 11 | 9 | 6 | 1 | 13 | 3 | 2 | 1 | 2 | 0 | 0 | 11 | 0 | 2 |
| December | 2.94 | .91 | 9.4 | 8.5 | 12.4 | sw. | 47 | sw. | 3 | 1 | 6 | 24 | 19 | 12 | 21 | 14 | 0 | 18 | 3 | 2 | 1 | 16 | 0 | 0 | 27 | 0 | 0 |
| Year | 39.55 | 1.79 | 48.4 | 6.8 | 10.7 | sw. | 49 | sw. | 27 | 66 | 108 | 191 | 167 | 127 | 98 | 62 | 2 | 155 | 41 | 31 | 18 | 47 | 9 | 2 | 119 | 4 | 42 |

## COLUMBIA, MO.

Airport [$H$=781 ft.; $H_b$=785 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=52 ft.] City [$H$=733 ft.; $H_b$=784 ft.; $H_t$=6 ft.; $H_r$=3 ft.; $H_a$=66 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.38 | 0.23 | 2.0 | 4.4 | 8.1 | w. | 24 | nw. | 0 | 14 | 10 | 7 | 2 | 2 | 4 | 1 | 0 | 2 | 1 | 0 | 0 | 10 | 0 | 0 | 24 | 5 | 0 |
| February | 3.65 | 1.24 | 10.4 | 6.7 | 8.3 | nw. | 27 | nw. | 0 | 5 | 10 | 13 | 14 | 9 | 12 | 7 | 2 | 2 | 1 | 1 | 2 | 6 | 0 | 0 | 23 | 0 | 2 |
| March | 2.56 | 1.37 | .2 | 6.0 | 9.3 | w. | 30 | sw. | 0 | 8 | 10 | 13 | 9 | 6 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 4 |
| April | 2.67 | .94 | T | 4.8 | 9.3 | s. | 24 | sw. | 0 | 12 | 13 | 5 | 10 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| May | 4.84 | 1.04 | .0 | 5.7 | 7.7 | s. | 21 | nw. | 0 | 5 | 20 | 6 | 15 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 11 |
| June | 7.18 | 3.70 | .0 | 6.6 | 6.2 | e. | 30 | nw. | 0 | 3 | 16 | 11 | 16 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 14 |
| July | 4.63 | 2.14 | .0 | 4.2 | 6.0 | sw. | 27 | nw. | 0 | 12 | 17 | 2 | 11 | 9 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 16 | 4 | 0 | 0 | 10 |
| August | 3.73 | 1.48 | .0 | 4.4 | 5.6 | s. | 21 | nw. | 0 | 11 | 14 | 6 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 8 |
| September | 4.57 | 1.95 | .0 | 5.1 | 6.5 | s. | 18 | nw. | 0 | 9 | 12 | 9 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 3 |
| October | 1.43 | .79 | .0 | 4.6 | 6.4 | w. | 24 | nw. | 0 | 14 | 9 | 8 | 9 | 6 | 0 | 0 | 0 | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 3.41 | .85 | .7 | 6.1 | 9.2 | s. | 24 | nw. | 0 | 9 | 9 | 12 | 14 | 9 | 3 | 2 | 1 | 3 | 1 | 1 | 2 | 0 | 0 | 0 | 8 | 0 | 3 |
| December | 4.51 | 2.64 | 7.6 | 6.5 | 7.5 | n. | 23 | nw. | 0 | 8 | 9 | 14 | 11 | 10 | 10 | 4 | 0 | 2 | 1 | 1 | 0 | 9 | 0 | 0 | 26 | 0 | 1 |
| Year | 43.56 | 3.70 | 20.9 | 5.4 | 7.5 | s. | 30 | nw. | 0 | 110 | 149 | 106 | 131 | 99 | 35 | 16 | 6 | 13 | 6 | 4 | 6 | 25 | 42 | 5 | 94 | 5 | 61 |

## COLUMBIA, S. C.

Airport [$H$=202 ft.; $H_b$=225 ft.; $H_t$=25 ft.; $H_r$=23 ft.; $H_a$=43 ft.] City [$H$=332 ft.; $H_b$=347 ft.; $H_t$=70 ft.; $H_r$=68 ft.; $H_a$=91 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.20 | 0.84 | T | 4.9 | 8.4 | sw. | 29 | sw. | 0 | 11 | 12 | 8 | 8 | 7 | 3 | 0 | 0 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 2 |
| February | 2.94 | 1.06 | T | 5.2 | 8.1 | nw. | 25 | s. | 0 | 12 | 5 | 11 | 7 | 6 | 2 | 1 | 0 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 12 | 0 | 1 |
| March | 6.12 | 1.44 | 0.0 | 4.6 | 9.8 | s. | 32 | sw. | 1 | 15 | 6 | 10 | 12 | 11 | 0 | 0 | 0 | 4 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 5 |
| April | 2.75 | 2.75 | .0 | 2.7 | 7.9 | s. | 27 | nw. | 0 | 20 | 8 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| May | 4.57 | 1.80 | .0 | 5.6 | 7.5 | s. | 26 | s. | 0 | 12 | 5 | 14 | 9 | 9 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 9 |
| June | 4.67 | 2.52 | .0 | 5.9 | 7.4 | s. | 28 | sw. | 0 | 6 | 15 | 9 | 10 | 7 | 0 | 0 | 0 | 7 | 2 | 0 | 0 | 0 | 13 | 3 | 0 | 0 | 8 |
| July | 7.24 | 3.42 | .0 | 5.6 | 6.7 | w. | 23 | s. | 0 | 11 | 5 | 15 | 12 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 11 | 0 | 0 | 11 |
| August | 4.68 | 2.00 | .0 | 5.9 | 7.7 | s. | 30 | s. | 0 | 9 | 9 | 13 | 12 | 8 | 0 | 0 | 0 | 4 | 3 | 1 | 0 | 0 | 12 | 4 | 0 | 0 | 13 |
| September | 2.66 | 1.19 | .0 | 5.1 | 6.6 | ne. | 23 | ne. | 0 | 13 | 9 | 8 | 8 | 8 | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 0 | 12 | 4 | 0 | 0 | 3 |
| October | 1.04 | .63 | .0 | 3.8 | 7.4 | n. | 25 | sw. | 0 | 16 | 8 | 7 | 6 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 2.25 | 1.96 | .0 | 3.4 | 8.0 | ne. | 25 | sw. | 0 | 17 | 8 | 5 | 5 | 3 | 0 | 0 | 0 | 6 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| December | 4.14 | 1.18 | T | 6.3 | 8.8 | ne. | 36 | w. | 2 | 7 | 8 | 16 | 17 | 14 | 1 | 1 | 1 | 15 | 5 | 4 | 3 | 0 | 0 | 0 | 9 | 0 | 2 |
| Year | 45.23 | 3.42 | T | 4.9 | 7.9 | s. | 36 | w. | 3 | 149 | 98 | 118 | 108 | 88 | 6 | 2 | 2 | 64 | 19 | 12 | 8 | 0 | 60 | 22 | 30 | 0 | 56 |

## COLUMBUS, OHIO

Airport [$\phi$=40°00′ N.; $\lambda$=82°53′ W.] City [$\phi$=39°58′ N.; $\lambda$=83°00′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 29.18 | 30.09 | 29.60 | 29.40 | 26.2 | 23.4 | 32.2 | 29.5 | 24.4 | 22.1 | 28.8 | 27.1 | 36.7 | 22.1 | 29.4 | 57 | −7 | 21 | 19 | 22 | 22 | 21 | 79 | 81 | 66 | 74 | 75 |
| February | 29.13 | 30.03 | 29.57 | 28.41 | 25.6 | 23.0 | 31.4 | 29.1 | 24.1 | 21.8 | 28.3 | 26.8 | 35.0 | 22.2 | 28.6 | 50 | 2 | 21 | 19 | 22 | 22 | 21 | 82 | 84 | 67 | 74 | 77 |
| March | 28.99 | 29.88 | 29.34 | 28.13 | 38.8 | 36.6 | 47.4 | 44.4 | 35.6 | 33.9 | 40.9 | 39.6 | 52.2 | 35.1 | 43.6 | 73 | 25 | 32 | 30 | 33 | 34 | 32 | 75 | 78 | 60 | 68 | 70 |
| April | 29.20 | 30.08 | 29.45 | 28.69 | 47.6 | 46.5 | 63.7 | 58.7 | 43.8 | 43.3 | 51.5 | 49.9 | 66.5 | 44.5 | 55.5 | 89 | 32 | 40 | 40 | 41 | 42 | 41 | 76 | 78 | 46 | 57 | 64 |
| May | 29.15 | 30.01 | 29.44 | 28.78 | 57.5 | 58.0 | 69.7 | 65.7 | 53.8 | 54.2 | 59.1 | 58.6 | 73.4 | 54.9 | 64.2 | 92 | 42 | 51 | 52 | 52 | 54 | 52 | 80 | 80 | 56 | 67 | 71 |
| June | 29.11 | 29.96 | 29.37 | 28.82 | 66.1 | 67.1 | 78.8 | 75.8 | 63.3 | 63.6 | 67.3 | 67.3 | 82.5 | 64.1 | 73.3 | 93 | 52 | 62 | 62 | 61 | 63 | 62 | 86 | 83 | 57 | 66 | 73 |
| July | 29.16 | 30.01 | 29.32 | 28.95 | 68.8 | 69.2 | 82.6 | 79.4 | 66.2 | 66.4 | 70.0 | 69.9 | 86.7 | 67.0 | 76.8 | 98 | 55 | 65 | 65 | 64 | 65 | 65 | 87 | 87 | 54 | 63 | 73 |
| August | 29.18 | 30.04 | 29.47 | 28.94 | 65.5 | 64.9 | 79.3 | 74.5 | 63.2 | 62.6 | 67.9 | 67.2 | 82.5 | 64.0 | 73.2 | 92 | 52 | 62 | 61 | 62 | 64 | 62 | 88 | 88 | 57 | 69 | 76 |
| September | 29.20 | 30.07 | 29.67 | 28.82 | 59.3 | 57.4 | 73.6 | 66.8 | 56.7 | 55.4 | 62.2 | 60.7 | 76.4 | 56.3 | 66.4 | 92 | 34 | 55 | 54 | 54 | 56 | 55 | 86 | 88 | 53 | 70 | 74 |
| October | 29.16 | 30.04 | 29.46 | 28.59 | 50.8 | 48.1 | 63.3 | 57.1 | 47.3 | 45.7 | 53.4 | 51.4 | 66.8 | 48.1 | 57.4 | 82 | 25 | 44 | 43 | 45 | 46 | 45 | 78 | 83 | 54 | 70 | 71 |
| November | 29.20 | 30.09 | 29.62 | 28.68 | 42.3 | 40.2 | 48.2 | 44.5 | 38.6 | 38.0 | 42.6 | 40.7 | 52.7 | 37.0 | 44.8 | 74 | 20 | 34 | 35 | 36 | 36 | 35 | 75 | 81 | 63 | 72 | 73 |
| December | 29.19 | 30.10 | 29.72 | 28.43 | 26.1 | 25.3 | 31.2 | 29.2 | 25.0 | 24.6 | 29.2 | 27.8 | 35.5 | 22.7 | 29.1 | 60 | −2 | 23 | 22 | 25 | 25 | 24 | 87 | 88 | 77 | 84 | 84 |
| Year | 29.15 | 30.03 | 29.72 | 28.13 | 47.9 | 46.6 | 58.4 | 54.6 | 45.2 | 44.3 | 50.1 | 48.9 | 62.2 | 44.8 | 53.5 | 98 | −7 | 42 | 42 | 43 | 44 | 43 | 82 | 83 | 59 | 70 | 73 |

## CONCORD, N. H.

Airport [$\phi$=43°12′ N.; $\lambda$=71°30′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.68 | 30.01 | 30.13 | 28.89 | 18.3 | 14.0 | 28.4 | 22.1 | 16.3 | 12.5 | 24.2 | 19.4 | 32.5 | 8.0 | 20.3 | 56 | −25 | 11 | 8 | 13 | 12 | 11 | 72 | 75 | 51 | 63 | 65 |
| February | 29.45 | 29.77 | 30.06 | 28.90 | 18.2 | 16.3 | 27.5 | 22.9 | 16.8 | 14.7 | 23.5 | 20.0 | 29.5 | 12.4 | 21.0 | 44 | −5 | 10 | 9 | 13 | 12 | 11 | 70 | 72 | 52 | 60 | 63 |
| March | 29.53 | 29.85 | 30.11 | 28.64 | 32.7 | 32.3 | 43.2 | 37.4 | 30.2 | 29.8 | 36.5 | 32.9 | 46.3 | 28.4 | 36.8 | 63 | 16 | 26 | 25 | 26 | 26 | 26 | 76 | 75 | 52 | 63 | 67 |
| April | 29.66 | 29.98 | 30.03 | 29.15 | 38.8 | 41.7 | 57.1 | 49.9 | 36.0 | 37.8 | 45.2 | 42.5 | 60.5 | 32.6 | 46.6 | 85 | 19 | 32 | 33 | 31 | 34 | 32 | 78 | 71 | 42 | 56 | 62 |
| May | 29.72 | 30.03 | 29.98 | 29.45 | 51.5 | 54.4 | 68.5 | 61.9 | 49.4 | 51.6 | 57.6 | 55.4 | 71.6 | 46.0 | 58.8 | 90 | 26 | 47 | 49 | 48 | 50 | 49 | 87 | 83 | 53 | 68 | 72 |
| June | 29.62 | 29.94 | 29.98 | 29.27 | 56.7 | 61.8 | 74.6 | 68.1 | 55.3 | 58.4 | 63.2 | 61.9 | 77.2 | 52.6 | 64.9 | 92 | 40 | 54 | 56 | 56 | 58 | 56 | 92 | 82 | 55 | 72 | 75 |
| July | 29.65 | 29.96 | 30.05 | 29.34 | 60.8 | 64.4 | 77.0 | 70.5 | 58.9 | 61.1 | 65.7 | 64.3 | 79.7 | 56.2 | 68.0 | 94 | 43 | 57 | 59 | 59 | 60 | 59 | 90 | 83 | 57 | 72 | 76 |
| August | 29.72 | 30.03 | 30.14 | 29.36 | 59.2 | 61.8 | 77.2 | 69.0 | 57.6 | 58.9 | 64.8 | 63.2 | 78.9 | 53.9 | 66.4 | 90 | 33 | 56 | 57 | 57 | 60 | 57 | 90 | 85 | 52 | 73 | 75 |
| September | 29.74 | 30.06 | 30.21 | 29.34 | 52.8 | 54.2 | 70.2 | 60.6 | 51.7 | 52.5 | 59.8 | 57.2 | 72.8 | 47.3 | 60.0 | 92 | 27 | 51 | 51 | 52 | 55 | 52 | 93 | 90 | 56 | 81 | 80 |
| October | 29.76 | 30.08 | 30.39 | 29.05 | 42.7 | 41.6 | 62.3 | 50.3 | 41.1 | 40.3 | 51.6 | 46.5 | 63.9 | 36.0 | 50.0 | 79 | 20 | 39 | 39 | 41 | 42 | 40 | 88 | 90 | 48 | 75 | 75 |
| November | 29.70 | 30.03 | 30.30 | 29.05 | 33.1 | 32.1 | 44.6 | 37.4 | 31.0 | 30.5 | 38.4 | 33.9 | 47.4 | 26.0 | 36.7 | 69 | 10 | 27 | 27 | 29 | 28 | 28 | 78 | 82 | 57 | 70 | 72 |
| December | 29.66 | 29.99 | 30.63 | 28.15 | 19.7 | 18.3 | 27.7 | 22.7 | 18.1 | 16.8 | 23.6 | 20.3 | 30.4 | 12.4 | 21.4 | 53 | −16 | 14 | 13 | 12 | 14 | 13 | 75 | 79 | 51 | 66 | 68 |
| Year | 29.66 | 29.98 | 30.63 | 28.15 | 40.4 | 41.1 | 54.9 | 47.7 | 38.5 | 38.7 | 46.2 | 43.1 | 57.5 | 34.3 | 45.9 | 94 | −25 | 35 | 36 | 36 | 38 | 36 | 82 | 81 | 52 | 68 | 71 |

## CONCORDIA, KANS.

[$\phi$=39°35′ N.; $\lambda$=97°41′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 28.68 | 30.21 | 29.18 | 28.14 | 25.8 | 23.4 | 31.4 | 31.7 | 23.9 | 21.9 | 27.7 | 28.5 | 37.3 | 20.3 | 28.8 | 58 | −8 | 21 | 19 | 22 | 24 | 22 | 82 | 85 | 68 | 75 | 77 |
| February | 28.55 | 30.08 | 28.90 | 27.96 | 27.1 | 24.5 | 32.7 | 33.5 | 25.9 | 23.7 | 29.2 | 30.7 | 37.8 | 21.9 | 29.8 | 60 | 5 | 24 | 22 | 23 | 26 | 24 | 85 | 89 | 68 | 75 | 79 |
| March | 28.46 | 29.90 | 28.95 | 27.78 | 37.6 | 34.9 | 46.1 | 48.4 | 34.4 | 32.5 | 39.4 | 40.9 | 52.5 | 32.5 | 42.5 | 76 | 23 | 30 | 29 | 31 | 31 | 30 | 75 | 78 | 57 | 54 | 66 |
| April | 28.47 | 29.94 | 28.91 | 27.85 | 52.8 | 49.0 | 62.6 | 64.1 | 48.0 | 45.9 | 52.9 | 53.3 | 68.3 | 46.4 | 57.4 | 88 | 34 | 43 | 42 | 44 | 44 | 43 | 70 | 79 | 53 | 50 | 63 |
| May | 28.44 | 29.90 | 28.88 | 27.86 | 57.4 | 54.0 | 66.8 | 69.5 | 53.0 | 50.3 | 57.3 | 58.9 | 72.5 | 51.4 | 62.0 | 90 | 37 | 50 | 47 | 50 | 51 | 49 | 76 | 78 | 56 | 53 | 66 |
| June | 28.45 | 29.89 | 28.80 | 28.15 | 68.9 | 65.0 | 77.5 | 77.6 | 64.3 | 62.0 | 66.9 | 67.7 | 81.7 | 63.3 | 72.5 | 95 | 47 | 62 | 60 | 61 | 62 | 61 | 79 | 85 | 58 | 62 | 71 |
| July | 28.50 | 29.94 | 28.82 | 28.30 | 74.8 | 70.8 | 87.2 | 89.8 | 67.2 | 65.9 | 70.2 | 70.0 | 93.4 | 69.1 | 81.2 | 102 | 60 | 63 | 63 | 62 | 60 | 62 | 69 | 78 | 44 | 38 | 57 |
| August | 28.52 | 29.95 | 28.82 | 28.35 | 72.5 | 68.6 | 81.2 | 83.0 | 66.8 | 65.4 | 69.1 | 70.3 | 86.3 | 67.0 | 76.6 | 103 | 56 | 64 | 64 | 63 | 64 | 64 | 76 | 85 | 56 | 55 | 68 |
| September | 28.54 | 30.00 | 28.95 | 28.14 | 60.9 | 57.8 | 69.8 | 69.0 | 57.2 | 55.3 | 60.6 | 60.7 | 74.8 | 55.6 | 65.2 | 91 | 33 | 54 | 53 | 54 | 55 | 54 | 80 | 85 | 60 | 63 | 72 |
| October | 28.54 | 30.02 | 28.85 | 28.03 | 53.9 | 47.5 | 63.3 | 61.8 | 49.4 | 44.9 | 52.5 | 53.1 | 68.5 | 45.9 | 57.2 | 86 | 21 | 45 | 42 | 43 | 46 | 44 | 74 | 82 | 50 | 57 | 65 |
| November | 28.52 | 30.02 | 29.01 | 27.87 | 41.3 | 37.4 | 48.0 | 46.0 | 37.3 | 34.5 | 40.5 | 39.9 | 54.4 | 32.4 | 43.4 | 78 | 7 | 32 | 30 | 32 | 33 | 32 | 70 | 75 | 56 | 61 | 66 |
| December | 28.60 | 30.13 | 29.07 | 28.29 | 26.6 | 25.3 | 32.1 | 30.5 | 25.4 | 24.1 | 29.5 | 28.6 | 35.8 | 21.5 | 28.6 | 60 | 4 | 23 | 22 | 25 | 25 | 24 | 86 | 86 | 76 | 80 | 82 |
| Year | 28.52 | ..... | 29.18 | 27.78 | 50.0 | 46.5 | 58.2 | 58.7 | 46.1 | 43.9 | 49.6 | 50.2 | 63.6 | 43.9 | 53.8 | 103 | −8 | 43 | 41 | 42 | 43 | 42 | 77 | 82 | 58 | 60 | 69 |

## CORPUS CHRISTI, TEX.

Airport [$\phi$=27°46′ N.; $\lambda$=97°27′ W.] City [$\phi$=27°49′ N.; $\lambda$=97°25′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.18 | 30.20 | 30.71 | 29.68 | 49.6 | 46.4 | 60.1 | 55.8 | 47.2 | 44.6 | 51.5 | 50.3 | 61.6 | 46.7 | 54.2 | 78 | 27 | 44 | 42 | 44 | 45 | 44 | 83 | 87 | 58 | 69 | 74 |
| February | 29.98 | 30.00 | 30.35 | 29.49 | 55.0 | 53.8 | 61.4 | 58.8 | 52.5 | 51.8 | 55.0 | 54.4 | 64.4 | 51.4 | 57.9 | 80 | 34 | 50 | 50 | 49 | 50 | 50 | 84 | 87 | 68 | 76 | 79 |
| March | 29.92 | 29.94 | 30.35 | 29.45 | 58.9 | 57.2 | 70.4 | 66.4 | 55.2 | 54.2 | 59.6 | 59.1 | 72.0 | 56.9 | 64.4 | 85 | 41 | 52 | 51 | 51 | 53 | 52 | 79 | 82 | 54 | 65 | 70 |
| April | 29.91 | 29.94 | 30.34 | 29.46 | 67.4 | 65.8 | 75.7 | 72.0 | 65.2 | 64.1 | 68.0 | 67.4 | 76.1 | 66.2 | 71.2 | 84 | 55 | 64 | 63 | 64 | 65 | 64 | 88 | 91 | 67 | 79 | 81 |
| May | 29.90 | 29.92 | 30.16 | 29.60 | 73.7 | 72.0 | 81.2 | 77.8 | 71.3 | 70.1 | 73.0 | 72.8 | 82.5 | 72.4 | 77.4 | 89 | 61 | 70 | 69 | 69 | 71 | 70 | 89 | 91 | 68 | 79 | 82 |
| June | 29.83 | 29.85 | 30.08 | 29.54 | 78.2 | 77.1 | 87.4 | 83.5 | 76.2 | 75.5 | 77.9 | 77.4 | 89.7 | 77.3 | 83.5 | 95 | 64 | 76 | 75 | 74 | 75 | 75 | 92 | 93 | 66 | 76 | 82 |
| July | 30.00 | 30.02 | 30.17 | 29.86 | 77.8 | 76.2 | 87.6 | 83.7 | 76.0 | 75.1 | 78.5 | 77.4 | 90.0 | 77.4 | 83.7 | 97 | 70 | 75 | 75 | 75 | 75 | 75 | 92 | 95 | 67 | 76 | 82 |
| August | 29.91 | 29.93 | 30.10 | 29.09 | 78.8 | 76.4 | 89.0 | 84.8 | 76.5 | 75.2 | 77.7 | 77.6 | 90.9 | 78.4 | 84.6 | 95 | 69 | 76 | 75 | 73 | 75 | 75 | 90 | 95 | 61 | 72 | 80 |
| September | 29.94 | 29.97 | 30.26 | 29.72 | 75.1 | 72.9 | 83.3 | 79.8 | 72.2 | 70.2 | 73.9 | 73.3 | 85.8 | 72.9 | 79.4 | 91 | 52 | 71 | 69 | 69 | 70 | 70 | 86 | 90 | 64 | 73 | 78 |
| October | 29.94 | 29.97 | 30.20 | 29.60 | 71.1 | 68.3 | 81.3 | 76.0 | 68.4 | 66.5 | 70.7 | 70.2 | 82.5 | 69.2 | 75.8 | 89 | 58 | 67 | 65 | 65 | 67 | 66 | 87 | 88 | 60 | 75 | 77 |
| November | 30.02 | 30.04 | 30.52 | 29.57 | 63.5 | 60.8 | 74.9 | 68.3 | 60.7 | 58.5 | 64.3 | 62.8 | 76.6 | 61.5 | 69.0 | 85 | 44 | 58 | 56 | 57 | 59 | 58 | 84 | 86 | 54 | 73 | 75 |
| December | 30.03 | 30.06 | 30.35 | 29.49 | 57.3 | 54.7 | 68.5 | 63.2 | 55.3 | 53.1 | 60.1 | 58.6 | 71.4 | 53.8 | 62.6 | 82 | 37 | 54 | 52 | 54 | 55 | 54 | 88 | 90 | 61 | 76 | 78 |
| Year | 29.96 | 29.99 | 30.71 | 29.09 | 67.2 | 65.1 | 76.7 | 72.5 | 64.7 | 63.2 | 67.5 | 66.8 | 78.6 | 65.3 | 72.0 | 97 | 27 | 63 | 62 | 62 | 63 | 63 | 87 | 90 | 62 | 74 | 78 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Columbus, Ohio, 822 feet; Concord, N. H., 289 feet; Corpus Christi, Tex., 20 feet.
[2] Airport data.

## COLUMBUS, OHIO

Airport [$H$=815 ft.; $H_b$=833 ft.; $H_t$=6 ft.; $H_r$=2 ft.; $H_a$=45 ft.] City [$H$=724 ft.; $H_b$=822 ft.; $H_t$=90 ft.; $H_r$=88 ft.; $H_a$=110 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 1.24 | 0.38 | 2.8 | 6.7 | 11.1 | s. | 42 | sw. | 3 | 9 | 4 | 18 | 9 | 9 | 10 | 2 | 0 | 3 | 2 | 2 | 2 | 9 | 0 | 0 | 24 | 3 | 1 |
| February | 2.11 | .79 | .6 | 6.8 | 10.7 | w. | 31 | n. | 0 | 8 | 3 | 17 | 10 | 6 | 13 | 4 | 0 | 3 | 2 | 2 | 0 | 9 | 0 | 0 | 24 | 0 | 0 |
| March | 2.59 | .69 | 1.2 | 7.5 | 12.1 | w. | 51 | s. | 7 | 4 | 4 | 23 | 14 | 10 | 9 | 3 | 0 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 11 | 0 | 1 |
| April | 2.24 | 1.33 | T | 5.1 | 9.5 | s. | 33 | sw. | 2 | 12 | 8 | 10 | 7 | 6 | 1 | 0 | 0 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 2 |
| May | 3.41 | 1.21 | .0 | 7.0 | 9.3 | s. | 41 | sw. | 1 | 7 | 5 | 19 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 |
| June | 2.95 | 1.55 | .0 | 6.5 | 7.7 | s. | 39 | w. | 1 | 3 | 15 | 12 | 11 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 6 |
| July | 2.57 | .61 | .0 | 5.9 | 8.2 | s. | 31 | sw. | 0 | 7 | 12 | 12 | 13 | 10 | 0 | 0 | 1 | 3 | 2 | 2 | 2 | 0 | 7 | 2 | 0 | 0 | 7 |
| August | 2.97 | .91 | .0 | 6.4 | 7.2 | n. | 36 | sw. | 1 | 8 | 5 | 18 | 11 | 9 | 0 | 0 | 0 | 4 | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 3 |
| September | 2.83 | 1.34 | .0 | 5.1 | 8.6 | s. | 29 | sw. | 0 | 10 | 12 | 8 | 10 | 9 | 0 | 0 | 0 | 3 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 2 |
| October | 1.06 | .51 | T | 5.8 | 8.8 | s. | 37 | s. | 2 | 11 | 5 | 15 | 6 | 4 | 1 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 |
| November | 3.08 | 1.20 | 2.0 | 7.4 | 11.2 | s. | 38 | s. | 2 | 5 | 7 | 18 | 11 | 8 | 4 | 1 | 0 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 10 | 0 | 2 |
| December | 3.28 | 1.30 | 8.0 | 8.0 | 10.1 | s. | 39 | sw. | 2 | 4 | 4 | 23 | 18 | 14 | 16 | 9 | 0 | 4 | 3 | 2 | 2 | 12 | 0 | 0 | 24 | 1 | 1 |
| Year | 30.33 | 1.55 | 14.6 | 6.5 | 9.5 | s. | 51 | s. | 21 | 88 | 84 | 193 | 130 | 104 | 54 | 19 | 1 | 36 | 22 | 18 | 15 | 30 | 19 | 2 | 96 | 4 | 31 |

## CONCORD, N. H.

Airport [$H$=339 ft.; $H_b$=346 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=45 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.81 | 0.93 | 8.9 | 5.2 | 7.5 | nw. | 29 | nw. | 0 | 10 | 11 | 10 | 8 | 6 | 14 | 6 | 0 | 9 | 0 | 1 | 1 | 13 | 0 | 0 | 30 | 11 | 0 |
| February | 1.81 | .76 | 10.5 | 4.9 | 11.6 | nw. | 37 | nw. | 2 | 12 | 6 | 10 | 10 | 8 | 13 | 8 | 0 | 6 | 1 | 0 | 0 | 16 | 0 | 0 | 28 | 3 | 0 |
| March | 5.67 | 1.28 | 14.3 | 6.0 | 9.1 | nw. | 37 | ne. | 1 | 7 | 13 | 11 | 15 | 13 | 13 | 7 | 0 | 15 | 5 | 5 | 2 | 0 | 0 | 0 | 26 | 0 | 0 |
| April | 1.45 | .46 | 5.8 | 5.3 | 7.6 | nw. | 29 | w. | 0 | 11 | 9 | 10 | 10 | 8 | 4 | 3 | 0 | 12 | 2 | 1 | 1 | 0 | 0 | 0 | 14 | 0 | 0 |
| May | 2.00 | .66 | .0 | 6.3 | 6.4 | nw. | 23 | nw. | 0 | 6 | 11 | 14 | 12 | 10 | 0 | 0 | 0 | 22 | 6 | 7 | 5 | 0 | 0 | 0 | 2 | 0 | 5 |
| June | 5.36 | 2.42 | .0 | 5.3 | 6.0 | nw. | 24 | n. | 0 | 12 | 9 | 9 | 14 | 12 | 0 | 0 | 0 | 22 | 5 | 3 | 5 | 0 | 4 | 0 | 0 | 0 | 8 |
| July | 5.02 | 1.17 | .0 | 5.2 | 5.8 | nw. | 23 | nw. | 0 | 11 | 13 | 7 | 12 | 12 | 0 | 0 | 0 | 20 | 4 | 5 | 2 | 0 | 2 | 0 | 0 | 0 | 7 |
| August | .95 | .65 | .0 | 3.9 | 5.7 | nw. | 21 | nw. | 0 | 15 | 11 | 5 | 4 | 3 | 0 | 0 | 0 | 19 | 8 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| September | 5.23 | 2.02 | .0 | 4.8 | 5.8 | nw. | 24 | se. | 0 | 12 | 7 | 11 | 13 | 8 | 0 | 0 | 0 | 23 | 10 | 8 | 7 | 0 | 2 | 0 | 2 | 0 | 2 |
| October | 2.23 | .62 | T | 5.1 | 5.9 | se. | 20 | nw. | 0 | 8 | 14 | 9 | 10 | 7 | 1 | 0 | 0 | 16 | 9 | 1 | 6 | 0 | 0 | 0 | 11 | 0 | 1 |
| November | 4.80 | 1.08 | 3.9 | 6.8 | 7.5 | nw. | 27 | w. | 0 | 6 | 8 | 16 | 12 | 10 | 5 | 3 | 0 | 13 | 4 | 1 | 2 | 1 | 0 | 0 | 24 | 0 | 0 |
| December | 4.72 | 1.94 | 6.2 | 6.7 | 8.1 | nw. | 33 | w. | 1 | 7 | 7 | 17 | 12 | 7 | 16 | 7 | 0 | 9 | 0 | 0 | 0 | 13 | 0 | 0 | 31 | 7 | 0 |
| Year | 42.05 | 2.42 | 49.6 | 5.5 | 7.2 | nw. | 37 | ne. | 4 | 117 | 119 | 129 | 132 | 104 | 66 | 34 | 0 | 186 | 54 | 35 | 32 | 43 | 8 | 0 | 168 | 21 | 24 |

## CONCORDIA, KANS.

[$H$=1,375 ft.; $H_b$=1,392 ft.; $H_t$=50 ft.; $H_r$=42 ft.; $H_a$=58 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.26 | 0.26 | 6.4 | 4.2 | 8.3 | w. | 27 | nw. | 0 | 15 | 8 | 8 | 1 | 1 | 5 | 1 | 0 | 2 | 2 | 0 | 1 | 10 | 0 | 0 | 24 | 8 | 0 |
| February | 1.36 | .42 | 10.0 | 6.1 | 8.0 | e. | 24 | nw. | 0 | 8 | 8 | 12 | 10 | 7 | 12 | 7 | 0 | 6 | 2 | 4 | 2 | 10 | 0 | 0 | 27 | 0 | 0 |
| March | 2.11 | .86 | 3.2 | 5.7 | 10.0 | nw. | 30 | s. | 0 | 10 | 9 | 12 | 8 | 4 | 8 | 2 | 1 | 3 | 1 | 2 | 2 | 0 | 0 | 0 | 15 | 0 | 2 |
| April | 1.65 | 1.04 | .0 | 5.7 | 10.4 | s. | 27 | nw. | 0 | 10 | 8 | 12 | 7 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| May | 3.53 | 1.20 | .0 | 5.6 | 9.1 | s. | 26 | nw. | 0 | 6 | 17 | 8 | 9 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 10 |
| June | 5.21 | 1.36 | .0 | 6.2 | 7.9 | s. | 50 | nw. | 1 | 6 | 13 | 11 | 12 | 8 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 13 |
| July | 1.53 | .77 | .0 | 3.7 | 7.5 | s. | 31 | w. | 0 | 14 | 15 | 2 | 9 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 23 | 15 | 0 | 0 | 11 |
| August | 4.61 | 1.59 | .0 | 5.3 | 7.7 | s. | 34 | nw. | 1 | 8 | 15 | 8 | 7 | 7 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 9 | 3 | 0 | 0 | 11 |
| September | 4.30 | 1.97 | .0 | 5.4 | 8.2 | s. | 21 | nw. | 0 | 10 | 9 | 11 | 7 | 6 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 |
| October | 1.36 | 1.10 | .0 | 4.5 | 6.5 | w. | 20 | n. | 0 | 13 | 10 | 8 | 8 | 3 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| November | .64 | .28 | 2.9 | 3.8 | 8.9 | s. | 30 | nw. | 0 | 10 | 8 | 12 | 8 | 5 | 3 | 3 | 0 | 2 | 3 | 0 | 0 | 1 | 0 | 0 | 14 | 0 | 0 |
| December | 1.74 | 1.02 | 10.3 | 7.5 | 7.2 | n. | 26 | n. | 0 | 5 | 4 | 22 | 6 | 4 | 12 | 3 | 1 | 8 | 8 | 3 | 3 | 9 | 0 | 0 | 28 | 0 | 1 |
| Year | 28.30 | 1.97 | 32.8 | 5.5 | 8.3 | s. | 50 | nw. | 2 | 115 | 124 | 126 | 92 | 63 | 40 | 16 | 8 | 41 | 18 | 10 | 8 | 30 | 43 | 18 | 111 | 8 | 59 |

## CORPUS CHRISTI, TEX.

Airport [$H$=40 ft.; $H_b$=44 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=33 ft.] City [$H$=10 ft.; $H_b$=20 ft.; $H_t$=11 ft.; $H_r$=63 ft.; $H_a$=78 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.14 | 0.10 | 0.0 | 4.8 | 10.4 | n. | 28 | nw. | 0 | 13 | 7 | 11 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 |
| February | 4.67 | 2.25 | .0 | 7.7 | 11.1 | n. | 35 | n. | 1 | 3 | 9 | 16 | 9 | 7 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| March | .97 | .88 | .0 | 5.5 | 12.7 | s. | 34 | n. | 2 | 11 | 8 | 12 | 5 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| April | .21 | .12 | .0 | 6.8 | 13.6 | se. | 38 | s. | 2 | 4 | 11 | 15 | 5 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 1.93 | 1.10 | .0 | 6.4 | 12.5 | s. | 31 | e. | 0 | 5 | 11 | 15 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| June | 3.30 | 1.35 | .0 | 4.9 | 11.1 | s. | 33 | s. | 1 | 13 | 8 | 9 | 9 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 17 | 1 | 0 | 0 | 9 |
| July | 10.23 | 5.26 | .0 | 5.9 | 9.5 | s. | 32 | ne. | 1 | 8 | 11 | 12 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 1 | 0 | 0 | 13 |
| August | 5.48 | 4.68 | .0 | 4.5 | 10.9 | s. | 61 | w. | 2 | 14 | 13 | 4 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 1 | 0 | 0 | 3 |
| September | 3.97 | 1.02 | .0 | 5.9 | 9.5 | s. | 31 | e. | 0 | 8 | 12 | 10 | 12 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 6 |
| October | 1.59 | .74 | .0 | 5.6 | 10.0 | s. | 28 | s. | 0 | 9 | 11 | 11 | 9 | 7 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | 1.09 | .89 | .0 | 3.8 | 11.0 | s. | 29 | n. | 0 | 13 | 9 | 8 | 3 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| December | .09 | .06 | .0 | 4.8 | 10.0 | s. | 29 | s. | 0 | 13 | 7 | 11 | 3 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Year | 33.67 | 5.26 | .0 | 5.6 | 11.0 | s. | 61 | w. | 9 | 114 | 117 | 134 | 80 | 54 | 0 | 0 | 1 | 17 | 2 | 0 | 2 | 0 | 71 | 3 | 2 | 0 | 49 |

DALLAS, TEX.

Airport [$\phi$=32°51′ N.; $\lambda$=95°51′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.67 (1) | 30.23 | 30.13 (1) | 29.05 (1) | 39.0 | 34.2 | 48.5 | 47.8 | 35.0 | 32.0 | 40.2 | 39.7 | 55.4 | 30.1 | 42.8 | 78 | 10 | 29 | 29 | 30 | 29 | 29 | 69 | 80 | 52 | 52 | 63 |
| February | 29.48 | 30.04 | 29.97 | 28.95 | 45.1 | 41.5 | 51.3 | 52.8 | 40.8 | 38.6 | 44.6 | 44.9 | 58.3 | 38.4 | 48.4 | 86 | 20 | 35 | 35 | 36 | 35 | 35 | 69 | 76 | 59 | 54 | 64 |
| March | 29.38 | 29.93 | 29.90 | 28.92 | 51.8 | 46.4 | 63.0 | 64.5 | 45.6 | 42.1 | 50.0 | 50.3 | 69.7 | 43.4 | 56.6 | 86 | 30 | 38 | 37 | 35 | 35 | 36 | 62 | 71 | 40 | 38 | 53 |
| April | 29.40 | 29.94 | 29.78 | 29.08 | 61.4 | 58.3 | 69.2 | 70.5 | 57.7 | 56.3 | 61.4 | 61.8 | 74.3 | 56.5 | 65.4 | 85 | 40 | 55 | 54 | 56 | 56 | 55 | 80 | 88 | 66 | 63 | 74 |
| May | 29.40 | 29.94 | 29.74 | 29.04 | 67.9 | 65.1 | 76.2 | 77.7 | 63.8 | 62.8 | 66.3 | 67.1 | 82.2 | 62.1 | 72.2 | 94 | 45 | 61 | 61 | 61 | 61 | 61 | 80 | 88 | 59 | 58 | 71 |
| June | 29.33 | 29.86 | 29.64 | 29.07 | 77.2 | 73.9 | 85.3 | 86.5 | 72.1 | 70.7 | 73.6 | 74.0 | 89.8 | 71.6 | 80.7 | 98 | 62 | 70 | 69 | 68 | 68 | 69 | 79 | 86 | 58 | 56 | 70 |
| July | 29.48 | 30.02 | 29.66 | 29.31 | 79.3 | 74.6 | 89.9 | 91.1 | 71.3 | 70.6 | 73.6 | 73.3 | 94.8 | 73.7 | 84.2 | 99 | 64 | 68 | 69 | 66 | 65 | 67 | 68 | 82 | 46 | 43 | 60 |
| August | 29.41 | 29.95 | 29.54 | 29.28 | 79.8 | 76.0 | 88.6 | 90.6 | 73.6 | 72.6 | 75.2 | 74.8 | 93.7 | 74.9 | 84.3 | 104 | 68 | 70 | 71 | 70 | 68 | 70 | 73 | 86 | 55 | 50 | 66 |
| September | 29.46 | 30.00 | 29.82 | 29.22 | 70.6 | 66.1 | 79.6 | 79.6 | 65.7 | 63.8 | 67.6 | 67.7 | 84.8 | 63.1 | 74.0 | 95 | 36 | 63 | 62 | 60 | 61 | 62 | 77 | 87 | 54 | 54 | 68 |
| October | 29.46 | 30.00 | 29.78 | 29.02 | 61.1 | 57.0 | 73.1 | 70.2 | 57.2 | 54.7 | 61.5 | 60.6 | 76.5 | 54.0 | 65.2 | 86 | 37 | 54 | 55 | 54 | 54 | 54 | 78 | 86 | 53 | 58 | 69 |
| November | 29.50 | 30.04 | 30.06 | 28.93 | 55.0 | 51.5 | 65.7 | 63.9 | 50.9 | 49.0 | 56.3 | 55.6 | 71.1 | 48.4 | 59.8 | 82 | 29 | 47 | 46 | 48 | 48 | 48 | 76 | 83 | 55 | 58 | 68 |
| December | 29.52 | 30.08 | 29.87 | 28.92 | 44.9 | 42.0 | 52.7 | 51.2 | 42.3 | 40.3 | 47.0 | 46.1 | 58.1 | 37.6 | 47.8 | 75 | 27 | 39 | 38 | 41 | 41 | 40 | 81 | 87 | 67 | 70 | 76 |
| Year | 29.46 | 30.00 | 30.13 | 28.92 | 61.1 | 57.2 | 70.3 | 70.5 | 56.3 | 54.5 | 59.8 | 59.7 | 75.7 | 54.5 | 65.1 | 104 | 10 | 52 | 52 | 52 | 52 | 52 | 74 | 83 | 55 | 54 | 67 |

DAVENPORT, IOWA [2]

Airport [$\phi$=41°27′ N.; $\lambda$=90°30′ W.] City [$\phi$=41°30′ N.; $\lambda$=90°38′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 29.43 | 30.13 | (1) 30.00 | (1) 28.55 | 21.3 | 19.3 | 26.6 | 23.7 | 20.3 | 18.5 | 24.3 | 22.2 | 31.8 | 16.4 | 24.1 | 54 | −14 | 18 | 17 | 20 | 19 | 18 | 88 | 88 | 75 | 81 | 83 |
| February | 29.43 | 30.13 | 29.73 | 28.87 | 23.5 | 21.7 | 28.2 | 26.9 | 22.3 | 20.8 | 25.9 | 25.1 | 31.0 | 20.0 | 25.5 | 42 | 2 | 20 | 19 | 21 | 21 | 20 | 84 | 88 | 73 | 78 | 81 |
| March | 29.19 | 29.87 | 29.62 | 28.52 | 36.2 | 34.3 | 44.3 | 42.6 | 33.8 | 32.4 | 38.2 | 38.2 | 48.3 | 33.0 | 40.6 | 73 | 25 | 31 | 30 | 30 | 33 | 31 | 81 | 83 | 60 | 69 | 73 |
| April | 29.40 | 30.06 | 29.77 | 28.89 | 48.8 | 46.8 | 63.4 | 61.2 | 43.9 | 42.8 | 51.1 | 50.1 | 66.7 | 46.0 | 56.4 | 88 | 29 | 39 | 39 | 39 | 39 | 39 | 69 | 74 | 44 | 47 | 58 |
| May | 29.31 | 29.97 | 29.64 | 28.79 | 56.7 | 54.8 | 66.3 | 65.2 | 53.0 | 51.7 | 57.0 | 57.2 | 70.9 | 52.2 | 61.6 | 90 | 39 | 50 | 49 | 50 | 51 | 50 | 80 | 82 | 58 | 62 | 71 |
| June | 29.30 | 29.96 | 29.53 | 28.91 | 66.4 | 66.1 | 76.6 | 75.4 | 63.2 | 62.7 | 66.7 | 66.1 | 80.9 | 63.1 | 72.0 | 94 | 47 | 61 | 61 | 61 | 61 | 61 | 84 | 83 | 61 | 62 | 73 |
| July | 29.34 | 29.99 | 29.58 | 29.03 | 70.2 | 68.5 | 81.9 | 81.4 | 67.1 | 65.6 | 70.1 | 70.7 | 86.3 | 67.6 | 77.0 | 96 | 55 | 66 | 64 | 64 | 66 | 65 | 86 | 86 | 56 | 59 | 72 |
| August | 29.36 | 30.02 | 29.63 | 29.15 | 66.6 | 64.4 | 79.3 | 77.4 | 63.5 | 62.9 | 67.5 | 68.1 | 82.8 | 64.7 | 73.8 | 95 | 50 | 62 | 61 | 61 | 63 | 62 | 86 | 89 | 56 | 63 | 73 |
| September | 29.37 | 30.03 | 29.87 | 29.08 | 58.4 | 56.4 | 69.4 | 66.1 | 55.7 | 54.6 | 60.0 | 59.4 | 73.1 | 55.5 | 64.3 | 91 | 30 | 54 | 53 | 54 | 55 | 54 | 84 | 89 | 59 | 68 | 75 |
| October | 29.35 | 30.02 | 29.71 | 28.67 | 47.9 | 44.2 | 61.8 | 56.5 | 44.9 | 42.4 | 51.1 | 49.0 | 65.9 | 44.9 | 55.4 | 85 | 20 | 42 | 41 | 42 | 42 | 42 | 81 | 88 | 50 | 59 | 69 |
| November | 29.35 | 30.03 | 29.85 | 28.71 | 37.4 | 36.2 | 45.6 | 41.7 | 35.3 | 34.3 | 40.4 | 38.3 | 48.9 | 32.9 | 40.9 | 76 | 14 | 32 | 32 | 34 | 34 | 33 | 83 | 84 | 65 | 75 | 77 |
| December | 29.43 | 30.14 | 30.00 | 28.88 | 20.0 | 19.6 | 25.8 | 22.9 | 19.5 | 19.0 | 24.4 | 22.0 | 29.4 | 15.9 | 22.6 | 44 | −5 | 18 | 18 | 21 | 20 | 19 | 90 | 92 | 82 | 88 | 88 |
| Year | 29.36 | 30.03 | 30.00 | 28.52 | 46.1 | 44.4 | 55.8 | 53.4 | 43.5 | 42.3 | 48.1 | 47.2 | 59.7 | 42.7 | 51.2 | 96 | −14 | 41 | 40 | 41 | 42 | 41 | 83 | 86 | 62 | 68 | 74 |

DAYTON, OHIO [3]

Airport [$\phi$=39°54′ N.; $\lambda$=84°12′ W.] City [$\phi$=39°46′ N.; $\lambda$=84°12′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 29.10 | 30.10 | (1) 29.52 | (1) 28.30 | 25.5 | 23.6 | 31.7 | 28.9 | 24.1 | 22.5 | 28.7 | 27.0 | 36.7 | 22.7 | 29.7 | 56 | −6 | 21 | 20 | 24 | 24 | 22 | 82 | 86 | 70 | 80 | 79 |
| February | 29.05 | 30.05 | 29.46 | 28.30 | 25.0 | 23.4 | 30.3 | 28.3 | 23.9 | 22.4 | 27.8 | 26.6 | 34.8 | 22.3 | 28.6 | 50 | 3 | 22 | 20 | 23 | 23 | 22 | 86 | 87 | 73 | 80 | 81 |
| March | 28.91 | 29.88 | 29.23 | 28.02 | 38.5 | 36.2 | 46.4 | 44.1 | 35.5 | 34.1 | 40.6 | 39.5 | 52.5 | 35.1 | 43.8 | 75 | 27 | 32 | 31 | 34 | 34 | 33 | 77 | 83 | 64 | 69 | 73 |
| April | 29.12 | 30.09 | 29.36 | 28.63 | 48.3 | 48.0 | 62.9 | 58.1 | 44.1 | 44.0 | 51.4 | 49.9 | 66.0 | 45.2 | 55.6 | 87 | 29 | 40 | 40 | 41 | 42 | 41 | 75 | 75 | 49 | 60 | 65 |
| May | 29.05 | 30.01 | 29.35 | 28.64 | 57.0 | 57.2 | 69.0 | 65.2 | 53.7 | 53.7 | 59.0 | 58.5 | 72.6 | 55.0 | 63.8 | 90 | 40 | 51 | 51 | 52 | 54 | 52 | 82 | 81 | 57 | 69 | 72 |
| June | 29.02 | 29.96 | 29.26 | 28.73 | 65.3 | 66.6 | 78.1 | 74.5 | 62.6 | 63.3 | 67.4 | 67.0 | 81.3 | 63.4 | 72.4 | 92 | 50 | 61 | 62 | 62 | 63 | 62 | 86 | 84 | 59 | 69 | 75 |
| July | 29.07 | 30.01 | 29.24 | 28.86 | 69.7 | 69.5 | 83.1 | 79.6 | 65.6 | 66.2 | 70.1 | 69.4 | 85.9 | 67.4 | 76.6 | 95 | 55 | 63 | 65 | 64 | 64 | 64 | 80 | 85 | 53 | 60 | 70 |
| August | 29.10 | 30.05 | 29.36 | 28.83 | 66.0 | 65.1 | 77.6 | 73.7 | 63.2 | 62.8 | 67.5 | 67.1 | 81.3 | 64.5 | 72.9 | 91 | 49 | 62 | 62 | 62 | 47 | 58 | 86 | 89 | 61 | 72 | 77 |
| September | 29.11 | 30.06 | 29.57 | 28.79 | 58.8 | 57.3 | 71.8 | 65.5 | 56.0 | 55.1 | 61.9 | 59.3 | 75.2 | 56.6 | 65.9 | 89 | 35 | 54 | 53 | 55 | 55 | 54 | 84 | 86 | 57 | 69 | 74 |
| October | 29.07 | 30.03 | 29.35 | 28.49 | 50.0 | 47.7 | 61.6 | 55.3 | 46.8 | 45.7 | 52.9 | 49.7 | 65.8 | 47.5 | 56.6 | 81 | 25 | 44 | 44 | 46 | 44 | 44 | 79 | 86 | 58 | 69 | 73 |
| November | 29.10 | 30.08 | 29.48 | 28.55 | 41.5 | 39.4 | 47.1 | 44.0 | 39.3 | 37.6 | 42.1 | 40.3 | 53.4 | 37.5 | 45.4 | 73 | 20 | 36 | 35 | 36 | 36 | 36 | 80 | 85 | 66 | 73 | 76 |
| December | 29.10 | 30.10 | 29.60 | 28.40 | 25.3 | 24.8 | 29.8 | 26.4 | 24.3 | 23.9 | 28.0 | 26.2 | 35.9 | 22.7 | 29.3 | 63 | −2 | 22 | 22 | 24 | 24 | 23 | 88 | 88 | 79 | 86 | 85 |
| Year | 29.07 | 30.04 | 29.60 | 28.02 | 47.6 | 46.6 | 57.4 | 53.6 | 44.9 | 44.3 | 49.8 | 48.4 | 61.8 | 45.0 | 53.4 | 95 | −6 | 42 | 42 | 43 | 42 | 42 | 82 | 84 | 62 | 71 | 75 |

DEL RIO, TEX.

[$\phi$=29°20′ N.; $\lambda$=100°53′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.16 | 30.17 | 29.65 | 28.68 | 47.5 | 42.1 | 54.3 | 58.1 | 41.9 | 38.8 | 45.4 | 46.7 | 61.5 | 39.5 | 50.5 | 83 | 25 | 35 | 34 | 35 | 34 | 34 | 64 | 75 | 52 | 46 | 59 |
| February | 28.98 | 29.98 | 29.45 | 28.52 | 52.5 | 47.4 | 55.1 | 60.3 | 45.8 | 43.2 | 46.7 | 49.2 | 63.1 | 45.5 | 54.3 | 85 | 27 | 37 | 38 | 36 | 37 | 37 | 60 | 72 | 54 | 46 | 58 |
| March | 28.90 | 29.89 | 29.37 | 28.44 | 58.6 | 52.1 | 67.1 | 72.9 | 47.1 | 44.3 | 51.1 | 52.2 | 75.5 | 49.7 | 62.6 | 88 | 34 | 33 | 34 | 34 | 29 | 33 | 42 | 53 | 33 | 23 | 37 |
| April | 28.87 | 29.84 | 29.30 | 28.44 | 67.9 | 63.1 | 72.7 | 78.3 | 60.9 | 59.8 | 63.4 | 63.7 | 80.9 | 61.2 | 71.0 | 91 | 47 | 56 | 57 | 57 | 54 | 56 | 67 | 82 | 61 | 46 | 64 |
| May | 28.87 | 29.84 | 29.19 | 28.55 | 73.7 | 69.4 | 78.9 | 84.0 | 66.9 | 65.8 | 69.4 | 69.7 | 86.1 | 67.5 | 76.8 | 97 | 56 | 63 | 64 | 64 | 62 | 63 | 72 | 83 | 64 | 50 | 67 |
| June | 28.82 | 29.77 | 29.15 | 28.57 | 81.4 | 74.4 | 86.9 | 92.8 | 70.1 | 69.7 | 73.2 | 72.2 | 94.6 | 73.5 | 84.0 | 108 | 65 | 65 | 68 | 67 | 62 | 65 | 58 | 80 | 53 | 38 | 57 |
| July | 28.98 | 29.94 | 29.16 | 28.82 | 81.0 | 75.3 | 87.4 | 91.6 | 71.4 | 70.7 | 73.0 | 72.3 | 93.5 | 74.6 | 84.0 | 99 | 69 | 67 | 69 | 67 | 65 | 67 | 64 | 80 | 51 | 40 | 59 |
| August | 28.90 | 29.86 | 29.07 | 28.45 | 82.5 | 76.5 | 87.0 | 90.8 | 72.1 | 71.7 | 73.5 | 72.7 | 93.7 | 75.5 | 84.6 | 100 | 70 | 67 | 70 | 68 | 64 | 67 | 62 | 80 | 54 | 45 | 60 |
| September | 28.97 | 29.94 | 29.31 | 28.75 | 72.0 | 68.3 | 78.9 | 81.0 | 67.1 | 65.7 | 68.8 | 69.0 | 84.4 | 66.5 | 75.4 | 92 | 45 | 64 | 64 | 64 | 63 | 64 | 78 | 87 | 61 | 56 | 70 |
| October | 28.96 | 29.94 | 29.31 | 28.60 | 67.4 | 63.4 | 74.4 | 76.9 | 62.0 | 60.0 | 64.7 | 65.0 | 80.5 | 62.0 | 71.2 | 91 | 49 | 59 | 58 | 59 | 58 | 58 | 74 | 83 | 60 | 54 | 68 |
| November | 29.02 | 30.01 | 29.56 | 28.63 | 59.8 | 54.4 | 66.0 | 69.8 | 53.5 | 51.2 | 56.6 | 58.3 | 74.4 | 52.5 | 63.4 | 88 | 33 | 48 | 48 | 48 | 49 | 48 | 65 | 79 | 55 | 50 | 62 |
| December | 29.03 | 30.03 | 29.39 | 28.55 | 51.2 | 46.0 | 60.6 | 62.9 | 46.6 | 43.2 | 50.9 | 52.7 | 67.7 | 43.7 | 55.7 | 85 | 30 | 42 | 40 | 41 | 44 | 42 | 71 | 80 | 52 | 52 | 64 |
| Year | 28.96 | 29.93 | 29.65 | 28.44 | 66.3 | 61.0 | 72.4 | 76.6 | 58.8 | 57.0 | 61.4 | 62.0 | 79.7 | 59.3 | 69.5 | 108 | 25 | 53 | 54 | 53 | 52 | 53 | 65 | 78 | 54 | 46 | 60 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Dallas, Tex., 512 feet; Davenport, Iowa, 606 feet; Dayton, Ohio, 900 feet.
[2] All data airport, Moline, Ill.
[3] All data airport, Vandalia, Ohio.

## DALLAS, TEX.

Airport [$H$=487 ft.; $H_b$=488 ft.; $H_t$=5 ft.; $H_r$=28 ft.; $H_a$=45 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.47 | 0.26 | 1.0 | 5.2 | 9.7 | n. | 38 | nw. | 1 | 14 | 6 | 11 | 4 | 3 | 3 | 2 | 0 | 4 | 0 | 0 | 0 | 6 | 0 | 0 | 18 | 0 | 1 |
| February | .96 | .50 | .0 | 6.5 | 12.8 | se. | 37 | w. | 5 | 7 | 7 | 14 | 4 | 3 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 5 | 0 | 2 |
| March | 1.94 | 1.33 | .5 | 4.4 | 14.8 | s. | 44 | s. | 9 | 14 | 8 | 9 | 6 | 5 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| April | 12.37 | 3.23 | .0 | 7.3 | 14.3 | se. | 40 | s. | 7 | 4 | 9 | 17 | 15 | 13 | 0 | 0 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 13 |
| May | 4.57 | 2.21 | .0 | 6.4 | 13.2 | s. | 41 | se. | 5 | 6 | 11 | 14 | 7 | 6 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 6 |
| June | 3.87 | 1.26 | .0 | 5.5 | 11.1 | s. | 32 | w. | 1 | 10 | 10 | 10 | 7 | 7 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 17 | 4 | 0 | 0 | 7 |
| July | T | T | .0 | 4.1 | 10.8 | s. | 32 | s. | 1 | 15 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 19 | 0 | 0 | 1 |
| August | 2.72 | 1.98 | .0 | 5.5 | 10.2 | se. | 27 | e. | 0 | 10 | 13 | 8 | 9 | 7 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 24 | 13 | 0 | 0 | 6 |
| September | 4.61 | 3.27 | .0 | 4.7 | 8.7 | se. | 30 | s. | 0 | 12 | 12 | 6 | 5 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 2 |
| October | 6.42 | 3.94 | .0 | 5.5 | 8.3 | se. | 38 | s. | 2 | 11 | 7 | 13 | 6 | 6 | 0 | 0 | 0 | 9 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| November | 1.75 | .81 | .0 | 4.5 | 13.4 | s. | 37 | s. | 2 | 14 | 9 | 7 | 6 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| December | 3.03 | .96 | T | 5.5 | 10.4 | se. | 34 | s. | 1 | 11 | 6 | 14 | 7 | 7 | 3 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| Year | 42.71 | 3.94 | 1.5 | 5.4 | 11.5 | s. | 44 | s. | 34 | 128 | 108 | 129 | 76 | 65 | 10 | 4 | 2 | 57 | 2 | 3 | 4 | 6 | 84 | 37 | 32 | 0 | 44 |

## DAVENPORT, IOWA

Airport [$H$=589 ft.; $H_b$=594 ft.; $H_t$=6 ft.; $H_r$=3 ft.; $H_a$=50 ft.] City [$H$=579 ft.; $H_b$=606 ft.; $H_t$=, 6 ft.; $H_r$=60 ft.; $H_a$=161 ft.]

| Month | Total | Maximum in 24 hours | Total snowfall | Cloudiness | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.93 | 0.72 | 5.4 | 5.1 | 10.2 | nw. | 25 | se. | 0 | 14 | 5 | 12 | 4 | 2 | 7 | 3 | 0 | 9 | 3 | 3 | 2 | 10 | 0 | 0 | 26 | 8 | 0 |
| February | .96 | .36 | 8.1 | 7.5 | 9.6 | ne. | 25 | n. | 0 | 3 | 9 | 16 | 8 | 6 | 14 | 6 | 0 | 8 | 4 | 3 | 1 | 13 | 0 | 0 | 26 | 0 | 0 |
| March | 1.42 | .51 | 1.7 | 8.0 | 11.3 | w. | 32 | nw. | 1 | 3 | 6 | 22 | 12 | 7 | 10 | 2 | 0 | 7 | 2 | 2 | 0 | 1 | 0 | 0 | 12 | 0 | 1 |
| April | 1.15 | .49 | .0 | 5.1 | 10.8 | s. | 32 | sw. | 1 | 14 | 6 | 10 | 4 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |
| May | 3.65 | .73 | .0 | 7.8 | 10.1 | sw. | 31 | sw. | 0 | 1 | 8 | 22 | 12 | 10 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 10 |
| June | 3.88 | 1.08 | .0 | 7.4 | 8.4 | e. | 28 | n. | 0 | 3 | 8 | 19 | 14 | 12 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 12 |
| July | 6.15 | 2.38 | .0 | 5.0 | 8.0 | sw. | 51 | nw. | 1 | 11 | 13 | 7 | 13 | 8 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 9 | 2 | 0 | 0 | 15 |
| August | 2.66 | .82 | .0 | 5.2 | 7.6 | sw. | 28 | nw. | 0 | 10 | 11 | 10 | 9 | 9 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 9 |
| September | 4.22 | 1.10 | T | 6.3 | 8.6 | sw. | 29 | sw. | 0 | 6 | 12 | 12 | 16 | 11 | 1 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 7 |
| October | .79 | .31 | T | 5.1 | 8.6 | w. | 24 | sw. | 0 | 11 | 10 | 10 | 8 | 4 | 1 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 3 |
| November | 3.20 | 1.13 | 2.8 | 7.0 | 11.3 | nw. | 29 | sw. | 0 | 5 | 8 | 17 | 15 | 12 | 7 | 4 | 0 | 11 | 3 | 1 | 1 | 3 | 0 | 0 | 13 | 0 | 2 |
| December | 3.87 | 3.09 | 6.5 | 7.4 | 9.5 | nw. | 24 | w. | 0 | 5 | 7 | 19 | 10 | 6 | 16 | 6 | 1 | 16 | 4 | 2 | 1 | 20 | 0 | 0 | 30 | 4 | 1 |
| Year | 32.88 | 3.09 | 24.5 | 6.4 | 9.5 | sw. | 51 | nw. | 3 | 86 | 103 | 176 | 125 | 90 | 56 | 21 | 3 | 91 | 19 | 11 | 5 | 47 | 23 | 2 | 114 | 12 | 64 |

## DAYTON, OHIO

Airport [$H$=1,000 ft.; $H_b$=1,003 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=36 ft.] City [$H$=743 ft.; $H_b$=900 ft.; $H_t$=186 ft.; $H_r$=179 ft.; $H_a$=213 ft.]

| Month | Total | Maximum in 24 hours | Total snowfall | Cloudiness | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.55 | 0.80 | 3.2 | 6.3 | 11.8 | sw. | 48 | sw. | 3 | 8 | 5 | 18 | 9 | 7 | 12 | 3 | 0 | 8 | 2 | 1 | 0 | 9 | 0 | 0 | 23 | 4 | 1 |
| February | 2.88 | 1.01 | 1.2 | 7.3 | 10.4 | nw. | 30 | w. | 0 | 7 | 2 | 19 | 10 | 5 | 14 | 3 | 0 | 6 | 2 | 1 | 1 | 13 | 0 | 0 | 24 | 0 | 0 |
| March | 2.75 | .69 | 2.1 | 7.5 | 12.6 | w. | 40 | w. | 8 | 5 | 5 | 21 | 11 | 7 | 8 | 2 | 0 | 8 | 4 | 2 | 1 | 0 | 0 | 0 | 11 | 0 | 1 |
| April | 1.69 | .88 | 1.0 | 5.6 | 10.4 | sw. | 33 | nw. | 1 | 9 | 9 | 12 | 7 | 6 | 1 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| May | 2.31 | .59 | .0 | 7.5 | 10.3 | sw. | 35 | s. | 1 | 2 | 12 | 17 | 11 | 7 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| June | 4.27 | 1.83 | .0 | 6.8 | 7.9 | sw. | 30 | w. | 0 | 4 | 12 | 14 | 15 | 10 | 0 | 0 | 1 | 6 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 14 |
| July | 3.82 | 1.55 | .0 | 5.6 | 8.3 | sw. | 35 | w. | 1 | 6 | 15 | 10 | 13 | 11 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 12 |
| August | 2.78 | 1.42 | .0 | 5.7 | 7.5 | n. | 31 | nw. | 0 | 7 | 11 | 13 | 9 | 8 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| September | 2.81 | 1.10 | .0 | 5.1 | 9.0 | sw. | 28 | nw. | 0 | 8 | 13 | 9 | 9 | 6 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| October | 1.86 | .75 | .0 | 5.5 | 9.5 | sw. | 38 | s. | 2 | 11 | 6 | 14 | 9 | 7 | 0 | 0 | 0 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 3 |
| November | 3.84 | 1.74 | T | 7.4 | 12.0 | sw. | 40 | sw. | 3 | 5 | 6 | 19 | 11 | 7 | 2 | 1 | 0 | 10 | 4 | 2 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| December | 3.12 | .85 | 7.5 | 8.1 | 10.2 | sw. | 34 | w. | 2 | 4 | 4 | 23 | 15 | 15 | 11 | 7 | 0 | 14 | 3 | 0 | 0 | 11 | 0 | 0 | 24 | 1 | 0 |
| Year | 33.68 | 1.83 | 15.0 | 6.5 | 10.0 | sw. | 48 | sw. | 21 | 76 | 100 | 189 | 129 | 96 | 48 | 17 | 1 | 87 | 19 | 8 | 2 | 33 | 9 | 0 | 98 | 5 | 46 |

## DEL RIO, TEX.

[$H$=957 ft.; $H_b$=960 ft.; $H_t$=63 ft.; $H_r$=56 ft.; $H_a$=71 ft.]

| Month | Total | Maximum in 24 hours | Total snowfall | Cloudiness | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.30 | 0.30 | 0.0 | 5.1 | 8.2 | se. | 30 | nw. | 0 | 13 | 5 | 13 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 0 |
| February | .75 | .42 | .0 | 7.4 | 9.7 | se. | 27 | nw. | 0 | 4 | 6 | 18 | 9 | 6 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| March | .01 | .03 | .0 | 4.9 | 10.9 | se. | 41 | nw. | 3 | 11 | 11 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | .99 | .47 | .0 | 6.6 | 11.4 | se. | 34 | nw. | 1 | 6 | 10 | 14 | 8 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 |
| May | 4.33 | 3.97 | .0 | 7.0 | 10.6 | se. | 43 | nw. | 2 | 2 | 17 | 12 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 4 |
| June | .70 | .52 | .0 | 4.8 | 10.5 | se. | 30 | w. | 0 | 9 | 20 | 1 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 15 | 0 | 0 | 5 |
| July | .13 | .13 | .0 | 5.5 | 10.9 | se. | 32 | e. | 1 | 7 | 19 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 12 | 0 | 0 | 6 |
| August | 2.92 | 1.69 | .0 | 5.6 | 10.6 | se. | 34 | w. | 1 | 9 | 14 | 8 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 13 | 0 | 0 | 4 |
| September | 3.96 | 3.27 | .0 | 5.5 | 8.3 | se. | 29 | w. | 0 | 7 | 16 | 7 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 |
| October | 1.58 | 1.21 | .0 | 5.5 | 8.1 | se. | 31 | nw. | 0 | 10 | 10 | 11 | 5 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 |
| November | .83 | .75 | .0 | 4.2 | 8.8 | se. | 27 | nw. | 0 | 14 | 8 | 8 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | .39 | .33 | .0 | 3.8 | 8.1 | e. | 32 | nw. | 1 | 18 | 4 | 9 | 5 | 2 | 0 | 0 | 0 | 6 | 2 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 |
| Year | 16.89 | 3.97 | .0 | 5.5 | 9.7 | se. | 43 | nw. | 9 | 110 | 140 | 115 | 56 | 39 | 0 | 0 | 2 | 11 | 5 | 1 | 5 | 0 | 93 | 41 | 11 | 0 | 31 |

## DENVER, COLO.

Airport [$\phi$=39°48′ N.; $\lambda$=104°53′ W.] City [$\phi$=39°45′ N.; $\lambda$=105°00′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 24.79 | 30.22 | 25.22 | 24.39 | 22.1 | 19.5 | 31.6 | 30.4 | 19.2 | 16.4 | 25.7 | 25.7 | 41.1 | 18.8 | 30.0 | 60 | −12 | 14 | 10 | 16 | 18 | 15 | 70 | 64 | 54 | 61 | 62 |
| February | 24.61 | 30.03 | 24.84 | 24.31 | 19.0 | 15.7 | 26.9 | 25.9 | 16.9 | 13.8 | 22.8 | 22.8 | 33.1 | 15.1 | 24.1 | 56 | −4 | 12 | 8 | 16 | 17 | 13 | 73 | 73 | 62 | 70 | 69 |
| March | 24.61 | 29.92 | 25.00 | 24.18 | 31.8 | 28.2 | 41.9 | 43.2 | 27.6 | 24.9 | 33.2 | 34.2 | 48.5 | 27.7 | 38.1 | 64 | 14 | 21 | 19 | 21 | 22 | 21 | 64 | 63 | 44 | 44 | 54 |
| April | 24.60 | 29.81 | 25.06 | 24.22 | 45.2 | 40.4 | 56.1 | 58.8 | 39.6 | 36.5 | 43.5 | 45.1 | 63.0 | 40.0 | 51.5 | 80 | 26 | 34 | 32 | 30 | 31 | 32 | 67 | 74 | 43 | 41 | 56 |
| May | 24.65 | 29.83 | 25.07 | 24.18 | 50.7 | 44.4 | 62.8 | 64.9 | 43.2 | 39.5 | 47.3 | 48.4 | 68.7 | 43.7 | 56.2 | 95 | 32 | 36 | 38 | 32 | 32 | 34 | 62 | 71 | 35 | 35 | 51 |
| June | 24.71 | 29.85 | 25.18 | 24.45 | 58.2 | 53.4 | 71.5 | 71.5 | 53.1 | 49.8 | 55.3 | 56.5 | 76.3 | 53.6 | 65.0 | 90 | 42 | 50 | 47 | 43 | 46 | 45 | 75 | 80 | 41 | 46 | 60 |
| July | 24.85 | 29.97 | 25.10 | 24.65 | 64.9 | 59.2 | 82.2 | 81.0 | 55.9 | 52.5 | 59.8 | 60.1 | 86.3 | 60.3 | 73.3 | 95 | 52 | 50 | 48 | 45 | 46 | 47 | 60 | 67 | 29 | 32 | 47 |
| August | 24.79 | 29.89 | 25.10 | 24.49 | 65.2 | 58.9 | 78.5 | 80.2 | 55.3 | 51.9 | 58.9 | 58.8 | 83.5 | 59.9 | 71.7 | 92 | 51 | 49 | 47 | 46 | 44 | 47 | 57 | 66 | 34 | 32 | 47 |
| September | 24.79 | 29.96 | 25.06 | 24.39 | 55.3 | 48.9 | 69.5 | 70.2 | 47.6 | 43.8 | 52.2 | 52.3 | 74.4 | 48.1 | 61.2 | 90 | 29 | 41 | 39 | 38 | 38 | 39 | 62 | 71 | 36 | 35 | 51 |
| October | 24.76 | 30.00 | 25.14 | 24.34 | 46.7 | 41.4 | 56.5 | 56.8 | 40.3 | 37.4 | 44.3 | 44.7 | 62.1 | 40.8 | 51.4 | 82 | 22 | 34 | 33 | 33 | 34 | 33 | 66 | 74 | 47 | 49 | 59 |
| November | 24.67 | 29.94 | 25.16 | 24.06 | 35.7 | 34.2 | 50.2 | 47.1 | 29.7 | 28.7 | 37.4 | 35.8 | 57.0 | 29.1 | 43.0 | 78 | 15 | 21 | 20 | 21 | 21 | 21 | 56 | 59 | 35 | 39 | 48 |
| December | 24.68 | 30.02 | 25.09 | 24.31 | 31.0 | 28.4 | 42.5 | 39.8 | 26.0 | 24.0 | 33.1 | 31.7 | 48.5 | 25.6 | 37.0 | 63 | 12 | 18 | 16 | 20 | 20 | 18 | 59 | 60 | 42 | 45 | 51 |
| Year | 24.71 | 29.95 | 25.22 | 24.06 | 43.8 | 39.4 | 55.8 | 55.8 | 37.9 | 34.9 | 42.8 | 43.0 | 61.9 | 38.6 | 50.2 | 95 | −12 | 32 | 30 | 30 | 31 | 30 | 64 | 68 | 42 | 44 | 51 |

## DES MOINES, IOWA

Airport [$\phi$=41°31′ N.; $\lambda$=93°38′ W.] City [$\phi$=41°35′ N.; $\phi$=93°37′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.17 | 30.13 | 29.73 | 28.62 | 20.9 | 18.2 | 25.1 | 24.6 | 19.7 | 17.2 | 22.5 | 22.5 | 32.4 | 14.6 | 23.5 | 55 | −17 | 16 | 14 | 18 | 18 | 16 | 82 | 83 | 72 | 74 | 78 |
| February | 29.14 | 30.10 | 29.38 | 28.62 | 22.3 | 20.4 | 26.9 | 26.3 | 21.2 | 19.6 | 24.9 | 24.6 | 30.7 | 18.7 | 24.7 | 45 | −3 | 19 | 17 | 21 | 21 | 20 | 84 | 87 | 76 | 80 | 82 |
| March | 28.91 | 29.85 | 29.42 | 28.37 | 36.1 | 33.4 | 41.6 | 41.3 | 33.6 | 31.5 | 36.6 | 36.9 | 46.5 | 32.3 | 39.4 | 72 | 22 | 30 | 29 | 30 | 31 | 30 | 79 | 83 | 64 | 69 | 74 |
| April | 29.07 | 29.99 | 29.51 | 28.61 | 50.9 | 45.4 | 61.7 | 63.0 | 44.9 | 41.9 | 50.5 | 51.4 | 68.3 | 44.0 | 56.2 | 85 | 28 | 38 | 38 | 39 | 40 | 39 | 63 | 75 | 46 | 45 | 57 |
| May | 28.99 | 29.91 | 29.37 | 28.41 | 57.3 | 53.4 | 64.5 | 65.8 | 53.6 | 50.8 | 55.6 | 57.3 | 70.1 | 51.9 | 61.0 | 91 | 37 | 51 | 48 | 49 | 51 | 50 | 79 | 84 | 59 | 62 | 71 |
| June | 29.01 | 29.91 | 29.26 | 28.65 | 66.2 | 63.6 | 74.6 | 76.1 | 63.0 | 61.4 | 65.9 | 66.9 | 80.7 | 62.3 | 71.5 | 95 | 45 | 61 | 60 | 61 | 62 | 61 | 84 | 88 | 64 | 63 | 75 |
| July | 29.05 | 29.96 | 29.28 | 28.82 | 70.2 | 67.2 | 81.0 | 80.9 | 66.8 | 65.3 | 70.9 | 71.2 | 86.0 | 66.2 | 76.1 | 97 | 55 | 65 | 64 | 66 | 66 | 65 | 84 | 90 | 60 | 63 | 75 |
| August | 29.06 | 29.97 | 29.32 | 28.90 | 68.1 | 64.8 | 78.9 | 77.9 | 64.7 | 62.8 | 68.6 | 68.8 | 83.7 | 64.1 | 73.9 | 95 | 47 | 63 | 62 | 64 | 64 | 63 | 84 | 90 | 60 | 64 | 74 |
| September | 29.08 | 30.00 | 29.57 | 28.74 | 58.5 | 55.5 | 66.4 | 65.0 | 55.8 | 53.7 | 59.1 | 58.7 | 72.3 | 53.7 | 63.0 | 90 | 28 | 54 | 52 | 54 | 54 | 54 | 84 | 88 | 66 | 69 | 77 |
| October | 29.06 | 29.99 | 29.43 | 28.41 | 50.6 | 44.7 | 60.5 | 58.3 | 45.7 | 42.2 | 50.0 | 49.2 | 66.6 | 43.7 | 55.2 | 84 | 21 | 41 | 39 | 40 | 40 | 40 | 70 | 82 | 49 | 52 | 63 |
| November | 29.05 | 29.96 | 29.57 | 28.46 | 37.8 | 35.4 | 44.0 | 41.3 | 35.2 | 33.3 | 39.2 | 37.4 | 49.3 | 31.4 | 40.4 | 76 | 8 | 32 | 30 | 33 | 33 | 32 | 78 | 81 | 67 | 72 | 75 |
| December | 29.15 | 30.12 | 29.69 | 28.62 | 20.3 | 19.8 | 24.4 | 22.9 | 19.5 | 18.8 | 22.9 | 21.7 | 29.7 | 15.5 | 22.6 | 47 | −2 | 18 | 16 | 19 | 19 | 18 | 88 | 84 | 80 | 83 | 84 |
| Year | 29.06 | 29.99 | 29.73 | 28 37 | 46.6 | 43.5 | 54.1 | 53.6 | 43.6 | 41.5 | 47.2 | 47.2 | 59.7 | 41.5 | 50.6 | 97 | −17 | 41 | 39 | 41 | 42 | 41 | 80 | 85 | 64 | 66 | 74 |

## DETROIT, MICH.

Airport [$\phi$=42°24′ N.; $\lambda$=83°00′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.22 | 30.04 | 29.67 | 28.32 | 23.8 | 22.9 | 29.7 | 27.2 | 21.9 | 21.2 | 26.4 | 24.9 | 32.0 | 19.6 | 25.8 | 52 | −5 | 17 | 16 | 20 | 20 | 18 | 73 | 75 | 64 | 71 | 71 |
| February | 29.23 | 30.05 | 29.64 | 28.58 | 21.8 | 19.9 | 25.8 | 24.5 | 20.5 | 18.8 | 23.5 | 22.8 | 28.1 | 17.2 | 22.6 | 44 | 2 | 17 | 16 | 18 | 19 | 18 | 81 | 83 | 71 | 76 | 78 |
| March | 29.05 | 29.86 | 29.50 | 27.90 | 35.9 | 33.9 | 40.2 | 39.1 | 33.6 | 31.9 | 35.8 | 35.5 | 45.1 | 31.9 | 38.5 | 64 | 25 | 30 | 29 | 30 | 30 | 30 | 79 | 81 | 67 | 71 | 74 |
| April | 29.28 | 30.08 | 29.59 | 28.89 | 46.8 | 46.1 | 60.5 | 57.0 | 41.9 | 41.7 | 48.9 | 47.2 | 63.8 | 42.0 | 52.9 | 87 | 29 | 36 | 37 | 38 | 37 | 37 | 68 | 72 | 47 | 52 | 60 |
| May | 29.21 | 30.00 | 29.54 | 28.80 | 54.9 | 55.5 | 66.0 | 62.1 | 50.7 | 51.6 | 56.2 | 55.1 | 69.1 | 49.9 | 59.5 | 93 | 36 | 47 | 48 | 49 | 50 | 48 | 76 | 77 | 56 | 66 | 69 |
| June | 29.20 | 29.97 | 29.51 | 28.86 | 63.6 | 64.6 | 75.7 | 72.8 | 60.0 | 60.1 | 64.7 | 63.7 | 78.6 | 59.3 | 69.0 | 90 | 46 | 58 | 57 | 58 | 59 | 58 | 82 | 77 | 56 | 63 | 70 |
| July | 29.22 | 29.96 | 29.42 | 28.98 | 68.4 | 68.8 | 80.9 | 78.3 | 63.6 | 63.9 | 67.2 | 66.7 | 83.5 | 63.7 | 73.6 | 99 | 50 | 61 | 61 | 60 | 60 | 60 | 78 | 77 | 50 | 56 | 65 |
| August | 29.27 | 30.04 | 29.59 | 28.99 | 66.6 | 65.1 | 77.5 | 73.1 | 63.1 | 62.0 | 66.6 | 65.4 | 79.5 | 61.8 | 70.6 | 88 | 48 | 61 | 60 | 61 | 61 | 61 | 83 | 84 | 58 | 67 | 73 |
| September | 29.26 | 30.05 | 29.74 | 28.87 | 58.2 | 56.7 | 69.8 | 64.0 | 55.5 | 54.4 | 60.1 | 57.6 | 72.3 | 52.9 | 62.6 | 89 | 32 | 53 | 52 | 53 | 53 | 53 | 84 | 86 | 57 | 68 | 74 |
| October | 29.22 | 30.02 | 29.63 | 28.54 | 50.1 | 47.6 | 59.3 | 54.8 | 47.2 | 45.2 | 50.8 | 49.2 | 61.7 | 45.0 | 53.4 | 81 | 30 | 44 | 42 | 43 | 44 | 44 | 81 | 83 | 58 | 68 | 72 |
| November | 29.24 | 30.04 | 29.73 | 28.63 | 40.0 | 37.8 | 44.0 | 42.2 | 37.5 | 35.7 | 39.3 | 38.6 | 49.0 | 33.4 | 41.2 | 70 | 20 | 34 | 33 | 34 | 34 | 34 | 80 | 82 | 67 | 72 | 75 |
| December | 29.24 | 30.06 | 29.81 | 28.36 | 25.0 | 24.2 | 27.6 | 27.1 | 23.6 | 23.0 | 25.8 | 25.6 | 30.2 | 20.9 | 25.6 | 43 | 0 | 21 | 20 | 22 | 22 | 21 | 82 | 83 | 78 | 81 | 81 |
| Year | 29.22 | 30.02 | 29.81 | 27.90 | 46.3 | 45.3 | 54.8 | 51.8 | 43.3 | 42.5 | 47.1 | 46.0 | 57.7 | 41.5 | 49.6 | 99 | −5 | 40 | 39 | 40 | 41 | 40 | 79 | 80 | 61 | 68 | 72 |

## DEVILS LAKE, N. DAK.

[$\phi$=48°07′ N.; $\lambda$=98°52′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 28.42 | 30.07 | 28.87 | 27.96 | 14.0 | 11.1 | 19.7 | 19.7 | 13.2 | 10.7 | 17.6 | 17.8 | 25.3 | 6.9 | 16.1 | 47 | −27 | 10 | 9 | 12 | 14 | 11 | 85 | 92 | 73 | 78 | 82 |
| February | 28.50 | 30.16 | 28.78 | 27.94 | 9.1 | 6.7 | 15.6 | 15.3 | 8.9 | 6.6 | 14.3 | 14.4 | 20.6 | 2.6 | 11.6 | 36 | −23 | 8 | 6 | 10 | 11 | 9 | 95 | 98 | 79 | 83 | 89 |
| March | 28.27 | 29.88 | 28.80 | 27.74 | 26.9 | 24.3 | 32.7 | 32.4 | 25.8 | 23.8 | 30.1 | 30.0 | 36.4 | 22.0 | 29.2 | 56 | 10 | 24 | 23 | 26 | 26 | 25 | 88 | 95 | 77 | 79 | 85 |
| April | 28.35 | 29.94 | 28.79 | 27.78 | 39.8 | 36.4 | 46.3 | 48.9 | 37.3 | 34.9 | 40.8 | 42.8 | 51.6 | 33.9 | 42.8 | 81 | 15 | 34 | 33 | 34 | 37 | 35 | 81 | 87 | 64 | 65 | 74 |
| May | 28.40 | 29.98 | 28.74 | 27.75 | 45.4 | 42.1 | 54.7 | 55.8 | 42.1 | 39.8 | 46.3 | 46.8 | 59.1 | 38.8 | 49.0 | 78 | 27 | 38 | 37 | 37 | 37 | 38 | 78 | 83 | 56 | 54 | 68 |
| June | 28.33 | 29.88 | 28.66 | 27.94 | 55.6 | 53.3 | 65.3 | 65.5 | 52.7 | 51.7 | 57.0 | 56.9 | 69.6 | 50.6 | 60.1 | 81 | 39 | 50 | 50 | 51 | 50 | 50 | 83 | 86 | 61 | 60 | 73 |
| July | 28.40 | 29.95 | 28.72 | 28.02 | 60.6 | 57.5 | 72.9 | 73.4 | 58.4 | 56.0 | 62.4 | 63.7 | 76.9 | 54.7 | 65.8 | 89 | 43 | 57 | 55 | 56 | 58 | 56 | 88 | 92 | 56 | 60 | 74 |
| August | 28.35 | 29.90 | 28.70 | 28.00 | 59.8 | 56.2 | 72.2 | 71.3 | 57.9 | 55.4 | 62.7 | 63.0 | 76.4 | 54.0 | 65.2 | 94 | 42 | 57 | 55 | 57 | 58 | 57 | 90 | 96 | 61 | 66 | 78 |
| September | 28.41 | 29.98 | 28.83 | 27.96 | 47.2 | 43.7 | 59.5 | 58.7 | 45.4 | 42.8 | 50.6 | 51.2 | 63.7 | 41.7 | 52.7 | 86 | 21 | 44 | 42 | 43 | 45 | 44 | 88 | 93 | 56 | 62 | 75 |
| October | 28.36 | 29.95 | 28.82 | 27.84 | 41.8 | 37.0 | 53.6 | 50.5 | 38.4 | 35.1 | 44.0 | 42.5 | 58.1 | 34.5 | 46.3 | 80 | 10 | 34 | 33 | 34 | 35 | 34 | 75 | 84 | 51 | 57 | 67 |
| November | 28.34 | 29.96 | 28.95 | 27.47 | 23.7 | 20.8 | 31.8 | 28.8 | 21.7 | 19.5 | 27.4 | 25.6 | 36.8 | 15.7 | 26.2 | 61 | −6 | 18 | 17 | 20 | 20 | 19 | 79 | 85 | 62 | 71 | 74 |
| December | 28.44 | 30.11 | 29.03 | 27.87 | 5.0 | 3.7 | 8.9 | 7.8 | 4.5 | 3.4 | 8.2 | 7.3 | 15.5 | −3.6 | 6.0 | 32 | −20 | 2 | 2 | 6 | 5 | 4 | 88 | 92 | 87 | 88 | 89 |
| Year | 28.38 | 29.98 | 29.03 | 27.47 | 35.7 | 32.7 | 44.4 | 44.0 | 33.9 | 31.6 | 38.4 | 38.5 | 49.2 | 29.3 | 39.2 | 94 | −27 | 31 | 30 | 32 | 33 | 32 | 85 | 90 | 65 | 69 | 77 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Denver, Colo., 5,292 feet; Des Moines, Iowa, 860 feet; Detroit, Mich., 730 feet.
[2] Airport data.

## DENVER, COLO.

Airport [$H$=5,299 ft.; $H_b$=5,332 ft.; $H_l$=47 ft.; $H_r$=42 ft.; $H_a$=59 ft.] City [$H$=5,221 ft.; $H_b$=5,292 ft.; $H_l$=106 ft.; $H_r$=98 ft.; $H_a$=113 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 0.65 | 0.54 | 7.7 | 3.9 | 7.2 | s. | 29 | w. | 0 | 17 | 8 | 6 | 4 | 2 | 7 | 4 | 0 | 5 | 0 | 0 | 0 | 8 | 0 | 0 | 25 | 6 | 0 |
| February | 1.44 | .66 | 19.5 | 6.4 | 7.0 | s. | 27 | w. | 0 | 4 | 13 | 11 | 14 | 7 | 16 | 14 | 0 | 4 | 2 | 0 | 0 | 13 | 0 | 0 | 27 | 2 | 0 |
| March | .91 | .32 | 10.2 | 4.3 | 8.2 | s. | 34 | ne. | 1 | 14 | 10 | 7 | 6 | 4 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 20 | 0 | 1 |
| April | 4.01 | 1.36 | 6.1 | 6.1 | 8.9 | s. | 39 | nw. | 1 | 6 | 12 | 12 | 10 | 8 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 |
| May | 1.00 | .84 | T | 5.2 | 7.8 | ne. | 29 | ne. | 0 | 8 | 16 | 7 | 5 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 2 |
| June | 1.85 | .99 | 0 | 5.7 | 7.4 | s. | 28 | ne. | 0 | 6 | 15 | 9 | 10 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 10 |
| July | 1.21 | .44 | 0 | 4.2 | 7.3 | s. | 32 | n. | 2 | 11 | 16 | 4 | 10 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 13 |
| August | .39 | .38 | 0 | 4.8 | 7.1 | s. | 26 | n. | 0 | 11 | 14 | 6 | 3 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 |
| September | .69 | .38 | .3 | 3.9 | 7.1 | s. | 26 | nw. | 0 | 16 | 7 | 7 | 7 | 5 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 |
| October | 3.72 | 1.15 | 10.6 | 4.7 | 7.0 | s. | 25 | nw. | 0 | 13 | 8 | 10 | 8 | 6 | 4 | 4 | 1 | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 6 | 0 | 2 |
| November | .23 | .22 | 2.8 | 4.5 | 7.7 | s. | 31 | nw. | 0 | 12 | 12 | 6 | 3 | 1 | 7 | 3 | 0 | 4 | 4 | 2 | 2 | 1 | 0 | 0 | 22 | 0 | 0 |
| December | .35 | .28 | 4.5 | 4.9 | 7.6 | s. | 28 | w. | 0 | 9 | 16 | 6 | 3 | 2 | 7 | 3 | 0 | 8 | 8 | 7 | 6 | 4 | 0 | 0 | 25 | 0 | 0 |
| Year | 16.45 | 1.36 | 61.7 | 4.9 | 7.5 | s. | 39 | nw. | 4 | 127 | 147 | 91 | 83 | 49 | 59 | 41 | 4 | 26 | 17 | 10 | 9 | 28 | 15 | 1 | 131 | 8 | 39 |

## DES MOINES, IOWA

Airport [$H$=954 ft.; $H_b$=963 ft.; $H_l$=31 ft.; $H_r$=22 ft.; $H_a$=47 ft.] City [$H$=800 ft.; $H_b$=860 ft.; $H_l$=5 ft.; $H_r$=3 ft.; $H_a$=99 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.18 | 1.34 | 17.7 | 4.2 | 10.5 | nw. | 30 | n. | 0 | 15 | 9 | 7 | 1 | 1 | 3 | 1 | 0 | 10 | 7 | 2 | 2 | 11 | 0 | 0 | 29 | 9 | 0 |
| February | 1.20 | .54 | 10.6 | 8.1 | 9.6 | n. | 28 | n. | 0 | 3 | 4 | 21 | 8 | 5 | 17 | 7 | 0 | 7 | 2 | 2 | 1 | 15 | 0 | 0 | 26 | 2 | 0 |
| March | 2.01 | .81 | 2.7 | 7.3 | 12.3 | nw. | 30 | nw. | 0 | 7 | 3 | 21 | 7 | 6 | 10 | 3 | 1 | 4 | 2 | 0 | 0 | 2 | 0 | 0 | 15 | 0 | 3 |
| April | 1.03 | .50 | .0 | 5.2 | 11.5 | se. | 38 | se. | 3 | 12 | 7 | 11 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 3 |
| May | 6.62 | 2.31 | .0 | 6.3 | 10.3 | sw. | 34 | se. | 2 | 5 | 14 | 12 | 10 | 7 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 9 |
| June | 9.00 | 2.91 | .0 | 6.7 | 8.8 | se. | 38 | nw. | 2 | 5 | 11 | 14 | 15 | 12 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 13 |
| July | 7.11 | 3.87 | .0 | 4.3 | 8.2 | s. | 33 | sw. | 1 | 12 | 17 | 2 | 13 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 13 |
| August | 2.53 | 1.66 | .0 | 4.5 | 7.9 | s. | 33 | sw. | 1 | 12 | 13 | 6 | 6 | 6 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 5 |
| September | 3.03 | 1.51 | .3 | 5.8 | 8.9 | n. | 27 | nw. | 0 | 10 | 9 | 11 | 10 | 9 | 1 | 1 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 6 |
| October | 2.50 | 1.72 | T | 3.9 | 8.5 | nw. | 27 | n. | 0 | 18 | 7 | 6 | 7 | 5 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| November | 1.73 | .70 | 4.8 | 6.6 | 10.9 | se. | 29 | sw. | 0 | 8 | 5 | 17 | 10 | 8 | 10 | 5 | 0 | 7 | 1 | 1 | 1 | 3 | 0 | 0 | 16 | 0 | 0 |
| December | 1.23 | .54 | 5.6 | 6.5 | 9.6 | n. | 31 | n. | 0 | 6 | 12 | 13 | 11 | 5 | 15 | 8 | 0 | 8 | 5 | 3 | 2 | 18 | 0 | 0 | 30 | 2 | 0 |
| Year | 39.17 | 3.87 | 41.7 | 5.8 | 9.7 | se. | 38 | nw. | 9 | 113 | 111 | 141 | 103 | 77 | 58 | 25 | 4 | 61 | 18 | 8 | 6 | 49 | 19 | 3 | 123 | 13 | 53 |

## DETROIT, MICH.

Airport [$H$=619 ft.; $H_b$=626 ft.; $H_l$=5 ft.; $H_r$=4 ft.; $H_a$=78 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.03 | 1.05 | 3.3 | 7.2 | 12.3 | sw. | 40 | sw. | 3 | 6 | 6 | 19 | 9 | 6 | 13 | 5 | 0 | 10 | 2 | 1 | 1 | 12 | 0 | 0 | 27 | 4 | 0 |
| February | 1.60 | .47 | 9.3 | 7.6 | 10.7 | nw. | 27 | nw. | 0 | 2 | 11 | 15 | 14 | 9 | 25 | 12 | 0 | 8 | 3 | 1 | 1 | 18 | 0 | 0 | 26 | 0 | 0 |
| March | 2.38 | .86 | 2.2 | 8.3 | 12.0 | nw. | 42 | sw. | 4 | 3 | 4 | 24 | 16 | 10 | 13 | 6 | 0 | 14 | 1 | 1 | 1 | 0 | 0 | 0 | 18 | 0 | 1 |
| April | 1.45 | .80 | 4.7 | 5.8 | 10.2 | sw. | 27 | sw. | 0 | 10 | 6 | 14 | 5 | 4 | 4 | 3 | 0 | 7 | 4 | 1 | 1 | 0 | 0 | 0 | 5 | 0 | 0 |
| May | 4.51 | 1.35 | .0 | 7.5 | 9.6 | s. | 45 | nw. | 1 | 3 | 8 | 20 | 17 | 12 | 0 | 0 | 1 | 14 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 9 |
| June | 2.31 | .71 | .0 | 6.3 | 7.7 | ne. | 29 | w. | 0 | 3 | 17 | 10 | 11 | 8 | 0 | 0 | 0 | 9 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 4 |
| July | 3.35 | .93 | .0 | 4.9 | 8.6 | w. | 32 | nw. | 1 | 9 | 18 | 4 | 13 | 10 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 6 | 2 | 0 | 0 | 10 |
| August | 4.12 | 2.03 | .0 | 5.7 | 7.6 | sw. | 34 | w. | 2 | 9 | 12 | 10 | 10 | 10 | 0 | 0 | 0 | 13 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5 |
| September | 2.95 | .95 | .0 | 6.0 | 8.8 | s. | 33 | nw. | 1 | 9 | 10 | 11 | 14 | 12 | 0 | 0 | 0 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 4.00 | 1.49 | T | 5.9 | 9.3 | sw. | 33 | se. | 1 | 10 | 7 | 14 | 12 | 10 | 1 | 0 | 0 | 15 | 3 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 4 |
| November | 2.92 | 1.34 | 4.4 | 7.7 | 11.3 | w. | 35 | w. | 2 | 3 | 7 | 20 | 13 | 9 | 10 | 4 | 0 | 13 | 4 | 1 | 1 | 2 | 0 | 0 | 15 | 0 | 0 |
| December | 3.42 | 1.42 | 9.2 | 8.1 | 11.2 | sw. | 37 | w. | 1 | 4 | 6 | 21 | 17 | 11 | 18 | 11 | 1 | 13 | 0 | 0 | 0 | 16 | 0 | 0 | 26 | 0 | 0 |
| Year | 35.04 | 2.03 | 33.1 | 6.8 | 9.9 | sw. | 45 | nw. | 16 | 71 | 112 | 182 | 151 | 111 | 84 | 41 | 2 | 140 | 23 | 10 | 8 | 48 | 8 | 2 | 120 | 4 | 33 |

## DEVILS LAKE, N. DAK.

[$H$=1,472 ft.; $H_b$=1,478 ft.; $H_l$=11 ft.; $H_r$=4 ft.; $H_a$=44 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.04 | 0.02 | 0.7 | 6.1 | 9.6 | w. | 34 | nw. | 1 | 8 | 10 | 13 | 2 | 0 | 15 | 2 | 0 | 3 | 2 | 0 | 0 | 14 | 0 | 0 | 31 | 10 | 0 |
| February | .23 | .05 | 2.6 | 8.2 | 7.8 | se. | 26 | nw. | 0 | 1 | 9 | 18 | 7 | 3 | 24 | 7 | 0 | 5 | 0 | 0 | 0 | 25 | 0 | 0 | 28 | 7 | 0 |
| March | 2.14 | .96 | 16.8 | 7.8 | 10.4 | nw. | 33 | n. | 1 | 5 | 6 | 20 | 12 | 8 | 21 | 12 | 0 | 9 | 3 | 3 | 1 | 8 | 0 | 0 | 31 | 0 | 0 |
| April | .63 | .21 | 2.7 | 7.6 | 10.8 | se. | 26 | nw. | 0 | 2 | 11 | 17 | 10 | 7 | 4 | 3 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 12 | 0 | 0 |
| May | 3.01 | .98 | T | 7.9 | 11.2 | ne. | 30 | n. | 0 | 5 | 3 | 23 | 13 | 9 | 4 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 1 |
| June | 2.63 | 1.51 | .0 | 7.4 | 9.4 | se. | 23 | nw. | 0 | 4 | 7 | 19 | 13 | 10 | 0 | 0 | 0 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | 4.25 | 1.32 | .0 | 6.9 | 6.7 | nw. | 31 | nw. | 0 | 6 | 8 | 17 | 13 | 10 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| August | 3.36 | 2.46 | .0 | 6.2 | 7.6 | nw. | 27 | e. | 0 | 7 | 9 | 15 | 13 | 8 | 0 | 0 | 0 | 13 | 4 | 4 | 3 | 0 | 1 | 0 | 0 | 0 | 7 |
| September | 1.15 | .41 | T | 5.2 | 8.1 | s. | 28 | se. | 0 | 10 | 8 | 12 | 10 | 5 | 3 | 1 | 1 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 9 | 0 | 2 |
| October | .23 | .11 | .0 | 5.4 | 8.7 | nw. | 29 | nw. | 0 | 10 | 10 | 11 | 7 | 2 | 8 | 4 | 0 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 11 | 0 | 0 |
| November | .08 | .04 | 1.4 | 6.3 | 8.6 | nw. | 25 | se. | 0 | 8 | 7 | 15 | 3 | 1 | 12 | 3 | 0 | 2 | 1 | 0 | 0 | 10 | 0 | 0 | 29 | 2 | 0 |
| December | .55 | .13 | 9.0 | 8.0 | 8.0 | nw. | 24 | n. | 0 | 2 | 7 | 22 | 9 | 6 | 30 | 9 | 0 | 6 | 4 | 2 | 2 | 31 | 0 | 0 | 31 | 20 | 0 |
| Year | 18.30 | 2.46 | 33.9 | 6.9 | 8.9 | nw. | 34 | nw. | 2 | 68 | 95 | 202 | 112 | 69 | 121 | 42 | 1 | 61 | 17 | 12 | 7 | 95 | 1 | 0 | 188 | 39 | 21 |

## DODGE CITY, KANS.

[2 Airport [$\phi$=37°46′ N.; $\lambda$=99°58′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 27.52 | 30.22 | 27.95 | 26.99 | 25.8 | 21.9 | 39.2 | 35.9 | 23.2 | 20.2 | 31.7 | 29.8 | 44.8 | 18.2 | 31.5 | 68 | −13 | 19 | 17 | 21 | 21 | 20 | 76 | 80 | 51 | 57 | 66 |
| February | 27.35 | 30.02 | 27.72 | 26.90 | 27.6 | 24.0 | 36.5 | 36.3 | 25.6 | 22.6 | 31.3 | 31.3 | 42.1 | 21.3 | 31.7 | 64 | −4 | 22 | 20 | 24 | 24 | 23 | 80 | 84 | 61 | 63 | 72 |
| March | 27.27 | 29.89 | 27.75 | 26.66 | 37.7 | 33.9 | 51.4 | 52.4 | 34.2 | 31.5 | 40.7 | 41.2 | 53.2 | 31.3 | 44.8 | 81 | 24 | 30 | 28 | 28 | 28 | 28 | 72 | 78 | 43 | 40 | 58 |
| April | 27.28 | 29.87 | 27.70 | 26.66 | 51.6 | 47.2 | 62.0 | 61.8 | 47.6 | 44.8 | 52.4 | 52.6 | 66.7 | 44.5 | 55.6 | 89 | 31 | 44 | 42 | 44 | 35 | 44 | 77 | 84 | 57 | 60 | 69 |
| May | 27.29 | 29.85 | 27.75 | 26.78 | 56.2 | 52.9 | 70.8 | 71.8 | 51.2 | 49.5 | 56.8 | 57.4 | 76.7 | 49.5 | 63.1 | 99 | 35 | 47 | 47 | 47 | 47 | 47 | 73 | 80 | 44 | 43 | 60 |
| June | 27.30 | 29.83 | 27.71 | 26.98 | 67.7 | 64.3 | 78.6 | 79.7 | 62.1 | 60.7 | 65.7 | 66.1 | 84.1 | 61.6 | 72.8 | 100 | 46 | 59 | 59 | 59 | 59 | 59 | 75 | 83 | 54 | 52 | 66 |
| July [2] | 27.40 | 29.92 | 27.72 | 27.19 | 73.4 | 68.8 | 90.2 | 89.4 | 63.7 | 62.3 | 67.7 | 67.3 | 95.0 | 67.0 | 81.0 | 104 | 59 | 58 | 58 | 56 | 55 | 57 | 61 | 71 | 34 | 34 | 50 |
| August | 27.39 | 29.92 | 27.66 | 27.19 | 70.2 | 65.9 | 84.0 | 83.0 | 64.9 | 63.0 | 68.6 | 68.3 | 88.9 | 64.1 | 76.5 | 101 | 55 | 62 | 62 | 61 | 61 | 62 | 77 | 86 | 48 | 50 | 65 |
| September | 27.40 | 29.96 | 27.78 | 27.00 | 60.7 | 56.0 | 73.8 | 72.4 | 55.2 | 52.7 | 60.3 | 59.4 | 80.2 | 53.8 | 67.0 | 97 | 31 | 51 | 50 | 51 | 50 | 50 | 72 | 81 | 50 | 50 | 63 |
| October | 27.40 | 29.99 | 27.74 | 26.91 | 52.1 | 48.0 | 64.4 | 60.3 | 48.1 | 45.7 | 53.3 | 52.0 | 68.8 | 45.6 | 57.2 | 88 | 30 | 45 | 44 | 44 | 46 | 45 | 77 | 85 | 52 | 61 | 69 |
| November | 27.36 | 29.99 | 27.90 | 26.78 | 40.1 | 34.6 | 51.6 | 47.8 | 36.2 | 32.4 | 42.3 | 40.6 | 58.4 | 30.8 | 44.6 | 82 | 8 | 31 | 30 | 32 | 33 | 31 | 72 | 81 | 51 | 58 | 66 |
| December | 27.41 | 30.08 | 27.85 | 27.06 | 29.3 | 26.9 | 36.8 | 33.9 | 27.8 | 25.7 | 33.3 | 31.6 | 41.3 | 22.9 | 32.1 | 62 | 6 | 26 | 24 | 29 | 28 | 27 | 86 | 88 | 74 | 81 | 82 |
| Year | 27.36 | 29.96 | 27.95 | 26.66 | 49.4 | 45.4 | 61.6 | 60.4 | 45.0 | 42.6 | 50.3 | 49.8 | 67.1 | 42.6 | 54.8 | 104 | −13 | 41 | 40 | 41 | 41 | 41 | 75 | 82 | 52 | 54 | 66 |

## DUBUQUE, IOWA

[$\phi$=42°30′ N.; $\lambda$=90°40′ W.]

| Month | Station level | Sea level | Station level Maximum | Station level Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.31 | 30.10 | 29.88 | 28.56 | 20.9 | 18.5 | 24.6 | 23.0 | 19.3 | 17.4 | 21.8 | 20.9 | 29.5 | 14.2 | 21.8 | 48 | −17 | 15 | 14 | 16 | 16 | 15 | 77 | 82 | 67 | 74 | 75 |
| February | 29.34 | 30.13 | 29.63 | 28.76 | 22.7 | 20.8 | 27.0 | 26.7 | 20.8 | 19.5 | 23.9 | 23.9 | 29.9 | 18.6 | 24.2 | 41 | 0 | 16 | 16 | 17 | 18 | 17 | 74 | 80 | 64 | 67 | 71 |
| March | 29.08 | 29.84 | 29.49 | 28.47 | 36.8 | 34.4 | 42.8 | 42.1 | 33.8 | 32.0 | 36.8 | 36.6 | 46.5 | 32.4 | 39.4 | 70 | 21 | 30 | 28 | 28 | 29 | 29 | 75 | 78 | 58 | 61 | 68 |
| April | 29.29 | 30.04 | 29.70 | 28.76 | 49.7 | 46.1 | 61.4 | 61.4 | 44.0 | 41.9 | 50.1 | 49.5 | 66.0 | 44.1 | 55.0 | 87 | 28 | 38 | 37 | 39 | 38 | 38 | 64 | 71 | 46 | 44 | 56 |
| May | 29.20 | 29.94 | 29.58 | 28.67 | 55.7 | 53.4 | 63.6 | 63.6 | 51.2 | 50.5 | 55.3 | 55.7 | 68.8 | 50.1 | 59.4 | 90 | 37 | 47 | 48 | 48 | 50 | 48 | 74 | 82 | 62 | 62 | 70 |
| June | 29.21 | 29.95 | 29.45 | 28.82 | 65.3 | 64.0 | 74.1 | 73.8 | 61.7 | 60.9 | 65.2 | 65.0 | 78.1 | 60.7 | 69.4 | 91 | 47 | 59 | 59 | 60 | 60 | 59 | 81 | 83 | 63 | 63 | 73 |
| July | 29.24 | 29.97 | 29.45 | 28.99 | 69.6 | 67.9 | 79.7 | 79.8 | 65.3 | 64.6 | 68.8 | 70.0 | 84.1 | 64.9 | 74.5 | 95 | 52 | 63 | 63 | 63 | 65 | 64 | 80 | 84 | 58 | 62 | 71 |
| August | 29.26 | 30.00 | 29.54 | 29.04 | 67.1 | 65.1 | 77.4 | 76.1 | 63.1 | 62.4 | 67.3 | 67.5 | 81.3 | 62.6 | 72.0 | 92 | 47 | 61 | 61 | 62 | 63 | 62 | 80 | 86 | 60 | 65 | 73 |
| September | 29.27 | 30.01 | 29.76 | 28.91 | 57.8 | 55.5 | 67.1 | 64.2 | 54.8 | 53.4 | 58.4 | 58.0 | 69.8 | 52.8 | 61.3 | 90 | 29 | 52 | 52 | 52 | 53 | 52 | 82 | 87 | 60 | 69 | 74 |
| October | 29.24 | 29.99 | 29.63 | 28.57 | 48.5 | 44.7 | 59.2 | 55.8 | 44.8 | 42.2 | 49.1 | 48.0 | 63.3 | 42.2 | 52.8 | 79 | 18 | 41 | 39 | 39 | 40 | 40 | 76 | 81 | 49 | 56 | 66 |
| November | 29.24 | 30.01 | 29.76 | 28.64 | 36.9 | 35.6 | 43.1 | 41.0 | 34.6 | 33.2 | 37.9 | 36.3 | 47.0 | 30.8 | 38.9 | 74 | 10 | 30 | 29 | 31 | 30 | 30 | 75 | 78 | 62 | 64 | 70 |
| December | 29.33 | 30.12 | 29.91 | 28.75 | 19.1 | 17.9 | 24.1 | 22.5 | 18.1 | 17.0 | 22.1 | 21.0 | 27.4 | 13.7 | 20.6 | 41 | −4 | 15 | 14 | 17 | 17 | 16 | 84 | 84 | 73 | 78 | 80 |
| Year | 29.25 | 30.01 | 29.91 | 28.47 | 45.8 | 43.7 | 53.7 | 52.5 | 42.6 | 41.2 | 46.4 | 46.0 | 57.6 | 40.6 | 49.1 | 95 | −17 | 39 | 38 | 39 | 40 | 39 | 77 | 81 | 60 | 64 | 71 |

## DULUTH, MINN.

Airport [$\phi$=46°50′ N.; $\lambda$=92°11′ W.] City [$\phi$=46°47′ N.; $\lambda$=92°6′ W.]

| Month | Station level | Sea level | Station level Maximum | Station level Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | | | | | | | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) |
| January | 28.74 | 30.02 | 29.13 | 28.36 | 13.7 | 11.2 | 17.8 | 17.4 | 12.8 | 10.6 | 16.2 | 15.8 | 25.5 | 8.4 | 17.0 | 55 | −26 | 10 | 9 | 12 | 11 | 10 | 83 | 88 | 78 | 76 | 81 |
| February | 28.87 | 30.16 | 29.14 | 28.34 | 10.2 | 8.3 | 18.9 | 17.0 | 9.7 | 8.0 | 17.3 | 15.8 | 24.3 | 7.8 | 16.0 | 41 | −22 | 8 | 7 | 13 | 12 | 10 | 89 | 93 | 76 | 80 | 84 |
| March | 28.61 | 29.86 | 29.04 | 28.19 | 25.7 | 22.9 | 32.9 | 31.3 | 24.5 | 22.1 | 29.6 | 28.7 | 37.2 | 25.7 | 31.4 | 46 | 14 | 22 | 20 | 24 | 24 | 23 | 86 | 90 | 69 | 74 | 80 |
| April | 28.79 | 30.03 | 29.32 | 28.13 | 38.1 | 36.3 | 51.5 | 47.7 | 34.9 | 33.7 | 43.4 | 40.6 | 54.6 | 34.4 | 44.5 | 80 | 17 | 31 | 30 | 34 | 32 | 32 | 76 | 79 | 54 | 56 | 66 |
| May | 28.74 | 29.98 | 29.11 | 28.17 | 43.0 | 42.5 | 54.6 | 51.5 | 40.8 | 40.3 | 46.7 | 45.1 | 56.8 | 38.7 | 47.8 | 82 | 25 | 38 | 38 | 38 | 38 | 38 | 82 | 85 | 59 | 64 | 72 |
| June | 28.73 | 29.95 | 28.94 | 28.32 | 52.2 | 53.5 | 65.1 | 61.4 | 50.2 | 51.2 | 57.7 | 55.6 | 65.5 | 48.0 | 56.8 | 82 | 36 | 48 | 49 | 52 | 51 | 50 | 87 | 86 | 66 | 71 | 78 |
| July | 28.75 | 29.96 | 29.05 | 28.40 | 57.4 | 58.1 | 70.1 | 68.4 | 54.9 | 55.2 | 61.5 | 61.2 | 72.5 | 54.1 | 63.3 | 89 | 45 | 53 | 53 | 56 | 56 | 55 | 86 | 84 | 63 | 68 | 75 |
| August | 28.74 | 29.95 | 29.01 | 28.43 | 58.7 | 57.5 | 70.3 | 67.3 | 56.7 | 56.1 | 62.0 | 61.4 | 73.1 | 55.7 | 64.4 | 89 | 40 | 55 | 55 | 57 | 58 | 56 | 89 | 92 | 65 | 73 | 80 |
| September | 28.77 | 30.00 | 29.14 | 28.27 | 47.8 | 46.1 | 58.4 | 53.8 | 46.3 | 45.2 | 51.7 | 49.7 | 61.8 | 44.8 | 53.3 | 77 | 26 | 45 | 44 | 46 | 46 | 45 | 89 | 92 | 65 | 76 | 81 |
| October | 28.71 | 29.94 | 29.18 | 28.12 | 40.3 | 37.5 | 51.5 | 45.0 | 38.1 | 36.0 | 43.5 | 40.5 | 54.5 | 37.9 | 46.2 | 74 | 17 | 36 | 34 | 35 | 36 | 35 | 84 | 88 | 57 | 71 | 75 |
| November | 28.71 | 29.96 | 29.25 | 28.13 | 25.9 | 23.3 | 30.5 | 28.6 | 23.9 | 22.1 | 27.6 | 26.0 | 37.4 | 20.3 | 28.8 | 56 | −2 | 20 | 20 | 22 | 21 | 21 | 79 | 86 | 70 | 72 | 77 |
| December | 28.80 | 30.09 | 29.39 | 28.28 | 10.1 | 7.6 | 13.1 | 12.4 | 9.9 | 7.5 | 12.4 | 11.9 | 18.9 | 5.7 | 12.3 | 33 | −16 | 9 | 7 | 11 | 10 | 9 | 94 | 96 | 85 | 89 | 91 |
| Year | 28.75 | 29.99 | 29.39 | 28.12 | 35.3 | 33.7 | 44.6 | 41.8 | 33.6 | 32.3 | 39.1 | 37.7 | 48.5 | 31.8 | 40.2 | 89 | −26 | 31 | 30 | 33 | 33 | 32 | 85 | 88 | 67 | 72 | 78 |

## EASTPORT, MAINE

[$\phi$=44°54′ N.; $\lambda$=66°59′ W.]

| Month | Station level | Sea level | Station level Maximum | Station level Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.89 | 29.98 | 30.34 | 29.14 | ..... | 18.8 | 24.0 | 22.4 | ..... | 17.7 | 22.2 | 20.8 | 29.0 | 11.3 | 20.2 | 49 | −12 | .... | 14 | 17 | 16 | 16 | .... | 81 | 74 | 75 | 77 |
| February | 29.57 | 29.66 | 30.26 | 28.83 | ..... | 18.5 | 25.6 | 23.1 | ..... | 17.7 | 23.8 | 21.7 | 27.0 | 15.6 | 21.3 | 40 | −1 | .... | 15 | 19 | 18 | 17 | .... | 86 | 76 | 80 | 81 |
| March | 29.74 | 29.83 | 30.34 | 28.82 | ..... | 32.6 | 38.3 | 35.3 | ..... | 31.1 | 34.9 | 33.2 | 40.2 | 30.1 | 35.2 | 53 | 23 | .... | 28 | 30 | 30 | 29 | .... | 84 | 72 | 81 | 79 |
| April | 29.87 | 29.96 | 30.28 | 29.04 | ..... | 38.8 | 46.2 | 41.6 | ..... | 36.7 | 40.9 | 38.1 | 48.1 | 33.9 | 41.0 | 72 | 28 | .... | 34 | 34 | 34 | 34 | .... | 83 | 66 | 75 | 75 |
| May | 29.98 | 30.06 | 30.25 | 29.69 | ..... | 47.6 | 53.3 | 48.2 | ..... | 46.1 | 49.5 | 46.2 | 55.6 | 41.8 | 48.7 | 70 | 36 | .... | 45 | 46 | 44 | 45 | .... | 91 | 80 | 88 | 86 |
| June | 29.87 | 29.95 | 30.28 | 29.56 | ..... | 53.6 | 59.6 | 55.0 | ..... | 51.6 | 54.3 | 52.2 | 62.9 | 47.3 | 55.1 | 81 | 42 | .... | 50 | 50 | 50 | 50 | .... | 89 | 76 | 85 | 83 |
| July | 29.88 | 29.96 | 30.32 | 29.48 | ..... | 58.2 | 65.0 | 59.0 | ..... | 56.0 | 59.2 | 56.2 | 67.6 | 51.7 | 59.6 | 82 | 47 | .... | 54 | 55 | 54 | 54 | .... | 88 | 73 | 86 | 82 |
| August | 29.94 | 30.02 | 30.36 | 29.50 | ..... | 58.9 | 67.1 | 61.2 | ..... | 56.8 | 60.4 | 57.0 | 70.4 | 52.9 | 61.6 | 80 | 48 | .... | 55 | 56 | 54 | 55 | .... | 88 | 69 | 79 | 79 |
| September | 29.97 | 30.05 | 30.41 | 29.60 | ..... | 54.5 | 62.0 | 55.7 | ..... | 53.2 | 56.8 | 53.4 | 64.0 | 49.8 | 56.9 | 82 | 36 | .... | 52 | 53 | 51 | 52 | .... | 92 | 75 | 86 | 84 |
| October | 29.99 | 30.07 | 30.58 | 29.32 | ..... | 47.1 | 54.4 | 49.0 | ..... | 45.5 | 50.0 | 47.2 | 55.4 | 43.1 | 49.2 | 64 | 35 | .... | 44 | 46 | 45 | 45 | .... | 88 | 74 | 88 | 83 |
| November | 29.89 | 29.98 | 30.54 | 29.23 | ..... | 35.6 | 40.3 | 37.5 | ..... | 33.8 | 37.0 | 34.9 | 42.4 | 31.4 | 36.9 | 59 | 18 | .... | 31* | 32 | 31 | 31 | .... | 82 | 72 | 77 | 77 |
| December | 29.83 | 29.92 | 30.83 | 28.36 | ..... | 19.4 | 25.0 | 22.6 | ..... | 18.1 | 22.6 | 20.6 | 27.8 | 14.8 | 21.3 | 52 | −13 | .... | 12 | 16 | 17 | 15 | .... | 75 | 67 | 69 | 70 |
| Year | 29.87 | 29.95 | 30.83 | 28.36 | ..... | 40.3 | 46.7 | 42.6 | ..... | 38.7 | 42.6 | 40.1 | 49.2 | 35.3 | 42.2 | 82 | −13 | .... | 36 | 38 | 37 | 37 | .... | 86 | 73 | 81 | 80 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Dodge City, Kans., 2,509 feet; Duluth, Minn., 1,133 feet.
[2] Airport data beginning July 1.
[3] Airport data.

## DODGE CITY, KANS.

Airport [$H$=2,594 ft.; $H_b$=2,592 ft.; $H_f$=5 ft.; $H_r$=3 ft.; $H_a$=58 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | | *Mi.* | | | | | | | | | | | | | | | | | | | |
| January | 0.10 | 0.07 | 1.9 | 4.4 | 10.9 | nw. | 31 | s. | 0 | 12 | 14 | 5 | 4 | 1 | 6 | 4 | 0 | 5 | 2 | 2 | 2 | 9 | 0 | 0 | 28 | 5 | 0 |
| February | 1.24 | .37 | 12.2 | 5.8 | 11.4 | n. | 42 | nw. | 1 | 10 | 5 | 13 | 8 | 6 | 14 | 8 | 0 | 6 | 4 | 3 | 1 | 6 | 0 | 0 | 26 | 2 | 0 |
| March | 1.19 | .84 | 2.4 | 5.2 | 12.3 | nw. | 40 | s. | 3 | 13 | 5 | 13 | 9 | 4 | 7 | 3 | 1 | 4 | 2 | 3 | 0 | 0 | 0 | 0 | 20 | 0 | 2 |
| April | 5.27 | 2.15 | T | 6.4 | 14.5 | s. | 40 | s. | 8 | 9 | 6 | 15 | 10 | 9 | 2 | 0 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 7 |
| May | 1.22 | .59 | .0 | 4.6 | 13.8 | s. | 36 | s. | 4 | 12 | 13 | 6 | 6 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 6 |
| June | 6.06 | 3.51 | .0 | 6.6 | 12.3 | s. | 49 | nw. | 1 | 6 | 12 | 12 | 10 | 7 | 0 | 0 | 2 | 7 | 2 | 0 | 0 | 0 | 11 | 4 | 0 | 0 | 11 |
| July | 1.70 | 1.09 | .0 | 4.5 | 13.9 | s. | 34 | nw. | 2 | 11 | 15 | 5 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 17 | 0 | 0 | 12 |
| August | 1.89 | .93 | .0 | 5.3 | 14.2 | s. | 53 | n. | 6 | 10 | 13 | 8 | 11 | 9 | 0 | 0 | 0 | 8 | 3 | 2 | 1 | 0 | 12 | 6 | 0 | 0 | 12 |
| September | 1.33 | .51 | .0 | 4.3 | 15.8 | s. | 49 | n. | 11 | 15 | 7 | 8 | 7 | 6 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 10 | 1 | 1 | 0 | 6 |
| October | 3.60 | 1.19 | T | 5.1 | 13.1 | s. | 36 | n. | 4 | 10 | 11 | 10 | 10 | 10 | 1 | 0 | 0 | 8 | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 1 |
| November | .06 | .03 | .1 | 5.5 | 15.7 | s. | 46 | n. | 12 | 9 | 9 | 12 | 4 | 0 | 3 | 1 | 1 | 5 | 1 | 2 | 2 | 1 | 0 | 0 | 18 | 0 | 0 |
| December | .88 | .46 | 10.8 | 6.5 | 12.7 | sw. | 45 | n. | 3 | 6 | 11 | 14 | 7 | 6 | 7 | 6 | 0 | 13 | 8 | 5 | 7 | 8 | 0 | 0 | 29 | 0 | 0 |
| Year | 24.54 | 3.51 | 27.4 | 5.4 | 13.4 | s. | 53 | n. | 55 | 123 | 121 | 121 | 93 | 68 | 40 | 22 | 7 | 66 | 27 | 18 | 16 | 24 | 62 | 31 | 126 | 7 | 57 |

## DUBUQUE, IOWA

[$H$=641 ft.; $H_b$=699 ft.; $H_f$=60 Ft.; $H_r$=53 ft.; $H_a$=79 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.01 | 1.00 | 10.9 | 5.0 | 6.7 | nw. | 22 | nw. | 0 | 14 | 4 | 13 | 3 | 1 | 6 | 2 | 0 | 11 | 3 | 3 | 1 | 12 | 0 | 0 | 30 | 9 | 0 |
| February | .52 | .17 | 3.9 | 7.4 | 6.9 | nw. | 20 | nw. | 0 | 4 | 6 | 18 | 7 | 4 | 15 | 5 | 0 | 8 | 3 | 2 | 2 | 16 | 0 | 0 | 26 | 2 | 0 |
| March | 1.12 | .39 | .3 | 8.0 | 7.4 | nw. | 25 | nw. | 0 | 3 | 5 | 23 | 9 | 5 | 12 | 2 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 16 | 0 | 2 |
| April | 2.96 | 2.38 | .0 | 5.1 | 7.2 | s. | 22 | nw. | 0 | 12 | 6 | 12 | 4 | 4 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |
| May | 5.89 | 1.59 | .0 | 7.6 | 6.2 | nw. | 21 | s. | 0 | 5 | 6 | 20 | 16 | 12 | 0 | 0 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| June | 5.96 | 1.25 | .0 | 7.5 | 5.7 | se. | 23 | nw. | 0 | 2 | 9 | 19 | 14 | 12 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 11 |
| July | 3.70 | .85 | .0 | 5.4 | 5.0 | nw. | 16 | nw. | 0 | 7 | 14 | 10 | 11 | 10 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 12 |
| August | 2.80 | .69 | .0 | 5.8 | 5.0 | s. | 20 | n. | 0 | 9 | 8 | 14 | 10 | 9 | 0 | 0 | 0 | 13 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 6 |
| September | 3.82 | 1.16 | T | 6.6 | 5.5 | s. | 18 | nw. | 0 | 6 | 8 | 16 | 15 | 14 | 2 | 0 | 0 | 12 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 6 |
| October | 2.50 | 1.69 | T | 5.0 | 5.3 | nw. | 18 | nw. | 0 | 12 | 8 | 11 | 9 | 7 | 4 | 0 | 0 | 7 | 3 | 3 | 3 | 1 | 0 | 0 | 6 | 0 | 4 |
| November | 3.60 | 1.67 | 5.8 | 6.9 | 7.2 | nw. | 21 | Sc. | 0 | 5 | 12 | 13 | 14 | 11 | 9 | 6 | 0 | 9 | 3 | 0 | 0 | 5 | 0 | 0 | 17 | 0 | 2 |
| December | 1.69 | .98 | 8.7 | 7.5 | 6.4 | nw. | 19 | nw. | 0 | 6 | 4 | 21 | 10 | 7 | 20 | 7 | 0 | 6 | 1 | 1 | 1 | 23 | 0 | 0 | 30 | 3 | 0 |
| Year | 35.57 | 2.38 | 29.6 | 6.5 | .2 | nw. | 25 | nw. | 0 | 85 | 90 | 190 | 122 | 96 | 68 | 22 | 5 | 92 | 21 | 13 | 10 | 57 | 9 | 1 | 129 | 14 | 58 |

## DULUTH, MINN.

Airport [$H$=1,417 ft.; $H_b$=1,417 ft.; $H_f$=5 ft.; $H_r$=3 ft.; $H_a$=52 ft.] City [$H$=1,133 ft.; $H_b$=1,133 ft.; $H_f$=5 ft.; $H_r$=3 ft.; $H_a$=47 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.31 | 0.24 | 3.1 | 5.4 | 14.5 | nw. | 55 | nw. | 8 | 12 | 8 | 11 | 5 | 1 | 13 | 5 | 0 | 4 | 1 | 1 | 1 | 19 | 0 | 0 | 31 | 10 | 0 |
| February | .43 | .18 | 6.4 | 7.0 | 10.0 | nw. | 45 | nw. | 1 | 5 | 7 | 16 | 7 | 5 | 15 | 7 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 28 | 7 | 0 |
| March | 2.34 | .83 | 21.5 | 7.9 | 14.2 | ne. | 41 | nw. | 5 | 3 | 8 | 20 | 17 | 10 | 19 | 15 | 0 | 4 | 1 | 1 | 1 | 3 | 0 | 0 | 28 | 0 | 0 |
| April | 2.37 | 1.51 | 2.4 | 5.6 | 12.5 | ne. | 41 | w. | 3 | 8 | 13 | 9 | 8 | 7 | 3 | 3 | 2 | 3 | 3 | 1 | 2 | 1 | 0 | 0 | 14 | 0 | 4 |
| May | 4.74 | 1.90 | T | 6.7 | 11.7 | ne. | 37 | w. | 3 | 6 | 10 | 15 | 15 | 13 | 1 | 0 | 2 | 5 | 5 | 3 | 5 | 0 | 0 | 0 | 5 | 0 | 5 |
| June | 3.23 | 1.30 | .0 | 7.0 | 9.8 | ne. | 35 | nw. | 1 | 4 | 9 | 17 | 18 | 10 | 0 | 0 | 1 | 11 | 8 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 7 |
| July | 4.01 | 2.41 | .0 | 5.9 | 10.7 | ne. | 35 | sw. | 1 | 8 | 12 | 11 | 12 | 11 | 0 | 0 | 0 | 10 | 9 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 7 |
| August | 4.35 | 2.39 | .0 | 6.1 | 10.2 | ne. | 33 | w. | 1 | 8 | 11 | 12 | 10 | 7 | 0 | 0 | 0 | 9 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 3 |
| September | 1.50 | .40 | T | 7.2 | 11.2 | ne. | 44 | nw. | 3 | 4 | 8 | 18 | 9 | 6 | 5 | 2 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 6 | 0 | 2 |
| October | 1.04 | .66 | 2.2 | 4.8 | 12.5 | nw. | 35 | nw. | 2 | 14 | 7 | 10 | 6 | 5 | 6 | 2 | 0 | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 8 | 0 | 2 |
| November | .97 | .57 | .5 | 6.5 | 13.0 | nw. | 42 | nw. | 7 | 8 | 6 | 16 | 4 | 3 | 8 | 2 | 0 | 4 | 3 | 2 | 3 | 8 | 0 | 0 | 27 | 1 | 0 |
| December | 1.37 | .49 | 16.8 | 7.7 | 12.8 | nw. | 41 | nw. | 4 | 5 | 5 | 21 | 15 | 6 | 24 | 15 | 0 | 4 | 1 | 0 | 1 | 30 | 0 | 0 | 31 | 10 | 0 |
| Year | 26.66 | 2.41 | 52.9 | 6.5 | 11.9 | ne. | 55 | nw. | 39 | 85 | 104 | 176 | 126 | 84 | 94 | 51 | 5 | 60 | 45 | 34 | 38 | 87 | 0 | 0 | 178 | 28 | 30 |

## EASTPORT, MAINE

[$H$=41 ft.; $H_b$=75 ft.; $H_f$=67 ft.; $H_r$=62 ft.; $H_a$=85 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.68 | 0.83 | 11.3 | 5.6 | 11.7 | nw. | 42 | s. | 1 | 10 | 9 | 12 | 13 | 7 | 17 | 12 | 0 | 5 | 0 | 0 | 0 | 20 | 0 | 0 | 29 | 8 | 0 |
| February | 1.29 | .41 | 10.9 | 6.1 | 13.0 | nw. | 38 | e. | 2 | 7 | 9 | 12 | 13 | 9 | 16 | 11 | 0 | 6 | 0 | 0 | 2 | 19 | 0 | 0 | 27 | 1 | 0 |
| March | 4.13 | 1.42 | 9.2 | 6.2 | 11.5 | e. | 46 | e. | 5 | 8 | 9 | 14 | 12 | 8 | 10 | 7 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 25 | 0 | 0 |
| April | 1.57 | .47 | 9.9 | 5.3 | 10.3 | n. | 29 | e. | 0 | 10 | 11 | 9 | 12 | 8 | 3 | 3 | 0 | 7 | 1 | 0 | 4 | 0 | 0 | 0 | 10 | 0 | 0 |
| May | 1.45 | .49 | .0 | 7.1 | 8.1 | s. | 23 | s. | 0 | 6 | 7 | 18 | 15 | 7 | 0 | 0 | 1 | 17 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 2 |
| June | 3.06 | 1.42 | .0 | 6.7 | 8.3 | s. | 28 | e. | 0 | 7 | 7 | 16 | 14 | 7 | 0 | 0 | 0 | 13 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | 2.62 | 1.34 | .0 | 6.0 | 7.2 | s. | 20 | sw. | 0 | 8 | 11 | 12 | 14 | 10 | 0 | 0 | 0 | 12 | 1 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 1 |
| August | 1.88 | .78 | .0 | 5.1 | 7.2 | sw. | 18 | nw. | 0 | 10 | 12 | 9 | 12 | 5 | 0 | 0 | 0 | 12 | 1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 3.48 | 1.30 | .0 | 5.8 | 8.7 | s. | 29 | s. | 0 | 11 | 5 | 14 | 14 | 8 | 0 | 0 | 0 | 13 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 1 |
| October | 2.79 | 1.70 | .0 | 4.6 | 9.5 | w. | 29 | s. | 0 | 14 | 7 | 10 | 8 | 4 | 0 | 0 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 2.68 | .79 | 3.1 | 6.3 | 11.3 | nw. | 34 | ne. | 3 | 9 | 6 | 15 | 15 | 12 | 6 | 6 | 0 | 2 | 1 | 0 | 1 | 6 | 0 | 0 | 13 | 0 | 1 |
| December | 2.66 | .80 | 9.9 | 5.7 | 13.2 | w. | 46 | se. | 1 | 11 | 6 | 14 | 11 | 9 | 10 | 8 | 0 | 2 | 0 | 0 | 0 | 17 | 0 | 0 | 31 | 7 | 0 |
| Year | 30.29 | 1.70 | 54.3 | 5.9 | 10.0 | s. | 46 | e. | 12 | 111 | 99 | 155 | 153 | 94 | 62 | 47 | 1 | 100 | 6 | 0 | 66 | 62 | 0 | 0 | 135 | 16 | 9 |

## ELKINS, W. VA.

Airport [$\phi$=38°53′ N.; $\lambda$=79°51′ W.] City [$\phi$=38°56′ N.; $\lambda$=79°51′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 27.98 | 30.11 | 28.35 | 27.30 | 25.4 | 25.4 | 36.0 | 29.0 | 23.5 | 23.6 | 30.7 | 26.1 | 40.2 | 18.7 | 29.4 | 62 | −7 | 20 | 20 | 22 | 21 | 21 | 79 | 80 | 58 | 71 | 72 |
| February | 27.89 | 30.02 | 28.33 | 27.30 | 22.8 | 20.4 | 31.3 | 27.7 | 21.5 | 19.5 | 27.5 | 25.5 | 35.1 | 17.5 | 26.3 | 59 | −7 | 19 | 18 | 20 | 21 | 19 | 82 | 88 | 63 | 74 | 77 |
| March | 27.84 | 29.92 | 28.16 | 27.02 | 36.6 | 34.4 | 48.7 | 42.8 | 33.9 | 32.2 | 40.7 | 37.6 | 53.3 | 30.9 | 42.1 | 70 | 14 | 30 | 29 | 31 | 31 | 30 | 79 | 81 | 53 | 64 | 69 |
| April | 28.04 | 30.11 | 28.34 | 27.60 | 43.0 | 43.0 | 62.7 | 55.2 | 40.0 | 40.2 | 50.1 | 46.9 | 66.5 | 39.1 | 52.8 | 86 | 25 | 36 | 37 | 38 | 38 | 38 | 78 | 80 | 44 | 56 | 65 |
| May | 28.02 | 30.04 | 28.22 | 27.76 | 53.2 | 56.0 | 70.1 | 63.0 | 51.5 | 52.8 | 58.8 | 56.6 | 73.2 | 49.9 | 61.6 | 88 | 39 | 50 | 50 | 51 | 52 | 51 | 90 | 83 | 53 | 69 | 74 |
| June | 27.98 | 29.98 | 28.23 | 27.73 | 60.7 | 63.4 | 75.7 | 69.4 | 59.7 | 61.3 | 66.0 | 65.3 | 80.1 | 58.2 | 69.2 | 88 | 46 | 59 | 60 | 61 | 63 | 61 | 95 | 90 | 61 | 81 | 82 |
| July | 28.05 | 30.05 | 28.23 | 27.87 | 63.3 | 65.0 | 77.9 | 72.2 | 62.4 | 63.4 | 67.9 | 67.7 | 81.5 | 61.3 | 71.4 | 91 | 52 | 62 | 62 | 62 | 66 | 63 | 95 | 92 | 61 | 80 | 82 |
| August | 28.07 | 30.08 | 28.33 | 27.84 | 61.3 | 62.1 | 75.5 | 67.6 | 60.8 | 61.4 | 66.8 | 65.0 | 78.5 | 59.4 | 69.0 | 87 | 44 | 60 | 61 | 62 | 64 | 62 | 97 | 96 | 66 | 89 | 86 |
| September | 28.07 | 30.10 | 28.46 | 27.65 | 56.1 | 55.2 | 70.3 | 60.2 | 55.1 | 54.5 | 61.5 | 58.5 | 74.5 | 52.5 | 63.5 | 88 | 26 | 54 | 54 | 56 | 55 | 55 | 94 | 96 | 62 | 90 | 86 |
| October | 28.02 | 30.08 | 28.32 | 27.51 | 46.6 | 44.2 | 62.8 | 53.3 | 45.2 | 43.2 | 53.4 | 49.5 | 65.7 | 43.4 | 54.6 | 80 | 21 | 44 | 42 | 46 | 46 | 45 | 91 | 93 | 56 | 78 | 80 |
| November | 28.04 | 30.13 | 28.42 | 27.64 | 39.8 | 38.0 | 49.3 | 42.1 | 37.3 | 36.0 | 43.6 | 38.9 | 53.2 | 33.8 | 43.5 | 71 | 16 | 34 | 33 | 37 | 35 | 35 | 80 | 84 | 65 | 75 | 76 |
| December | 27.98 | 30.10 | 28.47 | 27.07 | 29.0 | 25.8 | 33.8 | 31.7 | 27.4 | 24.8 | 31.0 | 29.4 | 39.5 | 22.7 | 31.1 | 60 | −15 | 25 | 23 | 26 | 26 | 25 | 83 | 87 | 74 | 77 | 80 |
| Year | 28.00 | 30.06 | 28.47 | 27.02 | 44.8 | 44.4 | 57.8 | 51.2 | 43.2 | 42.7 | 49.8 | 47.2 | 61.8 | 40.6 | 51.2 | 91 | −15 | 41 | 41 | 43 | 43 | 42 | 87 | 88 | 60 | 75 | 77 |

## EL PASO, TEX.

Airport [$\phi$=31°48′ N.; $\lambda$=106°24′ W.] City [$\phi$=31°47′ N.; $\lambda$=106°30′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 26.28 | 30.12 | 26.61 | 25.78 | 40.8 | 35.9 | 51.0 | 54.5 | 34.4 | 31.3 | 40.0 | 42.1 | 59.5 | 35.9 | 47.7 | 74 | 26 | 26 | 24 | 26 | 27 | 26 | 56 | 64 | 38 | 36 | 48 |
| February | 26.09 | 29.90 | 26.36 | 25.83 | 43.5 | 37.2 | 52.0 | 55.5 | 34.4 | 30.9 | 39.6 | 40.8 | 59.5 | 36.9 | 48.2 | 71 | 21 | 20 | 21 | 23 | 20 | 21 | 40 | 51 | 32 | 27 | 38 |
| March | 26.10 | 29.88 | 26.46 | 25.69 | 49.5 | 42.6 | 58.3 | 63.4 | 38.6 | 34.6 | 43.3 | 44.9 | 66.8 | 41.4 | 54.1 | 80 | 26 | 24 | 23 | 25 | 21 | 23 | 38 | 46 | 29 | 21 | 34 |
| April | 26.07 | 29.79 | 26.34 | 25.75 | 59.0 | 51.7 | 67.8 | 72.5 | 46.7 | 43.6 | 50.7 | 51.3 | 76.1 | 51.0 | 63.6 | 85 | 38 | 33 | 34 | 34 | 29 | 32 | 43 | 55 | 32 | 24 | 38 |
| May | 26.09 | 29.77 | 26.37 | 25.87 | 68.7 | 58.5 | 79.6 | 84.6 | 48.6 | 44.8 | 53.9 | 54.1 | 87.5 | 59.5 | 73.5 | 98 | 49 | 24 | 28 | 28 | 21 | 25 | 22 | 34 | 16 | 16 | 21 |
| June | 26.07 | 29.72 | 26.41 | 25.90 | 80.4 | 68.4 | 88.7 | 92.8 | 57.0 | 52.9 | 60.6 | 60.4 | 96.7 | 70.5 | 83.6 | 104 | 63 | 36 | 38 | 38 | 32 | 36 | 25 | 38 | 19 | 14 | 24 |
| July | 26.21 | 29.88 | 26.44 | 26.06 | 76.9 | 70.4 | 87.3 | 90.6 | 61.8 | 60.4 | 65.8 | 64.7 | 95.5 | 71.6 | 83.6 | 102 | 63 | 53 | 54 | 54 | 49 | 52 | 44 | 58 | 33 | 26 | 40 |
| August | 26.16 | 29.84 | 26.33 | 25.98 | 74.4 | 68.9 | 81.6 | 85.0 | 65.2 | 63.7 | 67.2 | 66.9 | 89.9 | 68.8 | 79.4 | 99 | 64 | 61 | 61 | 61 | 58 | 60 | 64 | 77 | 51 | 43 | 59 |
| September | 26.18 | 29.88 | 26.49 | 25.98 | 68.0 | 61.9 | 78.5 | 81.0 | 58.4 | 56.4 | 62.2 | 61.1 | 85.5 | 61.5 | 73.5 | 93 | 50 | 52 | 53 | 53 | 49 | 52 | 59 | 73 | 43 | 36 | 53 |
| October | 26.19 | 29.93 | 26.42 | 25.87 | 59.5 | 54.2 | 69.2 | 70.4 | 51.2 | 48.5 | 54.7 | 54.1 | 76.3 | 53.4 | 64.8 | 86 | 43 | 44 | 44 | 44 | 42 | 43 | 60 | 70 | 42 | 37 | 52 |
| November | 26.20 | 29.98 | 26.64 | 25.92 | 52.1 | 45.0 | 63.4 | 65.0 | 41.9 | 38.5 | 48.2 | 48.1 | 71.5 | 44.7 | 58.1 | 84 | 31 | 31 | 31 | 34 | 32 | 32 | 45 | 58 | 34 | 30 | 42 |
| December | 26.22 | 30.04 | 26.48 | 25.76 | 45.0 | 38.0 | 53.4 | 55.1 | 38.8 | 34.7 | 42.9 | 43.9 | 60.7 | 34.7 | 47.7 | 72 | 25 | 32 | 31 | 32 | 33 | 32 | 63 | 76 | 46 | 44 | 57 |
| Year | 26.16 | 29.89 | 26.64 | 25.69 | 59.8 | 52.7 | 69.2 | 72.5 | 48.1 | 45.0 | 52.4 | 52.7 | 77.1 | 52.5 | 64.8 | 104 | 21 | 36 | 37 | 38 | 34 | 36 | 47 | 58 | 35 | 29 | 42 |

## ELY, NEV.

Airport [$\phi$=39° 17′ N.; $\lambda$=114° 52′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 23.98 | 30.30 | 24.32 | 23.58 | 18.4 | 15.2 | 28.1 | 31.8 | 17.3 | 14.3 | 25.2 | 28.5 | 37.3 | 9.6 | 23.4 | −52 | −17 | 15 | 12 | 21 | 24 | 18 | 87 | 89 | 74 | 72 | 80 |
| February | 23.77 | 30.02 | 24.06 | 23.34 | 22.4 | 17.6 | 29.2 | 31.4 | 20.6 | 16.0 | 24.7 | 26.2 | 35.0 | 12.5 | 23.8 | 47 | −6 | 17 | 13 | 17 | 18 | 16 | 80 | 82 | 59 | 55 | 69 |
| March | 23.85 | 30.06 | 24.15 | 23.40 | 26.6 | 20.4 | 37.7 | 41.4 | 24.6 | 19.6 | 30.5 | 33.2 | 44.7 | 16.4 | 30.6 | 61 | −2 | 22 | 18 | 21 | 23 | 21 | 80 | 90 | 51 | 50 | 68 |
| April | 23.78 | 29.88 | 24.02 | 23.45 | 36.0 | 31.9 | 49.6 | 52.1 | 31.7 | 29.0 | 38.2 | 40.2 | 56.1 | 27.0 | 41.6 | 70 | 7 | 26 | 25 | 26 | 27 | 26 | 65 | 77 | 40 | 42 | 56 |
| May | 23.81 | 29.92 | 24.17 | 23.49 | 42.2 | 33.0 | 54.3 | 57.5 | 34.7 | 29.4 | 40.8 | 41.7 | 61.5 | 30.6 | 46.0 | 81 | 20 | 26 | 25 | 26 | 26 | 26 | 55 | 73 | 37 | 32 | 49 |
| June | 23.86 | 29.88 | 24.21 | 23.62 | 51.5 | 39.6 | 68.5 | 75.2 | 40.0 | 33.2 | 47.2 | 49.4 | 77.2 | 37.7 | 57.4 | 86 | 31 | 28 | 25 | 27 | 25 | 26 | 41 | 57 | 21 | 16 | 34 |
| July | 23.96 | 29.96 | 24.17 | 23.81 | 65.5 | 53.1 | 83.0 | 87.2 | 47.6 | 42.0 | 54.5 | 55.3 | 89.6 | 50.6 | 70.1 | 96 | 41 | 31 | 30 | 32 | 29 | 31 | 29 | 43 | 16 | 13 | 25 |
| August | 23.94 | 29.93 | 24.07 | 23.68 | 60.9 | 49.2 | 78.3 | 80.6 | 46.5 | 40.8 | 54.3 | 54.1 | 85.1 | 45.8 | 65.4 | 94 | 29 | 33 | 32 | 36 | 33 | 34 | 39 | 54 | 24 | 21 | 34 |
| September | 23.93 | 29.98 | 24.18 | 23.65 | 48.3 | 37.6 | 69.6 | 74.6 | 35.9 | 30.5 | 46.9 | 48.4 | 76.9 | 34.5 | 55.7 | 84 | 18 | 20 | 21 | 25 | 23 | 22 | 32 | 48 | 19 | 15 | 28 |
| October | 23.96 | 30.09 | 24.18 | 23.52 | 38.4 | 31.5 | 56.2 | 59.7 | 32.5 | 28.1 | 42.4 | 43.0 | 63.2 | 27.9 | 45.6 | 79 | 8 | 25 | 23 | 29 | 26 | 26 | 60 | 71 | 39 | 32 | 50 |
| November | 23.90 | 30.10 | 24.26 | 23.45 | 30.2 | 26.6 | 41.4 | 42.2 | 26.7 | 23.6 | 33.4 | 34.4 | 50.1 | 20.0 | 35.0 | 68 | −3 | 22 | 19 | 24 | 25 | 22 | 73 | 75 | 52 | 54 | 64 |
| December | 23.93 | 30.17 | 24.25 | 23.48 | 25.0 | 21.6 | 38.3 | 38.2 | 22.2 | 19.5 | 30.9 | 30.6 | 46.2 | 16.3 | 31.2 | 62 | −2 | 17 | 16 | 21 | 20 | 19 | 71 | 77 | 49 | 47 | 61 |
| Year | 23.89 | 30.03 | 24.32 | 23.34 | 38.8 | 31.4 | 52.8 | 56.0 | 31.7 | 27.2 | 39.1 | 40.4 | 60.2 | 27.4 | 43.8 | 96 | −17 | 24 | 22 | 25 | 25 | 24 | 59 | 70 | 40 | 37 | 52 |

## ERIE, PA.

Airport [$\phi$=42°5′ N.; $\lambda$=80°12′ W.] City [$\phi$=42°7′ N.; $\lambda$=80°5′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1 | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.24 | 30.04 | 29.71 | 28.46 | 25.1 | 23.2 | 29.4 | 26.7 | 23.7 | 22.1 | 26.6 | 25.2 | 33.3 | 21.6 | 27.4 | 51 | 0 | 21 | 20 | 22 | 22 | 21 | 83 | 87 | 75 | 83 | 82 |
| February | 29.20 | 30.01 | 29.70 | 28.51 | 21.4 | 19.2 | 24.9 | 22.3 | 20.6 | 18.5 | 23.6 | 21.6 | 28.6 | 18.2 | 23.4 | 45 | 4 | 19 | 17 | 21 | 20 | 19 | 89 | 90 | 83 | 90 | 88 |
| March | 29.08 | 29.87 | 29.54 | 28.07 | 34.3 | 34.0 | 39.1 | 35.6 | 32.5 | 32.2 | 36.0 | 33.6 | 43.4 | 31.5 | 37.4 | 67 | 24 | 30 | 30 | 32 | 31 | 31 | 84 | 84 | 78 | 84 | 83 |
| April | 29.30 | 30.07 | 29.56 | 28.78 | 44.8 | 46.8 | 55.6 | 50.2 | 41.6 | 43.1 | 47.9 | 45.1 | 60.1 | 43.9 | 52.0 | 84 | 31 | 38 | 39 | 41 | 40 | 40 | 78 | 76 | 61 | 70 | 71 |
| May | 29.24 | 30.01 | 29.57 | 28.88 | 54.4 | 56.2 | 62.6 | 58.7 | 51.9 | 52.5 | 56.2 | 54.8 | 67.5 | 52.7 | 60.1 | 87 | 39 | 50 | 50 | 52 | 52 | 51 | 83 | 79 | 70 | 79 | 78 |
| June | 29.21 | 29.97 | 29.51 | 28.91 | 61.6 | 65.1 | 71.1 | 68.6 | 59.0 | 61.6 | 63.7 | 63.2 | 74.7 | 60.8 | 67.8 | 90 | 53 | 58 | 60 | 60 | 60 | 59 | 87 | 84 | 68 | 75 | 78 |
| July | 29.24 | 30.00 | 29.45 | 29.00 | 64.9 | 68.0 | 75.4 | 72.5 | 62.0 | 64.0 | 67.8 | 66.3 | 78.5 | 64.7 | 71.6 | 91 | 52 | 60 | 62 | 64 | 63 | 62 | 86 | 81 | 68 | 73 | 77 |
| August | 29.29 | 30.05 | 29.62 | 29.01 | 63.0 | 65.0 | 75.0 | 69.0 | 60.5 | 61.5 | 66.4 | 64.4 | 76.9 | 63.4 | 70.2 | 88 | 48 | 59 | 59 | 62 | 62 | 60 | 86 | 82 | 65 | 79 | 78 |
| September | 29.28 | 30.05 | 29.75 | 28.81 | 58.5 | 58.2 | 69.6 | 61.7 | 55.8 | 55.7 | 61.6 | 58.0 | 72.9 | 57.0 | 65.0 | 88 | 40 | 54 | 54 | 56 | 55 | 55 | 85 | 85 | 64 | 80 | 78 |
| October | 29.23 | 30.02 | 29.70 | 28.66 | 50.3 | 48.7 | 58.0 | 52.1 | 47.0 | 46.3 | 52.7 | 49.2 | 61.5 | 48.3 | 54.9 | 79 | 27 | 44 | 44 | 48 | 46 | 46 | 80 | 84 | 70 | 83 | 79 |
| November | 29.27 | 30.05 | 29.78 | 28.72 | 40.0 | 38.9 | 44.0 | 40.2 | 37.3 | 36.5 | 39.8 | 37.5 | 49.0 | 36.7 | 42.8 | 65 | 25 | 37 | 33 | 35 | 34 | 35 | 79 | 79 | 72 | 79 | 77 |
| December | 29.25 | 30.05 | 29.80 | 28.38 | 27.4 | 25.9 | 28.3 | 27.1 | 26.2 | 24.8 | 26.6 | 25.9 | 32.7 | 24.2 | 28.4 | 47 | 4 | 24 | 23 | 23 | 24 | 23 | 85 | 86 | 81 | 85 | 84 |
| Year | 29.24 | 30.02 | 29.80 | 28.07 | 45.5 | 45.8 | 52.8 | 48.7 | 43.2 | 43.2 | 47.4 | 45.4 | 56.6 | 43.6 | 50.1 | 91 | 0 | 41 | 41 | 43 | 43 | 42 | 84 | 83 | 71 | 80 | 80 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Elkins, W. Va., 1,947 feet; El Paso, Tex., 3,778 feet; Erie, Pa., 714 feet.
[2] Airport data.

## ELKINS, W. VA.

Airport [$H$=1,990 ft.; $H_b$=2,006 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=31 ft.] City [$H$=1,927 ft.; $H_b$=1,947 ft.; $H_t$=61 ft.; $H_r$=53 ft.; $H_a$=78 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 2.01 | 0.65 | 4.1 | 6.9 | 7.2 | w. | 27 | sw. | 0 | 4 | 11 | 16 | 11 | 7 | 16 | 8 | 3 | 8 | 2 | 0 | 0 | 10 | 0 | 0 | 30 | 5 | 1 |
| February | 2.16 | .69 | 13.3 | 8.0 | 7.8 | w. | 28 | nw. | 0 | 3 | 4 | 21 | 16 | 12 | 17 | 12 | 0 | 4 | 1 | 1 | 1 | 14 | 0 | 0 | 26 | 1 | 0 |
| March | 3.61 | 1.33 | 15.1 | 7.9 | 8.7 | w. | 30 | w. | 0 | 2 | 6 | 23 | 18 | 13 | 13 | 9 | 0 | 17 | 0 | 0 | 0 | 2 | 0 | 0 | 21 | 0 | 0 |
| April | 2.33 | .65 | 1.0 | 6.0 | 6.6 | w. | 30 | w. | 0 | 8 | 10 | 12 | 9 | 8 | 5 | 2 | 1 | 14 | 1 | 1 | 1 | 0 | 0 | 0 | 8 | 0 | 3 |
| May | 4.90 | 1.53 | 0 | 7.2 | 5.7 | nw. | 24 | w. | 0 | 3 | 11 | 17 | 14 | 11 | 0 | 0 | 0 | 14 | 6 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| June | 6.33 | 2.10 | 0 | 7.0 | 4.9 | se. | 25 | ne. | 0 | 1 | 14 | 15 | 19 | 14 | 0 | 0 | 0 | 24 | 9 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 10 |
| July | 7.48 | 1.78 | 0 | 6.8 | 4.7 | nw | 31 | nw. | 0 | 3 | 13 | 15 | 16 | 13 | 0 | 0 | 0 | 20 | 14 | 9 | 8 | 0 | 2 | 0 | 0 | 0 | 9 |
| August | 9.35 | 1.93 | 0 | 7.2 | 4.3 | e. | 15 | nw. | 0 | 4 | 8 | 19 | 15 | 13 | 0 | 0 | 0 | 20 | 12 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 8 |
| September | 3.51 | 1.12 | 0 | 6.9 | 4.5 | se. | 22 | nw. | 0 | 5 | 7 | 18 | 15 | 11 | 0 | 0 | 0 | 24 | 12 | 8 | 10 | 0 | 0 | 0 | 3 | 0 | 3 |
| October | 3.45 | 1.14 | T | 6.9 | 5.2 | se. | 27 | w. | 0 | 7 | 5 | 19 | 15 | 11 | 1 | 0 | 0 | 16 | 11 | 6 | 7 | 0 | 0 | 0 | 3 | 0 | 1 |
| November | 3.46 | .67 | T | 7.4 | 7.1 | w. | 35 | w. | 1 | 4 | 5 | 21 | 16 | 12 | 8 | 5 | 0 | 10 | 4 | 2 | 1 | 1 | 0 | 0 | 15 | 0 | 0 |
| December | 5.50 | .80 | 25.9 | 8.6 | 7.6 | w. | 30 | w. | 0 | 1 | 5 | 25 | 21 | 19 | 8 | 13 | 0 | 13 | 3 | 2 | 1 | 10 | 0 | 0 | 25 | 2 | 0 |
| Year | 54.09 | 2.10 | 59.4 | 7.2 | 6.2 | w. | 35 | w. | 1 | 45 | 99 | 221 | 185 | 144 | 78 | 49 | 4 | 184 | 75 | 45 | 46 | 37 | 2 | 0 | 131 | 8 | 40 |

## EL PASO, TEX.

Airport [$H$=3,920 ft.; $H_b$=3,916 ft.; $H_t$=6 ft.; $H_r$=4 ft.; $H_a$=71 ft.] City [$H$=3,710 ft.; $H_b$=3,778 ft.; $H_t$=82 ft.; $H_r$=75 ft.; $H_a$=101 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.14 | 0.07 | 0.0 | 4.6 | 7.8 | w. | 27 | ne. | 0 | 11 | 12 | 8 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 |
| February | .72 | .59 | T | 5.1 | 8.9 | w. | 30 | sw. | 0 | 11 | 9 | 8 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 |
| March | .02 | .02 | .1 | 3.4 | 9.2 | w. | 35 | nw. | 1 | 16 | 12 | 3 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| April | 1.04 | .45 | .0 | 4.0 | 9.9 | w. | 31 | sw. | 0 | 13 | 10 | 7 | 8 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| May | T | T | .0 | 1.8 | 8.8 | w. | 22 | e. | 0 | 26 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 6 | 0 | 0 | 1 |
| June | .52 | .51 | .0 | 2.4 | 9.2 | w. | 25 | e. | 0 | 20 | 9 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 21 | 0 | 0 | 2 |
| July | .68 | .47 | .0 | 4.2 | 7.5 | e. | 27 | n. | 0 | 13 | 15 | 3 | 5 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 17 | 0 | 0 | 9 |
| August | 3.82 | 1.49 | .0 | 5.5 | 7.3 | e. | 27 | e. | 0 | 7 | 18 | 6 | 13 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 4 | 0 | 0 | 16 |
| September | 1.03 | .53 | .0 | 3.4 | 7.5 | e. | 26 | sw. | 0 | 15 | 10 | 5 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 7 |
| October | 1.53 | 1.04 | .0 | 4.1 | 7.5 | e. | 28 | sw. | 0 | 12 | 13 | 6 | 4 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | .00 | .00 | .0 | 2.7 | 7.7 | w. | 27 | w. | 0 | 18 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| December | 1.26 | .99 | .0 | 4.0 | 7.5 | w. | 30 | sw. | 0 | 15 | 11 | 5 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 |
| Year | 10.76 | 1.49 | .1 | 3.8 | 8.2 | w. | 35 | nw. | 1 | 177 | 130 | 58 | 49 | 35 | 3 | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 97 | 48 | 32 | 0 | 44 |

## ELY, NEV.

Airport [$H$=6,257 ft.; $H_b$=6,262 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=41 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.63 | 0.53 | 5.5 | 4.9 | 9.4 | s. | 32 | s. | 1 | 13 | 9 | 9 | 5 | 3 | 12 | 4 | 0 | 3 | 0 | 1 | 0 | 7 | 0 | 0 | 30 | 6 | 0 |
| February | .27 | .06 | 3.2 | 6.6 | 11.6 | s. | 34 | n. | 2 | 6 | 6 | 16 | 13 | 2 | 21 | 12 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 27 | 5 | 0 |
| March | 1.03 | .58 | 11.7 | 5.4 | 9.5 | s. | 34 | n. | 1 | 11 | 7 | 13 | 7 | 5 | 12 | 7 | 0 | 2 | 1 | 0 | 0 | 4 | 0 | 0 | 30 | 2 | 0 |
| April | .59 | .25 | 2.0 | 6.2 | 12.8 | s. | 42 | s. | 8 | 8 | 8 | 14 | 9 | 5 | 9 | 6 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 23 | 0 | 2 |
| May | .69 | .26 | 1.2 | 6.2 | 11.7 | s. | 45 | s. | 6 | 5 | 15 | 11 | 7 | 4 | 9 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 1 |
| June | T | T | 0 | 2.8 | 11.4 | s. | 36 | se. | 3 | 19 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| July | .15 | .15 | 0 | 4.2 | 11.8 | s. | 34 | s. | 2 | 12 | 18 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 2 | 0 | 0 | 6 |
| August | .17 | .09 | 0 | 3.3 | 10.8 | s. | 39 | s. | 3 | 15 | 13 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 2 | 0 | 8 |
| September | T | T | .0 | 1.5 | 12.1 | s. | 34 | s. | 2 | 26 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 1 |
| October | .40 | .22 | 1.0 | 3.8 | 10.8 | s. | 40 | sw. | 1 | 15 | 10 | 6 | 5 | 3 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 1 |
| November | .61 | .25 | 8.3 | 4.6 | 11.4 | s. | 43 | se. | 6 | 15 | 3 | 12 | 5 | 3 | 6 | 2 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 27 | 2 | 0 |
| December | .06 | .06 | 1.4 | 6.3 | 9.7 | s. | 34 | se. | 2 | 10 | 4 | 17 | 1 | 1 | 8 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 31 | 1 | 0 |
| Year | 4.60 | .58 | 34.3 | 4.6 | 11.1 | s. | 45 | s. | 37 | 155 | 105 | 105 | 56 | 29 | 79 | 40 | 4 | 11 | 1 | 1 | 1 | 22 | 21 | 2 | 225 | 16 | 19 |

## ERIE, PA.

Airport [$H$=732 ft.; $H_b$=737 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=31 ft.] City [$H$=655 ft.; $H_b$=690 ft.; $H_t$=57 ft.; $H_r$=50 ft.; $H_a$=81 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.64 | 0.38 | 8.5 | 8.5 | 10.2 | sw. | 29 | sw. | 0 | 1 | 7 | 23 | 13 | 11 | 15 | 10 | 0 | 2 | 0 | 0 | 1 | 12 | 0 | 0 | 29 | 1 | 1 |
| February | 2.14 | .67 | 11.4 | 6.9 | 8.9 | w. | 24 | nw. | 0 | 6 | 7 | 15 | 16 | 15 | 18 | 11 | 0 | 1 | 0 | 0 | 0 | 20 | 0 | 0 | 25 | 0 | 0 |
| March | 3.22 | 1.28 | 11.6 | 7.5 | 9.6 | w. | 34 | w. | 1 | 3 | 9 | 19 | 15 | 11 | 15 | 9 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 22 | 0 | 1 |
| April | 2.79 | 1.05 | .7 | 5.1 | 8.4 | w. | 24 | s. | 0 | 10 | 14 | 6 | 8 | 8 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 |
| May | 6.47 | 1.57 | .0 | 6.1 | 8.1 | w. | 24 | w. | 0 | 3 | 19 | 9 | 17 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| June | 1.53 | .49 | .0 | 5.8 | 6.6 | ne. | 20 | w. | 0 | 7 | 14 | 9 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | 4.12 | .97 | .0 | 5.1 | 7.4 | w. | 22 | w. | 0 | 9 | 17 | 5 | 15 | 12 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 |
| August | 2.87 | 1.94 | .0 | 5.3 | 7.0 | sw. | 24 | w. | 0 | 9 | 16 | 6 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 6.42 | 2.50 | T | 5.9 | 7.5 | s. | 20 | w. | 0 | 7 | 12 | 11 | 13 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| October | 4.36 | .88 | 1.0 | 7.3 | 8.1 | sw. | 22 | sw. | 0 | 6 | 6 | 19 | 15 | 14 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 3.67 | 1.02 | 2.3 | 8.4 | 10.0 | sw. | 28 | w. | 0 | 2 | 5 | 23 | 15 | 13 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 0 | 0 |
| December | 2.08 | .65 | 14.5 | 9.4 | 11.0 | sw. | 36 | se. | 1 | 1 | 1 | 29 | 15 | 9 | 15 | 12 | 0 | 3 | 0 | 0 | 0 | 14 | 0 | 0 | 25 | 0 | 0 |
| Year | 41.31 | 2.50 | 50.0 | 6.8 | 8.6 | w. | 36 | se. | 2 | 64 | 127 | 174 | 160 | 130 | 76 | 50 | 0 | 10 | 0 | 0 | 4 | 47 | 2 | 0 | 113 | 1 | 20 |

## ESCANABA, MICH.

[$\phi$=45°48′ N.; $\lambda$=87°05′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.31 | 30.01 | 29.76 | 28.62 | 18.2 | 16.6 | 21.9 | 19.7 | 16.9 | 15.6 | 19.6 | 18.2 | 25.5 | 12.5 | 19.0 | 53 | −20 | 14 | 13 | 13 | 14 | 13 | 81 | 84 | 66 | 76 | 77 |
| February | 29.43 | 30.12 | 29.75 | 28.76 | 17.9 | 17.0 | 24.2 | 21.2 | 16.7 | 16.2 | 21.8 | 19.6 | 26.3 | 13.4 | 19.8 | 36 | −10 | 13 | 14 | 16 | 16 | 15 | 81 | 87 | 68 | 77 | 78 |
| March | 29.17 | 29.86 | 29.58 | 28.37 | 28.9 | 27.1 | 35.1 | 33.2 | 27.3 | 25.8 | 31.3 | 30.4 | 36.9 | 24.6 | 30.8 | 47 | 9 | 24 | 23 | 25 | 26 | 25 | 83 | 84 | 67 | 73 | 77 |
| April | 29.40 | 30.08 | 29.84 | 28.72 | 40.1 | 38.8 | 47.9 | 45.6 | 36.8 | 36.1 | 41.5 | 40.4 | 51.9 | 36.0 | 44.0 | 73 | 26 | 32 | 32 | 33 | 34 | 33 | 75 | 78 | 59 | 65 | 69 |
| May | 29.32 | 29.98 | 29.67 | 28.65 | 47.4 | 47.1 | 54.1 | 53.2 | 44.7 | 44.2 | 48.2 | 47.8 | 57.8 | 42.1 | 50.0 | 72 | 32 | 42 | 41 | 42 | 42 | 42 | 82 | 80 | 66 | 68 | 74 |
| June | 29.32 | 29.98 | 29.62 | 28.86 | 58.0 | 58.1 | 65.4 | 64.6 | 55.1 | 55.0 | 58.1 | 58.0 | 68.3 | 53.4 | 60.8 | 81 | 38 | 53 | 53 | 53 | 53 | 53 | 84 | 83 | 65 | 69 | 75 |
| July | 29.32 | 29.97 | 29.53 | 28.99 | 62.1 | 62.1 | 71.9 | 69.5 | 59.1 | 58.7 | 63.0 | 62.2 | 74.6 | 57.1 | 65.8 | 87 | 44 | 57 | 56 | 58 | 57 | 57 | 85 | 82 | 63 | 68 | 74 |
| August | 29.34 | 30.00 | 29.64 | 28.96 | 62.4 | 61.0 | 71.1 | 68.7 | 59.3 | 58.8 | 62.7 | 63.1 | 73.2 | 57.5 | 65.4 | 87 | 40 | 57 | 57 | 57 | 60 | 58 | 83 | 88 | 64 | 74 | 77 |
| September | 29.34 | 30.00 | 29.75 | 28.77 | 53.2 | 51.2 | 60.4 | 57.6 | 50.6 | 49.6 | 53.7 | 52.8 | 62.6 | 47.9 | 55.2 | 80 | 29 | 48 | 48 | 48 | 49 | 48 | 85 | 84 | 65 | 74 | 78 |
| October | 29.28 | 29.95 | 29.78 | 28.61 | 44.6 | 42.9 | 53.4 | 49.4 | 41.8 | 41.1 | 46.8 | 44.9 | 56.2 | 39.1 | 47.6 | 74 | 22 | 38 | 39 | 40 | 40 | 39 | 80 | 86 | 62 | 71 | 75 |
| November | 29.29 | 29.97 | 29.83 | 28.28 | 33.3 | 30.4 | 36.9 | 35.3 | 31.4 | 28.7 | 33.2 | 32.2 | 40.5 | 26.9 | 33.7 | 53 | 10 | 27 | 26 | 27 | 27 | 27 | 77 | 81 | 68 | 71 | 74 |
| December | 29.35 | 30.04 | 29.97 | 28.45 | 18.9 | 18.4 | 23.0 | 20.9 | 17.8 | 17.4 | 21.0 | 19.3 | 25.5 | 13.5 | 19.5 | 34 | −9 | 15 | 15 | 16 | 15 | 15 | 83 | 84 | 73 | 77 | 79 |
| Year | 29.32 | 30.00 | 29.97 | 28.28 | 40.4 | 39.2 | 47.1 | 44.9 | 38.1 | 37.3 | 41.7 | 40.7 | 49.9 | 35.3 | 42.6 | 87 | −20 | 35 | 35 | 36 | 36 | 35 | 82 | 84 | 66 | 72 | 76 |

## EUREKA, CALIF.

[$\phi$=40°48′ N.;$\lambda$=124°11′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.05 | 30.12 | 30.36 | 29.48 | 49.1 | 47.3 | 51.4 | 54.6 | 45.8 | 44.5 | 47.2 | 49.4 | 56.7 | 43.9 | 50.3 | 74 | 28 | 42 | 42 | 43 | 44 | 43 | 80 | 82 | 75 | 71 | 77 |
| February | 30.00 | 30.08 | 30.32 | 29.51 | 46.9 | 44.1 | 49.1 | 51.5 | 45.1 | 42.6 | 45.2 | 47.6 | 53.4 | 41.2 | 47.3 | 59 | 34 | 43 | 41 | 41 | 44 | 42 | 87 | 89 | 74 | 75 | 81 |
| March | 30.06 | 30.13 | 30.29 | 29.44 | 48.0 | 44.5 | 50.0 | 52.6 | 45.3 | 42.6 | 45.8 | 47.8 | 54.8 | 42.1 | 48.4 | 68 | 35 | 42 | 40 | 42 | 43 | 42 | 82 | 86 | 73 | 71 | 78 |
| April | 29.93 | 30.00 | 30.25 | 29.48 | 50.6 | 49.0 | 52.5 | 54.1 | 47.8 | 46.1 | 48.3 | 49.5 | 56.8 | 46.4 | 51.6 | 67 | 39 | 45 | 43 | 44 | 45 | 44 | 82 | 81 | 75 | 72 | 78 |
| May | 30.02 | 30.10 | 30.26 | 29.62 | 52.1 | 49.3 | 55.0 | 56.1 | 49.8 | 47.8 | 50.6 | 51.7 | 58.1 | 48.1 | 53.1 | 72 | 38 | 48 | 46 | 47 | 48 | 47 | 85 | 90 | 74 | 74 | 81 |
| June | 30.02 | 30.09 | 30.18 | 29.87 | 54.7 | 52.3 | 57.2 | 59.0 | 52.3 | 50.8 | 53.3 | 54.1 | 60.8 | 51.5 | 56.2 | 72 | 48 | 50 | 49 | 50 | 50 | 50 | 86 | 90 | 78 | 73 | 82 |
| July | 30.00 | 30.07 | 30.14 | 29.80 | 58.3 | 56.5 | 60.9 | 62.2 | 56.4 | 55.3 | 57.3 | 58.1 | 63.9 | 55.6 | 59.8 | 71 | 53 | 55 | 54 | 55 | 55 | 55 | 90 | 93 | 81 | 78 | 86 |
| August | 29.98 | 30.00 | 30.13 | 29.80 | 56.2 | 54.8 | 57.1 | 58.6 | 54.7 | 54.0 | 54.9 | 55.6 | 60.9 | 53.8 | 57.4 | 66 | 49 | 54 | 53 | 53 | 54 | 53 | 91 | 95 | 87 | 83 | 89 |
| September | 29.96 | 30.02 | 30.13 | 29.76 | 53.8 | 51.9 | 56.7 | 57.9 | 52.1 | 50.8 | 52.9 | 54.1 | 60.2 | 50.8 | 55.5 | 69 | 41 | 51 | 50 | 50 | 51 | 50 | 90 | 92 | 79 | 79 | 85 |
| October | 30.04 | 30.11 | 30.35 | 29.71 | 52.6 | 50.6 | 54.5 | 56.6 | 51.2 | 49.3 | 51.7 | 53.3 | 59.6 | 48.2 | 53.9 | 71 | 40 | 50 | 48 | 50 | 51 | 50 | 91 | 92 | 84 | 82 | 87 |
| November | 30.02 | 30.09 | 30.33 | 29.50 | 50.5 | 49.5 | 53.9 | 54.9 | 48.2 | 47.0 | 50.0 | 51.2 | 58.5 | 45.5 | 52.0 | 70 | 37 | 46 | 44 | 46 | 48 | 46 | 86 | 84 | 77 | 78 | 81 |
| December | 30.10 | 30.17 | 30.37 | 29.54 | 48.9 | 48.0 | 50.5 | 52.0 | 47.5 | 46.6 | 48.3 | 49.6 | 54.8 | 44.9 | 49.8 | 62 | 36 | 46 | 45 | 46 | 47 | 46 | 90 | 90 | 86 | 85 | 88 |
| Year | 30.01 | 30.08 | 30.37 | 29.44 | 51.8 | 49.8 | 54.1 | 55.8 | 49.7 | 48.1 | 50.5 | 51.8 | 58.2 | 47.7 | 52.9 | 74 | 28 | 48 | 46 | 47 | 48 | 47 | 87 | 89 | 79 | 77 | 83 |

## EVANSVILLE, IND.

Airport [$\phi$=38°02′ N.; $\lambda$=87°32′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.67 | 30.15 | 30.15 | 28.84 | 28.2 | 25.7 | 36.0 | 32.8 | 26.2 | 24.1 | 31.7 | 29.7 | 40.7 | 20.6 | 30.6 | 66 | −15 | 22 | 21 | 24 | 24 | 23 | 78 | 83 | 63 | 71 | 74 |
| February | 29.58 | 30.06 | 29.92 | 28.77 | 31.6 | 30.3 | 35.8 | 34.8 | 29.5 | 28.6 | 32.3 | 31.9 | 40.1 | 26.6 | 33.4 | 63 | 6 | 26 | 26 | 27 | 27 | 26 | 78 | 82 | 69 | 72 | 75 |
| March | 29.43 | 29.90 | 29.79 | 28.78 | 43.5 | 40.1 | 51.9 | 50.5 | 40.0 | 37.9 | 44.5 | 44.2 | 57.3 | 36.3 | 46.8 | 78 | 24 | 36 | 35 | 36 | 37 | 36 | 76 | 82 | 58 | 62 | 70 |
| April | 29.61 | 30.08 | 29.90 | 29.11 | 53.0 | 49.3 | 66.2 | 64.1 | 48.1 | 46.2 | 54.7 | 53.7 | 69.7 | 45.7 | 57.7 | 89 | 30 | 44 | 43 | 45 | 45 | 44 | 72 | 80 | 49 | 53 | 64 |
| May | 29.54 | 29.99 | 29.80 | 29.22 | 60.1 | 59.8 | 71.4 | 69.7 | 56.2 | 55.9 | 60.7 | 60.2 | 74.8 | 54.8 | 64.8 | 89 | 42 | 54 | 53 | 54 | 54 | 54 | 80 | 79 | 55 | 59 | 68 |
| June | 29.48 | 29.93 | 29.72 | 29.18 | 68.9 | 69.7 | 81.5 | 78.6 | 66.4 | 66.5 | 70.2 | 70.1 | 85.2 | 64.1 | 74.6 | 94 | 50 | 65 | 65 | 64 | 66 | 65 | 88 | 84 | 58 | 67 | 74 |
| July | 29.56 | 30.01 | 29.73 | 29.38 | 72.9 | 71.9 | 86.0 | 83.5 | 69.5 | 69.0 | 72.5 | 73.1 | 88.7 | 68.3 | 78.5 | 96 | 57 | 68 | 68 | 66 | 69 | 68 | 85 | 86 | 53 | 62 | 71 |
| August | 29.56 | 30.02 | 29.80 | 29.38 | 69.6 | 68.3 | 82.7 | 79.5 | 67.0 | 66.3 | 70.8 | 70.6 | 85.6 | 65.0 | 75.3 | 99 | 49 | 66 | 65 | 65 | 66 | 66 | 87 | 90 | 56 | 65 | 75 |
| September | 29.59 | 30.05 | 30.02 | 29.32 | 61.2 | 59.9 | 76.3 | 70.6 | 58.7 | 57.7 | 64.1 | 62.4 | 79.4 | 56.3 | 67.8 | 92 | 31 | 57 | 56 | 56 | 57 | 56 | 86 | 87 | 51 | 63 | 72 |
| October | 29.57 | 30.03 | 29.81 | 29.01 | 52.7 | 48.7 | 66.5 | 61.0 | 48.6 | 46.1 | 54.5 | 52.3 | 70.0 | 44.8 | 57.4 | 84 | 24 | 45 | 44 | 45 | 45 | 44 | 76 | 83 | 48 | 57 | 66 |
| November | 29.61 | 30.08 | 30.03 | 29.06 | 46.9 | 43.1 | 52.6 | 49.9 | 43.5 | 40.9 | 46.0 | 45.0 | 57.1 | 39.7 | 48.4 | 78 | 22 | 40 | 38 | 38 | 40 | 39 | 77 | 82 | 62 | 70 | 73 |
| December | 29.64 | 30.11 | 30.10 | 29.02 | 31.5 | 31.0 | 36.4 | 34.6 | 30.0 | 29.6 | 33.7 | 32.5 | 39.8 | 26.0 | 32.9 | 73 | 3 | 28 | 27 | 30 | 29 | 28 | 85 | 85 | 75 | 80 | 81 |
| Year | 29.57 | 30.03 | 30.15 | 28.77 | 51.7 | 49.8 | 62.0 | 59.1 | 48.6 | 47.4 | 53.0 | 52.1 | 65.7 | 45.7 | 55.7 | 99 | −15 | 46 | 45 | 46 | 47 | 46 | 81 | 84 | 58 | 65 | 72 |

## FAIRBANKS, ALASKA

Airport [$\phi$=64°51′ N.; $\lambda$=147°43′ W.] City [$\phi$=64°51′ N.; $\lambda$=147°39′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.22 | 29.79 | 29.86 | 28.30 | 1.9 | 0.7 | −0.1 | 4.0 | 1.5 | 0.3 | −0.5 | 3.7 | 8.8 | −7.0 | 0.9 | 35 | −28 | 0 | −1 | −2 | 2 | −1 | 89 | 90 | 88 | 90 | 89 |
| February | 29.27 | 29.82 | 29.98 | 28.36 | 11.4 | 8.9 | 7.1 | 19.6 | 10.5 | 7.9 | 6.6 | 17.5 | 21.2 | 1.8 | 11.5 | 44 | −17 | 8 | 5 | 4 | 13 | 8 | 85 | 85 | 88 | 73 | 83 |
| March | 29.20 | 29.75 | 30.09 | 28.20 | 10.1 | −.7 | 2.3 | 22.3 | 8.9 | −1.3 | 1.6 | 19.2 | 23.7 | −7.5 | 8.1 | 39 | −28 | 4 | 4 | 1 | 11 | 5 | 77 | 85 | 83 | 61 | 75 |
| April | 29.18 | 29.71 | 29.73 | 28.58 | 35.7 | 26.7 | 34.3 | 44.6 | 31.5 | 25.3 | 30.7 | 36.6 | 46.1 | 23.7 | 34.9 | 59 | −2 | 25 | 23 | 25 | 25 | 24 | 64 | 84 | 68 | 46 | 65 |
| May | 29.41 | 29.92 | 29.87 | 28.84 | 56.6 | 41.3 | 52.9 | 62.3 | 47.1 | 39.1 | 45.3 | 49.4 | 65.4 | 38.4 | 51.9 | 81 | 28 | 37 | 36 | 37 | 36 | 37 | 51 | 83 | 56 | 40 | 53 |
| June | 29.32 | 29.82 | 29.72 | 28.91 | 64.7 | 51.3 | 61.6 | 69.9 | 54.5 | 48.3 | 53.2 | 54.9 | 73.4 | 49.3 | 61.4 | 91 | 38 | 46 | 46 | 46 | 42 | 45 | 54 | 82 | 60 | 39 | 59 |
| July | 29.43 | 29.93 | 29.81 | 29.10 | 64.5 | 51.9 | 60.1 | 69.0 | 56.7 | 50.3 | 54.5 | 57.1 | 71.8 | 49.7 | 60.8 | 82 | 41 | 51 | 49 | 50 | 48 | 50 | 63 | 90 | 71 | 50 | 69 |
| August | 29.30 | 29.81 | 29.75 | 28.79 | 57.8 | 50.9 | 55.5 | 64.6 | 53.1 | 49.0 | 51.6 | 54.9 | 66.0 | 47.8 | 56.9 | 80 | 41 | 50 | 47 | 48 | 47 | 48 | 75 | 88 | 79 | 56 | 74 |
| September | 29.37 | 29.89 | 29.85 | 28.89 | 49.4 | 44.1 | 46.0 | 57.4 | 46.3 | 42.4 | 43.7 | 49.9 | 58.3 | 39.4 | 48.8 | 70 | 26 | 43 | 40 | 41 | 43 | 42 | 79 | 87 | 84 | 61 | 78 |
| October | 29.10 | 29.64 | 29.79 | 28.51 | 27.6 | 25.7 | 25.7 | 34.5 | 26.6 | 24.7 | 24.7 | 31.7 | 35.3 | 20.7 | 28.0 | 63 | 3 | 25 | 23 | 23 | 28 | 24 | 88 | 89 | 88 | 76 | 86 |
| November | 29.40 | 29.98 | 29.93 | 28.86 | −4.1 | −6.1 | −7.1 | 0.0 | −4.6 | −0.6 | −7.6 | −0.7 | 2.0 | −14.7 | −6.4 | 21 | −41 | −9 | −10 | −12 | −5 | −9 | 77 | 80 | 79 | 78 | 78 |
| December | 29.51 | 30.12 | 30.07 | 28.80 | −22.3 | −23.5 | −22.4 | −20.2 | −22.5 | −23.7 | −22.7 | −20.5 | −18.2 | −31.0 | −24.6 | 6 | −50 | −26 | −27 | −27 | −24 | −26 | 83 | 83 | 79 | 81 | 81 |
| Year | 29.31 | 29.85 | 30.09 | 28.20 | 29.4 | 22.6 | 26.3 | 35.7 | 25.8 | 21.3 | 23.4 | 29.5 | 37.8 | 17.6 | 27.7 | 91 | −50 | 21 | 20 | 20 | 22 | 21 | 74 | 86 | 77 | 63 | 75 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Evansville, Ind., 431 feet; Fairbanks, Alaska, 454 feet.
[2] Airport data.

## ESCANABA, MICH.

[$H$=612 ft.; $H_b$=618 ft.; $H_i$=51 ft.; $H_r$=44 ft.; $H_a$=72 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 0.42 | 0.20 | 8.6 | 6.5 | 11.6 | sw. | 42 | n. | 3 | 6 | 11 | 14 | 8 | 4 | 18 | 8 | 0 | 2 | 0 | 0 | 0 | 16 | 0 | 0 | 31 | 7 | 0 |
| February | .83 | .54 | 11.3 | 8.1 | 11.6 | n. | 35 | n. | 1 | 2 | 8 | 18 | 8 | 5 | 24 | 8 | 0 | 2 | 0 | 0 | 0 | 21 | 0 | 0 | 28 | 3 | 0 |
| March | 3.52 | .70 | 26.4 | 7.6 | 11.7 | nw. | 42 | nw. | 3 | 4 | 6 | 21 | 19 | 11 | 19 | 7 | 0 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 27 | 0 | 0 |
| April | 1.94 | .83 | 5.2 | 5.1 | 11.2 | s. | 29 | n. | 0 | 10 | 9 | 11 | 8 | 8 | 4 | 2 | 1 | 4 | 3 | 3 | 3 | 1 | 0 | 0 | 15 | 0 | 2 |
| May | 2.94 | .90 | T | 6.4 | 11.4 | s. | 29 | nw. | 0 | 5 | 11 | 15 | 17 | 11 | 1 | 0 | 0 | 9 | 3 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 5 |
| June | 2.69 | .72 | .0 | 6.1 | 8.6 | s. | 28 | nw. | 0 | 7 | 9 | 14 | 14 | 12 | 0 | 0 | 0 | 9 | 7 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 7 |
| July | 3.99 | 2.40 | .0 | 5.7 | 9.2 | s. | 31 | n. | 0 | 9 | 13 | 9 | 12 | 11 | 0 | 0 | 0 | 9 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 8 |
| August | 1.61 | 1.23 | .0 | 6.3 | 9.9 | s. | 27 | nw. | 0 | 8 | 9 | 14 | 6 | 5 | 0 | 0 | 0 | 15 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| September | 5.04 | 1.63 | .3 | 6.9 | 10.4 | s. | 30 | nw. | 0 | 4 | 8 | 18 | 17 | 10 | 4 | 1 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 5 |
| October | 3.09 | 1.77 | .5 | 5.7 | 9.9 | s. | 36 | s. | 1 | 9 | 11 | 11 | 9 | 9 | 4 | 1 | 0 | 10 | 5 | 3 | 2 | 0 | 0 | 0 | 7 | 0 | 1 |
| November | 1.72 | .60 | 2.6 | 6.8 | 11.9 | nw. | 38 | nw. | 4 | 6 | 8 | 16 | 11 | 5 | 10 | 4 | 0 | 6 | 3 | 2 | 2 | 5 | 0 | 0 | 22 | 0 | 0 |
| December | 2.60 | .75 | 20.0 | 8.0 | 11.2 | nw. | 33 | nw. | 1 | 3 | 6 | 22 | 18 | 10 | 25 | 18 | 0 | 3 | 0 | 0 | 0 | 27 | 0 | 0 | 31 | 2 | 0 |
| Year | 30.39 | 2.40 | 74.9 | 6.6 | 10.7 | s. | 42 | nw. | 13 | 73 | 109 | 183 | 147 | 101 | 109 | 49 | 2 | 81 | 29 | 19 | 14 | 75 | 0 | 0 | 166 | 12 | 30 |

## EUREKA, CALIF.

[$H$=43 ft.; $H_b$=60 ft.; $H_i$=72 ft.; $H_r$=65 ft.; $H_a$=88 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.08 | 1.26 | 0.0 | 7.1 | 6.8 | se. | 37 | sw. | 1 | 6 | 5 | 20 | 15 | 15 | 0 | 0 | 0 | 6 | 4 | 5 | 3 | 0 | 0 | 0 | 2 | 0 | 1 |
| February | 6.22 | 2.11 | .0 | 5.5 | 8.0 | se. | 28 | n. | 0 | 10 | 10 | 8 | 13 | 12 | 0 | 0 | 0 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| March | 1.77 | .67 | T | 6.0 | 8.3 | n. | 31 | n. | 0 | 10 | 8 | 13 | 8 | 8 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 4.05 | .86 | .0 | 7.6 | 9.8 | n. | 32 | sw. | 2 | 3 | 8 | 19 | 15 | 12 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 5.43 | 1.90 | .0 | 7.4 | 7.9 | n. | 25 | n. | 0 | 3 | 7 | 21 | 13 | 13 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | .57 | .31 | .0 | 5.3 | 7.7 | n. | 25 | n. | 0 | 12 | 8 | 10 | 8 | 5 | 0 | 0 | 0 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | .07 | .04 | .0 | 6.7 | 6.9 | n. | 19 | n. | 0 | 4 | 11 | 16 | 5 | 0 | 0 | 0 | 0 | 12 | 9 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | .06 | .02 | .0 | 7.5 | 6.1 | n. | 17 | sw. | 0 | 3 | 8 | 20 | 5 | 0 | 0 | 0 | 0 | 15 | 11 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | .06 | .06 | .0 | 6.2 | 5.7 | n. | 30 | n. | 0 | 8 | 8 | 14 | 3 | 1 | 0 | 0 | 0 | 16 | 14 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 1.21 | .45 | .0 | 6.1 | 5.0 | n. | 24 | n. | 0 | 7 | 10 | 14 | 8 | 5 | 0 | 0 | 0 | 20 | 18 | 9 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 8.60 | 1.55 | .0 | 7.0 | 6.5 | se. | 26 | sw. | 0 | 5 | 8 | 17 | 19 | 17 | 0 | 0 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 8.52 | 1.13 | .0 | 8.1 | 7.3 | se. | 32 | sw. | 1 | 2 | 8 | 21 | 22 | 21 | 0 | 0 | 2 | 11 | 6 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 40.64 | 2.11 | T | 6.7 | 7.2 | n. | 37 | sw. | 4 | 73 | 99 | 193 | 134 | 109 | 1 | 0 | 4 | 99 | 72 | 37 | 33 | 0 | 0 | 0 | 2 | 0 | 4 |

## EVANSVILLE, IND.

[H=388 ft.; $H_b$=388 ft.; $H_i$=11 ft.; $H_r$=3 ft.; $H_a$=40 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.68 | 0.98 | 5.1 | 5.4 | 9.1 | sw. | 34 | w. | 1 | 12 | 5 | 14 | 7 | 6 | 8 | 2 | 0 | 12 | 4 | 1 | 0 | 9 | 0 | 0 | 25 | 5 | 1 |
| February | 3.00 | 1.01 | 3.9 | 7.4 | 9.4 | nw. | 34 | w. | 1 | 4 | 7 | 17 | 10 | 7 | 13 | 4 | 0 | 5 | 2 | 1 | 0 | 6 | 0 | 0 | 22 | 0 | 2 |
| March | 5.06 | 1.55 | T | 7.0 | 10.4 | nw. | 36 | sw. | 2 | 4 | 10 | 17 | 12 | 11 | 6 | 3 | 0 | 18 | 3 | 2 | 0 | 0 | 0 | 0 | 11 | 0 | 6 |
| April | 3.91 | 3.00 | .0 | 5.3 | 8.7 | sw. | 29 | ne. | 0 | 12 | 8 | 10 | 8 | 4 | 0 | 0 | 0 | 10 | 4 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | 1 |
| May | 5.19 | 2.46 | .0 | 6.3 | 8.3 | s. | 30 | w. | 0 | 7 | 12 | 12 | 5 | 8 | 0 | 0 | 0 | 9 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| June | 3.23 | 1.62 | .0 | 6.5 | 6.4 | n. | 36 | s. | 1 | 4 | 12 | 14 | 11 | 8 | 0 | 0 | 0 | 15 | 3 | 2 | 2 | 0 | 8 | 0 | 0 | 0 | 13 |
| July | 1.54 | .94 | .0 | 5.4 | 6.5 | sw. | 30 | sw. | 0 | 10 | 14 | 7 | 8 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 14 | 2 | 0 | 0 | 10 |
| August | 2.69 | 1.96 | .0 | 5.6 | 6.1 | n. | 19 | sw. | 0 | 9 | 12 | 10 | 9 | 7 | 0 | 0 | 0 | 14 | 4 | 3 | 2 | 0 | 5 | 2 | 0 | 0 | 3 |
| September | 1.63 | .90 | .0 | 5.0 | 7.2 | s. | 27 | nw. | 0 | 11 | 10 | 9 | 7 | 5 | 0 | 0 | 0 | 10 | 2 | 1 | 1 | 0 | 2 | 0 | 2 | 0 | 3 |
| October | 1.45 | .63 | T | 5.4 | 7.1 | s. | 33 | s. | 1 | 9 | 12 | 10 | 6 | 6 | 1 | 0 | 0 | 11 | 4 | 4 | 3 | 0 | 0 | 0 | 4 | 0 | 1 |
| November | 6.07 | 1.80 | .0 | 6.8 | 9.7 | s. | 35 | sw. | 1 | 8 | 6 | 16 | 15 | 15 | 0 | 0 | 0 | 18 | 6 | 3 | 2 | 0 | 0 | 0 | 11 | 0 | 2 |
| December | 2.80 | .76 | 6.5 | 7.6 | 8.4 | nw. | 31 | w. | 0 | 4 | 7 | 20 | 13 | 11 | 10 | 4 | 0 | 23 | 10 | 7 | 7 | 8 | 0 | 0 | 25 | 0 | 0 |
| Year | 39.25 | 3.00 | 15.5 | 6.1 | 8.1 | sw. | 36 | s. | 7 | 94 | 115 | 156 | 114 | 93 | 38 | 13 | 0 | 147 | 44 | 28 | 21 | 23 | 29 | 4 | 103 | 5 | 48 |

## FAIRBANKS, ALASKA

Airport [H=448 ft.; $H_b$=464 ft.; $H_i$=4 ft.; $H_r$=3 ft.; $H_a$=82 ft.] City [$H$=454 ft.; $H_b$=454 ft.; $H_i$=11 ft.; $H_r$=72 ft.; $H_a$=87 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.26 | 0.11 | 5.3 | 6.5 | 3.1 | n. | 14 | ne. | 0 | 6 | 9 | 16 | 6 | 3 | 12 | 6 | 0 | 17 | 8 | 5 | 4 | 30 | 0 | 0 | 31 | 23 | 0 |
| February | .26 | .14 | 3.8 | 7.6 | 4.4 | e. | 24 | e. | 0 | 4 | 5 | 19 | 6 | 3 | 10 | 6 | 0 | 5 | 0 | 0 | 0 | 22 | 0 | 0 | 28 | 15 | 0 |
| March | .29 | .12 | 4.2 | 6.1 | 4.6 | e. | 19 | e. | 0 | 8 | 8 | 15 | 6 | 2 | 12 | 6 | 0 | 6 | 0 | 0 | 0 | 26 | 0 | 0 | 31 | 25 | 0 |
| April | .07 | .03 | .5 | 6.5 | 5.7 | e. | 20 | e. | 0 | 5 | 11 | 14 | 4 | 0 | 6 | 3 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 28 | 1 | 0 |
| May | .48 | .36 | T | 6.7 | 5.8 | sw. | 21 | w. | 0 | 5 | 10 | 16 | 6 | 4 | 1 | 0 | 1 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 7 | 0 | 1 |
| June | 2.75 | 1.16 | .0 | 7.1 | 6.3 | w. | 27 | sw. | 0 | 3 | 11 | 16 | 12 | 8 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 |
| July | 1.65 | .49 | .0 | 7.6 | 5.8 | w. | 26 | s. | 0 | 1 | 11 | 19 | 16 | 10 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| August | 3.49 | .70 | .0 | 8.3 | 6.1 | sw. | 22 | sw. | 0 | 0 | 8 | 23 | 19 | 15 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| September | 2.85 | .57 | T | 7.7 | 4.8 | e. | 19 | w. | 0 | 5 | 3 | 22 | 14 | 10 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| October | .91 | .29 | 9.1 | 8.4 | 4.8 | n. | 21 | e. | 0 | 4 | 3 | 24 | 12 | 7 | 15 | 10 | 0 | 14 | 6 | 5 | 3 | 11 | 0 | 0 | 28 | 0 | 0 |
| November | 1.14 | .82 | 11.5 | 5.4 | 3.3 | n. | 25 | w. | 0 | 13 | 3 | 14 | 7 | 5 | 15 | 7 | 0 | 5 | 3 | 1 | 0 | 30 | 0 | 0 | 30 | 25 | 0 |
| December | .07 | .03 | 1.7 | 5.9 | 2.4 | n. | 12 | ne. | 0 | 11 | 4 | 16 | 4 | 0 | 15 | 4 | 0 | 13 | 8 | 6 | 5 | 31 | 0 | 0 | 31 | 31 | 0 |
| Year | 14.22 | 1.16 | 36.1 | 7.0 | 4.8 | n. | 27 | sw. | 0 | 65 | 86 | 214 | 112 | 67 | 87 | 42 | 1 | 81 | 28 | 19 | 13 | 151 | 1 | 0 | 219 | 120 | 6 |

### FARGO, N. DAK.

Airport [$\phi$=46°54′ N.; $\lambda$=96°48′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.01 | 30.08 | 29.52 | 28.58 | 13.9 | 11.3 | 21.6 | 20.4 | 12.8 | 10.7 | 18.9 | 18.2 | 27.4 | 8.6 | 18.0 | 52 | −22 | 10 | 9 | 13 | 14 | 11 | 83 | 88 | 69 | 76 | 79 |
| February | 29.11 | 30.18 | 29.33 | 28.58 | 11.9 | 8.2 | 17.8 | 17.9 | 11.4 | 7.8 | 16.2 | 16.6 | 23.3 | 3.6 | 13.4 | 38 | −18 | 10 | 6 | 12 | 13 | 10 | 91 | 92 | 75 | 80 | 85 |
| March | 28.82 | 29.86 | 29.38 | 28.36 | 30.8 | 27.5 | 37.0 | 37.5 | 28.9 | 26.5 | 32.8 | 33.5 | 42.2 | 25.4 | 33.8 | 61 | 17 | 26 | 25 | 26 | 28 | 26 | 82 | 88 | 67 | 68 | 76 |
| April | 28.93 | 29.96 | 29.45 | 28.27 | 42.3 | 38.6 | 54.5 | 55.2 | 38.7 | 36.1 | 46.3 | 46.2 | 59.8 | 35.7 | 47.8 | 85 | 6 | 35 | 33 | 38 | 38 | 36 | 76 | 81 | 57 | 56 | 68 |
| May | 28.93 | 29.95 | 29.33 | 28.34 | 47.7 | 45.5 | 58.3 | 58.6 | 44.8 | 43.2 | 49.7 | 50.5 | 62.4 | 41.6 | 52.0 | 85 | 30 | 42 | 41 | 42 | 43 | 42 | 81 | 84 | 58 | 60 | 71 |
| June | 28.89 | 29.90 | 29.16 | 28.52 | 58.0 | 56.8 | 68.0 | 68.6 | 55.7 | 54.2 | 60.4 | 61.0 | 72.0 | 53.3 | 62.6 | 84 | 37 | 54 | 52 | 55 | 56 | 54 | 86 | 85 | 65 | 66 | 76 |
| July | 28.94 | 29.94 | 29.30 | 28.60 | 62.8 | 60.5 | 76.0 | 77.0 | 59.6 | 58.2 | 63.9 | 65.4 | 81.1 | 56.4 | 68.8 | 94 | 43 | 58 | 57 | 56 | 59 | 57 | 84 | 88 | 53 | 55 | 70 |
| August | 28.90 | 29.90 | 29.28 | 28.60 | 62.6 | 59.6 | 75.8 | 75.0 | 59.7 | 57.7 | 64.8 | 64.9 | 79.9 | 56.9 | 68.4 | 94 | 38 | 58 | 56 | 58 | 59 | 58 | 85 | 89 | 57 | 60 | 73 |
| September | 28.98 | 30.00 | 29.35 | 28.57 | 50.0 | 46.1 | 60.5 | 59.6 | 47.8 | 44.8 | 52.7 | 52.8 | 65.1 | 43.2 | 54.2 | 85 | 20 | 46 | 44 | 46 | 48 | 46 | 86 | 90 | 61 | 66 | 76 |
| October | 28.93 | 29.96 | 29.37 | 28.39 | 42.2 | 38.1 | 54.8 | 50.6 | 39.1 | 36.0 | 46.2 | 44.2 | 59.0 | 35.3 | 47.2 | 83 | 15 | 35 | 33 | 38 | 38 | 36 | 78 | 83 | 55 | 64 | 70 |
| November | 28.93 | 29.98 | 29.54 | 28.06 | 25.4 | 22.2 | 32.6 | 29.8 | 23.4 | 20.7 | 28.4 | 26.9 | 38.1 | 16.9 | 27.5 | 61 | −8 | 26 | 18 | 21 | 22 | 20 | 78 | 82 | 62 | 72 | 74 |
| December | 29.05 | 30.14 | 29.67 | 28.43 | 7.5 | 5.9 | 10.9 | 9.6 | 7.1 | 5.5 | 10.0 | 8.9 | 17.8 | −2.5 | 7.6 | 33 | −25 | 5 | 4 | 7 | 6 | 6 | 89 | 91 | 82 | 86 | 87 |
| Year | 28.95 | 29.99 | 29.67 | 28.06 | 37.9 | 35.0 | 47.3 | 46.6 | 35.8 | 33.4 | 40.9 | 40.8 | 52.3 | 31.2 | 41.8 | 94 | −25 | 33 | 32 | 34 | 35 | 34 | 83 | 87 | 63 | 67 | 75 |

### FORT SMITH, ARK.

[$\phi$=35°22′ N.; $\lambda$=94°24′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.69 | 30.20 | 30.17 | 28.96 | 35.3 | 30.4 | 41.1 | 41.9 | 31.5 | 28.3 | 36.0 | 35.2 | 47.8 | 27.1 | 37.4 | 73 | 3 | 25 | 24 | 28 | 26 | 26 | 66 | 77 | 61 | 54 | 65 |
| February | 29.54 | 30.03 | 29.96 | 28.92 | 39.1 | 36.2 | 44.7 | 46.7 | 35.4 | 33.6 | 39.8 | 39.8 | 50.3 | 33.0 | 41.6 | 73 | 15 | 30 | 29 | 33 | 31 | 31 | 68 | 76 | 65 | 54 | 66 |
| March | 29.41 | 29.90 | 29.94 | 28.94 | 50.2 | 45.0 | 51.9 | 58.7 | 43.7 | 41.9 | 48.2 | 47.3 | 63.8 | 41.2 | 52.5 | 80 | 31 | 36 | 38 | 37 | 34 | 36 | 60 | 76 | 50 | 43 | 57 |
| April | 29.48 | 29.96 | 29.80 | 29.16 | 60.9 | 57.1 | 69.6 | 70.3 | 54.9 | 53.0 | 59.1 | 58.5 | 74.9 | 54.8 | 64.8 | 87 | 35 | 50 | 49 | 52 | 49 | 50 | 68 | 75 | 57 | 51 | 63 |
| May | 29.46 | 29.93 | 29.76 | 29.10 | 65.8 | 62.8 | 73.9 | 75.3 | 60.0 | 59.0 | 63.8 | 63.4 | 78.6 | 59.0 | 68.8 | 94 | 45 | 56 | 56 | 58 | 56 | 56 | 72 | 80 | 59 | 53 | 66 |
| June | 29.40 | 29.87 | 29.70 | 29.13 | 74.5 | 72.1 | 81.9 | 83.3 | 70.0 | 68.1 | 71.3 | 72.0 | 87.6 | 69.4 | 78.5 | 97 | 54 | 68 | 66 | 66 | 67 | 67 | 80 | 82 | 61 | 59 | 70 |
| July | 29.54 | 30.00 | 29.69 | 29.38 | 78.1 | 74.5 | 87.6 | 89.3 | 71.9 | 70.2 | 74.1 | 73.8 | 92.1 | 72.8 | 82.4 | 100 | 64 | 69 | 68 | 68 | 67 | 68 | 74 | 81 | 53 | 48 | 64 |
| August | 29.49 | 29.96 | 29.66 | 29.38 | 76.1 | 72.4 | 84.9 | 85.5 | 71.2 | 69.1 | 73.7 | 73.5 | 89.6 | 71.3 | 80.4 | 99 | 65 | 69 | 68 | 69 | 68 | 68 | 79 | 85 | 60 | 58 | 71 |
| September | 29.53 | 30.00 | 29.93 | 29.31 | 68.3 | 64.1 | 76.8 | 76.6 | 64.2 | 61.6 | 65.9 | 66.2 | 82.3 | 62.7 | 72.5 | 93 | 38 | 62 | 60 | 59 | 60 | 60 | 79 | 86 | 56 | 58 | 70 |
| October | 29.52 | 30.00 | 29.80 | 29.02 | 59.5 | 55.2 | 69.6 | 67.7 | 54.5 | 51.8 | 57.9 | 57.8 | 73.9 | 53.2 | 63.6 | 84 | 32 | 50 | 49 | 49 | 50 | 49 | 72 | 79 | 50 | 56 | 64 |
| November | 29.55 | 30.03 | 30.04 | 28.98 | 51.7 | 48.1 | 59.0 | 57.8 | 47.3 | 44.8 | 50.8 | 50.3 | 63.7 | 45.5 | 54.6 | 82 | 26 | 42 | 41 | 43 | 42 | 42 | 72 | 77 | 58 | 60 | 67 |
| December | 29.58 | 30.07 | 30.00 | 29.07 | 40.9 | 38.8 | 45.2 | 45.5 | 37.8 | 36.3 | 40.6 | 40.7 | 49.6 | 36.1 | 42.8 | 68 | 29 | 34 | 33 | 35 | 35 | 34 | 76 | 78 | 68 | 67 | 72 |
| Year | 29.52 | 30.00 | 30.17 | 28.92 | 58.4 | 54.7 | 65.5 | 66.6 | 53.5 | 51.5 | 56.8 | 56.5 | 71.2 | 52.2 | 61.7 | 100 | 3 | 49 | 48 | 50 | 49 | 49 | 72 | 79 | 58 | 55 | 66 |

### FORT WAYNE, IND.

Airport [$\phi$=41°10′ N.; $\lambda$=85°08′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.12 | 30.07 | 29.56 | 28.25 | 23.5 | 22.5 | 29.5 | 27.1 | 22.3 | 21.6 | 27.2 | 25.5 | 32.3 | 18.5 | 25.4 | 52 | −10 | 20 | 20 | 23 | 22 | 21 | 84 | 88 | 75 | 80 | 82 |
| February | 29.10 | 30.06 | 29.48 | 28.41 | 21.1 | 18.5 | 27.5 | 25.2 | 20.5 | 18.0 | 25.4 | 24.0 | 29.7 | 15.9 | 22.8 | 42 | −1 | 19 | 17 | 21 | 21 | 20 | 90 | 92 | 75 | 84 | 85 |
| March | 28.92 | 29.86 | 29.28 | 28.02 | 35.0 | 33.1 | 42.6 | 39.8 | 33.5 | 32.0 | 38.3 | 36.9 | 46.8 | 30.8 | 38.8 | 69 | 21 | 31 | 30 | 33 | 33 | 32 | 86 | 89 | 69 | 79 | 81 |
| April | 29.15 | 30.08 | 29.41 | 28.75 | 46.6 | 45.4 | 61.2 | 58.3 | 43.4 | 42.5 | 50.9 | 49.9 | 65.1 | 40.6 | 52.8 | 88 | 28 | 40 | 40 | 42 | 42 | 41 | 79 | 81 | 53 | 58 | 68 |
| May | 29.07 | 29.98 | 29.40 | 28.67 | 55.6 | 55.0 | 67.5 | 66.0 | 52.0 | 51.9 | 58.0 | 57.6 | 71.7 | 50.0 | 60.8 | 93 | 34 | 46 | 49 | 51 | 52 | 50 | 80 | 82 | 59 | 62 | 71 |
| June | 29.05 | 29.96 | 29.32 | 28.71 | 64.1 | 65.2 | 77.1 | 74.0 | 61.3 | 61.8 | 66.9 | 65.9 | 80.2 | 59.8 | 70.0 | 92 | 47 | 60 | 60 | 61 | 61 | 60 | 86 | 83 | 60 | 66 | 74 |
| July | 29.10 | 30.00 | 29.26 | 28.88 | 67.3 | 67.4 | 81.5 | 79.2 | 64.1 | 64.3 | 69.5 | 69.2 | 84.4 | 62.5 | 73.4 | 95 | 51 | 62 | 63 | 63 | 64 | 63 | 84 | 85 | 55 | 61 | 71 |
| August | 29.13 | 30.04 | 29.42 | 28.89 | 64.2 | 63.3 | 76.6 | 73.2 | 62.5 | 61.6 | 67.4 | 66.8 | 79.7 | 60.4 | 70.0 | 85 | 45 | 62 | 60 | 62 | 63 | 62 | 91 | 91 | 63 | 72 | 79 |
| September | 29.13 | 30.05 | 29.58 | 28.80 | 56.0 | 54.8 | 69.6 | 62.9 | 54.5 | 53.5 | 61.0 | 58.5 | 72.5 | 51.2 | 61.8 | 88 | 30 | 53 | 52 | 55 | 56 | 54 | 91 | 91 | 61 | 77 | 80 |
| October | 29.09 | 30.02 | 29.42 | 28.45 | 48.3 | 45.1 | 61.1 | 54.0 | 45.8 | 43.6 | 52.3 | 49.2 | 63.2 | 42.7 | 53.0 | 81 | 21 | 43 | 42 | 45 | 45 | 44 | 82 | 89 | 57 | 72 | 75 |
| November | 29.11 | 30.05 | 29.55 | 28.50 | 40.4 | 36.8 | 45.8 | 42.8 | 38.1 | 35.1 | 41.0 | 39.9 | 50.5 | 32.8 | 41.6 | 71 | 19 | 35 | 33 | 35 | 36 | 35 | 82 | 86 | 68 | 78 | 78 |
| December | 29.13 | 30.09 | 29.69 | 28.45 | 21.7 | 20.8 | 27.6 | 25.1 | 21.0 | 20.3 | 26.2 | 24.1 | 29.9 | 16.7 | 23.3 | 54 | −5 | 19 | 19 | 23 | 22 | 21 | 89 | 92 | 63 | 86 | 87 |
| Year | 29.09 | 30.02 | 29.69 | 28.02 | 45.3 | 44.0 | 55.6 | 52.3 | 43.2 | 42.2 | 48.7 | 47.3 | 58.8 | 40.2 | 49.5 | 95 | −10 | 41 | 40 | 43 | 43 | 42 | 85 | 87 | 65 | 73 | 78 |

### FORT WORTH, TEX.

Airport [$\phi$=32°49′ N.; $\lambda$=97°21′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.50 | 30.24 | 29.95 | 28.89 | 39.6 | 35.6 | 48.1 | 47.3 | 35.1 | 32.8 | 39.5 | 39.3 | 54.9 | 31.3 | 43.1 | 73 | 9 | 29 | 29 | 29 | 29 | 29 | 67 | 77 | 51 | 53 | 62 |
| February | 29.30 | 30.03 | 29.79 | 28.80 | 44.6 | 41.2 | 51.9 | 53.4 | 40.9 | 38.6 | 45.3 | 45.8 | 58.8 | 37.8 | 48.3 | 85 | 19 | 36 | 35 | 38 | 37 | 37 | 73 | 79 | 60 | 56 | 67 |
| March | 29.21 | 29.93 | 29.72 | 28.74 | 51.6 | 45.8 | 63.2 | 63.7 | 44.8 | 41.3 | 49.3 | 50.3 | 69.7 | 42.6 | 56.2 | 85 | 31 | 37 | 36 | 34 | 37 | 36 | 60 | 68 | 38 | 40 | 52 |
| April | 29.23 | 29.94 | 29.60 | 28.89 | 60.8 | 57.8 | 67.7 | 70.8 | 57.3 | 55.8 | 61.5 | 62.0 | 75.3 | 56.0 | 65.6 | 86 | 42 | 54 | 54 | 56 | 56 | 55 | 81 | 88 | 65 | 64 | 75 |
| May | 29.22 | 29.93 | 29.56 | 28.86 | 68.0 | 64.3 | 76.4 | 78.7 | 64.1 | 62.2 | 65.9 | 66.9 | 82.8 | 62.3 | 72.6 | 94 | 45 | 62 | 61 | 60 | 61 | 61 | 81 | 89 | 58 | 55 | 71 |
| June | 29.16 | 29.86 | 29.47 | 28.91 | 76.7 | 73.0 | 85.2 | 88.1 | 71.5 | 70.1 | 73.6 | 74.1 | 91.5 | 71.3 | 81.4 | 100 | 60 | 69 | 69 | 69 | 68 | 69 | 78 | 87 | 60 | 54 | 70 |
| July | 29.32 | 30.02 | 29.50 | 29.14 | 79.3 | 73.9 | 91.0 | 92.9 | 70.8 | 70.1 | 73.5 | 73.7 | 96.6 | 73.0 | 84.8 | 103 | 65 | 67 | 68 | 65 | 65 | 66 | 66 | 83 | 44 | 41 | 59 |
| August | 29.25 | 29.94 | 29.40 | 29.09 | 79.6 | 75.0 | 89.3 | 90.2 | 72.6 | 71.8 | 74.3 | 74.6 | 94.7 | 74.1 | 84.4 | 106 | 68 | 70 | 70 | 68 | 68 | 69 | 73 | 85 | 52 | 50 | 65 |
| September | 29.30 | 30.00 | 29.65 | 29.04 | 70.1 | 66.1 | 79.9 | 78.3 | 65.0 | 63.7 | 67.7 | 67.0 | 84.6 | 64.0 | 74.3 | 94 | 40 | 62 | 62 | 61 | 61 | 61 | 76 | 87 | 54 | 56 | 68 |
| October | 29.30 | 30.01 | 29.61 | 28.85 | 60.8 | 57.4 | 72.5 | 69.5 | 56.9 | 55.2 | 62.0 | 60.5 | 76.9 | 54.9 | 65.4 | 86 | 37 | 54 | 53 | 55 | 55 | 54 | 79 | 87 | 57 | 62 | 71 |
| November | 29.33 | 30.05 | 29.88 | 28.74 | 55.1 | 51.5 | 65.3 | 63.5 | 51.1 | 48.9 | 55.3 | 55.0 | 71.0 | 49.0 | 60.0 | 83 | 29 | 47 | 46 | 46 | 48 | 47 | 75 | 82 | 54 | 58 | 67 |
| December | 29.35 | 30.08 | 29.70 | 28.77 | 44.5 | 41.0 | 53.2 | 50.6 | 42.0 | 39.4 | 47.1 | 45.4 | 57.4 | 37.6 | 47.4 | 76 | 25 | 39 | 37 | 41 | 40 | 40 | 82 | 87 | 66 | 69 | 76 |
| Year | 29.29 | 30.00 | 29.95 | 28.74 | 60.9 | 56.9 | 70.3 | 70.6 | 56.0 | 54.2 | 59.6 | 59.6 | 76.1 | 54.5 | 65.3 | 106 | 9 | 52 | 52 | 52 | 52 | 52 | 74 | 83 | 55 | 55 | 67 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Fargo, N. Dak., 940 feet; Fort Wayne, Ind., 857 feet; Fort Worth, Tex., 679 feet.

## FARGO, N. DAK.

Airport [$H$=913 ft.; $H_b$=899 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_a$=43 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.07 | 0.03 | 0.8 | 6.1 | 8.9 | nw. | 33 | nw. | 1 | 8 | 9 | 14 | 4 | 0 | 13 | 4 | 0 | 9 | 1 | 0 | 0 | 15 | 0 | 0 | 31 | 10 | 0 |
| February | .22 | .07 | 3.3 | 7.2 | 10.2 | n. | 35 | nw. | 1 | 3 | 11 | 14 | 8 | 2 | 20 | 8 | 0 | 8 | 2 | 1 | 1 | 24 | 0 | 0 | 28 | 8 | 0 |
| March | 1.88 | .98 | 3.6 | 7.5 | 13.1 | nw. | 35 | nw. | 2 | 5 | 8 | 18 | 11 | 8 | 18 | 9 | 0 | 11 | 2 | 2 | 1 | 2 | 0 | 0 | 28 | 0 | 0 |
| April | 4.24 | 1.79 | 4.9 | 6.5 | 14.7 | s. | 45 | n. | 7 | 4 | 14 | 12 | 6 | 5 | 4 | 2 | 1 | 4 | 1 | 1 | 1 | 2 | 0 | 0 | 13 | 0 | 4 |
| May | 2.19 | .80 | T | 7.2 | 13.5 | n. | 41 | n. | 4 | 8 | 4 | 19 | 12 | 8 | 2 | 0 | 0 | 6 | 3 | 2 | 1 | 0 | 0 | 0 | 3 | 0 | 7 |
| June | 2.32 | 1.10 | .0 | 6.9 | 12.5 | se. | 34 | w. | 1 | 4 | 12 | 14 | 8 | 6 | 0 | 0 | 0 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| July | .87 | .31 | .0 | 5.2 | 9.5 | w. | 34 | ne. | 1 | 8 | 14 | 9 | 12 | 6 | 0 | 0 | 0 | 5 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 7 |
| August | 6.71 | 3.55 | .0 | 5.8 | 12.2 | nw. | 49 | w. | 5 | 7 | 13 | 11 | 12 | 11 | 0 | 0 | 0 | 13 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 10 |
| September | 1.27 | .27 | .6 | 5.8 | 11.9 | s. | 46 | nw. | 2 | 9 | 9 | 12 | 11 | 8 | 5 | 1 | 1 | 12 | 3 | 1 | 1 | 0 | 0 | 0 | 7 | 0 | 3 |
| October | .81 | .34 | 2.2 | 4.9 | 11.3 | nw. | 41 | nw. | 2 | 12 | 9 | 10 | 7 | 6 | 9 | 2 | 0 | 10 | 1 | 3 | 1 | 2 | 0 | 0 | 12 | 0 | 0 |
| November | .28 | .10 | 2.7 | 6.1 | 12.7 | nw. | 39 | se. | 3 | 6 | 13 | 11 | 5 | 3 | 10 | 4 | 0 | 4 | 0 | 1 | 1 | 7 | 0 | 0 | 29 | 4 | 0 |
| December | .65 | .17 | 9.2 | 7.5 | 11.2 | nw. | 32 | se. | 1 | 4 | 7 | 20 | 15 | 5 | 27 | 14 | 0 | 13 | 2 | 1 | 1 | 29 | 0 | 0 | 31 | 18 | 0 |
| Year | 21.51 | 3.55 | 27.3 | 6.4 | 11.8 | nw. | 49 | w. | 30 | 78 | 123 | 164 | 111 | 68 | 108 | 44 | 2 | 104 | 19 | 15 | 11 | 81 | 2 | 0 | 182 | 40 | 36 |

## FORT SMITH, ARK.

[$H$=449 ft.; $H_b$=463 ft.; $H_t$=54 ft.; $H_r$=47 ft.; $H_a$=82 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.19 | 1.75 | 4.4 | 4.0 | 7.7 | e. | 27 | se. | 0 | 15 | 10 | 6 | 7 | 5 | 6 | 3 | 0 | 6 | 0 | 1 | 0 | 8 | 0 | 0 | 18 | 0 | 4 |
| February | 2.27 | .67 | .9 | 6.0 | 9.3 | e. | 37 | w. | 1 | 8 | 8 | 12 | 9 | 8 | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 13 | 0 | 6 |
| March | 1.53 | .51 | T | 4.0 | 8.9 | nw. | 34 | nw. | 1 | 15 | 9 | 7 | 5 | 4 | 2 | 0 | 1 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| April | 7.96 | 2.97 | .0 | 5.8 | 8.9 | e. | 29 | s. | 0 | 8 | 11 | 11 | 11 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| May | 5.01 | 1.81 | .0 | 5.4 | 7.6 | e. | 29 | se. | 0 | 8 | 15 | 8 | 9 | 8 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 8 |
| June | 4.85 | 1.48 | .0 | 5.4 | 6.9 | e. | 47 | nw. | 2 | 10 | 10 | 10 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 3 | 0 | 0 | 15 |
| July | 1.79 | .94 | .0 | 3.5 | 5.8 | e. | 27 | n. | 0 | 18 | 10 | 3 | 4 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 20 | 11 | 0 | 0 | 4 |
| August | 3.46 | 1.23 | .0 | 5.5 | 6.4 | e. | 47 | n. | 1 | 8 | 15 | 8 | 9 | 7 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 18 | 3 | 0 | 0 | 5 |
| September | 4.13 | 1.61 | .0 | 4.6 | 6.1 | e. | 25 | nw. | 0 | 13 | 6 | 11 | 9 | 8 | 0 | 0 | 0 | 4 | 0 | 0 | 1 | 0 | 8 | 0 | 0 | 0 | 2 |
| October | 5.18 | 2.63 | .0 | 5.0 | 5.6 | e. | 21 | w. | 0 | 14 | 5 | 12 | 9 | 9 | 0 | 0 | 0 | 10 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | 3.88 | 2.53 | .0 | 5.4 | 8.9 | e. | 30 | s. | 0 | 11 | 6 | 13 | 10 | 8 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 |
| December | 5.06 | 3.75 | .8 | 6.9 | 8.0 | e. | 26 | nw. | 0 | 6 | 8 | 17 | 13 | 9 | 3 | 1 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 0 | 1 |
| Year | 47.31 | 3.75 | 6.1 | 5.1 | 7.5 | e. | 47 | nw. | 5 | 134 | 113 | 118 | 108 | 90 | 13 | 6 | 4 | 66 | 5 | 1 | 3 | 9 | 64 | 17 | 43 | 0 | 58 |

## FORT WAYNE, IND.

[$H$=825 ft.; $H_b$=828 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=32 ft.

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.91 | 1.23 | 1.1 | 6.8 | 10.7 | sw. | 35 | sw. | 4 | 7 | 6 | 18 | 7 | 5 | 14 | 3 | 0 | 13 | 7 | 5 | 3 | 11 | 0 | 0 | 30 | 6 | 6 |
| February | 3.31 | 1.28 | 5.6 | 7.4 | 9.2 | nw. | 26 | nw. | 0 | 6 | 4 | 18 | 11 | 7 | 17 | 8 | 0 | 13 | 5 | 3 | 1 | 17 | 0 | 0 | 26 | 1 | 0 |
| March | 2.59 | 1.19 | 4.1 | 7.6 | 11.2 | w. | 43 | nw. | 3 | 5 | 4 | 22 | 15 | 9 | 13 | 8 | 0 | 16 | 1 | 0 | 0 | 1 | 0 | 0 | 19 | 0 | 1 |
| April | 2.49 | .98 | T | 5.0 | 8.8 | sw. | 28 | nw. | 0 | 9 | 13 | 8 | 8 | 6 | 3 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 2 |
| May | 2.73 | .63 | .0 | 7.2 | 9.3 | sw. | 31 | s. | 0 | 3 | 10 | 18 | 13 | 9 | 0 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 8 |
| June | 6.12 | 2.51 | .0 | 6.8 | 6.6 | e. | 33 | n. | 2 | 1 | 16 | 13 | 10 | 6 | 0 | 0 | 1 | 17 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 12 |
| July | 7.42 | 2.49 | .0 | 4.6 | 7.0 | sw. | 43 | w. | 2 | 12 | 13 | 6 | 11 | 10 | 0 | 0 | 1 | 14 | 1 | 1 | 0 | 0 | 4 | 1 | 0 | 0 | 9 |
| August | 3.86 | 1.79 | .0 | 6.1 | 5.7 | sw. | 26 | nw. | 0 | 9 | 5 | 17 | 7 | 7 | 0 | 0 | 0 | 21 | 5 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| September | 3.81 | 1.73 | T | 5.7 | 7.0 | sw. | 26 | nw. | 0 | 9 | 8 | 13 | 13 | 11 | 3 | 0 | 0 | 25 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 3 |
| October | 1.93 | 1.01 | .0 | 6.0 | 7.6 | w. | 28 | s. | 0 | 10 | 8 | 13 | 11 | 9 | 0 | 0 | 0 | 16 | 2 | 2 | 2 | 0 | 0 | 0 | 6 | 0 | 2 |
| November | 4.35 | 1.53 | 6.2 | 7.3 | 10.4 | sw. | 32 | nw. | 1 | 5 | 7 | 18 | 12 | 9 | 8 | 3 | 0 | 14 | 5 | 4 | 3 | 1 | 0 | 0 | 15 | 0 | 3 |
| December | 2.01 | .82 | 7.9 | 8.0 | 9.5 | w. | 36 | w. | 2 | 4 | 5 | 22 | 13 | 10 | 21 | 9 | 0 | 24 | 6 | 5 | 3 | 17 | 0 | 0 | 27 | 3 | 1 |
| Year | 42.53 | 2.51 | 24.9 | 6.5 | 8.6 | sw. | 43 | nw. | 14 | 80 | 99 | 186 | 131 | 98 | 79 | 31 | 3 | 196 | 35 | 25 | 14 | 47 | 7 | 1 | 132 | 10 | 47 |

## FORT WORTH, TEX.

[$H$=688 ft.; $H_b$=706 ft. $H_t$=5 ft.; $H_r$=33 ft. $H_a$=56 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.39 | 0.21 | 1.3 | 5.0 | 11.0 | nw. | 43 | nw. | 1 | 11 | 12 | 8 | 4 | 2 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 6 | 0 | 0 | 13 | 0 | 1 |
| February | .64 | .34 | T | 6.1 | 13.2 | se. | 38 | nw. | 7 | 6 | 12 | 10 | 6 | 4 | 1 | 0 | 0 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 8 | 0 | 2 |
| March | 1.37 | .91 | 6.0 | 4.8 | 15.2 | s. | 41 | sw. | 10 | 15 | 5 | 11 | 5 | 5 | 3 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| April | 16.97 | 5.08 | .0 | 6.8 | 13.8 | se. | 42 | w. | 8 | 6 | 8 | 16 | 17 | 14 | 0 | 0 | 2 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| May | 2.85 | 2.11 | .0 | 6.2 | 13.3 | s. | 44 | s. | 5 | 5 | 14 | 12 | 8 | 5 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 |
| June | 3.23 | 1.97 | .0 | 5.7 | 11.1 | s. | 32 | n. | 1 | 6 | 13 | 11 | 7 | 6 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 20 | 13 | 0 | 0 | 5 |
| July | .82 | .50 | .0 | 4.4 | 10.9 | s. | 27 | s. | 0 | 14 | 10 | 7 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 19 | 0 | 0 | 1 |
| August | 4.69 | 2.01 | .0 | 5.7 | 10.3 | s. | 31 | nw. | 0 | 3 | 21 | 7 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 15 | 0 | 0 | 7 |
| September | 3.82 | 3.23 | .0 | 4.8 | 9.0 | s. | 38 | n. | 2 | 12 | 12 | 6 | 6 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 2 |
| October | 6.18 | 3.49 | .0 | 5.5 | 9.2 | se. | 50 | w. | 2 | 9 | 10 | 12 | 8 | 6 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| November | .92 | .56 | .0 | 4.4 | 13.6 | s. | 37 | nw. | 4 | 14 | 10 | 6 | 4 | 3 | 0 | 0 | 0 | 3 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 2 |
| December | 1.59 | .63 | T | 5.1 | 11.0 | s. | 38 | nw. | 1 | 14 | 3 | 14 | 6 | 5 | 4 | 0 | 0 | 7 | 2 | 2 | 2 | 0 | 0 | 0 | 6 | 0 | 1 |
| Year | 43.27 | 5.08 | 7.3 | 5.4 | 11.8 | s. | 50 | w. | 41 | 115 | 130 | 120 | 82 | 63 | 11 | 3 | 3 | 33 | 5 | 4 | 4 | 6 | 91 | 47 | 30 | 0 | 46 |

FRESNO, CALIF.
Airport [$\phi$=36°43′ N.; $\lambda$=119°49′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.80 | 30.18 | 30.04 | 29.41 | 45.4 | 42.6 | 48.2 | 54.2 | 43.9 | 41.6 | 45.6 | 48.5 | 55.4 | 39.2 | 47.3 | 69 | 28 | 42 | 41 | 43 | 43 | 42 | 90 | 93 | 83 | 68 | 83 |
| February | 29.67 | 30.03 | 29.89 | 29.23 | 46.5 | 40.9 | 50.6 | 57.5 | 43.7 | 39.8 | 46.2 | 48.6 | 59.8 | 38.2 | 49.0 | 67 | 28 | 40 | 39 | 42 | 39 | 40 | 80 | 92 | 72 | 52 | 74 |
| March | 29.68 | 30.04 | 29.96 | 29.02 | 50.7 | 43.9 | 58.8 | 65.6 | 46.5 | 41.9 | 49.8 | 51.9 | 67.9 | 41.0 | 54.4 | 84 | 34 | 42 | 40 | 41 | 38 | 40 | 73 | 86 | 54 | 40 | 63 |
| April | 29.60 | 29.96 | 29.87 | 29.36 | 56.7 | 50.4 | 63.4 | 69.3 | 52.3 | 48.0 | 54.2 | 55.6 | 71.5 | 48.6 | 59.8 | 84 | 36 | 48 | 46 | 46 | 44 | 46 | 75 | 85 | 55 | 42 | 64 |
| May | 29.62 | 29.97 | 29.82 | 29.38 | 61.1 | 53.0 | 69.1 | 78.3 | 53.4 | 49.1 | 55.9 | 57.9 | 79.8 | 50.9 | 65.4 | 102 | 41 | 47 | 46 | 45 | 40 | 45 | 60 | 77 | 43 | 28 | 52 |
| June | 29.52 | 29.86 | 29.69 | 29.36 | 70.9 | 60.4 | 80.1 | 91.7 | 57.5 | 52.8 | 61.0 | 63.5 | 92.5 | 59.0 | 75.8 | 110 | 50 | 47 | 46 | 47 | 42 | 46 | 44 | 61 | 32 | 19 | 39 |
| July | 29.53 | 29.87 | 29.68 | 29.31 | 79.0 | 68.3 | 86.9 | 99.6 | 63.5 | 58.8 | 66.2 | 68.8 | 100.8 | 65.9 | 83.4 | 111 | 60 | 53 | 52 | 53 | 49 | 52 | 42 | 58 | 32 | 19 | 38 |
| August | 29.49 | 29.82 | 29.67 | 29.35 | 75.9 | 66.0 | 84.4 | 97.0 | 62.7 | 57.7 | 65.4 | 66.9 | 97.8 | 63.0 | 80.4 | 107 | 54 | 54 | 52 | 54 | 47 | 52 | 48 | 61 | 36 | 19 | 41 |
| September | 29.52 | 29.87 | 29.73 | 29.27 | 68.1 | 59.2 | 77.1 | 87.0 | 58.0 | 54.0 | 61.6 | 63.3 | 88.5 | 56.2 | 72.4 | 101 | 53 | 51 | 50 | 51 | 46 | 50 | 55 | 72 | 41 | 26 | 48 |
| October | 29.64 | 29.99 | 29.98 | 29.26 | 61.3 | 53.9 | 71.3 | 78.6 | 53.4 | 50.0 | 58.0 | 59.3 | 80.2 | 50.6 | 65.4 | 93 | 39 | 47 | 46 | 48 | 44 | 46 | 60 | 77 | 45 | 31 | 53 |
| November | 29.73 | 30.09 | 30.07 | 29.50 | 49.8 | 45.3 | 56.7 | 62.2 | 47.3 | 43.8 | 51.4 | 54.0 | 64.2 | 40.9 | 52.6 | 77 | 32 | 45 | 42 | 47 | 47 | 45 | 84 | 90 | 71 | 60 | 76 |
| December | 29.79 | 30.16 | 30.01 | 29.44 | 44.2 | 41.7 | 47.4 | 51.1 | 43.3 | 41.1 | 45.0 | 47.1 | 53.1 | 38.7 | 45.9 | 64 | 30 | 42 | 40 | 43 | 43 | 42 | 93 | 96 | 84 | 76 | 87 |
| Year | 29.63 | 29.99 | 30.07 | 29.02 | 59.1 | 52.1 | 66.2 | 74.3 | 52.1 | 48.2 | 55.0 | 57.1 | 76.0 | 49.3 | 62.6 | 111 | 28 | 46 | 45 | 47 | 44 | 46 | 67 | 79 | 54 | 40 | 60 |

GALVESTON, TEX.
Airport [$\phi$=29°16′ N.; $\lambda$=94°52′ W.] City [$\phi$=29°18′ N.; $\lambda$=94°50′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.15 | 30.21 | 30.62 | 29.64 | 48.0 | 46.6 | 55.3 | 51.3 | 46.5 | 44.5 | 49.2 | 47.6 | 57.4 | 45.8 | 51.6 | 74 | 28 | 44 | 42 | 43 | 44 | 43 | 83 | 84 | 65 | 77 | 77 |
| February | 29.96 | 30.02 | 30.28 | 29.48 | 52.9 | 51.9 | 56.8 | 54.7 | 49.9 | 49.6 | 51.7 | 50.5 | 58.6 | 49.5 | 54.0 | 73 | 36 | 47 | 47 | 47 | 46 | 47 | 81 | 84 | 71 | 75 | 78 |
| March | 29.90 | 29.96 | 30.30 | 29.51 | 56.2 | 54.8 | 62.0 | 60.9 | 53.3 | 52.1 | 56.4 | 56.4 | 64.5 | 53.5 | 59.0 | 76 | 40 | 50 | 49 | 51 | 52 | 51 | 83 | 83 | 71 | 76 | 78 |
| April | 29.93 | 29.99 | 30.32 | 29.49 | 65.3 | 64.8 | 70.8 | 68.1 | 63.6 | 63.2 | 66.0 | 65.1 | 70.7 | 63.7 | 67.2 | 76 | 52 | 62 | 62 | 63 | 63 | 63 | 91 | 92 | 78 | 85 | 86 |
| May | 29.91 | 29.96 | 30.09 | 29.63 | 73.1 | 72.2 | 79.1 | 76.5 | 69.9 | 69.2 | 71.9 | 71.0 | 79.1 | 71.1 | 75.1 | 84 | 61 | 68 | 68 | 68 | 68 | 68 | 85 | 86 | 70 | 77 | 80 |
| June | 29.83 | 29.88 | 30.05 | 29.51 | 79.6 | 79.3 | 85.0 | 82.7 | 75.9 | 75.9 | 77.5 | 76.7 | 86.2 | 77.6 | 81.9 | 89 | 68 | 74 | 75 | 75 | 74 | 74 | 84 | 86 | 72 | 77 | 80 |
| July | 29.99 | 30.04 | 30.16 | 29.84 | 80.4 | 79.7 | 85.2 | 83.5 | 76.5 | 76.7 | 78.2 | 77.3 | 87.1 | 77.6 | 82.4 | 92 | 67 | 75 | 76 | 76 | 75 | 75 | 84 | 87 | 74 | 76 | 80 |
| August | 29.90 | 29.95 | 30.05 | 29.44 | 82.2 | 80.7 | 87.4 | 84.5 | 77.0 | 76.3 | 78.6 | 77.5 | 87.8 | 79.9 | 83.8 | 91 | 73 | 75 | 75 | 76 | 75 | 75 | 79 | 82 | 68 | 73 | 76 |
| September | 29.93 | 29.99 | 30.23 | 29.65 | 76.8 | 74.7 | 82.0 | 79.1 | 71.9 | 71.2 | 73.5 | 72.7 | 82.9 | 73.5 | 78.2 | 88 | 52 | 69 | 70 | 69 | 70 | 70 | 78 | 84 | 67 | 73 | 76 |
| October | 29.93 | 29.99 | 30.18 | 29.62 | 72.0 | 69.8 | 79.0 | 74.5 | 68.2 | 66.8 | 69.8 | 68.8 | 79.1 | 69.5 | 74.3 | 84 | 60 | 66 | 65 | 65 | 66 | 66 | 83 | 86 | 64 | 75 | 77 |
| November | 30.01 | 30.06 | 30.44 | 29.59 | 65.4 | 63.6 | 71.3 | 67.4 | 61.6 | 60.8 | 63.8 | 62.6 | 72.7 | 61.8 | 67.2 | 80 | 44 | 59 | 59 | 59 | 59 | 59 | 80 | 85 | 66 | 76 | 77 |
| December | 30.02 | 30.08 | 30.38 | 29.58 | 56.6 | 54.9 | 61.7 | 58.9 | 54.4 | 53.1 | 57.1 | 55.8 | 64.3 | 52.5 | 58.4 | 77 | 37 | 52 | 52 | 54 | 53 | 53 | 87 | 88 | 75 | 82 | 83 |
| Year | 29.95 | 30.01 | 30.62 | 29.44 | 67.4 | 66.1 | 73.0 | 70.2 | 64.1 | 63.3 | 66.1 | 65.2 | 74.2 | 64.7 | 69.4 | 92 | 28 | 62 | 62 | 62 | 62 | 62 | 83 | 86 | 70 | 77 | 79 |

GRAND JUNCTION, COLO.
[$\phi$=39°04′ N.; $\lambda$=108°34′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 25.55 | 30.24 | 25.91 | 25.06 | 25.4 | 21.5 | 31.7 | 35.9 | 22.9 | 19.8 | 26.4 | 29.3 | 38.9 | 18.0 | 28.4 | 54 | −8 | 19 | 17 | 17 | 19 | 18 | 73 | 81 | 53 | 50 | 64 |
| February | 25.31 | 30.00 | 25.65 | 24.94 | 26.3 | 23.0 | 31.2 | 35.1 | 23.6 | 20.7 | 25.9 | 28.5 | 37.9 | 19.2 | 28.6 | 54 | −5 | 19 | 16 | 16 | 17 | 17 | 71 | 74 | 53 | 46 | 61 |
| March | 25.34 | 29.94 | 25.69 | 24.88 | 36.1 | 32.1 | 42.2 | 48.1 | 30.7 | 27.9 | 33.3 | 36.3 | 49.9 | 28.5 | 39.2 | 65 | 20 | 22 | 21 | 20 | 20 | 21 | 57 | 62 | 41 | 33 | 48 |
| April | 25.25 | 29.80 | 25.51 | 24.92 | 50.5 | 46.4 | 58.7 | 62.0 | 42.2 | 39.8 | 45.5 | 46.7 | 65.5 | 43.0 | 54.2 | 78 | 33 | 34 | 32 | 32 | 31 | 32 | 55 | 61 | 40 | 37 | 48 |
| May | 25.28 | 29.82 | 25.65 | 24.90 | 57.0 | 48.9 | 66.8 | 71.2 | 44.1 | 40.1 | 47.4 | 49.1 | 74.0 | 46.9 | 60.4 | 90 | 34 | 31 | 30 | 28 | 27 | 29 | 40 | 52 | 25 | 22 | 35 |
| June | 25.28 | 29.78 | 25.67 | 25.03 | 67.0 | 59.0 | 79.1 | 84.5 | 49.7 | 46.3 | 44.4 | 55.0 | 86.6 | 57.5 | 72.0 | 95 | 46 | 33 | 34 | 33 | 28 | 32 | 29 | 40 | 20 | 14 | 26 |
| July | 25.44 | 29.94 | 25.66 | 25.28 | 74.1 | 66.3 | 85.3 | 89.2 | 57.0 | 53.9 | 60.7 | 60.6 | 93.7 | 65.1 | 79.4 | 101 | 59 | 45 | 45 | 45 | 40 | 44 | 38 | 48 | 26 | 21 | 33 |
| August | 25.38 | 29.89 | 25.54 | 25.13 | 71.7 | 64.7 | 82.4 | 87.2 | 56.4 | 53.3 | 59.6 | 60.2 | 90.7 | 63.1 | 76.9 | 99 | 57 | 46 | 44 | 44 | 41 | 44 | 41 | 50 | 28 | 22 | 35 |
| September | 25.39 | 29.93 | 25.71 | 25.00 | 60.1 | 54.8 | 73.0 | 79.2 | 48.6 | 45.4 | 52.8 | 54.6 | 81.7 | 52.5 | 67.1 | 92 | 38 | 39 | 36 | 36 | 34 | 36 | 47 | 52 | 27 | 22 | 37 |
| October | 25.40 | 29.97 | 25.71 | 24.94 | 50.1 | 45.2 | 60.9 | 63.2 | 42.9 | 39.3 | 47.5 | 48.7 | 68.1 | 42.1 | 55.1 | 82 | 27 | 36 | 33 | 35 | 36 | 35 | 60 | 64 | 40 | 40 | 51 |
| November | 25.41 | 30.02 | 25.90 | 24.78 | 38.4 | 34.4 | 46.8 | 49.6 | 32.2 | 30.1 | 37.3 | 38.4 | 54.9 | 29.9 | 42.4 | 70 | 20 | 24 | 24 | 26 | 24 | 24 | 55 | 65 | 44 | 38 | 50 |
| December | 25.54 | 30.09 | 25.78 | 24.90 | 30.6 | 26.0 | 38.9 | 41.5 | 26.3 | 23.7 | 31.8 | 33.2 | 46.6 | 22.8 | 34.7 | 54 | 16 | 19 | 20 | 22 | 22 | 21 | 59 | 75 | 48 | 44 | 57 |
| Year | 25.37 | 29.95 | 25.91 | 24.78 | 48.9 | 43.5 | 58.1 | 62.2 | 39.7 | 36.7 | 42.7 | 45.0 | 65.7 | 40.7 | 53.2 | 101 | −8 | 31 | 29 | 30 | 28 | 29 | 52 | 60 | 37 | 32 | 45 |

GRAND RAPIDS, MICH.
Airport [$\phi$=42°54′ N.; $\lambda$=85°40′ W.] City [$\phi$=42°58′ N.; $\lambda$= 85°40′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.22 | 30.01 | 29.68 | 28.16 | 22.5 | 21.1 | 26.8 | 24.2 | 21.3 | 20.5 | 25.1 | 22.8 | 30.8 | 20.5 | 25.6 | 47 | −6 | 19 | 18 | 22 | 20 | 20 | 86 | 90 | 82 | 85 | 86 |
| February | 29.26 | 30.06 | 29.62 | 28.68 | 17.9 | 16.2 | 25.2 | 22.3 | 17.2 | 15.4 | 23.1 | 20.9 | 28.7 | 17.1 | 22.9 | 40 | 2 | 16 | 13 | 18 | 18 | 16 | 90 | 87 | 74 | 81 | 83 |
| March | 29.05 | 29.83 | 29.43 | 28.20 | 32.8 | 31.4 | 39.7 | 37.3 | 31.1 | 30.0 | 35.4 | 34.3 | 44.3 | 31.6 | 38.0 | 57 | 26 | 29 | 28 | 30 | 30 | 29 | 84 | 86 | 67 | 75 | 78 |
| April | 29.29 | 30.06 | 29.61 | 28.77 | 43.8 | 41.8 | 60.3 | 56.4 | 40.8 | 39.0 | 50.4 | 48.7 | 64.7 | 42.6 | 53.6 | 88 | 29 | 38 | 36 | 42 | 42 | 39 | 78 | 79 | 52 | 59 | 67 |
| May | 29.19 | 29.95 | 29.55 | 28.74 | 53.9 | 52.7 | 63.5 | 62.6 | 51.4 | 50.2 | 56.3 | 56.3 | 69.1 | 50.5 | 59.8 | 90 | 39 | 49 | 48 | 51 | 52 | 50 | 85 | 85 | 67 | 69 | 76 |
| June | 29.20 | 29.96 | 29.51 | 28.80 | 61.3 | 62.4 | 74.4 | 71.7 | 59.4 | 59.7 | 65.6 | 64.5 | 79.0 | 59.9 | 69.4 | 94 | 43 | 58 | 58 | 61 | 60 | 59 | 88 | 85 | 64 | 69 | 76 |
| July | 29.22 | 29.97 | 29.40 | 29.03 | 65.0 | 65.7 | 79.1 | 77.3 | 62.2 | 63.0 | 68.0 | 67.4 | 82.5 | 63.5 | 73.0 | 95 | 53 | 61 | 61 | 62 | 62 | 62 | 85 | 86 | 58 | 60 | 72 |
| August | 29.26 | 30.01 | 29.57 | 28.98 | 63.5 | 63.0 | 76.7 | 73.3 | 61.4 | 60.8 | 67.0 | 66.4 | 79.9 | 62.0 | 71.0 | 91 | 48 | 60 | 59 | 62 | 63 | 61 | 90 | 88 | 61 | 70 | 77 |
| September | 29.25 | 30.01 | 29.68 | 28.82 | 55.5 | 55.1 | 67.1 | 61.9 | 53.5 | 53.3 | 59.4 | 57.7 | 70.4 | 53.6 | 62.0 | 88 | 34 | 52 | 52 | 54 | 55 | 53 | 89 | 89 | 65 | 78 | 80 |
| October | 29.21 | 29.98 | 29.64 | 28.54 | 46.0 | 43.8 | 58.0 | 51.9 | 44.2 | 42.0 | 51.2 | 48.3 | 60.8 | 44.4 | 52.6 | 77 | 31 | 42 | 40 | 46 | 45 | 43 | 88 | 87 | 66 | 78 | 80 |
| November | 29.23 | 30.01 | 29.71 | 28.55 | 37.2 | 34.7 | 43.4 | 39.5 | 34.9 | 33.0 | 38.9 | 37.2 | 48.8 | 33.2 | 41.0 | 68 | 20 | 32 | 31 | 34 | 34 | 33 | 82 | 85 | 69 | 81 | 79 |
| December | 29.24 | 30.06 | 29.85 | 28.49 | 24.1 | 23.3 | 27.5 | 25.6 | 22.8 | 22.2 | 25.7 | 24.2 | 30.5 | 22.4 | 26.4 | 50 | 7 | 20 | 20 | 22 | 21 | 21 | 84 | 86 | 79 | 82 | 82 |
| Year | 29.22 | 29.99 | 29.85 | 28.16 | 43.6 | 42.6 | 53.5 | 50.3 | 41.7 | 40.8 | 47.2 | 45.7 | 57.5 | 41.8 | 49.6 | 95 | −6 | 40 | 39 | 42 | 42 | 40 | 86 | 86 | 67 | 74 | 78 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Fresno, Calif., 327 feet; Galveston, Tex., 54 feet; Grand Rapids, Mich., 707 feet.
[2] Airport data.

## FRESNO, CALIF.

Airport [$H$=277 ft.; $H_b$=282 ft.; $H_t$= 5 ft.; $H_r$=4 ft.; $H_a$=34 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.34 | .87 | 0.0 | 8.3 | 4.1 | se. | 20 | nw. | 0 | 2 | 5 | 24 | 8 | 5 | 0 | 0 | 0 | 15 | 12 | 12 | 8 | 0 | 0 | 0 | 5 | 0 | 1 |
| February | .67 | .24 | .0 | 5.6 | 4.5 | se. | 24 | nw. | 0 | 9 | 7 | 12 | 7 | 5 | 0 | 0 | 0 | 7 | 6 | 5 | 5 | 0 | 0 | 0 | 3 | 0 | 0 |
| March | 1.09 | .57 | .0 | 4.3 | 5.8 | nw. | 30 | nw. | 0 | 16 | 8 | 7 | 4 | 3 | 0 | 0 | 1 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | 1.32 | .50 | .0 | 6.5 | 6.8 | nw. | 27 | nw. | 0 | 6 | 8 | 16 | 10 | 8 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | .27 | .16 | .0 | 3.5 | 8.9 | nw. | 27 | nw. | 0 | 17 | 9 | 5 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 0 |
| June | .00 | .00 | .0 | .6 | 9.4 | nw. | 24 | nw. | 0 | 28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 7 | 0 | 0 | 0 |
| July | T | T | .0 | .7 | 7.7 | nw. | 20 | nw. | 0 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 27 | 0 | 0 | 0 |
| August | T | T | .0 | .9 | 6.3 | nw. | 17 | nw. | 0 | 27 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 23 | 0 | 0 | 0 |
| September | .00 | .00 | .0 | .8 | 6.1 | nw. | 18 | nw. | 0 | 28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 5 | 0 | 0 | 0 |
| October | T | T | .0 | 2.5 | 4.7 | nw. | 19 | nw. | 0 | 21 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| November | .84 | .20 | .0 | 6.1 | 4.0 | nw. | 26 | nw. | 0 | 8 | 7 | 15 | 4 | 4 | 0 | 0 | 0 | 13 | 7 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 1.44 | .75 | .0 | 7.5 | 4.0 | nw. | 31 | nw. | 0 | 4 | 8 | 19 | 9 | 4 | 0 | 0 | 0 | 24 | 17 | 18 | 18 | 0 | 0 | 0 | 4 | 0 | 0 |
| Year | 6.97 | .87 | .0 | 3.9 | 6.0 | nw. | 31 | nw. | 0 | 195 | 66 | 104 | 46 | 32 | 0 | 0 | 1 | 65 | 46 | 46 | 39 | 0 | 96 | 64 | 12 | 0 | 4 |

## GALVESTON, TEX.

Airport [$H$=5 ft.; $H_b$=9 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=46 ft.; City [$H$=6 ft.; $H_b$=54 ft.; $H_t$=106 ft.; $H_r$=98 ft.; $H_a$=114 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.77 | 0.47 | 0.0 | 5.2 | 10.2 | n. | 30 | se. | 0 | 10 | 10 | 11 | 7 | 4 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 2 |
| February | 7.05 | 3.64 | .0 | 8.2 | 11.7 | n. | 31 | nw. | 0 | 4 | 9 | 21 | 12 | 9 | 0 | 0 | 0 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 3 |
| March | 3.19 | 1.50 | .0 | 6.2 | 12.2 | s. | 36 | nw. | 3 | 9 | 7 | 15 | 6 | 5 | 0 | 0 | 0 | 8 | 8 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | 2.44 | 1.71 | .0 | 6.7 | 13.1 | se. | 42 | se. | 7 | 5 | 9 | 16 | 6 | 4 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| May | .35 | .13 | .0 | 5.2 | 11.8 | se. | 25 | e. | 0 | 8 | 17 | 6 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | 3.06 | 1.14 | .0 | 4.8 | 10.4 | s. | 33 | n. | 1 | 9 | 18 | 3 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| July | 13.79 | 3.89 | .0 | 6.0 | 8.5 | s. | 31 | nw. | 0 | 7 | 13 | 11 | 12 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 12 |
| August | 5.56 | 1.93 | .0 | 6.2 | 10.8 | s. | 50 | se. | 3 | 1 | 21 | 9 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 10 |
| September | 1.86 | .64 | .0 | 4.0 | 9.5 | s. | 30 | n. | 0 | 14 | 14 | 2 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| October | 2.82 | 2.47 | .0 | 3.5 | 9.0 | se. | 27 | sw. | 0 | 18 | 8 | 5 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 4.20 | 2.72 | .0 | 4.0 | 11.1 | s. | 27 | nw. | 0 | 14 | 13 | 3 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| December | 2.21 | .89 | .0 | 5.5 | 10.8 | se. | 33 | nw. | 1 | 9 | 14 | 8 | 9 | 6 | 0 | 0 | 0 | 6 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 4 |
| Year | 47.30 | 3.89 | .0 | 5.5 | 10.7 | s. | 50 | se. | 15 | 108 | 147 | 110 | 95 | 75 | 0 | 0 | 0 | 22 | 18 | 13 | 12 | 0 | 7 | 0 | 2 | 0 | 53 |

## GRAND JUNCTION, COLO.

[$H$=4,587 ft.; $H_b$=4,621 ft.; $H_t$=60 ft.; $H_r$=52 ft.; $H_a$=68 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.19 | 0.08 | 2.0 | 4.8 | 4.8 | se. | 19 | sw. | 0 | 13 | 9 | 9 | 5 | 2 | 10 | 5 | 0 | 4 | 3 | 3 | 3 | 6 | 0 | 0 | 31 | 3 | 1 |
| February | 1.17 | .48 | 8.4 | 6.3 | 5.6 | se. | 26 | w. | 0 | 7 | 6 | 15 | 10 | 9 | 11 | 8 | 0 | 1 | 1 | 1 | 0 | 8 | 0 | 0 | 26 | 4 | 0 |
| March | .56 | .29 | 3.7 | 5.2 | 6.3 | se. | 27 | nw. | 0 | 12 | 6 | 13 | 7 | 5 | 8 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 1 |
| April | 1.26 | .63 | .0 | 6.6 | 7.6 | se. | 27 | sw. | 0 | 6 | 8 | 16 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| May | .15 | .08 | T | 4.2 | 8.0 | n. | 29 | sw. | 0 | 13 | 13 | 5 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| June | .01 | .01 | .0 | 3.1 | 7.6 | se. | 28 | w. | 0 | 17 | 9 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 2 |
| July | 1.15 | .96 | .0 | 3.4 | 6.6 | se. | 28 | s. | 0 | 17 | 11 | 3 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 16 | 0 | 0 | 11 |
| August | .84 | .69 | .0 | 3.7 | 6.4 | se. | 26 | s. | 0 | 15 | 13 | 3 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 7 | 0 | 0 | 5 |
| September | .41 | .28 | .0 | 2.6 | 6.4 | se. | 24 | sw. | 0 | 20 | 7 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 |
| October | .53 | .20 | .0 | 4.2 | 5.3 | se. | 25 | w. | 0 | 13 | 12 | 6 | 8 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 2 |
| November | .13 | .07 | T | 4.3 | 5.9 | nw. | 42 | sw. | 2 | 11 | 14 | 5 | 3 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 |
| December | .08 | .08 | .2 | 4.3 | 4.5 | se. | 20 | n. | 0 | 13 | 13 | 5 | 1 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 1 |
| Year | 6.48 | .96 | 14.3 | 4.4 | 6.3 | se. | 42 | sw. | 2 | 157 | 121 | 87 | 60 | 44 | 40 | 20 | 1 | 6 | 5 | 4 | 3 | 14 | 59 | 24 | 133 | 7 | 31 |

## GRAND RAPIDS, MICH.

Airport [$H$=684 ft.; $H_b$=699 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=48 ft.] City [$H$=638 ft.; $H_b$=675 ft.; $H_t$=70 ft.; $H_r$=70 ft.; $H_a$=244 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.53 | 0.92 | 31.2 | 8.1 | 12.7 | sw. | 44 | sw. | 0 | 4 | 4 | 23 | 17 | 10 | 21 | 14 | 0 | 15 | 5 | 3 | 3 | 12 | 0 | 0 | 24 | 4 | 0 |
| February | .91 | .40 | 12.8 | 7.1 | 10.0 | n. | 31 | ne. | 0 | 7 | 5 | 16 | 10 | 7 | 21 | 9 | 0 | 7 | 1 | 1 | 1 | 19 | 0 | 0 | 26 | 0 | 0 |
| March | 3.84 | 1.65 | 12.2 | 7.3 | 13.0 | sw. | 43 | sw. | 7 | 5 | 8 | 18 | 14 | 8 | 18 | 10 | 0 | 15 | 3 | 1 | 1 | 0 | 0 | 0 | 21 | 0 | 1 |
| April | .52 | .35 | 2.0 | 4.3 | 11.9 | sw. | 44 | sw. | 6 | 12 | 12 | 6 | 4 | 3 | 2 | 1 | 0 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 2 |
| May | 5.76 | 1.52 | .0 | 6.5 | 11.2 | sw. | 49 | n. | 6 | 6 | 9 | 16 | 15 | 14 | 0 | 0 | 1 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| June | 4.06 | .76 | .0 | 5.6 | 8.6 | e. | 27 | sw. | 0 | 6 | 15 | 9 | 12 | 10 | 0 | 0 | 0 | 15 | 4 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 7 |
| July | 4.08 | 1.33 | .0 | 3.9 | 9.2 | sw. | 36 | sw. | 3 | 15 | 11 | 5 | 7 | 7 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 6 |
| August | 3.64 | 1.21 | .0 | 4.5 | 9.1 | s. | 43 | sw. | 2 | 13 | 13 | 5 | 10 | 8 | 0 | 0 | 0 | 17 | 3 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 9 |
| September | 5.22 | 1.59 | T | 6.0 | 9.3 | s. | 36 | sw. | 1 | 6 | 13 | 11 | 14 | 12 | 3 | 1 | 0 | 15 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| October | 2.83 | 1.11 | T | 5.7 | 11.0 | sw. | 44 | sw. | 4 | 12 | 6 | 13 | 12 | 8 | 5 | 1 | 0 | 20 | 5 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 2 |
| November | 3.96 | 1.65 | 5.1 | 7.7 | 13.1 | s. | 44 | sw. | 9 | 1 | 11 | 18 | 13 | 11 | 10 | 6 | 0 | 14 | 6 | 2 | 2 | 3 | 0 | 0 | 14 | 0 | 1 |
| December | 2.59 | 1.34 | 11.5 | 8.4 | 11.6 | sw. | 33 | w. | 1 | 4 | 3 | 24 | 16 | 9 | 19 | 11 | 0 | 11 | 4 | 1 | 1 | 15 | 0 | 0 | 29 | 0 | 2 |
| Year | 39.93 | 1.65 | 74.8 | 6.3 | 10.9 | sw. | 49 | n. | 45 | 91 | 110 | 164 | 144 | 107 | 99 | 53 | 1 | 156 | 39 | 16 | 13 | 49 | 6 | 2 | 118 | 4 | 43 |

789007—49——6

## GREAT FALLS, MONT.

[$\phi$=47°30′ N.; $\lambda$=111°21′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 26.31 | 30.18 | 26.63 | 25.93 | 24.8 | 24.3 | 30.3 | 29.8 | 21.5 | 21.3 | 25.7 | 25.5 | 35.5 | 19.8 | 27.6 | 51 | −23 | 16 | 16 | 19 | 19 | 18 | 73 | 72 | 65 | 66 | 69 |
| February | 26.18 | 30.06 | 26.44 | 25.75 | 17.9 | 16.9 | 22.1 | 23.6 | 16.7 | 15.8 | 20.1 | 21.3 | 28.4 | 11.5 | 20.0 | 49 | −17 | 14 | 14 | 17 | 17 | 16 | 86 | 88 | 82 | 76 | 83 |
| March | 26.17 | 29.98 | 26.59 | 25.78 | 30.0 | 28.0 | 36.1 | 39.1 | 27.0 | 25.4 | 30.9 | 33.1 | 41.6 | 25.0 | 33.3 | 62 | 13 | 22 | 21 | 23 | 25 | 23 | 73 | 76 | 59 | 58 | 66 |
| April | 26.10 | 29.84 | 26.51 | 25.68 | 42.9 | 37.3 | 51.6 | 54.0 | 36.7 | 33.3 | 41.1 | 42.4 | 59.1 | 34.9 | 47.0 | 80 | 18 | 29 | 28 | 29 | 29 | 29 | 60 | 70 | 45 | 42 | 54 |
| May | 26.18 | 29.92 | 26.53 | 25.80 | 46.3 | 41.4 | 54.8 | 56.9 | 42.1 | 38.8 | 45.3 | 46.5 | 60.6 | 40.1 | 50.4 | 84 | 30 | 38 | 36 | 36 | 36 | 36 | 74 | 82 | 52 | 50 | 64 |
| June | 26.20 | 29.91 | 26.62 | 25.80 | 51.8 | 48.3 | 61.2 | 62.4 | 47.2 | 45.0 | 50.8 | 51.7 | 67.0 | 46.5 | 56.8 | 84 | 37 | 43 | 42 | 42 | 42 | 42 | 73 | 79 | 51 | 52 | 64 |
| July | 26.28 | 29.96 | 26.60 | 25.97 | 63.8 | 57.5 | 75.8 | 80.4 | 55.0 | 51.6 | 58.4 | 58.9 | 82.7 | 55.9 | 69.3 | 94 | 47 | 48 | 47 | 46 | 43 | 46 | 59 | 70 | 38 | 30 | 49 |
| August | 26.25 | 29.93 | 26.61 | 25.94 | 64.0 | 56.2 | 72.5 | 76.7 | 53.0 | 49.7 | 56.5 | 57.0 | 80.2 | 54.2 | 67.2 | 97 | 46 | 45 | 44 | 45 | 42 | 44 | 52 | 67 | 40 | 32 | 48 |
| September | 26.26 | 29.98 | 26.56 | 25.92 | 53.2 | 48.5 | 60.4 | 65.1 | 47.1 | 44.5 | 49.8 | 51.4 | 68.6 | 45.8 | 57.2 | 88 | 33 | 42 | 41 | 41 | 40 | 41 | 67 | 76 | 52 | 43 | 60 |
| October | 26.25 | 30.00 | 26.67 | 25.72 | 46.1 | 43.9 | 54.3 | 54.3 | 39.9 | 38.2 | 43.2 | 43.4 | 60.8 | 39.4 | 50.1 | 84 | 15 | 33 | 32 | 32 | 32 | 32 | 62 | 64 | 46 | 47 | 55 |
| November | 26.12 | 29.93 | 26.56 | 25.27 | 32.5 | 30.4 | 35.1 | 34.5 | 28.1 | 26.8 | 29.6 | 29.1 | 41.3 | 25.3 | 33.3 | 63 | 4 | 22 | 21 | 22 | 21 | 22 | 67 | 72 | 61 | 61 | 66 |
| December | 26.12 | 29.96 | 26.52 | 25.70 | 26.8 | 26.8 | 31.0 | 30.3 | 24.0 | 23.7 | 26.6 | 26.6 | 36.0 | 20.4 | 28.2 | 59 | −8 | 19 | 19 | 20 | 21 | 20 | 74 | 73 | 64 | 68 | 70 |
| Year | 26.20 | 29.97 | 26.67 | 25.27 | 41.7 | 38.3 | 48.8 | 50.6 | 36.5 | 34.5 | 39.8 | 40.6 | 55.2 | 34.9 | 45.0 | 97 | −23 | 31 | 30 | 31 | 31 | 31 | 68 | 74 | 55 | 52 | 62 |

## GREEN BAY, WIS.

[$\phi$=44°31′ N.; $\lambda$=88°00′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.32 | 30.02 | 29.84 | 28.61 | 17.8 | 17.5 | 22.1 | 20.8 | 16.6 | 16.4 | 20.0 | 19.2 | 25.7 | 11.8 | 18.8 | 46 | −22 | 14 | 14 | 14 | 15 | 14 | 83 | 83 | 68 | 78 | 78 |
| February | 29.41 | 30.11 | 29.72 | 28.76 | 18.8 | 16.1 | 23.4 | 23.2 | 17.7 | 15.1 | 21.0 | 21.5 | 26.7 | 13.2 | 20.0 | 36 | −11 | 14 | 12 | 15 | 17 | 15 | 82 | 84 | 68 | 76 | 78 |
| March | 29.14 | 29.82 | 29.53 | 28.44 | 33.5 | 31.2 | 37.1 | 36.4 | 31.0 | 29.4 | 33.5 | 33.3 | 40.2 | 29.1 | 34.6 | 54 | 20 | 28 | 26 | 28 | 29 | 28 | 79 | 82 | 71 | 75 | 77 |
| April | 29.39 | 30.06 | 29.82 | 28.72 | 45.4 | 42.8 | 55.6 | 55.1 | 41.1 | 39.4 | 47.7 | 47.6 | 60.3 | 39.7 | 50.0 | 80 | 24 | 36 | 35 | 40 | 40 | 38 | 71 | 75 | 57 | 58 | 65 |
| May | 29.29 | 29.96 | 29.68 | 28.66 | 51.5 | 50.6 | 58.4 | 57.5 | 48.0 | 47.5 | 52.0 | 51.8 | 62.7 | 45.8 | 54.2 | 78 | 37 | 45 | 45 | 46 | 47 | 46 | 78 | 80 | 67 | 70 | 74 |
| June | 29.31 | 29.98 | 29.60 | 28.87 | 60.8 | 59.9 | 69.7 | 69.3 | 57.1 | 56.2 | 60.6 | 61.5 | 73.8 | 56.0 | 64.9 | 86 | 44 | 55 | 53 | 54 | 56 | 54 | 80 | 80 | 60 | 63 | 71 |
| July | 29.32 | 29.98 | 29.52 | 29.01 | 65.4 | 63.8 | 75.3 | 74.5 | 61.2 | 60.0 | 64.0 | 64.8 | 79.5 | 60.3 | 69.9 | 95 | 50 | 58 | 58 | 57 | 59 | 58 | 79 | 80 | 55 | 60 | 69 |
| August | 29.34 | 30.01 | 29.64 | 29.00 | 64.1 | 62.3 | 71.0 | 72.3 | 60.6 | 59.5 | 63.5 | 63.7 | 76.7 | 59.3 | 68.0 | 92 | 44 | 58 | 58 | 57 | 58 | 58 | 82 | 85 | 67 | 63 | 74 |
| September | 29.34 | 30.02 | 29.81 | 28.84 | 55.1 | 53.0 | 62.4 | 60.9 | 51.8 | 50.8 | 54.7 | 54.1 | 66.3 | 49.6 | 58.0 | 86 | 29 | 49 | 49 | 48 | 49 | 49 | 80 | 86 | 61 | 65 | 73 |
| October | 29.29 | 29.97 | 29.76 | 28.64 | 46.3 | 43.5 | 55.8 | 52.2 | 42.7 | 41.1 | 47.3 | 45.8 | 59.2 | 40.4 | 49.8 | 75 | 21 | 39 | 38 | 39 | 39 | 39 | 75 | 82 | 54 | 62 | 68 |
| November | 29.30 | 29.99 | 29.81 | 28.54 | 33.4 | 32.1 | 38.1 | 36.7 | 31.5 | 27.8 | 34.0 | 33.4 | 42.5 | 28.3 | 35.4 | 64 | 11 | 27 | 26 | 28 | 28 | 27 | 64 | 76 | 66 | 70 | 69 |
| December | 29.37 | 30.08 | 30.02 | 28.62 | 17.9 | 17.2 | 22.1 | 20.6 | 17.2 | 16.4 | 20.5 | 19.5 | 24.5 | 12.8 | 18.6 | 34 | −6 | 15 | 14 | 16 | 16 | 16 | 88 | 87 | 76 | 82 | 84 |
| Year | 29.32 | 30.00 | 30.02 | 28.44 | 42.5 | 40.8 | 49.2 | 48.3 | 39.7 | 38.3 | 43.2 | 43.0 | 53.2 | 37.2 | 45.2 | 95 | −22 | 36 | 36 | 37 | 38 | 37 | 78 | 82 | 64 | 68 | 73 |

## GREENSBORO, N. C.

Airport [$\phi$=36°05′ N.; $\lambda$=79°57′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.15 | 30.12 | 29.63 | 28.51 | 32.6 | 30.0 | 44.8 | 38.0 | 30.0 | 28.0 | 37.3 | 33.9 | 48.2 | 24.7 | 36.4 | 66 | −5 | 26 | 24 | 26 | 28 | 26 | 76 | 79 | 49 | 66 | 68 |
| February | 29.03 | 30.00 | 29.46 | 28.41 | 32.8 | 30.3 | 43.0 | 38.4 | 29.6 | 27.6 | 35.9 | 33.5 | 46.4 | 26.6 | 36.5 | 62 | 13 | 24 | 22 | 24 | 25 | 24 | 67 | 70 | 48 | 58 | 61 |
| March | 28.98 | 29.93 | 29.30 | 28.12 | 44.7 | 41.6 | 57.2 | 52.5 | 41.0 | 38.8 | 46.8 | 45.3 | 60.4 | 38.0 | 49.2 | 77 | 29 | 36 | 35 | 35 | 37 | 36 | 73 | 78 | 48 | 59 | 64 |
| April | 29.16 | 30.10 | 29.45 | 28.71 | 51.6 | 50.6 | 70.9 | 65.1 | 45.8 | 46.2 | 54.3 | 52.5 | 74.8 | 45.2 | 60.0 | 90 | 28 | 40 | 42 | 39 | 41 | 40 | 66 | 72 | 34 | 43 | 54 |
| May | 29.12 | 30.05 | 29.35 | 28.86 | 61.6 | 61.7 | 76.7 | 71.0 | 58.0 | 58.4 | 63.9 | 62.6 | 78.8 | 56.6 | 67.7 | 90 | 42 | 56 | 56 | 56 | 57 | 56 | 81 | 82 | 50 | 64 | 69 |
| June | 29.06 | 29.99 | 29.35 | 28.82 | 68.6 | 70.3 | 83.1 | 77.4 | 65.9 | 66.9 | 70.7 | 70.0 | 85.9 | 65.2 | 75.6 | 94 | 57 | 64 | 65 | 65 | 67 | 65 | 87 | 83 | 55 | 70 | 74 |
| July | 29.12 | 30.04 | 29.32 | 28.92 | 71.5 | 73.0 | 84.6 | 79.8 | 68.9 | 69.8 | 73.4 | 72.9 | 87.9 | 67.7 | 77.8 | 97 | 58 | 68 | 68 | 69 | 70 | 69 | 89 | 86 | 61 | 73 | 77 |
| August | 29.14 | 30.07 | 29.44 | 28.93 | 69.3 | 69.2 | 81.8 | 74.9 | 67.6 | 67.1 | 70.9 | 69.7 | 84.5 | 65.7 | 75.1 | 98 | 49 | 67 | 66 | 66 | 67 | 66 | 92 | 90 | 60 | 78 | 80 |
| September | 29.14 | 30.07 | 29.59 | 28.77 | 64.8 | 63.7 | 78.8 | 70.6 | 62.4 | 61.5 | 67.0 | 65.1 | 81.6 | 59.2 | 70.4 | 92 | 35 | 61 | 60 | 60 | 62 | 61 | 87 | 87 | 56 | 75 | 76 |
| October | 29.12 | 30.06 | 29.51 | 28.70 | 54.3 | 52.1 | 69.0 | 60.1 | 51.7 | 50.2 | 58.2 | 56.1 | 71.2 | 48.7 | 60.0 | 82 | 29 | 50 | 48 | 50 | 53 | 50 | 84 | 88 | 54 | 78 | 76 |
| November | 29.19 | 30.15 | 29.55 | 28.71 | 44.1 | 41.2 | 58.8 | 49.3 | 41.4 | 39.2 | 47.4 | 44.9 | 61.2 | 37.2 | 49.2 | 79 | 22 | 38 | 36 | 38 | 40 | 38 | 80 | 82 | 48 | 71 | 70 |
| December | 29.15 | 30.12 | 29.68 | 28.28 | 34.9 | 32.7 | 44.1 | 37.8 | 32.9 | 31.1 | 38.9 | 35.3 | 47.7 | 27.7 | 37.7 | 69 | 9 | 29 | 28 | 32 | 31 | 30 | 80 | 80 | 63 | 77 | 75 |
| Year | 29.11 | 30.06 | 29.68 | 28.12 | 52.6 | 51.4 | 66.1 | 59.6 | 49.6 | 48.7 | 55.4 | 53.5 | 69.0 | 46.9 | 58.0 | 98 | −5 | 47 | 46 | 47 | 48 | 47 | 80 | 81 | 52 | 68 | 70 |

## GREENVILLE, S. C.

Airport [$\phi$=34°51′ N.; $\lambda$=82°21′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [1] | | [1] | [1] | | | | | | | | | | | | | | | | | | | | | | | |
| January | 28.99 | 30.11 | 29.44 | 28.47 | 38.5 | 35.3 | 47.9 | 42.8 | 35.1 | 32.3 | 39.7 | 37.7 | 51.4 | 31.5 | 41.4 | 69 | 12 | 30 | 27 | 28 | 31 | 29 | 72 | 72 | 49 | 63 | 64 |
| February | 28.87 | 30.00 | 29.29 | 28.30 | 36.3 | 32.5 | 44.8 | 41.3 | 32.6 | 30.1 | 38.3 | 36.1 | 48.8 | 30.6 | 39.7 | 63 | 18 | 26 | 26 | 29 | 28 | 27 | 66 | 76 | 55 | 59 | 64 |
| March | 28.83 | 29.94 | 29.14 | 28.06 | 47.4 | 43.5 | 58.4 | 54.1 | 42.9 | 40.5 | 48.3 | 46.5 | 61.5 | 40.9 | 51.2 | 77 | 24 | 37 | 37 | 37 | 38 | 37 | 69 | 77 | 50 | 57 | 64 |
| April | 28.99 | 30.08 | 29.29 | 28.54 | 57.4 | 54.9 | 73.1 | 66.5 | 49.0 | 48.2 | 55.3 | 53.6 | 75.8 | 50.6 | 63.2 | 87 | 33 | 40 | 42 | 39 | 42 | 41 | 55 | 63 | 31 | 43 | 48 |
| May | 28.95 | 30.04 | 29.17 | 28.67 | 63.8 | 63.3 | 75.2 | 71.5 | 58.8 | 59.4 | 63.7 | 61.5 | 79.0 | 58.9 | 69.0 | 89 | 50 | 55 | 57 | 56 | 54 | 56 | 75 | 80 | 55 | 59 | 67 |
| June | 28.90 | 29.97 | 29.16 | 28.70 | 72.1 | 72.7 | 85.2 | 79.4 | 67.2 | 67.9 | 70.5 | 69.5 | 88.2 | 67.9 | 78.0 | 97 | 59 | 65 | 66 | 63 | 64 | 64 | 78 | 79 | 49 | 62 | 67 |
| July | 28.97 | 30.04 | 29.15 | 28.79 | 73.8 | 74.6 | 87.1 | 80.7 | 70.2 | 70.3 | 73.0 | 72.4 | 90.0 | 69.8 | 79.9 | 98 | 64 | 69 | 68 | 67 | 69 | 68 | 84 | 82 | 53 | 69 | 72 |
| August | 28.98 | 30.06 | 29.25 | 28.79 | 70.7 | 70.7 | 82.2 | 76.2 | 67.7 | 67.8 | 71.2 | 70.3 | 84.6 | 67.7 | 76.2 | 96 | 56 | 66 | 66 | 66 | 68 | 67 | 86 | 87 | 59 | 76 | 77 |
| September | 28.97 | 30.05 | 29.37 | 28.60 | 67.0 | 66.2 | 79.8 | 72.0 | 63.4 | 62.8 | 67.6 | 65.7 | 82.1 | 62.2 | 72.2 | 93 | 42 | 61 | 60 | 61 | 62 | 61 | 82 | 83 | 56 | 73 | 73 |
| October | 28.94 | 30.04 | 29.30 | 28.58 | 58.0 | 56.7 | 70.7 | 63.2 | 53.3 | 52.8 | 58.9 | 56.7 | 72.7 | 52.9 | 62.8 | 81 | 35 | 50 | 50 | 50 | 52 | 50 | 77 | 78 | 51 | 68 | 68 |
| November | 29.03 | 30.14 | 29.37 | 28.60 | 48.3 | 45.7 | 61.1 | 52.9 | 44.2 | 42.2 | 50.5 | 46.9 | 63.6 | 42.4 | 53.0 | 78 | 27 | 39 | 37 | 39 | 40 | 39 | 72 | 74 | 48 | 64 | 64 |
| December | 28.99 | 30.11 | 29.47 | 28.18 | 38.4 | 36.5 | 47.4 | 41.8 | 36.1 | 34.5 | 41.7 | 39.0 | 50.4 | 32.9 | 41.6 | 64 | 19 | 33 | 31 | 34 | 35 | 33 | 79 | 81 | 62 | 78 | 75 |
| Year | 28.95 | 30.05 | 29.47 | 28.06 | 56.0 | 54.4 | 67.7 | 61.9 | 51.7 | 50.7 | 56.6 | 54.7 | 70.7 | 50.7 | 60.7 | 98 | 12 | 48 | 47 | 47 | 49 | 48 | 75 | 78 | 52 | 64 | 67 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Greenville, S. C., 1,040 feet.

## GREAT FALLS, MONT.

[$H$=3,664 ft.; $H_b$=3,664 ft.; $H_l$=16 ft.; $=H_r$15 ft.; $H_a$=75 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 0.46 | 0.26 | 6.7 | 5.3 | 20.1 | sw. | 48 | sw. | 17 | 9 | 13 | 9 | 5 | 4 | 7 | 5 | 0 | 1 | 1 | 2 | 1 | 8 | 0 | 0 | 21 | 6 | 0 |
| February | 1.02 | .27 | 14.0 | 6.9 | 14.3 | sw. | 38 | sw. | 8 | 5 | 7 | 16 | 11 | 7 | 16 | 11 | 0 | 8 | 4 | 5 | 3 | 14 | 0 | 0 | 27 | 7 | 0 |
| March | .85 | .42 | 8.8 | 6.7 | 16.2 | sw. | 56 | nw. | 9 | 6 | 13 | 12 | 6 | 6 | 12 | 6 | 0 | 1 | 1 | 2 | 0 | 4 | 0 | 0 | 25 | 0 | 0 |
| April | .35 | .12 | .3 | 6.9 | 13.8 | sw. | 56 | w. | 10 | 4 | 11 | 15 | 7 | 3 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 9 | 0 | 0 |
| May | 4.64 | .96 | .2 | 6.9 | 12.0 | sw. | 42 | s. | 5 | 4 | 12 | 15 | 14 | 14 | 5 | 2 | 2 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 4 | 0 | 9 |
| June | 2.44 | .44 | .0 | 6.5 | 12.9 | sw. | 48 | w. | 11 | 4 | 12 | 14 | 16 | 14 | 0 | 0 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| July | 1.50 | .52 | .0 | 3.5 | 11.0 | sw. | 55 | sw. | 9 | 17 | 12 | 2 | 13 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 15 |
| August | .67 | .49 | .0 | 4.4 | 10.1 | sw. | 41 | n. | 6 | 14 | 11 | 6 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 4 |
| September | 1.06 | .25 | T | 6.1 | 11.2 | w. | 44 | nw. | 5 | 7 | 12 | 11 | 8 | 7 | 1 | 0 | 0 | 4 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| October | .56 | .31 | .3 | 5.7 | 15.6 | sw. | 49 | w. | 8 | 7 | 13 | 11 | 8 | 5 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 1 |
| November | .94 | .39 | 13.0 | 7.0 | 16.8 | sw. | 49 | sw. | 16 | 3 | 12 | 15 | 8 | 3 | 13 | 7 | 0 | 0 | 4 | 0 | 1 | 7 | 0 | 0 | 22 | 0 | 0 |
| December | .06 | .05 | 1.1 | 7.2 | 16.2 | sw. | 63 | w. | 10 | 2 | 12 | 17 | 2 | 1 | 10 | 2 | 0 | 4 | 3 | 4 | 0 | 9 | 0 | 0 | 25 | 4 | 0 |
| Year | 14.55 | .96 | 44.4 | 6.1 | 14.2 | sw. | 63 | w. | 114 | 82 | 140 | 143 | 103 | 75 | 76 | 37 | 6 | 26 | 18 | 18 | 6 | 43 | 14 | 3 | 142 | 17 | 43 |

## GREEN BAY, WIS.

[$H$=589 ft.; $H_b$=617 ft.; $H_l$=90 ft.; $H_r$=82 ft.; $H_a$=123 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.78 | 0.62 | 8.4 | 5.7 | 12.2 | sw. | 40 | n. | 1 | 11 | 6 | 14 | 6 | 3 | 14 | 6 | 0 | 8 | 3 | 0 | 0 | 14 | 0 | 0 | 31 | 8 | 0 |
| February | .79 | .51 | 9.0 | 6.7 | 10.0 | n. | 24 | n. | 0 | 6 | 6 | 16 | 7 | 5 | 19 | 7 | 0 | 7 | 2 | 0 | 1 | 20 | 0 | 0 | 28 | 3 | 0 |
| March | 2.80 | .81 | 12.1 | 7.6 | 11.4 | w. | 40 | nw. | 2 | 4 | 6 | 21 | 15 | 13 | 17 | 10 | 1 | 10 | 4 | 1 | 0 | 0 | 0 | 0 | 24 | 0 | 2 |
| April | 2.08 | .68 | .2 | 5.4 | 11.9 | s. | 30 | s. | 0 | 9 | 12 | 9 | 9 | 7 | 5 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 5 |
| May | 7.10 | 2.74 | .0 | 6.9 | 11.3 | s. | 32 | ne. | 1 | 6 | 8 | 17 | 15 | 14 | 0 | 0 | 1 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| June | 4.83 | 2.64 | .0 | 7.1 | 8.7 | se. | 31 | w. | 0 | 3 | 11 | 16 | 12 | 7 | 0 | 0 | 1 | 7 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| July | 1.88 | .74 | .0 | 6.3 | 9.0 | sw. | 31 | s. | 0 | 5 | 17 | 9 | 8 | 5 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 3 | 1 | 0 | 0 | 5 |
| August | 1.11 | .59 | .0 | 7.1 | 9.3 | s. | 26 | nw. | 0 | 3 | 14 | 14 | 9 | 4 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 |
| September | 3.43 | 1.12 | T | 6.5 | 9.9 | s. | 28 | w. | 0 | 6 | 13 | 11 | 15 | 11 | 3 | 0 | 0 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 |
| October | 1.24 | .44 | T | 5.3 | 10.0 | w. | 29 | se. | 0 | 12 | 8 | 11 | 7 | 6 | 3 | 0 | 0 | 13 | 4 | 4 | 3 | 1 | 0 | 0 | 6 | 0 | 0 |
| November | 1.81 | .67 | 1.8 | 7.3 | 11.4 | s. | 32 | s. | 1 | 4 | 8 | 18 | 9 | 7 | 8 | 4 | 0 | 5 | 3 | 1 | 0 | 4 | 0 | 0 | 21 | 0 | 0 |
| December | 2.25 | .94 | 14.2 | 7.8 | 10.6 | sw. | 29 | n. | 0 | 4 | 4 | 23 | 11 | 8 | 21 | 11 | 0 | 2 | 1 | 0 | 0 | 28 | 0 | 0 | 31 | 3 | 0 |
| Year | 30.10 | 2.74 | 4.57 | 6.6 | 10.5 | s. | 40 | n. | 5 | 73 | 113 | 179 | 123 | 90 | 90 | 40 | 3 | 86 | 26 | 10 | 6 | 67 | 4 | 1 | 154 | 14 | 29 |

## GREENSBORO, N. C.

Airport [$H$=891 ft.; $H_b$=886 ft.; $H_l$=6 ft.; $H_r$=3 ft.; $H_a$=56 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.36 | 0.69 | 4.7 | 5.4 | 7.8 | sw. | 29 | sw. | 0 | 12 | 7 | 12 | 9 | 8 | 4 | 3 | 1 | 9 | 1 | 0 | 1 | 4 | 0 | 0 | 24 | 1 | 1 |
| February | 3.53 | 2.27 | 3.7 | 5.8 | 9.2 | nw. | 29 | s. | 0 | 9 | 6 | 13 | 7 | 5 | 6 | 2 | 0 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| March | 4.92 | 1.99 | 5.8 | 5.7 | 10.3 | sw. | 37 | sw. | 3 | 10 | 7 | 14 | 10 | 10 | 3 | 2 | 1 | 11 | 1 | 1 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| April | .55 | .50 | .0 | 3.8 | 8.3 | sw. | 30 | n. | 0 | 17 | 6 | 7 | 3 | 3 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 0 |
| May | 4.71 | 1.88 | .0 | 6.5 | 7.7 | s. | 26 | se. | 0 | 7 | 11 | 13 | 10 | 7 | 0 | 0 | 0 | 15 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 7 |
| June | 4.23 | 1.37 | .0 | 6.0 | 6.8 | s. | 32 | nw. | 1 | 4 | 17 | 9 | 15 | 12 | 0 | 0 | 0 | 16 | 2 | 2 | 1 | 0 | 4 | 0 | 0 | 0 | 10 |
| July | 4.26 | 1.26 | .0 | 5.8 | 6.0 | sw. | 30 | w. | 0 | 10 | 10 | 11 | 8 | 7 | 0 | 0 | 0 | 13 | 2 | 4 | 1 | 0 | 14 | 5 | 0 | 0 | 9 |
| August | 5.53 | 1.91 | .0 | 6.8 | 7.0 | sw. | 25 | sw. | 0 | 5 | 10 | 16 | 16 | 13 | 0 | 0 | 0 | 21 | 0 | 1 | 1 | 0 | 3 | 2 | 0 | 0 | 12 |
| September | 3.17 | 1.50 | .0 | 4.7 | 6.8 | ne. | 26 | s. | 0 | 13 | 10 | 7 | 6 | 6 | 0 | 0 | 0 | 17 | 4 | 2 | 3 | 0 | 6 | 0 | 0 | 0 | 3 |
| October | 4.27 | 1.71 | .0 | 5.3 | 7.8 | ne. | 28 | ne. | 0 | 13 | 6 | 12 | 9 | 8 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 1.27 | .85 | .0 | 4.2 | 7.8 | ne. | 25 | w. | 0 | 14 | 8 | 8 | 8 | 4 | 0 | 0 | 0 | 14 | 3 | 2 | 4 | 0 | 0 | 0 | 9 | 0 | 0 |
| December | 3.44 | .75 | 2.1 | 6.0 | 8.9 | ne. | 34 | w. | 1 | 10 | 6 | 15 | 16 | 12 | 4 | 3 | 0 | 18 | 8 | 4 | 6 | 1 | 0 | 0 | 24 | 0 | 1 |
| Year | 42.24 | 2.27 | 16.3 | 5.5 | 7.9 | sw. | 37 | sw. | 5 | 124 | 104 | 137 | 117 | 95 | 17 | 10 | 2 | 157 | 25 | 20 | 19 | 5 | 28 | 7 | 94 | 1 | 43 |

## GREENVILLE, S. C.

Airport [$H$=1,006 ft.; $H_b$=1,023 ft.; $H_l$=18 ft.; $H_r$=27 ft.; $H_a$=36 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.84 | 0.90 | 1.2 | 5.1 | 8.9 | sw. | 39 | n. | 1 | 11 | 11 | 9 | 9 | 7 | 5 | 2 | 0 | 9 | 1 | 1 | 2 | 1 | 0 | 0 | 14 | 0 | 0 |
| February | 5.04 | 3.10 | .8 | 5.1 | 9.1 | n. | 32 | w. | 1 | 14 | 3 | 11 | 8 | 8 | 4 | 1 | 0 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 17 | 0 | 2 |
| March | 5.88 | 1.84 | 8.0 | 5.5 | 9.7 | sw. | 38 | ne. | 3 | 12 | 6 | 13 | 14 | 8 | 2 | 1 | 0 | 5 | 7 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 4 |
| April | 1.00 | 1.00 | .0 | 3.8 | 8.8 | sw. | 35 | nw. | 2 | 16 | 10 | 4 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 4.02 | 1.37 | .0 | 6.4 | 7.5 | sw. | 24 | n. | 0 | 7 | 12 | 12 | 9 | 8 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| June | 1.90 | .71 | .0 | 6.6 | 7.7 | sw. | 29 | nw. | 0 | 0 | 22 | 8 | 10 | 7 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 10 | 2 | 0 | 0 | 10 |
| July | 4.73 | 1.17 | .0 | 6.7 | 6.7 | w. | 39 | w. | 4 | 3 | 14 | 14 | 17 | 14 | 0 | 0 | 1 | 3 | 1 | 1 | 0 | 0 | 18 | 6 | 0 | 0 | 14 |
| August | 4.87 | 1.38 | .0 | 6.5 | 7.0 | sw. | 26 | n. | 0 | 5 | 11 | 15 | 16 | 15 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 13 |
| September | 3.50 | 1.13 | .0 | 5.3 | 7.6 | ne. | 29 | ne. | 0 | 8 | 13 | 9 | 10 | 9 | 0 | 0 | 0 | 10 | 2 | 3 | 2 | 0 | 5 | 0 | 0 | 0 | 4 |
| October | 2.37 | .87 | .0 | 4.9 | 8.3 | ne. | 24 | n. | 0 | 12 | 9 | 10 | 11 | 8 | 0 | 0 | 0 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | 1.39 | .68 | .0 | 4.6 | 8.6 | ne. | 30 | n. | 0 | 12 | 9 | 9 | 4 | 4 | 0 | 0 | 0 | 7 | 1 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| December | 6.01 | 2.51 | T | 5.7 | 9.7 | ne. | 40 | w. | 3 | 12 | 5 | 14 | 15 | 11 | 2 | 0 | 1 | 15 | 4 | 2 | 6 | 0 | 0 | 0 | 12 | 0 | 1 |
| Year | 43.55 | 3.10 | 10.0 | 5.5 | 8.3 | sw. | 40 | w. | 14 | 112 | 125 | 128 | 125 | 100 | 13 | 4 | 2 | 81 | 21 | 13 | 14 | 1 | 39 | 9 | 49 | 0 | 59 |

## HARRISBURG, PA.

Airport [$\phi$=40°13′ N.; $\lambda$=76°51′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.66 | 30.08 | 30.15 | 28.93 | 26.7 | 26.3 | 33.6 | 31.0 | 24.5 | 24.2 | 29.2 | 27.5 | 37.2 | 21.0 | 29.1 | 59 | −3 | 20 | 20 | 20 | 20 | 20 | 74 | 74 | 58 | 63 | 67 |
| February | 29.52 | 29.93 | 30.01 | 28.85 | 26.8 | 25.7 | 33.7 | 31.0 | 23.9 | 23.0 | 28.5 | 27.0 | 36.6 | 22.9 | 29.8 | 49 | 7 | 17 | 16 | 17 | 18 | 17 | 64 | 64 | 49 | 57 | 58 |
| March | 29.47 | 29.88 | 29.89 | 28.40 | 39.4 | 37.1 | 47.6 | 44.6 | 36.0 | 34.4 | 40.1 | 38.9 | 51.5 | 34.0 | 42.8 | 66 | 26 | 31 | 31 | 30 | 31 | 31 | 72 | 78 | 53 | 61 | 66 |
| April | 29.54 | 30.05 | 29.92 | 29.22 | 48.4 | 48.2 | 64.2 | 60.0 | 43.9 | 43.3 | 50.7 | 49.2 | 68.4 | 43.5 | 56.0 | 92 | 30 | 39 | 38 | 38 | 38 | 38 | 70 | 68 | 40 | 47 | 56 |
| May | 29.62 | 30.02 | 29.95 | 29.36 | 60.5 | 60.5 | 72.8 | 68.7 | 56.2 | 56.0 | 60.9 | 60.3 | 77.2 | 55.2 | 66.2 | 97 | 37 | 53 | 52 | 52 | 54 | 53 | 76 | 76 | 52 | 62 | 66 |
| June | 29.57 | 29.97 | 29.91 | 29.23 | 65.6 | 66.9 | 78.0 | 73.9 | 62.8 | 62.9 | 66.9 | 66.6 | 80.7 | 62.1 | 71.4 | 91 | 54 | 61 | 60 | 60 | 62 | 61 | 86 | 80 | 57 | 69 | 73 |
| July | 29.59 | 29.99 | 29.88 | 29.28 | 69.4 | 70.5 | 82.3 | 77.7 | 65.6 | 66.1 | 70.0 | 70.0 | 86.0 | 65.9 | 76.0 | 95 | 57 | 64 | 63 | 64 | 66 | 64 | 82 | 80 | 55 | 69 | 72 |
| August | 29.66 | 30.05 | 30.03 | 29.39 | 66.5 | 66.8 | 79.2 | 72.7 | 64.2 | 64.2 | 68.0 | 67.2 | 81.6 | 62.6 | 72.1 | 94 | 48 | 63 | 63 | 62 | 64 | 63 | 88 | 87 | 57 | 76 | 77 |
| September | 29.66 | 30.06 | 30.18 | 29.22 | 61.4 | 60.6 | 73.6 | 66.8 | 58.8 | 58.4 | 63.0 | 61.2 | 77.0 | 56.1 | 66.6 | 94 | 35 | 57 | 57 | 56 | 57 | 57 | 86 | 87 | 56 | 73 | 75 |
| October | 29.66 | 30.06 | 30.13 | 29.14 | 52.2 | 50.4 | 64.0 | 57.9 | 49.2 | 47.9 | 54.7 | 53.1 | 66.5 | 47.4 | 57.0 | 83 | 29 | 46 | 45 | 47 | 49 | 47 | 80 | 83 | 57 | 73 | 73 |
| November | 29.69 | 30.10 | 30.15 | 29.05 | 41.3 | 39.9 | 50.0 | 44.5 | 38.2 | 37.0 | 42.8 | 39.9 | 52.7 | 35.0 | 43.8 | 77 | 22 | 34 | 33 | 34 | 34 | 34 | 75 | 75 | 55 | 66 | 68 |
| December | 29.67 | 30.09 | 30.33 | 28.46 | 29.2 | 27.4 | 34.0 | 30.6 | 27.2 | 25.3 | 30.2 | 28.0 | 37.1 | 23.9 | 30.5 | 48 | 2 | 23 | 21 | 23 | 22 | 22 | 76 | 74 | 62 | 70 | 71 |
| Year | 29.62 | 30.02 | 30.33 | 28.40 | 49.0 | 48.4 | 59.4 | 55.0 | 45.9 | 45.2 | 50.4 | 49.1 | 62.7 | 44.1 | 53.4 | 97 | −3 | 42 | 42 | 42 | 43 | 42 | 77 | 77 | 54 | 66 | 68 |

## HARTFORD, CONN.

Airport [$\phi$=41°44′ N.; $\lambda$=72°39′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 29.86 | 30.04 | (1) 30.35 | (1) 29.09 | 23.4 | 22.1 | 32.0 | 27.3 | 21.6 | 20.5 | 27.3 | 24.5 | 34.6 | 15.6 | 25.1 | 56 | −10 | 17 | 16 | 16 | 18 | 17 | 76 | 77 | 52 | 66 | 68 |
| February | 29.64 | 29.82 | 30.27 | 29.07 | 23.4 | 22.1 | 32.2 | 27.2 | 21.2 | 20.2 | 27.3 | 23.8 | 34.3 | 18.0 | 26.2 | 47 | 2 | 15 | 14 | 16 | 15 | 15 | 68 | 71 | 51 | 59 | 62 |
| March | 29.68 | 29.86 | 30.20 | 28.73 | 36.0 | 35.6 | 46.4 | 40.8 | 33.5 | 33.3 | 39.1 | 36.2 | 49.0 | 31.9 | 40.4 | 62 | 27 | 30 | 30 | 29 | 30 | 29 | 77 | 79 | 52 | 65 | 68 |
| April | 29.83 | 30.01 | 30.19 | 29.37 | 42.9 | 44.5 | 60.6 | 52.1 | 40.0 | 40.8 | 48.3 | 45.1 | 62.6 | 38.5 | 50.6 | 86 | 27 | 36 | 36 | 35 | 37 | 36 | 78 | 73 | 42 | 59 | 63 |
| May | 29.87 | 30.04 | 30.15 | 29.61 | 56.1 | 58.0 | 70.0 | 62.8 | 53.9 | 54.8 | 59.7 | 57.2 | 72.1 | 52.3 | 62.2 | 89 | 35 | 52 | 52 | 52 | 53 | 52 | 87 | 82 | 56 | 72 | 74 |
| June | 29.78 | 29.96 | 30.13 | 29.35 | 61.0 | 64.6 | 76.0 | 69.7 | 60.0 | 60.9 | 65.3 | 63.9 | 77.7 | 58.6 | 68.2 | 89 | 50 | 59 | 58 | 59 | 60 | 59 | 90 | 82 | 57 | 74 | 76 |
| July | 29.80 | 29.96 | 30.15 | 29.43 | 66.5 | 68.7 | 80.0 | 73.4 | 64.0 | 64.6 | 68.9 | 67.4 | 82.0 | 62.8 | 72.4 | 93 | 53 | 62 | 62 | 63 | 64 | 63 | 88 | 81 | 58 | 74 | 75 |
| August | 29.87 | 30.04 | 30.28 | 29.54 | 64.2 | 65.4 | 78.5 | 70.5 | 62.4 | 62.5 | 67.3 | 65.2 | 79.9 | 59.9 | 69.9 | 89 | 46 | 61 | 61 | 61 | 62 | 61 | 91 | 86 | 56 | 74 | 77 |
| September | 29.88 | 30.05 | 30.39 | 29.51 | 58.9 | 58.9 | 72.4 | 64.4 | 57.1 | 57.2 | 62.5 | 60.7 | 74.2 | 53.2 | 63.7 | 90 | 33 | 56 | 56 | 56 | 58 | 56 | 90 | 90 | 58 | 80 | 80 |
| October | 29.90 | 30.07 | 30.47 | 29.20 | 47.9 | 47.4 | 63.7 | 54.3 | 46.4 | 45.6 | 53.8 | 50.5 | 65.5 | 43.0 | 54.2 | 82 | 29 | 45 | 44 | 45 | 47 | 45 | 89 | 88 | 52 | 77 | 76 |
| November | 29.87 | 30.05 | 30.44 | 29.18 | 38.8 | 37.7 | 49.1 | 41.8 | 36.8 | 35.9 | 42.0 | 38.5 | 51.3 | 31.9 | 41.6 | 72 | 19 | 34 | 33 | 32 | 34 | 33 | 82 | 83 | 55 | 73 | 73 |
| December | 29.85 | 30.03 | 30.71 | 28.41 | 24.1 | 23.0 | 31.4 | 27.5 | 22.7 | 21.6 | 27.5 | 25.3 | 34.2 | 18.3 | 26.2 | 58 | −10 | 19 | 19 | 20 | 20 | 19 | 80 | 83 | 61 | 72 | 74 |
| Year | 29.82 | 29.99 | 30.71 | 28.41 | 45.3 | 45.7 | 57.7 | 51.0 | 43.3 | 43.2 | 49.1 | 46.5 | 59.8 | 40.3 | 50.1 | 93 | −10 | 40 | 40 | 40 | 42 | 40 | 83 | 81 | 54 | 70 | 72 |

## HATTERAS, N. C.

[$\phi$=35°15′ N.; $\lambda$=75°40′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.08 | 30.09 | 30.58 | 29.41 | 44.0 | 43.0 | 48.9 | 44.7 | 42.0 | 41.3 | 45.3 | 42.4 | 52.4 | 38.9 | 45.6 | 67 | 24 | 40 | 39 | 41 | 40 | 40 | 84 | 86 | 76 | 82 | 82 |
| February | 29.94 | 29.95 | 30.46 | 29.14 | 41.3 | 38.8 | 44.3 | 42.0 | 39.2 | 36.8 | 41.0 | 39.9 | 47.0 | 36.2 | 41.6 | 68 | 23 | 36 | 34 | 37 | 37 | 36 | 82 | 82 | 75 | 82 | 80 |
| March | 29.92 | 29.93 | 30.27 | 29.00 | 52.6 | 51.7 | 58.5 | 54.0 | 50.5 | 49.3 | 53.9 | 51.6 | 60.9 | 48.5 | 54.7 | 72 | 38 | 48 | 47 | 50 | 49 | 49 | 86 | 84 | 74 | 85 | 82 |
| April | 30.08 | 30.09 | 30.40 | 29.60 | 55.4 | 57.8 | 64.5 | 57.5 | 52.3 | 53.5 | 56.3 | 53.9 | 66.0 | 52.1 | 59.0 | 77 | 43 | 49 | 50 | 49 | 51 | 50 | 81 | 75 | 59 | 79 | 74 |
| May | 30.05 | 30.06 | 30.26 | 29.80 | 68.1 | 70.4 | 75.1 | 67.8 | 65.0 | 65.7 | 67.4 | 65.7 | 77.1 | 65.3 | 71.2 | 81 | 57 | 63 | 63 | 63 | 63 | 63 | 85 | 78 | 67 | 81 | 78 |
| June | 29.96 | 29.97 | 30.27 | 29.65 | 74.5 | 77.4 | 81.4 | 76.6 | 72.1 | 72.8 | 74.1 | 72.4 | 82.6 | 72.3 | 77.4 | 88 | 65 | 71 | 71 | 71 | 70 | 71 | 89 | 80 | 71 | 82 | 81 |
| July | 30.00 | 30.01 | 30.20 | 29.81 | 78.6 | 80.5 | 84.8 | 80.4 | 75.7 | 76.5 | 77.7 | 76.7 | 86.8 | 76.2 | 81.5 | 95 | 70 | 75 | 75 | 75 | 75 | 75 | 88 | 84 | 73 | 84 | 82 |
| August | 30.04 | 30.05 | 30.26 | 29.78 | 76.1 | 77.1 | 80.9 | 76.5 | 73.3 | 73.4 | 75.3 | 73.0 | 82.7 | 73.4 | 78.0 | 90 | 66 | 72 | 72 | 73 | 72 | 72 | 88 | 84 | 77 | 85 | 84 |
| September | 30.02 | 30.03 | 30.34 | 29.69 | 73.0 | 74.1 | 80.0 | 74.3 | 70.8 | 71.6 | 73.3 | 71.2 | 81.6 | 70.5 | 76.0 | 88 | 56 | 70 | 70 | 70 | 70 | 70 | 89 | 88 | 72 | 85 | 84 |
| October | 30.00 | 30.00 | 30.39 | 29.56 | 65.4 | 65.7 | 71.3 | 66.7 | 62.9 | 63.0 | 65.1 | 63.5 | 72.3 | 62.6 | 67.4 | 79 | 47 | 61 | 61 | 61 | 62 | 61 | 87 | 86 | 72 | 85 | 82 |
| November | 30.09 | 30.11 | 30.48 | 29.55 | 56.8 | 55.7 | 62.3 | 57.5 | 54.2 | 53.2 | 57.1 | 54.6 | 64.8 | 52.3 | 58.6 | 75 | 36 | 52 | 51 | 53 | 52 | 52 | 84 | 85 | 73 | 83 | 81 |
| December | 30.08 | 30.09 | 30.61 | 29.14 | 47.1 | 44.1 | 49.3 | 45.8 | 45.2 | 42.6 | 46.3 | 44.1 | 55.5 | 39.7 | 47.6 | 68 | 22 | 43 | 41 | 43 | 42 | 42 | 86 | 87 | 80 | 87 | 85 |
| Year | 30.02 | 30.03 | 30.61 | 29.00 | 61.1 | 61.4 | 66.8 | 62.0 | 58.6 | 58.3 | 61.1 | 59.1 | 69.1 | 57.3 | 63.2 | 95 | 22 | 57 | 56 | 57 | 57 | 57 | 86 | 83 | 72 | 83 | 81 |

## HAVRE, MONT.

[$\phi$=48°34′ N.; $\lambda$=109°40′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 27.46 | 30.20 | 27.86 | 27.05 | 21.4 | 20.1 | 27.6 | 28.8 | 19.3 | 18.0 | 25.8 | 25.3 | 35.5 | 13.1 | 24.3 | 50 | −24 | 15 | 13 | 18 | 20 | 16 | 75 | 73 | 66 | 67 | 70 |
| February | 27.37 | 30.13 | 27.69 | 26.87 | 14.5 | 10.0 | 17.5 | 21.4 | 13.3 | 9.2 | 16.0 | 19.4 | 25.8 | 5.5 | 15.6 | 47 | −16 | 10 | 7 | 12 | 15 | 11 | 82 | 86 | 79 | 75 | 80 |
| March | 27.31 | 30.00 | 27.79 | 26.87 | 30.0 | 26.7 | 37.0 | 40.1 | 27.7 | 24.7 | 31.8 | 34.5 | 42.6 | 23.0 | 32.8 | 66 | 12 | 24 | 22 | 24 | 27 | 24 | 78 | 80 | 60 | 61 | 70 |
| April | 27.23 | 29.87 | 27.69 | 26.76 | 42.7 | 36.1 | 55.0 | 56.8 | 37.5 | 33.2 | 42.9 | 44.2 | 61.7 | 33.4 | 47.6 | 85 | 19 | 32 | 29 | 30 | 30 | 30 | 66 | 76 | 40 | 40 | 55 |
| May | 27.31 | 29.94 | 27.69 | 26.91 | 48.6 | 42.3 | 59.7 | 62.1 | 42.7 | 39.3 | 47.8 | 48.9 | 64.8 | 40.2 | 52.5 | 88 | 26 | 36 | 36 | 36 | 36 | 36 | 64 | 78 | 44 | 40 | 57 |
| June | 27.29 | 29.90 | 27.75 | 26.85 | 53.8 | 49.0 | 64.6 | 67.2 | 49.7 | 46.4 | 53.5 | 54.5 | 71.1 | 47.6 | 59.4 | 83 | 36 | 46 | 44 | 44 | 41 | 44 | 76 | 83 | 51 | 47 | 64 |
| July | 27.38 | 29.97 | 27.73 | 27.06 | 64.6 | 57.5 | 76.8 | 80.8 | 55.9 | 53.1 | 60.5 | 60.2 | 83.8 | 55.5 | 69.6 | 97 | 41 | 50 | 50 | 50 | 46 | 49 | 61 | 76 | 42 | 33 | 53 |
| August | 27.35 | 29.94 | 27.76 | 27.00 | 61.7 | 55.5 | 74.1 | 77.4 | 54.4 | 51.5 | 59.4 | 59.1 | 81.6 | 53.2 | 67.4 | 98 | 42 | 49 | 48 | 50 | 47 | 49 | 65 | 78 | 45 | 37 | 56 |
| September | 27.37 | 29.99 | 27.71 | 26.94 | 52.2 | 46.7 | 62.3 | 66.6 | 47.3 | 43.6 | 51.1 | 52.4 | 71.1 | 44.1 | 57.6 | 91 | 30 | 43 | 41 | 42 | 40 | 41 | 73 | 80 | 49 | 42 | 61 |
| October | 27.36 | 30.00 | 27.81 | 26.84 | 44.6 | 40.5 | 53.5 | 55.3 | 39.0 | 36.3 | 43.1 | 43.3 | 61.3 | 34.7 | 48.0 | 88 | 13 | 32 | 31 | 33 | 30 | 32 | 65 | 71 | 48 | 45 | 57 |
| November | 27.27 | 29.98 | 27.77 | 26.37 | 27.4 | 24.3 | 32.2 | 30.7 | 24.5 | 22.2 | 28.0 | 27.0 | 39.0 | 18.4 | 28.7 | 65 | 0 | 20 | 19 | 22 | 22 | 21 | 76 | 80 | 67 | 70 | 73 |
| December | 27.29 | 30.02 | 27.73 | 26.78 | 18.4 | 18.9 | 23.2 | 22.8 | 17.1 | 17.1 | 20.7 | 20.7 | 29.5 | 11.2 | 20.4 | 52 | −13 | 14 | 14 | 16 | 17 | 15 | 84 | 82 | 75 | 77 | 80 |
| Year | 27.33 | 30.00 | 27.86 | 26.37 | 40.0 | 35.6 | 48.6 | 50.8 | 35.7 | 32.9 | 39.9 | 40.8 | 55.6 | 31.7 | 43.7 | 98 | −24 | 31 | 30 | 31 | 31 | 31 | 72 | 79 | 56 | 53 | 65 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Hartford, Conn., 159 feet; Harrisburg, Pa., 374 feet.

## HARRISBURG, PA.

Airport [$H$=335 ft.; $H_b$=351 ft.; $H_t$=30 ft.; $H_r$=29 ft.; $H_e$=49 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 2.37 | 0.97 | 7.7 | 5.5 | 7.9 | w. | 32 | nw. | 1 | 11 | 6 | 14 | 8 | 8 | 8 | 5 | 0 | 9 | 4 | 4 | 3 | 8 | 0 | 0 | 24 | 2 | 0 |
| February | 2.93 | 1.52 | 4.9 | 5.8 | 12.4 | nw. | 31 | nw. | 0 | 8 | 8 | 12 | 5 | 5 | 11 | 1 | 0 | 5 | 4 | 3 | 3 | 6 | 0 | 0 | 24 | 0 | 0 |
| March | 3.14 | .86 | 10.2 | 7.1 | 10.2 | w. | 40 | sw. | 1 | 5 | 9 | 17 | 14 | 10 | 13 | 3 | 0 | 15 | 5 | 3 | 1 | 0 | 0 | 0 | 10 | 0 | 1 |
| April | 1.54 | 1.08 | T | 6.0 | 8.7 | nw. | 34 | nw. | 1 | 7 | 11 | 12 | 8 | 4 | 2 | 0 | 0 | 10 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 |
| May | 6.39 | 2.28 | .0 | 6.2 | 7.8 | se. | 31 | se. | 0 | 6 | 14 | 11 | 13 | 9 | 0 | 0 | 0 | 12 | 1 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 11 |
| June | 3.63 | 1.24 | .0 | 6.9 | 6.9 | se. | 43 | sw. | 1 | 4 | 11 | 15 | 15 | 10 | 0 | 0 | 0 | 16 | 4 | 3 | 3 | 0 | 2 | 0 | 0 | 0 | 6 |
| July | 5.53 | 1.35 | .0 | 6.4 | 6.0 | sw. | 27 | n. | 0 | 6 | 13 | 12 | 12 | 12 | 0 | 0 | 0 | 15 | 3 | 2 | 1 | 0 | 8 | 2 | 0 | 0 | 14 |
| August | 4.60 | .97 | .0 | 6.6 | 5.5 | w. | 27 | sw. | 0 | 5 | 11 | 15 | 11 | 9 | 0 | 0 | 0 | 24 | 3 | 3 | 3 | 0 | 4 | 0 | 0 | 0 | 8 |
| September | 2.58 | 1.59 | .0 | 5.7 | 6.2 | w. | 29 | s. | 0 | 10 | 9 | 11 | 11 | 7 | 0 | 0 | 0 | 20 | 6 | 5 | 4 | 0 | 3 | 0 | 0 | 0 | 1 |
| October | 4.40 | 1.92 | .0 | 6.2 | 7.1 | se. | 26 | s. | 0 | 9 | 8 | 14 | 9 | 9 | 0 | 0 | 0 | 19 | 4 | 4 | 4 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 2.19 | .64 | T | 6.0 | 8.3 | nw. | 39 | s. | 1 | 6 | 11 | 13 | 13 | 10 | 3 | 0 | 0 | 13 | 3 | 1 | 1 | 0 | 0 | 0 | 13 | 0 | 0 |
| December | 5.04 | 1.82 | 7.8 | 6.6 | 8.5 | w. | 30 | w. | 0 | 7 | 9 | 15 | 16 | 13 | 11 | 6 | 0 | 18 | 8 | 4 | 3 | 6 | 0 | 0 | 27 | 0 | 0 |
| Year | 44.34 | 2.28 | 30.6 | 6.2 | 7.9 | nw. | 43 | sw. | 5 | 84 | 120 | 161 | 135 | 106 | 48 | 15 | 0 | 176 | 46 | 32 | 26 | 20 | 22 | 3 | 101 | 2 | 44 |

## HARTFORD, CONN.

[$H$=21 ft.; $H_b$=21 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_e$=44 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.20 | 1.49 | 7.1 | 5.5 | 9.5 | n. | 32 | sw. | 1 | 10 | 12 | 9 | 9 | 7 | 12 | 5 | 0 | 15 | 4 | 3 | 2 | 10 | 0 | 0 | 28 | 4 | 1 |
| February | 2.11 | .87 | 5.7 | 6.1 | 12.1 | n. | 34 | nw. | 3 | 6 | 9 | 13 | 9 | 4 | 10 | 3 | 0 | 6 | 0 | 1 | 0 | 9 | 0 | 0 | 27 | 0 | 0 |
| March | 6.13 | 1.47 | 2.3 | 7.2 | 10.5 | nw. | 38 | s. | 4 | 3 | 10 | 18 | 13 | 11 | 9 | 3 | 0 | 14 | 3 | 2 | 1 | 0 | 0 | 0 | 20 | 0 | 1 |
| April | .65 | .41 | .5 | 6.3 | 9.6 | sw. | 26 | nw. | 0 | 7 | 10 | 13 | 8 | 5 | 3 | 3 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 2 |
| May | 3.89 | 1.50 | .0 | 7.3 | 8.7 | sw. | 26 | s. | 0 | 4 | 8 | 19 | 11 | 9 | 0 | 0 | 0 | 20 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| June | 4.03 | 1.39 | .0 | 6.8 | 7.7 | sw. | 24 | n. | 0 | 6 | 9 | 15 | 11 | 10 | 0 | 0 | 0 | 19 | 5 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 5 |
| July | 4.47 | 1.60 | .0 | 6.1 | 7.2 | s. | 27 | n. | 0 | 7 | 12 | 12 | 12 | 9 | 0 | 0 | 0 | 22 | 3 | 3 | 2 | 0 | 3 | 0 | 0 | 0 | 6 |
| August | 4.31 | 1.54 | .0 | 6.0 | 6.7 | sw. | 21 | s. | 0 | 8 | 10 | 13 | 10 | 9 | 0 | 0 | 0 | 22 | 5 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 5 |
| September | 3.24 | 1.57 | .0 | 5.6 | 7.0 | sw. | 30 | s. | 0 | 12 | 7 | 11 | 12 | 7 | 0 | 0 | 0 | 24 | 9 | 6 | 10 | 0 | 1 | 0 | 0 | 0 | 0 |
| October | 2.80 | 1.13 | .0 | 5.9 | 7.4 | sw. | 26 | nw. | 0 | 9 | 10 | 12 | 7 | 5 | 0 | 0 | 0 | 23 | 6 | 6 | 6 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 7.05 | 2.13 | T | 6.6 | 8.8 | n. | 34 | sw. | 2 | 5 | 11 | 14 | 13 | 11 | 2 | 1 | 0 | 12 | 2 | 0 | 0 | 1 | 0 | 0 | 17 | 0 | 1 |
| December | 6.60 | 2.35 | 10.2 | 6.1 | 9.6 | n. | 37 | sw. | 1 | 9 | 7 | 15 | 12 | 10 | 9 | 5 | 0 | 17 | 3 | 2 | 2 | 10 | 0 | 0 | 29 | 5 | 0 |
| Year | 49.57 | 2.35 | 25.8 | 6.3 | 8.7 | n. | 38 | s. | 11 | 86 | 115 | 164 | 127 | 97 | 45 | 20 | 0 | 202 | 43 | 32 | 33 | 30 | 4 | 0 | 128 | 9 | 25 |

## HATTERAS, N. C.

[$H$=7 ft.; $H_b$=11 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_e$=50 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.75 | 1.51 | 2.5 | 4.9 | 13.4 | n. | 41 | n. | 5 | 15 | 4 | 12 | 9 | 8 | 3 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 |
| February | 2.76 | 1.13 | T | 5.2 | 15.5 | n. | 42 | n. | 2 | 10 | 8 | 10 | 8 | 7 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 0 | 1 |
| March | 5.72 | 1.37 | .0 | 4.8 | 15.1 | sw. | 45 | se. | 9 | 14 | 7 | 10 | 12 | 10 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| April | .51 | .49 | .0 | 3.3 | 11.5 | sw. | 35 | n. | 1 | 17 | 9 | 4 | 3 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 1.17 | .84 | .0 | 4.9 | 11.5 | sw. | 30 | w. | 0 | 10 | 14 | 7 | 7 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | 3.12 | 2.71 | .0 | 4.8 | 10.3 | sw. | 26 | w. | 0 | 8 | 17 | 5 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | 1.40 | .42 | .0 | 5.3 | 10.7 | sw. | 28 | n. | 0 | 10 | 13 | 8 | 8 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 10 |
| August | 6.35 | 2.39 | .0 | 6.1 | 12.7 | sw. | 36 | n. | 3 | 8 | 9 | 14 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 12 |
| September | 2.64 | 1.15 | .0 | 5.7 | 10.9 | sw. | 34 | n. | 3 | 10 | 6 | 14 | 9 | 6 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| October | 19.18 | 12.46 | .0 | 5.5 | 11.6 | ne. | 33 | ne. | 1 | 11 | 9 | 11 | 14 | 11 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| November | 2.43 | 1.01 | .0 | 4.3 | 13.6 | ne. | 37 | sw. | 4 | 16 | 6 | 8 | 6 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| December | 4.87 | 1.40 | T | 5.6 | 15.6 | n. | 45 | w. | 7 | 10 | 9 | 12 | 16 | 13 | 2 | 0 | 0 | 5 | 1 | 1 | 2 | 1 | 0 | 0 | 6 | 0 | 3 |
| Year | 53.90 | 12.46 | 2.5 | 5.0 | 12.7 | sw. | 45 | se. | 35 | 139 | 111 | 115 | 109 | 87 | 6 | 2 | 1 | 35 | 4 | 2 | 2 | 1 | 8 | 1 | 19 | 0 | 52 |

## HAVRE, MONT.

[$H$=2,488 ft.; $H_b$=2,507 ft.; $H_t$=11 ft.; $H_r$=3 ft.; $H_e$=67 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.04 | 0.04 | 0.6 | 5.5 | 10.2 | sw. | 30 | w. | 0 | 9 | 10 | 12 | 2 | 0 | 9 | 2 | 0 | 1 | 0 | 0 | 0 | 8 | 0 | 0 | 30 | 8 | 0 |
| February | .68 | .28 | 10.2 | 7.4 | 7.4 | sw. | 28 | n. | 0 | 4 | 7 | 17 | 9 | 5 | 14 | 9 | 0 | 9 | 9 | 7 | 6 | 17 | 0 | 0 | 28 | 11 | 0 |
| March | 1.14 | .43 | 11.1 | 6.4 | 8.7 | sw. | 26 | nw. | 0 | 6 | 10 | 15 | 11 | 8 | 12 | 9 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 28 | 0 | 0 |
| April | .36 | .13 | 1.4 | 6.1 | 9.4 | nw. | 29 | sw. | 0 | 6 | 14 | 10 | 9 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 3 |
| May | 1.68 | .47 | .0 | 6.7 | 8.6 | e. | 26 | se. | 0 | 4 | 12 | 15 | 11 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 4 |
| June | 3.70 | .96 | .0 | 6.3 | 10.2 | sw. | 34 | sw. | 1 | 6 | 8 | 16 | 16 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| July | 2.08 | 1.07 | .0 | 3.2 | 8.1 | nw. | 31 | nw. | 0 | 17 | 11 | 3 | 11 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 10 |
| August | .78 | .35 | .0 | 4.2 | 6.2 | ne. | 29 | nw. | 0 | 16 | 8 | 7 | 7 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 4 |
| September | .95 | .52 | T | 5.5 | 7.6 | sw. | 30 | nw. | 0 | 11 | 8 | 11 | 7 | 5 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 5 |
| October | 1.36 | .84 | 2.3 | 5.7 | 9.3 | sw. | 31 | nw. | 0 | 7 | 13 | 11 | 9 | 4 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 1 |
| November | .73 | .21 | 14.2 | 6.6 | 8.7 | sw. | 26 | sw. | 0 | 7 | 6 | 17 | 9 | 6 | 15 | 9 | 0 | 2 | 1 | 0 | 0 | 10 | 0 | 0 | 27 | 0 | 0 |
| December | .02 | .01 | .7 | 7.3 | 8.5 | sw. | 29 | sw. | 0 | 5 | 8 | 18 | 2 | 0 | 16 | 2 | 0 | 4 | 1 | 0 | 0 | 17 | 0 | 0 | 31 | 9 | 0 |
| Year | 13.52 | 1.07 | 40.5 | 5.9 | 8.6 | sw. | 34 | sw. | 1 | 98 | 115 | 152 | 103 | 63 | 78 | 37 | 4 | 17 | 12 | 8 | 6 | 54 | 17 | 2 | 176 | 28 | 33 |

## HELENA, MONT.

Airport [$\phi$=46°36′ N.; $\lambda$=112°0′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 25.95 | 30.43 | 26.35 | 25.53 | 8.4 | 6.4 | 10.3 | 14.3 | 7.6 | 5.7 | 9.2 | 12.8 | 20.5 | −1.0 | 9.8 | 47 | −37 | 5 | 4 | 6 | 10 | 6 | 85 | 89 | 82 | 80 | 84 |
| February | 25.76 | 30.17 | 26.02 | 25.37 | 14.2 | 11.3 | 16.8 | 21.4 | 13.2 | 10.7 | 15.6 | 19.4 | 25.3 | 5.7 | 15.5 | 45 | −26 | 11 | 8 | 13 | 16 | 12 | 87 | 88 | 84 | 77 | 84 |
| March | 25.76 | 30.06 | 26.14 | 25.40 | 30.3 | 25.7 | 34.1 | 39.4 | 27.6 | 23.7 | 30.0 | 33.3 | 42.3 | 22.8 | 32.6 | 60 | 14 | 24 | 20 | 24 | 26 | 23 | 75 | 79 | 66 | 58 | 69 |
| April | 25.68 | 29.89 | 26.10 | 25.27 | 41.7 | 35.2 | 48.5 | 55.0 | 36.8 | 32.1 | 40.8 | 43.3 | 59.0 | 32.1 | 45.6 | 82 | 20 | 32 | 28 | 33 | 31 | 31 | 67 | 76 | 57 | 43 | 61 |
| May | 25.75 | 29.96 | 26.09 | 25.40 | 44.9 | 39.4 | 53.2 | 56.7 | 40.9 | 37.1 | 44.6 | 46.2 | 59.9 | 37.2 | 48.6 | 82 | 26 | 37 | 35 | 36 | 37 | 36 | 75 | 83 | 56 | 50 | 66 |
| June | 25.78 | 29.95 | 26.20 | 25.41 | 51.6 | 46.6 | 60.6 | 64.1 | 46.9 | 43.8 | 51.1 | 52.3 | 67.5 | 44.3 | 55.9 | 85 | 33 | 43 | 41 | 44 | 43 | 43 | 72 | 82 | 55 | 49 | 65 |
| July | 25.87 | 29.98 | 26.17 | 25.58 | 64.3 | 54.4 | 75.1 | 81.2 | 53.8 | 49.5 | 59.0 | 59.2 | 84.4 | 52.5 | 68.4 | 96 | 44 | 46 | 46 | 49 | 45 | 46 | 54 | 73 | 41 | 30 | 49 |
| August | 25.83 | 29.95 | 26.16 | 25.55 | 61.8 | 52.5 | 72.3 | 78.5 | 51.5 | 46.8 | 56.3 | 57.3 | 82.4 | 49.1 | 65.8 | 97 | 39 | 44 | 42 | 46 | 43 | 44 | 54 | 69 | 40 | 31 | 49 |
| September | 25.84 | 30.01 | 26.13 | 25.52 | 52.3 | 46.1 | 60.4 | 67.4 | 45.9 | 42.4 | 49.5 | 51.9 | 70.2 | 41.8 | 56.0 | 87 | 28 | 40 | 39 | 41 | 40 | 40 | 65 | 77 | 50 | 39 | 58 |
| October | 25.85 | 30.08 | 26.22 | 25.34 | 43.6 | 39.0 | 49.7 | 54.5 | 38.0 | 35.1 | 41.3 | 43.4 | 59.3 | 34.1 | 46.7 | 84 | 13 | 32 | 31 | 33 | 33 | 32 | 65 | 73 | 55 | 48 | 60 |
| November | 25.72 | 30.04 | 26.24 | 24.91 | 30.1 | 26.7 | 33.6 | 33.7 | 27.0 | 24.4 | 29.3 | 29.4 | 40.8 | 20.7 | 30.8 | 63 | 6 | 22 | 21 | 23 | 24 | 23 | 73 | 79 | 66 | 66 | 71 |
| December | 25.73 | 30.06 | 26.15 | 25.30 | 27.1 | 25.2 | 31.7 | 31.4 | 24.5 | 23.0 | 27.7 | 27.8 | 36.4 | 19.0 | 27.7 | 60 | −4 | 20 | 20 | 22 | 23 | 21 | 76 | 78 | 67 | 70 | 73 |
| Year | 25.80 | 30.05 | 26.35 | 24.91 | 39.2 | 34.0 | 45.5 | 49.8 | 34.5 | 31.2 | 37.9 | 39.7 | 54.0 | 29.9 | 42.0 | 97 | −37 | 30 | 28 | 31 | 31 | 30 | 71 | 79 | 60 | 53 | 66 |

## HONOLULU, T. H.

[$\phi$=21°19′ N.; $\lambda$=157°52′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.94 | 29.98 | 30.10 | 29.81 | 69.1 | 68.8 | 75.6 | 71.9 | 64.2 | 63.7 | 67.0 | 66.1 | 77.2 | 66.5 | 71.8 | 81 | 63 | 61 | 61 | 62 | 63 | 62 | 76 | 76 | 64 | 74 | 72 |
| February | 29.96 | 30.00 | 30.16 | 29.81 | 70.0 | 69.2 | 74.4 | 71.5 | 64.7 | 64.3 | 66.5 | 65.6 | 76.5 | 67.5 | 72.0 | 82 | 61 | 62 | 62 | 62 | 62 | 62 | 75 | 77 | 66 | 73 | 73 |
| March | 30.00 | 30.04 | 30.21 | 29.89 | 68.2 | 68.3 | 72.1 | 69.2 | 62.8 | 62.7 | 64.1 | 63.0 | 74.0 | 66.1 | 70.0 | 77 | 59 | 60 | 59 | 59 | 59 | 59 | 75 | 73 | 65 | 71 | 71 |
| April | 30.01 | 30.05 | 30.17 | 29.82 | 69.9 | 70.6 | 74.5 | 71.3 | 64.5 | 64.9 | 66.3 | 65.4 | 76.1 | 68.0 | 72.0 | 82 | 65 | 61 | 62 | 62 | 62 | 62 | 75 | 74 | 65 | 73 | 72 |
| May | 29.97 | 30.00 | 30.10 | 29.88 | 72.9 | 75.2 | 79.5 | 75.3 | 67.4 | 68.5 | 69.7 | 68.4 | 80.9 | 71.4 | 76.2 | 84 | 68 | 64 | 65 | 65 | 65 | 65 | 75 | 71 | 61 | 70 | 69 |
| June | 29.98 | 30.02 | 30.09 | 29.87 | 74.8 | 76.2 | 80.2 | 75.9 | 68.6 | 68.9 | 70.1 | 69.0 | 81.9 | 72.7 | 77.3 | 84 | 64 | 66 | 65 | 65 | 66 | 66 | 73 | 69 | 60 | 71 | 68 |
| July | 29.97 | 30.01 | 30.07 | 29.90 | 76.1 | 76.8 | 81.3 | 77.5 | 70.0 | 70.5 | 71.5 | 70.5 | 82.9 | 74.0 | 78.4 | 85 | 71 | 67 | 67 | 67 | 67 | 67 | 74 | 73 | 62 | 71 | 70 |
| August | 29.94 | 29.98 | 30.02 | 29.86 | ---- | 78.1 | 81.9 | 78.0 | ---- | 70.6 | 71.6 | 70.6 | 83.5 | 74.9 | 79.2 | 85 | 73 | ---- | 67 | 67 | 67 | 67 | ---- | 70 | 61 | 70 | 67 |
| September | 29.92 | 29.97 | 30.03 | 29.79 | ---- | 78.1 | 82.1 | ---- | ---- | 70.8 | 72.0 | ---- | 83.7 | 74.2 | 79.0 | 85 | 73 | ---- | 68 | 68 | ---- | 68 | ---- | 70 | 62 | ---- | 66 |
| October | 29.91 | 29.95 | 30.04 | 29.74 | ---- | 76.6 | 80.8 | ---- | ---- | 70.2 | 71.7 | ---- | 82.6 | 73.5 | 78.0 | 86 | 69 | ---- | 67 | 68 | ---- | 67 | ---- | 73 | 65 | ---- | 69 |
| November | 29.90 | 29.94 | 30.06 | 29.75 | ---- | 75.4 | 79.7 | ---- | ---- | 70.2 | 71.4 | ---- | 81.5 | 72.4 | 77.0 | 85 | 67 | ---- | 68 | 68 | ---- | 68 | ---- | 78 | 67 | ---- | 72 |
| December | 29.93 | 29.97 | 30.09 | 29.79 | ---- | 73.8 | 77.9 | ---- | ---- | 69.0 | 70.5 | ---- | 79.6 | 71.4 | 75.5 | 82 | 67 | ---- | 67 | 67 | ---- | 67 | ---- | 79 | 70 | ---- | 74 |
| Year | 29.95 | 29.99 | 30.21 | 29.74 | ---- | 73.9 | 78.3 | ---- | ---- | 67.9 | 69.4 | ---- | 80.0 | 71.0 | 75.5 | 86 | 59 | ---- | 65 | 65 | ---- | 65 | ---- | 74 | 64 | ---- | 70 |

## HOUSTON, TEX.

Airport [$\phi$=29°39′ N.; $\lambda$=95°17′ W.] City [$\phi$=29°46′ N.; $\lambda$=95°22′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.07 | 30.23 | 30.54 | 29.58 | 46.5 | 43.1 | 56.8 | 53.2 | 43.7 | 41.3 | 48.1 | 46.9 | 60.4 | 42.5 | 51.4 | 76 | 28 | 40 | 39 | 39 | 40 | 40 | 80 | 84 | 54 | 63 | 71 |
| February | 29.88 | 30.04 | 30.20 | 29.39 | 50.4 | 49.0 | 57.0 | 55.2 | 47.8 | 46.7 | 50.6 | 49.8 | 61.1 | 45.8 | 53.4 | 76 | 33 | 44 | 44 | 44 | 44 | 44 | 82 | 83 | 65 | 69 | 75 |
| March | 29.81 | 29.96 | 30.23 | 29.40 | 54.3 | 51.6 | 66.1 | 64.7 | 50.5 | 49.0 | 55.9 | 55.8 | 69.8 | 51.3 | 60.6 | 88 | 39 | 46 | 46 | 46 | 47 | 46 | 77 | 82 | 53 | 58 | 68 |
| April | 29.84 | 29.99 | 30.23 | 29.36 | 63.3 | 61.2 | 72.5 | 70.1 | 61.2 | 59.9 | 64.7 | 64.3 | 75.5 | 61.1 | 68.3 | 84 | 45 | 60 | 59 | 60 | 60 | 60 | 88 | 92 | 66 | 74 | 80 |
| May | 29.82 | 29.96 | 30.02 | 29.53 | 69.8 | 68.2 | 80.8 | 78.1 | 67.7 | 66.6 | 70.2 | 70.1 | 83.6 | 67.2 | 75.4 | 90 | 54 | 66 | 66 | 65 | 66 | 66 | 90 | 92 | 59 | 68 | 77 |
| June | 29.74 | 29.88 | 29.98 | 29.42 | 75.8 | 74.8 | 86.8 | 84.3 | 73.9 | 73.1 | 76.0 | 76.0 | 89.6 | 73.4 | 81.5 | 95 | 65 | 73 | 72 | 72 | 73 | 72 | 92 | 92 | 62 | 69 | 79 |
| July | 29.90 | 30.04 | 30.08 | 29.76 | 76.7 | 75.1 | 85.7 | 84.2 | 74.8 | 73.9 | 75.9 | 76.6 | 89.1 | 74.6 | 81.8 | 94 | 69 | 74 | 73 | 72 | 74 | 73 | 92 | 94 | 65 | 72 | 81 |
| August | 29.81 | 29.95 | 29.98 | 29.37 | 77.4 | 75.5 | 86.9 | 84.1 | 75.7 | 74.1 | 77.0 | 77.5 | 90.1 | 75.5 | 82.8 | 94 | 72 | 75 | 74 | 73 | 75 | 74 | 92 | 94 | 65 | 75 | 82 |
| September | 29.84 | 29.99 | 30.16 | 29.60 | 71.8 | 69.0 | 81.8 | 78.2 | 69.4 | 67.4 | 71.3 | 71.3 | 85.6 | 68.9 | 77.2 | 94 | 45 | 70 | 66 | 66 | 68 | 67 | 88 | 92 | 60 | 71 | 78 |
| October | 29.85 | 30.00 | 30.12 | 29.49 | 65.2 | 62.6 | 79.1 | 73.1 | 63.0 | 61.4 | 66.8 | 66.2 | 81.8 | 62.8 | 72.3 | 90 | 49 | 62 | 60 | 60 | 62 | 61 | 88 | 92 | 53 | 70 | 76 |
| November | 29.92 | 30.08 | 30.37 | 29.49 | 59.2 | 56.0 | 72.3 | 65.1 | 56.7 | 54.5 | 61.8 | 59.7 | 74.2 | 55.5 | 64.8 | 84 | 38 | 54 | 53 | 54 | 55 | 54 | 84 | 90 | 55 | 72 | 75 |
| December | 29.92 | 30.08 | 30.28 | 29.44 | 51.7 | 49.4 | 62.7 | 58.3 | 50.0 | 48.4 | 55.0 | 53.5 | 66.5 | 47.5 | 57.0 | 80 | 35 | 48 | 47 | 49 | 49 | 48 | 88 | 92 | 62 | 73 | 79 |
| Year | 29.87 | 30.02 | 30.54 | 29.36 | 63.5 | 61.3 | 74.0 | 70.7 | 61.2 | 59.7 | 64.4 | 64.0 | 77.3 | 60.5 | 68.9 | 95 | 28 | 59 | 58 | 58 | 59 | 59 | 87 | 90 | 60 | 70 | 77 |

## HURON, S. DAK.

Airport [$\phi$=44°21′ N.; $\lambda$=98°14′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 28.69 | 30.14 | 29.20 | 28.21 | 19.6 | 15.3 | 26.4 | 26.3 | 18.1 | 14.3 | 22.9 | 23.3 | 33.7 | 11.5 | 22.6 | 57 | −24 | 15 | 12 | 16 | 18 | 15 | 79 | 84 | 66 | 69 | 74 |
| February | 28.68 | 30.14 | 28.91 | 28.22 | 18.2 | 14.7 | 23.7 | 24.7 | 17.4 | 14.2 | 21.6 | 22.8 | 29.7 | 11.2 | 20.4 | 44 | −10 | 16 | 13 | 17 | 19 | 16 | 88 | 92 | 73 | 76 | 82 |
| March | 28.46 | 29.88 | 29.03 | 27.98 | 31.6 | 28.8 | 37.2 | 37.5 | 30.0 | 27.8 | 33.5 | 33.9 | 41.5 | 26.5 | 34.0 | 71 | 13 | 28 | 26 | 28 | 29 | 28 | 85 | 89 | 72 | 74 | 80 |
| April | 28.54 | 29.94 | 29.00 | 27.88 | 44.7 | 40.3 | 58.3 | 59.4 | 40.9 | 38.1 | 48.3 | 48.3 | 64.2 | 37.9 | 51.0 | 84 | 22 | 37 | 36 | 38 | 37 | 37 | 75 | 83 | 51 | 48 | 64 |
| May | 28.53 | 29.92 | 28.92 | 27.91 | 50.0 | 47.8 | 60.1 | 59.0 | 47.7 | 46.1 | 53.5 | 52.7 | 63.9 | 44.8 | 54.4 | 86 | 33 | 46 | 44 | 48 | 48 | 46 | 85 | 88 | 66 | 69 | 77 |
| June | 28.53 | 29.90 | 28.89 | 28.18 | 61.0 | 59.2 | 70.9 | 72.2 | 58.9 | 57.5 | 62.8 | 63.6 | 75.6 | 56.6 | 66.1 | 89 | 39 | 57 | 56 | 58 | 58 | 57 | 88 | 90 | 64 | 60 | 76 |
| July | 28.58 | 29.95 | 28.93 | 28.24 | 65.0 | 62.1 | 78.3 | 79.4 | 62.5 | 60.4 | 67.4 | 68.4 | 83.8 | 59.6 | 71.7 | 101 | 46 | 61 | 59 | 61 | 62 | 61 | 88 | 91 | 58 | 57 | 73 |
| August | 28.55 | 29.92 | 28.92 | 28.20 | 65.1 | 61.4 | 78.6 | 79.4 | 62.1 | 59.7 | 68.4 | 68.9 | 83.5 | 59.4 | 71.4 | 96 | 42 | 60 | 59 | 63 | 64 | 62 | 86 | 91 | 61 | 60 | 74 |
| September | 28.61 | 30.00 | 28.97 | 28.24 | 51.4 | 48.0 | 63.3 | 62.5 | 49.9 | 47.3 | 55.5 | 55.3 | 67.9 | 44.9 | 56.4 | 96 | 25 | 48 | 46 | 50 | 50 | 49 | 90 | 95 | 63 | 65 | 78 |
| October | 28.60 | 30.01 | 29.03 | 28.04 | 43.6 | 38.5 | 57.7 | 52.6 | 40.8 | 37.1 | 48.2 | 46.0 | 61.6 | 36.9 | 49.2 | 88 | 13 | 38 | 35 | 40 | 40 | 38 | 80 | 88 | 53 | 64 | 72 |
| November | 28.57 | 30.00 | 29.18 | 27.77 | 29.2 | 26.4 | 40.1 | 35.5 | 27.0 | 24.8 | 34.2 | 31.3 | 46.4 | 20.7 | 33.6 | 71 | −1 | 23 | 22 | 26 | 25 | 24 | 78 | 84 | 58 | 67 | 73 |
| December | 28.66 | 30.13 | 29.25 | 28.12 | 14.8 | 11.7 | 20.0 | 18.6 | 14.1 | 11.2 | 18.3 | 17.6 | 26.4 | 6.3 | 16.4 | 46 | −10 | 12 | 10 | 14 | 15 | 13 | 89 | 91 | 76 | 85 | 85 |
| Year | 28.58 | 29.99 | 29.25 | 27.77 | 41.2 | 37.8 | 51.2 | 50.6 | 39.1 | 36.5 | 44.6 | 44.3 | 56.5 | 34.7 | 45.6 | 101 | −24 | 37 | 35 | 38 | 39 | 37 | 84 | 89 | 63 | 66 | 76 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Helena, Mont., 4,124 feet; Houston, Tex., 138 feet; Huron, S. Dak., 1,306 feet.
[2] Airport data.

## HELENA, MONT.

Airport [$H$=3,893 ft.; $H_b$=3,898 ft.; $H_t$=5 ft.; $H_r$=2 ft.; $H_a$=43 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.60 | 0.26 | 10.6 | 5.4 | 4.4 | w. | 26 | w. | 0 | 12 | 5 | 14 | 7 | 5 | 13 | 7 | 0 | 14 | 8 | 8 | 7 | 21 | 0 | 0 | 31 | 16 | 0 |
| February | .49 | .23 | 11.8 | 7.8 | 6.0 | w. | 30 | n. | 0 | 3 | 6 | 19 | 8 | 4 | 19 | 8 | 0 | 10 | 5 | 5 | 5 | 18 | 0 | 0 | 28 | 9 | 0 |
| March | .51 | .23 | 7.5 | 6.7 | 8.8 | w. | 49 | w. | 4 | 5 | 10 | 16 | 9 | 2 | 14 | 9 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 31 | 0 | 0 |
| April | .55 | .28 | .8 | 6.9 | 10.2 | w. | 37 | sw. | 3 | 3 | 11 | 16 | 6 | 3 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 1 |
| May | 2.35 | .95 | 2.5 | 7.8 | 9.5 | w. | 45 | s. | 2 | 2 | 8 | 21 | 12 | 9 | 7 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 5 |
| June | 1.96 | .52 | .0 | 6.7 | 9.6 | w. | 41 | w. | 3 | 4 | 11 | 15 | 13 | 11 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| July | .48 | .13 | .0 | 3.3 | 9.0 | w. | 54 | sw. | 7 | 15 | 15 | 1 | 10 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | 3 | 0 | 0 | 15 |
| August | .60 | .35 | .0 | 4.1 | 8.0 | w. | 46 | w. | 3 | 15 | 12 | 4 | 7 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 2 | 0 | 0 | 9 |
| September | .66 | .60 | .1 | 5.7 | 8.2 | w. | 47 | w. | 3 | 7 | 13 | 10 | 3 | 1 | 2 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| October | .58 | .31 | T | 5.9 | 8.8 | w. | 49 | nw. | 6 | 11 | 8 | 12 | 8 | 3 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 1 |
| November | .87 | .30 | 11.5 | 7.2 | 8.6 | w. | 39 | sw. | 6 | 3 | 11 | 16 | 9 | 6 | 16 | 6 | 0 | 4 | 4 | 3 | 3 | 5 | 0 | 0 | 28 | 0 | 0 |
| December | .29 | .16 | 3.1 | 8.2 | 8.4 | w. | 42 | w. | 5 | 2 | 5 | 24 | 6 | 3 | 15 | 4 | 0 | 4 | 1 | 1 | 1 | 9 | 0 | 0 | 29 | 3 | 0 |
| Year | 9.94 | .95 | 47.9 | 6.3 | 8.3 | w. | 54 | sw. | 42 | 82 | 115 | 168 | 98 | 54 | 99 | 42 | 5 | 37 | 20 | 19 | 18 | 53 | 17 | 5 | 184 | 28 | 44 |

## HONOLULU, T. H.

[$H$=12 ft.; $H_b$=38 ft.; $H_t$=86 ft.; $H_r$=68 ft.; $H_a$=100 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.17 | 0.12 | 0.0 | 3.4 | 7.5 | ne. | 23 | sw. | 0 | 18 | 12 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 3.28 | .90 | .0 | 5.6 | 9.9 | ne. | 38 | ne. | 2 | 6 | 15 | 7 | 11 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| March | 1.57 | .39 | .0 | 5.7 | 12.8 | ne. | 36 | ne. | 3 | 8 | 13 | 10 | 17 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 1.12 | .73 | .0 | 6.9 | 11.5 | ne. | 38 | ne. | 1 | 0 | 19 | 11 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | .46 | .19 | .0 | 5.7 | 8.4 | ne. | 27 | ne. | 0 | 9 | 11 | 11 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 1.11 | .72 | .0 | 5.9 | 10.0 | ne. | 26 | ne. | 0 | 5 | 18 | 7 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| July | .29 | .17 | .0 | 6.4 | 8.9 | ne. | 23 | ne. | 0 | 5 | 14 | 12 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| August | 1.58 | 1.07 | .0 | 5.1 | 9.5 | ne. | 24 | ne. | 0 | 13 | 8 | 10 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | .99 | .48 | .0 | 5.4 | 8.1 | ne. | 23 | ne. | 0 | 8 | 15 | 7 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 3.85 | 2.83 | .0 | 6.0 | 8.5 | ne. | 24 | e. | 0 | 5 | 16 | 10 | 14 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 3.86 | 2.28 | .0 | 7.0 | 8.0 | ne. | 30 | sw. | 0 | 2 | 14 | 14 | 11 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| December | 9.13 | 2.83 | .0 | 7.0 | 7.4 | ne. | 27 | ne. | 0 | 3 | 14 | 14 | 15 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Year | 27.41 | 2.83 | .0 | 5.8 | 9.2 | ne. | 38 | ne. | 6 | 82 | 169 | 114 | 126 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |

## HOUSTON, TEX.

Airport [$H$=51 ft.; $H_b$=62 ft.; $H_t$=24 ft.; $H_r$=21 ft.; $H_a$=80 ft.] City [$H$=41 ft.; $H_b$=138 ft.; $H_t$=157 ft.; $H_r$=149 ft.; $H_a$=190 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.98 | 0.47 | 0.0 | 5.2 | 10.4 | n. | 29 | nw. | 0 | 14 | 6 | 11 | 7 | 6 | 0 | 0 | 0 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 8 | 0 | 2 |
| February | 2.25 | .98 | .0 | 7.9 | 11.0 | e. | 29 | se. | 0 | 4 | 4 | 20 | 12 | 8 | 0 | 0 | 0 | 8 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| March | 1.91 | 1.03 | .0 | 6.2 | 12.8 | se. | 33 | nw. | 2 | 8 | 9 | 14 | 9 | 4 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | 5.21 | 2.09 | .0 | 7.1 | 12.9 | se. | 46 | se. | 5 | 6 | 5 | 19 | 6 | 5 | 0 | 0 | 1 | 11 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 |
| May | 1.09 | .84 | .0 | 5.9 | 11.1 | se. | 33 | e. | 1 | 8 | 11 | 12 | 8 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| June | 4.89 | 1.38 | .0 | 6.2 | 9.1 | se. | 29 | n. | 0 | 3 | 18 | 9 | 13 | 10 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 18 | 1 | 0 | 0 | 13 |
| July | 14.10 | 4.06 | .0 | 6.5 | 7.5 | se. | 27 | se. | 0 | 3 | 16 | 12 | 15 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 15 |
| August | 4.08 | .84 | .0 | 7.1 | 9.2 | se. | 35 | se. | 2 | 0 | 19 | 12 | 15 | 12 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 19 | 0 | 0 | 0 | 13 |
| September | 3.28 | 1.73 | .0 | 6.2 | 8.6 | se. | 28 | nw. | 0 | 5 | 11 | 14 | 10 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 6 |
| October | 1.50 | .68 | .0 | 4.8 | 9.2 | se. | 30 | se. | 0 | 10 | 15 | 6 | 6 | 4 | 0 | 0 | 0 | 4 | 3 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 4 |
| November | 2.55 | 1.42 | .0 | 4.9 | 11.3 | se. | 31 | n. | 0 | 11 | 8 | 11 | 4 | 4 | 0 | 0 | 0 | 5 | 5 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 3.43 | 1.77 | .0 | 5.2 | 10.8 | se. | 33 | se. | 1 | 12 | 8 | 11 | 8 | 5 | 0 | 0 | 0 | 7 | 5 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 1 |
| Year | 45.27 | 4.06 | .0 | 6.1 | 10.3 | se. | 46 | se. | 11 | 84 | 130 | 151 | 113 | 84 | 0 | 0 | 1 | 55 | 18 | 9 | 15 | 0 | 67 | 1 | 8 | 0 | 65 |

## HURON, S. DAK.

Airport [$H$=1,282 ft.; $H_b$=1,289 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_a$=41 ft.

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.04 | 0.07 | 0.7 | 4.0 | 13.2 | nw. | 35 | s. | 2 | 17 | 7 | 7 | 2 | 0 | 7 | 2 | 0 | 4 | 0 | 0 | 0 | 11 | 0 | 0 | 31 | 9 | 0 |
| February | .59 | .38 | 7.2 | 7.5 | 11.7 | n. | 40 | nw. | 2 | 5 | 5 | 18 | 6 | 5 | 17 | 6 | 0 | 15 | 5 | 4 | 2 | 20 | 0 | 0 | 28 | 6 | 0 |
| March | 3.41 | 1.87 | 9.4 | 7.5 | 15.6 | nw. | 43 | nw. | 7 | 4 | 6 | 21 | 10 | 6 | 15 | 5 | 0 | 8 | 2 | 1 | 1 | 5 | 0 | 0 | 28 | 0 | 1 |
| April | 2.28 | 1.48 | .0 | 6.2 | 15.9 | se. | 53 | s. | 9 | 5 | 13 | 12 | 5 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 3 |
| May | 7.11 | 1.87 | .0 | 7.0 | 14.7 | se. | 53 | nw. | 7 | 7 | 5 | 19 | 14 | 12 | 0 | 0 | 4 | 8 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| June | 2.42 | .80 | .0 | 6.3 | 12.5 | se. | 43 | se. | 5 | 6 | 12 | 12 | 10 | 8 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| July | 3.67 | 1.83 | .0 | 5.0 | 9.7 | n. | 46 | ne. | 4 | 9 | 16 | 6 | 11 | 9 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 13 |
| August | 1.61 | 1.03 | .0 | 4.2 | 11.4 | s. | 37 | se. | 3 | 11 | 16 | 4 | 6 | 5 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 7 |
| September | 2.92 | 1.46 | T | 5.3 | 11.5 | s. | 39 | nw. | 5 | 11 | 8 | 11 | 9 | 6 | 4 | 0 | 0 | 11 | 4 | 3 | 3 | 0 | 1 | 1 | 5 | 0 | 6 |
| October | 1.30 | .55 | T | 4.2 | 10.8 | nw. | 40 | w. | 4 | 16 | 7 | 8 | 6 | 5 | 4 | 0 | 0 | 9 | 2 | 1 | 1 | 1 | 0 | 0 | 10 | 0 | 2 |
| November | .19 | .12 | 1.1 | 5.4 | 12.8 | nw. | 46 | s. | 2 | 10 | 9 | 11 | 5 | 2 | 7 | 4 | 0 | 3 | 1 | 1 | 1 | 6 | 0 | 0 | 27 | 2 | 0 |
| December | .30 | .11 | 5.7 | 6.7 | 10.8 | nw. | 36 | nw. | 1 | 7 | 6 | 18 | 9 | 3 | 20 | 7 | 0 | 7 | 3 | 2 | 2 | 23 | 0 | 0 | 31 | 11 | 0 |
| Year | 25.84 | 1.87 | 24.1 | 5.8 | 12.5 | nw. | 53 | nw. | 51 | 108 | 110 | 147 | 93 | 64 | 74 | 24 | 6 | 96 | 18 | 13 | 11 | 66 | 14 | 3 | 171 | 28 | 51 |

## INDIANAPOLIS, IND.

Airport [$\phi$=39°44′ N.; $\lambda$=86°16′ W.] City [$\phi$=39°46′ N.; $\lambda$=86°10′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 29.18 | 30.10 | 29.65 | 28.32 | 24.5 | 23.4 | 32.4 | 28.9 | 23.2 | 22.4 | 28.9 | 26.6 | 37.0 | 21.5 | 29.2 | 58 | −7 | 20 | 20 | 22 | 22 | 21 | 82 | 86 | 65 | 75 | 77 |
| February | 29.14 | 30.05 | 29.49 | 28.30 | 25.7 | 24.6 | 30.3 | 29.2 | 24.5 | 23.5 | 27.9 | 27.2 | 34.2 | 23.0 | 28.6 | 50 | 4 | 22 | 21 | 23 | 24 | 22 | 85 | 85 | 73 | 78 | 80 |
| March | 28.98 | 29.87 | 29.33 | 28.24 | 38.6 | 36.5 | 46.6 | 44.2 | 36.2 | 34.9 | 41.3 | 40.2 | 52.1 | 35.9 | 44.0 | 75 | 28 | 33 | 33 | 35 | 35 | 34 | 82 | 86 | 66 | 73 | 77 |
| April | 29.19 | 30.08 | 29.47 | 28.76 | 50.4 | 47.5 | 63.3 | 59.9 | 45.7 | 44.5 | 53.0 | 51.3 | 68.2 | 47.5 | 57.8 | 90 | 31 | 41 | 42 | 44 | 44 | 43 | 72 | 81 | 53 | 58 | 66 |
| May | 29.12 | 29.99 | 29.42 | 28.70 | 57.6 | 56.1 | 69.3 | 65.6 | 54.5 | 53.6 | 60.0 | 58.7 | 73.7 | 55.0 | 64.4 | 91 | 41 | 52 | 52 | 54 | 54 | 53 | 84 | 86 | 60 | 68 | 74 |
| June | 29.09 | 29.96 | 29.34 | 28.76 | 65.9 | 65.8 | 78.6 | 74.5 | 64.0 | 63.8 | 69.1 | 68.3 | 83.1 | 64.2 | 73.6 | 93 | 47 | 63 | 62 | 64 | 65 | 64 | 90 | 89 | 63 | 74 | 79 |
| July | 29.14 | 30.01 | 29.30 | 28.94 | 70.0 | 68.5 | 82.9 | 80.4 | 67.3 | 66.5 | 71.9 | 72.5 | 87.7 | 68.7 | 78.2 | 98 | 55 | 66 | 66 | 67 | 69 | 67 | 87 | 90 | 59 | 69 | 76 |
| August | 29.16 | 30.03 | 29.44 | 28.92 | 66.3 | 65.0 | 79.2 | 75.8 | 64.3 | 63.5 | 69.0 | 68.6 | 83.2 | 65.0 | 74.1 | 96 | 50 | 63 | 63 | 64 | 65 | 64 | 90 | 92 | 61 | 70 | 78 |
| September | 29.17 | 30.05 | 29.60 | 28.88 | 58.6 | 56.2 | 72.3 | 66.0 | 56.2 | 54.6 | 62.0 | 60.2 | 76.0 | 56.6 | 66.3 | 92 | 33 | 54 | 53 | 55 | 56 | 55 | 86 | 90 | 56 | 71 | 76 |
| October | 29.14 | 30.02 | 29.40 | 28.52 | 50.0 | 46.5 | 63.8 | 56.9 | 46.8 | 44.8 | 54.0 | 50.5 | 67.0 | 47.4 | 57.2 | 83 | 24 | 44 | 43 | 46 | 45 | 44 | 80 | 88 | 54 | 66 | 72 |
| November | 29.16 | 30.06 | 29.56 | 28.59 | 42.2 | 38.2 | 48.4 | 45.6 | 39.6 | 36.9 | 43.3 | 41.7 | 54.1 | 37.3 | 45.7 | 75 | 20 | 36 | 35 | 37 | 37 | 36 | 81 | 88 | 68 | 73 | 77 |
| December | 29.18 | 30.10 | 29.70 | 28.53 | 25.4 | 23.7 | 30.3 | 28.7 | 24.7 | 23.0 | 28.7 | 27.5 | 34.3 | 22.42 | 28.2 | 60 | 2 | 23 | 22 | 26 | 25 | 24 | 90 | 90 | 82 | 85 | 87 |
| Year | 29.14 | 30.03 | 29.70 | 28.24 | 47.9 | 46.0 | 58.1 | 54.6 | 45.6 | 44.3 | 50.8 | 49.4 | 62.6 | 45.4 | 53.9 | 98 | −7 | 43 | 43 | 45 | 45 | 44 | 84 | 88 | 63 | 72 | 77 |

## ITHACA, N. Y.

[$\phi$=42°27′ N.; $\lambda$=76°29′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.09 | 30.02 | 29.55 | 28.34 | ---- | ---- | 27.8 | ---- | ---- | ---- | 24.6 | ---- | 32.1 | 17.7 | 24.9 | ---- | ---- | ---- | ---- | 18 | ---- | 18 | ---- | ---- | 64 | ---- | 64 |
| February | 28.99 | 29.93 | 29.51 | 28.39 | ---- | ---- | 24.2 | ---- | ---- | ---- | 22.0 | ---- | 28.2 | 14.5 | 21.4 | ---- | ---- | ---- | ---- | 16 | ---- | 16 | ---- | ---- | 71 | ---- | 71 |
| March | 28.94 | 29.86 | 29.38 | 27.97 | ---- | ---- | 41.1 | ---- | ---- | ---- | 35.6 | ---- | 44.5 | 30.1 | 37.3 | ---- | ---- | ---- | ---- | 28 | ---- | 28 | ---- | ---- | 60 | ---- | 60 |
| April | 29.13 | 30.04 | 29.39 | 28.69 | ---- | ---- | 57.5 | ---- | ---- | ---- | 46.4 | ---- | 61.0 | 40.0 | 50.5 | ---- | ---- | ---- | ---- | 35 | ---- | 35 | ---- | ---- | 47 | ---- | 47 |
| May | 29.13 | 30.03 | 29.42 | 28.82 | ---- | ---- | 66.2 | ---- | ---- | ---- | 56.0 | ---- | 70.5 | 49.9 | 60.2 | ---- | ---- | ---- | ---- | 48 | ---- | 48 | ---- | ---- | 55 | ---- | 55 |
| June | 29.09 | 29.98 | 29.40 | 28.79 | ---- | ---- | 74.4 | ---- | ---- | ---- | 63.2 | ---- | 77.6 | 56.5 | 67.0 | ---- | ---- | ---- | ---- | 56 | ---- | 56 | ---- | ---- | 56 | ---- | 56 |
| July | 29.11 | 29.99 | 29.40 | 28.87 | ---- | ---- | 77.5 | ---- | ---- | ---- | 66.6 | ---- | 82.2 | 58.9 | 70.6 | ---- | ---- | ---- | ---- | 60 | ---- | 60 | ---- | ---- | 58 | ---- | 58 |
| August | 29.13 | 30.06 | 29.50 | 28.88 | ---- | ---- | 75.4 | ---- | ---- | ---- | 64.3 | ---- | 78.8 | 56.5 | 67.6 | ---- | ---- | ---- | ---- | 58 | ---- | 58 | ---- | ---- | 56 | ---- | 56 |
| September | 29.17 | 30.07 | 29.60 | 28.69 | ---- | ---- | 68.3 | ---- | ---- | ---- | 58.5 | ---- | 72.4 | 50.2 | 61.3 | ---- | ---- | ---- | ---- | 51 | ---- | 51 | ---- | ---- | 57 | ---- | 57 |
| October | 29.16 | 30.07 | 29.68 | 28.62 | ---- | ---- | 58.6 | ---- | ---- | ---- | 50.1 | ---- | 62.2 | 44.2 | 53.2 | ---- | ---- | ---- | ---- | 42 | ---- | 42 | ---- | ---- | 57 | ---- | 57 |
| November | 29.13 | 30.05 | 29.66 | 28.54 | ---- | ---- | 43.9 | ---- | ---- | ---- | 38.7 | ---- | 48.1 | 31.9 | 40.0 | ---- | ---- | ---- | ---- | 32 | ---- | 32 | ---- | ---- | 63 | ---- | 63 |
| December | 29.10 | 30.04 | 29.78 | 28.02 | ---- | ---- | 28.2 | ---- | ---- | ---- | 25.3 | ---- | 31.1 | 19.0 | 25.0 | ---- | ---- | ---- | ---- | 20 | ---- | 20 | ---- | ---- | 69 | ---- | 69 |
| Year | 29.10 | 30.01 | 29.78 | 27.97 | ---- | ---- | 53.6 | ---- | ---- | ---- | 45.9 | ---- | 57.4 | 39.1 | 48.2 | ---- | ---- | ---- | ---- | 39 | ---- | 39 | ---- | ---- | 59 | ---- | 59 |

## JACKSONVILLE, FLA.

Airport [$\phi$=30°25′ N.; $\lambda$=81°39′ W.] City [$\phi$=30°20′ N.; $\lambda$=81°39′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.10 | 30.14 | 30.51 | 29.64 | 47.3 | 44.0 | 62.0 | 53.4 | 44.8 | 42.4 | 51.7 | 48.3 | 64.8 | 44.2 | 54.5 | 77 | 25 | 42 | 41 | 41 | 43 | 42 | 82 | 88 | 49 | 68 | 72 |
| February | 29.98 | 30.03 | 30.39 | 29.25 | 45.8 | 43.3 | 56.8 | 51.2 | 43.6 | 41.3 | 48.3 | 46.3 | 60.0 | 42.9 | 51.4 | 79 | 31 | 41 | 39 | 38 | 41 | 40 | 84 | 84 | 53 | 68 | 72 |
| March | 29.95 | 30.00 | 30.27 | 29.34 | 54.9 | 52.8 | 69.5 | 61.5 | 52.1 | 50.7 | 57.8 | 55.1 | 71.4 | 52.6 | 62.0 | 86 | 40 | 50 | 48 | 48 | 49 | 49 | 83 | 86 | 49 | 66 | 71 |
| April | 30.05 | 30.10 | 30.28 | 29.68 | 60.3 | 60.0 | 77.0 | 68.4 | 56.6 | 56.7 | 61.1 | 60.4 | 78.2 | 58.5 | 68.4 | 91 | 43 | 54 | 54 | 49 | 55 | 53 | 81 | 82 | 40 | 63 | 66 |
| May | 29.99 | 30.04 | 30.17 | 29.71 | 68.4 | 71.1 | 82.1 | 74.8 | 65.7 | 66.8 | 68.1 | 67.9 | 84.0 | 66.8 | 75.4 | 88 | 57 | 64 | 64 | 60 | 64 | 63 | 87 | 80 | 49 | 71 | 72 |
| June | 29.94 | 29.98 | 30.14 | 29.76 | 74.5 | 76.5 | 85.6 | 79.6 | 72.3 | 73.7 | 75.4 | 74.0 | 88.3 | 72.7 | 80.5 | 94 | 69 | 71 | 72 | 71 | 72 | 72 | 90 | 88 | 64 | 78 | 80 |
| July | 30.04 | 30.08 | 30.21 | 29.80 | 77.1 | 79.1 | 91.0 | 83.8 | 73.6 | 75.0 | 76.1 | 75.5 | 93.7 | 75.1 | 84.4 | 102 | 69 | 72 | 73 | 70 | 72 | 72 | 85 | 83 | 52 | 70 | 72 |
| August | 30.01 | 30.06 | 30.17 | 29.89 | 75.9 | 77.5 | 87.6 | 80.4 | 73.1 | 74.0 | 75.5 | 74.2 | 89.5 | 74.3 | 81.9 | 96 | 69 | 72 | 72 | 71 | 72 | 72 | 88 | 85 | 58 | 76 | 77 |
| September | 29.98 | 30.03 | 30.22 | 29.74 | 73.8 | 72.8 | 85.8 | 77.9 | 71.9 | 71.1 | 74.1 | 73.3 | 87.5 | 70.9 | 79.2 | 96 | 57 | 71 | 70 | 69 | 72 | 71 | 92 | 92 | 60 | 81 | 81 |
| October | 29.97 | 30.01 | 30.25 | 29.77 | 64.0 | 63.2 | 79.5 | 71.3 | 62.1 | 61.2 | 66.1 | 65.9 | 80.3 | 62.1 | 71.2 | 86 | 44 | 61 | 60 | 58 | 63 | 61 | 90 | 90 | 50 | 76 | 76 |
| November | 30.06 | 30.11 | 30.36 | 29.75 | 58.1 | 54.6 | 72.4 | 63.5 | 55.5 | 52.4 | 61.1 | 59.0 | 74.0 | 54.7 | 64.4 | 84 | 39 | 53 | 50 | 53 | 56 | 53 | 85 | 85 | 53 | 76 | 75 |
| December | 30.08 | 30.12 | 30.49 | 29.56 | 53.1 | 50.4 | 65.3 | 57.3 | 51.0 | 49.1 | 57.1 | 53.8 | 68.1 | 49.1 | 58.6 | 82 | 30 | 49 | 48 | 50 | 51 | 50 | 87 | 91 | 61 | 79 | 80 |
| Year | 30.01 | 30.06 | 30.51 | 29.25 | 62.8 | 62.1 | 76.2 | 68.6 | 60.2 | 59.5 | 64.4 | 62.8 | 78.3 | 60.3 | 69.3 | 102 | 25 | 58 | 58 | 56 | 59 | 58 | 86 | 86 | 53 | 73 | 74 |

## JUNEAU, ALASKA

[$\phi$=58°18′ N.; $\lambda$=134°24′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.75 | 29.84 | 30.41 | 29.15 | 37.1 | 37.4 | 37.4 | 38.2 | 35.6 | 35.7 | 35.6 | 36.6 | 42.7 | 33.2 | 38.0 | 49 | 25 | 34 | 33 | 33 | 34 | 34 | 88 | 86 | 86 | 87 | 86 |
| February | 29.86 | 29.95 | 30.40 | 29.05 | 35.3 | 34.4 | 34.9 | 37.5 | 33.8 | 33.1 | 33.4 | 35.0 | 39.2 | 32.4 | 35.8 | 46 | 26 | 31 | 31 | 31 | 31 | 31 | 86 | 87 | 85 | 79 | 84 |
| March | 29.70 | 29.78 | 30.14 | 29.02 | 34.1 | 32.3 | 34.3 | 36.8 | 31.7 | 30.8 | 31.7 | 33.2 | 39.6 | 30.0 | 34.8 | 57 | 15 | 27 | 28 | 27 | 26 | 27 | 76 | 84 | 74 | 68 | 75 |
| April | 29.66 | 29.75 | 30.09 | 29.16 | 40.9 | 38.8 | 42.7 | 46.2 | 38.0 | 36.6 | 38.6 | 40.1 | 48.6 | 36.4 | 42.5 | 57 | 29 | 34 | 33 | 33 | 32 | 33 | 78 | 82 | 70 | 59 | 72 |
| May | 29.89 | 29.98 | 30.20 | 29.49 | 51.8 | 46.7 | 53.5 | 58.7 | 46.8 | 44.5 | 47.7 | 48.9 | 61.0 | 45.6 | 53.3 | 75 | 36 | 42 | 42 | 42 | 39 | 41 | 71 | 85 | 67 | 51 | 68 |
| June | 29.90 | 29.98 | 30.22 | 29.44 | 54.2 | 49.5 | 55.2 | 60.0 | 50.4 | 47.6 | 50.5 | 52.2 | 62.5 | 48.2 | 55.4 | 77 | 40 | 47 | 46 | 46 | 45 | 46 | 78 | 88 | 74 | 61 | 75 |
| July | 29.97 | 30.06 | 30.34 | 29.63 | 56.5 | 52.3 | 56.9 | 62.3 | 53.4 | 50.9 | 53.5 | 55.3 | 64.0 | 51.1 | 57.6 | 80 | 45 | 51 | 50 | 51 | 50 | 50 | 82 | 92 | 81 | 67 | 80 |
| August | 29.95 | 30.04 | 30.24 | 29.56 | 55.9 | 52.8 | 55.7 | 60.1 | 53.5 | 51.9 | 53.5 | 55.1 | 62.2 | 51.6 | 56.9 | 80 | 44 | 52 | 51 | 50 | 51 | 51 | 87 | 94 | 87 | 75 | 86 |
| September | 29.94 | 30.03 | 30.39 | 29.51 | 51.2 | 49.1 | 51.9 | 56.8 | 48.7 | 48.1 | 49.6 | 51.4 | 59.0 | 47.2 | 53.1 | 74 | 38 | 48 | 47 | 47 | 46 | 47 | 90 | 93 | 86 | 72 | 86 |
| October | 29.66 | 29.75 | 30.32 | 29.10 | 45.0 | 44.2 | 44.7 | 46.1 | 42.7 | 42.4 | 42.8 | 43.4 | 48.9 | 41.5 | 45.2 | 55 | 32 | 40 | 40 | 40 | 40 | 40 | 84 | 87 | 86 | 81 | 85 |
| November | 29.62 | 29.71 | 30.10 | 28.82 | 31.2 | 30.5 | 31.2 | 32.0 | 29.2 | 28.8 | 29.1 | 29.6 | 35.0 | 27.9 | 31.4 | 46 | 19 | 25 | 25 | 25 | 25 | 25 | 78 | 81 | 77 | 74 | 77 |
| December | 29.65 | 29.74 | 30.17 | 29.16 | 23.8 | 23.9 | 23.8 | 24.2 | 22.2 | 22.2 | 22.0 | 22.4 | 27.5 | 20.1 | 23.8 | 47 | 7 | 18 | 18 | 18 | 18 | 18 | 76 | 76 | 77 | 75 | 76 |
| Year | 29.80 | 29.88 | 30.41 | 28.82 | 43.1 | 41.0 | 43.5 | 46.6 | 40.6 | 39.4 | 40.7 | 41.9 | 49.2 | 38.8 | 44.0 | 80 | 7 | 37 | 37 | 37 | 36 | 37 | 81 | 86 | 79 | 71 | 79 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Jacksonville, Fla., 43 feet; Indianapolis, Ind., 823 feet.
[2] Airport data.

## INDIANAPOLIS, IND.

Airport [$H$=793 ft.; $H_b$=808 ft.; $H_l$=5 ft.; $H_r$=3 ft.; $H_a$=54 ft.] City [$H$=718 ft.; $H_b$=823 ft.; $H_l$=98 ft.; $H_r$=96 ft.; $H_a$=129 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.20 | 0.64 | T | 5.8 | 9.3 | sw. | 32 | w. | 1 | 12 | 3 | 16 | 4 | 3 | 11 | 0 | 1 | 5 | 1 | 1 | 0 | 10 | 0 | 0 | 27 | 3 | 1 |
| February | 3.78 | 1.44 | 2.3 | 7.6 | 8.8 | w. | 22 | e. | 0 | 5 | 5 | 18 | 9 | 4 | 17 | 7 | 0 | 5 | 3 | 0 | 0 | 13 | 0 | 0 | 24 | 0 | 1 |
| March | 4.35 | 1.43 | 5.3 | 7.8 | 9.5 | w. | 32 | nw. | 1 | 5 | 7 | 19 | 13 | 11 | 10 | 7 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 12 | 0 | 1 |
| April | 2.82 | 1.11 | T | 5.0 | 8.6 | s. | 30 | nw. | 0 | 12 | 11 | 7 | 8 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| May | 5.57 | 2.13 | .0 | 7.8 | 8.2 | s. | 27 | sw. | 0 | 1 | 11 | 19 | 13 | 10 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 7 |
| June | 7.65 | 2.49 | .0 | 7.1 | 6.4 | s. | 22 | nw. | 0 | 4 | 8 | 18 | 18 | 13 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 12 |
| July | 2.91 | .97 | .0 | 6.1 | 6.9 | sw. | 21 | w. | 0 | 9 | 15 | 7 | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 12 |
| August | 2.98 | .81 | .0 | 5.9 | 6.5 | s. | 23 | sw. | 0 | 9 | 11 | 11 | 11 | 9 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 6 |
| September | 3.46 | 2.32 | .0 | 5.2 | 7.2 | s. | 25 | w. | 0 | 10 | 11 | 9 | 8 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 |
| October | 1.11 | .64 | .0 | 5.5 | 7.4 | s. | 25 | s. | 0 | 11 | 7 | 13 | 7 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| November | 4.60 | 1.38 | 1.6 | 7.1 | 9.3 | s. | 31 | sw. | 0 | 5 | 8 | 17 | 12 | 9 | 4 | 2 | 0 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 10 | 0 | 4 |
| December | 1.70 | .47 | 7.3 | 7.9 | 8.7 | w. | 27 | w. | 0 | 6 | 2 | 23 | 15 | 8 | 10 | 8 | 0 | 7 | 4 | 1 | 1 | 13 | 0 | 0 | 25 | 0 | 1 |
| Year | 42.13 | 2.49 | 16.5 | 6.5 | 8.1 | s. | 32 | w. | 2 | 89 | 99 | 177 | 128 | 94 | 54 | 25 | 1 | 33 | 12 | 4 | 2 | 37 | 28 | 2 | 102 | 3 | 50 |

## ITHACA, N. Y.

[$H$=872 ft.; $H_b$=836 ft.; $H_l$=70 ft.; $H_r$=43 ft.; $H_a$=100 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.30 | 0.45 | 11.0 | 7.7 | 10.4 | nw. | 36 | se. | 2 | 5 | 3 | 23 | 16 | 8 | 18 | 13 | 0 | 4 | 1 | 0 | 1 | 14 | 0 | 0 | 27 | 3 | 0 |
| February | 1.90 | 1.08 | 22.8 | 8.6 | 11.6 | nw. | 30 | nw. | 0 | 0 | 6 | 22 | 20 | 10 | 24 | 17 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 27 | 3 | 0 |
| March | 4.90 | 1.81 | 21.7 | 8.1 | 10.2 | nw. | 38 | se. | 3 | 3 | 6 | 22 | 18 | 11 | 17 | 10 | 0 | 3 | 3 | 1 | 5 | 1 | 0 | 0 | 22 | 0 | 2 |
| April | 1.53 | .54 | 5.8 | 6.4 | 9.6 | nw. | 27 | sw. | 0 | 8 | 7 | 15 | 12 | 9 | 6 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 1 |
| May | 3.31 | 1.21 | .0 | 7.5 | 8.4 | nw. | 43 | s. | 1 | 2 | 11 | 18 | 14 | 10 | 0 | 0 | 0 | 5 | 2 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 8 |
| June | 2.39 | 1.16 | .0 | 6.3 | 7.3 | nw. | 24 | se. | 0 | 7 | 9 | 14 | 12 | 11 | 0 | 0 | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 |
| July | 5.54 | 2.00 | .0 | 6.3 | 6.4 | nw. | 24 | nw. | 0 | 7 | 11 | 13 | 16 | 15 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 8 |
| August | 4.68 | 1.69 | .0 | 6.7 | 6.2 | nw. | 22 | se. | 0 | 4 | 13 | 14 | 10 | 7 | 0 | 0 | 0 | 6 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 |
| September | 3.54 | 1.26 | .0 | 5.9 | 8.0 | nw. | 34 | se. | 1 | 7 | 12 | 11 | 14 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| October | 2.90 | 1.09 | 1.1 | 6.3 | 8.1 | nw. | 25 | se. | 0 | 7 | 10 | 14 | 12 | 10 | 1 | 1 | 0 | 6 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 2 |
| November | 3.02 | .76 | 2.2 | 7.4 | 10.4 | nw. | 34 | s. | 1 | 3 | 8 | 19 | 15 | 12 | 8 | 4 | 0 | 7 | 2 | 2 | 2 | 0 | 0 | 0 | 16 | 0 | 0 |
| December | 5.56 | 2.31 | 17.2 | 8.8 | 10.3 | nw. | 30 | s. | 0 | 1 | 5 | 25 | 17 | 13 | 7 | 13 | 0 | 2 | 0 | 2 | 1 | 15 | 0 | 0 | 27 | 3 | 0 |
| Year | 40.57 | 2.31 | 81.8 | 7.2 | 8.9 | nw. | 43 | s. | 8 | 54 | 101 | 210 | 176 | 127 | 81 | 62 | 0 | 40 | 14 | 6 | 18 | 49 | 2 | 0 | 129 | 9 | 32 |

## JACKSONVILLE, FLA.

Airport [$H$=25 ft.; $H_b$=31 ft.; $H_l$=20 ft.; $H_r$=18 ft. $H_a$=56 ft.] City [$H$=18 ft.; $H_b$=43 ft.; $H_l$=86 ft.; $H_r$=78 ft.; $H_a$=110 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.13 | 1.97 | 0.0 | 3.7 | 7.8 | nw. | 25 | sw. | 0 | 14 | 12 | 5 | 5 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 2 |
| February | 4.70 | 1.59 | .0 | 5.3 | 8.3 | nw. | 27 | w. | 0 | 11 | 5 | 12 | 11 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| March | 6.05 | 1.64 | .0 | 5.9 | 8.2 | se. | 36 | sw. | 2 | 8 | 11 | 12 | 12 | 10 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| April | .14 | .08 | .0 | 3.1 | 7.4 | e. | 22 | w. | 0 | 21 | 6 | 3 | 3 | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| May | 1.04 | .43 | .0 | 4.6 | 6.9 | e. | 24 | s. | 0 | 12 | 13 | 6 | 6 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| June | 7.99 | 1.84 | .0 | 6.7 | 7.1 | sw. | 32 | sw. | 1 | 2 | 18 | 10 | 18 | 16 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 16 |
| July | 3.98 | 1.55 | .0 | 4.9 | 6.0 | sw. | 28 | sw. | 0 | 8 | 21 | 2 | 14 | 11 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 26 | 13 | 0 | 0 | 16 |
| August | 3.22 | .93 | .0 | 5.6 | 7.3 | se. | 24 | w. | 0 | 5 | 19 | 7 | 13 | 10 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 20 | 1 | 0 | 0 | 12 |
| September | 8.47 | 1.81 | .0 | 6.1 | 6.0 | e. | 26 | w. | 0 | 4 | 16 | 10 | 12 | 9 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 7 |
| October | .68 | .28 | .0 | 3.6 | 6.9 | ne. | 19 | ne. | 0 | 18 | 10 | 3 | 4 | 4 | 0 | 0 | 0 | 5 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | .51 | .24 | .0 | 4.6 | 7.4 | ne. | 20 | ne. | 0 | 12 | 8 | 10 | 8 | 5 | 0 | 0 | 0 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 2.22 | 1.24 | .0 | 4.8 | 7.6 | ne. | 28 | w. | 0 | 13 | 6 | 12 | 9 | 7 | 0 | 0 | 0 | 11 | 6 | 5 | 2 | 0 | 0 | 0 | 2 | 0 | 1 |
| Year | 42.13 | 1.97 | .0 | 4.9 | 7.3 | s. | 36 | sw. | 3 | 128 | 145 | 92 | 115 | 92 | 0 | 0 | 2 | 35 | 16 | 10 | 5 | 0 | 70 | 15 | 6 | 0 | 70 |

## JUNEAU, ALASKA

[$H$=80 ft.; $H_b$=80 ft.; $H_l$=96 ft.; $H_r$=88 ft.; $H_a$=116 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 10.55 | 1.62 | 2.5 | 8.8 | 8.0 | w. | 28 | se. | 0 | 3 | 1 | 27 | 23 | 20 | 5 | 4 | 0 | 16 | 3 | 2 | 0 | 2 | 0 | 0 | 14 | 0 | 0 |
| February | 7.54 | 1.30 | 12.3 | 8.2 | 7.3 | s. | 24 | se. | 0 | 3 | 3 | 22 | 18 | 15 | 8 | 4 | 0 | 10 | 6 | 3 | 2 | 2 | 0 | 0 | 14 | 0 | 0 |
| March | 7.92 | 1.21 | 5.4 | 8.3 | 8.4 | s. | 30 | e. | 0 | 4 | 2 | 25 | 21 | 18 | 20 | 16 | 0 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 17 | 0 | 0 |
| April | 4.65 | 1.01 | T | 8.3 | 6.6 | s. | 26 | e. | 0 | 4 | 2 | 24 | 21 | 18 | 3 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| May | 1.73 | .53 | .0 | 7.9 | 5.6 | w. | 20 | se. | 0 | 4 | 2 | 25 | 13 | 11 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 5.97 | 1.15 | .0 | 7.8 | 5.6 | s. | 24 | se. | 0 | 4 | 4 | 22 | 15 | 14 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 6.16 | 1.90 | .0 | 8.2 | 5.1 | s. | 19 | w. | 0 | 3 | 5 | 23 | 17 | 14 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | 7.56 | 2.24 | .0 | 8.1 | 5.7 | s. | 22 | se. | 0 | 4 | 4 | 23 | 24 | 20 | 0 | 0 | 0 | 16 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 8.39 | 2.53 | .0 | 7.6 | 4.6 | s. | 28 | se. | 0 | 5 | 5 | 20 | 16 | 15 | 0 | 0 | 0 | 15 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 17.15 | 3.23 | .0 | 9.7 | 8.7 | se. | 32 | e. | 1 | 0 | 1 | 30 | 27 | 26 | 0 | 0 | 1 | 10 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 5.07 | 1.44 | 29.4 | 8.0 | 7.7 | w. | 36 | ne. | 1 | 5 | 3 | 22 | 18 | 15 | 18 | 15 | 0 | 3 | 1 | 1 | 0 | 10 | 0 | 0 | 22 | 0 | 0 |
| December | 4.60 | 1.54 | 35.8 | 8.2 | 7.8 | se. | 29 | se. | 0 | 4 | 3 | 24 | 22 | 18 | 22 | 20 | 0 | 4 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 0 | 0 |
| Year | 87.29 | 3.23 | 85.4 | 8.3 | 6.8 | s. | 36 | ne. | 2 | 43 | 35 | 287 | 235 | 204 | 76 | 59 | 3 | 95 | 26 | 15 | 6 | 37 | 0 | 0 | 101 | 0 | 0 |

## KALISPELL, MONT.

[$\phi$=48°10′ N.; $\lambda$=114°25′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 27.16 | 30.38 | 27.52 | 26.70 | 16.8 | 14.5 | 17.3 | 21.0 | 16.5 | 14.2 | 19.9 | 20.2 | 22.9 | 11.9 | 17.4 | 43 | −13 | 16 | 14 | 16 | 19 | 16 | 95 | 96 | 94 | 91 | 94 |
| February | 26.93 | 30.10 | 27.26 | 26.51 | 21.4 | 18.4 | 23.5 | 27.8 | 20.4 | 17.7 | 22.1 | 25.7 | 30.1 | 15.3 | 22.7 | 42 | −15 | 18 | 16 | 19 | 21 | 19 | 86 | 89 | 81 | 75 | 83 |
| March | 26.91 | 30.02 | 27.31 | 26.50 | 32.5 | 28.8 | 37.0 | 41.1 | 30.2 | 27.3 | 33.6 | 35.0 | 43.6 | 26.8 | 35.2 | 59 | 20 | 27 | 25 | 29 | 28 | 27 | 78 | 84 | 73 | 61 | 74 |
| April | 26.80 | 29.85 | 27.22 | 26.46 | 41.9 | 36.6 | 48.2 | 55.2 | 38.3 | 34.2 | 41.5 | 44.1 | 57.2 | 34.3 | 45.8 | 76 | 28 | 34 | 31 | 34 | 32 | 33 | 74 | 81 | 60 | 44 | 65 |
| May | 26.88 | 29.93 | 27.22 | 26.49 | 46.7 | 41.9 | 54.1 | 56.6 | 43.2 | 39.8 | 46.0 | 47.2 | 60.3 | 40.5 | 50.4 | 80 | 30 | 40 | 38 | 38 | 38 | 38 | 78 | 85 | 56 | 52 | 68 |
| June | 26.90 | 29.93 | 27.29 | 26.50 | 51.9 | 47.4 | 57.4 | 61.5 | 48.6 | 45.7 | 51.0 | 52.4 | 63.6 | 45.9 | 54.8 | 88 | 38 | 46 | 44 | 46 | 45 | 45 | 81 | 89 | 67 | 58 | 74 |
| July | 26.96 | 29.96 | 27.23 | 26.68 | 62.2 | 53.7 | 70.2 | 76.1 | 55.7 | 51.1 | 58.4 | 59.3 | 78.5 | 52.6 | 65.6 | 89 | 43 | 51 | 49 | 51 | 48 | 50 | 69 | 85 | 51 | 39 | 61 |
| August | 26.92 | 29.92 | 27.20 | 26.66 | 60.2 | 52.4 | 69.8 | 76.8 | 53.2 | 48.9 | 57.1 | 58.8 | 78.9 | 50.4 | 64.6 | 92 | 39 | 48 | 46 | 48 | 46 | 47 | 66 | 79 | 48 | 38 | 58 |
| September | 26.95 | 29.98 | 27.25 | 26.65 | 52.2 | 46.4 | 60.2 | 66.9 | 47.8 | 43.4 | 51.1 | 53.8 | 69.2 | 42.9 | 56.0 | 83 | 31 | 44 | 41 | 44 | 44 | 43 | 75 | 82 | 55 | 45 | 64 |
| October | 26.99 | 30.06 | 27.41 | 26.48 | 42.9 | 38.5 | 47.4 | 53.6 | 39.6 | 36.5 | 42.6 | 45.5 | 56.6 | 34.4 | 45.5 | 80 | 22 | 36 | 34 | 38 | 38 | 36 | 78 | 85 | 71 | 57 | 73 |
| November | 26.87 | 30.00 | 27.42 | 26.05 | 29.1 | 26.9 | 30.7 | 32.2 | 27.9 | 25.7 | 28.6 | 30.2 | 35.6 | 23.6 | 29.6 | 53 | 12 | 26 | 24 | 25 | 27 | 26 | 88 | 88 | 80 | 82 | 85 |
| December | 26.88 | 30.01 | 27.29 | 26.44 | 28.2 | 26.5 | 29.0 | 31.0 | 26.9 | 25.3 | 27.2 | 29.1 | 34.0 | 22.5 | 28.2 | 52 | 4 | 25 | 23 | 24 | 26 | 25 | 87 | 87 | 82 | 82 | 85 |
| Year | 26.93 | 30.01 | 27.52 | 26.05 | 40.5 | 36.0 | 45.4 | 50.0 | 37.4 | 34.2 | 39.7 | 41.8 | 52.5 | 33.4 | 43.0 | 92 | −15 | 34 | 32 | 34 | 34 | 34 | 80 | 86 | 68 | 60 | 74 |

## KANSAS CITY, MO.

Airport [$\phi$=39°7′ N.; $\lambda$=94°35′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.11 | 30.19 | 29.66 | 28.58 | 28.5 | 24.9 | 35.4 | 35.1 | 26.2 | 23.3 | 30.0 | 30.4 | 41.5 | 21.5 | 31.5 | 66 | −6 | 22 | 20 | 21 | 23 | 21 | 75 | 79 | 56 | 60 | 68 |
| February | 29.00 | 30.06 | 29.34 | 28.38 | 29.8 | 28.0 | 35.2 | 35.2 | 28.2 | 26.7 | 31.8 | 32.3 | 39.5 | 24.9 | 32.2 | 58 | 8 | 26 | 24 | 26 | 28 | 26 | 83 | 85 | 70 | 73 | 78 |
| March | 28.84 | 29.89 | 29.39 | 28.20 | 41.3 | 37.8 | 49.2 | 49.9 | 36.9 | 34.5 | 41.4 | 41.8 | 54.8 | 35.0 | 44.9 | 77 | 27 | 31 | 30 | 32 | 32 | 31 | 68 | 74 | 53 | 54 | 62 |
| April | 28.95 | 29.98 | 29.37 | 28.55 | 57.6 | 52.6 | 64.8 | 66.7 | 51.0 | 48.2 | 54.3 | 54.8 | 70.6 | 50.4 | 60.5 | 88 | 33 | 45 | 44 | 45 | 45 | 45 | 65 | 74 | 53 | 48 | 60 |
| May | 28.90 | 29.92 | 29.26 | 28.42 | 61.1 | 57.8 | 68.8 | 70.0 | 56.1 | 53.9 | 58.9 | 60.2 | 73.1 | 55.4 | 64.2 | 91 | 36 | 53 | 51 | 52 | 53 | 52 | 75 | 79 | 56 | 58 | 67 |
| June | 28.90 | 29.91 | 29.17 | 28.56 | 71.0 | 68.2 | 77.7 | 79.0 | 66.2 | 64.7 | 67.4 | 68.6 | 82.4 | 65.9 | 74.2 | 95 | 48 | 64 | 61 | 62 | 63 | 62 | 79 | 84 | 61 | 61 | 71 |
| July | 28.96 | 29.96 | 29.20 | 28.74 | 77.3 | 73.5 | 86.4 | 87.5 | 70.5 | 68.8 | 73.0 | 73.4 | 91.1 | 71.9 | 81.5 | 100 | 59 | 67 | 67 | 67 | 67 | 67 | 72 | 80 | 53 | 52 | 64 |
| August | 28.97 | 29.97 | 29.21 | 28.82 | 73.3 | 69.8 | 82.3 | 81.7 | 68.2 | 66.5 | 70.9 | 70.8 | 85.4 | 68.1 | 76.8 | 97 | 58 | 66 | 65 | 66 | 66 | 66 | 78 | 84 | 58 | 60 | 70 |
| September | 28.99 | 30.01 | 29.47 | 28.68 | 64.3 | 60.8 | 72.8 | 71.0 | 59.6 | 58.0 | 62.9 | 62.5 | 76.8 | 58.6 | 67.7 | 95 | 34 | 56 | 56 | 57 | 57 | 57 | 77 | 84 | 59 | 64 | 71 |
| October | 28.98 | 30.01 | 29.29 | 28.42 | 56.1 | 51.1 | 65.3 | 62.4 | 51.0 | 48.1 | 54.3 | 53.5 | 69.3 | 48.7 | 59.0 | 85 | 27 | 46 | 45 | 45 | 46 | 46 | 72 | 80 | 50 | 57 | 65 |
| November | 28.96 | 30.01 | 29.42 | 28.41 | 45.0 | 42.6 | 51.5 | 49.3 | 41.1 | 39.7 | 45.3 | 43.8 | 55.8 | 37.8 | 46.8 | 77 | 18 | 37 | 36 | 39 | 38 | 38 | 74 | 79 | 64 | 67 | 71 |
| December | 29.05 | 30.12 | 29.57 | 28.56 | 29.1 | 27.7 | 33.6 | 32.7 | 27.5 | 26.3 | 30.7 | 30.3 | 36.8 | 25.0 | 30.9 | 55 | 9 | 25 | 24 | 26 | 26 | 25 | 82 | 84 | 73 | 77 | 79 |
| Year | 28.97 | 30.00 | 29.66 | 28.20 | 52.9 | 49.6 | 60.2 | 60.0 | 48.6 | 46.6 | 51.7 | 51.9 | 64.8 | 46.9 | 55.8 | 100 | −6 | 45 | 44 | 45 | 45 | 45 | 75 | 80 | 59 | 61 | 69 |

## KETCHIKAN, ALASKA

[$\phi$=55°21′N.; $\lambda$=131°39′W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.87 | 29.89 | 30.48 | 29.23 | 42.3 | 40.8 | 41.4 | 43.6 | 39.2 | 38.8 | 39.4 | 40.8 | 47.3 | 37.5 | 42.4 | 58 | 25 | 35 | 36 | 37 | 37 | 36 | 78 | 85 | 85 | 79 | 82 |
| February | 29.96 | 29.99 | 30.54 | 29.28 | 37.9 | 36.6 | 38.8 | 42.7 | 36.0 | 34.9 | 36.6 | 39.0 | 44.0 | 33.5 | 38.8 | 50 | 21 | 33 | 33 | 34 | 34 | 33 | 83 | 85 | 82 | 72 | 81 |
| March | 29.82 | 29.84 | 30.17 | 29.24 | 38.4 | 37.2 | 39.8 | 42.6 | 36.2 | 35.3 | 37.2 | 38.6 | 44.9 | 34.1 | 39.5 | 60 | 23 | 33 | 32 | 33 | 33 | 33 | 81 | 83 | 78 | 71 | 78 |
| April | 29.75 | 29.77 | 30.18 | 29.20 | 43.2 | 40.8 | 44.5 | 47.8 | 40.3 | 38.8 | 41.1 | 42.7 | 50.4 | 37.5 | 44.0 | 60 | 30 | 37 | 36 | 37 | 37 | 37 | 79 | 85 | 76 | 68 | 77 |
| May | 29.95 | 29.97 | 30.28 | 29.60 | 49.4 | 46.7 | 53.2 | 55.8 | 47.1 | 45.4 | 49.0 | 50.3 | 59.0 | 44.8 | 51.9 | 78 | 35 | 45 | 44 | 45 | 45 | 45 | 85 | 91 | 76 | 70 | 80 |
| June | 29.98 | 30.00 | 30.27 | 29.48 | 53.5 | 49.9 | 57.9 | 60.3 | 51.1 | 48.7 | 53.0 | 53.8 | 62.7 | 48.9 | 55.8 | 77 | 43 | 49 | 48 | 49 | 48 | 48 | 85 | 92 | 73 | 66 | 79 |
| July | 30.03 | 30.05 | 30.36 | 29.66 | 60.2 | 55.4 | 63.1 | 67.3 | 55.8 | 53.5 | 57.4 | 58.3 | 69.8 | 53.7 | 61.8 | 81 | 45 | 53 | 52 | 53 | 52 | 52 | 77 | 89 | 71 | 59 | 74 |
| August | 30.04 | 30.06 | 30.28 | 29.76 | 58.0 | 56.1 | 60.7 | 64.4 | 55.7 | 53.8 | 57.0 | 57.9 | 67.2 | 53.3 | 60.2 | 88 | 47 | 54 | 53 | 54 | 54 | 54 | 86 | 92 | 81 | 70 | 82 |
| September | 30.02 | 30.04 | 30.42 | 29.55 | 54.1 | 51.9 | 57.8 | 61.2 | 52.1 | 50.2 | 53.6 | 54.6 | 63.6 | 49.6 | 56.6 | 79 | 43 | 50 | 48 | 50 | 49 | 49 | 88 | 89 | 77 | 68 | 81 |
| October | 29.83 | 29.85 | 30.35 | 29.04 | 47.4 | 46.6 | 48.2 | 49.6 | 45.4 | 44.8 | 46.1 | 46.7 | 51.9 | 43.2 | 47.6 | 56 | 34 | 43 | 43 | 44 | 44 | 43 | 87 | 88 | 86 | 80 | 85 |
| November | 29.67 | 29.69 | 30.11 | 28.80 | 37.0 | 36.2 | 38.0 | 39.3 | 35.3 | 34.6 | 35.7 | 36.3 | 42.4 | 32.6 | 37.5 | 51 | 22 | 33 | 32 | 32 | 32 | 32 | 84 | 85 | 80 | 75 | 81 |
| December | 29.68 | 29.70 | 30.12 | 29.11 | 35.2 | 34.1 | 35.5 | 36.0 | 33.8 | 33.2 | 34.4 | 34.6 | 39.1 | 30.7 | 34.9 | 52 | 19 | 32 | 32 | 33 | 32 | 32 | 87 | 91 | 90 | 86 | 88 |
| Year | 29.88 | 29.90 | 30.54 | 28.80 | 46.4 | 44.3 | 48.2 | 50.9 | 44.0 | 42.7 | 45.0 | 46.1 | 53.5 | 41.6 | 47.6 | 88 | 19 | 41 | 41 | 42 | 41 | 41 | 83 | 88 | 80 | 72 | 81 |

## KEY WEST, FLA.

Airport [$\phi$=24°35′ N.; $\lambda$=81°41′ W.] City [$\phi$=24°33′ N.; $\lambda$=81°48′ W.

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.07 | 30.09 | 30.32 | 29.84 | 66.0 | 65.5 | 70.1 | 67.4 | 63.0 | 62.6 | 64.8 | 63.8 | 73.6 | 63.0 | 68.3 | 85 | 52 | 61 | 61 | 62 | 62 | 61 | 85 | 85 | 75 | 82 | 82 |
| February | 29.97 | 29.99 | 30.26 | 29.43 | 64.9 | 63.9 | 68.6 | 65.4 | 61.2 | 60.6 | 63.0 | 61.2 | 72.3 | 61.2 | 66.8 | 84 | 51 | 59 | 58 | 60 | 58 | 59 | 81 | 82 | 73 | 78 | 79 |
| March | 29.95 | 29.98 | 30.25 | 29.71 | 69.9 | 69.8 | 73.3 | 71.3 | 66.7 | 66.4 | 68.4 | 67.5 | 77.7 | 66.7 | 72.2 | 84 | 51 | 65 | 64 | 66 | 65 | 65 | 84 | 84 | 78 | 82 | 82 |
| April | 30.01 | 30.03 | 30.19 | 29.84 | 71.9 | 72.8 | 77.1 | 73.8 | 67.4 | 67.8 | 69.3 | 68.1 | 80.5 | 69.5 | 75.0 | 87 | 63 | 65 | 65 | 65 | 65 | 65 | 79 | 77 | 68 | 75 | 75 |
| May | 29.97 | 29.99 | 30.11 | 29.83 | 77.0 | 79.3 | 81.7 | 79.0 | 72.6 | 73.4 | 74.2 | 73.1 | 85.3 | 74.5 | 79.9 | 88 | 70 | 71 | 71 | 71 | 70 | 71 | 81 | 76 | 70 | 75 | 76 |
| June | 29.94 | 29.96 | 30.11 | 29.73 | 81.2 | 82.4 | 84.1 | 82.7 | 77.6 | 78.3 | 78.4 | 77.9 | 87.6 | 77.3 | 82.4 | 90 | 69 | 76 | 77 | 76 | 76 | 76 | 85 | 83 | 78 | 81 | 82 |
| July | 30.04 | 30.06 | 30.16 | 29.88 | 83.1 | 84.4 | 86.4 | 84.3 | 78.3 | 78.6 | 79.3 | 78.6 | 90.2 | 80.2 | 85.2 | 92 | 76 | 77 | 76 | 77 | 76 | 77 | 81 | 77 | 73 | 78 | 77 |
| August | 29.98 | 30.00 | 30.13 | 29.84 | 82.3 | 83.2 | 86.1 | 83.3 | 77.6 | 77.8 | 79.3 | 78.1 | 89.7 | 79.8 | 84.8 | 92 | 76 | 76 | 76 | 77 | 76 | 76 | 81 | 79 | 74 | 79 | 78 |
| September | 29.94 | 29.96 | 30.09 | 29.80 | 81.8 | 82.4 | 85.7 | 83.2 | 77.8 | 77.9 | 79.4 | 78.2 | 88.5 | 78.4 | 83.4 | 91 | 72 | 77 | 76 | 77 | 76 | 77 | 84 | 82 | 76 | 80 | 80 |
| October | 29.92 | 29.94 | 30.07 | 29.81 | 77.6 | 77.6 | 83.6 | 78.5 | 72.8 | 73.1 | 75.1 | 72.5 | 84.8 | 74.7 | 79.8 | 87 | 70 | 71 | 71 | 72 | 70 | 71 | 80 | 80 | 67 | 75 | 76 |
| November | 29.98 | 30.00 | 30.16 | 29.81 | 72.9 | 72.4 | 79.8 | 74.3 | 68.1 | 67.9 | 70.2 | 68.6 | 80.6 | 71.3 | 76.0 | 84 | 64 | 66 | 66 | 66 | 66 | 66 | 78 | 79 | 62 | 75 | 74 |
| December | 30.05 | 30.07 | 30.32 | 29.79 | 71.0 | 70.2 | 76.2 | 71.9 | 66.9 | 66.6 | 68.7 | 67.1 | 77.8 | 69.1 | 73.4 | 84 | 54 | 65 | 64 | 65 | 64 | 65 | 81 | 82 | 68 | 78 | 77 |
| Year | 29.98 | 30.01 | 30.32 | 29.43 | 75.0 | 75.3 | 79.4 | 76.3 | 70.8 | 70.9 | 72.5 | 71.2 | 82.4 | 72.1 | 77.3 | 92 | 51 | 69 | 69 | 70 | 69 | 69 | 82 | 80 | 72 | 78 | 78 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Kansas City, Mo., 963 feet; Key West, Fla., 21 feet.
[2] Airport data.

## KALISPELL, MONT.

[$H$=2,956 ft.; $H_b$=2,973 ft.; $H_t$=48 ft.; $H_r$=40 ft.; $H_a$=56 ft.]

| Month | Precipitation | | | | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | Cloudiness 0 to 10 | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 96° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.79 | 0.24 | 8.1 | 8.7 | 3.6 | w. | 13 | sw. | 0 | 1 | 4 | 26 | 11 | 6 | 23 | 8 | 0 | 22 | 11 | 8 | 5 | 23 | 0 | 0 | 29 | 9 | 0 |
| February | 1.48 | .57 | 25.0 | 8.0 | 4.4 | w. | 18 | n. | 0 | 2 | 6 | 20 | 14 | 8 | 23 | 13 | 0 | 6 | 2 | 2 | 1 | 13 | 0 | 0 | 28 | 4 | 0 |
| March | .49 | .17 | 5.4 | 7.2 | 5.2 | w. | 20 | sw. | 0 | 4 | 7 | 20 | 8 | 6 | 14 | 6 | 1 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 27 | 0 | 1 |
| April | 1.43 | .54 | 1.0 | 6.8 | 6.4 | w. | 26 | n. | 0 | 5 | 9 | 16 | 11 | 7 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 3 |
| May | 3.92 | .90 | T | 7.6 | 6.3 | w. | 20 | sw. | 0 | 2 | 9 | 20 | 19 | 13 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 7 |
| June | 4.13 | 1.09 | .0 | 7.5 | 5.8 | w. | 21 | sw. | 0 | 3 | 8 | 19 | 18 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| July | 2.72 | .72 | .0 | 3.7 | 6.2 | w. | 25 | sw. | 0 | 15 | 11 | 5 | 14 | 10 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| August | .90 | .63 | .0 | 3.4 | 5.8 | w. | 20 | w. | 0 | 19 | 7 | 5 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| September | .31 | .18 | .0 | 5.3 | 5.5 | w. | 22 | w. | 0 | 11 | 9 | 10 | 4 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 |
| October | .74 | .33 | T | 6.8 | 5.1 | nw. | 20 | w. | 0 | 7 | 7 | 17 | 9 | 5 | 3 | 0 | 0 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| November | 2.39 | .44 | 22.1 | 8.9 | 4.9 | nw. | 20 | sw. | 0 | 1 | 4 | 25 | 15 | 11 | 19 | 11 | 0 | 3 | 3 | 3 | 4 | 11 | 0 | 0 | 27 | 0 | 0 |
| December | 1.51 | .38 | 18.5 | 9.1 | 4.4 | w. | 27 | sw. | 0 | 0 | 5 | 26 | 18 | 10 | 21 | 11 | 0 | 10 | 5 | 3 | 2 | 11 | 0 | 0 | 27 | 0 | 0 |
| Year | 20.81 | 1.09 | 80.1 | 6.9 | 5.3 | w. | 27 | sw. | 0 | 70 | 86 | 209 | 145 | 97 | 111 | 54 | 10 | 48 | 26 | 20 | 12 | 58 | 1 | 0 | 160 | 13 | 40 |

## KANSAS CITY, MO.

Airport [$H$=743 ft.; $H_b$=750 ft.; $H_t$=39 ft.; $H_r$=3 ft.; $H_a$=76 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.14 | 0.20 | 0.6 | 4.3 | 10.9 | sw. | 32 | nw. | 3 | 14 | 9 | 8 | 2 | 1 | 5 | 1 | 0 | 7 | 5 | 0 | 2 | 11 | 0 | 0 | 24 | 2 | 0 |
| February | 3.16 | 1.28 | 5.1 | 7.2 | 10.5 | nw. | 33 | nw. | 1 | 5 | 7 | 16 | 14 | 9 | 16 | 8 | 0 | 6 | 1 | 1 | 1 | 4 | 0 | 0 | 24 | 0 | 3 |
| March | 2.62 | 1.33 | T | 6.1 | 13.0 | nw. | 41 | nw. | 5 | 10 | 5 | 16 | 6 | 5 | 5 | 0 | 1 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 11 | 0 | 5 |
| April | 4.58 | 2.43 | .0 | 5.8 | 13.1 | s. | 37 | sw. | 5 | 9 | 8 | 13 | 9 | 6 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| May | 3.68 | 1.09 | .0 | 5.9 | 11.5 | sw. | 32 | sw. | 1 | 9 | 10 | 12 | 12 | 10 | 0 | 0 | 1 | 6 | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 8 |
| June | 7.35 | 2.51 | .0 | 6.7 | 9.5 | se. | 50 | nw. | 3 | 5 | 11 | 14 | 19 | 16 | 0 | 0 | 0 | 6 | 0 | 0 | 1 | 0 | 7 | 1 | 0 | 0 | 14 |
| July | 2.69 | 1.47 | .0 | 3.8 | 10.5 | sw. | 30 | nw. | 0 | 14 | 15 | 2 | 5 | 4 | 0 | 0 | 0 | 3 | 0 | 1 | 2 | 0 | 20 | 10 | 0 | 0 | 8 |
| August | 5.80 | 2.53 | .0 | 4.9 | 8.7 | sw. | 37 | nw. | 1 | 14 | 7 | 10 | 9 | 9 | 0 | 0 | 0 | 7 | 0 | 1 | 1 | 0 | 7 | 1 | 0 | 0 | 7 |
| September | 3.15 | 1.12 | .0 | 5.4 | 10.5 | sw. | 40 | nw. | 1 | 10 | 10 | 10 | 11 | 8 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 4 |
| October | 2.68 | 1.84 | .0 | 4.1 | 8.9 | sw. | 32 | sw. | 1 | 15 | 7 | 9 | 5 | 4 | 0 | 0 | 0 | 8 | 3 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 1 |
| November | 2.74 | .99 | .1 | 6.5 | 12.1 | sw. | 40 | sw. | 5 | 9 | 4 | 17 | 12 | 10 | 5 | 2 | 0 | 5 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 0 | 4 |
| December | 2.43 | 1.21 | 10.0 | 6.5 | 9.9 | ne. | 30 | nw. | 0 | 8 | 8 | 15 | 8 | 6 | 14 | 6 | 0 | 10 | 2 | 3 | 1 | 7 | 0 | 0 | 27 | 0 | 1 |
| Year | 41.02 | 2.53 | 15.8 | 5.6 | 10.8 | sw. | 50 | nw. | 26 | 122 | 101 | 142 | 112 | 88 | 45 | 17 | 2 | 70 | 17 | 11 | 14 | 23 | 41 | 13 | 96 | 2 | 59 |

## KETCHIKAN, ALASKA

[$H$=10 ft.; $H_b$=20 ft.; $H_t$=69 ft.; $H_r$=57 ft.; $H_a$=90 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 14.77 | 3.25 | T | 9.0 | 9.0 | se. | 35 | se. | 4 | 2 | 2 | 27 | 24 | 22 | 2 | 0 | 0 | 7 | 3 | 2 | 1 | 0 | 0 | 0 | 8 | 0 | 0 |
| February | 5.72 | 2.49 | 1.6 | 7.6 | 5.8 | se. | 33 | s. | 1 | 5 | 3 | 20 | 16 | 8 | 3 | 2 | 0 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 10 | 0 | 0 |
| March | 15.25 | 2.36 | 6.1 | 9.1 | 8.1 | se. | 28 | se. | 0 | 0 | 3 | 28 | 25 | 24 | 14 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 1 |
| April | 14.00 | 2.93 | T | 8.2 | 8.5 | se. | 27 | se. | 0 | 3 | 3 | 24 | 21 | 17 | 3 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| May | 6.72 | 1.35 | .0 | 8.1 | 6.7 | se. | 27 | se. | 0 | 3 | 6 | 22 | 16 | 16 | 0 | 0 | 2 | 4 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 2.33 | .61 | .0 | 8.3 | 6.0 | se. | 21 | se. | 0 | 2 | 5 | 23 | 16 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| July | 2.70 | .72 | .0 | 6.8 | 6.8 | w. | 23 | se. | 0 | 7 | 6 | 18 | 10 | 9 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | 5.18 | 1.65 | .0 | 7.3 | 8.5 | se. | 22 | nw. | 0 | 4 | 9 | 18 | 15 | 14 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 8.05 | 3.44 | .0 | 6.5 | 6.3 | se. | 24 | nw. | 0 | 8 | 8 | 14 | 13 | 11 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 25.82 | 6.00 | .0 | 9.2 | 8.6 | se. | 34 | se. | 2 | 0 | 3 | 28 | 26 | 25 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 22.58 | 6.33 | 6.1 | 7.9 | 7.2 | se. | 29 | se. | 0 | 4 | 4 | 22 | 20 | 20 | 13 | 9 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 1 |
| December | 16.02 | 3.64 | 15.1 | 9.5 | 6.4 | se. | 31 | se. | 0 | 0 | 2 | 29 | 26 | 26 | 20 | 15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 17 | 0 | 0 |
| Year | 139.14 | 6.33 | 28.9 | 8.1 | 7.2 | se. | 35 | se. | 7 | 38 | 54 | 273 | 228 | 203 | 55 | 35 | 6 | 25 | 13 | 10 | 5 | 1 | 0 | 0 | 61 | 0 | 3 |

## KEY WEST, FLA.

Airport [$H$=7 ft.; $H_b$=11 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=75 ft.] City [$H$=5 ft.; $H_b$=21 ft.; $H_t$=10 ft.; $H_r$=3 ft.; $H_a$=64 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.38 | 1.22 | 0.0 | 5.4 | 9.9 | ne. | 27 | nw. | 0 | 11 | 10 | 10 | 9 | 7 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| February | 1.46 | .90 | .0 | 4.4 | 11.4 | ne. | 35 | w. | 2 | 14 | 9 | 5 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| March | 2.74 | 1.14 | .0 | 4.4 | 11.7 | se. | 34 | nw. | 3 | 13 | 11 | 7 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 2 |
| April | 4.15 | 3.90 | .0 | 3.6 | 10.8 | e. | 23 | nw. | 0 | 16 | 10 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| May | 1.07 | .88 | .0 | 3.6 | 8.6 | e. | 24 | se. | 0 | 19 | 7 | 5 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| June | 9.10 | 3.68 | .0 | 5.8 | 8.0 | e. | 29 | se. | 0 | 10 | 8 | 12 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 8 |
| July | .33 | .13 | .0 | 4.5 | 9.6 | e. | 24 | e. | 0 | 7 | 23 | 1 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 11 |
| August | 1.53 | .67 | .0 | 5.4 | 10.2 | e. | 27 | se. | 0 | 5 | 21 | 5 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 9 |
| September | 2.79 | .81 | .0 | 5.1 | 9.1 | e. | 25 | se. | 0 | 6 | 21 | 3 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 9 |
| October | .95 | .40 | .0 | 2.5 | 8.4 | ne. | 21 | ne. | 0 | 25 | 5 | 1 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 1.74 | .97 | .0 | 3.9 | 10.8 | ne. | 22 | e. | 0 | 10 | 19 | 1 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | .79 | .40 | .0 | 5.7 | 10.2 | ne. | 27 | nw. | 0 | 9 | 11 | 11 | 4 | 3 | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 29.03 | 3.90 | .0 | 4.5 | 9.9 | e. | 35 | w. | 5 | 145 | 155 | 65 | 104 | 76 | 0 | 0 | 0 | 4 | 2 | 1 | 1 | 0 | 45 | 0 | 0 | 0 | 50 |

## KNOXVILLE, TENN.

[3] Airport [$\phi$=35°49′ N.; $\lambda$=83°59′ W.] City [$\phi$=35°58′ N.; $\lambda$=83°55′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 29.06 | 30.14 | 29.45 | 28.45 | 34.6 | 30.4 | 43.9 | 40.8 | 31.5 | 28.3 | 36.7 | 35.4 | 48.4 | 26.6 | 37.5 | 69 | 1 | 26 | 24 | 26 | 27 | 26 | 71 | 77 | 51 | 59 | 65 |
| February | 28.96 | 30.05 | 29.37 | 28.31 | 33.7 | 30.2 | 41.3 | 38.5 | 30.9 | 28.3 | 35.4 | 34.0 | 45.1 | 27.1 | 36.1 | 59 | 13 | 26 | 25 | 26 | 27 | 26 | 72 | 80 | 56 | 63 | 68 |
| March [3] | 28.88 | 29.95 | 29.16 | 28.26 | 45.9 | 41.3 | 58.3 | 54.0 | 41.6 | 38.7 | 47.8 | 45.5 | 62.1 | 38.3 | 50.2 | 81 | 22 | 36 | 36 | 37 | 36 | 36 | 70 | 80 | 47 | 54 | 63 |
| April | 29.04 | 30.10 | 29.34 | 28.54 | 55.1 | 51.5 | 71.9 | 67.2 | 48.6 | 46.8 | 55.1 | 53.5 | 75.5 | 47.6 | 61.6 | 92 | 28 | 42 | 42 | 40 | 41 | 41 | 61 | 71 | 33 | 41 | 52 |
| May | 28.99 | 30.03 | 29.21 | 28.69 | 62.4 | 60.2 | 75.3 | 72.2 | 57.5 | 56.9 | 62.2 | 61.5 | 79.6 | 56.0 | 67.8 | 89 | 43 | 54 | 54 | 53 | 54 | 54 | 76 | 82 | 50 | 56 | 66 |
| June | 28.94 | 29.97 | 29.16 | 28.74 | 71.0 | 70.8 | 83.6 | 80.1 | 67.2 | 67.2 | 70.3 | 70.3 | 87.7 | 65.7 | 76.7 | 95 | 52 | 65 | 65 | 64 | 66 | 65 | 83 | 83 | 53 | 63 | 70 |
| July | 29.02 | 30.06 | 29.20 | 28.86 | 72.2 | 72.5 | 85.7 | 80.3 | 69.5 | 69.6 | 73.3 | 72.1 | 89.0 | 68.5 | 78.8 | 96 | 63 | 68 | 68 | 68 | 69 | 68 | 88 | 87 | 56 | 69 | 75 |
| August | 29.02 | 30.05 | 29.28 | 28.84 | 69.4 | 68.0 | 82.0 | 76.9 | 67.6 | 66.5 | 71.1 | 70.3 | 84.9 | 65.2 | 75.0 | 97 | 55 | 67 | 66 | 66 | 67 | 66 | 91 | 92 | 60 | 73 | 79 |
| September | 29.03 | 30.08 | 29.42 | 28.64 | 63.7 | 60.8 | 76.9 | 71.7 | 61.3 | 59.4 | 65.0 | 64.7 | 80.7 | 57.8 | 69.2 | 92 | 37 | 60 | 59 | 58 | 60 | 59 | 87 | 92 | 54 | 69 | 76 |
| October | 29.01 | 30.06 | 29.28 | 28.56 | 54.2 | 50.0 | 69.3 | 63.0 | 51.7 | 48.8 | 57.3 | 55.7 | 72.3 | 47.6 | 60.0 | 83 | 29 | 50 | 48 | 48 | 50 | 49 | 86 | 92 | 49 | 64 | 73 |
| November | 29.07 | 30.14 | 29.36 | 28.68 | 47.4 | 43.1 | 42.8 | 53.8 | 43.3 | 40.8 | 49.4 | 47.0 | 62.3 | 40.1 | 51.2 | 78 | 22 | 39 | 38 | 39 | 39 | 39 | 72 | 82 | 51 | 60 | 66 |
| December | 29.04 | 30.12 | 29.46 | 28.25 | 37.0 | 35.1 | 43.2 | 40.8 | 35.0 | 33.7 | 38.9 | 37.6 | 47.2 | 30.6 | 38.9 | 71 | 13 | 32 | 31 | 33 | 33 | 32 | 82 | 86 | 69 | 74 | 78 |
| Year | 29.01 | 30.06 | 29.46 | 28.25 | 53.9 | 51.2 | 64.5 | 61.6 | 50.5 | 48.8 | 55.2 | 54.0 | 69.6 | 47.6 | 58.6 | 97 | 1 | 47 | 46 | 46 | 47 | 47 | 78 | 84 | 52 | 62 | 69 |

## LA CROSSE, WIS.

Airport [$\phi$=43°56′ N.; $\lambda$=91°17′ W.] City [$\phi$=43°49′ N.; $\lambda$=91°15′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.26 | 30.07 | 29.81 | 28.75 | 17.5 | 16.0 | 23.0 | 20.9 | 16.4 | 15.0 | 20.8 | 19.1 | 29.0 | 12.8 | 20.9 | 50 | −21 | 13 | 12 | 16 | 14 | 14 | 81 | 84 | 72 | 74 | 77 |
| February | 29.32 | 30.14 | 29.61 | 28.72 | 17.0 | 14.6 | 23.6 | 22.5 | 15.8 | 13.8 | 21.2 | 20.6 | 28.0 | 14.4 | 21.2 | 40 | −18 | 12 | 11 | 15 | 16 | 14 | 81 | 85 | 68 | 73 | 77 |
| March | 29.04 | 29.82 | 29.47 | 28.52 | 33.5 | 31.3 | 40.3 | 39.0 | 31.1 | 29.4 | 35.7 | 35.0 | 44.7 | 30.6 | 37.6 | 68 | 19 | 28 | 26 | 29 | 30 | 28 | 79 | 82 | 66 | 69 | 74 |
| April | 29.25 | 30.02 | 29.72 | 28.62 | 46.6 | 42.5 | 59.4 | 59.6 | 41.9 | 39.7 | 48.9 | 49.0 | 65.4 | 42.9 | 54.2 | 86 | 28 | 36 | 36 | 38 | 38 | 37 | 69 | 79 | 47 | 47 | 60 |
| May | 29.16 | 29.93 | 29.56 | 28.56 | 52.3 | 50.2 | 61.4 | 61.3 | 49.5 | 48.2 | 53.4 | 53.8 | 66.5 | 47.9 | 57.2 | 82 | 35 | 47 | 46 | 46 | 48 | 47 | 83 | 87 | 61 | 63 | 74 |
| June | 29.18 | 29.94 | 29.42 | 28.79 | 62.5 | 61.4 | 72.2 | 72.4 | 59.7 | 58.8 | 63.8 | 64.4 | 78.5 | 58.9 | 67.7 | 86 | 45 | 58 | 57 | 59 | 60 | 58 | 85 | 86 | 64 | 65 | 75 |
| July | 29.20 | 29.96 | 29.45 | 28.90 | 64.9 | 64.5 | 76.5 | 76.4 | 63.0 | 62.4 | 66.3 | 67.7 | 81.0 | 61.9 | 71.4 | 95 | 51 | 62 | 61 | 61 | 63 | 62 | 91 | 90 | 59 | 65 | 76 |
| August | 29.21 | 29.97 | 29.51 | 28.92 | 64.8 | 63.1 | 74.9 | 75.1 | 62.3 | 61.2 | 66.3 | 67.0 | 79.5 | 61.0 | 70.2 | 91 | 44 | 61 | 60 | 61 | 63 | 61 | 88 | 90 | 64 | 66 | 77 |
| September | 29.23 | 30.00 | 29.70 | 28.82 | 54.2 | 53.1 | 63.3 | 61.5 | 52.5 | 51.5 | 56.2 | 56.3 | 67.1 | 50.5 | 58.8 | 85 | 27 | 51 | 50 | 50 | 52 | 51 | 89 | 90 | 65 | 72 | 79 |
| October | 29.19 | 29.97 | 29.60 | 28.56 | 43.0 | 40.6 | 57.1 | 52.2 | 41.4 | 39.2 | 48.4 | 46.0 | 62.2 | 40.0 | 51.1 | 75 | 20 | 39 | 37 | 40 | 40 | 39 | 84 | 88 | 55 | 62 | 72 |
| November | 29.20 | 29.99 | 29.73 | 28.63 | 33.5 | 30.2 | 39.2 | 36.1 | 31.2 | 28.6 | 34.5 | 32.8 | 43.7 | 29.0 | 36.4 | 64 | 5 | 28 | 26 | 28 | 28 | 27 | 79 | 84 | 64 | 72 | 74 |
| December | 29.30 | 30.11 | 29.91 | 28.72 | 15.6 | 14.8 | 19.7 | 17.8 | 14.9 | 14.2 | 18.5 | 16.9 | 24.6 | 11.7 | 18.2 | 38 | −6 | 13 | 12 | 15 | 14 | 14 | 88 | 89 | 81 | 84 | 85 |
| Year | 29.21 | 29.99 | 29.91 | 28.52 | 42.2 | 40.2 | 50.9 | 49.6 | 40.0 | 38.5 | 44.5 | 44.0 | 55.7 | 38.5 | 47.1 | 95 | −21 | 37 | 36 | 38 | 39 | 38 | 83 | 86 | 64 | 68 | 75 |

## LANDER, WYO.

[$\phi$=42°50′ N.; $\lambda$=108°45′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 24.76 | 30.40 | 25.17 | 24.31 | 7.0 | 3.8 | 13.3 | 17.1 | 5.9 | 2.6 | 11.3 | 15.1 | 23.0 | −1.7 | 10.6 | 48 | −32 | 1 | −4 | 4 | 9 | 2 | 75 | 69 | 66 | 69 | 70 |
| February | 24.56 | 30.11 | 24.80 | 24.23 | 10.8 | 6.8 | 18.1 | 22.0 | 9.3 | 5.9 | 15.6 | 19.7 | 26.6 | 1.5 | 13.6 | 43 | −28 | 4 | 3 | 9 | 15 | 8 | 72 | 82 | 65 | 72 | 73 |
| March | 24.57 | 30.00 | 24.94 | 24.09 | 27.8 | 22.6 | 35.4 | 39.8 | 24.4 | 20.5 | 29.1 | 32.1 | 42.6 | 19.2 | 30.9 | 59 | 5 | 18 | 16 | 19 | 20 | 18 | 68 | 75 | 50 | 48 | 60 |
| April | 24.54 | 29.83 | 24.95 | 24.10 | 44.0 | 38.5 | 51.5 | 56.4 | 37.5 | 34.2 | 40.1 | 42.3 | 59.5 | 34.9 | 47.2 | 74 | 26 | 30 | 29 | 26 | 26 | 28 | 59 | 69 | 41 | 35 | 51 |
| May | 24.58 | 29.87 | 24.94 | 24.19 | 46.7 | 39.9 | 53.7 | 58.5 | 40.7 | 36.9 | 43.1 | 45.0 | 61.6 | 37.8 | 49.7 | 85 | 26 | 35 | 34 | 32 | 32 | 33 | 66 | 79 | 48 | 40 | 58 |
| June | 24.63 | 29.85 | 25.09 | 24.31 | 55.1 | 47.8 | 65.6 | 71.1 | 46.5 | 42.8 | 51.0 | 51.9 | 74.5 | 45.5 | 60.0 | 87 | 37 | 39 | 38 | 39 | 35 | 38 | 56 | 70 | 38 | 28 | 48 |
| July | 24.76 | 29.95 | 25.04 | 24.54 | 66.3 | 56.7 | 78.5 | 82.6 | 53.0 | 49.5 | 59.0 | 58.8 | 87.7 | 54.8 | 71.2 | 94 | 50 | 43 | 44 | 46 | 42 | 44 | 44 | 63 | 33 | 26 | 42 |
| August | 24.71 | 29.90 | 25.00 | 24.47 | 64.9 | 53.7 | 74.5 | 80.8 | 50.4 | 47.2 | 56.1 | 57.5 | 84.0 | 51.4 | 67.7 | 92 | 44 | 38 | 42 | 44 | 41 | 41 | 39 | 65 | 34 | 26 | 41 |
| September | 24.71 | 29.97 | 24.98 | 24.39 | 52.6 | 46.1 | 62.7 | 67.0 | 44.1 | 41.5 | 49.8 | 51.1 | 71.2 | 42.6 | 56.9 | 84 | 26 | 36 | 37 | 39 | 38 | 38 | 57 | 74 | 46 | 38 | 54 |
| October | 24.72 | 30.06 | 25.08 | 24.29 | 41.7 | 36.3 | 50.9 | 54.1 | 36.5 | 33.4 | 41.6 | 43.1 | 58.6 | 32.5 | 45.6 | 80 | 19 | 31 | 30 | 32 | 32 | 31 | 67 | 78 | 52 | 48 | 61 |
| November | 24.60 | 30.04 | 25.10 | 23.97 | 26.0 | 24.5 | 33.4 | 34.0 | 23.2 | 22.1 | 28.8 | 29.6 | 42.2 | 16.7 | 29.4 | 67 | −5 | 19 | 18 | 22 | 23 | 21 | 76 | 77 | 66 | 67 | 71 |
| December | 24.60 | 30.07 | 25.00 | 24.17 | 25.5 | 21.1 | 30.4 | 32.4 | 22.2 | 18.8 | 25.9 | 27.5 | 39.9 | 15.0 | 27.4 | 57 | −6 | 16 | 14 | 18 | 20 | 17 | 66 | 73 | 60 | 59 | 64 |
| Year | 24.65 | 30.00 | 25.17 | 23.97 | 39.0 | 33.2 | 47.3 | 51.3 | 32.8 | 29.6 | 37.6 | 39.5 | 55.9 | 29.2 | 42.5 | 94 | −32 | 26 | 25 | 28 | 28 | 27 | 62 | 73 | 50 | 46 | 58 |

## LANSING, MICH.

Airport [$\phi$=42°47′ N.; $\lambda$=84°36′ W.] City [$\phi$=42°44′ N.; $\lambda$=84°29′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.05 | 30.03 | 29.48 | 28.06 | 21.3 | 20.6 | 27.5 | 24.3 | 20.0 | 19.6 | 25.4 | 22.7 | 29.6 | 16.9 | 23.2 | 48 | −9 | 17 | 17 | 21 | 19 | 19 | 82 | 87 | 76 | 79 | 81 |
| February | 29.07 | 30.06 | 29.44 | 28.48 | 17.8 | 16.4 | 24.3 | 21.5 | 17.0 | 15.8 | 22.5 | 20.1 | 27.2 | 14.0 | 20.6 | 39 | −2 | 15 | 14 | 18 | 17 | 16 | 88 | 90 | 76 | 79 | 83 |
| March | 28.88 | 29.85 | 29.29 | 27.85 | 33.0 | 31.4 | 39.2 | 36.5 | 31.3 | 29.9 | 34.9 | 33.3 | 43.6 | 29.9 | 36.8 | 57 | 21 | 29 | 27 | 29 | 29 | 28 | 83 | 84 | 67 | 73 | 77 |
| April | 29.12 | 30.08 | 29.45 | 28.65 | 44.8 | 44.0 | 60.1 | 56.4 | 40.8 | 40.0 | 48.8 | 47.3 | 63.3 | 39.6 | 51.4 | 84 | 27 | 36 | 36 | 38 | 38 | 37 | 73 | 73 | 47 | 54 | 62 |
| May | 29.04 | 29.98 | 29.38 | 28.62 | 53.4 | 53.4 | 65.0 | 62.4 | 50.2 | 49.9 | 56.2 | 55.2 | 67.5 | 48.5 | 58.0 | 87 | 36 | 48 | 47 | 50 | 50 | 48 | 82 | 80 | 60 | 65 | 72 |
| June | 29.04 | 29.97 | 29.35 | 28.68 | 61.2 | 63.3 | 75.1 | 71.9 | 58.7 | 59.8 | 65.4 | 64.4 | 76.5 | 57.4 | 67.0 | 88 | 43 | 57 | 58 | 60 | 60 | 59 | 87 | 82 | 60 | 68 | 74 |
| July | 29.06 | 30.00 | 29.24 | 28.85 | 63.6 | 66.0 | 78.8 | 75.9 | 60.7 | 63.0 | 67.1 | 66.6 | 79.9 | 60.6 | 70.2 | 92 | 48 | 59 | 61 | 61 | 61 | 60 | 85 | 85 | 56 | 62 | 72 |
| August | 29.10 | 30.04 | 29.43 | 28.83 | 63.1 | 62.8 | 76.3 | 72.2 | 60.9 | 60.3 | 65.7 | 65.3 | 76.9 | 58.8 | 67.8 | 86 | 44 | 59 | 59 | 60 | 62 | 60 | 88 | 87 | 58 | 70 | 76 |
| September | 29.09 | 30.03 | 29.53 | 28.68 | 55.0 | 54.9 | 67.3 | 61.0 | 53.2 | 53.0 | 59.4 | 56.5 | 68.7 | 50.2 | 59.4 | 83 | 29 | 51 | 52 | 54 | 53 | 53 | 88 | 89 | 63 | 77 | 79 |
| October | 29.05 | 30.00 | 29.47 | 28.37 | 46.4 | 44.5 | 57.8 | 51.7 | 44.3 | 42.5 | 50.2 | 47.5 | 59.6 | 41.5 | 50.6 | 78 | 28 | 42 | 40 | 44 | 44 | 42 | 86 | 85 | 61 | 75 | 77 |
| November | 29.06 | 30.03 | 29.55 | 28.40 | 37.1 | 34.8 | 42.5 | 39.7 | 35.0 | 32.8 | 38.2 | 37.0 | 47.1 | 30.7 | 38.9 | 65 | 14 | 32 | 30 | 33 | 33 | 32 | 83 | 83 | 69 | 78 | 78 |
| December | 29.07 | 30.06 | 29.66 | 28.26 | 23.3 | 22.3 | 27.2 | 24.2 | 22.4 | 21.3 | 25.6 | 23.2 | 28.5 | 18.8 | 23.6 | 43 | −1 | 20 | 19 | 22 | 21 | 21 | 88 | 86 | 81 | 86 | 85 |
| Year | 29.05 | 30.01 | 29.66 | 27.85 | 43.3 | 42.9 | 53.4 | 49.8 | 41.2 | 40.7 | 46.6 | 44.9 | 55.7 | 38.9 | 47.3 | 92 | −9 | 39 | 38 | 41 | 41 | 40 | 84 | 84 | 64 | 72 | 76 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Knoxville, Tenn., 995 feet; La Crosse, Wis., 714 feet; Lansing, Mich., 878 feet.
[2] Airport data.
[3] Airport data beginning Mar. 1.

## KNOXVILLE, TENN.

Airport [$H$=950 ft.; $H_b$=980 ft.; $H_t$=27 ft.; $H_r$=35 ft.; $H_a$=53 ft.] City [$H$=921 ft.; $H_b$=995 ft.; $H_t$=66 ft.; $H_r$=57 ft.; $H_a$=84 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 4.25 | 1.50 | 1.9 | 6.1 | 5.8 | w. | 24 | w. | 0 | 8 | 10 | 13 | 10 | 8 | 7 | 1 | 0 | 3 | 1 | 1 | 1 | 4 | 0 | 0 | 21 | 0 | 0 |
| February | 3.72 | 1.51 | 8.7 | 7.0 | 7.1 | ne. | 37 | sw. | 1 | 5 | 7 | 16 | 9 | 8 | 9 | 2 | 0 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 22 | 0 | 1 |
| March | 5.02 | 1.31 | 13.0 | 6.5 | 8.8 | sw. | 35 | sw. | 2 | 8 | 6 | 17 | 12 | 12 | 3 | 3 | 0 | 12 | 4 | 4 | 2 | 0 | 0 | 0 | 8 | 0 | 4 |
| April | .84 | .66 | .0 | 3.8 | 7.5 | sw. | 34 | w. | 2 | 14 | 10 | 6 | 5 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 3 | 0 | 2 |
| May | 5.20 | 2.23 | .0 | 5.6 | 6.6 | ne. | 29 | w. | 0 | 9 | 13 | 9 | 14 | 13 | 0 | 0 | 0 | 10 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 9 |
| June | 2.04 | .65 | .0 | 4.5 | 7.2 | sw. | 32 | w. | 1 | 11 | 16 | 3 | 13 | 9 | 0 | 0 | 0 | 13 | 2 | 1 | 1 | 0 | 11 | 1 | 0 | 0 | 10 |
| July | 9.19 | 4.69 | .0 | 5.9 | 6.8 | sw. | 43 | nw. | 5 | 4 | 18 | 9 | 13 | 13 | 0 | 0 | 0 | 16 | 2 | 2 | 2 | 0 | 14 | 1 | 0 | 0 | 16 |
| August | 8.88 | 3.09 | .0 | 6.1 | 6.0 | ne. | 33 | sw. | 1 | 8 | 11 | 12 | 14 | 13 | 0 | 0 | 0 | 27 | 13 | 10 | 8 | 0 | 6 | 1 | 0 | 0 | 11 |
| September | 2.82 | 1.44 | .0 | 4.9 | 5.8 | ne. | 39 | w. | 1 | 12 | 10 | 8 | 9 | 6 | 0 | 0 | 0 | 21 | 10 | 8 | 5 | 0 | 3 | 0 | 0 | 0 | 3 |
| October | 3.12 | 1.03 | .0 | 4.8 | 6.1 | ne. | 27 | sw. | 0 | 11 | 13 | 7 | 8 | 7 | 0 | 0 | 0 | 25 | 10 | 8 | 7 | 0 | 0 | 0 | 2 | 0 | 3 |
| November | .97 | .40 | .0 | 5.1 | 7.2 | ne. | 35 | sw. | 1 | 12 | 6 | 12 | 5 | 3 | 0 | 0 | 0 | 9 | 3 | 2 | 2 | 0 | 0 | 0 | 6 | 0 | 1 |
| December | 8.30 | 1.84 | 6.1 | 7.0 | 8.5 | ne. | 38 | sw. | 2 | 5 | 10 | 16 | 17 | 13 | 3 | 2 | 0 | 18 | 13 | 8 | 3 | 1 | 0 | 0 | 17 | 0 | 1 |
| Year | 54.35 | 4.69 | 29.7 | 5.6 | 6.9 | ne. | 43 | nw. | 16 | 107 | 130 | 128 | 129 | 107 | 22 | 8 | 0 | 162 | 65 | 48 | 33 | 5 | 35 | 3 | 79 | 0 | 61 |

## LA CROSSE, WIS.

Airport [$H$=664 ft.; $H_b$=672 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=82 ft.] City [$H$=674 ft.; $H_b$=714 ft.; $H_t$=11 ft.; $H_r$=3 ft.; $H_a$=48 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.59 | 0.57 | 5.7 | 5.1 | 6.1 | s. | 21 | nw. | 0 | 12 | 7 | 12 | 3 | 1 | 7 | 2 | 0 | 11 | 1 | 1 | 2 | 13 | 0 | 0 | 29 | 9 | 0 |
| February | .93 | .70 | 11.8 | 7.3 | 4.9 | nw. | 15 | nw. | 0 | 5 | 6 | 17 | 5 | 2 | 15 | 5 | 0 | 12 | 1 | 0 | 1 | 17 | 0 | 0 | 27 | 4 | 0 |
| March | 2.76 | 1.09 | 2.8 | 8.2 | 6.3 | w. | 22 | w. | 0 | 3 | 5 | 23 | 14 | 11 | 15 | 8 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 3 |
| April | 1.28 | .57 | T | 5.3 | 6.3 | s. | 22 | s. | 0 | 10 | 10 | 10 | 7 | 6 | 3 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 6 |
| May | 5.92 | 1.02 | .0 | 7.5 | 4.8 | w. | 22 | s. | 0 | 4 | 6 | 21 | 14 | 14 | 0 | 0 | 1 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| June | 6.66 | 3.97 | .0 | 7.1 | 4.3 | s. | 15 | w. | 0 | 4 | 8 | 18 | 13 | 12 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| July | 4.12 | 1.04 | .0 | 6.3 | 4.1 | w. | 14 | sw. | 0 | 8 | 10 | 13 | 12 | 9 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 14 |
| August | 3.18 | 1.19 | .0 | 5.8 | 4.5 | s. | 13 | s. | 0 | 9 | 10 | 12 | 9 | 6 | 0 | 0 | 0 | 13 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 8 |
| September | 6.86 | 3.29 | .2 | 6.9 | 4.7 | s. | 20 | s. | 0 | 7 | 7 | 16 | 15 | 12 | 2 | 1 | 0 | 16 | 4 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 7 |
| October | 2.71 | 1.78 | T | 4.0 | 4.8 | w. | 17 | w. | 0 | 17 | 5 | 9 | 8 | 6 | 4 | 0 | 0 | 14 | 3 | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 1 |
| November | 2.68 | .68 | 10.8 | 7.3 | 6.2 | s. | 21 | w. | 0 | 3 | 10 | 17 | 9 | 9 | 7 | 4 | 0 | 10 | 3 | 0 | 0 | 5 | 0 | 0 | 22 | 0 | 0 |
| December | 1.86 | .68 | 10.1 | 7.9 | 5.6 | s. | 17 | s. | 0 | 4 | 4 | 23 | 8 | 6 | 19 | 6 | 0 | 13 | 0 | 0 | 0 | 26 | 0 | 0 | 31 | 5 | 0 |
| Year | 39.55 | 3.97 | 41.4 | 6.6 | 5.2 | s. | 22 | w. | 0 | 86 | 88 | 191 | 117 | 94 | 72 | 26 | 2 | 119 | 16 | 2 | 5 | 61 | 4 | 1 | 143 | 18 | 55 |

## LANDER, WYO.

[$H$=5,351 ft.; $H_b$=5,352 ft.; $H_t$=60 ft.; $H_r$=54 ft.; $H_a$=68 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.55 | 0.33 | 6.3 | 4.3 | 2.9 | sw. | 15 | sw. | 0 | 13 | 14 | 4 | 6 | 4 | 7 | 6 | 0 | 3 | 2 | 2 | 2 | 23 | 0 | 0 | 31 | 16 | 0 |
| February | 1.22 | .43 | 12.6 | 5.6 | 3.5 | sw. | 27 | w. | 0 | 8 | 11 | 9 | 9 | 8 | 11 | 9 | 0 | 1 | 0 | 0 | 0 | 21 | 0 | 0 | 28 | 12 | 0 |
| March | .80 | .54 | 8.3 | 4.7 | 5.0 | sw. | 21 | n. | 0 | 14 | 9 | 8 | 6 | 4 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 31 | 0 | 0 |
| April | 1.35 | .50 | 3.9 | 6.6 | 6.5 | sw. | 36 | sw. | 1 | 3 | 16 | 11 | 9 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| May | 4.24 | 1.26 | 28.0 | 6.6 | 6.1 | sw. | 30 | sw. | 0 | 5 | 13 | 13 | 11 | 7 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 4 |
| June | .04 | .04 | .0 | 5.1 | 5.7 | sw. | 30 | sw. | 0 | 9 | 14 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| July | .28 | .20 | .0 | 3.8 | 5.5 | sw. | 30 | nw. | 0 | 16 | 14 | 1 | 4 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 10 |
| August | .08 | .05 | .0 | 3.8 | 5.1 | sw. | 32 | sw. | 1 | 14 | 14 | 3 | 4 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 7 |
| September | 1.69 | 1.46 | 1.7 | 4.7 | 5.2 | sw. | 32 | w. | 1 | 11 | 11 | 8 | 5 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| October | 3.40 | 1.21 | 6.3 | 5.0 | 4.3 | sw. | 25 | sw. | 0 | 14 | 6 | 11 | 9 | 8 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 1 |
| November | 2.35 | .99 | 23.2 | 5.5 | 5.6 | sw. | 43 | sw. | 2 | 8 | 11 | 11 | 9 | 7 | 8 | 7 | 0 | 4 | 3 | 1 | 1 | 7 | 0 | 0 | 29 | 2 | 0 |
| December | .15 | .13 | 2.1 | 5.6 | 5.0 | sw. | 32 | w. | 1 | 6 | 20 | 5 | 2 | 1 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 30 | 3 | 0 |
| Year | 16.15 | 1.46 | 92.4 | 5.1 | 5.0 | sw. | 43 | sw. | 6 | 121 | 153 | 91 | 75 | 51 | 51 | 42 | 3 | 9 | 5 | 3 | 3 | 59 | 14 | 0 | 184 | 33 | 26 |

## LANSING, MICH.

Airport [$H$=859 ft.; $H_b$=874 ft. $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=43 ft.] City [$H$=856 ft.; $H_b$=878 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=90 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.15 | 0.99 | 13.9 | 7.4 | 10.0 | sw. | 29 | sw. | 0 | 5 | 7 | 19 | 13 | 7 | 14 | 11 | 0 | 7 | 5 | 2 | 2 | 12 | 0 | 0 | 30 | 6 | 0 |
| February | .84 | .23 | 10.1 | 7.7 | 8.7 | nw. | 22 | n. | 0 | 2 | 9 | 17 | 13 | 7 | 23 | 13 | 0 | 3 | 1 | 1 | 0 | 21 | 0 | 0 | 28 | 3 | 0 |
| March | 4.70 | 1.95 | 10.7 | 7.9 | 10.3 | nw. | 27 | sw. | 0 | 3 | 7 | 21 | 16 | 8 | 14 | 12 | 0 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 23 | 0 | 1 |
| April | .88 | .47 | 3.4 | 5.0 | 8.9 | s. | 28 | sw. | 0 | 11 | 11 | 8 | 6 | 5 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 1 |
| May | 5.25 | 1.18 | .0 | 6.9 | 8.3 | s. | 40 | nw. | 1 | 6 | 9 | 16 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | 4.48 | 1.84 | .0 | 6.0 | 6.5 | e. | 21 | nw. | 0 | 5 | 14 | 11 | 14 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| July | 4.33 | .90 | .0 | 4.7 | 6.6 | sw. | 21 | s. | 0 | 12 | 10 | 9 | 11 | 10 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 8 |
| August | 2.36 | .80 | .0 | 5.4 | 6.5 | s. | 21 | sw. | 0 | 10 | 10 | 11 | 9 | 6 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| September | 2.16 | .46 | T | 6.2 | 7.5 | s. | 23 | sw. | 0 | 6 | 13 | 11 | 13 | 11 | 2 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 1 |
| October | 3.36 | 1.27 | T | 5.7 | 8.2 | sw. | 32 | s. | 1 | 10 | 8 | 13 | 13 | 9 | 3 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 2 |
| November | 3.45 | .86 | 6.0 | 7.4 | 10.1 | sw. | 29 | s. | 0 | 7 | 5 | 18 | 14 | 12 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 19 | 0 | 1 |
| December | 3.06 | 1.29 | 13.0 | 8.1 | 9.5 | sw. | 27 | w. | 0 | 2 | 7 | 22 | 14 | 11 | 16 | 9 | 0 | 1 | 1 | 0 | 0 | 20 | 0 | 0 | 31 | 1 | 0 |
| Year | 37.02 | 1.95 | 57.1 | 6.5 | 8.4 | sw. | 40 | nw. | 2 | 79 | 110 | 176 | 149 | 105 | 86 | 54 | 0 | 22 | 14 | 7 | 4 | 60 | 2 | 0 | 146 | 10 | 33 |

## LINCOLN, NEBR.

Airport [$\phi$=40°51′ N.; $\lambda$=96°46′ W.] City [$\phi$=40°49′ N.; $\lambda$=96°42′ W.]

| Month | Pressure [2] | | | | Temperature (° F.) | | | | | | | | | | | | | Moisture | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | | Extremes | | Mean | | | | | | | | | | | Extremes | | Mean | | | | | | | | | |
| | | | Station level | | Dry bulb | | | | Wet bulb | | | | | | | | | Dew point | | | | | Relative humidity | | | | |
| | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 28.86 | 30.19 | 29.39 | 28.34 | 22.1 | 19.6 | 29.4 | 26.3 | 20.8 | 18.4 | 26.5 | 24.5 | 35.0 | 19.1 | 27.0 | 56 | −9 | 18 | 16 | 21 | 21 | 19 | 85 | 84 | 72 | 81 | 81 |
| February | 28.78 | 30.10 | 29.09 | 28.30 | 23.9 | 20.7 | 29.4 | 28.0 | 23.1 | 20.0 | 27.2 | 26.5 | 33.2 | 19.4 | 26.3 | 55 | 0 | 22 | 18 | 23 | 24 | 22 | 89 | 89 | 77 | 83 | 84 |
| March | 28.60 | 29.89 | 29.14 | 28.67 | 34.9 | 33.0 | 43.9 | 43.8 | 32.9 | 31.3 | 39.0 | 39.1 | 48.4 | 32.1 | 40.2 | 74 | 25 | 30 | 29 | 33 | 33 | 31 | 81 | 83 | 68 | 68 | 75 |
| April | 28.68 | 29.95 | 29.14 | 28.10 | 49.5 | 45.2 | 64.5 | 63.1 | 46.0 | 42.6 | 54.4 | 53.8 | 68.9 | 45.0 | 57.0 | 85 | 27 | 42 | 40 | 46 | 46 | 44 | 77 | 82 | 53 | 55 | 67 |
| May | 28.64 | 29.89 | 29.06 | 28.00 | 54.7 | 51.0 | 66.5 | 66.6 | 52.1 | 49.1 | 58.3 | 59.4 | 71.3 | 50.4 | 60.8 | 91 | 35 | 50 | 47 | 52 | 54 | 51 | 84 | 87 | 63 | 66 | 75 |
| June | 28.65 | 29.89 | 28.98 | 28.32 | 65.6 | 63.4 | 77.8 | 76.2 | 63.5 | 61.7 | 68.0 | 67.9 | 81.9 | 62.5 | 72.2 | 94 | 48 | 62 | 61 | 63 | 64 | 62 | 89 | 91 | 61 | 66 | 77 |
| July | 28.69 | 29.92 | 29.02 | 28.44 | 71.6 | 68.2 | 88.8 | 88.3 | 66.6 | 64.8 | 72.6 | 72.0 | 92.2 | 67.4 | 79.8 | 102 | 56 | 64 | 63 | 65 | 64 | 64 | 78 | 84 | 47 | 46 | 64 |
| August | 28.69 | 29.92 | 28.98 | 28.49 | 71.0 | 67.4 | 84.0 | 83.0 | 66.1 | 64.4 | 70.8 | 70.2 | 87.0 | 66.7 | 76.8 | 104 | 52 | 64 | 63 | 65 | 64 | 64 | 79 | 86 | 54 | 55 | 68 |
| September | 28.73 | 29.98 | 29.17 | 28.27 | 59.0 | 56.1 | 69.0 | 67.3 | 56.0 | 54.0 | 60.0 | 59.9 | 73.8 | 54.1 | 64.0 | 91 | 30 | 54 | 52 | 56 | 55 | 54 | 83 | 87 | 61 | 66 | 74 |
| October | 28.72 | 29.99 | 29.08 | 28.19 | 50.7 | 45.3 | 64.0 | 59.8 | 45.9 | 41.9 | 51.8 | 51.1 | 67.6 | 44.5 | 56.0 | 87 | 20 | 41 | 38 | 41 | 43 | 41 | 70 | 77 | 44 | 56 | 62 |
| November | 28.70 | 30.00 | 29.16 | 28.01 | 37.3 | 34.4 | 47.8 | 43.4 | 33.6 | 31.8 | 40.0 | 38.0 | 52.8 | 31.1 | 42.0 | 73 | 7 | 28 | 28 | 31 | 31 | 30 | 69 | 77 | 54 | 63 | 66 |
| December | 28.80 | 30.12 | 29.27 | 28.39 | 23.0 | 22.9 | 29.2 | 26.3 | 21.9 | 21.8 | 26.8 | 24.8 | 32.2 | 18.8 | 25.5 | 48 | 2 | 19 | 19 | 22 | 22 | 21 | 85 | 86 | 74 | 83 | 82 |
| Year | 28.71 | 29.99 | 29.39 | 28.00 | 46.9 | 43.9 | 57.9 | 56.0 | 44.0 | 41.8 | 49.6 | 48.9 | 62.0 | 42.6 | 52.3 | 104 | −9 | 41 | 40 | 43 | 43 | 42 | 81 | 84 | 61 | 66 | 73 |

## LITTLE ROCK, ARK.

[3] Airport [$\phi$=34°44′ N.; $\lambda$=92°14′ W.] City [$\phi$=34°45′ N.; $\lambda$=92°16′ W.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.81 | 30.20 | 30.30 | 29.08 | 35.1 | 31.7 | 44.6 | 41.6 | 32.2 | 29.9 | 38.4 | 36.5 | 49.1 | 30.4 | 39.8 | 73 | 6 | 28 | 27 | 30 | 30 | 29 | 74 | 83 | 59 | 63 | 70 |
| February | 29.66 | 30.07 | 30.01 | 29.01 | 38.9 | 35.5 | 45.4 | 45.3 | 36.7 | 34.0 | 40.3 | 41.0 | 49.6 | 34.3 | 42.0 | 67 | 20 | 34 | 32 | 34 | 36 | 34 | 81 | 85 | 64 | 69 | 75 |
| March | 29.54 | 29.93 | 30.02 | 29.12 | 49.6 | 45.1 | 60.0 | 59.6 | 44.8 | 42.2 | 49.9 | 50.3 | 64.5 | 43.7 | 54.1 | 80 | 32 | 39 | 39 | 40 | 41 | 40 | 69 | 79 | 50 | 53 | 63 |
| April [3] | 29.65 | 30.04 | 29.95 | 29.26 | 57.9 | 54.9 | 68.8 | 67.6 | 54.4 | 52.4 | 59.3 | 59.2 | 71.7 | 54.8 | 63.2 | 82 | 36 | 51 | 50 | 52 | 53 | 52 | 80 | 85 | 59 | 63 | 72 |
| May | 29.61 | 29.98 | 29.83 | 29.30 | 63.8 | 61.9 | 75.8 | 74.8 | 60.9 | 59.6 | 65.6 | 65.5 | 79.0 | 58.5 | 68.8 | 91 | 48 | 59 | 58 | 60 | 60 | 59 | 86 | 87 | 59 | 62 | 73 |
| June | 29.54 | 29.91 | 29.76 | 29.26 | 73.2 | 71.2 | 84.9 | 81.8 | 70.4 | 69.0 | 74.1 | 73.2 | 87.7 | 68.8 | 78.2 | 97 | 60 | 69 | 68 | 70 | 70 | 69 | 87 | 89 | 63 | 68 | 77 |
| July | 29.66 | 30.04 | 29.82 | 29.52 | 76.0 | 74.2 | 90.2 | 88.8 | 72.0 | 71.0 | 75.3 | 74.9 | 93.5 | 71.6 | 82.6 | 101 | 64 | 70 | 70 | 69 | 69 | 69 | 83 | 86 | 50 | 53 | 68 |
| August | 29.63 | 30.00 | 29.80 | 29.48 | 74.1 | 71.7 | 85.3 | 83.1 | 71.5 | 69.8 | 75.4 | 75.1 | 88.6 | 70.2 | 79.4 | 101 | 62 | 70 | 69 | 72 | 72 | 71 | 88 | 91 | 65 | 71 | 79 |
| September | 29.66 | 30.04 | 30.07 | 29.44 | 66.6 | 63.3 | 79.4 | 75.5 | 64.1 | 61.6 | 68.3 | 67.1 | 83.5 | 61.4 | 72.4 | 93 | 37 | 63 | 60 | 62 | 62 | 62 | 87 | 91 | 57 | 65 | 75 |
| October | 29.65 | 30.03 | 29.92 | 29.18 | 57.9 | 52.8 | 73.1 | 68.1 | 54.8 | 50.9 | 60.8 | 59.4 | 76.7 | 51.0 | 63.8 | 85 | 31 | 52 | 49 | 52 | 53 | 52 | 82 | 88 | 49 | 60 | 70 |
| November | 29.70 | 30.09 | 30.17 | 29.11 | 51.1 | 47.3 | 60.0 | 57.1 | 48.1 | 46.3 | 52.8 | 51.5 | 64.7 | 43.9 | 54.3 | 82 | 26 | 45 | 43 | 46 | 46 | 45 | 81 | 85 | 63 | 68 | 74 |
| December | 29.71 | 30.11 | 30.13 | 29.12 | 40.5 | 38.9 | 47.0 | 45.0 | 38.7 | 37.5 | 42.7 | 42.0 | 51.0 | 35.2 | 43.1 | 73 | 25 | 36 | 36 | 38 | 38 | 37 | 84 | 87 | 71 | 77 | 80 |
| Year | 29.65 | 30.04 | 30.30 | 29.01 | 57.1 | 54.0 | 67.9 | 65.7 | 54.0 | 51.9 | 58.6 | 58.0 | 71.6 | 52.0 | 61.8 | 101 | 6 | 51 | 50 | 52 | 52 | 52 | 82 | 86 | 59 | 64 | 73 |

## LOS ANGELES, CALIF.

[$\phi$=34°03′ N.; $\lambda$=118°14′ W.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.74 | 30.10 | 29.91 | 29.48 | ---- | 52.5 | 60.1 | 63.5 | ---- | 45.6 | 49.9 | 52.4 | 67.9 | 49.3 | 58.6 | 80 | 40 | ---- | 37 | 39 | 42 | 39 | ---- | 60 | 49 | 49 | 53 |
| February | 29.62 | 29.98 | 29.84 | 29.35 | ---- | 49.0 | 58.3 | 60.7 | ---- | 43.5 | 48.4 | 50.1 | 64.9 | 46.5 | 55.7 | 73 | 35 | ---- | 36 | 37 | 39 | 38 | ---- | 64 | 48 | 48 | 54 |
| March | 29.64 | 30.00 | 29.90 | 29.24 | ---- | 51.3 | ---- | 63.7 | ---- | 45.2 | ---- | 51.8 | 68.9 | 48.7 | 58.8 | 80 | 40 | ---- | 38 | ---- | 40 | 39 | ---- | 63 | ---- | 45 | 54 |
| April | 29.60 | 29.96 | 29.77 | 29.42 | ---- | 53.8 | ---- | 63.4 | ---- | 50.5 | ---- | 54.7 | 67.3 | 51.5 | 59.4 | 80 | 46 | ---- | 48 | ---- | 47 | 47 | ---- | 80 | ---- | 58 | 69 |
| May | 29.60 | 29.96 | 29.72 | 29.47 | ---- | 55.8 | ---- | 68.2 | ---- | 51.6 | ---- | 57.1 | 72.2 | 53.5 | 62.8 | 99 | 48 | ---- | 48 | ---- | 48 | 48 | ---- | 77 | ---- | 51 | 64 |
| June | 29.54 | 29.90 | 29.66 | 29.41 | ---- | 59.3 | ---- | 70.0 | ---- | 56.8 | ---- | 61.7 | 74.2 | 57.6 | 65.9 | 81 | 54 | ---- | 55 | ---- | 56 | 56 | ---- | 86 | ---- | 63 | 74 |
| July | 29.59 | 29.94 | 29.71 | 29.44 | ---- | 62.4 | ---- | 76.5 | ---- | 59.9 | ---- | 64.9 | 82.5 | 61.0 | 71.8 | 90 | 58 | ---- | 58 | ---- | 58 | 58 | ---- | 86 | ---- | 54 | 70 |
| August | 29.53 | 29.89 | 29.69 | 29.40 | ---- | 62.2 | ---- | 75.3 | ---- | 60.0 | ---- | 64.7 | 81.2 | 60.8 | 71.0 | 90 | 57 | ---- | 59 | ---- | 59 | 59 | ---- | 88 | ---- | 57 | 72 |
| September | 29.53 | 29.89 | 29.70 | 29.38 | ---- | 59.4 | ---- | 72.2 | ---- | 56.6 | ---- | 62.0 | 78.0 | 57.7 | 67.8 | 91 | 54 | ---- | 54 | ---- | 56 | 55 | ---- | 85 | ---- | 57 | 71 |
| October | 29.61 | 29.96 | 29.85 | 29.25 | ---- | 61.0 | ---- | 71.1 | ---- | 54.5 | ---- | 59.8 | 77.0 | 58.3 | 67.6 | 95 | 48 | ---- | 48 | ---- | 52 | 50 | ---- | 69 | ---- | 54 | 61 |
| November | 29.64 | 30.00 | 29.92 | 29.44 | ---- | 56.3 | ---- | 66.6 | ---- | 48.9 | ---- | 55.5 | 73.6 | 53.4 | 63.5 | 90 | 45 | ---- | 41 | ---- | 46 | 44 | ---- | 62 | ---- | 52 | 57 |
| December | 29.72 | 30.08 | 29.93 | 29.44 | ---- | 52.8 | ---- | 61.9 | ---- | 46.0 | ---- | 51.8 | 68.2 | 49.4 | 58.8 | 85 | 41 | ---- | 38 | ---- | 42 | 40 | ---- | 62 | ---- | 52 | 57 |
| Year | 29.61 | 29.97 | 29.93 | 29.24 | ---- | 56.3 | ---- | 67.8 | ---- | 51.6 | ---- | 57.2 | 73.0 | 54.0 | 63.5 | 99 | 35 | ---- | 47 | ---- | 49 | 48 | ---- | 74 | ---- | 53 | 63 |

## LOUISVILLE, KY.

Airport [$\phi$=38°13′ N.; $\lambda$=85°40′ W.] City [$\phi$=38°15′ N.; $\lambda$=85°45′ W.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.55 | 30.14 | 30.00 | 28.76 | 29.2 | 25.9 | 35.9 | 33.6 | 27.1 | 24.3 | 31.5 | 30.1 | 40.8 | 24.8 | 32.8 | 65 | −4 | 23 | 21 | 24 | 24 | 23 | 76 | 80 | 61 | 67 | 71 |
| February | 29.47 | 30.05 | 29.87 | 28.65 | 30.7 | 29.6 | 35.6 | 34.6 | 28.5 | 27.6 | 31.7 | 31.1 | 39.2 | 27.1 | 33.2 | 59 | 11 | 25 | 24 | 25 | 26 | 25 | 76 | 77 | 64 | 69 | 71 |
| March | 29.33 | 29.90 | 29.68 | 28.52 | 43.9 | 40.6 | 52.4 | 50.2 | 40.1 | 37.9 | 44.9 | 44.0 | 57.5 | 39.6 | 48.6 | 82 | 29 | 36 | 34 | 36 | 36 | 36 | 74 | 79 | 58 | 62 | 68 |
| April | 29.52 | 30.08 | 29.78 | 29.03 | 52.6 | 49.1 | 65.8 | 64.6 | 47.4 | 45.6 | 54.2 | 54.2 | 69.9 | 49.1 | 59.5 | 90 | 34 | 42 | 42 | 44 | 46 | 44 | 70 | 78 | 48 | 53 | 62 |
| May | 29.45 | 30.01 | 29.73 | 29.06 | 59.2 | 58.7 | 71.9 | 69.4 | 55.5 | 55.4 | 61.0 | 60.4 | 74.8 | 56.2 | 65.5 | 89 | 44 | 53 | 53 | 54 | 54 | 54 | 81 | 82 | 55 | 61 | 70 |
| June | 29.40 | 29.96 | 29.64 | 29.12 | 68.4 | 68.3 | 80.9 | 77.3 | 66.4 | 66.1 | 70.2 | 69.1 | 83.6 | 65.3 | 74.4 | 92 | 52 | 65 | 65 | 65 | 65 | 65 | 90 | 89 | 60 | 68 | 77 |
| July | 29.47 | 30.02 | 29.63 | 29.29 | 72.6 | 71.6 | 85.3 | 82.8 | 69.8 | 68.7 | 72.5 | 72.9 | 88.1 | 71.3 | 79.7 | 96 | 68 | 69 | 67 | 66 | 68 | 68 | 87 | 86 | 55 | 63 | 73 |
| August | 29.47 | 30.03 | 29.72 | 29.24 | 70.1 | 67.5 | 82.0 | 78.6 | 67.4 | 66.0 | 70.8 | 70.2 | 84.8 | 67.5 | 76.2 | 98 | 53 | 66 | 65 | 66 | 66 | 66 | 87 | 92 | 60 | 66 | 76 |
| September | 29.50 | 30.06 | 29.92 | 29.16 | 61.8 | 59.6 | 74.6 | 70.5 | 59.6 | 57.8 | 64.7 | 63.5 | 77.9 | 59.2 | 68.6 | 91 | 36 | 58 | 56 | 58 | 59 | 58 | 88 | 90 | 58 | 68 | 76 |
| October | 29.47 | 30.03 | 29.72 | 28.94 | 52.9 | 49.2 | 65.3 | 60.3 | 50.0 | 47.4 | 55.2 | 53.8 | 68.4 | 49.8 | 59.1 | 84 | 28 | 47 | 46 | 47 | 49 | 47 | 82 | 88 | 54 | 67 | 73 |
| November | 29.52 | 30.09 | 29.90 | 29.00 | 47.0 | 43.4 | 52.4 | 49.1 | 43.3 | 41.1 | 46.6 | 44.4 | 57.1 | 41.1 | 49.1 | 77 | 23 | 39 | 38 | 40 | 39 | 39 | 75 | 82 | 66 | 69 | 73 |
| December | 29.53 | 30.11 | 30.00 | 28.83 | 32.0 | 30.8 | 37.4 | 35.1 | 30.4 | 29.4 | 34.4 | 33.1 | 40.6 | 27.7 | 34.2 | 70 | 8 | 28 | 27 | 29 | 30 | 28 | 83 | 84 | 72 | 79 | 79 |
| Year | 29.47 | 30.04 | 30.00 | 28.52 | 51.7 | 49.5 | 61.6 | 58.8 | 48.8 | 47.3 | 53.1 | 52.2 | 65.2 | 48.2 | 56.7 | 98 | −4 | 46 | 45 | 46 | 47 | 46 | 81 | 84 | 59 | 66 | 72 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Lincoln, Nebr., 1,189 feet; Little Rock, Ark., 357 feet; Los Angeles, Calif., 338 feet; Louisville, Ky., 525 feet.

[2] Airport data.

[3] Airport data beginning Apr. 16.

## LINCOLN, NEBR.

Airport [$H$=1,189 ft.; $H_b$=1,189 ft.; $H_t$=11 ft.; $H_r$=4 ft.; $H_a$=81 ft.] City [$H$=1,189 ft.; $H_b$=1,211 ft.; $H_t$=8 ft.; $H_r$=4 ft.; $H_a$=44 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 96° or above | 32° or below | 0° or below | Thunderstorm |
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 0.27 | 0.25 | 2.8 | 4.4 | 9.4 | s. | 33 | nw. | 1 | 14 | 8 | 9 | 3 | 1 | 6 | 3 | 0 | 4 | 0 | 1 | 1 | 10 | 0 | 0 | 24 | 8 | 0 |
| February | .99 | .46 | 8.5 | 6.6 | 8.6 | n. | 25 | e. | 0 | 6 | 8 | 14 | 10 | 8 | 14 | 10 | 0 | 12 | 2 | 1 | 1 | 15 | 0 | 0 | 27 | 1 | 1 |
| March | 3.09 | 1.87 | .9 | 6.4 | 12.5 | nw. | 37 | nw. | 5 | 8 | 7 | 16 | 13 | 7 | 8 | 6 | 1 | 6 | 3 | 2 | 2 | 2 | 0 | 0 | 16 | 0 | 3 |
| April | .97 | .66 | .0 | 5.8 | 11.5 | s. | 41 | sw. | 1 | 5 | 15 | 10 | 5 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 2 |
| May | 4.59 | 1.55 | .0 | 6.5 | 10.2 | s. | 32 | sw. | 1 | 8 | 10 | 13 | 14 | 10 | 0 | 0 | 2 | 3 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 11 |
| June | 5.40 | 1.79 | .0 | 6.7 | 9.1 | s. | 44 | se. | 1 | 4 | 13 | 13 | 12 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 11 |
| July | 3.29 | 2.38 | .0 | 3.9 | 8.4 | s. | 29 | s. | 0 | 14 | 15 | 2 | 6 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 12 | 0 | 0 | 6 |
| August | 2.55 | 1.00 | .0 | 4.5 | 8.5 | s. | 28 | n. | 0 | 11 | 15 | 5 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 4 | 0 | 0 | 4 |
| September | 5.00 | 1.84 | .0 | 6.3 | 8.8 | s. | 35 | sw. | 2 | 7 | 8 | 15 | 13 | 10 | 0 | 0 | 0 | 4 | 1 | 0 | 2 | 0 | 3 | 0 | 2 | 0 | 2 |
| October | .76 | .58 | .0 | 3.8 | 8.3 | s. | 27 | nw. | 0 | 18 | 7 | 6 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 |
| November | .25 | .06 | .9 | 5.4 | 10.8 | s. | 31 | nw. | 0 | 10 | 10 | 10 | 8 | 4 | 5 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 |
| December | 1.66 | .58 | 10.0 | 7.6 | 8.8 | s. | 30 | n. | 0 | 3 | 10 | 18 | 7 | 5 | 11 | 6 | 0 | 2 | 1 | 2 | 0 | 18 | 0 | 0 | 30 | 0 | 0 |
| Year | 28.82 | 2.38 | 23.1 | 5.7 | 9.6 | s. | 44 | se. | 11 | 108 | 126 | 131 | 106 | 72 | 44 | 28 | 5 | 36 | 7 | 7 | 7 | 45 | 39 | 16 | 124 | 9 | 41 |

## LITTLE ROCK, ARK.

Airport [$H$=257 ft.; $H_b$=265 ft.; $H_t$=26 ft.; $H_r$=18 ft.; $H_a$=58 ft.; City [$H$=324 ft.; $H_b$=357 ft.; $H_t$=..... ft.; $H_r$=..... ft.; $H_a$=..... ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.72 | 2.02 | 2.7 | 4.7 | 8.2 | nw. | 27 | w. | 0 | 13 | 8 | 10 | 7 | 5 | 3 | 2 | 0 | 4 | 1 | 0 | 0 | 9 | 0 | 0 | 12 | 0 | 4 |
| February | 3.52 | 1.14 | .5 | 6.5 | 8.5 | se. | 30 | sw. | 0 | 6 | 9 | 13 | 9 | 8 | 4 | 1 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 3 |
| March | 4.14 | 2.06 | 3.0 | 5.3 | 9.7 | nw. | 27 | w. | 0 | 11 | 10 | 10 | 10 | 9 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| April | 10.76 | 4.50 | .0 | 6.2 | 8.8 | s. | 24 | se. | 0 | 6 | 11 | 13 | 13 | 11 | 0 | 0 | 0 | 8 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 9 |
| May | 3.76 | .81 | .0 | 5.6 | 8.1 | s. | 23 | w. | 0 | 9 | 16 | 6 | 9 | 9 | 0 | 0 | 1 | 11 | 2 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 10 |
| June | 3.94 | .72 | .0 | 5.9 | 7.0 | s. | 32 | nw. | 1 | 5 | 18 | 7 | 12 | 11 | 0 | 0 | 1 | 17 | 2 | 1 | 1 | 0 | 13 | 3 | 0 | 0 | 9 |
| July | .86 | .61 | .0 | 4.3 | 7.9 | sw. | 24 | nw. | 0 | 13 | 13 | 5 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 12 | 0 | 0 | 7 |
| August | 4.95 | 1.32 | .0 | 6.3 | 6.9 | e. | 32 | n. | 1 | 4 | 16 | 11 | 11 | 10 | 0 | 0 | 0 | 5 | 3 | 1 | 0 | 0 | 12 | 4 | 0 | 0 | 10 |
| September | 1.07 | .48 | .0 | 4.4 | 6.5 | sw. | 26 | n. | 0 | 15 | 7 | 8 | 9 | 5 | 0 | 0 | 0 | 14 | 1 | 3 | 1 | 0 | 8 | 0 | 0 | 0 | 3 |
| October | 3.34 | 2.47 | .0 | 4.5 | 6.4 | sw. | 30 | s. | 0 | 15 | 8 | 8 | 6 | 2 | 0 | 0 | 0 | 25 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| November | 2.76 | .70 | .0 | 5.8 | 8.9 | s. | 27 | s. | 0 | 10 | 8 | 12 | 11 | 10 | 0 | 0 | 0 | 13 | 6 | 4 | 3 | 0 | 0 | 0 | 3 | 0 | 3 |
| December | 4.71 | 1.16 | T | 7.2 | 8.7 | sw. | 32 | se. | 1 | 5 | 6 | 20 | 11 | 8 | 2 | 0 | 0 | 13 | 4 | 2 | 4 | 0 | 0 | 0 | 8 | 0 | 4 |
| Year | 46.53 | 4.50 | 6.2 | 5.6 | 8.0 | sw. | 32 | nw. | 3 | 112 | 130 | 123 | 111 | 91 | 12 | 6 | 5 | 116 | 28 | 15 | 13 | 9 | 58 | 19 | 38 | 0 | 66 |

## LOS ANGELES, CALIF.

[$H$=312 ft.; $H_b$=512 ft.; $H_t$=223 ft.; $H_r$=23o ft.; $H_a$=250 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.59 | 0.37 | T | 4.2 | 6.9 | ne. | 26 | e. | 0 | 13 | 13 | 5 | 3 | 3 | 1 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| February | 1.05 | .99 | T | 4.3 | 7.1 | ne. | 36 | e. | 1 | 13 | 9 | 6 | 4 | 2 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 1.26 | 1.03 | 0.0 | 3.4 | 7.3 | w. | 32 | w. | 2 | 17 | 9 | 5 | 2 | 2 | 0 | 0 | 0 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 2.44 | .62 | .0 | 6.4 | 7.4 | w. | 26 | w. | 0 | 7 | 11 | 12 | 11 | 9 | 0 | 0 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | T | T | .0 | 4.0 | 6.8 | w. | 20 | w. | 0 | 16 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 |
| June | T | T | .0 | 5.2 | 5.8 | w. | 18 | w. | 0 | 8 | 18 | 4 | 0 | 0 | 0 | 0 | 0 | 13 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | .00 | .00 | .0 | 2.6 | 5.7 | w. | 17 | w. | 0 | 25 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| August | .23 | .23 | .0 | 3.1 | 5.5 | w. | 17 | w. | 0 | 22 | 7 | 2 | 2 | 2 | 0 | 0 | 0 | 11 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| September | T | T | .0 | 2.9 | 5.4 | w. | 17 | w. | 0 | 18 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 7 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| October | .58 | .56 | .0 | 4.0 | 6.3 | w. | 29 | nw. | 0 | 15 | 11 | 5 | 2 | 1 | 0 | 0 | 0 | 6 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 |
| November | .24 | .16 | .0 | 3.2 | 6.2 | ne. | 24 | sw. | 0 | 19 | 7 | 4 | 4 | 4 | 0 | 0 | 0 | 8 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 1.01 | .79 | .0 | 3.5 | 6.5 | ne. | 33 | nw. | 1 | 19 | 6 | 6 | 4 | 3 | 0 | 0 | 0 | 11 | 6 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| Year | 7.40 | 1.03 | T | 3.9 | 6.4 | w. | 36 | e. | 4 | 192 | 119 | 54 | 32 | 26 | 2 | 0 | 0 | 93 | 40 | 15 | 13 | 0 | 6 | 1 | 0 | 0 | 3 |

## LOUISVILLE, KY.

Airport [$H$=539 ft.; $H_b$=545 ft.; $H_t$=5 ft.; $H_r$=5 ft.; $H_a$=54 ft.] City [$H$=457 ft.; $H_b$=525 ft.; $H_t$=106 ft.; $H_r$=6 ft.; $H_a$=120 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.58 | 1.27 | 5.2 | 5.1 | 10.0 | sw. | 34 | sw. | 1 | 15 | 4 | 12 | 8 | 5 | 7 | 2 | 0 | 2 | 0 | 0 | 1 | 9 | 0 | 0 | 18 | 2 | 0 |
| February | 2.58 | 1.06 | .1 | 7.5 | 9.3 | nw. | 31 | sw. | 0 | 6 | 4 | 18 | 8 | 5 | 15 | 3 | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 23 | 0 | 2 |
| March | 4.48 | 1.25 | T | 6.6 | 10.6 | sw. | 42 | s. | 2 | 6 | 9 | 16 | 14 | 12 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| April | 3.73 | 3.35 | T | 4.3 | 9.1 | sw. | 32 | sw. | 1 | 15 | 7 | 8 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| May | 3.43 | 1.07 | .0 | 5.9 | 8.7 | sw. | 29 | sw. | 0 | 9 | 10 | 12 | 10 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| June | 8.48 | 2.31 | .0 | 6.2 | 6.7 | sw. | 35 | nw. | 2 | 3 | 19 | 8 | 17 | 17 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 14 |
| July | 1.96 | 1.78 | .0 | 4.8 | 7.5 | sw. | 26 | sw. | 0 | 10 | 15 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 2 | 0 | 0 | 5 |
| August | 6.10 | 2.59 | .0 | 5.6 | 7.0 | sw. | 27 | sw. | 0 | 6 | 20 | 5 | 7 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 2 |
| September | 3.55 | 1.43 | .0 | 5.4 | 7.9 | sw. | 25 | sw. | 0 | 10 | 14 | 6 | 8 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| October | 1.80 | .85 | T | 6.0 | 7.6 | sw. | 33 | sw. | 1 | 8 | 11 | 12 | 8 | 7 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 1 |
| November | 5.99 | 1.90 | .0 | 6.7 | 10.3 | sw. | 38 | sw. | 1 | 8 | 6 | 16 | 15 | 11 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 2 |
| December | 4.80 | 1.43 | 7.1 | 8.0 | 9.1 | ne. | 34 | sw. | 1 | 5 | 4 | 22 | 14 | 12 | 8 | 5 | 0 | 0 | 4 | 2 | 2 | 5 | 0 | 0 | 21 | 0 | 1 |
| Year | 49.48 | 3.35 | 12.4 | 6.0 | 8.6 | sw. | 42 | s. | 9 | 101 | 123 | 141 | 119 | 92 | 37 | 10 | 0 | 11 | 11 | 4 | 3 | 20 | 25 | 4 | 74 | 2 | 37 |

## LYNCHBURG, VA.

[$\phi$=37°25′ N.; $\phi$=79°09′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.35 | 30.12 | 29.84 | 28.66 | ..... | 32.3 | 43.9 | 40.1 | ..... | 29.1 | 36.4 | 34.1 | 47.2 | 27.9 | 37.6 | 66 | 7 | .... | 24 | 25 | 24 | 24 | .... | 70 | 48 | 55 | 58 |
| February | 29.22 | 29.99 | 29.65 | 28.56 | ..... | 30.7 | 43.0 | 39.4 | ..... | 27.2 | 34.5 | 32.5 | 45.9 | 27.9 | 36.9 | 60 | 16 | .... | 20 | 19 | 20 | 20 | .... | 62 | 39 | 44 | 48 |
| March | 29.17 | 29.92 | 29.50 | 28.23 | ..... | 41.9 | 56.3 | 53.1 | ..... | 37.6 | 45.2 | 43.9 | 60.1 | 39.1 | 49.6 | 77 | 28 | .... | 32 | 32 | 32 | 32 | .... | 68 | 42 | 49 | 53 |
| April | 29.34 | 30.09 | 29.62 | 28.89 | ..... | 51.9 | 71.2 | 66.4 | ..... | 45.6 | 53.5 | 52.2 | 74.5 | 46.8 | 60.6 | 91 | 34 | .... | 39 | 37 | 39 | 38 | .... | 62 | 32 | 39 | 44 |
| May | 29.31 | 30.04 | 29.55 | 29.03 | ..... | 63.0 | 77.4 | 72.5 | ..... | 58.2 | 63.1 | 62.7 | 80.4 | 58.4 | 69.4 | 95 | 47 | .... | 55 | 54 | 56 | 55 | .... | 75 | 46 | 59 | 60 |
| June | 29.26 | 29.99 | 29.56 | 28.95 | ..... | 70.8 | 82.8 | 77.0 | ..... | 66.5 | 70.0 | 69.5 | 86.0 | 65.9 | 76.0 | 96 | 58 | .... | 64 | 64 | 66 | 65 | .... | 80 | 54 | 70 | 68 |
| July | 29.30 | 30.01 | 29.54 | 29.11 | ..... | 73.9 | 86.4 | 80.8 | ..... | 68.9 | 72.2 | 71.6 | 89.9 | 69.1 | 79.5 | 100 | 57 | .... | 67 | 66 | 68 | 67 | .... | 79 | 52 | 66 | 66 |
| August | 29.34 | 30.05 | 29.67 | 29.05 | ..... | 69.0 | 81.0 | 75.4 | ..... | 66.3 | 70.2 | 69.5 | 84.1 | 66.0 | 75.0 | 101 | 48 | .... | 65 | 65 | 67 | 65 | .... | 87 | 60 | 76 | 74 |
| September | 29.34 | 30.06 | 29.83 | 28.88 | ..... | 63.4 | 78.4 | 71.1 | ..... | 60.7 | 66.3 | 65.3 | 81.7 | 59.5 | 70.6 | 94 | 35 | .... | 59 | 60 | 62 | 60 | .... | 86 | 54 | 73 | 71 |
| October | 29.32 | 30.05 | 29.72 | 28.87 | ..... | 53.5 | 67.8 | 61.4 | ..... | 50.8 | 57.5 | 56.1 | 70.4 | 50.4 | 60.4 | 85 | 31 | .... | 48 | 50 | 52 | 50 | .... | 84 | 55 | 72 | 70 |
| November | 29.39 | 30.12 | 29.80 | 28.88 | ..... | 43.5 | 56.9 | 51.3 | ..... | 39.9 | 47.1 | 44.3 | 59.7 | 40.1 | 49.9 | 79 | 24 | .... | 35 | 36 | 36 | 36 | .... | 73 | 49 | 58 | 60 |
| December | 29.36 | 30.11 | 29.92 | 28.39 | ..... | 33.0 | 40.9 | 37.5 | ..... | 30.6 | 35.6 | 33.9 | 44.9 | 29.2 | 37.0 | 58 | 6 | .... | 26 | 27 | 28 | 27 | .... | 75 | 60 | 68 | 68 |
| Year | 29.31 | 30.04 | 29.92 | 28.23 | ..... | 52.2 | 65.5 | 60.5 | ..... | 48.4 | 54.3 | 53.0 | 68.7 | 48.4 | 58.5 | 101 | 6 | .... | 44 | 45 | 46 | 45 | .... | 75 | 49 | 61 | 62 |

## MACON, GA.

Airport [$\phi$=32°50′ N.; $\lambda$=83°34′ W.] City [$\phi$=32°50′ N.; $\lambda$=83°38′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.74 | 30.14 | 30.11 | 29.24 | 42.1 | 37.1 | 53.3 | 48.8 | 38.3 | 34.9 | 44.1 | 42.0 | 57.5 | 34.6 | 46.0 | 74 | 15 | 32 | 32 | 32 | 32 | 32 | 69 | 80 | 48 | 55 | 63 |
| February | 29.63 | 30.03 | 30.06 | 28.96 | 39.6 | 36.6 | 49.0 | 46.3 | 36.4 | 34.1 | 42.3 | 40.9 | 53.4 | 35.2 | 44.3 | 70 | 24 | 32 | 30 | 33 | 33 | 32 | 72 | 76 | 56 | 62 | 66 |
| March | 29.58 | 29.97 | 29.85 | 28.86 | 51.2 | 47.4 | 62.3 | 58.0 | 46.5 | 44.3 | 51.6 | 49.6 | 65.8 | 44.2 | 55.0 | 83 | 32 | 41 | 40 | 40 | 40 | 40 | 70 | 78 | 50 | 55 | 63 |
| April | 29.69 | 30.09 | 29.97 | 29.34 | 59.0 | 55.6 | 76.9 | 70.9 | 51.7 | 50.6 | 58.3 | 56.1 | 79.0 | 51.0 | 65.0 | 90 | 33 | 45 | 46 | 42 | 43 | 44 | 62 | 71 | 31 | 39 | 51 |
| May | 29.63 | 30.02 | 29.82 | 29.38 | 66.2 | 65.4 | 80.0 | 75.7 | 61.6 | 61.9 | 65.8 | 64.3 | 82.7 | 60.9 | 71.8 | 90 | 47 | 58 | 60 | 57 | 57 | 58 | 78 | 82 | 48 | 55 | 66 |
| June | 29.58 | 29.96 | 29.82 | 29.37 | 72.4 | 73.2 | 85.2 | 80.7 | 69.3 | 69.7 | 72.4 | 71.5 | 88.8 | 69.5 | 79.2 | 95 | 62 | 68 | 65 | 66 | 67 | 66 | 86 | 84 | 56 | 65 | 73 |
| July | 29.67 | 30.06 | 29.85 | 29.47 | 74.8 | 75.5 | 89.7 | 83.1 | 71.9 | 72.1 | 75.1 | 74.1 | 92.1 | 72.4 | 82.2 | 99 | 69 | 71 | 71 | 69 | 70 | 70 | 87 | 86 | 52 | 68 | 73 |
| August | 29.66 | 30.05 | 29.90 | 29.50 | 73.2 | 72.2 | 86.6 | 79.1 | 70.2 | 70.0 | 73.8 | 71.9 | 89.0 | 69.9 | 79.4 | 97 | 61 | 69 | 69 | 68 | 69 | 69 | 87 | 90 | 55 | 72 | 76 |
| September | 29.65 | 30.03 | 30.01 | 29.32 | 69.6 | 68.3 | 83.3 | 76.5 | 65.9 | 65.7 | 69.2 | 68.3 | 85.5 | 64.9 | 75.2 | 96 | 46 | 64 | 64 | 62 | 64 | 63 | 81 | 85 | 50 | 67 | 71 |
| October | 29.64 | 30.03 | 29.95 | 29.36 | 59.7 | 56.6 | 75.4 | 68.1 | 56.2 | 54.7 | 61.8 | 60.0 | 77.5 | 53.6 | 65.6 | 85 | 35 | 53 | 53 | 52 | 54 | 53 | 80 | 88 | 46 | 62 | 69 |
| November | 29.73 | 30.13 | 30.00 | 29.41 | 52.3 | 47.9 | 66.9 | 59.7 | 47.9 | 45.4 | 54.9 | 51.4 | 69.2 | 44.7 | 57.0 | 83 | 29 | 43 | 42 | 43 | 43 | 43 | 71 | 81 | 45 | 56 | 63 |
| December | 29.71 | 30.11 | 30.15 | 28.98 | 43.9 | 41.1 | 53.6 | 50.3 | 41.7 | 39.7 | 47.1 | 45.8 | 58.5 | 38.5 | 48.5 | 75 | 21 | 39 | 38 | 40 | 40 | 39 | 82 | 88 | 62 | 71 | 76 |
| Year | 29.66 | 30.05 | 30.15 | 28.86 | 58.7 | 56.4 | 71.8 | 66.4 | 54.8 | 53.6 | 59.7 | 58.0 | 74.9 | 53.3 | 64.1 | 99 | 15 | 51 | 51 | 50 | 51 | 51 | 77 | 82 | 50 | 61 | 68 |

## MADISON, WIS.

Airport [$\phi$=43°08′ N.; $\lambda$=89°20′ W.] City [$\phi$=43°05′ N.; $\lambda$=89°23′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 28.97 | 30.07 | 29.51 | 28.20 | 18.1 | 16.1 | 23.5 | 20.6 | 17.0 | 15.4 | 21.5 | 19.2 | 27.0 | 13.6 | 20.3 | 48 | −22 | 14 | 14 | 17 | 15 | 15 | 80 | 83 | 74 | 77 | 80 |
| February | 29.02 | 30.12 | 29.31 | 28.44 | 18.8 | 16.3 | 25.4 | 22.5 | 17.7 | 15.4 | 23.1 | 21.0 | 26.0 | 14.9 | 20.4 | 36 | −5 | 14 | 12 | 18 | 17 | 15 | 81 | 83 | 70 | 78 | 78 |
| March | 28.76 | 29.83 | 29.14 | 28.13 | 33.5 | 31.6 | 41.3 | 38.5 | 31.6 | 29.9 | 36.6 | 34.8 | 42.4 | 30.9 | 36.6 | 60 | 22 | 29 | 27 | 30 | 30 | 29 | 83 | 83 | 66 | 70 | 75 |
| April | 29.00 | 30.06 | 29.41 | 28.44 | 44.9 | 41.8 | 60.3 | 57.2 | 40.7 | 38.8 | 49.4 | 47.8 | 62.7 | 41.4 | 52.0 | 86 | 25 | 36 | 35 | 39 | 39 | 37 | 72 | 77 | 48 | 53 | 62 |
| May | 28.91 | 29.96 | 29.30 | 28.34 | 51.2 | 50.5 | 63.7 | 60.1 | 48.6 | 48.3 | 55.4 | 54.2 | 65.9 | 47.6 | 56.8 | 88 | 35 | 46 | 46 | 49 | 49 | 48 | 84 | 86 | 61 | 70 | 75 |
| June | 28.94 | 29.97 | 29.16 | 28.53 | 61.3 | 60.8 | 73.9 | 72.1 | 58.9 | 58.4 | 64.0 | 64.8 | 75.3 | 59.1 | 67.2 | 90 | 47 | 57 | 57 | 58 | 60 | 58 | 87 | 86 | 60 | 68 | 75 |
| July | 28.96 | 29.99 | 29.16 | 28.71 | 64.8 | 64.3 | 80.0 | 78.1 | 62.2 | 62.0 | 67.0 | 67.4 | 80.3 | 63.4 | 71.8 | 92 | 55 | 61 | 61 | 60 | 62 | 61 | 87 | 88 | 52 | 58 | 71 |
| August | 28.98 | 30.01 | 29.26 | 28.75 | 63.7 | 61.8 | 77.1 | 74.4 | 61.4 | 60.0 | 65.8 | 65.7 | 78.5 | 61.5 | 70.0 | 89 | 50 | 60 | 59 | 59 | 61 | 60 | 88 | 91 | 56 | 64 | 75 |
| September | 28.98 | 30.02 | 29.44 | 28.55 | 54.9 | 52.4 | 65.7 | 61.8 | 53.1 | 51.2 | 57.5 | 56.9 | 67.5 | 52.4 | 60.0 | 88 | 30 | 51 | 50 | 51 | 53 | 52 | 89 | 92 | 62 | 74 | 79 |
| October | 28.93 | 29.99 | 29.34 | 28.28 | 45.8 | 42.4 | 59.1 | 52.6 | 43.1 | 40.8 | 49.8 | 46.9 | 60.7 | 42.6 | 51.6 | 77 | 18 | 40 | 39 | 41 | 41 | 40 | 86 | 87 | 52 | 65 | 71 |
| November | 28.93 | 30.01 | 29.44 | 28.27 | 34.5 | 32.7 | 40.1 | 37.1 | 32.8 | 31.4 | 36.6 | 34.7 | 43.7 | 30.0 | 36.8 | 64 | 12 | 30 | 29 | 32 | 31 | 31 | 84 | 87 | 73 | 80 | 81 |
| December | 29.00 | 30.10 | 29.60 | 28.41 | 16.7 | 15.5 | 22.8 | 19.8 | 16.2 | 15.2 | 21.6 | 19.0 | 24.1 | 11.9 | 18.0 | 35 | −4 | 14 | 14 | 19 | 17 | 16 | 90 | 94 | 83 | 86 | 88 |
| Year | 28.95 | 30.01 | 29.60 | 28.13 | 42.4 | 40.5 | 52.7 | 49.6 | 40.3 | 38.9 | 45.7 | 44.4 | 54.5 | 39.1 | 46.8 | 92 | −22 | 38 | 37 | 39 | 40 | 38 | 84 | 87 | 63 | 70 | 76 |

## MARQUETTE, MICH.

[$\phi$=46°34′ N.; $\lambda$=87°24′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.14 | 29.97 | 29.54 | 28.61 | 19.6 | 18.8 | 22.6 | 20.5 | 18.1 | 17.3 | 20.2 | 18.9 | 27.1 | 14.2 | 20.6 | 52 | −15 | 14 | 14 | 15 | 15 | 14 | 78 | 78 | 71 | 77 | 76 |
| February | 29.28 | 30.12 | 29.61 | 28.61 | 18.9 | 18.5 | 22.6 | 20.8 | 17.8 | 17.6 | 20.8 | 19.4 | 25.2 | 15.3 | 20.2 | 39 | −6 | 15 | 15 | 17 | 16 | 16 | 83 | 85 | 76 | 79 | 81 |
| March | 29.04 | 29.85 | 29.44 | 28.36 | 29.8 | 27.9 | 33.6 | 32.6 | 27.6 | 26.3 | 30.8 | 30.2 | 36.3 | 25.8 | 31.0 | 44 | 13 | 24 | 23 | 26 | 26 | 25 | 78 | 82 | 75 | 79 | 78 |
| April | 29.23 | 30.04 | 29.72 | 28.49 | 44.7 | 43.7 | 52.4 | 49.9 | 38.8 | 38.9 | 43.1 | 42.1 | 57.6 | 39.2 | 48.4 | 85 | 24 | 32 | 35 | 33 | 34 | 33 | 62 | 68 | 52 | 55 | 59 |
| May | 29.17 | 29.98 | 29.52 | 28.59 | 46.0 | 46.8 | 52.9 | 51.1 | 42.8 | 43.2 | 46.1 | 45.3 | 59.0 | 39.8 | 49.4 | 86 | 31 | 39 | 39 | 39 | 39 | 39 | 78 | 77 | 62 | 66 | 71 |
| June | 29.16 | 29.96 | 29.44 | 28.69 | 56.6 | 57.4 | 63.3 | 61.9 | 52.8 | 53.3 | 55.3 | 55.3 | 68.2 | 51.6 | 59.9 | 89 | 41 | 50 | 50 | 49 | 50 | 50 | 79 | 78 | 62 | 68 | 72 |
| July | 29.16 | 29.96 | 29.41 | 28.80 | 60.2 | 62.5 | 70.0 | 66.1 | 56.2 | 57.8 | 61.0 | 59.0 | 73.5 | 55.5 | 64.5 | 93 | 45 | 53 | 54 | 55 | 54 | 54 | 79 | 75 | 61 | 68 | 71 |
| August | 29.18 | 29.97 | 29.47 | 28.74 | 61.3 | 61.1 | 71.7 | 68.1 | 57.9 | 57.6 | 62.0 | 61.2 | 74.3 | 57.5 | 65.9 | 99 | 45 | 56 | 55 | 56 | 57 | 56 | 82 | 82 | 60 | 69 | 73 |
| September | 29.18 | 29.98 | 29.59 | 28.57 | 52.5 | 51.4 | 59.2 | 55.6 | 49.6 | 48.7 | 53.0 | 51.8 | 62.7 | 47.9 | 55.3 | 84 | 31 | 47 | 46 | 48 | 49 | 47 | 82 | 83 | 68 | 79 | 78 |
| October | 29.11 | 29.92 | 29.60 | 28.43 | 45.0 | 43.7 | 54.1 | 48.8 | 41.7 | 41.1 | 46.7 | 43.7 | 56.2 | 40.0 | 48.1 | 77 | 21 | 38 | 38 | 40 | 38 | 39 | 77 | 80 | 60 | 70 | 72 |
| November | 29.13 | 29.94 | 29.68 | 28.32 | 32.0 | 29.8 | 36.7 | 33.3 | 29.6 | 28.0 | 32.8 | 30.5 | 39.7 | 26.7 | 33.2 | 60 | 10 | 26 | 25 | 27 | 26 | 26 | 76 | 81 | 67 | 73 | 74 |
| December | 29.20 | 30.03 | 29.82 | 28.36 | 19.8 | 19.7 | 22.3 | 20.1 | 18.4 | 18.4 | 20.3 | 18.5 | 25.0 | 16.0 | 20.5 | 34 | 1 | 15 | 15 | 15 | 14 | 15 | 79 | 81 | 72 | 75 | 77 |
| Year | 29.16 | 29.98 | 29.82 | 28.30 | 40.5 | 40.1 | 46.8 | 44.1 | 37.6 | 37.4 | 41.0 | 39.7 | 50.4 | 35.8 | 43.1 | 99 | −15 | 34 | 34 | 35 | 35 | 34 | 78 | 79 | 66 | 72 | 74 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Macon, Ga., 370 feet; Madison, Wis., 974 feet.
[2] Airport data.

## LYNCHBURG, VA.

[$H$=631 ft.; $H_b$=686 ft.; $H_t$=144 ft.; $H_r$=142 ft.; $H_a$=184 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 2.77 | 0.80 | 2.3 | 4.9 | 7.5 | nw. | 31 | nw. | 0 | 13 | 7 | 11 | 11 | 9 | 5 | 4 | 0 | 6 | 3 | 2 | 0 | 5 | 0 | 0 | 20 | 0 | 0 |
| February | 2.08 | 1.06 | .4 | 5.6 | 9.5 | nw. | 28 | nw. | 0 | 11 | 4 | 13 | 6 | 5 | 3 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| March | 3.25 | 1.00 | 2.5 | 5.9 | 10.0 | nw. | 35 | sw. | 5 | 10 | 8 | 13 | 14 | 9 | 2 | 1 | 0 | 5 | 4 | 3 | 2 | 0 | 0 | 0 | 4 | 0 | 1 |
| April | .79 | .78 | .0 | 4.0 | 7.8 | nw. | 34 | nw. | 1 | 16 | 7 | 7 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| May | 6.02 | 2.51 | .0 | 5.6 | 7.0 | nw. | 25 | se. | 0 | 10 | 10 | 11 | 9 | 8 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 9 |
| June | 6.14 | 1.90 | .0 | 6.1 | 6.1 | nw. | 25 | nw. | 0 | 6 | 12 | 12 | 12 | 9 | 0 | 0 | 1 | 14 | 2 | 1 | 1 | 0 | 7 | 1 | 0 | 0 | 12 |
| July | 2.02 | .77 | .0 | 5.1 | 5.7 | w. | 27 | nw. | 0 | 11 | 11 | 9 | 11 | 9 | 0 | 0 | 0 | 12 | 4 | 1 | 2 | 0 | 18 | 5 | 0 | 0 | 9 |
| August | 10.36 | 3.00 | .0 | 6.6 | 5.8 | w. | 22 | sw. | 0 | 6 | 8 | 17 | 18 | 15 | 0 | 0 | 0 | 24 | 3 | 2 | 4 | 0 | 5 | 2 | 0 | 0 | 11 |
| September | 5.30 | 2.15 | .0 | 4.3 | 5.4 | w. | 30 | nw. | 0 | 16 | 6 | 8 | 11 | 8 | 0 | 0 | 0 | 21 | 1 | 2 | 2 | 0 | 8 | 0 | 0 | 0 | 4 |
| October | 7.02 | 3.39 | .0 | 5.4 | 6.5 | nw. | 26 | ne. | 0 | 12 | 6 | 13 | 10 | 9 | 0 | 0 | 0 | 10 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 3 |
| November | 1.51 | .71 | .0 | 4.5 | 7.5 | nw. | 27 | nw. | 0 | 15 | 6 | 9 | 8 | 6 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 |
| December | 3.93 | 1.78 | 2.8 | 6.5 | 8.0 | w. | 37 | w. | 2 | 8 | 8 | 15 | 16 | 10 | 7 | 5 | 0 | 9 | 6 | 5 | 2 | 1 | 0 | 0 | 18 | 0 | 0 |
| Year | 51.19 | 3.39 | 8.0 | 5.4 | 7.2 | nw. | 37 | w. | 8 | 134 | 93 | 138 | 128 | 99 | 17 | 11 | 1 | 129 | 26 | 17 | 14 | 6 | 45 | 9 | 71 | 0 | 49 |

## MACON, GA.

Airport [$H$=446 ft.; $H_b$=464 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=56 ft.] City [$H$=330 ft.; $H_b$=370 ft.; $H_t$=79 ft.; $H_r$=73 ft.; $H_a$=87 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.75 | 1.67 | T | 4.4 | 7.4 | nw. | 25 | s. | 0 | 15 | 7 | 9 | 4 | 4 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 10 | 0 | 2 |
| February | 4.26 | 2.19 | 0.0 | 6.0 | 8.3 | nw. | 28 | sw. | 0 | 7 | 8 | 13 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 2 |
| March | 7.78 | 3.62 | T | 5.5 | 8.4 | nw. | 25 | nw. | 0 | 10 | 11 | 10 | 10 | 9 | 2 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 4 |
| April | 1.29 | 1.24 | .0 | 3.8 | 6.5 | n. | 24 | nw. | 0 | 14 | 12 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| May | 4.23 | 2.44 | .0 | 5.4 | 6.1 | s. | 22 | nw. | 0 | 6 | 15 | 10 | 7 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| June | 3.20 | 1.10 | .0 | 6.8 | 6.3 | e. | 26 | s. | 0 | 2 | 14 | 14 | 11 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 1 | 0 | 0 | 9 |
| July | 3.02 | .70 | .0 | 6.1 | 6.0 | w. | 25 | sw. | 0 | 8 | 12 | 11 | 14 | 10 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 21 | 12 | 0 | 0 | 13 |
| August | 5.98 | 1.52 | .0 | 6.1 | 6.1 | s. | 22 | s. | 0 | 5 | 14 | 12 | 10 | 8 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 14 | 2 | 0 | 0 | 10 |
| September | 4.38 | 2.25 | .0 | 5.8 | 5.6 | n. | 22 | s. | 0 | 7 | 14 | 9 | 8 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 12 | 2 | 0 | 0 | 3 |
| October | .89 | .51 | .0 | 4.0 | 6.1 | n. | 21 | w. | 0 | 16 | 7 | 8 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 2.62 | 2.45 | .0 | 3.3 | 6.2 | nw. | 20 | nw. | 0 | 18 | 7 | 5 | 3 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| December | 5.54 | 1.61 | .0 | 5.5 | 7.0 | nw. | 27 | nw. | 0 | 11 | 6 | 14 | 15 | 13 | 0 | 0 | 1 | 14 | 5 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 2 |
| Year | 46.94 | 3.62 | T | 5.2 | 6.7 | nw. | 28 | sw. | 0 | 119 | 127 | 119 | 99 | 81 | 3 | 0 | 1 | 28 | 7 | 1 | 2 | 1 | 60 | 17 | 33 | 0 | 54 |

## MADISON, WIS.

Airport [$H$=857 ft.; $H_b$=866 ft.; $H_t$=27 ft.; $H_r$=2 ft.; $H_a$=39 ft.] City [$H$=938 ft.; $H_b$=974 ft.; $H_t$=70 ft.; $H_r$=62 ft.; $H_a$=78 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.09 | 1.01 | 10.4 | 5.6 | 9.5 | nw. | 39 | ne. | 1 | 11 | 9 | 11 | 4 | 2 | 7 | 3 | 0 | 8 | 1 | 1 | 1 | 13 | 0 | 0 | 31 | 9 | 0 |
| February | .41 | .24 | 5.0 | 7.6 | 7.7 | nw. | 23 | nw. | 0 | 4 | 5 | 19 | 7 | 3 | 13 | 5 | 0 | 9 | 6 | 4 | 4 | 22 | 0 | 0 | 28 | 4 | 0 |
| March | .86 | .38 | .9 | 7.8 | 9.5 | nw. | 26 | nw. | 0 | 3 | 6 | 22 | 15 | 8 | 15 | 7 | 1 | 11 | 2 | 1 | 1 | 0 | 0 | 0 | 21 | 0 | 1 |
| April | 1.24 | .42 | T | 5.2 | 9.4 | s. | 30 | w. | 0 | 10 | 10 | 10 | 7 | 6 | 1 | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 7 | 0 | 6 |
| May | 4.03 | .89 | T | 7.7 | 8.1 | se. | 31 | ne. | 0 | 2 | 7 | 22 | 18 | 13 | 1 | 0 | 0 | 8 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 8 |
| June | 3.21 | 1.02 | .0 | 7.5 | 6.7 | se. | 26 | sw. | 0 | 4 | 7 | 19 | 16 | 12 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 11 |
| July | 3.79 | 1.23 | .0 | 5.8 | 6.6 | nw. | 24 | nw. | 0 | 9 | 12 | 10 | 12 | 9 | 0 | 0 | 0 | 4 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 11 |
| August | 1.95 | 1.04 | .0 | 6.0 | 6.7 | s. | 22 | sw. | 0 | 7 | 11 | 13 | 8 | 5 | 0 | 0 | 1 | 14 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 5 |
| September | 5.76 | 1.53 | T | 6.9 | 7.2 | sw. | 20 | w. | 0 | 5 | 10 | 15 | 16 | 14 | 2 | 2 | 0 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 6 |
| October | 1.24 | .57 | T | 4.9 | 7.9 | w. | 25 | se. | 0 | 15 | 4 | 12 | 9 | 6 | 4 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 3 |
| November | 2.84 | 1.28 | 4.4 | 7.4 | 10.3 | nw. | 27 | s. | 0 | 4 | 7 | 19 | 14 | 11 | 9 | 6 | 0 | 10 | 3 | 3 | 3 | 4 | 0 | 0 | 18 | 0 | 0 |
| December | 1.86 | 1.20 | 7.5 | 7.3 | 8.8 | nw. | 32 | ne. | 1 | 4 | 9 | 18 | 11 | 10 | 14 | 8 | 0 | 15 | 2 | 1 | 1 | 25 | 0 | 0 | 30 | 5 | 1 |
| Year | 28.28 | 1.53 | 28.2 | 6.6 | 8.2 | nw. | 39 | ne. | 2 | 78 | 97 | 190 | 137 | 99 | 66 | 31 | 3 | 102 | 25 | 18 | 17 | 64 | 4 | 0 | 144 | 18 | 52 |

## MARQUETTE, MICH.

[$H$=677 ft.; $H_b$=734 ft.; $H_t$=44 ft.; $H_r$=42 ft.; $H_a$=73 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.52 | 0.14 | 5.3 | 7.2 | 10.4 | w. | 36 | sw. | 2 | 5 | 10 | 16 | 14 | 4 | 22 | 13 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 30 | 7 | 0 |
| February | .76 | .37 | 8.1 | 8.8 | 9.0 | nw. | 22 | nw. | 0 | 0 | 6 | 22 | 13 | 5 | 26 | 12 | 0 | 1 | 0 | 0 | 0 | 23 | 0 | 0 | 28 | 3 | 0 |
| March | 3.14 | 1.51 | 17.3 | 7.5 | 8.5 | nw. | 32 | nw. | 1 | 5 | 5 | 21 | 14 | 10 | 18 | 13 | 0 | 4 | 1 | 0 | 0 | 6 | 0 | 0 | 27 | 0 | 1 |
| April | 2.01 | .81 | 6.2 | 5.4 | 9.8 | sw. | 31 | sw. | 0 | 9 | 13 | 8 | 6 | 5 | 4 | 3 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 12 | 0 | 3 |
| May | 3.90 | 1.45 | T | 7.0 | 8.0 | nw. | 33 | sw. | 1 | 6 | 10 | 15 | 15 | 13 | 3 | 0 | 1 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| June | 2.91 | .71 | .0 | 6.0 | 6.4 | nw. | 23 | s. | 0 | 6 | 13 | 11 | 11 | 9 | 0 | 0 | 0 | 6 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| July | 3.30 | 1.50 | .0 | 6.0 | 7.1 | w. | 29 | sw. | 0 | 6 | 14 | 11 | 10 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| August | 3.22 | 1.61 | .0 | 5.9 | 8.5 | s. | 30 | s. | 0 | 9 | 11 | 11 | 11 | 10 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 3 |
| September | 5.73 | 1.76 | 2.0 | 7.0 | 8.0 | nw. | 26 | s. | 0 | 6 | 7 | 17 | 19 | 18 | 6 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 4 |
| October | 2.55 | 1.57 | 2.0 | 5.4 | 8.2 | w. | 30 | sw. | 0 | 12 | 8 | 11 | 9 | 6 | 5 | 1 | 0 | 5 | 0 | 0 | 1 | 1 | 0 | 0 | 7 | 0 | 0 |
| November | 3.49 | 1.80 | 15.4 | 7.1 | 10.2 | s. | 41 | s. | 3 | 3 | 13 | 14 | 14 | 10 | 14 | 5 | 0 | 3 | 1 | 0 | 0 | 7 | 0 | 0 | 20 | 0 | 0 |
| December | 3.58 | .89 | 38.6 | 8.7 | 9.2 | w. | 35 | s. | 1 | 1 | 5 | 25 | 16 | 13 | 27 | 16 | 0 | 2 | 0 | 0 | 2 | 28 | 0 | 0 | 31 | 0 | 0 |
| Year | 35.11 | 1.80 | 94.9 | 6.8 | 8.6 | nw. | 41 | s. | 8 | 68 | 115 | 182 | 152 | 112 | 125 | 65 | 1 | 39 | 8 | 4 | 5 | 82 | 3 | 1 | 159 | 10 | 27 |

## MEDFORD, OREG.

Airport [$\phi$=42°23′ N.; $\lambda$=122°52′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 28.72 | 30.16 | 29.08 | 28.19 | 37.8 | 35.3 | 37.6 | 46.1 | 35.7 | 33.9 | 35.6 | 41.5 | 47.8 | 31.8 | 39.8 | 59 | 16 | 33 | 32 | 33 | 36 | 34 | 84 | 88 | 86 | 70 | 82 |
| February | 28.63 | 30.07 | 29.00 | 28.21 | 40.0 | 35.1 | 39.3 | 49.5 | 37.7 | 34.0 | 37.0 | 42.3 | 52.0 | 31.9 | 42.0 | 60 | 24 | 35 | 33 | 34 | 33 | 34 | 82 | 90 | 81 | 56 | 77 |
| March | 28.67 | 30.10 | 28.99 | 28.18 | 42.7 | 36.5 | 44.7 | 56.8 | 38.9 | 34.5 | 39.9 | 45.3 | 58.8 | 33.3 | 46.0 | 78 | 25 | 34 | 32 | 34 | 32 | 33 | 73 | 84 | 67 | 41 | 66 |
| April | 28.52 | 29.93 | 28.89 | 28.10 | 49.3 | 41.8 | 52.8 | 62.0 | 43.7 | 39.3 | 45.8 | 49.3 | 65.1 | 38.0 | 51.6 | 79 | 30 | 38 | 36 | 38 | 37 | 37 | 67 | 83 | 59 | 41 | 63 |
| May | 28.60 | 30.01 | 28.89 | 28.25 | 52.1 | 46.1 | 56.8 | 63.0 | 48.5 | 44.7 | 49.8 | 52.2 | 67.0 | 44.8 | 55.9 | 89 | 34 | 45 | 43 | 44 | 42 | 44 | 79 | 90 | 63 | 51 | 71 |
| June | 28.62 | 30.01 | 28.82 | 28.37 | 59.7 | 50.5 | 64.6 | 75.2 | 52.1 | 47.9 | 54.0 | 57.2 | 77.2 | 49.0 | 63.1 | 105 | 40 | 46 | 46 | 45 | 43 | 45 | 61 | 84 | 50 | 34 | 57 |
| July | 28.60 | 29.97 | 28.77 | 28.36 | 70.5 | 59.0 | 76.0 | 88.3 | 59.2 | 54.6 | 61.5 | 64.1 | 89.2 | 57.3 | 73.2 | 108 | 46 | 51 | 51 | 52 | 48 | 51 | 52 | 76 | 44 | 27 | 50 |
| August | 28.53 | 29.91 | 28.76 | 28.35 | 70.3 | 58.8 | 75.6 | 90.6 | 58.8 | 54.0 | 61.3 | 64.2 | 91.9 | 56.2 | 74.0 | 105 | 46 | 51 | 50 | 52 | 47 | 50 | 51 | 74 | 45 | 23 | 49 |
| September | 28.59 | 29.97 | 28.80 | 28.29 | 61.6 | 51.2 | 67.4 | 82.7 | 52.7 | 47.1 | 54.9 | 59.2 | 84.5 | 48.1 | 66.3 | 98 | 39 | 44 | 43 | 45 | 40 | 43 | 55 | 74 | 46 | 25 | 50 |
| October | 28.69 | 30.10 | 28.97 | 28.42 | 51.5 | 44.0 | 55.0 | 70.1 | 47.5 | 42.4 | 48.9 | 55.1 | 71.4 | 41.2 | 56.3 | 90 | 34 | 44 | 41 | 44 | 43 | 43 | 76 | 88 | 67 | 43 | 69 |
| November | 28.64 | 30.06 | 29.03 | 27.98 | 42.7 | 40.3 | 44.2 | 50.3 | 41.4 | 39.8 | 42.3 | 45.8 | 52.4 | 37.3 | 44.8 | 64 | 29 | 40 | 39 | 40 | 41 | 40 | 90 | 96 | 87 | 73 | 86 |
| December | 28.71 | 30.16 | 29.03 | 28.13 | 38.7 | 37.7 | 39.0 | 42.8 | 38.2 | 37.1 | 38.3 | 41.0 | 44.1 | 35.3 | 39.7 | 56 | 27 | 38 | 36 | 38 | 39 | 38 | 96 | 96 | 94 | 87 | 93 |
| Year | 28.63 | 30.04 | 29.08 | 27.98 | 51.4 | 44.7 | 54.4 | 64.8 | 46.2 | 42.4 | 47.4 | 51.4 | 66.8 | 42.0 | 54.4 | 108 | 16 | 42 | 40 | 42 | 40 | 41 | 72 | 85 | 66 | 48 | 68 |

## MEMPHIS, TENN.

Airport [$\phi$=35°03′ N.; $\lambda$=89°58′ W.] City [$\phi$=35°09′ N.; $\lambda$=90°03′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.75 | 30.19 | 30.24 | 29.02 | 33.4 | 31.0 | 43.7 | 38.4 | 30.9 | 29.2 | 37.9 | 34.7 | 47.9 | 25.9 | 36.9 | 70 | 1 | 27 | 26 | 30 | 29 | 28 | 77 | 83 | 60 | 70 | 72 |
| February | 29.62 | 30.06 | 29.97 | 28.95 | 37.8 | 35.5 | 43.5 | 42.6 | 35.6 | 33.6 | 39.2 | 39.0 | 47.5 | 32.5 | 40.0 | 64 | 19 | 32 | 31 | 33 | 35 | 33 | 81 | 83 | 68 | 73 | 76 |
| March | 29.50 | 29.92 | 29.92 | 28.98 | 50.1 | 45.8 | 59.2 | 58.3 | 45.9 | 43.0 | 51.6 | 51.1 | 63.7 | 43.4 | 53.6 | 80 | 29 | 42 | 40 | 44 | 44 | 43 | 73 | 80 | 60 | 61 | 69 |
| April | 29.63 | 30.05 | 29.92 | 29.19 | 58.3 | 54.9 | 69.8 | 68.4 | 53.7 | 51.7 | 60.2 | 59.8 | 73.6 | 53.3 | 63.4 | 85 | 32 | 50 | 49 | 53 | 54 | 51 | 75 | 80 | 58 | 61 | 69 |
| May | 29.58 | 29.99 | 29.77 | 29.27 | 63.9 | 61.7 | 76.1 | 75.1 | 59.6 | 58.6 | 65.6 | 65.8 | 79.8 | 58.8 | 69.3 | 92 | 46 | 57 | 56 | 59 | 60 | 58 | 79 | 84 | 58 | 62 | 70 |
| June | 29.51 | 29.91 | 29.74 | 29.24 | 72.5 | 71.4 | 85.4 | 82.7 | 68.8 | 68.0 | 73.5 | 73.1 | 89.1 | 68.5 | 78.8 | 97 | 57 | 67 | 66 | 68 | 69 | 68 | 83 | 84 | 58 | 65 | 72 |
| July | 29.62 | 30.02 | 29.79 | 29.49 | 76.5 | 74.8 | 89.4 | 88.1 | 71.9 | 71.5 | 76.1 | 75.6 | 93.0 | 72.5 | 82.8 | 101 | 63 | 70 | 70 | 71 | 70 | 70 | 80 | 85 | 55 | 56 | 69 |
| August | 29.59 | 30.00 | 29.76 | 29.45 | 72.7 | 70.9 | 84.3 | 81.8 | 69.6 | 68.5 | 73.8 | 73.4 | 88.0 | 69.3 | 78.6 | 100 | 59 | 68 | 67 | 69 | 70 | 69 | 86 | 88 | 62 | 68 | 76 |
| September | 29.62 | 30.04 | 30.00 | 29.34 | 65.7 | 63.0 | 79.8 | 73.7 | 62.1 | 60.6 | 67.1 | 65.8 | 83.3 | 60.4 | 71.8 | 95 | 36 | 60 | 59 | 59 | 61 | 60 | 82 | 87 | 51 | 65 | 71 |
| October | 29.60 | 30.02 | 29.88 | 29.13 | 56.4 | 52.3 | 73.0 | 64.9 | 53.2 | 50.1 | 60.5 | 57.5 | 76.3 | 50.0 | 63.2 | 87 | 33 | 50 | 48 | 52 | 52 | 50 | 81 | 86 | 49 | 64 | 70 |
| November | 29.67 | 30.09 | 30.07 | 29.13 | 52.8 | 48.9 | 60.4 | 56.4 | 48.6 | 46.4 | 52.4 | 50.6 | 65.5 | 45.8 | 55.6 | 81 | 31 | 44 | 44 | 45 | 45 | 44 | 74 | 83 | 59 | 67 | 71 |
| December | 29.67 | 30.11 | 30.06 | 29.04 | 40.1 | 38.8 | 46.1 | 43.5 | 38.1 | 37.3 | 42.2 | 40.8 | 50.3 | 34.5 | 42.4 | 73 | 24 | 35 | 35 | 38 | 38 | 36 | 83 | 86 | 73 | 79 | 80 |
| Year | 29.61 | 30.04 | 30.24 | 28.95 | 56.7 | 54.1 | 67.6 | 64.5 | 53.2 | 51.5 | 58.3 | 57.3 | 71.5 | 51.2 | 61.4 | 101 | 1 | 50 | 49 | 52 | 52 | 51 | 80 | 84 | 59 | 66 | 72 |

## MERIDIAN, MISS.

Airport [$\phi$=32°21′ N.; $\lambda$=88°40′ W.] City [$\phi$=32°21′ N.; $\lambda$=88° 40′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.78 | 30.20 | 30.20 | 29.24 | 37.0 | 32.8 | 50.9 | 46.4 | 35.3 | 31.9 | 42.7 | 40.9 | 54.9 | 31.8 | 43.4 | 72 | 10 | 33 | 30 | 32 | 34 | 32 | 85 | 88 | 51 | 63 | 72 |
| February | 29.66 | 30.07 | 30.09 | 29.04 | 41.0 | 38.0 | 51.2 | 48.4 | 38.5 | 36.6 | 43.8 | 42.9 | 54.9 | 36.0 | 45.4 | 74 | 23 | 35 | 35 | 34 | 36 | 35 | 81 | 88 | 55 | 64 | 72 |
| March | 29.56 | 29.97 | 29.92 | 29.08 | 51.5 | 48.2 | 62.8 | 60.8 | 48.8 | 46.3 | 51.9 | 51.8 | 66.4 | 46.0 | 56.2 | 82 | 32 | 46 | 44 | 40 | 43 | 43 | 83 | 87 | 49 | 55 | 68 |
| April | 29.68 | 30.08 | 29.97 | 29.29 | 58.4 | 54.4 | 75.7 | 72.3 | 54.4 | 52.3 | 60.5 | 59.8 | 78.0 | 53.4 | 65.7 | 89 | 34 | 51 | 50 | 49 | 50 | 50 | 78 | 87 | 41 | 48 | 64 |
| May | 29.62 | 30.02 | 29.78 | 29.34 | 63.4 | 62.7 | 80.9 | 77.4 | 61.0 | 60.5 | 66.5 | 65.3 | 82.4 | 59.6 | 71.0 | 91 | 46 | 60 | 59 | 58 | 58 | 58 | 87 | 88 | 47 | 53 | 69 |
| June | 29.56 | 29.95 | 29.78 | 29.32 | 72.3 | 72.3 | 87.9 | 81.0 | 69.8 | 69.8 | 74.1 | 73.2 | 89.2 | 69.4 | 79.3 | 95 | 62 | 69 | 69 | 68 | 70 | 69 | 88 | 88 | 53 | 70 | 75 |
| July | 29.68 | 30.07 | 29.86 | 29.48 | 74.7 | 75.1 | 89.6 | 85.1 | 72.6 | 72.5 | 75.6 | 75.1 | 91.0 | 72.4 | 81.7 | 99 | 68 | 72 | 71 | 70 | 71 | 71 | 90 | 88 | 53 | 64 | 74 |
| August | 29.65 | 30.04 | 29.81 | 29.52 | 73.3 | 72.0 | 86.9 | 81.0 | 71.4 | 70.4 | 74.6 | 74.2 | 88.3 | 70.5 | 79.4 | 95 | 64 | 71 | 70 | 70 | 72 | 70 | 91 | 92 | 58 | 74 | 79 |
| September | 29.65 | 30.05 | 29.95 | 29.35 | 66.0 | 63.6 | 82.0 | 75.0 | 64.3 | 62.4 | 69.2 | 69.0 | 83.3 | 62.6 | 73.0 | 93 | 45 | 63 | 62 | 62 | 66 | 63 | 92 | 93 | 53 | 74 | 78 |
| October | 29.64 | 30.04 | 29.90 | 29.28 | 58.6 | 54.4 | 76.0 | 68.3 | 56.8 | 53.7 | 62.7 | 62.3 | 77.9 | 54.0 | 66.0 | 88 | 31 | 55 | 53 | 54 | 58 | 55 | 90 | 95 | 49 | 72 | 77 |
| November | 29.72 | 30.13 | 30.02 | 29.32 | 50.6 | 48.0 | 67.7 | 58.9 | 48.4 | 46.8 | 55.6 | 52.8 | 69.9 | 45.9 | 57.9 | 82 | 30 | 46 | 46 | 45 | 47 | 46 | 86 | 91 | 46 | 66 | 72 |
| December | 29.71 | 30.11 | 30.13 | 29.12 | 44.7 | 42.1 | 55.6 | 50.5 | 42.8 | 40.9 | 48.8 | 46.6 | 60.0 | 39.2 | 49.6 | 77 | 26 | 41 | 40 | 42 | 42 | 41 | 86 | 91 | 64 | 76 | 79 |
| Year | 29.66 | 30.06 | 30.20 | 29.04 | 57.6 | 55.3 | 72.3 | 67.1 | 55.3 | 53.7 | 60.5 | 59.5 | 74.7 | 53.4 | 64.0 | 99 | 10 | 54 | 52 | 52 | 54 | 53 | 86 | 90 | 52 | 65 | 73 |

## MIAMI, FLA.

Airport [$\phi$=25°49′ N.; $\lambda$=80°17′ W.] City [$\phi$=25°48′ N.; $\lambda$=80°12′ W.

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.08 | 30.10 | 30.33 | 29.78 | 59.0 | 57.3 | 73.2 | 65.1 | 56.9 | 55.4 | 63.2 | 60.6 | 74.1 | 58.9 | 66.5 | 83 | 44 | 55 | 54 | 56 | 57 | 56 | 88 | 89 | 58 | 77 | 78 |
| February | 29.97 | 30.00 | 30.25 | 29.31 | 55.9 | 53.8 | 70.6 | 62.5 | 53.5 | 52.1 | 59.8 | 56.8 | 71.1 | 55.2 | 63.2 | 82 | 40 | 52 | 50 | 52 | 52 | 52 | 86 | 89 | 53 | 70 | 75 |
| March | 29.96 | 29.99 | 30.22 | 29.67 | 64.6 | 64.4 | 76.6 | 69.6 | 61.7 | 61.4 | 66.1 | 64.3 | 76.4 | 64.4 | 70.4 | 85 | 46 | 60 | 60 | 60 | 61 | 60 | 85 | 85 | 57 | 75 | 75 |
| April | 30.01 | 30.04 | 30.18 | 29.80 | 65.8 | 67.4 | 78.5 | 72.7 | 62.7 | 63.9 | 66.5 | 65.7 | 78.9 | 66.6 | 72.8 | 87 | 56 | 61 | 62 | 60 | 62 | 61 | 85 | 83 | 54 | 69 | 73 |
| May | 29.97 | 30.00 | 30.11 | 29.85 | 72.0 | 75.2 | 83.0 | 77.4 | 68.6 | 69.8 | 71.6 | 70.6 | 83.1 | 73.5 | 78.3 | 88 | 68 | 67 | 67 | 66 | 67 | 67 | 84 | 77 | 57 | 71 | 73 |
| June | 29.94 | 29.97 | 30.10 | 29.77 | 76.9 | 79.7 | 85.1 | 80.0 | 74.6 | 75.9 | 76.1 | 75.5 | 86.7 | 75.7 | 81.2 | 89 | 68 | 74 | 74 | 73 | 74 | 74 | 90 | 84 | 67 | 82 | 81 |
| July | 30.04 | 30.07 | 30.17 | 29.85 | 77.8 | 82.3 | 89.5 | 83.0 | 75.1 | 77.0 | 77.2 | 76.4 | 89.5 | 79.5 | 84.5 | 96 | 71 | 74 | 75 | 72 | 74 | 74 | 88 | 79 | 57 | 74 | 75 |
| August | 29.99 | 30.02 | 30.15 | 29.89 | 77.4 | 79.5 | 87.6 | 81.7 | 74.9 | 76.1 | 77.1 | 76.1 | 88.1 | 78.5 | 83.3 | 90 | 69 | 74 | 75 | 73 | 74 | 74 | 89 | 86 | 63 | 78 | 79 |
| September | 29.96 | 29.98 | 30.14 | 29.80 | 77.0 | 78.1 | 87.2 | 79.9 | 74.8 | 75.7 | 77.1 | 75.8 | 87.9 | 76.9 | 82.4 | 92 | 72 | 74 | 75 | 73 | 74 | 74 | 90 | 90 | 64 | 83 | 82 |
| October | 29.92 | 29.95 | 30.11 | 29.79 | 71.0 | 70.8 | 83.3 | 75.5 | 69.1 | 69.0 | 72.6 | 71.0 | 84.2 | 71.8 | 78.0 | 86 | 65 | 68 | 68 | 68 | 69 | 68 | 91 | 92 | 61 | 80 | 81 |
| November | 30.00 | 30.02 | 30.18 | 29.79 | 67.5 | 65.8 | 79.4 | 71.5 | 64.3 | 63.1 | 69.3 | 66.8 | 79.2 | 68.2 | 73.7 | 84 | 52 | 63 | 62 | 64 | 64 | 63 | 85 | 86 | 61 | 79 | 78 |
| December | 30.06 | 30.09 | 30.35 | 29.77 | 64.6 | 63.1 | 77.0 | 69.5 | 62.7 | 61.2 | 68.4 | 65.6 | 77.1 | 64.9 | 71.0 | 83 | 42 | 62 | 60 | 64 | 63 | 62 | 90 | 89 | 65 | 81 | 81 |
| Year | 29.99 | 30.02 | 30.35 | 29.31 | 69.1 | 69.8 | 80.9 | 74.0 | 66.6 | 66.7 | 70.4 | 68.8 | 81.4 | 69.5 | 75.4 | 95 | 40 | 65 | 65 | 65 | 66 | 65 | 88 | 86 | 60 | 77 | 78 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Memphis, Tenn., 399 feet; Meridian, Miss., 375 feet; Miami, Fla., 25 feet.
[2] Airport data.

## MEDFORD, OREG.

[$H$=1,314 ft.; $H_b$=1,329 ft.; $H_t$=29 ft.; $H_r$=26 ft.; $H_a$=58 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 2.19 | 0.80 | T | 7.8 | | nw. | | | | 2 | 7 | 22 | 10 | 7 | 2 | 0 | 0 | 17 | 10 | 10 | 9 | 1 | 0 | 0 | 17 | 0 | 0 |
| February | 2.33 | .56 | T | 6.3 | | n. | | | | 7 | 9 | 12 | 12 | 9 | 2 | 0 | 0 | 11 | 3 | 3 | 3 | 0 | 0 | 0 | 15 | 0 | 0 |
| March | .53 | .34 | 0.2 | 7.0 | | nw. | | | | 7 | 3 | 21 | 7 | 3 | 2 | 1 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 12 | 0 | 0 |
| April | .86 | .46 | .0 | 7.6 | | nw. | | | | 2 | 11 | 17 | 7 | 6 | 0 | 0 | 1 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 3 | 0 | 0 |
| May | 3.69 | 1.24 | .0 | 7.7 | | nw. | | | | 1 | 12 | 18 | 18 | 12 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| June | .64 | .36 | .0 | 5.0 | | nw. | | | | 12 | 7 | 11 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 2 |
| July | T | T | .0 | 2.2 | | nw. | | | | 24 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 9 | 0 | 0 | 0 |
| August | .09 | .09 | .0 | 1.5 | | nw. | | | | 25 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | 0 | 0 | 1 |
| September | .16 | .16 | .0 | 2.5 | | nw. | | | | 22 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 2 | 0 | 0 | 3 |
| October | .82 | .25 | .0 | 4.2 | | nw. | | | | 15 | 6 | 10 | 6 | 6 | 0 | 0 | 0 | 11 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| November | 8.62 | 1.14 | .0 | 8.3 | | nw. | | | | 2 | 7 | 21 | 20 | 19 | 0 | 0 | 0 | 19 | 8 | 7 | 6 | 0 | 0 | 0 | 8 | 0 | 0 |
| December | 5.87 | 1.22 | .0 | 9.4 | | nw. | | | | 0 | 3 | 28 | 22 | 13 | 4 | 3 | 0 | 24 | 11 | 13 | 13 | 0 | 0 | 0 | 6 | 0 | 0 |
| Year | 25.80 | 1.24 | .2 | 5.8 | | nw. | | | | 119 | 77 | 169 | 112 | 80 | 10 | 4 | 3 | 89 | 38 | 37 | 35 | 1 | 47 | 29 | 61 | 0 | 8 |

## MEMPHIS, TENN.

Airport [$H$=269 ft.; $H_b$=284 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=49 ft.] City [$H$=271 ft.; $H_b$=399 ft.; $H_t$=78 ft.; $H_r$=70 ft.; $H_a$=86 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.35 | 1.54 | 1.4 | 4.7 | 8.6 | sw. | 34 | w. | 1 | 14 | 8 | 9 | 7 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 24 | 0 | 4 |
| February | 4.22 | 1.74 | .5 | 6.9 | 8.5 | nw. | 28 | w. | 0 | 6 | 7 | 15 | 9 | 9 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 3 |
| March | 5.56 | 1.75 | T | 5.0 | 9.5 | s. | 24 | nw. | 0 | 13 | 5 | 13 | 12 | 10 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |
| April | 5.14 | 3.58 | .0 | 5.2 | 7.7 | s. | 24 | sw. | 0 | 11 | 10 | 9 | 8 | 7 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 6 |
| May | 2.33 | 1.16 | .0 | 5.0 | 7.8 | s. | 22 | sw. | 0 | 11 | 10 | 10 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 9 |
| June | 2.39 | .68 | .0 | 4.9 | 6.7 | sw. | 32 | nw. | 1 | 12 | 9 | 9 | 11 | 9 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 15 | 4 | 0 | 0 | 12 |
| July | 1.78 | .95 | .0 | 3.7 | 7.7 | sw. | 22 | sw. | 0 | 19 | 11 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 13 | 0 | 0 | 6 |
| August | 4.90 | 1.93 | .0 | 5.3 | 6.3 | sw. | 35 | n. | 2 | 10 | 13 | 8 | 11 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 3 | 0 | 0 | 9 |
| September | .67 | .39 | .0 | 3.7 | 7.0 | s. | 25 | n. | 0 | 14 | 12 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 2 |
| October | 3.54 | 3.02 | .0 | 3.2 | 6.9 | e. | 25 | n. | 0 | 19 | 8 | 4 | 6 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | 3.16 | 1.19 | .0 | 5.2 | 8.8 | s. | 24 | w. | 0 | 13 | 5 | 12 | 9 | 9 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| December | 5.04 | 1.86 | T | 6.8 | 8.2 | e. | 27 | sw. | 0 | 6 | 10 | 15 | 12 | 8 | 2 | 1 | 0 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 14 | 0 | 2 |
| Year | 43.08 | 3.58 | 1.9 | 5.0 | 7.8 | sw. | 35 | n. | 4 | 148 | 108 | 109 | 100 | 85 | 11 | 4 | 1 | 16 | 7 | 4 | 2 | 9 | 57 | 20 | 59 | 0 | 62 |

## MERIDIAN, MISS.

Airport [$H$=294 ft.; $H_b$=310 ft.; $H_t$=22 ft.; $H_r$=3 ft.; $H_a$=40 ft.] City [$H$=343 ft.; $H_b$=375 ft.; $H_t$=67 ft.; $H_r$=60 ft.; $H_a$=92 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.60 | 0.90 | 0.3 | 3.9 | 6.3 | n. | 25 | s. | 0 | 16 | 8 | 7 | 6 | 5 | 2 | 1 | 0 | 3 | 2 | 1 | 1 | 2 | 0 | 0 | 16 | 0 | 2 |
| February | 3.04 | 1.05 | T | 6.0 | 6.8 | n. | 26 | w. | 0 | 9 | 6 | 13 | 6 | 5 | 2 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 1 |
| March | 9.78 | 4.84 | T | 4.6 | 8.1 | s. | 40 | sw. | 1 | 14 | 7 | 10 | 13 | 11 | 1 | 0 | 0 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 5 |
| April | 1.58 | 1.41 | .0 | 4.0 | 6.6 | s. | 21 | e. | 0 | 13 | 11 | 6 | 4 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 3.06 | 1.87 | .0 | 3.7 | 5.6 | e. | 23 | nw. | 0 | 17 | 7 | 7 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 |
| June | 4.91 | 1.67 | .0 | 4.5 | 5.8 | e. | 20 | w. | 0 | 9 | 14 | 7 | 16 | 12 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 15 |
| July | 1.15 | .41 | .0 | 5.1 | 5.3 | sw. | 18 | s. | 0 | 14 | 9 | 8 | 8 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 7 | 0 | 0 | 12 |
| August | 5.54 | 1.26 | .0 | 5.6 | 5.5 | e. | 20 | se. | 0 | 6 | 17 | 8 | 14 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 9 |
| September | 5.43 | 1.84 | .0 | 5.3 | 5.1 | ne. | 18 | e. | 0 | 7 | 16 | 7 | 8 | 7 | 0 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 6 | 0 | 0 | 0 | 8 |
| October | 2.78 | 1.74 | .0 | 4.6 | 5.1 | ne. | 20 | sw. | 0 | 14 | 6 | 11 | 8 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| November | .73 | .51 | .0 | 3.2 | 6.1 | sw. | 17 | se. | 0 | 18 | 8 | 4 | 4 | 2 | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 3 | 0 | 0 |
| December | 7.72 | 4.84 | .0 | 6.6 | 6.8 | n. | 26 | nw. | 0 | 6 | 10 | 15 | 11 | 9 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 7 | 0 | 5 |
| Year | 48.32 | 4.84 | .3 | 4.8 | 6.1 | sw. | 40 | sw. | 1 | 143 | 119 | 103 | 104 | 81 | 5 | 2 | 0 | 23 | 8 | 6 | 5 | 2 | 56 | 8 | 43 | 0 | 65 |

## MIAMI, FLA.

Airport [$H$=12 ft.; $H_b$=12 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=61 ft.] City [$H$=11 ft.; =$H_b$25 ft.; $H_t$=124 ft.; $H_r$=117 ft.; $H_a$=168 ft.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.02 | 0.93 | 0.0 | 6.1 | 10.6 | n. | 26 | w. | 0 | 8 | 7 | 16 | 9 | 7 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 2.77 | 1.17 | .0 | 4.6 | 11.8 | n. | 34 | w. | 2 | 10 | 12 | 6 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 2.51 | .86 | .0 | 5.6 | 11.7 | se. | 29 | s. | 0 | 8 | 14 | 9 | 7 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | 13.62 | 8.58 | .0 | 4.7 | 10.2 | e. | 31 | sw. | 0 | 14 | 8 | 8 | 5 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| May | 1.74 | .68 | .0 | 5.4 | 8.6 | e. | 20 | s. | 0 | 10 | 12 | 9 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| June | 13.90 | 2.62 | .0 | 7.2 | 8.3 | se. | 29 | sw. | 0 | 5 | 8 | 17 | 18 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| July | 1.24 | .56 | .0 | 4.2 | 7.6 | e. | 24 | e. | 0 | 12 | 16 | 3 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 15 |
| August | 3.36 | .71 | .0 | 5.8 | 7.8 | e. | 36 | s. | 1 | 7 | 15 | 9 | 14 | 11 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 11 |
| September | 6.25 | 1.34 | .0 | 6.2 | 8.2 | e. | 26 | ne. | 0 | 4 | 16 | 10 | 19 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 16 |
| October | 5.27 | 1.81 | .0 | 5.1 | 8.4 | ne. | 26 | ne. | 0 | 10 | 12 | 9 | 16 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | 1.75 | .80 | .0 | 4.2 | 10.9 | ne. | 33 | ne. | 1 | 14 | 11 | 5 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 2.37 | .85 | .0 | 6.0 | 10.0 | n. | 27 | se. | 0 | 6 | 13 | 12 | 10 | 9 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Year | 56.80 | 8.58 | .0 | 5.4 | 9.5 | e. | 36 | s. | 4 | 108 | 144 | 113 | 125 | 99 | 0 | 0 | 1 | 5 | 2 | 1 | 0 | 0 | 8 | 1 | 0 | 0 | 75 |

## MILWAUKEE, WIS.

Airport [$\phi$=42°57′ N.; $\lambda$=87°54′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.28 | 30.05 | 29.82 | 28.33 | 19.7 | 18.8 | 24.1 | 22.2 | 18.5 | 17.7 | 22.2 | 20.7 | 27.6 | 12.3 | 20.0 | 44 | −23 | 16 | 15 | 18 | 17 | 17 | 83 | 85 | 76 | 79 | 81 |
| February | 29.33 | 30.10 | 29.63 | 28.72 | 21.0 | 19.7 | 25.8 | 24.4 | 19.7 | 18.6 | 23.7 | 22.8 | 28.3 | 16.0 | 22.2 | 37 | −6 | 16 | 16 | 18 | 19 | 17 | 79 | 82 | 72 | 78 | 78 |
| March | 29.09 | 29.84 | 29.48 | 28.39 | 34.2 | 32.6 | 39.0 | 37.5 | 32.3 | 30.3 | 35.6 | 34.7 | 42.5 | 30.2 | 36.4 | 55 | 21 | 30 | 28 | 30 | 31 | 30 | 83 | 84 | 69 | 77 | 78 |
| April | 29.33 | 30.07 | 29.71 | 28.77 | 45.3 | 43.6 | 56.2 | 51.8 | 41.4 | 39.9 | 47.6 | 45.2 | 60.3 | 38.7 | 49.5 | 81 | 25 | 37 | 36 | 39 | 38 | 38 | 74 | 74 | 56 | 63 | 66 |
| May | 29.23 | 29.96 | 29.62 | 28.72 | 51.2 | 51.7 | 59.9 | 55.9 | 47.7 | 48.6 | 52.6 | 49.6 | 64.9 | 45.0 | 55.0 | 88 | 36 | 44 | 46 | 46 | 45 | 45 | 79 | 80 | 64 | 70 | 73 |
| June | 29.24 | 29.97 | 29.51 | 28.81 | 59.7 | 60.9 | 69.9 | 67.2 | 56.4 | 57.2 | 61.7 | 60.3 | 73.5 | 54.5 | 64.0 | 90 | 42 | 54 | 54 | 56 | 56 | 55 | 82 | 80 | 64 | 69 | 74 |
| July | 29.26 | 29.98 | 29.43 | 29.02 | 66.5 | 67.0 | 77.5 | 75.8 | 62.8 | 63.0 | 66.0 | 66.1 | 81.0 | 61.9 | 71.4 | 98 | 49 | 61 | 61 | 60 | 61 | 60 | 82 | 81 | 56 | 61 | 70 |
| August | 29.28 | 30.01 | 29.57 | 29.03 | 64.8 | 63.9 | 75.1 | 72.1 | 62.1 | 61.5 | 66.2 | 65.3 | 77.8 | 60.5 | 69.2 | 91 | 48 | 60 | 60 | 61 | 62 | 61 | 86 | 88 | 64 | 71 | 77 |
| September | 29.28 | 30.02 | 29.75 | 28.85 | 56.3 | 54.8 | 66.1 | 59.9 | 54.0 | 52.9 | 58.0 | 55.8 | 68.5 | 50.7 | 59.6 | 88 | 28 | 52 | 51 | 52 | 52 | 52 | 86 | 88 | 62 | 77 | 78 |
| October | 29.25 | 29.99 | 29.64 | 28.58 | 47.9 | 45.1 | 57.0 | 50.8 | 44.6 | 43.0 | 49.6 | 46.6 | 59.1 | 41.5 | 50.3 | 76 | 21 | 41 | 41 | 42 | 42 | 42 | 77 | 84 | 60 | 73 | 74 |
| November | 29.25 | 30.00 | 29.76 | 28.51 | 37.8 | 35.5 | 42.1 | 39.9 | 35.3 | 33.5 | 37.9 | 36.9 | 47.2 | 30.7 | 39.0 | 67 | 12 | 32 | 30 | 32 | 33 | 32 | 78 | 81 | 68 | 75 | 76 |
| December | 29.32 | 30.08 | 29.90 | 28.65 | 19.9 | 18.5 | 24.6 | 22.4 | 18.6 | 17.4 | 22.7 | 20.8 | 26.7 | 13.5 | 20.1 | 39 | −1 | 15 | 14 | 18 | 17 | 16 | 80 | 81 | 74 | 77 | 78 |
| Year | 29.26 | 30.01 | 29.90 | 28.33 | 43.7 | 42.7 | 51.4 | 48.3 | 41.1 | 40.3 | 45.3 | 43.7 | 54.8 | 38.0 | 46.4 | 98 | −23 | 38 | 38 | 39 | 39 | 39 | 81 | 82 | 65 | 72 | 75 |

## MINNEAPOLIS, MINN.

Airport [$\phi$=44°53′ N.; $\lambda$=93°13′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) | 30.07 | (1) | (1) | 19.2 | 15.7 | 22.8 | 22.9 | 17.8 | 14.4 | 19.9 | 20.4 | 29.3 | 11.7 | 20.5 | 53 | −20 | 14 | 11 | 13 | 14 | 13 | 78 | 79 | 64 | 67 | 72 |
| February | 29.10 | 30.15 | 29.35 | 28.56 | 19.3 | 16.5 | 23.2 | 23.3 | 17.6 | 15.4 | 20.5 | 20.7 | 27.5 | 14.1 | 20.8 | 42 | −15 | 13 | 12 | 13 | 14 | 13 | 74 | 80 | 64 | 67 | 71 |
| March | 28.81 | 29.82 | 29.29 | 28.37 | 33.1 | 30.6 | 39.0 | 38.8 | 30.8 | 29.0 | 34.1 | 34.3 | 42.9 | 28.8 | 35.8 | 62 | 19 | 27 | 26 | 27 | 28 | 27 | 78 | 84 | 62 | 65 | 72 |
| April | 29.00 | 30.00 | 29.51 | 28.38 | 47.5 | 42.6 | 59.0 | 59.6 | 41.9 | 39.2 | 48.0 | 48.8 | 63.9 | 40.4 | 52.2 | 81 | 25 | 36 | 35 | 36 | 38 | 36 | 64 | 74 | 45 | 48 | 58 |
| May | 28.94 | 29.92 | 29.33 | 28.22 | 53.0 | 49.8 | 60.7 | 61.4 | 49.0 | 46.8 | 51.5 | 52.2 | 65.1 | 47.0 | 56.0 | 85 | 36 | 45 | 44 | 43 | 44 | 44 | 76 | 81 | 55 | 57 | 67 |
| June | 28.85 | 29.92 | 29.17 | 28.54 | 62.1 | 60.6 | 71.3 | 72.0 | 58.8 | 57.9 | 62.0 | 63.0 | 75.9 | 57.6 | 66.8 | 90 | 46 | 56 | 56 | 56 | 57 | 56 | 82 | 85 | 60 | 62 | 72 |
| July | 28.07 | 29.94 | 29.25 | 28.67 | 66.8 | 64.0 | 77.5 | 77.8 | 62.7 | 60.7 | 65.7 | 66.2 | 81.3 | 61.6 | 71.4 | 96 | 49 | 60 | 59 | 59 | 60 | 59 | 81 | 83 | 54 | 55 | 68 |
| August | 28.97 | 29.94 | 29.25 | 28.68 | 66.4 | 62.9 | 75.4 | 76.3 | 62.9 | 60.3 | 65.2 | 66.5 | 80.0 | 61.0 | 70.5 | 92 | 44 | 61 | 59 | 60 | 61 | 60 | 83 | 87 | 59 | 61 | 72 |
| September | 29.00 | 29.99 | 29.45 | 28.59 | 53.6 | 50.7 | 62.1 | 60.6 | 51.2 | 49.0 | 54.6 | 54.5 | 66.2 | 48.3 | 57.2 | 90 | 26 | 49 | 47 | 49 | 50 | 49 | 85 | 88 | 62 | 68 | 76 |
| October | 28.96 | 29.96 | 29.41 | 28.37 | 46.1 | 41.3 | 56.3 | 52.9 | 42.6 | 39.0 | 47.0 | 45.9 | 60.5 | 40.1 | 50.3 | 78 | 18 | 39 | 36 | 38 | 39 | 38 | 75 | 82 | 53 | 61 | 68 |
| November | 28.97 | 29.99 | 29.51 | 28.33 | 31.4 | 28.4 | 37.8 | 35.5 | 28.5 | 26.2 | 33.0 | 31.6 | 42.5 | 24.7 | 33.6 | 64 | 3 | 24 | 22 | 25 | 26 | 24 | 72 | 76 | 60 | 66 | 69 |
| December | 29.06 | 30.11 | 29.70 | 28.48 | 14.5 | 14.1 | 18.6 | 17.2 | 13.5 | 13.2 | 17.1 | 15.9 | 22.7 | 8.2 | 15.4 | 37 | −8 | 10 | 10 | 12 | 12 | 11 | 81 | 81 | 74 | 77 | 78 |
| Year | 28.98 | 29.98 | 29.70 | 28.22 | 42.8 | 39.8 | 50.3 | 49.9 | 39.8 | 37.6 | 43.2 | 43.3 | 54.8 | 37.0 | 45.9 | 96 | −20 | 36 | 35 | 36 | 37 | 36 | 77 | 82 | 59 | 63 | 70 |

## MISSOULA, MONT.

Airport [$\phi$=46°55′ N.; $\lambda$=114°05′ W.] City [$\phi$=46°52′ N.; $\lambda$=114°00′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) | 30.42 | (1) | (1) | 12.5 | 10.3 | 15.1 | 18.7 | 12.0 | 10.0 | 14.2 | 17.5 | 24.1 | 9.9 | 17.0 | 44 | −18 | 11 | 9 | 12 | 15 | 12 | 92 | 93 | 86 | 83 | 89 |
| February | 26.63 | 30.13 | 26.98 | 26.24 | 20.0 | 17.5 | 23.5 | 27.7 | 19.5 | 17.0 | 21.9 | 25.3 | 32.3 | 16.9 | 24.6 | 44 | −13 | 18 | 15 | 19 | 21 | 18 | 93 | 91 | 81 | 73 | 85 |
| March | 26.63 | 30.07 | 27.00 | 26.15 | 31.6 | 27.7 | 37.3 | 43.0 | 29.4 | 26.4 | 32.7 | 36.2 | 47.3 | 27.8 | 37.6 | 69 | 21 | 26 | 24 | 26 | 27 | 26 | 79 | 86 | 64 | 56 | 71 |
| April | 26.52 | 29.89 | 26.93 | 26.13 | 43.8 | 36.9 | 51.3 | 58.3 | 38.9 | 34.7 | 43.3 | 45.5 | 61.7 | 36.6 | 49.2 | 80 | 27 | 33 | 32 | 34 | 32 | 33 | 67 | 82 | 53 | 38 | 60 |
| May | 26.59 | 29.97 | 26.95 | 26.17 | 46.2 | 40.8 | 54.4 | 57.5 | 42.7 | 39.2 | 46.6 | 47.7 | 62.9 | 40.2 | 51.6 | 84 | 30 | 39 | 36 | 39 | 38 | 38 | 77 | 88 | 58 | 53 | 69 |
| June | 26.62 | 29.97 | 27.01 | 26.28 | 51.6 | 46.7 | 59.8 | 64.6 | 48.1 | 45.0 | 51.3 | 53.1 | 68.1 | 46.2 | 57.2 | 89 | 36 | 45 | 43 | 44 | 44 | 44 | 79 | 89 | 58 | 50 | 69 |
| July | 26.68 | 29.99 | 26.95 | 26.42 | 64.3 | 54.2 | 74.8 | 83.4 | 55.5 | 50.6 | 59.1 | 60.7 | 85.9 | 54.4 | 70.2 | 97 | 44 | 49 | 48 | 49 | 45 | 48 | 60 | 80 | 41 | 28 | 52 |
| August | 26.64 | 29.95 | 26.90 | 26.39 | 63.3 | 52.9 | 73.4 | 82.0 | 53.4 | 48.5 | 57.2 | 58.8 | 84.5 | 53.4 | 69.0 | 99 | 43 | 46 | 45 | 46 | 42 | 45 | 55 | 74 | 39 | 26 | 48 |
| September | 26.66 | 30.01 | 26.97 | 26.32 | 54.0 | 46.5 | 62.6 | 70.8 | 48.2 | 43.8 | 51.4 | 54.7 | 74.2 | 46.3 | 60.2 | 91 | 37 | 43 | 41 | 42 | 42 | 42 | 68 | 83 | 49 | 38 | 60 |
| October | 26.71 | 30.11 | 27.12 | 26.26 | 43.1 | 38.0 | 49.9 | 55.4 | 39.9 | 36.0 | 43.1 | 46.0 | 60.3 | 37.8 | 49.0 | 82 | 26 | 37 | 34 | 36 | 38 | 36 | 78 | 85 | 61 | 55 | 70 |
| November | 26.60 | 30.05 | 27.14 | 25.80 | 31.2 | 28.9 | 34.5 | 34.2 | 29.7 | 27.8 | 31.8 | 31.9 | 40.6 | 27.5 | 34.0 | 51 | 14 | 28 | 26 | 28 | 29 | 28 | 86 | 90 | 76 | 80 | 83 |
| December | 26.62 | 30.10 | 27.02 | 26.16 | 26.4 | 24.4 | 27.7 | 28.2 | 25.5 | 24.0 | 26.5 | 27.1 | 35.2 | 23.9 | 29.6 | 52 | 7 | 24 | 24 | 25 | 25 | 24 | 90 | 96 | 88 | 88 | 90 |
| Year | 26.64 | 30.06 | 27.20 | 25.80 | 40.7 | 35.4 | 47.0 | 52.0 | 36.9 | 33.6 | 39.9 | 42.0 | 56.4 | 35.1 | 45.8 | 99 | −18 | 33 | 32 | 33 | 33 | 33 | 77 | 86 | 63 | 56 | 70 |

## MOBILE, ALA.

Airport [$\phi$=30°41′ N.; $\lambda$=88°12′ W.] City [$\phi$=30°42′ N.; $\lambda$=88°12′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) | 30.19 | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | 58.2 | 38.7 | 48.4 | 75 | 18 | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| February | 30.00 | 30.06 | 30.36 | 29.37 | 45.8 | 42.6 | 54.6 | 51.4 | 42.8 | 40.8 | 46.9 | 46.2 | 58.4 | 40.9 | 49.6 | 77 | 29 | 37 | 36 | 37 | 39 | 37 | 79 | 84 | 55 | 68 | 72 |
| March | 29.93 | 29.98 | 30.25 | 29.48 | 53.3 | 51.7 | 63.1 | 59.0 | 51.3 | 49.8 | 54.3 | 52.8 | 66.3 | 48.7 | 57.5 | 77 | 37 | 39 | 39 | 38 | 40 | 39 | 78 | 86 | 55 | 67 | 71 |
| April | 30.03 | 30.09 | 30.29 | 29.70 | 59.9 | 57.4 | 74.1 | 68.5 | 56.9 | 54.9 | 61.6 | 60.4 | 76.3 | 56.1 | 66.2 | 85 | 39 | 49 | 48 | 45 | 47 | 47 | 86 | 86 | 58 | 67 | 74 |
| May | 29.96 | 30.02 | 30.11 | 29.73 | 66.7 | 66.4 | 80.0 | 75.5 | 64.0 | 63.8 | 67.5 | 67.2 | 82.7 | 64.2 | 73.4 | 93 | 53 | 54 | 52 | 52 | 54 | 53 | 83 | 85 | 50 | 63 | 70 |
| June | 29.89 | 29.95 | 30.10 | 29.65 | 74.4 | 74.9 | 84.4 | 80.4 | 72.4 | 72.5 | 74.5 | 74.4 | 88.7 | 73.2 | 81.0 | 97 | 69 | 62 | 62 | 60 | 62 | 62 | 86 | 87 | 53 | 65 | 73 |
| July | 30.02 | 30.08 | 30.17 | 29.83 | 75.6 | 76.0 | 86.0 | 80.4 | 73.8 | 73.9 | 76.0 | 75.1 | 90.7 | 74.0 | 82.4 | 98 | 71 | 72 | 72 | 70 | 72 | 71 | 91 | 90 | 64 | 76 | 80 |
| August | 29.98 | 30.04 | 30.11 | 29.86 | 74.9 | 74.7 | 86.2 | 79.7 | 73.2 | 72.9 | 76.3 | 75.1 | 89.7 | 73.9 | 81.8 | 96 | 67 | 73 | 73 | 72 | 73 | 73 | 92 | 91 | 64 | 79 | 82 |
| September | 29.97 | 30.03 | 30.21 | 29.66 | 69.8 | 67.9 | 81.5 | 76.0 | 67.3 | 65.9 | 70.4 | 70.2 | 84.3 | 67.6 | 76.0 | 93 | 49 | 72 | 72 | 72 | 73 | 73 | 92 | 92 | 65 | 82 | 83 |
| October | 29.97 | 30.03 | 30.20 | 29.69 | 64.2 | 60.9 | 78.4 | 70.4 | 61.4 | 58.7 | 65.6 | 64.7 | 80.3 | 59.9 | 70.1 | 86 | 40 | 66 | 65 | 65 | 67 | 66 | 88 | 89 | 59 | 75 | 78 |
| November | 30.07 | 30.13 | 30.35 | 29.70 | 55.3 | 51.9 | 69.2 | 61.2 | 52.7 | 50.0 | 58.8 | 56.6 | 71.2 | 50.4 | 60.8 | 83 | 35 | 60 | 57 | 58 | 61 | 59 | 85 | 88 | 52 | 74 | 74 |
| December | 30.06 | 30.11 | 30.47 | 29.53 | 50.7 | 47.6 | 59.2 | 54.5 | 49.0 | 46.5 | 53.1 | 51.7 | 62.7 | 44.7 | 53.7 | 79 | 32 | 50 | 48 | 51 | 53 | 50 | 83 | 87 | 54 | 75 | 75 |
| Year | 30.00 | 30.06 | 30.55 | 29.37 | 61.2 | 59.3 | 72.6 | 67.2 | 58.8 | 57.3 | 62.6 | 61.6 | 75.8 | 57.7 | 66.7 | 98 | 18 | 47 | 45 | 48 | 49 | 47 | 88 | 91 | 68 | 82 | 82 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Milwaukee, Wis., 681 feet; Minneapolis, Minn., 719 feet; Missoula, Mont., 3,263 feet; Mobile, Ala. 37 feet.

[2] Airport data.

## MILWAUKEE, WIS.

[$H$=674 ft.; $H_b$=693 ft.; $H_t$=33 ft.; $H_r$=33 ft.; $H_a$=66 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.16 | 0.87 | 8.1 | 5.9 | 13.7 | sw. | 37 | sw. | 4 | 8 | 11 | 12 | 6 | 3 | 11 | 5 | 0 | 10 | 2 | 1 | 0 | 11 | 0 | 0 | 29 | 9 | 1 |
| February | .50 | .25 | 6.4 | 7.7 | 11.3 | nw. | 31 | nw. | 0 | 4 | 5 | 19 | 8 | 4 | 14 | 6 | 0 | 7 | 4 | 2 | 3 | 21 | 0 | 0 | 27 | 3 | 0 |
| March | 1.46 | .70 | 1.8 | 7.7 | 13.8 | nw. | 38 | w. | 5 | 3 | 8 | 20 | 12 | 8 | 16 | 7 | 0 | 12 | 2 | 1 | 1 | 0 | 0 | 0 | 19 | 0 | 2 |
| April | .81 | .31 | T | 5.5 | 13.6 | sw. | 42 | s. | 4 | 8 | 12 | 10 | 4 | 3 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 3 |
| May | 4.49 | 1.33 | .0 | 7.2 | 12.7 | n. | 44 | sw. | 5 | 5 | 9 | 17 | 18 | 15 | 0 | 0 | 0 | 11 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| June | 4.26 | 1.17 | .0 | 6.9 | 9.3 | ne. | 28 | sw. | 0 | 4 | 11 | 15 | 9 | 7 | 0 | 0 | 0 | 11 | 7 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 7 |
| July | 3.58 | 2.14 | .0 | 5.4 | 10.1 | sw. | 35 | sw. | 2 | 10 | 11 | 10 | 9 | 6 | 0 | 0 | 0 | 7 | 1 | 1 | 2 | 0 | 4 | 2 | 0 | 0 | 8 |
| August | 4.14 | 1.86 | .0 | 5.4 | 10.0 | sw. | 33 | sw. | 1 | 12 | 8 | 11 | 8 | 6 | 0 | 0 | 0 | 13 | 5 | 5 | 6 | 0 | 2 | 0 | 0 | 0 | 6 |
| September | 3.43 | .63 | T | 6.2 | 10.4 | sw. | 39 | sw. | 3 | 8 | 10 | 12 | 14 | 12 | 4 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 6 |
| October | 2.44 | 1.26 | T | 5.2 | 11.9 | w. | 48 | sw. | 5 | 13 | 6 | 12 | 11 | 6 | 3 | 0 | 0 | 13 | 5 | 2 | 3 | 0 | 0 | 0 | 6 | 0 | 5 |
| November | 3.27 | 1.35 | 5.1 | 7.3 | 14.7 | nw. | 39 | s. | 7 | 5 | 7 | 18 | 10 | 8 | 7 | 3 | 1 | 11 | 1 | 1 | 1 | 1 | 0 | 0 | 14 | 0 | 2 |
| December | 2.55 | 1.93 | 8.1 | 7.6 | 13.3 | nw. | 40 | ne. | 3 | 6 | 4 | 21 | 10 | 7 | 16 | 5 | 0 | 14 | 3 | 3 | 2 | 20 | 0 | 0 | 30 | 3 | 1 |
| Year | 32.09 | 2.14 | 29.5 | 6.5 | 12.1 | sw. | 48 | sw. | 39 | 86 | 102 | 177 | 119 | 85 | 72 | 26 | 1 | 126 | 32 | 21 | 23 | 53 | 6 | 2 | 133 | 15 | 48 |

## MINNEAPOLIS, MINN.

Airport [$H$=830 ft.; $H_b$=838 ft.; $H_t$=43 ft.; $H_r$=42 ft.; $H_a$=61 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.15 | 0.12 | 1.7 | 4.8 | 10.6 | nw. | 38 | nw. | 2 | 14 | 6 | 11 | 2 | 1 | 11 | 2 | 0 | 10 | 1 | 1 | 1 | 12 | 0 | 0 | 31 | 9 | 0 |
| February | .45 | .17 | 5.2 | 7.6 | 9.0 | n. | 28 | nw. | 0 | 3 | 6 | 19 | 8 | 3 | 16 | 8 | 0 | 7 | 0 | 0 | 0 | 19 | 0 | 0 | 28 | 5 | 0 |
| March | 1.74 | .76 | 4.6 | 7.6 | 12.0 | nw. | 34 | se. | 2 | 4 | 7 | 20 | 13 | 8 | 17 | 10 | 0 | 15 | 1 | 1 | 1 | 1 | 0 | 0 | 25 | 0 | 0 |
| April | 3.41 | 1.51 | T | 5.5 | 11.8 | s. | 40 | w. | 2 | 7 | 12 | 11 | 6 | 6 | 2 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 5 |
| May | 6.78 | 2.63 | .0 | 7.4 | 10.6 | se. | 42 | nw. | 3 | 5 | 8 | 18 | 15 | 11 | 0 | 0 | 1 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| June | 2.69 | 1.41 | .0 | 7.1 | 10.2 | se. | 42 | nw. | 2 | 4 | 10 | 16 | 10 | 7 | 0 | 0 | 0 | 10 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 6 |
| July | 3.80 | 1.48 | .0 | 6.0 | 8.5 | se. | 33 | w. | 1 | 7 | 13 | 11 | 10 | 6 | 0 | 0 | 0 | 13 | 3 | 1 | 0 | 0 | 4 | 2 | 0 | 0 | 13 |
| August | 2.11 | 1.13 | .0 | 5.6 | 9.1 | s. | 29 | se. | 0 | 8 | 12 | 11 | 10 | 6 | 0 | 0 | 0 | 16 | 2 | 1 | 2 | 0 | 3 | 0 | 0 | 0 | 4 |
| September | 7.53 | 3.55 | 1.7 | 6.8 | 9.6 | se. | 35 | nw. | 2 | 6 | 7 | 17 | 9 | 8 | 4 | 2 | 0 | 6 | 2 | 2 | 1 | 0 | 1 | 0 | 5 | 0 | 4 |
| October | .78 | .36 | .3 | 4.5 | 9.4 | w. | 34 | w. | 1 | 15 | 5 | 11 | 6 | 3 | 7 | 3 | 0 | 6 | 3 | 1 | 1 | 0 | 0 | 0 | 8 | 0 | 2 |
| November | .27 | .18 | .9 | 7.0 | 11.5 | nw. | 32 | nw. | 2 | 3 | 11 | 16 | 2 | 2 | 8 | 1 | 0 | 6 | 0 | 0 | 0 | 5 | 0 | 0 | 25 | 0 | 0 |
| December | .85 | .22 | 7.0 | 7.5 | 9.8 | nw. | 27 | s. | 0 | 5 | 6 | 20 | 8 | 6 | 23 | 7 | 0 | 13 | 5 | 2 | 0 | 27 | 0 | 0 | 31 | 8 | 0 |
| Year | 30.56 | 3.55 | 21.4 | 6.4 | 10.2 | se. | 42 | nw. | 17 | 81 | 103 | 181 | 99 | 67 | 88 | 33 | 3 | 114 | 20 | 11 | 7 | 64 | 9 | 2 | 160 | 22 | 41 |

## MISSOULA, MONT.

Airport [$H$=3,202 ft.; $H_b$=3,189 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=28 ft.] City [$H$=3,200 ft.; $H_b$=3,263 ft.; $H_t$=80 ft.; $H_r$=77 ft.; $H_a$=91 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.55 | 0.34 | 10.6 | 7.2 | 4.3 | w. | 24 | e. | 0 | 5 | 10 | 16 | 6 | 5 | 15 | 4 | 0 | 11 | 9 | 7 | 4 | 21 | 0 | 0 | 31 | 8 | 0 |
| February | .71 | .24 | 10.6 | 7.5 | 5.8 | sw. | 39 | ne. | 3 | 4 | 7 | 17 | 13 | 8 | 20 | 13 | 0 | 3 | 1 | 1 | 1 | 11 | 0 | 0 | 27 | 2 | 0 |
| March | .33 | .19 | 3.2 | 7.4 | 5.8 | sw. | 37 | w. | 1 | 4 | 10 | 17 | 5 | 3 | 14 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 |
| April | .66 | .29 | T | 6.6 | 7.0 | e. | 27 | nw. | 0 | 7 | 6 | 17 | 8 | 6 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 1 |
| May | 3.77 | .73 | .8 | 7.5 | 6.4 | e. | 36 | ne. | 2 | 3 | 9 | 19 | 19 | 14 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |
| June | 2.05 | .40 | .0 | 6.8 | 6.2 | w. | 27 | nw. | 0 | 4 | 12 | 14 | 14 | 10 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | .55 | .16 | .0 | 2.7 | 6.7 | se. | 27 | ne. | 0 | 21 | 9 | 1 | 8 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 3 | 0 | 0 | 8 |
| August | .64 | .29 | .0 | 2.8 | 6.5 | w. | 34 | e. | 1 | 21 | 6 | 4 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 3 | 0 | 0 | 6 |
| September | 1.51 | 1.25 | .0 | 4.1 | 6.2 | e. | 33 | e. | 1 | 14 | 10 | 6 | 6 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| October | 1.21 | .43 | .4 | 6.0 | 5.7 | se. | 26 | e. | 0 | 10 | 6 | 15 | 10 | 6 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| November | 1.41 | .33 | 12.1 | 8.5 | 5.6 | se. | 28 | w. | 0 | 1 | 7 | 22 | 17 | 10 | 19 | 10 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 24 | 0 | 0 |
| December | 1.50 | .30 | 12.7 | 8.9 | 5.1 | sw. | 24 | sw. | 0 | 0 | 6 | 25 | 18 | 14 | 21 | 17 | 0 | 5 | 6 | 1 | 2 | 8 | 0 | 0 | 30 | 0 | 0 |
| Year | 14.89 | 1.25 | 50.4 | 6.3 | 5.9 | w. | 39 | ne. | 8 | 94 | 98 | 173 | 129 | 90 | 100 | 52 | 3 | 25 | 17 | 9 | 7 | 44 | 26 | 6 | 156 | 10 | 27 |

## MOBILE, ALA.

Airport [$H$=212 ft.; $H_b$=221 ft.; $H_t$=6 ft.; $H_r$=4 ft.; $H_a$=28 ft.] City [$H$=10 ft.; $H_b$=57 ft.; $H_t$=86 ft.; $H_r$=78 ft.; $H_a$=161 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.10 | 0.93 | 0.0 | 4.5 | 10.9 | n. | 30 | s. | 0 | 15 | 9 | 7 | 8 | 6 | 0 | 0 | 0 | 4 | 0 | 1 | 2 | 0 | 0 | 0 | 6 | 0 | 3 |
| February | 7.32 | 3.01 | T | 6.3 | 10.5 | n. | 32 | s. | 1 | 5 | 12 | 11 | 8 | 7 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 3 |
| March | 7.43 | 2.59 | .0 | 5.8 | 11.4 | s. | 29 | nw. | 0 | 11 | 4 | 16 | 15 | 12 | 0 | 0 | 0 | 3 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 5 |
| April | 2.20 | 1.88 | .0 | 5.0 | 9.1 | s. | 26 | s. | 0 | 10 | 11 | 9 | 2 | 2 | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| May | 6.36 | 1.96 | .0 | 5.2 | 8.1 | s. | 32 | se. | 1 | 8 | 14 | 9 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 6 |
| June | 13.07 | 6.67 | .0 | 6.3 | 6.2 | s. | 22 | s. | 0 | 3 | 18 | 9 | 14 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 2 | 0 | 0 | 13 |
| July | 6.73 | 1.31 | .0 | 6.6 | 5.0 | s. | 25 | s. | 0 | 2 | 17 | 12 | 21 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 6 | 0 | 0 | 19 |
| August | 6.54 | 2.34 | .0 | 6.4 | 5.7 | e. | 20 | sw. | 0 | 0 | 23 | 8 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 3 | 0 | 0 | 10 |
| September | 4.98 | 2.38 | .0 | 5.0 | 6.6 | n. | 22 | n. | 0 | 11 | 13 | 6 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 5 |
| October | 3.18 | 2.63 | .0 | 4.7 | 5.9 | n. | 24 | n. | 0 | 8 | 17 | 6 | 7 | 5 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | 1.58 | .81 | .0 | 3.5 | 6.4 | n. | 25 | n. | 0 | 18 | 4 | 8 | 7 | 5 | 0 | 0 | 0 | 4 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 7.80 | 4.06 | T | 6.5 | 7.5 | n. | 24 | n. | 0 | 7 | 6 | 18 | 10 | 8 | 1 | 0 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 5 |
| Year | 71.29 | 6.67 | T | 5.5 | 7.8 | n. | 32 | s. | 2 | 98 | 148 | 119 | 117 | 97 | 2 | 0 | 0 | 23 | 6 | 8 | 14 | 0 | 60 | 11 | 10 | 0 | 76 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

MODENA, UTAH
[$\phi$=37°48′ N.; $\lambda$=113°54′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | *In.* | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 24.74 | 30.29 | 25.06 | 24.26 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 35.4 | 12.1 | 23.8 | 54 | −14 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| February | 24.53 | 29.99 | 24.76 | 24.13 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 39.5 | 17.5 | 28.5 | 52 | −1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| March | 24.59 | 30.01 | 24.89 | 24.10 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 50.9 | 22.2 | 36.6 | 68 | 12 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| April | 24.52 | 29.84 | 24.71 | 24.16 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 61.0 | 30.8 | 45.9 | 74 | 22 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| May | 24.55 | 29.83 | 24.87 | 24.22 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 68.6 | 33.9 | 51.2 | 84 | 22 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| June | 24.57 | 29.77 | 24.88 | 24.35 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 82.1 | 44.7 | 63.4 | 90 | 34 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| July | 24.70 | 29.87 | 24.86 | 24.57 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 91.1 | 54.1 | 72.6 | 97 | 47 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| August | 24.66 | 29.87 | 24.83 | 24.37 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 86.3 | 52.4 | 69.4 | 95 | 41 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| September | 24.66 | 29.94 | 24.89 | 24.36 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 79.9 | 39.6 | 59.8 | 86 | 24 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| October | 24.68 | 30.03 | 24.88 | 24.17 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 66.4 | 34.0 | 50.2 | 82 | 19 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| November | 24.66 | 30.09 | 25.02 | 24.18 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 53.1 | 23.7 | 38.4 | 71 | 5 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| December | 24.68 | 30.17 | 24.98 | 24.15 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 47.4 | 20.3 | 33.8 | 59 | 9 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| Year | 24.63 | 29.98 | 25.06 | 24.10 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 63.5 | 32.1 | 47.8 | 97 | −14 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |

MONTGOMERY, ALA.
Airport [$\phi$=32°24′ N.; $\lambda$=86°14′ W.] City [$\phi$=32°23′ N.; $\lambda$=86°18′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.94 | 30.18 | 30.33 | 29.42 | 41.6 | 36.7 | 51.6 | 48.5 | 38.6 | 34.6 | 43.2 | 42.1 | 56.0 | 35.9 | 46.0 | 71 | 16 | 34 | 32 | 32 | 33 | 33 | 74 | 81 | 50 | 57 | 65 |
| February | 29.82 | 30.05 | 30.21 | 29.16 | 41.6 | 39.1 | 50.6 | 48.6 | 38.4 | 36.4 | 43.6 | 42.9 | 53.9 | 37.5 | 45.7 | 73 | 26 | 34 | 33 | 34 | 36 | 34 | 75 | 78 | 56 | 62 | 68 |
| March | 29.75 | 28.98 | 30.05 | 29.32 | 52.0 | 48.3 | 60.5 | 59.7 | 48.3 | 46.1 | 51.9 | 51.1 | 65.5 | 47.3 | 56.4 | 79 | 33 | 44 | 44 | 43 | 42 | 43 | 76 | 84 | 58 | 56 | 68 |
| April | 29.86 | 30.09 | 30.08 | 29.53 | 59.3 | 54.3 | 75.0 | 72.3 | 53.0 | 51.0 | 59.1 | 58.0 | 78.0 | 55.2 | 66.6 | 92 | 39 | 47 | 48 | 46 | 46 | 47 | 66 | 80 | 38 | 42 | 57 |
| May | 29.79 | 30.02 | 29.98 | 29.54 | 66.8 | 64.1 | 79.8 | 77.9 | 61.9 | 60.8 | 65.9 | 65.3 | 82.7 | 63.0 | 72.8 | 92 | 52 | 59 | 59 | 57 | 57 | 58 | 76 | 83 | 48 | 52 | 65 |
| June | 29.73 | 29.96 | 29.94 | 29.50 | 73.0 | 72.8 | 85.6 | 81.1 | 70.4 | 69.7 | 73.3 | 72.4 | 88.6 | 70.5 | 79.6 | 95 | 65 | 69 | 69 | 68 | 68 | 68 | 88 | 87 | 57 | 68 | 75 |
| July | 29.84 | 30.07 | 30.02 | 29.65 | 75.2 | 74.9 | 87.9 | 83.6 | 72.8 | 72.8 | 76.1 | 74.9 | 90.9 | 73.2 | 82.0 | 99 | 70 | 72 | 72 | 71 | 71 | 72 | 90 | 90 | 59 | 68 | 77 |
| August | 29.82 | 30.04 | 30.02 | 29.64 | 73.2 | 71.8 | 85.3 | 80.8 | 70.9 | 70.0 | 74.6 | 73.6 | 88.1 | 71.1 | 79.6 | 94 | 65 | 70 | 69 | 70 | 70 | 70 | 90 | 92 | 62 | 72 | 79 |
| September | 29.81 | 30.04 | 30.14 | 29.47 | 68.6 | 66.1 | 82.6 | 76.7 | 66.1 | 64.6 | 69.7 | 68.9 | 84.8 | 66.2 | 75.5 | 94 | 47 | 65 | 64 | 63 | 65 | 64 | 88 | 92 | 53 | 69 | 75 |
| October | 29.80 | 30.03 | 30.06 | 29.46 | 60.2 | 56.3 | 76.1 | 68.8 | 58.2 | 55.2 | 63.1 | 61.8 | 78.5 | 57.8 | 68.2 | 86 | 38 | 57 | 54 | 55 | 57 | 56 | 89 | 93 | 50 | 68 | 75 |
| November | 29.91 | 30.14 | 30.15 | 29.58 | 52.6 | 48.5 | 66.2 | 60.9 | 49.2 | 46.3 | 55.4 | 52.9 | 69.6 | 47.4 | 58.5 | 81 | 32 | 46 | 44 | 46 | 46 | 45 | 78 | 84 | 51 | 58 | 68 |
| December | 29.88 | 30.12 | 30.33 | 29.20 | 46.8 | 43.7 | 54.3 | 52.9 | 44.4 | 42.2 | 48.6 | 48.1 | 60.5 | 41.1 | 50.8 | 80 | 29 | 42 | 40 | 42 | 43 | 42 | 83 | 88 | 66 | 70 | 77 |
| Year | 29.83 | 30.06 | 30.33 | 29.16 | 59.2 | 56.4 | 71.3 | 67.6 | 56.0 | 54.1 | 60.4 | 59.3 | 74.8 | 55.5 | 65.1 | 99 | 16 | 53 | 52 | 52 | 53 | 53 | 81 | 86 | 54 | 62 | 71 |

MOUNT WASHINGTON OBSERVATORY, N. H.
[$\phi$=44°16′ N.; $\lambda$=71°18′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 23.33 | 29.99 | 23.72 | 22.84 | 5.4 | 2.5 | 4.6 | 3.1 | 3.6 | 1.9 | 4.2 | 2.6 | 11.5 | −5.5 | 3.0 | 33 | −33 | 2 | 0 | 4 | 6 | 1 | 90 | 89 | 91 | 90 | 90 |
| February | 23.14 | 29.78 | 23.66 | 22.62 | 1.2 | 1.5 | 4.6 | 0.7 | 0.8 | 1.2 | 4.4 | 0.3 | 9.9 | −7.3 | 1.3 | 32 | −25 | −2 | 0 | 3 | −2 | 0 | 90 | 94 | 95 | 90 | 92 |
| March | 23.41 | 29.84 | 23.90 | 22.50 | 13.9 | 14.4 | 18.0 | 16.4 | 13.3 | 13.5 | 17.3 | 15.6 | 22.2 | 7.8 | 15.0 | 39 | −2 | 12 | 12 | 16 | 14 | 13 | 91 | 88 | 92 | 89 | 90 |
| April | 23.63 | 30.00 | 24.00 | 23.04 | 25.1 | 25.4 | 28.6 | 27.2 | 23.6 | 23.7 | 26.4 | 25.0 | 32.1 | 20.2 | 26.2 | 49 | 1 | 21 | 21 | 23 | 22 | 22 | 87 | 85 | 83 | 82 | 84 |
| May | 23.83 | 30.04 | 24.08 | 23.53 | 38.2 | 38.9 | 43.6 | 40.4 | 37.3 | 37.4 | 41.3 | 39.1 | 45.7 | 33.6 | 39.6 | 56 | 20 | 36 | 36 | 40 | 38 | 37 | 93 | 90 | 88 | 91 | 90 |
| June | 23.84 | 29.96 | 24.15 | 23.58 | 44.6 | 44.7 | 50.1 | 47.0 | 43.0 | 43.4 | 47.6 | 45.5 | 52.3 | 40.8 | 46.6 | 67 | 32 | 41 | 42 | 46 | 44 | 43 | 90 | 92 | 86 | 91 | 90 |
| July | 23.88 | 29.98 | 24.27 | 23.57 | 46.0 | 46.3 | 50.4 | 48.0 | 45.6 | 46.0 | 49.1 | 47.1 | 53.3 | 42.2 | 47.8 | 62 | 29 | 45 | 46 | 48 | 46 | 46 | 97 | 98 | 93 | 95 | 96 |
| August | 23.91 | 30.05 | 24.22 | 23.54 | 45.1 | 44.9 | 49.4 | 46.4 | 43.9 | 43.5 | 47.5 | 45.3 | 51.8 | 40.3 | 46.0 | 62 | 25 | 43 | 43 | 46 | 45 | 44 | 94 | 91 | 90 | 94 | 92 |
| September | 23.88 | 30.06 | 24.15 | 23.48 | 41.1 | 41.0 | 45.3 | 41.7 | 38.9 | 38.5 | 43.0 | 40.9 | 48.4 | 35.0 | 41.7 | 64 | 11 | 37 | 36 | 41 | 39 | 38 | 87 | 85 | 87 | 90 | 87 |
| October | 23.77 | 30.10 | 24.33 | 23.13 | 32.2 | 33.1 | 36.3 | 33.6 | 28.5 | 29.1 | 32.7 | 30.4 | 38.5 | 26.5 | 32.5 | 49 | 12 | 22 | 22 | 28 | 25 | 24 | 73 | 71 | 76 | 77 | 74 |
| November | 23.54 | 29.96 | 24.12 | 22.80 | 18.5 | 18.4 | 20.7 | 18.9 | 17.4 | 17.6 | 19.6 | 17.7 | 26.5 | 9.7 | 18.1 | 46 | −12 | 15 | 16 | 17 | 15 | 16 | 88 | 91 | 88 | 87 | 89 |
| December | 23.28 | 29.80 | 24.18 | 22.02 | 3.1 | 3.6 | 3.3 | 1.7 | 2.6 | 2.8 | 2.9 | 1.2 | 10.9 | −5.5 | 2.7 | 32 | −45 | 2 | 0 | 1 | 0 | 1 | 92 | 88 | 93 | 92 | 91 |
| Year | 23.62 | 29.96 | 24.33 | 22.02 | 26.2 | 26.2 | 29.6 | 27.1 | 24.9 | 24.9 | 28.0 | 25.9 | 33.6 | 19.8 | 26.7 | 67 | −45 | 23 | 23 | 26 | 24 | 24 | 89 | 88 | 88 | 89 | 89 |

NANTUCKET, MASS.
[$\phi$=41°17′ N.; $\lambda$=70°06′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.00 | 30.01 | 30.51 | 29.30 | 29.9 | 29.1 | 34.6 | 31.5 | 28.0 | 27.4 | 31.4 | 29.5 | 38.3 | 24.5 | 31.4 | 54 | 8 | 24 | 24 | 26 | 26 | 25 | 77 | 80 | 70 | 78 | 76 |
| February | 29.73 | 29.75 | 30.37 | 29.24 | 26.7 | 26.2 | 32.4 | 29.3 | 24.6 | 24.2 | 28.8 | 26.7 | 34.6 | 22.6 | 28.6 | 48 | 11 | 20 | 20 | 21 | 21 | 20 | 73 | 74 | 63 | 69 | 70 |
| March | 29.85 | 29.86 | 30.37 | 29.00 | 36.9 | 38.2 | 43.5 | 37.7 | 34.9 | 36.1 | 39.4 | 35.7 | 45.3 | 34.1 | 39.7 | 56 | 31 | 32 | 33 | 34 | 33 | 33 | 82 | 82 | 70 | 83 | 79 |
| April | 29.98 | 30.00 | 30.36 | 29.45 | 41.7 | 44.8 | 50.1 | 43.1 | 40.5 | 42.7 | 44.9 | 41.2 | 52.8 | 38.8 | 45.8 | 79 | 31 | 39 | 40 | 39 | 39 | 39 | 90 | 85 | 69 | 85 | 82 |
| May | 30.05 | 30.07 | 30.30 | 29.75 | 52.2 | 55.1 | 60.7 | 53.1 | 51.1 | 53.5 | 56.8 | 51.9 | 62.5 | 49.7 | 56.1 | 72 | 41 | 50 | 52 | 54 | 50 | 52 | 93 | 91 | 79 | 92 | 89 |
| June | 29.95 | 29.96 | 30.32 | 29.55 | 58.5 | 63.1 | 68.1 | 60.4 | 57.5 | 60.4 | 62.3 | 58.9 | 70.1 | 56.3 | 63.2 | 79 | 47 | 57 | 59 | 59 | 58 | 58 | 94 | 86 | 74 | 91 | 86 |
| July | 29.96 | 29.98 | 30.31 | 29.67 | 64.9 | 67.8 | 73.0 | 65.9 | 63.3 | 65.0 | 66.5 | 63.8 | 74.8 | 62.5 | 68.6 | 84 | 58 | 62 | 63 | 63 | 63 | 63 | 92 | 86 | 72 | 89 | 85 |
| August | 30.04 | 30.05 | 30.40 | 29.69 | 64.5 | 68.2 | 73.3 | 65.8 | 62.5 | 64.6 | 65.5 | 63.1 | 74.9 | 62.2 | 68.6 | 85 | 54 | 61 | 62 | 61 | 61 | 61 | 89 | 82 | 67 | 86 | 81 |
| September | 30.04 | 30.05 | 30.48 | 29.72 | 60.6 | 62.4 | 68.8 | 60.9 | 59.4 | 60.0 | 62.2 | 59.4 | 70.5 | 57.1 | 63.8 | 85 | 43 | 58 | 58 | 58 | 58 | 58 | 93 | 87 | 70 | 91 | 85 |
| October | 30.06 | 30.08 | 30.61 | 29.42 | 53.9 | 54.2 | 59.4 | 53.9 | 51.8 | 51.4 | 53.9 | 51.7 | 61.1 | 50.6 | 55.8 | 70 | 41 | 50 | 49 | 49 | 50 | 49 | 86 | 83 | 70 | 86 | 81 |
| November | 30.01 | 30.02 | 30.58 | 29.27 | 43.9 | 44.3 | 48.5 | 44.6 | 41.3 | 41.3 | 43.9 | 41.4 | 52.2 | 38.9 | 45.6 | 65 | 24 | 37 | 37 | 38 | 37 | 37 | 78 | 76 | 68 | 75 | 74 |
| December | 29.98 | 29.99 | 30.83 | 28.66 | 31.3 | 30.7 | 35.2 | 32.1 | 29.2 | 28.9 | 31.8 | 29.7 | 38.7 | 25.9 | 32.3 | 56 | −3 | 25 | 26 | 26 | 25 | 26 | 77 | 80 | 68 | 75 | 75 |
| Year | 29.97 | 29.98 | 30.83 | 28.66 | 47.1 | 48.7 | 54.0 | 48.2 | 45.3 | 46.3 | 49.0 | 46.1 | 56.3 | 43.6 | 50.0 | 85 | −3 | 43 | 44 | 44 | 43 | 43 | 85 | 83 | 70 | 83 | 80 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Montgomery, Ala., 218 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

MODENA, UTAH

[$H$=5,460 ft.; $H_b$=5,473 ft.; $H_l$=10 ft.; $H_r$=3 ft.; $H_a$=46 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.33 | T | 5.7 | 5.6 | 6.7 | w. | 24 | s. | 0 | 7 | 14 | 10 | 1 | 1 | 8 | 1 | 0 | 9 | 4 | 0 | 3 | 11 | 0 | 0 | 31 | 5 | 0 |
| February | .51 | 0.34 | 8.3 | 6.6 | 8.9 | sw. | 32 | sw. | 1 | 6 | 8 | 14 | 8 | 2 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 27 | 1 | 0 |
| March | .69 | .32 | 4.5 | 4.7 | 9.4 | sw. | 35 | sw. | 2 | 12 | 8 | 11 | 6 | 4 | 8 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 1 |
| April | 1.59 | .71 | 1.5 | 5.8 | 11.2 | sw. | 39 | sw. | 5 | 7 | 11 | 12 | 7 | 5 | 6 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 18 | 0 | 4 |
| May | .06 | .04 | .0 | 4.4 | 11.5 | sw. | 43 | s. | 6 | 13 | 11 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 1 |
| June | T | T | .0 | 1.6 | 11.3 | sw. | 35 | s. | 2 | 24 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| July | .42 | .19 | .0 | 3.5 | 10.4 | sw. | 34 | n. | 1 | 14 | 13 | 4 | 8 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 4 | 0 | 0 | 14 |
| August | 2.49 | 1.25 | .0 | 3.2 | 10.0 | sw. | 35 | s. | 2 | 19 | 9 | 3 | 6 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 1 | 0 | 0 | 15 |
| September | T | T | .0 | 1.1 | 10.2 | w. | 35 | s. | 3 | 26 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| October | .82 | .37 | .9 | 3.9 | 8.1 | w. | 27 | sw. | 0 | 17 | 7 | 7 | 6 | 5 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 12 | 0 | 3 |
| November | .67 | .53 | 4.7 | 3.9 | 9.7 | sw. | 43 | sw. | 2 | 15 | 8 | 7 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 27 | 0 | 0 |
| December | .43 | .43 | T | 4.2 | 8.3 | w. | 30 | nw. | 0 | 13 | 12 | 6 | 2 | 2 | 3 | 1 | 1 | 1 | 6 | 0 | 0 | 1 | 0 | 0 | 29 | 0 | 1 |
| Year | 8.01 | 1.25 | 25.6 | 4.0 | 9.6 | sw. | 43 | s. | 24 | 173 | 110 | 82 | 49 | 30 | 44 | 17 | 9 | 11 | 10 | 0 | 5 | 19 | 34 | 5 | 188 | 6 | 41 |

MONTGOMERY, ALA.

Airport [$H$=198 ft.; $H_b$=202 ft.; $H_l$=5 ft.; $H_r$=3 ft.; $H_a$=50 ft.] City [$H$=201 ft.; $H_b$=218 ft.; $H_l$=92 ft.; $H_r$=90 ft.; $H_a$=105 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.00 | 1.15 | 0.1 | 4.5 | 7.8 | n. | 21 | se. | 0 | 15 | 6 | 10 | 7 | 5 | 2 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 0 | 3 |
| February | 3.67 | 1.68 | T | 6.3 | 8.4 | n. | 30 | sw. | 0 | 9 | 5 | 14 | 9 | 7 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 1 |
| March | 8.27 | 3.02 | T | 5.7 | 8.7 | s. | 25 | w. | 0 | 10 | 6 | 15 | 9 | 9 | 1 | 1 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| April | 1.82 | 1.80 | .0 | 3.9 | 6.7 | s. | 17 | nw. | 0 | 15 | 10 | 5 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| May | 4.03 | 1.20 | .0 | 4.8 | 6.3 | e. | 18 | w. | 0 | 11 | 15 | 5 | 6 | 6 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 6 |
| June | 6.29 | 2.58 | .0 | 6.4 | 6.4 | e. | 28 | w. | 0 | 6 | 13 | 11 | 15 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 13 |
| July | 3.95 | 1.73 | .0 | 5.3 | 5.7 | sw. | 27 | n. | 0 | 11 | 9 | 11 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 6 | 0 | 0 | 13 |
| August | 4.60 | 1.01 | .0 | 6.0 | 6.2 | e. | 24 | nw. | 0 | 6 | 14 | 11 | 10 | 8 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 11 |
| September | 2.44 | 2.21 | .0 | 4.7 | 6.1 | n. | 20 | nw. | 0 | 11 | 11 | 8 | 5 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 4 |
| October | 1.77 | .86 | .0 | 3.9 | 6.3 | n. | 21 | n. | 0 | 16 | 7 | 8 | 8 | 6 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 1.42 | .86 | .0 | 3.1 | 6.5 | e. | 18 | n. | 0 | 18 | 7 | 5 | 4 | 4 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 8.10 | 2.90 | .0 | 6.1 | 7.9 | n. | 34 | sw. | 1 | 9 | 8 | 14 | 14 | 11 | 0 | 0 | 0 | 10 | 4 | 4 | 2 | 0 | 0 | 0 | 2 | 0 | 4 |
| Year | 49.76 | 3.02 | .1 | 5.1 | 6.9 | n. | 34 | sw. | 1 | 137 | 111 | 117 | 102 | 84 | 4 | 2 | 1 | 26 | 12 | 9 | 5 | 1 | 57 | 6 | 19 | 0 | 61 |

MOUNT WASHINGTON OBSERVATORY, N. H.

[$H$=6,267 ft.; $H_b$=6,274 ft.; $H_l$=5 ft.; $H_r$=4 ft.; $H_a$=37 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.29 | 0.51 | 11.2 | 7.7 | 42.7 | nw. | 103 | sw. | 31 | 4 | 7 | 20 | 15 | 13 | 21 | 15 | 0 | 3 | 2 | 6 | 27 | 30 | 0 | 0 | 31 | 17 | 0 |
| February | 2.83 | .82 | 22.7 | 8.2 | 43.2 | w. | 125 | ne. | 27 | 5 | 2 | 21 | 14 | 13 | 18 | 14 | 0 | 0 | 8 | 2 | 24 | 27 | 0 | 0 | 28 | 21 | 0 |
| March | 3.74 | .64 | 28.7 | 7.9 | 42.3 | w. | 180 | w. | 31 | 5 | 4 | 22 | 15 | 14 | 19 | 15 | 0 | 1 | 5 | 0 | 28 | 28 | 0 | 0 | 31 | 1 | 1 |
| April | 4.71 | 1.25 | 26.3 | 7.0 | 28.9 | w. | 107 | sw. | 25 | 6 | 7 | 17 | 14 | 12 | 12 | 11 | 0 | 1 | 6 | 2 | 23 | 16 | 0 | 0 | 25 | 0 | 2 |
| May | 3.61 | 1.10 | 2.0 | 8.5 | 28.3 | w. | 95 | sw. | 28 | 1 | 8 | 22 | 13 | 13 | 3 | 2 | 0 | 1 | 12 | 6 | 25 | 2 | 0 | 0 | 11 | 0 | 2 |
| June | 9.44 | 2.90 | .1 | 8.2 | 20.3 | w. | 76 | e. | 28 | 3 | 3 | 24 | 17 | 14 | 0 | 0 | 3 | 1 | 1 | 3 | 26 | 0 | 0 | 0 | 1 | 0 | 6 |
| July | 5.08 | 1.44 | .0 | 8.8 | 21.6 | w. | 76 | nw. | 22 | 1 | 3 | 27 | 21 | 18 | 0 | 0 | 1 | 4 | 2 | 9 | 29 | 0 | 0 | 0 | 3 | 0 | 4 |
| August | 4.56 | 1.98 | .0 | 7.9 | 24.8 | w. | 110 | w. | 23 | 3 | 5 | 23 | 16 | 15 | 0 | 0 | 0 | 3 | 10 | 6 | 25 | 0 | 0 | 0 | 5 | 0 | 1 |
| September | 7.70 | 3.23 | .0 | 6.4 | 24.8 | w. | 124 | se. | 26 | 9 | 5 | 16 | 12 | 11 | 0 | 0 | 0 | 6 | 6 | 1 | 25 | 1 | 0 | 0 | 10 | 0 | 1 |
| October | 4.98 | 1.70 | 4.0 | 6.7 | 25.2 | w. | 75 | w. | 23 | 7 | 8 | 16 | 11 | 11 | 5 | 4 | 1 | 1 | 0 | 1 | 24 | 6 | 0 | 0 | 22 | 0 | 1 |
| November | 9.88 | 2.37 | 25.3 | 7.7 | 38.4 | w. | 110 | nw. | 30 | 3 | 8 | 19 | 16 | 13 | 12 | 10 | 0 | 3 | 5 | 1 | 25 | 19 | 0 | 0 | 30 | 8 | 0 |
| December | 7.75 | 3.06 | 28.7 | 8.0 | 48.7 | w. | 175 | w. | 31 | 5 | 3 | 23 | 16 | 16 | 17 | 15 | 0 | 2 | 11 | 4 | 30 | 31 | 0 | 0 | 31 | 17 | 1 |
| Year | 66.27 | 3.23 | 148.9 | 7.8 | 32.4 | w. | 180 | w. | 325 | 52 | 63 | 250 | 180 | 163 | 107 | 86 | 5 | 26 | 68 | 41 | 311 | 160 | 0 | 0 | 228 | 64 | 19 |

NANTUCKET, MASS.

[$H$=35 ft.; $H_b$=12 ft.; $H_l$=11 ft.; $H_r$=4 ft.; $H_a$=59 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.24 | 1.23 | 18.7 | 6.4 | 12.5 | w. | 44 | ne. | 2 | 10 | 5 | 16 | 11 | 11 | 12 | 6 | 0 | 9 | 3 | 2 | 0 | 7 | 0 | 0 | 22 | 0 | 1 |
| February | 2.74 | 1.26 | 3.6 | 5.1 | 12.2 | nw. | 35 | e. | 1 | 10 | 10 | 8 | 9 | 7 | 13 | 3 | 0 | 6 | 5 | 4 | 3 | 11 | 0 | 0 | 25 | 0 | 0 |
| March | 7.42 | 1.71 | T | 5.8 | 13.0 | w. | 40 | e. | 3 | 10 | 7 | 14 | 14 | 13 | 6 | 2 | 0 | 11 | 3 | 3 | 3 | 0 | 0 | 0 | 10 | 0 | 0 |
| April | .90 | .58 | 1.8 | 5.1 | 11.1 | sw. | 30 | ne. | 0 | 13 | 6 | 11 | 12 | 3 | 3 | 1 | 0 | 15 | 5 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| May | 2.11 | 1.29 | .0 | 6.1 | 10.5 | sw. | 27 | sw. | 0 | 7 | 13 | 11 | 8 | 5 | 0 | 0 | 0 | 22 | 16 | 14 | 9 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | 1.63 | .85 | .0 | 6.7 | 9.2 | sw. | 23 | sw. | 0 | 7 | 9 | 14 | 13 | 8 | 0 | 0 | 0 | 23 | 14 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 2.18 | 1.04 | .0 | 5.8 | 10.4 | sw. | 25 | ne. | 0 | 10 | 8 | 13 | 7 | 6 | 0 | 0 | 0 | 26 | 10 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 2 |
| August | 7.12 | 2.73 | .0 | 6.0 | 10.1 | sw. | 26 | ne. | 0 | 8 | 10 | 13 | 7 | 6 | 0 | 0 | 0 | 18 | 10 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 2.46 | .99 | .0 | 5.2 | 10.3 | ne. | 30 | ne. | 0 | 11 | 9 | 10 | 6 | 5 | 0 | 0 | 0 | 24 | 13 | 12 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 3.70 | 1.93 | .0 | 5.5 | 11.3 | ne. | 35 | ne. | 1 | 12 | 5 | 14 | 7 | 7 | 0 | 0 | 0 | 20 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | 3.40 | .86 | T | 6.4 | 11.9 | nw. | 30 | sw. | 0 | 7 | 9 | 14 | 15 | 10 | 3 | 0 | 0 | 16 | 4 | 3 | 3 | 0 | 0 | 0 | 5 | 0 | 1 |
| December | 4.56 | .95 | 13.0 | 6.5 | 13.3 | nw. | 38 | sw. | 2 | 10 | 5 | 16 | 15 | 12 | 14 | 8 | 0 | 15 | 2 | 2 | 2 | 5 | 0 | 0 | 21 | 1 | 1 |
| Year | 42.46 | 2.73 | 37.1 | 5.9 | 11.3 | sw. | 44 | ne. | 9 | 115 | 96 | 154 | 124 | 93 | 51 | 20 | 0 | 205 | 87 | 73 | 53 | 23 | 0 | 0 | 84 | 1 | 10 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

NASHVILLE, TENN.

Airport [$\phi$=36°07′ N.; $\lambda$=86°41′ W.] City [$\phi$=36°10′ N.; $\lambda$=86°47′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature: Mean: Dry bulb: 1:30 a. m. | Temperature: Mean: Dry bulb: 7:30 a. m. | Temperature: Mean: Dry bulb: 1:30 p. m. | Temperature: Mean: Dry bulb: 7:30 p. m. | Temperature: Mean: Wet bulb: 1:30 a. m. | Temperature: Mean: Wet bulb: 7:30 a. m. | Temperature: Mean: Wet bulb: 1:30 p. m. | Temperature: Mean: Wet bulb: 7:30 p. m. | Temperature: Mean: Maximum | Temperature: Mean: Minimum | Temperature: Mean: Monthly | Temperature: Extremes: Maximum | Temperature: Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Moisture: Mean: Dew point: 7:30 a. m. | Moisture: Mean: Dew point: 1:30 p. m. | Moisture: Mean: Dew point: 7:30 p. m. | Moisture: Mean: Dew point: Monthly | Moisture: Mean: Relative humidity: 1:30 a. m. | Moisture: Mean: Relative humidity: 7:30 a. m. | Moisture: Mean: Relative humidity: 1:30 p. m. | Moisture: Mean: Relative humidity: 7:30 p. m. | Moisture: Mean: Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 29.56 | 30.17 | 30.01 | 28.88 | 33.0 | 29.1 | 41.3 | 38.0 | 30.1 | 27.3 | 35.5 | 33.5 | 45.6 | 24.5 | 35.0 | 71 | −9 | 25 | 24 | 27 | 27 | 26 | 73 | 80 | 58 | 63 | 69 |
| February | 29.46 | 30.06 | 29.82 | 28.76 | 34.5 | 33.0 | 40.5 | 39.4 | 31.7 | 30.6 | 35.2 | 35.1 | 45.1 | 29.2 | 37.2 | 65 | 12 | 27 | 27 | 27 | 28 | 28 | 74 | 77 | 58 | 65 | 68 |
| March | 29.34 | 29.93 | 29.67 | 28.65 | 47.4 | 43.1 | 57.8 | 54.7 | 42.9 | 40.2 | 48.1 | 46.9 | 61.6 | 39.4 | 50.5 | 80 | 26 | 38 | 37 | 38 | 38 | 38 | 70 | 79 | 51 | 56 | 64 |
| April | 29.51 | 30.09 | 29.76 | 29.00 | 55.6 | 52.9 | 69.5 | 67.0 | 50.6 | 48.8 | 56.0 | 55.2 | 73.0 | 49.5 | 61.2 | 89 | 30 | 46 | 45 | 45 | 45 | 45 | 71 | 76 | 44 | 48 | 60 |
| May | 29.43 | 30.01 | 29.64 | 29.15 | 62.7 | 61.5 | 75.8 | 73.4 | 58.2 | 57.3 | 62.6 | 62.0 | 79.7 | 57.0 | 68.4 | 91 | 42 | 55 | 54 | 54 | 55 | 55 | 77 | 78 | 49 | 54 | 65 |
| June | 29.37 | 29.94 | 29.59 | 29.12 | 71.7 | 71.6 | 85.1 | 81.9 | 67.1 | 67.2 | 70.9 | 70.3 | 88.9 | 66.8 | 77.8 | 97 | 55 | 65 | 65 | 64 | 65 | 65 | 80 | 80 | 50 | 58 | 67 |
| July | 29.46 | 30.04 | 29.64 | 29.30 | 74.3 | 74.1 | 87.2 | 84.3 | 70.7 | 70.3 | 74.1 | 73.7 | 91.8 | 70.8 | 81.3 | 97 | 59 | 69 | 69 | 68 | 69 | 69 | 84 | 84 | 55 | 62 | 71 |
| August | 29.45 | 30.03 | 29.68 | 29.28 | 71.2 | 70.0 | 83.1 | 79.0 | 69.2 | 68.1 | 72.7 | 71.7 | 86.7 | 67.2 | 77.0 | 99 | 53 | 68 | 67 | 68 | 68 | 68 | 90 | 91 | 62 | 71 | 79 |
| September | 29.48 | 30.06 | 29.85 | 29.13 | 64.3 | 61.9 | 77.5 | 73.2 | 61.7 | 60.0 | 65.6 | 65.4 | 81.1 | 59.1 | 70.1 | 93 | 37 | 66 | 59 | 58 | 60 | 59 | 86 | 89 | 54 | 66 | 74 |
| October | 29.46 | 30.04 | 29.73 | 28.96 | 55.3 | 50.7 | 70.5 | 64.6 | 52.1 | 48.7 | 57.5 | 55.7 | 74.2 | 48.5 | 61.4 | 85 | 27 | 50 | 47 | 48 | 49 | 48 | 81 | 87 | 46 | 57 | 68 |
| November | 29.52 | 30.11 | 29.86 | 29.05 | 50.1 | 45.9 | 58.9 | 54.3 | 46.0 | 43.2 | 50.1 | 47.9 | 62.9 | 42.6 | 52.8 | 80 | 27 | 41 | 40 | 41 | 41 | 41 | 73 | 80 | 55 | 63 | 68 |
| December | 29.52 | 30.11 | 29.92 | 28.82 | 37.9 | 36.2 | 42.9 | 41.0 | 35.7 | 34.5 | 39.2 | 38.6 | 47.1 | 32.0 | 39.6 | 72 | 10 | 33 | 32 | 34 | 34 | 33 | 81 | 84 | 71 | 75 | 78 |
| Year | 29.46 | 30.05 | 30.01 | 28.65 | 54.8 | 52.5 | 65.8 | 62.6 | 51.3 | 49.7 | 55.6 | 54.6 | 69.8 | 48.9 | 59.4 | 99 | −9 | 48 | 47 | 48 | 48 | 48 | 78 | 82 | 54 | 62 | 69 |

NEW HAVEN, CONN.

Airport [$\phi$=41°16′ N.; $\lambda$=72°54′ W.] City [$\phi$=41°18′ N.; $\lambda$=72°56′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature: Mean: Dry bulb: 1:30 a. m. | Temperature: Mean: Dry bulb: 7:30 a. m. | Temperature: Mean: Dry bulb: 1:30 p. m. | Temperature: Mean: Dry bulb: 7:30 p. m. | Temperature: Mean: Wet bulb: 1:30 a. m. | Temperature: Mean: Wet bulb: 7:30 a. m. | Temperature: Mean: Wet bulb: 1:30 p. m. | Temperature: Mean: Wet bulb: 7:30 p. m. | Temperature: Mean: Maximum | Temperature: Mean: Minimum | Temperature: Mean: Monthly | Temperature: Extremes: Maximum | Temperature: Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Moisture: Mean: Dew point: 7:30 a. m. | Moisture: Mean: Dew point: 1:30 p. m. | Moisture: Mean: Dew point: 7:30 p. m. | Moisture: Mean: Dew point: Monthly | Moisture: Mean: Relative humidity: 1:30 a. m. | Moisture: Mean: Relative humidity: 7:30 a. m. | Moisture: Mean: Relative humidity: 1:30 p. m. | Moisture: Mean: Relative humidity: 7:30 p. m. | Moisture: Mean: Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.94 | 30.06 | 30.44 | 29.15 | 25.9 | 23.1 | 32.2 | 29.2 | 23.9 | 22.1 | 29.0 | 27.1 | 36.4 | 21.0 | 28.7 | 55 | 0 | 19 | 18 | 22 | 22 | 20 | 74 | 80 | 65 | 73 | 73 |
| February | 29.71 | 29.84 | 30.34 | 29.12 | 24.6 | 23.6 | 33.4 | 28.2 | 22.8 | 22.0 | 29.3 | 25.7 | 35.7 | 20.1 | 27.9 | 54 | 2 | 18 | 18 | 21 | 20 | 19 | 74 | 77 | 60 | 70 | 70 |
| March | 29.76 | 29.88 | 30.24 | 28.80 | 36.2 | 36.6 | 44.8 | 40.0 | 34.4 | 34.5 | 40.3 | 37.0 | 47.9 | 34.6 | 41.2 | 58 | 30 | 32 | 31 | 35 | 33 | 33 | 83 | 81 | 68 | 76 | 77 |
| April | 29.91 | 30.03 | 30.28 | 29.44 | 43.2 | 45.1 | 54.7 | 48.4 | 39.7 | 41.6 | 46.7 | 43.9 | 59.7 | 41.5 | 50.6 | 85 | 32 | 37 | 37 | 38 | 39 | 38 | 82 | 75 | 57 | 71 | 71 |
| May | 29.94 | 30.06 | 30.23 | 29.65 | 55.1 | 57.4 | 65.5 | 60.2 | 53.2 | 54.5 | 58.1 | 56.2 | 69.0 | 53.5 | 61.2 | 88 | 40 | 52 | 52 | 52 | 53 | 52 | 88 | 84 | 65 | 79 | 79 |
| June | 29.86 | 29.97 | 30.22 | 29.45 | 63.6 | 65.0 | 73.0 | 68.6 | 59.7 | 61.2 | 64.2 | 63.9 | 76.3 | 60.4 | 68.4 | 86 | 50 | 58 | 58 | 59 | 61 | 59 | 90 | 81 | 63 | 79 | 78 |
| July | 29.86 | 29.98 | 30.21 | 29.50 | 67.0 | 69.1 | 77.9 | 72.7 | 65.0 | 65.5 | 69.3 | 68.7 | 81.5 | 65.0 | 73.2 | 93 | 58 | 64 | 63 | 65 | 66 | 65 | 90 | 83 | 66 | 83 | 80 |
| August | 29.94 | 30.06 | 30.33 | 29.62 | 65.9 | 67.6 | 76.2 | 70.7 | 63.8 | 64.1 | 67.7 | 66.3 | 79.1 | 62.7 | 70.9 | 90 | 49 | 62 | 62 | 63 | 63 | 63 | 90 | 82 | 66 | 80 | 79 |
| September | 29.95 | 30.06 | 30.46 | 29.55 | 60.1 | 61.0 | 70.7 | 64.5 | 58.3 | 58.2 | 63.0 | 61.3 | 73.2 | 56.5 | 64.8 | 88 | 37 | 57 | 56 | 58 | 59 | 58 | 89 | 85 | 66 | 84 | 81 |
| October | 29.97 | 30.08 | 30.53 | 29.31 | 50.5 | 48.3 | 63.1 | 55.7 | 48.4 | 47.7 | 55.6 | 52.0 | 64.7 | 47.0 | 55.8 | 79 | 35 | 46 | 46 | 49 | 49 | 48 | 86 | 86 | 63 | 78 | 78 |
| November | 29.94 | 30.06 | 30.50 | 29.20 | 41.8 | 39.6 | 49.6 | 44.9 | 39.5 | 37.7 | 44.0 | 41.4 | 51.7 | 36.8 | 44.2 | 69 | 22 | 36 | 35 | 37 | 37 | 36 | 80 | 84 | 63 | 74 | 75 |
| December | 29.92 | 30.04 | 30.75 | 28.53 | 26.8 | 25.3 | 32.9 | 29.6 | 25.2 | 24.1 | 30.0 | 27.7 | 35.3 | 22.0 | 28.6 | 57 | −7 | 21 | 22 | 25 | 24 | 23 | 78 | 85 | 71 | 78 | 78 |
| Year | 29.89 | 30.01 | 30.75 | 28.53 | 46.6 | 46.8 | 56.2 | 51.1 | 44.5 | 44.4 | 49.8 | 47.6 | 59.2 | 43.4 | 51.3 | 93 | −7 | 42 | 42 | 44 | 44 | 43 | 84 | 82 | 64 | 77 | 77 |

NEW ORLEANS, LA.

Airport [$\phi$=30°02′ N.; $\lambda$=90°02′ W.] City [$\phi$=29°57′ N.; $\lambda$=90°04′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature: Mean: Dry bulb: 1:30 a. m. | Temperature: Mean: Dry bulb: 7:30 a. m. | Temperature: Mean: Dry bulb: 1:30 p. m. | Temperature: Mean: Dry bulb: 7:30 p. m. | Temperature: Mean: Wet bulb: 1:30 a. m. | Temperature: Mean: Wet bulb: 7:30 a. m. | Temperature: Mean: Wet bulb: 1:30 p. m. | Temperature: Mean: Wet bulb: 7:30 p. m. | Temperature: Mean: Maximum | Temperature: Mean: Minimum | Temperature: Mean: Monthly | Temperature: Extremes: Maximum | Temperature: Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Moisture: Mean: Dew point: 7:30 a. m. | Moisture: Mean: Dew point: 1:30 p. m. | Moisture: Mean: Dew point: 7:30 p. m. | Moisture: Mean: Dew point: Monthly | Moisture: Mean: Relative humidity: 1:30 a. m. | Moisture: Mean: Relative humidity: 7:30 a. m. | Moisture: Mean: Relative humidity: 1:30 p. m. | Moisture: Mean: Relative humidity: 7:30 p. m. | Moisture: Mean: Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.14 | 30.19 | 30.56 | 29.60 | 48.0 | 44.6 | 52.9 | 53.2 | 44.0 | 41.8 | 46.4 | 46.7 | 59.9 | 43.1 | 51.5 | 78 | 26 | 39 | 38 | 39 | 40 | 39 | 71 | 78 | 61 | 61 | 68 |
| February | 29.99 | 30.05 | 30.34 | 29.38 | 50.7 | 48.4 | 55.6 | 54.1 | 46.5 | 45.4 | 48.7 | 48.3 | 59.5 | 45.5 | 52.5 | 76 | 35 | 42 | 42 | 41 | 42 | 42 | 72 | 79 | 60 | 65 | 69 |
| March | 29.92 | 29.98 | 30.28 | 29.50 | 57.3 | 55.5 | 64.3 | 63.3 | 53.7 | 52.6 | 55.2 | 55.1 | 69.0 | 53.3 | 61.2 | 82 | 39 | 50 | 50 | 47 | 47 | 48 | 79 | 82 | 56 | 59 | 69 |
| April | 30.02 | 30.07 | 30.32 | 29.66 | 63.3 | 62.4 | 73.4 | 70.7 | 60.2 | 59.6 | 63.2 | 62.9 | 76.3 | 61.3 | 68.8 | 84 | 45 | 58 | 57 | 56 | 58 | 57 | 83 | 84 | 57 | 65 | 72 |
| May | 29.96 | 30.01 | 30.12 | 29.71 | 70.0 | 69.2 | 79.9 | 78.4 | 66.6 | 66.4 | 69.2 | 69.3 | 83.6 | 67.8 | 75.7 | 90 | 58 | 65 | 65 | 64 | 64 | 64 | 84 | 87 | 58 | 64 | 73 |
| June | 29.88 | 29.93 | 30.09 | 29.60 | 76.4 | 76.7 | 83.2 | 81.8 | 73.7 | 74.0 | 75.1 | 74.9 | 87.9 | 74.9 | 81.4 | 94 | 70 | 73 | 73 | 72 | 72 | 72 | 88 | 86 | 70 | 73 | 80 |
| July | 30.01 | 30.07 | 30.17 | 29.83 | 77.8 | 77.9 | 85.6 | 83.5 | 74.8 | 75.2 | 76.7 | 76.5 | 90.4 | 76.2 | 83.3 | 96 | 70 | 74 | 74 | 73 | 74 | 74 | 87 | 89 | 68 | 74 | 79 |
| August | 29.96 | 30.01 | 30.11 | 29.82 | 77.3 | 77.3 | 85.9 | 81.1 | 74.7 | 74.9 | 77.0 | 75.3 | 89.8 | 75.7 | 82.8 | 95 | 72 | 74 | 74 | 74 | 73 | 74 | 89 | 89 | 68 | 78 | 81 |
| September | 29.96 | 30.01 | 30.20 | 29.65 | 73.9 | 72.5 | 82.0 | 78.9 | 70.0 | 69.2 | 72.0 | 71.6 | 85.1 | 71.4 | 78.2 | 94 | 54 | 68 | 68 | 67 | 68 | 68 | 82 | 84 | 62 | 71 | 75 |
| October | 29.96 | 30.01 | 30.21 | 29.68 | 69.2 | 67.7 | 77.1 | 73.6 | 65.2 | 64.2 | 67.1 | 66.2 | 81.2 | 66.0 | 73.6 | 88 | 47 | 63 | 62 | 62 | 62 | 62 | 82 | 83 | 60 | 68 | 73 |
| November | 30.05 | 30.11 | 30.38 | 29.66 | 60.0 | 58.5 | 69.2 | 64.6 | 56.6 | 55.9 | 60.2 | 58.7 | 72.4 | 56.1 | 64.2 | 82 | 42 | 54 | 54 | 54 | 54 | 54 | 80 | 84 | 60 | 70 | 74 |
| December | 30.04 | 30.10 | 30.44 | 29.58 | 54.7 | 52.5 | 60.9 | 58.3 | 52.6 | 50.5 | 54.7 | 54.1 | 65.6 | 49.5 | 57.6 | 79 | 40 | 50 | 48 | 50 | 51 | 50 | 86 | 87 | 68 | 77 | 79 |
| Year | 29.99 | 30.04 | 30.56 | 29.38 | 64.9 | 63.6 | 72.5 | 70.1 | 61.6 | 60.8 | 63.8 | 63.3 | 76.7 | 61.7 | 69.2 | 96 | 26 | 59 | 59 | 58 | 59 | 59 | 82 | 84 | 62 | 69 | 74 |

NEW YORK, N. Y.

[$\phi$=40°43′ N.; $\lambda$=74°00′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature: Mean: Dry bulb: 1:30 a. m. | Temperature: Mean: Dry bulb: 7:30 a. m. | Temperature: Mean: Dry bulb: 1:30 p. m. | Temperature: Mean: Dry bulb: 7:30 p. m. | Temperature: Mean: Wet bulb: 1:30 a. m. | Temperature: Mean: Wet bulb: 7:30 a. m. | Temperature: Mean: Wet bulb: 1:30 p. m. | Temperature: Mean: Wet bulb: 7:30 p. m. | Temperature: Mean: Maximum | Temperature: Mean: Minimum | Temperature: Mean: Monthly | Temperature: Extremes: Maximum | Temperature: Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Moisture: Mean: Dew point: 7:30 a. m. | Moisture: Mean: Dew point: 1:30 p. m. | Moisture: Mean: Dew point: 7:30 p. m. | Moisture: Mean: Dew point: Monthly | Moisture: Mean: Relative humidity: 1:30 a. m. | Moisture: Mean: Relative humidity: 7:30 a. m. | Moisture: Mean: Relative humidity: 1:30 p. m. | Moisture: Mean: Relative humidity: 7:30 p. m. | Moisture: Mean: Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.70 | 30.06 | 30.19 | 28.94 | ---- | 28.6 | 33.8 | 32.4 | ---- | 25.6 | 29.0 | 28.4 | 38.5 | 23.3 | 30.9 | 57 | 5 | ---- | 18 | 18 | 20 | 19 | ---- | 64 | 52 | 58 | 58 |
| February | 29.50 | 29.85 | 30.09 | 28.85 | ---- | 25.7 | 32.9 | 30.7 | ---- | 22.8 | 27.9 | 26.4 | 37.0 | 22.1 | 29.6 | 53 | 5 | ---- | 14 | 15 | 16 | 15 | ---- | 60 | 48 | 52 | 54 |
| March | 29.52 | 29.87 | 29.97 | 28.52 | ---- | 39.9 | 45.2 | 43.1 | ---- | 36.3 | 38.9 | 37.6 | 50.0 | 35.8 | 42.9 | 65 | 31 | ---- | 31 | 30 | 29 | 30 | ---- | 71 | 57 | 60 | 63 |
| April | 29.68 | 30.02 | 30.03 | 29.24 | ---- | 48.8 | 57.7 | 54.3 | ---- | 43.1 | 47.1 | 46.2 | 62.3 | 44.3 | 53.3 | 87 | 33 | ---- | 37 | 36 | 38 | 37 | ---- | 64 | 47 | 55 | 56 |
| May | 29.70 | 30.03 | 30.01 | 29.40 | ---- | 60.7 | 68.3 | 64.8 | ---- | 55.6 | 58.3 | 57.4 | 71.8 | 56.4 | 64.1 | 89 | 48 | ---- | 51 | 50 | 52 | 51 | ---- | 73 | 56 | 66 | 65 |
| June | 29.62 | 29.96 | 29.99 | 29.23 | ---- | 66.3 | 74.1 | 71.5 | ---- | 61.9 | 64.5 | 63.7 | 77.2 | 62.4 | 69.8 | 86 | 52 | ---- | 59 | 59 | 59 | 59 | ---- | 78 | 60 | 67 | 68 |
| July | 29.64 | 29.96 | 29.97 | 29.30 | ---- | 71.0 | 79.3 | 76.5 | ---- | 65.3 | 67.8 | 68.0 | 83.2 | 67.5 | 74.9 | 93 | 59 | ---- | 62 | 61 | 63 | 62 | ---- | 74 | 56 | 66 | 65 |
| August | 29.71 | 30.04 | 30.08 | 29.42 | ---- | 69.2 | 76.4 | 73.2 | ---- | 63.8 | 66.4 | 66.1 | 79.0 | 66.5 | 72.8 | 89 | 56 | ---- | 60 | 60 | 62 | 61 | ---- | 75 | 60 | 70 | 68 |
| September | 29.71 | 30.04 | 30.22 | 29.31 | ---- | 63.3 | 72.1 | 68.1 | ---- | 58.9 | 61.9 | 60.9 | 75.0 | 60.0 | 67.5 | 89 | 44 | ---- | 56 | 55 | 56 | 55 | ---- | 77 | 57 | 67 | 67 |
| October | 29.73 | 30.06 | 30.25 | 29.12 | ---- | 54.8 | 63.2 | 59.7 | ---- | 50.8 | 54.5 | 53.0 | 65.6 | 51.9 | 58.8 | 80 | 36 | ---- | 47 | 47 | 47 | 47 | ---- | 76 | 57 | 65 | 66 |
| November | 29.72 | 30.06 | 30.24 | 28.96 | ---- | 43.6 | 50.8 | 47.4 | ---- | 39.7 | 43.6 | 41.6 | 53.9 | 39.3 | 46.6 | 70 | 25 | ---- | 34 | 34 | 34 | 34 | ---- | 69 | 54 | 60 | 61 |
| December | 29.70 | 30.05 | 30.46 | 28.40 | ---- | 29.2 | 33.5 | 32.1 | ---- | 26.6 | 29.4 | 28.2 | 38.6 | 24.7 | 31.6 | 56 | −3 | ---- | 21 | 21 | 20 | 20 | ---- | 69 | 59 | 58 | 62 |
| Year | 29.66 | 30.00 | 30.46 | 28.40 | ---- | 50.1 | 57.3 | 54.5 | ---- | 45.9 | 49.1 | 48.1 | 60.9 | 46.2 | 53.6 | 93 | −3 | ---- | 41 | 40 | 41 | 41 | ---- | 71 | 55 | 62 | 63 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Nashville, Tenn., 546 feet; New Haven, Conn., 107 feet; New Orleans, La., 53 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

NASHVILLE, TENN.

Airport [$H$=585 ft.; $H_b$=605 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=72 ft.] City [$H$=485 ft.; $H_b$=546 ft.; $H_t$=168 ft.; $H_r$=161 ft.; $H_a$=188 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | | |
| January | 2.81 | 1.72 | 5.3 | 5.5 | 9.0 | s. | 29 | sw. | 0 | 12 | 5 | 14 | 7 | 7 | 4 | 2 | 0 | 6 | 0 | 0 | 0 | 7 | 0 | 0 | 22 | 4 | 1 |
| February | 3.50 | 1.16 | .9 | 7.2 | 9.4 | nw. | 33 | w. | 2 | 5 | 6 | 17 | 9 | 8 | 9 | 1 | 0 | 8 | 0 | 0 | 0 | 3 | 0 | 0 | 20 | 0 | 2 |
| March | 3.82 | 1.11 | .9 | 6.6 | 10.8 | s. | 39 | sw. | 2 | 6 | 7 | 18 | 13 | 11 | 4 | 3 | 0 | 12 | 4 | 1 | 0 | 0 | 0 | 0 | 7 | 0 | 6 |
| April | 3.96 | 2.55 | .0 | 5.9 | 8.2 | s. | 31 | sw. | 0 | 9 | 10 | 11 | 7 | 5 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 3 |
| May | 2.39 | .88 | .0 | 5.7 | 7.9 | s. | 26 | nw. | 0 | 10 | 8 | 13 | 8 | 7 | 0 | 0 | 0 | 6 | 2 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 7 |
| June | 1.87 | .83 | .0 | 5.4 | 7.1 | sw. | 46 | w. | 1 | 7 | 15 | 8 | 12 | 9 | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 18 | 2 | 0 | 0 | 9 |
| July | 2.77 | 1.62 | .0 | 5.4 | 6.9 | sw. | 30 | w. | 0 | 10 | 9 | 12 | 12 | 8 | 0 | 0 | 0 | 6 | 1 | 1 | 1 | 0 | 21 | 7 | 0 | 0 | 12 |
| August | 8.31 | 1.89 | .0 | 6.0 | 5.9 | s. | 29 | w. | 0 | 6 | 14 | 11 | 13 | 11 | 0 | 0 | 0 | 11 | 3 | 1 | 1 | 0 | 5 | 3 | 0 | 0 | 12 |
| September | 1.82 | .79 | .0 | 5.0 | 7.0 | s. | 23 | s. | 0 | 10 | 12 | 8 | 9 | 5 | 0 | 0 | 0 | 13 | 6 | 2 | 2 | 0 | 3 | 0 | 0 | 0 | 3 |
| October | 3.05 | 1.75 | .0 | 4.4 | 5.8 | s. | 29 | s. | 0 | 13 | 11 | 7 | 11 | 8 | 0 | 0 | 0 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 |
| November | 2.27 | .58 | .0 | 5.4 | 8.9 | s. | 35 | sw. | 2 | 10 | 10 | 10 | 12 | 9 | 0 | 0 | 0 | 9 | 5 | 5 | 3 | 0 | 0 | 0 | 6 | 0 | 1 |
| December | 6.06 | 2.02 | 2.4 | 7.8 | 9.1 | s. | 34 | nw. | 1 | 4 | 7 | 20 | 13 | 10 | 8 | 1 | 0 | 16 | 7 | 4 | 3 | 2 | 0 | 0 | 15 | 0 | 2 |
| Year | 42.63 | 2.55 | 9.5 | 5.9 | 8.0 | s. | 46 | w. | 8 | 102 | 114 | 149 | 126 | 98 | 25 | 7 | 0 | 104 | 30 | 16 | 12 | 12 | 49 | 12 | 74 | 4 | 60 |

NEW HAVEN, CONN.

Airport [$H$=6 ft.; $H_b$=13 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_a$=39 ft.] City [$H$=23 ft.; $H_b$=107 ft.; $H_t$=74 ft.; $H_r$=68 ft.; $H_a$=153 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.42 | 1.42 | 9.0 | 5.0 | 9.4 | sw. | 31 | s. | 0 | 11 | 12 | 8 | 9 | 8 | 10 | 5 | 0 | 7 | 2 | 2 | 2 | 8 | 0 | 0 | 26 | 0 | 1 |
| February | 2.58 | 1.25 | 4.1 | 4.9 | 11.1 | nw. | 28 | ne. | 0 | 13 | 7 | 8 | 5 | 4 | 12 | 2 | 0 | 6 | 1 | 1 | 0 | 8 | 0 | 0 | 26 | 0 | 0 |
| March | 8.01 | 2.42 | 1.8 | 6.7 | 10.0 | nw. | 33 | s. | 2 | 5 | 9 | 17 | 15 | 11 | 8 | 2 | 0 | 11 | 4 | 3 | 3 | 0 | 0 | 0 | 5 | 0 | 0 |
| April | 1.32 | .98 | 3.1 | 5.0 | 8.7 | s. | 27 | sw. | 0 | 10 | 10 | 10 | 7 | 4 | 4 | 3 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| May | 3.67 | 1.82 | .0 | 6.2 | 7.8 | s. | 21 | s. | 0 | 7 | 9 | 15 | 10 | 7 | 0 | 0 | 0 | 19 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| June | 3.06 | .80 | .0 | 6.0 | 7.4 | s. | 21 | nw. | 0 | 8 | 10 | 12 | 11 | 9 | 0 | 0 | 0 | 13 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | 7.45 | 2.71 | .0 | 4.9 | 7.4 | s. | 22 | sw. | 0 | 10 | 14 | 7 | 11 | 10 | 0 | 0 | 0 | 8 | 5 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 4 |
| August | 10.14 | 2.01 | .0 | 4.9 | 7.2 | s. | 22 | n. | 0 | 12 | 12 | 7 | 11 | 10 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 |
| September | 2.15 | .73 | .0 | 5.2 | 7.8 | n. | 28 | s. | 0 | 14 | 5 | 11 | 8 | 4 | 0 | 0 | 0 | 9 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 3.89 | 1.07 | .0 | 5.1 | 8.3 | n. | 23 | s. | 0 | 10 | 12 | 9 | 8 | 6 | 0 | 0 | 0 | 12 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 4.53 | 1.00 | T | 5.9 | 9.5 | n. | 35 | s. | 1 | 7 | 14 | 9 | 13 | 11 | 2 | 0 | 0 | 11 | 0 | 0 | 0 | 1 | 0 | 0 | 9 | 0 | 1 |
| December | 6.49 | 2.56 | 12.8 | 5.8 | 9.8 | n. | 34 | w. | 1 | 12 | 5 | 14 | 14 | 12 | 8 | 6 | 0 | 14 | 4 | 0 | 0 | 9 | 0 | 0 | 23 | 3 | 2 |
| Year | 57.71 | 2.71 | 30.8 | 5.5 | 8.7 | n. | 35 | s. | 4 | 119 | 119 | 127 | 122 | 96 | 44 | 18 | 0 | 128 | 40 | 18 | 9 | 26 | 4 | 0 | 90 | 3 | 22 |

NEW ORLEANS, LA.

Airport [$H$=8 ft.; $H_b$=30 ft.; $H_t$=50 ft.; $H_r$=42 ft.; $H_a$=66 ft.] City ]$H$=9 ft.; $H_b$=53 ft.; $H_t$=76 ft.; $H_r$=71 ft.; $H_a$=84 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.32 | 0.88 | 0.0 | 3.8 | 7.4 | ne. | 21 | se. | 0 | 16 | 7 | 8 | 5 | 3 | 0 | 0 | 0 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 3 |
| February | 10.41 | 6.11 | .0 | 7.0 | 7.8 | ne. | 22 | nw. | 0 | 4 | 9 | 15 | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| March | 7.33 | 1.99 | .0 | 6.0 | 8.3 | se. | 27 | sw. | 0 | 10 | 4 | 17 | 10 | 9 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| April | 1.51 | 1.51 | .0 | 6.1 | 7.3 | se. | 19 | se. | 0 | 7 | 10 | 13 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 6.35 | 2.60 | .0 | 5.0 | 6.2 | se. | 18 | e. | 0 | 10 | 14 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| June | 16.01 | 6.64 | .0 | 7.0 | 5.8 | se. | 27 | e. | 0 | 3 | 12 | 15 | 16 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 16 |
| July | 8.70 | 3.38 | .0 | 6.3 | 4.5 | se. | 27 | ne. | 0 | 4 | 16 | 11 | 16 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 3 | 0 | 0 | 23 |
| August | 10.87 | 2.00 | .0 | 6.4 | 5.4 | se. | 20 | ne. | 0 | 4 | 17 | 10 | 19 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 1 | 0 | 0 | 20 |
| September | 5.35 | 2.00 | .0 | 4.4 | 6.3 | se. | 19 | ne. | 0 | 11 | 15 | 4 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 8 |
| October | 4.22 | 2.56 | .0 | 3.6 | 6.2 | se. | 18 | n. | 0 | 16 | 11 | 4 | 6 | 6 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | 2.23 | 1.58 | .0 | 4.1 | 6.9 | se. | 20 | ne. | 0 | 14 | 9 | 7 | 6 | 4 | 0 | 0 | 0 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| December | 3.77 | 2.10 | .0 | 5.9 | 7.3 | se. | 19 | w. | 0 | 10 | 7 | 14 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Year | 78.07 | 6.64 | .0 | 5.5 | 6.6 | se. | 27 | sw. | 0 | 109 | 131 | 125 | 112 | 101 | 0 | 0 | 0 | 14 | 9 | 4 | 4 | 0 | 61 | 4 | 4 | 0 | 95 |

NEW YORK, N. Y.

[$H$=10 ft.; $H_b$=314 ft.; $H_t$=415 ft.; $H_r$=398 ft.; $H_a$=454 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.17 | 0.96 | 6.2 | 5.2 | 17.2 | nw. | 58 | se. | 12 | 10 | 11 | 10 | 10 | 9 | 6 | 5 | 0 | 9 | 2 | 2 | 2 | 8 | 0 | 0 | 26 | 0 | 3 |
| February | 2.94 | 1.46 | 1.2 | 5.3 | 22.0 | nw. | 58 | nw. | 19 | 12 | 6 | 10 | 8 | 6 | 10 | 4 | 0 | 6 | 3 | 2 | 1 | 7 | 0 | 0 | 24 | 0 | 0 |
| March | 6.76 | 2.34 | .8 | 6.5 | 17.9 | nw. | 66 | nw. | 16 | 6 | 9 | 16 | 14 | 11 | 8 | 2 | 0 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| April | 1.49 | 1.18 | 1.3 | 5.1 | 14.7 | nw. | 45 | w. | 10 | 10 | 11 | 9 | 4 | 2 | 3 | 3 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 1.84 | .94 | .0 | 5.5 | 13.5 | se. | 36 | s. | 7 | 9 | 10 | 12 | 10 | 7 | 0 | 0 | 0 | 12 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 5 |
| June | 5.69 | 2.98 | .0 | 6.1 | 11.2 | nw. | 34 | nw. | 2 | 8 | 10 | 12 | 16 | 11 | 0 | 0 | 0 | 20 | 10 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 8 |
| July | 6.24 | 1.79 | .0 | 5.4 | 12.2 | sw. | 48 | nw. | 6 | 11 | 9 | 11 | 13 | 10 | 0 | 0 | 0 | 12 | 3 | 2 | 2 | 0 | 3 | 0 | 0 | 0 | 11 |
| August | 7.01 | 2.81 | .0 | 5.8 | 11.3 | n. | 43 | nw. | 2 | 10 | 9 | 12 | 11 | 9 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| September | 3.82 | 1.19 | .0 | 4.7 | 12.2 | n. | 50 | s. | 7 | 14 | 6 | 10 | 8 | 7 | 0 | 0 | 0 | 13 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| October | 1.91 | .62 | .0 | 5.1 | 12.1 | ne. | 39 | nw. | 6 | 13 | 7 | 11 | 9 | 6 | 0 | 0 | 0 | 11 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 4.47 | 1.50 | T | 5.3 | 16.8 | nw. | 53 | nw. | 13 | 13 | 6 | 11 | 12 | 8 | 2 | 0 | 0 | 9 | 1 | 1 | 1 | 0 | 0 | 0 | 7 | 0 | 2 |
| December | 4.31 | 1.49 | 7.4 | 6.2 | 17.3 | w. | 58 | w. | 16 | 7 | 9 | 15 | 15 | 12 | 9 | 7 | 0 | 7 | 3 | 3 | 3 | 6 | 0 | 0 | 21 | 2 | 2 |
| Year | 49.56 | 2.98 | 16.9 | 5.5 | 14.8 | nw. | 66 | nw. | 116 | 123 | 103 | 139 | 130 | 98 | 38 | 21 | 0 | 129 | 35 | 22 | 19 | 21 | 3 | 0 | 79 | 2 | 41 |

## NOME, ALASKA

[$\phi$=64°30′ N.; $\lambda$=165°24′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.58 | 29.60 | 30.10 | 29.11 | 20.5 | 19.6 | 20.1 | 21.0 | 18.8 | 18.1 | 18.4 | 19.2 | 25.0 | 14.0 | 19.5 | 46 | −10 | 14 | 14 | 14 | 14 | 14 | 76 | 77 | 76 | 74 | 76 |
| February | 29.63 | 29.65 | 30.19 | 29.00 | 17.5 | 17.2 | 16.9 | 18.1 | 16.3 | 16.1 | 15.8 | 16.9 | 22.9 | 11.4 | 17.2 | 37 | −10 | 12 | 12 | 12 | 13 | 12 | 78 | 79 | 78 | 78 | 78 |
| March | 29.67 | 29.69 | 30.58 | 28.62 | 7.7 | 6.4 | 5.5 | 12.2 | 6.8 | 5.6 | 4.7 | 10.8 | 15.0 | 0.0 | 7.5 | 28 | −20 | 2 | 1 | 0 | 5 | 2 | 76 | 77 | 77 | 70 | 75 |
| April | 29.58 | 29.60 | 29.99 | 29.01 | 27.7 | 25.4 | 26.7 | 30.7 | 26.0 | 24.0 | 25.1 | 28.4 | 32.6 | 21.3 | 27.0 | 39 | 7 | 23 | 21 | 22 | 24 | 22 | 80 | 82 | 80 | 76 | 80 |
| May | 29.94 | 29.96 | 30.52 | 29.38 | 36.0 | 31.2 | 35.5 | 37.8 | 33.2 | 29.4 | 32.7 | 34.6 | 41.1 | 27.6 | 34.4 | 58 | 9 | 29 | 26 | 28 | 30 | 28 | 75 | 81 | 76 | 73 | 76 |
| June | 29.81 | 29.83 | 30.26 | 29.47 | 52.8 | 44.9 | 50.4 | 52.2 | 48.1 | 42.4 | 46.4 | 47.9 | 57.0 | 41.6 | 49.3 | 76 | 33 | 44 | 40 | 43 | 44 | 42 | 73 | 83 | 76 | 74 | 77 |
| July | 29.86 | 29.88 | 30.22 | 29.40 | 49.9 | 46.2 | 48.9 | 51.2 | 47.8 | 45.1 | 47.0 | 48.8 | 53.3 | 43.9 | 48.6 | 66 | 35 | 46 | 44 | 45 | 47 | 45 | 86 | 92 | 88 | 85 | 88 |
| August | 29.69 | 29.71 | 30.20 | 29.26 | 52.5 | 47.7 | 51.1 | 54.6 | 49.7 | 46.2 | 48.4 | 51.4 | 56.8 | 44.7 | 50.8 | 72 | 34 | 47 | 45 | 46 | 48 | 47 | 83 | 90 | 84 | 81 | 84 |
| September | 29.75 | 29.77 | 30.28 | 29.24 | 46.3 | 44.4 | 45.1 | 49.0 | 44.9 | 43.0 | 43.6 | 46.3 | 51.0 | 40.7 | 45.8 | 61 | 29 | 44 | 41 | 42 | 43 | 42 | 90 | 89 | 88 | 82 | 87 |
| October | 29.63 | 29.65 | 30.08 | 28.77 | 28.2 | 27.0 | 26.6 | 32.2 | 26.7 | 25.7 | 25.3 | 29.4 | 33.9 | 22.9 | 28.4 | 58 | 10 | 24 | 23 | 23 | 24 | 24 | 82 | 84 | 84 | 72 | 81 |
| November | 29.92 | 29.94 | 30.40 | 29.42 | 14.2 | 14.0 | 13.0 | 14.8 | 13.7 | 13.3 | 12.5 | 14.1 | 19.2 | 6.4 | 12.8 | 34 | −13 | 12 | 11 | 10 | 12 | 11 | 89 | 85 | 89 | 85 | 87 |
| December | 30.08 | 30.10 | 30.67 | 29.25 | −7.1 | −7.1 | −7.2 | −5.5 | −7.5 | −7.5 | −7.4 | −5.9 | 1.0 | −13.5 | −6.2 | 14 | −23 | −11 | −10 | −9 | −9 | −10 | 85 | 87 | 91 | 85 | 87 |
| Year | 29.76 | 29.78 | 30.67 | 28.62 | 28.8 | 26.4 | 27.7 | 30.7 | 27.0 | 25.1 | 26.0 | 28.5 | 34.1 | 21.8 | 27.9 | 76 | −23 | 24 | 22 | 23 | 25 | 23 | 81 | 84 | 82 | 78 | 81 |

## NORTHFIELD, VT.

[$\phi$=44°08′ N.; $\lambda$=72°41′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.02 | 30.02 | 29.45 | 28.22 | ---- | 13.8 | ---- | ---- | ---- | 12.7 | ---- | ---- | 28.5 | 6.5 | 17.5 | 51 | −23 | ---- | 10 | ---- | ---- | ---- | ---- | 84 | ---- | ---- | ---- |
| February | 28.83 | 29.82 | 29.43 | 28.30 | ---- | 10.6 | ---- | ---- | ---- | 9.9 | ---- | ---- | 24.5 | 6.1 | 15.3 | 47 | −24 | ---- | 8 | ---- | ---- | ---- | ---- | 88 | ---- | ---- | ---- |
| March | 28.89 | 29.86 | 29.46 | 27.96 | ---- | 30.0 | ---- | ---- | ---- | 27.9 | ---- | ---- | 41.3 | 25.7 | 33.5 | 58 | 15 | ---- | 24 | ---- | ---- | ---- | ---- | 78 | ---- | ---- | ---- |
| April | 29.05 | 30.01 | 29.42 | 28.59 | ---- | 39.8 | ---- | ---- | ---- | 36.4 | ---- | ---- | 55.2 | 33.0 | 44.1 | 82 | 24 | ---- | 32 | ---- | ---- | ---- | ---- | 74 | ---- | ---- | ---- |
| May | 29.09 | 30.03 | 29.38 | 28.81 | ---- | 54.5 | ---- | ---- | ---- | 50.7 | ---- | ---- | 68.8 | 45.1 | 57.0 | 82 | 27 | ---- | 47 | ---- | ---- | ---- | ---- | 78 | ---- | ---- | ---- |
| June | 29.02 | 29.95 | 29.38 | 28.68 | ---- | 60.5 | ---- | ---- | ---- | 56.7 | ---- | ---- | 74.1 | 50.7 | 62.4 | 89 | 36 | ---- | 54 | ---- | ---- | ---- | ---- | 80 | ---- | ---- | ---- |
| July | 29.03 | 29.96 | 29.42 | 28.74 | ---- | 64.0 | ---- | ---- | ---- | 60.1 | ---- | ---- | 77.4 | 54.0 | 65.7 | 92 | 39 | ---- | 58 | ---- | ---- | ---- | ---- | 80 | ---- | ---- | ---- |
| August | 29.10 | 30.04 | 29.52 | 28.74 | ---- | 61.4 | ---- | ---- | ---- | 57.9 | ---- | ---- | 76.2 | 52.1 | 64.2 | 86 | 33 | ---- | 56 | ---- | ---- | ---- | ---- | 82 | ---- | ---- | ---- |
| September | 29.11 | 30.06 | 29.56 | 28.63 | ---- | 55.1 | ---- | ---- | ---- | 52.3 | ---- | ---- | 70.0 | 45.0 | 57.5 | 88 | 26 | ---- | 50 | ---- | ---- | ---- | ---- | 82 | ---- | ---- | ---- |
| October | 29.12 | 30.08 | 29.72 | 28.57 | ---- | 43.8 | ---- | ---- | ---- | 41.1 | ---- | ---- | 60.9 | 34.8 | 47.8 | 73 | 23 | ---- | 38 | ---- | ---- | ---- | ---- | 79 | ---- | ---- | ---- |
| November | 29.06 | 30.03 | 29.62 | 28.40 | ---- | 31.1 | ---- | ---- | ---- | 29.5 | ---- | ---- | 43.3 | 24.5 | 33.9 | 63 | 3 | ---- | 27 | ---- | ---- | ---- | ---- | 82 | ---- | ---- | ---- |
| December | 29.00 | 29.99 | 29.90 | 27.53 | ---- | 14.8 | ---- | ---- | ---- | 13.7 | ---- | ---- | 26.1 | 8.9 | 17.5 | 42 | −27 | ---- | 11 | ---- | ---- | ---- | ---- | 84 | ---- | ---- | ---- |
| Year | 29.03 | 29.99 | 29.90 | 27.53 | ---- | 40.0 | ---- | ---- | ---- | 37.4 | ---- | ---- | 53.9 | 32.2 | 43.0 | 92 | −27 | ---- | 35 | ---- | ---- | ---- | ---- | 81 | ---- | ---- | ---- |

## NORFOLK, VA.

Airport [$\phi$=36°53′ N.; $\lambda$=76°12′ W.] City [$\phi$=36°51′ N.; $\lambda$=76°17′ W.]

| Month | Station level (1) | Sea level | Maximum (1) | Minimum (1) | 1:30 a. m. (2) | 7:30 a. m. (2) | 1:30 p. m. (2) | 7:30 p. m. (2) | 1:30 a. m. (2) | 7:30 a. m. (2) | 1:30 p. m. (2) | 7:30 p. m. (2) | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. (2) | 7:30 a. m. (2) | 1:30 p. m. (2) | 7:30 p. m. (2) | Monthly (2) | 1:30 a. m. (2) | 7:30 a. m. (2) | 1:30 p. m. (2) | 7:30 p. m. (2) | Monthly (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.00 | 30.10 | 30.52 | 29.32 | 36.8 | 33.6 | 44.9 | 39.4 | 34.2 | 32.0 | 38.7 | 36.0 | 48.9 | 33.3 | 41.1 | 67 | 12 | 30 | 29 | 30 | 31 | 30 | 77 | 83 | 58 | 71 | 72 |
| February | 29.85 | 29.95 | 30.37 | 29.15 | 35.7 | 32.7 | 42.1 | 38.2 | 32.1 | 29.6 | 35.4 | 33.7 | 46.3 | 31.4 | 38.8 | 66 | 16 | 26 | 24 | 24 | 26 | 25 | 66 | 68 | 49 | 61 | 61 |
| March | 29.81 | 29.91 | 30.17 | 28.75 | 45.8 | 45.2 | 54.6 | 49.8 | 42.6 | 42.3 | 46.9 | 45.2 | 59.4 | 42.8 | 51.1 | 80 | 35 | 39 | 39 | 38 | 40 | 39 | 78 | 80 | 58 | 71 | 72 |
| April | 29.99 | 30.08 | 30.30 | 29.55 | 51.4 | 52.9 | 66.5 | 58.5 | 47.1 | 48.0 | 53.4 | 50.8 | 70.6 | 49.9 | 60.2 | 90 | 36 | 43 | 43 | 42 | 44 | 43 | 74 | 70 | 44 | 60 | 62 |
| May | 29.95 | 30.05 | 30.20 | 29.62 | 63.5 | 66.1 | 76.1 | 69.0 | 60.7 | 61.6 | 64.6 | 63.0 | 79.7 | 62.1 | 70.9 | 95 | 54 | 59 | 59 | 58 | 60 | 59 | 86 | 78 | 55 | 73 | 73 |
| June | 29.87 | 29.97 | 30.21 | 29.60 | 70.9 | 73.9 | 82.4 | 76.4 | 67.9 | 69.3 | 71.0 | 69.8 | 85.4 | 69.2 | 77.3 | 98 | 64 | 66 | 67 | 65 | 67 | 66 | 86 | 80 | 58 | 73 | 74 |
| July | 29.91 | 30.01 | 30.13 | 29.71 | 73.9 | 77.7 | 86.5 | 81.1 | 71.4 | 73.2 | 74.2 | 73.6 | 90.6 | 73.5 | 82.0 | 104 | 67 | 70 | 71 | 69 | 70 | 70 | 89 | 81 | 58 | 71 | 75 |
| August | 29.96 | 30.06 | 30.29 | 29.70 | 71.7 | 73.9 | 80.5 | 75.2 | 69.1 | 70.2 | 71.8 | 70.4 | 84.5 | 70.7 | 77.6 | 101 | 64 | 68 | 68 | 68 | 68 | 68 | 88 | 84 | 67 | 79 | 80 |
| September | 29.96 | 30.05 | 30.38 | 29.60 | 68.6 | 69.7 | 79.1 | 71.1 | 66.5 | 67.0 | 69.3 | 67.5 | 82.3 | 66.9 | 74.6 | 94 | 52 | 65 | 66 | 64 | 65 | 65 | 89 | 86 | 62 | 82 | 80 |
| October | 29.94 | 30.04 | 30.36 | 29.48 | 58.0 | 58.4 | 68.4 | 60.8 | 56.1 | 56.5 | 61.0 | 58.3 | 71.4 | 57.7 | 64.6 | 82 | 41 | 55 | 55 | 56 | 56 | 56 | 90 | 89 | 67 | 86 | 83 |
| November | 30.02 | 30.12 | 30.41 | 29.42 | 46.9 | 47.7 | 60.1 | 51.8 | 46.2 | 45.4 | 51.4 | 47.8 | 62.9 | 46.8 | 54.8 | 79 | 32 | 43 | 43 | 43 | 43 | 43 | 81 | 83 | 55 | 74 | 73 |
| December | 30.00 | 30.10 | 30.60 | 28.93 | 39.5 | 37.2 | 44.7 | 40.5 | 37.2 | 35.3 | 40.0 | 37.8 | 50.0 | 34.8 | 42.4 | 75 | 11 | 34 | 32 | 34 | 33 | 33 | 80 | 81 | 67 | 77 | 76 |
| Year | 29.94 | 30.04 | 30.60 | 28.75 | 55.4 | 55.8 | 65.5 | 59.3 | 52.6 | 52.5 | 56.5 | 54.5 | 69.3 | 53.3 | 61.3 | 104 | 11 | 50 | 50 | 49 | 50 | 50 | 82 | 80 | 58 | 73 | 73 |

## NORTH HEAD, WASH.

[$\phi$=46°18′ N.; $\lambda$=124°05′W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Janury | 29.84 | 30.08 | 30.25 | 29.17 | 42.8 | 41.6 | 43.4 | 45.4 | 39.3 | 38.2 | 39.6 | 41.2 | 48.4 | 38.6 | 43.5 | 57 | 22 | 34 | 33 | 34 | 36 | 34 | 74 | 74 | 72 | 71 | 73 |
| February | 29.79 | 30.02 | 30.26 | 29.17 | 44.0 | 43.1 | 44.2 | 46.7 | 41.8 | 41.2 | 42.2 | 43.8 | 49.0 | 40.4 | 44.7 | 54 | 35 | 39 | 39 | 40 | 40 | 40 | 84 | 86 | 85 | 80 | 84 |
| March | 29.86 | 30.10 | 30.25 | 29.36 | 44.5 | 43.0 | 46.2 | 47.2 | 42.4 | 41.2 | 43.5 | 44.2 | 50.6 | 40.1 | 45.4 | 64 | 33 | 40 | 39 | 40 | 41 | 40 | 85 | 87 | 82 | 79 | 83 |
| April | 29.71 | 29.94 | 30.05 | 29.16 | 48.1 | 47.3 | 50.9 | 50.9 | 45.5 | 45.4 | 47.3 | 47.6 | 54.7 | 44.6 | 49.6 | 62 | 41 | 43 | 43 | 44 | 44 | 44 | 83 | 87 | 78 | 79 | 81 |
| May | 29.81 | 30.03 | 30.13 | 29.39 | 51.1 | 50.3 | 54.8 | 55.2 | 49.0 | 48.5 | 51.4 | 51.5 | 58.5 | 48.3 | 53.4 | 66 | 43 | 47 | 47 | 48 | 48 | 48 | 86 | 88 | 80 | 78 | 83 |
| June | 29.84 | 30.06 | 30.05 | 29.50 | 54.7 | 54.2 | 58.2 | 58.4 | 52.3 | 52.0 | 54.6 | 54.5 | 61.0 | 52.4 | 56.7 | 94 | 48 | 50 | 50 | 52 | 52 | 51 | 86 | 86 | 81 | 80 | 83 |
| July | 29.84 | 30.06 | 30.06 | 29.48 | 61.2 | 59.5 | 62.4 | 63.5 | 58.4 | 57.6 | 59.7 | 60.2 | 66.5 | 57.3 | 61.9 | 87 | 53 | 57 | 56 | 56 | 58 | 57 | 87 | 90 | 86 | 83 | 86 |
| August | 29.81 | 30.03 | 30.05 | 29.62 | 57.9 | 57.2 | 61.0 | 61.6 | 56.7 | 56.0 | 58.2 | 58.4 | 64.8 | 55.0 | 59.9 | 94 | 52 | 56 | 55 | 56 | 56 | 56 | 93 | 94 | 86 | 83 | 89 |
| September | 29.82 | 30.05 | 30.09 | 29.55 | 55.6 | 54.8 | 58.1 | 58.2 | 53.9 | 53.2 | 55.1 | 55.4 | 61.8 | 52.3 | 57.0 | 81 | 47 | 52 | 52 | 53 | 53 | 52 | 91 | 91 | 84 | 85 | 88 |
| October | 29.85 | 30.08 | 30.11 | 29.43 | 54.1 | 52.9 | 56.2 | 56.6 | 52.2 | 51.1 | 53.4 | 53.5 | 60.1 | 49.9 | 55.0 | 73 | 41 | 50 | 49 | 51 | 51 | 50 | 89 | 90 | 86 | 82 | 86 |
| November | 29.70 | 29.93 | 30.28 | 28.75 | 46.8 | 46.0 | 47.4 | 49.0 | 44.3 | 44.0 | 44.8 | 45.6 | 52.5 | 42.3 | 47.4 | 65 | 37 | 42 | 42 | 42 | 42 | 42 | 83 | 86 | 83 | 79 | 83 |
| December | 29.76 | 30.00 | 30.20 | 29.17 | 44.7 | 44.2 | 46.2 | 45.8 | 43.1 | 43.0 | 44.0 | 44.0 | 48.6 | 40.5 | 44.6 | 58 | 32 | 41 | 42 | 42 | 42 | 42 | 89 | 90 | 91 | 87 | 89 |
| Year | 29.80 | 30.03 | 30.28 | 28.75 | 50.5 | 49.5 | 52.3 | 53.2 | 48.2 | 47.6 | 49.5 | 50.0 | 56.4 | 46.8 | 51.6 | 94 | 22 | 46 | 46 | 47 | 47 | 46 | 86 | 87 | 83 | 80 | 84 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Norfolk, Va.; 91 feet.
[2] Airport data.

## NOME, ALASKA

[$H$=17 ft.; $H_b$=22 ft.; $H_t$=25 ft.; $H_r$=25 ft.; $H_a$=56 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.63 | 0.17 | 4.8 | 6.4 | 11.4 | ne. | 42 | e. | 4 | 11 | 2 | 18 | 13 | 8 | 15 | 11 | 0 | 7 | 2 | 2 | 1 | 22 | 0 | 0 | 28 | 5 | 0 |
| February | .96 | .23 | 9.7 | 7.9 | 13.4 | ne. | 43 | n. | 6 | 3 | 6 | 19 | 15 | 10 | 20 | 14 | 0 | 11 | 8 | 4 | 1 | 20 | 0 | 0 | 28 | 5 | 0 |
| March | .76 | .25 | 8.3 | 6.7 | 9.6 | ne. | 36 | e. | 2 | 8 | 5 | 18 | 11 | 6 | 15 | 11 | 0 | 6 | 0 | 0 | 0 | 31 | 0 | 0 | 31 | 16 | 0 |
| April | 2.00 | .68 | 14.5 | 8.4 | 13.1 | ne. | 34 | sw. | 3 | 4 | 4 | 22 | 11 | 9 | 19 | 10 | 0 | 8 | 3 | 0 | 0 | 15 | 0 | 0 | 30 | 0 | 0 |
| May | 1.11 | .43 | 4.5 | 6.4 | 7.7 | n. | 27 | s. | 0 | 6 | 14 | 11 | 10 | 6 | 6 | 4 | 0 | 11 | 4 | 3 | 2 | 4 | 0 | 0 | 22 | 0 | 0 |
| June | 1.37 | .88 | .0 | 6.1 | 9.5 | w. | 37 | s. | 1 | 8 | 10 | 12 | 12 | 6 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 4.08 | 1.66 | .0 | 8.7 | 9.9 | s. | 35 | sw. | 2 | 1 | 5 | 25 | 17 | 8 | 0 | 0 | 0 | 21 | 10 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | 1.61 | .58 | .0 | 8.5 | 10.0 | sw. | 34 | sw. | 2 | 0 | 8 | 23 | 15 | 11 | 0 | 0 | 0 | 13 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 5.20 | 1.39 | .1 | 7.8 | 12.9 | ne. | 37 | se. | 6 | 4 | 6 | 20 | 21 | 16 | 1 | 1 | 0 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| October | 1.45 | .38 | 11.7 | 5.9 | 9.4 | n. | 29 | se. | 0 | 10 | 10 | 11 | 12 | 9 | 15 | 11 | 0 | 6 | 3 | 0 | 0 | 10 | 0 | 0 | 29 | 0 | 0 |
| November | 1.43 | .30 | 13.7 | 6.5 | 10.3 | n. | 41 | n. | 4 | 8 | 7 | 15 | 15 | 12 | 20 | 14 | 0 | 9 | 3 | 1 | 0 | 25 | 0 | 0 | 30 | 12 | 0 |
| December | .24 | .13 | 2.5 | 4.2 | 4.5 | n. | 22 | ne. | 0 | 14 | 8 | 9 | 6 | 3 | 11 | 6 | 0 | 9 | 1 | 1 | 1 | 31 | 0 | 0 | 31 | 30 | 0 |
| Year | 20.84 | 1.66 | 69.8 | 7.0 | 10.1 | ne. | 43 | n. | 30 | 77 | 85 | 203 | 158 | 104 | 122 | 82 | 0 | 126 | 38 | 17 | 9 | 158 | 0 | 0 | 232 | 68 | 0 |

## NORTHFIELD, VT.

[$H$=876 ft.; $H_b$=876 ft.; $H_t$=16 ft.; $H_r$=3 ft.; $H_a$=60 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.28 | 0.79 | 12.5 | 6.7 | 8.3 | sw. | 26 | sw. | 0 | 7 | 8 | 16 | 11 | 6 | 20 | 11 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 30 | 13 | 0 |
| February | 1.55 | .59 | 18.1 | 7.1 | 8.2 | n. | 27 | ne. | 0 | 6 | 5 | 17 | 15 | 10 | 20 | 14 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 28 | 8 | 0 |
| March | 4.01 | 1.14 | 20.3 | 7.7 | 7.6 | sw. | 32 | sw. | 1 | 6 | 2 | 23 | 16 | 12 | 17 | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 |
| April | 2.91 | 1.19 | 6.3 | 6.0 | 7.7 | n. | 21 | s. | 0 | 10 | 5 | 15 | 15 | 11 | 7 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 2 |
| May | 1.93 | .54 | .0 | 7.7 | 7.8 | s. | 31 | s. | 0 | 0 | 16 | 15 | 12 | 7 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 2 |
| June | 5.02 | 2.58 | .0 | 6.9 | 6.4 | s. | 20 | sw. | 0 | 6 | 10 | 14 | 14 | 9 | 0 | 0 | 0 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 7 |
| July | 1.41 | .31 | .0 | 6.9 | 6.6 | sw. | 27 | sw. | 0 | 3 | 12 | 16 | 13 | 9 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| August | 1.34 | .74 | .0 | 6.1 | 6.2 | sw. | 21 | s. | 0 | 8 | 13 | 10 | 12 | 4 | 0 | 0 | 0 | 7 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| September | 4.93 | 2.22 | .0 | 6.0 | 7.0 | sw. | 32 | s. | 1 | 9 | 8 | 13 | 12 | 9 | 0 | 0 | 0 | 6 | 3 | 2 | 3 | 0 | 0 | 0 | 5 | 0 | 1 |
| October | 3.29 | 1.57 | T | 5.2 | 7.2 | s. | 22 | s. | 0 | 11 | 10 | 10 | 7 | 4 | 2 | 0 | 0 | 4 | 2 | 1 | 2 | 0 | 0 | 0 | 14 | 0 | 0 |
| November | 3.15 | 1.11 | 12.1 | 6.8 | 7.4 | n. | 32 | s. | 1 | 9 | 3 | 18 | 13 | 11 | 9 | 6 | 0 | 4 | 1 | 1 | 1 | 6 | 0 | 0 | 24 | 0 | 0 |
| December | 3.43 | 1.75 | 14.9 | 7.7 | 7.5 | sw. | 30 | sw. | 0 | 4 | 4 | 23 | 14 | 8 | 21 | 13 | 0 | 1 | 0 | 0 | 0 | 21 | 0 | 0 | 31 | 11 | 0 |
| Year | 35.25 | 2.58 | 84.2 | 6.7 | 7.3 | sw. | 32 | s. | 3 | 79 | 96 | 190 | 154 | 100 | 96 | 60 | 0 | 34 | 10 | 6 | 9 | 71 | 1 | 0 | 180 | 32 | 19 |

## NORFOLK, VA.

Airport [$H$=25 ft. $H_b$=30 ft.; $H_t$=6 ft.; $H_r$=4 ft.; $H_a$=38 ft.] City [$H$=11 ft.; $H_b$=91 ft.; $H_t$=80 ft.; $H_r$=73 ft.; $H_a$=125 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.76 | 0.90 | 2.4 | 5.4 | 9.6 | n. | 32 | n. | 1 | 12 | 6 | 13 | 10 | 9 | 4 | 3 | 0 | 9 | 2 | 1 | 1 | 3 | 0 | 0 | 11 | 0 | 0 |
| February | 2.63 | 2.05 | T | 5.5 | 11.1 | nw. | 27 | s. | 0 | 12 | 3 | 13 | 4 | 3 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 17 | 0 | 0 |
| March | 5.52 | 1.49 | .0 | 6.0 | 12.2 | sw. | 37 | s. | 6 | 11 | 6 | 14 | 15 | 12 | 0 | 0 | 0 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| April | .73 | .64 | .0 | 3.6 | 9.8 | sw. | 38 | nw. | 2 | 18 | 7 | 5 | 4 | 2 | 0 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| May | 2.70 | .73 | .0 | 5.3 | 9.5 | sw. | 31 | nw. | 0 | 9 | 14 | 8 | 9 | 7 | 0 | 0 | 1 | 8 | 3 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 7 |
| June | 1.23 | .45 | .0 | 6.3 | 8.6 | e. | 24 | w. | 0 | 5 | 15 | 10 | 10 | 7 | 0 | 0 | 0 | 10 | 3 | 4 | 1 | 0 | 8 | 1 | 0 | 0 | 8 |
| July | 1.61 | .53 | .0 | 5.9 | 7.8 | w. | 33 | nw. | 1 | 7 | 13 | 11 | 11 | 9 | 0 | 0 | 0 | 9 | 1 | 2 | 1 | 0 | 15 | 8 | 0 | 0 | 11 |
| August | 15.61 | 6.84 | .0 | 7.5 | 8.9 | sw. | 37 | n. | 3 | 1 | 14 | 16 | 17 | 14 | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 8 | 3 | 0 | 0 | 8 |
| September | 2.83 | 1.30 | .0 | 5.8 | 8.8 | ne. | 29 | n. | 0 | 8 | 12 | 10 | 8 | 5 | 0 | 0 | 0 | 13 | 4 | 4 | 2 | 0 | 6 | 0 | 0 | 0 | 5 |
| October | 5.87 | 2.49 | .0 | 5.7 | 9.3 | ne. | 32 | e. | 1 | 11 | 5 | 15 | 10 | 9 | 0 | 0 | 0 | 16 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | .96 | .44 | .0 | 4.7 | 10.1 | ne. | 29 | nw. | 0 | 13 | 8 | 9 | 10 | 5 | 0 | 0 | 0 | 8 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 |
| December | 5.15 | .81 | 7.7 | 6.5 | 10.9 | w. | 40 | w. | 1 | 9 | 6 | 16 | 15 | 13 | 7 | 2 | 0 | 20 | 8 | 3 | 4 | 1 | 0 | 0 | 11 | 0 | 1 |
| Year | 47.60 | 6.84 | 10.1 | 5.7 | 9.7 | sw. | 40 | w. | 15 | 116 | 109 | 140 | 123 | 95 | 14 | 5 | 1 | 118 | 34 | 19 | 13 | 5 | 41 | 12 | 40 | 0 | 50 |

## NORTH HEAD, WASH.

[$H$=194 ft.; $H_b$=211 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=56 ft.]]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 8.07 | 2.15 | T | 7.6 | 15.6 | e. | 40 | sw. | 5 | 5 | 4 | 22 | 18 | 17 | 2 | 1 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 6 | 0 | 0 |
| February | 5.62 | 1.39 | 0.0 | 7.5 | 12.1 | se. | 43 | s. | 5 | 3 | 9 | 16 | 21 | 20 | 0 | 0 | 2 | 5 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 4.76 | .91 | T | 7.4 | 13.2 | s. | 49 | s. | 11 | 2 | 12 | 17 | 22 | 20 | 3 | 0 | 7 | 7 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 3.76 | .80 | .0 | 8.6 | 13.7 | s. | 63 | s. | 8 | 0 | 7 | 23 | 18 | 16 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 2.74 | .79 | .0 | 8.3 | 10.9 | nw. | 35 | s. | 1 | 0 | 7 | 24 | 18 | 14 | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 3.26 | .72 | .0 | 7.5 | 14.5 | n. | 43 | sw. | 5 | 4 | 6 | 20 | 16 | 13 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| July | 1.40 | .58 | .0 | 7.4 | 12.4 | n. | 34 | n. | 2 | 4 | 7 | 20 | 13 | 7 | 0 | 0 | 0 | 9 | 4 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | .85 | .42 | .0 | 7.3 | 11.3 | n. | 30 | n. | 0 | 5 | 7 | 19 | 16 | 6 | 0 | 0 | 0 | 10 | 9 | 4 | 8 | 0 | 1 | 0 | 0 | 0 | 1 |
| September | .52 | .35 | .0 | 7.2 | 10.7 | n. | 36 | s. | 2 | 6 | 8 | 16 | 11 | 3 | 0 | 0 | 0 | 16 | 16 | 6 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 5.93 | 2.94 | .0 | 6.9 | 12.4 | s. | 54 | s. | 9 | 7 | 10 | 14 | 20 | 14 | 0 | 0 | 1 | 17 | 9 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 12.29 | 1.76 | .0 | 7.7 | 16.5 | se. | 60 | s. | 15 | 3 | 7 | 20 | 24 | 22 | 0 | 0 | 4 | 5 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 8.83 | 1.41 | T | 8.4 | 15.7 | se. | 65 | s. | 13 | 1 | 7 | 23 | 28 | 24 | 1 | 0 | 6 | 8 | 7 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 2 |
| Year | 58.03 | 2.94 | T | 7.6 | 13.3 | n. | 65 | s. | 76 | 40 | 91 | 234 | 225 | 176 | 6 | 1 | 22 | 91 | 63 | 33 | 42 | 0 | 2 | 0 | 6 | 0 | 4 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

NORTH PLATTE, NEB.

Airport [$\phi$=41° 08′ N.; $\lambda$=100° 42′ W.] City [$\phi$=41° 08′ N.; $\lambda$=100° 45′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 27.17 | 30.22 | 27.58 | 26.67 | 19.0 | 16.3 | 30.8 | 29.0 | 18.1 | 15.3 | 26.2 | 25.4 | 38.1 | 14.0 | 26.0 | 62 | −16 | 16 | 13 | 19 | 20 | 17 | 88 | 88 | 61 | 68 | 76 |
| February | 27.03 | 30.07 | 27.28 | 26.65 | 19.8 | 17.6 | 28.6 | 28.6 | 19.1 | 17.0 | 25.6 | 26.0 | 34.0 | 15.3 | 24.6 | 57 | −9 | 18 | 15 | 21 | 22 | 19 | 92 | 91 | 73 | 75 | 83 |
| March | 26.94 | 29.91 | 27.40 | 26.40 | 31.8 | 28.6 | 42.1 | 43.2 | 29.8 | 27.1 | 35.0 | 36.1 | 48.9 | 26.9 | 37.9 | 71 | 10 | 27 | 25 | 26 | 27 | 26 | 81 | 85 | 54 | 54 | 68 |
| April | 26.96 | 29.88 | 27.41 | 26.50 | 47.5 | 42.6 | 58.3 | 60.1 | 43.9 | 40.6 | 48.2 | 49.8 | 65.0 | 41.8 | 53.4 | 80 | 26 | 40 | 38 | 38 | 40 | 39 | 77 | 85 | 52 | 52 | 66 |
| May | 26.96 | 29.86 | 27.38 | 26.36 | 51.3 | 48.1 | 62.9 | 64.5 | 48.2 | 46.3 | 53.3 | 54.1 | 68.7 | 45.7 | 57.2 | 91 | 33 | 46 | 44 | 46 | 46 | 46 | 82 | 88 | 56 | 55 | 70 |
| June | 26.99 | 29.86 | 27.43 | 26.69 | 61.9 | 59.4 | 71.7 | 74.3 | 59.2 | 57.2 | 62.3 | 63.4 | 77.5 | 58.3 | 67.9 | 92 | 48 | 58 | 56 | 57 | 57 | 57 | 87 | 88 | 62 | 58 | 74 |
| July | 27.07 | 29.92 | 27.41 | 26.79 | 68.8 | 62.8 | 84.0 | 86.8 | 61.9 | 59.6 | 67.4 | 68.6 | 89.9 | 63.2 | 76.6 | 101 | 53 | 58 | 58 | 59 | 60 | 59 | 70 | 85 | 44 | 42 | 60 |
| August | 27.05 | 29.91 | 27.33 | 26.81 | 67.0 | 62.1 | 80.0 | 80.8 | 62.4 | 59.6 | 66.7 | 66.7 | 85.4 | 62.1 | 73.8 | 96 | 52 | 60 | 58 | 60 | 59 | 59 | 79 | 87 | 52 | 50 | 67 |
| September | 27.08 | 29.98 | 27.42 | 26.71 | 53.5 | 50.4 | 66.4 | 66.4 | 50.8 | 48.7 | 56.9 | 56.7 | 72.7 | 48.9 | 60.8 | 92 | 27 | 49 | 47 | 50 | 50 | 49 | 84 | 89 | 58 | 58 | 72 |
| October | 27.06 | 29.99 | 27.44 | 26.63 | 45.1 | 39.1 | 60.6 | 58.2 | 41.3 | 37.0 | 49.0 | 48.0 | 66.2 | 39.2 | 52.7 | 91 | 16 | 37 | 35 | 39 | 39 | 37 | 75 | 84 | 46 | 51 | 64 |
| November | 27.01 | 29.99 | 27.52 | 26.30 | 32.4 | 27.7 | 45.8 | 41.8 | 29.3 | 25.8 | 37.6 | 35.2 | 52.4 | 25.7 | 39.0 | 71 | 2 | 25 | 23 | 27 | 26 | 25 | 74 | 82 | 52 | 55 | 66 |
| December | 27.06 | 30.08 | 27.56 | 26.74 | 25.0 | 22.9 | 35.2 | 32.4 | 24.0 | 22.2 | 31.2 | 29.4 | 41.5 | 20.8 | 31.2 | 58 | 3 | 22 | 21 | 26 | 25 | 24 | 88 | 92 | 69 | 74 | 81 |
| Year | 27.03 | 29.97 | 27.58 | 26.30 | 43.6 | 39.8 | 55.5 | 55.5 | 40.7 | 38.0 | 46.6 | 46.6 | 61.7 | 38.5 | 50.1 | 101 | −16 | 38 | 36 | 39 | 39 | 38 | 81 | 87 | 57 | 58 | 71 |

OKLAHOMA CITY, OKLA.

Airport [$\phi$=35° 24′ N.; $\lambda$=97° 36′ W.] City [$\phi$=35° 26′ N.; $\lambda$=97° 30′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 28.90 | 30.23 | 29.35 | 28.26 | 33.5 | 29.4 | 40.9 | 40.7 | 29.9 | 26.9 | 34.0 | 34.1 | 48.5 | 27.2 | 37.8 | 73 | 2 | 24 | 23 | 24 | 25 | 24 | 70 | 77 | 53 | 54 | 64 |
| February | 28.71 | 30.02 | 29.17 | 28.17 | 37.0 | 33.8 | 43.3 | 44.2 | 34.1 | 32.1 | 37.7 | 38.4 | 50.0 | 31.5 | 40.8 | 77 | 7 | 30 | 29 | 31 | 31 | 30 | 76 | 83 | 62 | 60 | 70 |
| March | 28.62 | 29.91 | 29.16 | 28.07 | 45.4 | 40.1 | 55.1 | 57.3 | 39.9 | 36.7 | 44.0 | 45.1 | 62.9 | 39.0 | 51.0 | 82 | 30 | 33 | 32 | 30 | 31 | 31 | 63 | 73 | 43 | 39 | 54 |
| April | 28.64 | 29.91 | 29.02 | 28.29 | 57.3 | 55.2 | 66.3 | 67.0 | 54.1 | 53.1 | 58.0 | 58.2 | 72.2 | 53.5 | 62.8 | 89 | 33 | 52 | 51 | 52 | 52 | 52 | 83 | 88 | 63 | 63 | 74 |
| May | 28.65 | 29.91 | 29.00 | 28.21 | 62.5 | 58.4 | 73.0 | 75.3 | 57.1 | 55.0 | 61.6 | 62.1 | 79.1 | 56.8 | 68.0 | 91 | 39 | 53 | 52 | 54 | 53 | 53 | 72 | 81 | 53 | 48 | 64 |
| June | 28.60 | 29.85 | 28.97 | 28.34 | 72.2 | 69.9 | 81.4 | 82.7 | 68.7 | 67.3 | 71.4 | 72.2 | 86.0 | 68.2 | 77.1 | 94 | 52 | 67 | 66 | 67 | 68 | 67 | 84 | 88 | 63 | 62 | 74 |
| July | 28.74 | 29.98 | 28.93 | 28.59 | 75.7 | 71.8 | 87.8 | 89.6 | 69.1 | 67.4 | 72.3 | 72.4 | 92.6 | 71.4 | 82.0 | 99 | 64 | 66 | 65 | 65 | 64 | 65 | 73 | 81 | 48 | 44 | 62 |
| August | 28.69 | 29.94 | 28.89 | 28.58 | 74.6 | 71.1 | 85.0 | 85.8 | 70.0 | 67.9 | 72.8 | 72.7 | 89.8 | 70.3 | 80.0 | 100 | 62 | 68 | 67 | 68 | 67 | 67 | 81 | 87 | 58 | 56 | 70 |
| September | 28.73 | 29.99 | 29.08 | 28.42 | 65.8 | 61.2 | 75.1 | 75.6 | 62.1 | 58.9 | 64.3 | 65.6 | 80.8 | 60.1 | 70.4 | 91 | 38 | 60 | 57 | 58 | 60 | 59 | 82 | 87 | 57 | 60 | 72 |
| October | 28.72 | 30.00 | 29.02 | 28.21 | 57.8 | 54.6 | 67.8 | 65.0 | 53.7 | 52.6 | 57.0 | 56.4 | 71.4 | 52.5 | 62.0 | 84 | 29 | 50 | 49 | 49 | 50 | 50 | 77 | 83 | 54 | 60 | 69 |
| November | 28.73 | 30.02 | 29.25 | 28.10 | 47.7 | 44.8 | 57.2 | 54.7 | 43.8 | 41.9 | 49.6 | 47.6 | 63.3 | 41.1 | 52.2 | 80 | 20 | 40 | 39 | 42 | 41 | 40 | 73 | 78 | 59 | 60 | 68 |
| December | 28.77 | 30.08 | 29.19 | 28.29 | 37.8 | 35.9 | 43.5 | 42.2 | 35.8 | 34.3 | 38.8 | 38.6 | 49.3 | 32.2 | 40.8 | 68 | 21 | 33 | 32 | 33 | 34 | 33 | 83 | 85 | 68 | 75 | 78 |
| Year | 28.71 | 29.99 | 29.35 | 28.07 | 55.6 | 52.2 | 64.7 | 65.0 | 51.5 | 49.5 | 55.1 | 55.3 | 70.5 | 50.3 | 60.4 | 100 | 2 | 48 | 47 | 48 | 48 | 48 | 76 | 83 | 57 | 57 | 68 |

OMAHA, NEBR.

Airport [$\phi$=41° 18′ N.; $\lambda$=95° 54′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 28.94 | 30.18 | 29.48 | 28.41 | 22.7 | 20.4 | 28.9 | 27.4 | 21.3 | 19.3 | 25.5 | 25.3 | 33.9 | 16.5 | 25.2 | 58 | −12 | 18 | 16 | 19 | 21 | 18 | 81 | 81 | 65 | 75 | 76 |
| February | 28.88 | 30.11 | 29.13 | 28.41 | 23.8 | 20.2 | 27.7 | 27.6 | 22.8 | 19.6 | 25.5 | 25.8 | 31.6 | 17.4 | 24.5 | 48 | −4 | 21 | 18 | 21 | 22 | 20 | 87 | 90 | 74 | 78 | 82 |
| March | 28.68 | 29.88 | 29.22 | 28.20 | 35.7 | 32.8 | 42.0 | 42.4 | 33.3 | 31.0 | 37.0 | 37.8 | 46.9 | 30.8 | 38.8 | 76 | 15 | 30 | 28 | 30 | 32 | 30 | 80 | 83 | 66 | 68 | 74 |
| April | 28.79 | 29.97 | 29.25 | 28.24 | 51.6 | 46.4 | 63.4 | 64.7 | 45.9 | 43.3 | 51.9 | 52.2 | 69.7 | 44.1 | 56.9 | 86 | 26 | 40 | 40 | 41 | 40 | 40 | 66 | 79 | 46 | 43 | 58 |
| May | 28.73 | 29.90 | 29.14 | 28.11 | 56.6 | 53.4 | 65.4 | 67.4 | 53.1 | 51.1 | 56.3 | 57.8 | 70.6 | 50.9 | 60.8 | 92 | 35 | 50 | 49 | 49 | 51 | 50 | 81 | 86 | 59 | 58 | 71 |
| June | 28.76 | 29.91 | 29.06 | 28.38 | 67.6 | 65.1 | 77.0 | 78.1 | 63.6 | 62.1 | 66.5 | 67.1 | 83.0 | 62.8 | 72.4 | 96 | 48 | 61 | 60 | 61 | 61 | 61 | 81 | 85 | 58 | 58 | 71 |
| July | 28.80 | 29.95 | 29.09 | 28.56 | 72.3 | 69.0 | 84.1 | 84.9 | 67.6 | 65.8 | 71.3 | 71.8 | 89.0 | 67.0 | 78.0 | 100 | 55 | 65 | 64 | 65 | 66 | 65 | 80 | 85 | 54 | 54 | 68 |
| August | 28.81 | 29.96 | 29.11 | 28.60 | 70.9 | 67.1 | 81.2 | 80.9 | 66.5 | 64.3 | 69.7 | 69.8 | 85.0 | 65.8 | 75.4 | 102 | 52 | 64 | 63 | 64 | 64 | 64 | 80 | 86 | 58 | 59 | 71 |
| September | 28.83 | 30.00 | 29.20 | 28.43 | 59.1 | 56.0 | 67.9 | 66.2 | 56.3 | 54.3 | 59.6 | 59.0 | 72.2 | 53.7 | 63.0 | 92 | 36 | 54 | 53 | 54 | 54 | 54 | 84 | 89 | 63 | 66 | 76 |
| October | 28.82 | 30.00 | 29.18 | 28.27 | 50.7 | 45.9 | 62.3 | 59.0 | 46.1 | 42.8 | 50.8 | 50.1 | 67.1 | 43.6 | 55.4 | 84 | 21 | 42 | 39 | 40 | 42 | 41 | 71 | 78 | 46 | 53 | 62 |
| November | 28.80 | 30.00 | 29.27 | 28.12 | 37.9 | 35.7 | 45.3 | 43.2 | 34.6 | 33.2 | 38.8 | 38.2 | 51.0 | 30.5 | 40.8 | 72 | 7 | 36 | 30 | 31 | 32 | 31 | 74 | 78 | 59 | 66 | 69 |
| December | 28.90 | 30.13 | 29.40 | 28.47 | 22.9 | 22.3 | 27.4 | 25.9 | 22.0 | 21.3 | 25.3 | 24.5 | 31.4 | 16.9 | 24.2 | 47 | 2 | 20 | 19 | 21 | 21 | 20 | 87 | 86 | 76 | 82 | 83 |
| Year | 28.81 | 30.00 | 29.48 | 28.11 | 47.6 | 44.5 | 56.0 | 55.6 | 44.4 | 42.3 | 48.2 | 48.3 | 60.9 | 41.7 | 51.3 | 102 | −12 | 41 | 40 | 41 | 42 | 41 | 79 | 84 | 60 | 63 | 72 |

OSWEGO, N. Y.

[$\phi$=43°27′ N.; $\lambda$=76°31′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.64 | 30.02 | 30.12 | 28.80 | ---- | 21.7 | 25.8 | 25.5 | ---- | 19.8 | 23.3 | 23.5 | 31.2 | 16.5 | 23.8 | 48 | −4 | ---- | 14 | 17 | 18 | 17 | ---- | 71 | 69 | 73 | 71 |
| February | 29.54 | 29.92 | 30.11 | 28.87 | ---- | 21.4 | 22.4 | 23.8 | ---- | 19.9 | 20.4 | 21.6 | 27.4 | 16.6 | 22.0 | 42 | −5 | ---- | 16 | 15 | 16 | 16 | ---- | 78 | 71 | 70 | 73 |
| March | 29.48 | 29.85 | 29.96 | 28.45 | ---- | 34.6 | 39.0 | 37.5 | ---- | 32.1 | 35.1 | 34.4 | 41.5 | 31.1 | 36.3 | 58 | 23 | ---- | 28 | 30 | 30 | 29 | ---- | 77 | 68 | 74 | 73 |
| April | 29.65 | 30.02 | 29.98 | 29.15 | ---- | 44.4 | 51.1 | 49.1 | ---- | 40.4 | 44.1 | 43.3 | 55.2 | 39.4 | 47.3 | 78 | 30 | ---- | 36 | 37 | 37 | 36 | ---- | 72 | 60 | 66 | 66 |
| May | 29.64 | 30.00 | 29.97 | 29.30 | ---- | 55.5 | 60.2 | 59.5 | ---- | 52.1 | 53.8 | 54.1 | 65.9 | 49.0 | 57.4 | 86 | 36 | ---- | 49 | 48 | 50 | 49 | ---- | 80 | 67 | 72 | 73 |
| June | 29.59 | 29.95 | 29.95 | 29.28 | ---- | 63.3 | 67.7 | 66.5 | ---- | 59.3 | 60.9 | 60.4 | 72.6 | 56.9 | 64.8 | 91 | 48 | ---- | 57 | 57 | 56 | 57 | ---- | 79 | 69 | 71 | 73 |
| July | 29.60 | 29.96 | 29.90 | 29.29 | ---- | 66.5 | 72.7 | 71.5 | ---- | 62.6 | 64.7 | 64.4 | 77.2 | 62.2 | 69.7 | 92 | 53 | ---- | 60 | 60 | 60 | 60 | ---- | 81 | 66 | 69 | 72 |
| August | 29.66 | 30.02 | 30.02 | 29.35 | ---- | 64.7 | 72.7 | 70.3 | ---- | 61.0 | 64.3 | 64.0 | 76.1 | 60.7 | 68.4 | 88 | 48 | ---- | 59 | 59 | 60 | 59 | ---- | 82 | 64 | 71 | 72 |
| September | 29.66 | 30.02 | 30.15 | 29.13 | ---- | 58.9 | 66.8 | 63.4 | ---- | 55.4 | 58.2 | 57.6 | 70.5 | 54.5 | 62.5 | 88 | 39 | ---- | 52 | 52 | 53 | 52 | ---- | 80 | 62 | 70 | 70 |
| October | 29.65 | 30.03 | 30.22 | 29.08 | ---- | 49.1 | 57.5 | 54.4 | ---- | 45.5 | 49.8 | 49.0 | 60.0 | 45.7 | 52.8 | 75 | 31 | ---- | 42 | 42 | 44 | 42 | ---- | 76 | 59 | 68 | 68 |
| November | 29.65 | 30.03 | 30.23 | 28.99 | ---- | 38.6 | 43.1 | 40.3 | ---- | 35.7 | 38.4 | 36.4 | 46.6 | 33.5 | 40.0 | 65 | 20 | ---- | 32 | 32 | 31 | 31 | ---- | 75 | 65 | 69 | 70 |
| December | 29.63 | 30.02 | 30.35 | 28.45 | ---- | 24.0 | 26.1 | 25.4 | ---- | 22.1 | 23.6 | 23.5 | 30.1 | 18.2 | 24.2 | 40 | −20 | ---- | 17 | 18 | 19 | 18 | ---- | 74 | 69 | 75 | 73 |
| Year | 29.62 | 29.99 | 30.35 | 28.45 | ---- | 45.2 | 50.4 | 48.9 | ---- | 42.2 | 44.7 | 44.4 | 54.5 | 40.4 | 47.4 | 92 | −20 | ---- | 38 | 39 | 40 | 39 | ---- | 77 | 66 | 71 | 71 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: North Platte, Nebr., 2,821 feet; Oklahoma City, Okla., 1,214 feet; Omaha, Nebr., 1,105 feet.

[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

NORTH PLATTE, NEBR.

Airport [$H$=2,783 ft.; $H_b$=2,787 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=45 ft.] City [$H$=2,805 ft.; $H_b$=2,821 ft.; $H_t$=11 ft.; $H_r$=4 ft.; $H_a$=51 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | | |
| January | 0.25 | 0.11 | 2.0 | 3.5 | 7.7 | w. | 22 | n. | 0 | 17 | 7 | 7 | 6 | 3 | 7 | 5 | 0 | 2 | 0 | 0 | 0 | 10 | 0 | 0 | 31 | 9 | 0 |
| February | 1.32 | .81 | 15.3 | 5.5 | 6.9 | w. | 26 | n. | 0 | 9 | 9 | 10 | 11 | 4 | 14 | 11 | 0 | 9 | 3 | 3 | 3 | 13 | 0 | 0 | 26 | 3 | 0 |
| March | 1.41 | .96 | 6.2 | 4.6 | 9.5 | nw. | 32 | n. | 1 | 11 | 12 | 8 | 7 | 5 | 11 | 5 | 0 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 26 | 0 | 1 |
| April | 6.83 | 4.30 | .0 | 6.2 | 9.6 | s. | 28 | se. | 0 | 4 | 14 | 12 | 10 | 8 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 6 |
| May | 3.70 | 1.21 | T | 4.2 | 9.2 | se. | 30 | nw. | 0 | 13 | 12 | 6 | 10 | 8 | 1 | 1 | 2 | 4 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 8 |
| June | 5.06 | .97 | .0 | 5.3 | 7.9 | ne. | 27 | nw. | 0 | 9 | 12 | 9 | 16 | 13 | 0 | 0 | 1 | 6 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 15 |
| July | 1.82 | .88 | .0 | 2.5 | 6.4 | s. | 23 | ne. | 0 | 21 | 10 | 0 | 6 | 6 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 18 | 8 | 0 | 0 | 9 |
| August | 1.40 | .69 | .0 | 4.1 | 7.1 | s. | 30 | ne. | 0 | 13 | 16 | 2 | 7 | 5 | 0 | 0 | 2 | 4 | 2 | 0 | 2 | 0 | 9 | 2 | 0 | 0 | 7 |
| September | 7.54 | 6.32 | .0 | 5.0 | 7.0 | s. | 34 | ne. | 1 | 13 | 6 | 11 | 8 | 7 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 3 | 0 | 1 | 0 | 3 |
| October | .01 | .01 | T | 4.9 | 6.9 | nw. | 27 | n. | 0 | 12 | 10 | 9 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 7 | 0 | 0 |
| November | .25 | .11 | 1.7 | 5.7 | 7.9 | w. | 25 | nw. | 0 | 9 | 11 | 10 | 4 | 2 | 6 | 2 | 0 | 4 | 1 | 2 | 1 | 3 | 0 | 0 | 23 | 0 | 0 |
| December | .15 | .08 | .9 | 6.6 | 6.9 | w. | 24 | n. | 0 | 8 | 9 | 14 | 3 | 2 | 9 | 2 | 0 | 9 | 3 | 5 | 3 | 5 | 0 | 0 | 31 | 0 | 0 |
| Year | 29.74 | 6.32 | 26.1 | 4.8 | 7.7 | w. | 34 | ne. | 2 | 139 | 128 | 98 | 89 | 63 | 49 | 26 | 6 | 53 | 18 | 12 | 12 | 31 | 33 | 10 | 149 | 12 | 49 |

OKLAHOMA CITY, OKLA.

Airport [$H$=1,280 ft.; $H_b$=1,304 ft.; $H_t$=27 ft.; $H_r$=24 ft.; $H_a$=60 ft.] City [$H$=1,254 ft.; $H_b$=1,214 ft.; $H_t$=10 ft.; $H_r$=3 ft.; $H_a$=47 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.37 | 0.28 | 2.2 | 4.5 | 9.3 | nw. | 26 | nw. | 0 | 10 | 17 | 4 | 4 | 2 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 8 | 0 | 0 | 17 | 0 | 1 |
| February | 1.40 | .77 | 2.7 | 5.6 | 10.2 | s. | 28 | nw. | 0 | 10 | 8 | 10 | 7 | 6 | 4 | 4 | 0 | 7 | 3 | 2 | 2 | 0 | 0 | 0 | 15 | 0 | 2 |
| March | .53 | .21 | .8 | 4.3 | 10.6 | s. | 33 | s. | 1 | 15 | 9 | 7 | 5 | 4 | 2 | 1 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 7 | 0 | 2 |
| April | 8.58 | 3.19 | T | 6.1 | 11.0 | s. | 27 | s. | 0 | 9 | 6 | 15 | 15 | 14 | 1 | 0 | 1 | 6 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| May | .43 | .32 | .0 | 4.3 | 10.9 | s. | 25 | s. | 0 | 14 | 10 | 7 | 6 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 2 |
| June | 6.97 | 2.01 | .0 | 5.9 | 9.4 | s. | 24 | s. | 0 | 8 | 11 | 11 | 13 | 12 | 0 | 0 | 1 | 6 | 2 | 2 | 2 | 0 | 13 | 0 | 0 | 0 | 9 |
| July | .60 | .52 | .0 | 2.9 | 8.8 | s. | 19 | s. | 0 | 22 | 5 | 4 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 22 | 10 | 0 | 0 | 5 |
| August | 4.87 | 1.36 | .0 | 5.0 | 7.5 | s. | 31 | nw. | 0 | 10 | 13 | 8 | 11 | 10 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 16 | 5 | 0 | 0 | 9 |
| September | 6.73 | 2.75 | .0 | 4.1 | 8.5 | s. | 26 | nw. | 0 | 15 | 6 | 9 | 10 | 9 | 0 | 0 | 0 | 3 | 2 | 1 | 1 | 0 | 7 | 0 | 0 | 0 | 5 |
| October | 2.50 | 1.53 | .0 | 4.7 | 7.5 | s. | 24 | sw. | 0 | 16 | 3 | 12 | 9 | 6 | 0 | 0 | 0 | 6 | 3 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| November | .73 | .50 | T | 4.3 | 11.1 | s. | 27 | nw. | 0 | 16 | 6 | 8 | 5 | 4 | 1 | 0 | 0 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 6 | 0 | 1 |
| December | 2.07 | .84 | 4.8 | 5.5 | 8.8 | s. | 26 | n. | 0 | 14 | 2 | 15 | 7 | 5 | 7 | 1 | 0 | 4 | 4 | 4 | 3 | 3 | 0 | 0 | 18 | 0 | 1 |
| Year | 35.78 | 3.19 | 10.5 | 4.8 | 9.5 | s. | 33 | s. | 1 | 159 | 96 | 110 | 94 | 77 | 19 | 8 | 2 | 65 | 21 | 16 | 14 | 13 | 61 | 15 | 64 | 0 | 46 |

OMAHA, NEBR.

Airport [$H$=978 ft.; $H_b$=982 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_a$=68 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.09 | 0.09 | 6.4 | 4.2 | 11.2 | nw. | 38 | nw. | 3 | 15 | 7 | 9 | 1 | 1 | 4 | 1 | 0 | 6 | 3 | 2 | 1 | 10 | 0 | 0 | 28 | 10 | 0 |
| February | 1.93 | 1.25 | 21.9 | 7.2 | 10.4 | nw. | 34 | nw. | 2 | 3 | 10 | 15 | 11 | 9 | 17 | 10 | 0 | 10 | 5 | 4 | 3 | 15 | 0 | 0 | 26 | 2 | 0 |
| March | 1.50 | .41 | 3.7 | 7.2 | 14.4 | nw. | 42 | nw. | 10 | 4 | 10 | 17 | 10 | 8 | 9 | 4 | 2 | 9 | 0 | 0 | 0 | 2 | 0 | 0 | 18 | 0 | 4 |
| April | .52 | .21 | .0 | 5.8 | 14.6 | s. | 43 | sw. | 3 | 7 | 12 | 11 | 7 | 4 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 3 |
| May | 3.93 | 1.09 | .0 | 6.1 | 12.8 | se. | 40 | se. | 7 | 8 | 9 | 14 | 13 | 10 | 0 | 0 | 1 | 9 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 10 |
| June | 5.40 | 3.48 | .0 | 6.7 | 11.3 | se. | 65 | n. | 2 | 3 | 13 | 14 | 11 | 10 | 0 | 0 | 2 | 7 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 10 |
| July | 4.49 | 2.01 | .0 | 4.6 | 9.8 | s. | 44 | nw. | 5 | 10 | 14 | 7 | 11 | 9 | 0 | 0 | 2 | 6 | 1 | 2 | 1 | 0 | 15 | 5 | 0 | 0 | 12 |
| August | 3.25 | 1.30 | .0 | 5.2 | 10.1 | s. | 34 | w. | 3 | 11 | 11 | 9 | 7 | 7 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 4 | 0 | 0 | 0 | 4 |
| September | 3.84 | .99 | .0 | 6.7 | 11.0 | s. | 35 | nw. | 2 | 6 | 8 | 16 | 12 | 11 | 0 | 0 | 0 | 12 | 3 | 3 | 1 | 0 | 2 | 0 | 2 | 0 | 7 |
| October | 1.01 | .89 | .0 | 4.4 | 9.5 | nw. | 31 | nw. | 0 | 15 | 7 | 9 | 5 | 3 | 0 | 0 | 1 | 7 | 1 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 1 |
| November | .18 | .07 | 1.0 | 6.3 | 13.0 | s. | 38 | s. | 4 | 8 | 8 | 14 | 6 | 1 | 5 | 3 | 0 | 6 | 2 | 1 | 1 | 2 | 0 | 0 | 19 | 0 | 0 |
| December | .56 | .28 | 7.0 | 7.8 | 10.9 | s. | 37 | nw. | 3 | 4 | 7 | 20 | 7 | 4 | 13 | 6 | 0 | 13 | 6 | 1 | 2 | 17 | 0 | 0 | 31 | 0 | 0 |
| Year | 26.70 | 3.48 | 40.0 | 6.0 | 11.6 | s. | 65 | n. | 44 | 94 | 116 | 155 | 101 | 77 | 48 | 24 | 8 | 93 | 25 | 17 | 12 | 46 | 29 | 6 | 133 | 12 | 51 |

OSWEGO, N. Y.

[$H$=335 ft.; $H_b$=335 ft.; $H_t$=71 ft.; $H_r$=69 ft.; $H_b$=85 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.31 | 0.59 | 24.3 | 8.4 | 11.2 | s. | 30 | sw. | 0 | 1 | 6 | 24 | 16 | 13 | 20 | 12 | 0 | 0 | 1 | 1 | 1 | 15 | 0 | 0 | 30 | 2 | 0 |
| February | 3.15 | 1.49 | 20.9 | 8.4 | 13.0 | nw. | 28 | nw. | 0 | 2 | 7 | 19 | 15 | 13 | 22 | 13 | 0 | 0 | 0 | 1 | 0 | 21 | 0 | 0 | 28 | 1 | 0 |
| March | 4.18 | 1.23 | 8.7 | 7.1 | 11.2 | w. | 29 | w. | 0 | 6 | 7 | 18 | 14 | 14 | 16 | 10 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 2 |
| April | 2.76 | 1.17 | 8.0 | 6.2 | 9.3 | w. | 22 | n. | 0 | 7 | 10 | 13 | 13 | 11 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| May | 3.98 | 1.09 | .0 | 6.6 | 7.9 | s. | 26 | se. | 0 | 4 | 12 | 15 | 18 | 14 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| June | 2.28 | 1.11 | .0 | 5.1 | 7.4 | w. | 24 | n. | 0 | 13 | 7 | 10 | 12 | 10 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 |
| July | 2.74 | .93 | .0 | 4.1 | 7.2 | w. | 24 | nw. | 0 | 17 | 9 | 5 | 13 | 8 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| August | 1.41 | .75 | .0 | 4.8 | 7.3 | s. | 24 | n. | 0 | 12 | 12 | 7 | 11 | 8 | 0 | 0 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 |
| September | 3.28 | 1.26 | .0 | 5.7 | ..... | s. | ..... | ..... | ..... | 9 | 10 | 11 | 14 | 13 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| October | 3.35 | 1.27 | T | 5.3 | 9.3 | se. | 22 | se. | 0 | 10 | 15 | 6 | 12 | 10 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| November | 2.91 | .79 | 8.7 | 7.0 | 11.3 | s. | 30 | w. | 0 | 6 | 8 | 16 | 21 | 17 | 9 | 8 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 14 | 0 | 0 |
| December | 5.54 | 2.01 | 25.5 | 9.0 | 12.6 | se. | 38 | w. | 2 | 3 | 0 | 28 | 20 | 18 | 21 | 14 | 0 | 3 | 0 | 0 | 0 | 13 | 0 | 0 | 27 | 3 | 0 |
| Year | 37.89 | 2.01 | 96.1 | 6.5 | ..... | se. | 38 | w. | ..... | 90 | 103 | 172 | 179 | 149 | 94 | 59 | 3 | 29 | 4 | 3 | 3 | 50 | 3 | 0 | 122 | 6 | 21 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

PALESTINE, TEX.
[$\phi$=31°45′N.; $\lambda$=95°40′W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.69 | 30.23 | 30.14 | 29.10 | 44.5 | 39.9 | 50.1 | 50.4 | 39.3 | 36.3 | 42.3 | 41.8 | 55.7 | 35.8 | 45.8 | 77 | 15 | 33 | 32 | 33 | 32 | 32 | 66 | 75 | 56 | 53 | 62 |
| February | 29.51 | 30.05 | 29.92 | 28.99 | 47.0 | 43.3 | 51.5 | 53.0 | 42.5 | 40.1 | 44.0 | 45.5 | 57.3 | 40.0 | 48.6 | 74 | 24 | 37 | 36 | 34 | 36 | 36 | 68 | 75 | 55 | 55 | 63 |
| March | 29.41 | 29.94 | 29.88 | 29.00 | 53.9 | 50.2 | 62.3 | 64.3 | 47.1 | 45.8 | 50.6 | 50.7 | 67.6 | 47.4 | 57.5 | 85 | 34 | 39 | 40 | 37 | 35 | 38 | 60 | 71 | 45 | 40 | 54 |
| April | 29.46 | 29.99 | 29.84 | 29.12 | 62.4 | 59.5 | 70.4 | 71.0 | 58.6 | 57.5 | 61.0 | 61.4 | 74.5 | 57.8 | 66.2 | 86 | 40 | 56 | 56 | 54 | 54 | 55 | 79 | 88 | 59 | 60 | 72 |
| May | 29.44 | 29.97 | 29.71 | 29.13 | 67.8 | 65.5 | 76.0 | 76.7 | 64.5 | 63.1 | 67.1 | 67.5 | 81.1 | 63.0 | 72.0 | 90 | 48 | 62 | 62 | 62 | 63 | 62 | 83 | 87 | 64 | 64 | 74 |
| June | 29.37 | 29.89 | 29.64 | 29.10 | 75.2 | 72.7 | 83.8 | 83.9 | 71.8 | 70.6 | 73.3 | 73.9 | 88.6 | 70.4 | 79.5 | 93 | 64 | 70 | 70 | 69 | 70 | 70 | 85 | 90 | 62 | 62 | 75 |
| July | 29.53 | 30.05 | 29.71 | 29.37 | 76.3 | 73.8 | 86.9 | 87.1 | 72.2 | 71.6 | 73.9 | 73.9 | 91.1 | 72.6 | 81.8 | 96 | 67 | 70 | 71 | 68 | 68 | 69 | 83 | 90 | 55 | 55 | 71 |
| August | 29.46 | 29.98 | 29.60 | 29.13 | 76.6 | 73.6 | 86.0 | 86.1 | 73.2 | 72.3 | 74.4 | 74.4 | 90.6 | 72.8 | 81.7 | 95 | 70 | 72 | 72 | 70 | 70 | 71 | 86 | 93 | 61 | 60 | 75 |
| September | 29.50 | 30.02 | 29.84 | 29.28 | 69.8 | 66.5 | 79.4 | 77.3 | 66.2 | 64.7 | 68.2 | 68.2 | 83.6 | 64.5 | 74.0 | 92 | 42 | 64 | 63 | 62 | 63 | 63 | 83 | 90 | 57 | 64 | 73 |
| October | 29.49 | 30.02 | 29.77 | 29.06 | 63.8 | 59.2 | 74.6 | 71.8 | 58.4 | 56.1 | 62.5 | 61.1 | 78.2 | 57.1 | 67.6 | 86 | 42 | 55 | 54 | 54 | 54 | 54 | 74 | 82 | 52 | 56 | 66 |
| November | 29.54 | 30.08 | 30.05 | 29.02 | 58.3 | 54.9 | 65.9 | 65.2 | 53.4 | 51.4 | 56.3 | 56.6 | 71.8 | 51.9 | 61.8 | 83 | 33 | 49 | 48 | 48 | 49 | 48 | 72 | 78 | 55 | 59 | 66 |
| December | 29.54 | 30.08 | 29.90 | 29.02 | 48.8 | 45.8 | 55.0 | 55.0 | 45.9 | 43.9 | 48.4 | 48.7 | 60.4 | 41.8 | 51.1 | 79 | 29 | 43 | 42 | 42 | 43 | 42 | 82 | 86 | 64 | 66 | 74 |
| Year | 29.50 | 30.03 | 30.14 | 28.99 | 62.0 | 58.7 | 70.2 | 70.2 | 57.8 | 56.1 | 60.2 | 60.3 | 75.0 | 56.3 | 65.6 | 96 | 15 | 54 | 54 | 53 | 53 | 53 | 77 | 84 | 57 | 58 | 69 |

PARKERSBURG, W. VA.
[$\phi$=39°16′N.; $\lambda$=81°36′W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.40 | 30.10 | 29.85 | 28.68 | 30.6 | 28.1 | 35.9 | 34.2 | 28.3 | 26.1 | 31.2 | 30.4 | 40.5 | 23.5 | 32.0 | 62 | −7 | 24 | 22 | 23 | 24 | 23 | 78 | 80 | 60 | 66 | 71 |
| February | 29.33 | 30.04 | 29.80 | 28.64 | 28.6 | 26.1 | 34.2 | 33.2 | 26.7 | 24.4 | 29.8 | 29.6 | 37.7 | 22.8 | 30.2 | 58 | 9 | 23 | 21 | 22 | 22 | 22 | 78 | 80 | 59 | 65 | 70 |
| March | 29.21 | 29.90 | 29.56 | 28.38 | 41.9 | 38.7 | 50.9 | 49.5 | 38.3 | 35.6 | 42.7 | 42.5 | 55.1 | 35.5 | 45.3 | 81 | 26 | 34 | 32 | 33 | 34 | 33 | 74 | 75 | 53 | 58 | 65 |
| April | 29.40 | 30.09 | 29.68 | 28.89 | 51.2 | 48.2 | 65.2 | 63.7 | 47.0 | 44.3 | 51.5 | 51.2 | 70.2 | 44.3 | 57.2 | 91 | 31 | 42 | 40 | 39 | 40 | 40 | 74 | 76 | 43 | 46 | 60 |
| May | 29.34 | 30.02 | 29.64 | 29.01 | 59.3 | 58.9 | 72.0 | 68.7 | 56.5 | 55.4 | 60.8 | 60.2 | 75.2 | 53.7 | 64.4 | 93 | 41 | 54 | 53 | 54 | 55 | 54 | 85 | 82 | 56 | 64 | 72 |
| June | 29.29 | 29.96 | 29.55 | 29.01 | 68.3 | 68.0 | 80.2 | 76.4 | 66.1 | 64.5 | 68.9 | 68.5 | 83.2 | 64.2 | 73.7 | 92 | 52 | 65 | 63 | 63 | 64 | 64 | 90 | 84 | 58 | 68 | 75 |
| July | 29.35 | 30.02 | 29.54 | 29.16 | 70.6 | 70.0 | 81.2 | 79.7 | 68.5 | 67.4 | 70.5 | 71.4 | 85.7 | 66.3 | 76.0 | 96 | 56 | 68 | 66 | 65 | 68 | 67 | 90 | 88 | 61 | 68 | 77 |
| August | 29.37 | 30.04 | 29.68 | 29.12 | 68.4 | 66.1 | 79.5 | 76.4 | 66.5 | 64.4 | 69.0 | 69.4 | 82.9 | 63.7 | 73.3 | 94 | 50 | 66 | 64 | 64 | 66 | 65 | 90 | 92 | 60 | 71 | 78 |
| September | 29.39 | 30.07 | 29.87 | 28.94 | 62.2 | 58.9 | 73.7 | 69.0 | 60.3 | 57.4 | 63.2 | 63.5 | 77.0 | 56.3 | 66.7 | 90 | 32 | 59 | 56 | 56 | 60 | 58 | 90 | 92 | 56 | 74 | 78 |
| October | 29.36 | 30.05 | 29.66 | 28.84 | 53.6 | 50.1 | 66.1 | 59.8 | 50.5 | 47.8 | 55.3 | 54.1 | 68.8 | 47.9 | 58.4 | 82 | 28 | 48 | 46 | 46 | 49 | 47 | 82 | 85 | 52 | 70 | 72 |
| November | 29.41 | 30.11 | 29.83 | 28.93 | 45.2 | 43.3 | 51.3 | 47.3 | 41.5 | 40.4 | 44.8 | 42.9 | 54.6 | 38.3 | 46.4 | 75 | 22 | 37 | 37 | 37 | 37 | 37 | 74 | 79 | 61 | 70 | 71 |
| December | 29.40 | 30.11 | 29.96 | 28.55 | 31.5 | 29.2 | 35.3 | 34.4 | 29.9 | 27.7 | 32.2 | 32.1 | 39.0 | 25.4 | 32.2 | 60 | −6 | 27 | 25 | 26 | 28 | 26 | 84 | 83 | 69 | 76 | 78 |
| Year | 29.36 | 30.04 | 29.96 | 28.38 | 51.0 | 48.8 | 60.5 | 57.7 | 48.3 | 46.3 | 51.7 | 51.3 | 64.2 | 45.2 | 54.6 | 96 | −7 | 46 | 44 | 44 | 46 | 45 | 82 | 83 | 57 | 66 | 72 |

PEORIA, ILL.
Airport [$\phi$=40°43′N.; $\lambda$=89°36′W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.43 | 30.12 | 30.00 | 28.62 | 23.2 | 20.9 | 29.5 | 26.2 | 22.1 | 20.1 | 26.9 | 24.4 | 33.8 | 17.3 | 25.6 | 57 | −11 | 20 | 18 | 22 | 21 | 20 | 86 | 89 | 72 | 78 | 81 |
| February | 29.44 | 30.08 | 29.73 | 28.69 | 24.5 | 22.8 | 29.3 | 27.7 | 23.5 | 22.0 | 27.1 | 26.2 | 32.3 | 21.2 | 26.8 | 41 | 4 | 21 | 20 | 23 | 23 | 22 | 86 | 90 | 75 | 81 | 83 |
| March | 29.19 | 29.86 | 29.59 | 28.42 | 37.4 | 35.2 | 45.2 | 43.6 | 35.0 | 33.3 | 39.9 | 39.3 | 50.4 | 33.5 | 42.0 | 76 | 23 | 32 | 31 | 34 | 34 | 33 | 81 | 85 | 66 | 72 | 76 |
| April | 29.40 | 30.06 | 29.75 | 28.96 | 47.3 | 46.7 | 62.6 | 60.9 | 45.5 | 43.7 | 54.2 | 52.0 | 67.2 | 46.0 | 56.1 | 89 | 29 | 42 | 40 | 44 | 44 | 43 | 76 | 80 | 54 | 57 | 67 |
| May | 29.31 | 29.96 | 29.62 | 28.89 | 57.0 | 54.9 | 67.3 | 65.6 | 54.0 | 52.1 | 58.2 | 58.1 | 72.8 | 51.5 | 61.9 | 93 | 38 | 51 | 50 | 52 | 53 | 52 | 83 | 84 | 60 | 65 | 73 |
| June | 29.31 | 29.95 | 29.54 | 28.92 | 66.2 | 65.6 | 77.2 | 75.2 | 63.5 | 63.5 | 68.6 | 67.6 | 81.3 | 62.5 | 71.9 | 96 | 44 | 62 | 62 | 64 | 64 | 63 | 88 | 89 | 66 | 69 | 78 |
| July | 29.36 | 30.00 | 29.55 | 29.15 | 69.9 | 68.3 | 82.5 | 81.0 | 67.4 | 66.3 | 72.0 | 71.9 | 86.5 | 66.1 | 76.3 | 97 | 51 | 66 | 65 | 67 | 68 | 67 | 88 | 90 | 61 | 65 | 76 |
| August | 29.38 | 30.02 | 29.62 | 29.14 | 67.4 | 64.7 | 80.4 | 77.4 | 64.2 | 62.8 | 69.1 | 68.5 | 84.1 | 62.6 | 73.4 | 97 | 45 | 62 | 62 | 64 | 64 | 63 | 84 | 90 | 58 | 65 | 74 |
| September | 29.38 | 30.03 | 29.88 | 29.12 | 59.8 | 56.9 | 69.8 | 67.0 | 57.2 | 55.3 | 62.0 | 60.7 | 74.6 | 55.1 | 64.8 | 92 | 24 | 55 | 54 | 57 | 57 | 56 | 85 | 90 | 65 | 71 | 78 |
| October | 29.37 | 30.02 | 29.69 | 28.68 | 50.0 | 45.8 | 61.6 | 56.9 | 47.0 | 44.3 | 53.3 | 50.3 | 66.6 | 43.8 | 55.2 | 83 | 21 | 44 | 43 | 46 | 44 | 44 | 79 | 89 | 59 | 62 | 72 |
| November | 29.47 | 30.03 | 29.84 | 28.74 | 39.1 | 36.7 | 46.5 | 44.0 | 37.2 | 35.3 | 42.6 | 41.0 | 50.1 | 32.8 | 41.4 | 75 | 17 | 35 | 33 | 38 | 38 | 36 | 84 | 88 | 74 | 79 | 81 |
| December | 29.44 | 30.13 | 29.99 | 28.92 | 22.1 | 20.8 | 27.6 | 25.1 | 21.7 | 20.4 | 25.9 | 24.0 | 31.7 | 17.5 | 24.6 | 59 | −3 | 21 | 20 | 24 | 22 | 21 | 93 | 94 | 88 | 87 | 90 |
| Year | 29.37 | 30.02 | 30.00 | 28.42 | 47.0 | 44.9 | 56.6 | 54.2 | 44.9 | 43.3 | 50.0 | 48.7 | 60.9 | 42.4 | 51.7 | 97 | −11 | 43 | 42 | 45 | 44 | 43 | 84 | 88 | 66 | 71 | 77 |

PENSACOLA, FLA.
[$\phi$=30°25′N.; $\lambda$=87°13′W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30.12 | 30.18 | 30.56 | 29.63 | ---- | 43.8 | 55.4 | 52.1 | ---- | 41.0 | 47.4 | 46.9 | 58.4 | 40.3 | 49.6 | 73 | 20 | ---- | 37 | 38 | 41 | 39 | ---- | 77 | 54 | 66 | 66 |
| February | 29.99 | 30.05 | 30.39 | 29.34 | ---- | 45.2 | 54.3 | 53.6 | ---- | 42.8 | 47.7 | 47.7 | 57.5 | 42.6 | 50.0 | 72 | 30 | ---- | 40 | 40 | 41 | 40 | ---- | 81 | 60 | 65 | 69 |
| March | 29.92 | 29.98 | 30.24 | 29.38 | ---- | 54.0 | 61.8 | 59.3 | ---- | 51.2 | 54.2 | 54.0 | 65.1 | 50.6 | 57.8 | 74 | 37 | ---- | 48 | 46 | 48 | 48 | ---- | 82 | 63 | 70 | 72 |
| April | 30.04 | 30.10 | 30.36 | 29.71 | ---- | 60.5 | 71.5 | 68.4 | ---- | 56.4 | 60.3 | 61.2 | 74.0 | 57.8 | 65.9 | 85 | 41 | ---- | 53 | 53 | 56 | 54 | ---- | 78 | 55 | 67 | 67 |
| May | 29.97 | 30.03 | 30.13 | 29.71 | ---- | 69.0 | 78.1 | 75.2 | ---- | 65.3 | 68.6 | 67.6 | 80.6 | 65.4 | 73.0 | 88 | 54 | ---- | 63 | 63 | 63 | 63 | ---- | 82 | 62 | 69 | 71 |
| June | 29.90 | 29.96 | 30.12 | 29.68 | 76.8 | 77.5 | 83.6 | 81.0 | 73.7 | 74.1 | 74.8 | 74.9 | 85.9 | 73.6 | 79.8 | 96 | 68 | 72 | 73 | 71 | 72 | 72 | 87 | 86 | 67 | 76 | 79 |
| July | 30.02 | 30.08 | 30.19 | 29.82 | 79.3 | 78.7 | 86.4 | 83.6 | 75.5 | 75.2 | 76.7 | 76.5 | 89.5 | 75.5 | 82.5 | 100 | 71 | 74 | 74 | 73 | 74 | 74 | 84 | 86 | 65 | 72 | 77 |
| August | 29.98 | 30.04 | 30.11 | 29.86 | 78.5 | 77.9 | 85.6 | 81.2 | 75.0 | 74.7 | 76.1 | 75.1 | 88.4 | 74.7 | 81.6 | 94 | 70 | 74 | 73 | 72 | 73 | 73 | 85 | 86 | 66 | 77 | 79 |
| September | 29.96 | 30.02 | 30.21 | 29.63 | 74.0 | 71.6 | 81.9 | 78.3 | 69.8 | 68.5 | 71.9 | 71.7 | 84.0 | 69.3 | 76.6 | 94 | 50 | 68 | 67 | 67 | 69 | 68 | 81 | 85 | 63 | 73 | 75 |
| October | 29.96 | 30.02 | 30.20 | 29.72 | 67.9 | 64.8 | 78.1 | 73.1 | 63.4 | 61.2 | 66.1 | 66.2 | 80.1 | 62.4 | 71.2 | 86 | 39 | 60 | 59 | 59 | 62 | 60 | 78 | 81 | 54 | 70 | 71 |
| November | 30.06 | 30.12 | 30.32 | 29.71 | ---- | 55.8 | 69.4 | 64.7 | ---- | 52.9 | 59.4 | 58.8 | 71.7 | 53.2 | 62.4 | 82 | 38 | ---- | 50 | 51 | 54 | 52 | ---- | 82 | 55 | 70 | 69 |
| December | 30.05 | 30.11 | 30.48 | 29.54 | ---- | 50.8 | 59.4 | 56.8 | ---- | 49.2 | 53.8 | 53.2 | 63.5 | 46.6 | 55.0 | 76 | 31 | ---- | 48 | 48 | 50 | 49 | ---- | 88 | 70 | 79 | 79 |
| Year | 30.00 | 30.06 | 30.56 | 29.34 | ---- | 62.5 | 72.1 | 68.9 | ---- | 59.4 | 63.1 | 62.8 | 74.9 | 59.4 | 67.1 | 100 | 20 | ---- | 57 | 57 | 59 | 58 | ---- | 83 | 61 | 71 | 73 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

PALESTINE, TEX.

[$H$=491 ft.; $H_b$=510 ft.; $H_t$=64 ft.; $H_r$=57 ft.; $H_a$=72 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Number of days—Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.57 | 0.22 | T | 4.9 | 7.6 | n. | 28 | w. | 0 | 11 | 10 | 10 | 5 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 11 | 0 | 2 |
| February | .65 | .26 | T | 6.9 | 8.9 | n. | 25 | nw. | 0 | 4 | 10 | 14 | 9 | 4 | 2 | 0 | 0 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 5 | 0 | 0 |
| March | 1.24 | .65 | T | 4.9 | 10.3 | s. | 27 | nw. | 0 | 12 | 10 | 9 | 7 | 5 | 1 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 8.78 | 4.86 | .0 | 6.7 | 9.1 | s. | 25 | se. | 0 | 7 | 6 | 17 | 11 | 9 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| May | 7.48 | 4.37 | .0 | 5.9 | 7.9 | s. | 23 | nw. | 0 | 9 | 10 | 12 | 10 | 6 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 9 |
| June | 3.78 | 1.03 | .0 | 5.0 | 6.9 | s. | 28 | nw. | 0 | 9 | 16 | 5 | 10 | 9 | 0 | 0 | | 1 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 8 |
| July | 1.01 | .69 | .0 | 4.2 | 6.3 | s. | 22 | se. | 0 | 16 | 9 | 6 | 9 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 24 | 5 | 0 | 0 | 5 |
| August | 3.05 | 1.00 | .0 | 4.9 | 6.9 | s. | 26 | se. | 0 | 11 | 11 | 9 | 12 | 9 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 18 | 7 | 0 | 0 | 9 |
| September | 3.35 | 1.45 | .0 | 5.0 | 5.7 | s. | 24 | nw. | 0 | 10 | 12 | 8 | 9 | 7 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 6 |
| October | 1.28 | 1.06 | .0 | 4.0 | 6.2 | n. | 24 | s. | 0 | 17 | 8 | 6 | 7 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 1.59 | 1.29 | .0 | 4.5 | 8.9 | s. | 21 | s. | 0 | 13 | 6 | 11 | 7 | 4 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 3.91 | 2.88 | .4 | 5.5 | 8.2 | s. | 26 | se. | 0 | 10 | 10 | 11 | 12 | 7 | 1 | 1 | | 3 | 7 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| Year | 36.69 | 4.86 | .4 | 5.2 | 7.7 | s. | 28 | s. | 0 | 129 | 118 | 118 | 108 | 72 | 8 | 1 | 0 | 18 | 15 | 8 | 7 | 5 | 65 | 12 | 18 | 0 | 51 |

PARKERSBURG, W. VA.

[$H$=615 ft.; $H_b$=637 ft.; $H_t$=77 ft.; $H_r$=70 ft.; $H_a$=84 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Number of days—Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.53 | 0.47 | 4.2 | 6.9 | 6.5 | se. | 25 | sw. | 0 | 6 | 8 | 17 | 10 | 7 | 9 | 5 | 0 | 7 | 2 | 0 | 2 | 8 | 0 | 0 | 24 | 2 | 0 |
| February | 1.56 | .65 | 3.3 | 6.9 | 7.3 | w. | 26 | w. | 0 | 5 | 8 | 15 | 10 | 8 | 15 | 5 | 0 | 9 | 1 | 0 | 2 | 10 | 0 | 0 | 24 | 0 | 0 |
| March | 3.14 | .95 | 6.7 | 6.8 | 7.6 | sw. | 32 | nw. | 1 | 6 | 10 | 15 | 14 | 9 | 7 | 3 | 0 | 9 | 2 | 0 | 1 | 1 | 0 | 0 | 10 | 0 | 2 |
| April | 1.90 | 1.34 | T | 4.3 | 6.0 | nw. | 27 | nw. | 0 | 13 | 10 | 7 | 7 | 7 | 2 | 0 | 0 | 8 | 0 | 1 | 1 | 0 | 1 | 0 | 2 | 0 | 2 |
| May | 3.87 | 1.24 | .0 | 5.9 | 5.1 | se. | 20 | sw. | 0 | 7 | 14 | 10 | 12 | 10 | 0 | 0 | 0 | 15 | 1 | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 9 |
| June | 3.48 | 1.26 | .0 | 5.8 | 4.8 | se. | 26 | nw. | 0 | 7 | 11 | 12 | 11 | 7 | 0 | 0 | 0 | 19 | 3 | 1 | 2 | 0 | 5 | 0 | 0 | 0 | 11 |
| July | 3.97 | 1.22 | .0 | 5.5 | 4.3 | se. | 30 | nw. | 0 | 9 | 11 | 11 | 11 | 10 | 0 | 0 | 1 | 22 | 3 | 0 | 6 | 0 | 6 | 2 | 0 | 0 | 10 |
| August | 6.15 | 1.69 | .0 | 5.5 | 3.9 | se. | 20 | w. | 0 | 6 | 18 | 7 | 12 | 11 | 0 | 0 | 0 | 24 | 7 | 0 | 8 | 0 | 2 | 0 | 0 | 0 | 9 |
| September | 3.97 | .95 | .0 | 5.1 | 4.6 | se. | 26 | nw. | 0 | 9 | 14 | 7 | 14 | 10 | 0 | 0 | 0 | 20 | 6 | 3 | 6 | 0 | 1 | 0 | 1 | | 4 |
| October | 2.66 | 1.18 | T | 5.4 | 4.8 | se. | 20 | nw. | 0 | 10 | 8 | 13 | 10 | 8 | 1 | 0 | 0 | 19 | 5 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 |
| November | 2.48 | .54 | T | 7.0 | 6.7 | se. | 29 | w. | 0 | 7 | 6 | 17 | 11 | 10 | 2 | 0 | 0 | 13 | 2 | 3 | 3 | 0 | 0 | 0 | 8 | 0 | 0 |
| December | 5.16 | 1.94 | 11.5 | 7.8 | 6.5 | se. | 30 | nw. | 0 | 5 | 4 | 22 | 18 | 11 | 16 | 8 | 0 | 16 | 5 | 3 | 3 | 7 | 0 | 0 | 20 | 2 | 0 |
| Year | 39.87 | 1.94 | 25.7 | 6.1 | 5.7 | se | 32 | nw. | 1 | 90 | 122 | 153 | 140 | 108 | 52 | 21 | 1 | 181 | 37 | 13 | 37 | 26 | 19 | 2 | 91 | 4 | 48 |

PEORIA, ILL.

[$H$=602 ft.; $H_b$=608 ft.; $H_t$=11 ft.; $H_r$=4 ft.; $H_a$=45 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Number of days—Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.22 | 0.77 | 3.5 | 5.0 | 6.8 | w. | 26 | sw. | 0 | 13 | 5 | 13 | 6 | 3 | 6 | 5 | 0 | 17 | 3 | 1 | 2 | 11 | 0 | 0 | 28 | 8 | 0 |
| February | 4.95 | 3.17 | 8.9 | 7.4 | 7.0 | e. | 20 | n. | 0 | 3 | 7 | 18 | 10 | 8 | 16 | 5 | 0 | 10 | 2 | 4 | 3 | 12 | 0 | 0 | 24 | 0 | 2 |
| March | 2.58 | 1.43 | .7 | 5.8 | 8.2 | w. | 26 | s. | 0 | 8 | 11 | 12 | 13 | 6 | 8 | 3 | 2 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 16 | 0 | 2 |
| April | 3.51 | 1.64 | T | 3.3 | 7.5 | s. | 22 | ne. | 0 | 19 | 5 | 6 | 9 | 8 | 1 | 0 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 2 |
| May | 3.28 | .96 | .0 | 4.2 | 5.8 | s. | 24 | sw. | 0 | 13 | 13 | 5 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 8 |
| June | 4.84 | 1.53 | .0 | 4.6 | 4.1 | se. | 18 | sw. | 0 | 11 | 13 | 6 | 14 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 7 |
| July | 3.88 | 2.00 | .0 | 2.9 | 3.9 | sw. | 21 | n. | 0 | 20 | 10 | 1 | 13 | 9 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 9 | 2 | 0 | 0 | 12 |
| August | 2.13 | 1.29 | .0 | 3.7 | 3.8 | s. | 14 | sw. | 0 | 18 | 11 | 2 | 6 | 6 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 4 |
| September | 3.34 | 1.16 | 1.0 | 5.5 | 4.2 | s. | 17 | sw. | 0 | 11 | 10 | 9 | 12 | 10 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 0 | 4 |
| October | .96 | .45 | .0 | 4.6 | 4.7 | w. | 20 | s. | 0 | 15 | 7 | 9 | 8 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 1 |
| November | 4.72 | 1.36 | 3.2 | 6.5 | 7.0 | s. | 20 | s. | 0 | 7 | 8 | 15 | 14 | 11 | 3 | 2 | 0 | 2 | 1 | 0 | 1 | 3 | 0 | 0 | 13 | 0 | 2 |
| December | 2.45 | 1.75 | 9.5 | 7.4 | 5.8 | w. | 20 | w. | 0 | 5 | 7 | 19 | 8 | 7 | 15 | 6 | 0 | 2 | 1 | 0 | 1 | 17 | 0 | 0 | 26 | 3 | 1 |
| Year | 37.86 | 3.17 | 26.8 | 5.1 | 5.7 | s. | 26 | s. | 0 | 143 | 107 | 115 | 125 | 92 | 50 | 22 | 5 | 37 | 14 | 7 | 11 | 43 | 29 | 4 | 118 | 11 | 45 |

PENSACOLA, FLA.

[$H$=13 ft.; $H_b$=56 ft.; $H_t$=54 ft.; $H_r$=52 ft.; $H_a$=79 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Number of days—Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.39 | 1.71 | 0.0 | 3.9 | 8.4 | n. | 26 | s. | 0 | 18 | 5 | 8 | 7 | 7 | 0 | 0 | 0 | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 5 | 0 | 7 |
| February | 12.16 | 7.42 | .0 | 6.6 | 8.6 | n. | 28 | se. | 0 | 6 | 8 | 14 | 9 | 8 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| March | 8.00 | 2.12 | .0 | 6.2 | 9.3 | se. | 31 | w. | 0 | 11 | 4 | 16 | 15 | 12 | 0 | 0 | 0 | 5 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| April | 1.75 | 1.69 | .0 | 4.4 | 7.8 | se. | 24 | w. | 0 | 13 | 9 | 8 | 3 | 2 | 0 | 0 | 0 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 5.73 | 3.08 | .0 | 3.9 | 6.8 | sw. | 28 | sw. | 0 | 17 | 8 | 6 | 8 | 6 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| June | 12.68 | 4.31 | .0 | 5.1 | 7.6 | sw. | 26 | e. | 0 | 9 | 13 | 8 | 13 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 9 |
| July | 5.63 | 2.38 | .0 | 5.3 | 5.8 | w. | 26 | w. | 0 | 10 | 12 | 9 | 15 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 2 | 0 | 0 | 17 |
| August | 7.79 | 2.27 | .0 | 6.3 | 6.9 | w. | 25 | sw. | 0 | 4 | 16 | 11 | 16 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 15 |
| September | 7.36 | 3.47 | .0 | 4.8 | 7.2 | e. | 18 | n. | 0 | 12 | 9 | 9 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 9 |
| October | 1.71 | 1.42 | .0 | 3.0 | 7.3 | ne. | 21 | se. | 0 | 22 | 6 | 3 | 5 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | .43 | .30 | .0 | 3.1 | 7.6 | se. | 22 | ne. | 0 | 20 | 6 | 4 | 3 | 3 | 0 | 0 | 0 | 7 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 5.52 | 1.81 | .0 | 6.0 | 8.4 | n. | 26 | w. | 0 | 9 | 9 | 13 | 11 | 9 | 0 | 0 | 0 | 7 | 3 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 5 |
| Year | 73.15 | 7.42 | .0 | 4.9 | 7.6 | n. | 31 | w. | 0 | 151 | 105 | 109 | 115 | 92 | 0 | 0 | 0 | 32 | 19 | 14 | 7 | 0 | 32 | 3 | 8 | 0 | 80 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

PHILADELPHIA, PA.

Airport [$\phi$=39°53′ N.; $\lambda$=75°14′ W.] City [$\phi$=39°57′ N.; $\lambda$=75°09′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 29.96 | 30.08 | 30.48 | 29.19 | 28.5 | 27.8 | 35.3 | 31.5 | 26.6 | 25.9 | 30.8 | 28.6 | 39.5 | 25.5 | 32.5 | 59 | 6 | 22 | 22 | 22 | 22 | 22 | 77 | 77 | 58 | 68 | 70 |
| February | 29.78 | 29.90 | 30.33 | 29.01 | 28.0 | 26.3 | 35.8 | 31.8 | 25.3 | 23.8 | 30.3 | 27.9 | 38.8 | 24.6 | 31.7 | 55 | 10 | 19 | 17 | 19 | 20 | 19 | 67 | 67 | 50 | 59 | 61 |
| March | 29.76 | 29.88 | 30.21 | 28.65 | 39.8 | 39.1 | 48.9 | 44.4 | 36.9 | 36.4 | 41.7 | 39.4 | 52.5 | 37.2 | 44.8 | 70 | 33 | 32 | 33 | 32 | 32 | 32 | 75 | 78 | 55 | 64 | 68 |
| April | 29.92 | 30.05 | 30.26 | 29.52 | 47.3 | 48.0 | 63.5 | 56.5 | 43.4 | 44.0 | 50.6 | 48.2 | 66.7 | 45.7 | 56.2 | 88 | 36 | 39 | 40 | 38 | 40 | 39 | 74 | 73 | 43 | 55 | 61 |
| May | 29.92 | 30.04 | 30.22 | 29.61 | 59.8 | 61.7 | 75.7 | 68.7 | 56.1 | 56.9 | 61.9 | 60.4 | 77.1 | 57.2 | 67.2 | 93 | 48 | 53 | 53 | 52 | 54 | 53 | 80 | 74 | 46 | 62 | 66 |
| June | 29.84 | 29.96 | 30.21 | 29.43 | 65.9 | 68.5 | 79.0 | 74.8 | 62.7 | 64.1 | 66.8 | 65.9 | 81.0 | 64.2 | 72.6 | 93 | 55 | 60 | 61 | 59 | 61 | 60 | 84 | 79 | 54 | 64 | 70 |
| July | 29.86 | 29.98 | 30.15 | 29.52 | 71.1 | 73.0 | 84.1 | 78.0 | 67.4 | 67.8 | 70.5 | 69.7 | 85.6 | 70.5 | 78.0 | 98 | 65 | 65 | 65 | 64 | 65 | 65 | 83 | 77 | 52 | 67 | 70 |
| August | 29.93 | 30.06 | 30.30 | 29.65 | 67.8 | 69.5 | 79.9 | 73.6 | 65.7 | 66.4 | 68.8 | 67.6 | 81.5 | 66.7 | 74.1 | 92 | 55 | 64 | 64 | 63 | 64 | 64 | 89 | 85 | 58 | 74 | 76 |
| September | 29.94 | 30.06 | 30.46 | 29.47 | 62.4 | 63.3 | 75.7 | 67.9 | 60.2 | 60.6 | 64.2 | 62.2 | 77.9 | 61.1 | 69.5 | 93 | 43 | 58 | 59 | 56 | 58 | 58 | 86 | 85 | 53 | 73 | 74 |
| October | 29.95 | 30.07 | 30.40 | 29.45 | 52.2 | 52.0 | 65.5 | 57.8 | 49.7 | 49.8 | 55.9 | 53.6 | 66.2 | 51.7 | 59.0 | 82 | 36 | 47 | 48 | 48 | 50 | 48 | 84 | 86 | 56 | 76 | 75 |
| November | 29.96 | 30.09 | 30.46 | 29.21 | 42.7 | 41.2 | 53.3 | 46.3 | 39.8 | 38.5 | 45.2 | 41.7 | 55.2 | 40.4 | 47.8 | 73 | 26 | 36 | 35 | 36 | 36 | 35 | 76 | 78 | 52 | 67 | 68 |
| December | 29.95 | 30.08 | 30.64 | 28.66 | 30.0 | 28.1 | 34.7 | 31.7 | 28.0 | 26.5 | 31.1 | 29.1 | 38.9 | 26.5 | 32.7 | 57 | 2 | 24 | 23 | 24 | 24 | 24 | 78 | 81 | 66 | 72 | 74 |
| Year | 29.90 | 30.02 | 30.64 | 28.65 | 49.6 | 49.9 | 61.0 | 55.2 | 46.8 | 46.7 | 51.5 | 49.5 | 63.4 | 47.6 | 55.5 | 98 | 2 | 43 | 43 | 43 | 44 | 43 | 79 | 78 | 54 | 67 | 69 |

PITTSBURGH, PA.

Airport [$\phi$=40°21′ N.; $\lambda$=79°56′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.15 | 30.07 | 29.56 | 28.42 | 27.5 | 25.2 | 32.6 | 30.3 | 25.0 | 23.4 | 28.4 | 26.8 | 37.2 | 20.9 | 29.0 | 59 | −9 | 20 | 19 | 20 | 20 | 20 | 72 | 77 | 60 | 64 | 68 |
| February | 29.07 | 29.99 | 29.55 | 28.45 | 24.2 | 21.8 | 29.3 | 27.2 | 22.7 | 20.7 | 26.2 | 25.2 | 32.7 | 18.6 | 25.6 | 53 | 2 | 19 | 18 | 20 | 21 | 19 | 79 | 83 | 66 | 75 | 76 |
| March | 28.97 | 29.88 | 29.33 | 28.07 | 38.5 | 35.6 | 44.9 | 42.2 | 35.4 | 33.0 | 38.6 | 37.8 | 49.8 | 32.3 | 41.0 | 68 | 26 | 31 | 29 | 30 | 32 | 31 | 75 | 78 | 59 | 70 | 71 |
| April | 29.16 | 30.07 | 29.42 | 28.66 | 49.9 | 47.9 | 62.2 | 59.1 | 43.6 | 43.1 | 49.7 | 48.4 | 65.7 | 43.4 | 54.6 | 87 | 29 | 37 | 38 | 38 | 38 | 38 | 64 | 70 | 45 | 49 | 57 |
| May | 29.12 | 30.01 | 29.39 | 28.83 | 57.6 | 57.1 | 70.0 | 65.3 | 54.0 | 53.6 | 58.9 | 57.4 | 73.4 | 52.5 | 63.0 | 93 | 41 | 51 | 51 | 51 | 52 | 51 | 80 | 81 | 54 | 65 | 70 |
| June | 29.08 | 29.97 | 29.35 | 28.81 | 65.3 | 66.2 | 76.6 | 72.5 | 61.8 | 62.7 | 66.0 | 64.9 | 79.7 | 62.0 | 70.8 | 89 | 52 | 60 | 60 | 60 | 60 | 60 | 83 | 83 | 58 | 68 | 73 |
| July | 29.12 | 30.01 | 29.32 | 28.89 | 68.1 | 68.1 | 80.4 | 76.1 | 64.1 | 64.7 | 68.1 | 67.1 | 83.5 | 64.3 | 73.9 | 95 | 55 | 62 | 63 | 62 | 62 | 62 | 81 | 84 | 54 | 64 | 71 |
| August | 29.16 | 30.05 | 29.45 | 28.92 | 65.5 | 64.5 | 76.8 | 71.8 | 62.6 | 62.4 | 66.2 | 65.3 | 79.5 | 61.9 | 70.7 | 89 | 47 | 61 | 61 | 60 | 62 | 61 | 85 | 89 | 58 | 72 | 76 |
| September | 29.17 | 30.07 | 29.64 | 28.74 | 60.3 | 57.6 | 71.4 | 66.1 | 57.4 | 55.8 | 61.3 | 60.1 | 74.7 | 54.8 | 64.8 | 89 | 34 | 55 | 54 | 54 | 56 | 55 | 83 | 89 | 56 | 71 | 75 |
| October | 29.14 | 30.04 | 29.52 | 28.62 | 52.1 | 49.1 | 62.4 | 57.4 | 48.3 | 46.6 | 53.0 | 51.2 | 64.5 | 46.6 | 55.6 | 78 | 25 | 44 | 44 | 44 | 45 | 45 | 76 | 83 | 55 | 67 | 70 |
| November | 29.18 | 30.09 | 29.63 | 28.71 | 41.2 | 39.5 | 46.6 | 43.1 | 38.1 | 36.9 | 41.1 | 39.2 | 50.7 | 34.5 | 42.6 | 72 | 18 | 34 | 34 | 34 | 34 | 34 | 76 | 79 | 64 | 72 | 73 |
| December | 29.15 | 30.07 | 29.68 | 28.22 | 27.8 | 26.0 | 30.9 | 29.4 | 26.4 | 24.8 | 28.5 | 27.8 | 34.5 | 22.0 | 28.2 | 58 | 0 | 24 | 22 | 24 | 25 | 24 | 83 | 86 | 73 | 82 | 81 |
| Year | 29.12 | 30.03 | 29.68 | 28.07 | 48.2 | 46.6 | 57.0 | 53.4 | 45.0 | 44.0 | 48.8 | 47.6 | 60.5 | 42.8 | 51.6 | 95 | −9 | 42 | 41 | 41 | 42 | 42 | 78 | 82 | 58 | 68 | 72 |

PHOENIX, ARIZ.

Airport [$\phi$=33°26′ N.; $\lambda$=112°03′ W.] City [$\phi$=33°28′ N.; $\lambda$=112°04′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 28.91 | 30.08 | 29.16 | 28.58 | 46.6 | 40.8 | 59.0 | 63.8 | 41.9 | 37.6 | 47.6 | 49.5 | 67.7 | 41.3 | 54.5 | 78 | 28 | 37 | 34 | 35 | 34 | 35 | 70 | 78 | 43 | 35 | 56 |
| February | 28.75 | 29.92 | 28.98 | 28.52 | 45.7 | 38.6 | 58.0 | 63.8 | 39.3 | 35.0 | 45.7 | 47.5 | 66.4 | 39.2 | 52.8 | 77 | 30 | 31 | 30 | 31 | 28 | 30 | 57 | 70 | 37 | 28 | 48 |
| March | 28.76 | 29.92 | 29.14 | 28.42 | 51.8 | 43.0 | 65.9 | 72.3 | 42.5 | 37.6 | 49.0 | 50.8 | 74.2 | 44.0 | 59.1 | 90 | 35 | 31 | 30 | 30 | 26 | 29 | 46 | 62 | 28 | 19 | 39 |
| April | 28.69 | 29.83 | 28.94 | 28.48 | 60.3 | 52.7 | 71.9 | 77.4 | 50.2 | 46.2 | 54.6 | 56.0 | 80.0 | 52.6 | 66.3 | 92 | 41 | 40 | 39 | 39 | 36 | 39 | 50 | 62 | 32 | 26 | 43 |
| May | 28.66 | 29.79 | 28.84 | 28.46 | 66.2 | 56.4 | 84.3 | 90.6 | 52.4 | 46.6 | 58.4 | 60.0 | 91.5 | 58.8 | 75.2 | 106 | 48 | 40 | 36 | 35 | 32 | 36 | 39 | 47 | 18 | 13 | 29 |
| June | 28.60 | 29.72 | 28.78 | 28.40 | 74.3 | 66.0 | 94.0 | 101.3 | 56.7 | 52.1 | 63.1 | 64.1 | 101.8 | 68.1 | 85.0 | 112 | 62 | 42 | 39 | 39 | 34 | 38 | 32 | 38 | 15 | 10 | 24 |
| July | 28.68 | 29.78 | 28.90 | 28.50 | 87.1 | 78.7 | 98.0 | 105.0 | 68.8 | 66.4 | 71.5 | 72.1 | 106.5 | 78.9 | 92.7 | 116 | 70 | 58 | 59 | 58 | 54 | 57 | 42 | 53 | 28 | 20 | 36 |
| August | 28.65 | 29.76 | 28.86 | 28.44 | 83.2 | 76.1 | 93.7 | 100.2 | 68.6 | 67.2 | 71.6 | 71.8 | 101.4 | 76.3 | 88.8 | 108 | 66 | 61 | 62 | 61 | 57 | 60 | 49 | 64 | 35 | 26 | 44 |
| September | 28.64 | 29.76 | 28.86 | 28.44 | 75.6 | 69.7 | 91.7 | 98.0 | 62.0 | 59.2 | 67.0 | 67.5 | 100.2 | 70.2 | 85.2 | 105 | 62 | 53 | 52 | 52 | 48 | 51 | 47 | 54 | 28 | 20 | 37 |
| October | 28.75 | 29.88 | 29.02 | 28.40 | 64.5 | 57.8 | 79.7 | 82.2 | 54.4 | 50.6 | 60.3 | 60.0 | 86.2 | 58.4 | 72.3 | 98 | 44 | 46 | 44 | 47 | 44 | 45 | 54 | 62 | 33 | 28 | 44 |
| November | 28.79 | 29.94 | 29.12 | 28.46 | 53.0 | 47.1 | 70.4 | 71.8 | 46.5 | 42.0 | 53.3 | 54.9 | 78.9 | 48.1 | 63.5 | 88 | 36 | 40 | 36 | 37 | 40 | 38 | 62 | 67 | 30 | 33 | 48 |
| December | 28.87 | 30.04 | 29.18 | 28.41 | 46.1 | 41.8 | 61.1 | 64.1 | 41.3 | 38.2 | 49.3 | 50.3 | 69.9 | 42.0 | 56.0 | 79 | 35 | 36 | 34 | 37 | 37 | 36 | 67 | 74 | 43 | 38 | 55 |
| Year | 28.73 | 29.87 | 29.18 | 28.40 | 62.9 | 55.7 | 77.3 | 82.5 | 52.1 | 48.2 | 57.6 | 58.7 | 85.4 | 56.5 | 71.0 | 116 | 28 | 43 | 41 | 42 | 39 | 41 | 51 | 61 | 31 | 25 | 42 |

POCATELLO, IDAHO

Airport [$\phi$=42°55′ N.; $\lambda$=112°32′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 25.65 | 30.40 | 26.02 | 25.27 | 15.4 | 14.0 | 19.3 | 21.3 | 14.7 | 13.5 | 18.4 | 20.0 | 27.0 | 7.5 | 17.2 | 52 | −22 | 13 | 13 | 17 | 18 | 15 | 92 | 95 | 89 | 86 | 90 |
| February | 25.44 | 30.14 | 25.74 | 25.00 | 16.6 | 13.2 | 22.0 | 25.3 | 15.6 | 12.5 | 20.4 | 23.5 | 29.2 | 7.5 | 18.4 | 42 | −23 | 14 | 11 | 17 | 20 | 16 | 88 | 92 | 80 | 80 | 85 |
| March | 25.47 | 30.09 | 25.81 | 25.01 | 28.8 | 24.4 | 35.8 | 40.1 | 26.5 | 23.0 | 30.7 | 32.8 | 42.6 | 21.1 | 31.8 | 63 | 10 | 23 | 21 | 24 | 22 | 22 | 77 | 85 | 61 | 50 | 68 |
| April | 25.36 | 29.87 | 25.67 | 25.06 | 44.8 | 38.7 | 52.8 | 55.7 | 38.0 | 34.6 | 42.3 | 42.6 | 60.9 | 34.3 | 47.6 | 77 | 24 | 30 | 30 | 31 | 28 | 30 | 60 | 72 | 47 | 39 | 54 |
| May | 25.40 | 29.91 | 25.76 | 25.00 | 45.9 | 41.0 | 54.0 | 57.0 | 41.0 | 38.4 | 44.4 | 45.7 | 60.9 | 37.9 | 49.4 | 84 | 29 | 36 | 36 | 36 | 35 | 36 | 71 | 82 | 54 | 50 | 64 |
| June | 25.43 | 29.88 | 25.80 | 25.17 | 56.1 | 48.7 | 67.1 | 72.4 | 46.3 | 43.1 | 51.2 | 51.9 | 75.1 | 45.7 | 60.4 | 87 | 38 | 37 | 38 | 38 | 34 | 37 | 51 | 68 | 36 | 26 | 45 |
| July | 25.51 | 29.91 | 25.72 | 25.27 | 70.0 | 57.8 | 82.7 | 88.4 | 52.0 | 48.1 | 58.8 | 58.3 | 91.5 | 54.4 | 73.0 | 101 | 46 | 37 | 40 | 42 | 35 | 38 | 31 | 53 | 25 | 17 | 31 |
| August | 25.46 | 29.87 | 25.62 | 25.29 | 67.0 | 55.6 | 78.8 | 85.5 | 50.2 | 46.1 | 56.5 | 56.6 | 88.1 | 52.5 | 70.3 | 98 | 42 | 36 | 38 | 41 | 34 | 37 | 34 | 52 | 27 | 18 | 32 |
| September | 25.48 | 29.94 | 25.82 | 25.20 | 59.7 | 48.6 | 68.3 | 73.4 | 45.8 | 41.3 | 50.8 | 51.1 | 76.6 | 45.1 | 60.8 | 92 | 31 | 32 | 34 | 36 | 31 | 33 | 39 | 59 | 33 | 24 | 38 |
| October | 25.53 | 30.06 | 25.82 | 25.17 | 47.9 | 40.8 | 54.3 | 57.8 | 40.0 | 36.3 | 44.0 | 44.9 | 63.5 | 37.0 | 50.2 | 85 | 23 | 31 | 31 | 34 | 32 | 32 | 55 | 68 | 49 | 42 | 53 |
| November | 25.48 | 30.07 | 25.96 | 24.77 | 35.4 | 32.3 | 38.2 | 38.3 | 31.9 | 29.9 | 34.3 | 34.2 | 46.2 | 27.5 | 36.8 | 65 | 16 | 28 | 27 | 30 | 29 | 28 | 77 | 82 | 71 | 71 | 75 |
| December | 25.53 | 30.17 | 25.92 | 25.07 | 29.1 | 29.3 | 31.3 | 31.0 | 27.6 | 27.5 | 29.4 | 29.1 | 36.4 | 24.0 | 30.2 | 47 | 1 | 26 | 25 | 27 | 26 | 26 | 86 | 84 | 83 | 82 | 84 |
| Year | 25.48 | 30.03 | 26.02 | 24.77 | 43.1 | 37.0 | 50.4 | 53.8 | 35.8 | 32.9 | 40.1 | 40.9 | 58.2 | 32.9 | 45.5 | 101 | −23 | 29 | 29 | 31 | 29 | 29 | 63 | 74 | 55 | 49 | 60 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Philadelphia, Pa., 114 feet; Pittsburgh, Pa., 842 feet; Phoenix, Ariz., 1,107 feet; Pocatello, Idaho, 4,478 feet.

[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

PHILADELPHIA, PA

Airport [$H$=11 ft.; $H_b$=28 ft.; $H_t$=6 ft.; $H_r$=3 ft.; $H_a$=56 ft.] City [$H$=26 ft.; $H_b$=155 ft.; $H_t$=174 ft.; $H_r$=166 ft.; $H_a$=367 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 2.34 | .72 | 5.3 | 5.4 | 13.8 | n. | 44 | s. | 3 | 10 | 9 | 12 | 10 | 9 | 8 | 5 | 0 | 7 | 1 | 0 | 0 | 7 | 0 | 0 | 22 | 0 | 1 |
| February | 2.30 | 1.14 | 2.0 | 5.3 | 15.2 | nw. | 39 | ne. | 4 | 9 | 11 | 8 | 6 | 4 | 5 | 2 | 0 | 5 | 1 | 1 | 0 | 4 | 0 | 0 | 24 | 0 | 0 |
| March | 4.84 | 1.17 | 2.5 | 5.9 | 14.6 | s. | 53 | sw. | 9 | 8 | 10 | 13 | 13 | 12 | 4 | 2 | 0 | 13 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | 1.35 | 1.25 | T | 4.7 | 12.9 | sw. | 33 | sw. | 1 | 11 | 11 | 8 | 5 | 3 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 1.82 | 1.11 | .0 | 5.2 | 12.2 | s. | 34 | se. | 3 | 9 | 13 | 9 | 6 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| June | 2.13 | .92 | .0 | 5.5 | 10.6 | nw. | 30 | nw. | 0 | 9 | 9 | 12 | 14 | 7 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 |
| July | 6.74 | 2.98 | .0 | 5.6 | 10.5 | sw. | 33 | sw. | 2 | 6 | 17 | 8 | 12 | 9 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 7 |
| August | 6.55 | 1.68 | .0 | 6.1 | 9.8 | sw. | 37 | sw. | 1 | 8 | 11 | 12 | 9 | 9 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 7 |
| September | 1.68 | .82 | .0 | 4.9 | 10.4 | n. | 40 | s. | 2 | 11 | 11 | 8 | 6 | 4 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 4 |
| October | 3.40 | .96 | .0 | 5.2 | 11.7 | ne. | 29 | ne. | 0 | 10 | 8 | 13 | 9 | 7 | 0 | 0 | 0 | 8 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 3.79 | 1.72 | .0 | 4.7 | 13.3 | sw. | 44 | sw. | 2 | 12 | 10 | 8 | 9 | 7 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 5 | 0 | 2 |
| December | 4.22 | 1.44 | 5.2 | 6.7 | 13.2 | nw. | 39 | sw. | 3 | 5 | 12 | 14 | 15 | 11 | 10 | 4 | 0 | 9 | 5 | 2 | 4 | 5 | 0 | 0 | 20 | 0 | 1 |
| Year | 41.16 | 2.98 | 15.0 | 5.4 | 12.3 | nw. | 53 | sw. | 30 | 108 | 132 | 125 | 114 | 86 | 29 | 13 | 0 | 75 | 13 | 8 | 8 | 16 | 11 | 1 | 71 | 0 | 33 |

PITTSBURGH, PA.

[$H$=1,249 ft.; $H_b$=1,273 ft.; $H_t$=39 ft.; $H_r$=38 ft.; $H_a$=54 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.54 | .54 | 5.5 | 6.5 | 12.0 | sw. | 43 | sw. | 2 | 6 | 11 | 14 | 9 | 5 | 18 | 4 | 0 | 6 | 3 | 2 | 1 | 10 | 0 | 0 | 25 | 3 | 1 |
| February | 2.18 | .67 | 9.4 | 7.2 | 12.6 | nw. | 33 | w. | 2 | 2 | 10 | 16 | 17 | 10 | 21 | 12 | 0 | 8 | 4 | 4 | 3 | 15 | 0 | 0 | 25 | 0 | 0 |
| March | 4.31 | 1.48 | 18.3 | 6.8 | 13.5 | w. | 46 | sw. | 7 | 3 | 12 | 16 | 16 | 12 | 16 | 7 | 1 | 8 | 6 | 4 | 1 | 1 | 0 | 0 | 23 | 0 | 1 |
| April | 3.08 | 2.08 | 1.0 | 6.1 | 11.5 | nw. | 34 | nw. | 1 | 8 | 8 | 14 | 9 | 7 | 4 | 1 | 0 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| May | 4.41 | 1.09 | .0 | 7.2 | 9.7 | s. | 29 | sw. | 0 | 2 | 13 | 16 | 17 | 11 | 0 | 0 | 1 | 9 | 6 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 8 |
| June | 3.99 | .93 | .0 | 7.2 | 8.8 | s. | 34 | sw. | 2 | 0 | 15 | 15 | 16 | 12 | 0 | 0 | 0 | 17 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 8 |
| July | 4.15 | 2.08 | .0 | 6.4 | 9.2 | sw. | 30 | n. | 0 | 3 | 14 | 14 | 12 | 9 | 0 | 0 | 0 | 10 | 3 | 3 | 3 | 0 | 4 | 1 | 0 | 0 | 10 |
| August | 2.77 | .65 | .0 | 6.7 | 7.8 | s. | 31 | sw. | 0 | 3 | 12 | 16 | 12 | 11 | 0 | 0 | 0 | 18 | 11 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 8 |
| September | 3.40 | 1.17 | .0 | 5.7 | 9.1 | s. | 28 | nw. | 0 | 6 | 14 | 10 | 13 | 10 | 0 | 0 | 0 | 10 | 5 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| October | 3.91 | 1.49 | T | 6.4 | 9.9 | s. | 31 | nw. | 0 | 7 | 8 | 16 | 11 | 8 | 2 | 1 | 0 | 11 | 8 | 6 | 3 | 0 | 0 | 0 | 3 | 0 | 1 |
| November | 2.55 | .62 | 1.8 | 7.2 | 12.1 | s. | 41 | nw. | 3 | 5 | 8 | 17 | 18 | 11 | 8 | 3 | 0 | 12 | 4 | 5 | 3 | 2 | 0 | 0 | 11 | 0 | 1 |
| December | 5.61 | 2.38 | 11.6 | 8.2 | 12.2 | w. | 38 | w. | 2 | 2 | 4 | 25 | 20 | 15 | 19 | 14 | 0 | 13 | 10 | 9 | 5 | 12 | 0 | 0 | 26 | 1 | 0 |
| Year | 41.90 | 2.38 | 47.6 | 6.8 | 10.7 | s. | 46 | sw. | 19 | 47 | 129 | 189 | 170 | 121 | 88 | 42 | 2 | 130 | 65 | 55 | 31 | 40 | 5 | 1 | 117 | 4 | 42 |

PHOENIX, ARIZ.

Airport [$H$=1,112 ft.; $H_b$=1,112 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=23 ft.] City [$H$=1,107 ft.; $H_b$=1,107 ft.; $H_t$=39 ft.; $H_r$=37 ft.; $H_a$=87 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.35 | 0.34 | 0.0 | 4.9 | 5.0 | e. | 20 | ne. | 0 | 12 | 10 | 9 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| February | .24 | .15 | .0 | 5.2 | 5.2 | e. | 25 | w. | 0 | 11 | 6 | 11 | 2 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| March | .28 | .28 | .0 | 3.2 | 6.2 | e. | 34 | nw. | 1 | 17 | 8 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | .76 | .58 | .0 | 4.2 | 6.6 | e. | 29 | w. | 0 | 15 | 7 | 8 | 5 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 3 |
| May | .00 | .00 | .0 | 1.5 | 6.0 | e. | 20 | sw. | 0 | 24 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | .00 | .00 | .0 | 1.7 | 5.8 | e. | 22 | sw. | 0 | 26 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 28 | 0 | 0 | 0 |
| July | 1.24 | .62 | .0 | 2.8 | 6.2 | e. | 30 | ne. | 0 | 19 | 10 | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 30 | 0 | 0 | 7 |
| August | .68 | .34 | .0 | 3.3 | 5.3 | e. | 27 | se. | 0 | 19 | 6 | 6 | 4 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 31 | 28 | 0 | 0 | 5 |
| September | .21 | .20 | .0 | 1.5 | 5.5 | e. | 23 | e. | 0 | 25 | 5 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 29 | 0 | 0 | 5 |
| October | .43 | .40 | .0 | 2.6 | 4.8 | e. | 23 | e. | 0 | 20 | 9 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 6 | 0 | 0 | 2 |
| November | .01 | .01 | .0 | 2.9 | 4.1 | e. | 22 | w. | 0 | 17 | 11 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | .36 | .35 | .0 | 3.5 | 4.1 | e. | 28 | sw. | 0 | 17 | 7 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 4.56 | .62 | .0 | 3.1 | 5.4 | e. | 34 | nw. | 1 | 222 | 89 | 54 | 28 | 21 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 157 | 129 | 3 | 0 | 22 |

POCATELLO, IDAHO

[$H$=4,461 ft.; $H_b$=4,478 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_a$=31 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.22 | 0.63 | 16.5 | 6.9 | 6.3 | sw. | 32 | sw. | 1 | 6 | 6 | 19 | 15 | 11 | 17 | 12 | 0 | 21 | 11 | 11 | 8 | 22 | 0 | 0 | 31 | 11 | 0 |
| February | 1.03 | .20 | 10.1 | 7.3 | 7.4 | sw. | 32 | sw. | 1 | 5 | 4 | 19 | 12 | 7 | 18 | 11 | 0 | 12 | 4 | 3 | 3 | 18 | 0 | 0 | 27 | 7 | 0 |
| March | .30 | .22 | 1.2 | 6.2 | 8.4 | sw. | 34 | w. | 1 | 7 | 13 | 11 | 4 | 2 | 8 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 |
| April | 1.12 | .41 | 4.8 | 6.8 | 10.9 | sw. | 35 | s. | 4 | 3 | 13 | 14 | 11 | 7 | 8 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| May | 2.29 | .47 | .9 | 7.8 | 10.2 | sw. | 36 | sw. | 3 | 2 | 9 | 20 | 18 | 15 | 6 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 2 |
| June | .58 | .34 | .0 | 4.9 | 10.6 | sw. | 34 | w. | 2 | 11 | 14 | 5 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| July | .13 | .13 | .0 | 2.8 | 9.2 | sw. | 34 | w. | 1 | 19 | 11 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 6 | 0 | 0 | 7 |
| August | .76 | .76 | .0 | 2.8 | 8.9 | w. | 33 | se. | 1 | 20 | 7 | 4 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 17 | 6 | 0 | 0 | 3 |
| September | 1.63 | 1.51 | .0 | 3.5 | 9.7 | sw. | 32 | sw. | 1 | 16 | 11 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 |
| October | .38 | .23 | T | 4.6 | 9.3 | sw. | 30 | sw. | 0 | 14 | 7 | 10 | 7 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 3 |
| November | 2.18 | .65 | 1.3 | 7.5 | 11.6 | sw. | 49 | w. | 6 | 5 | 5 | 20 | 13 | 11 | 14 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 |
| December | 1.09 | .33 | 4.3 | 8.2 | 11.2 | sw. | 33 | w. | 1 | 2 | 8 | 21 | 15 | 9 | 18 | 9 | 0 | 9 | 4 | 4 | 2 | 8 | 0 | 0 | 27 | 0 | 0 |
| Year | 13.71 | 1.51 | 39.1 | 5.8 | 9.5 | sw. | 49 | w. | 22 | 110 | 108 | 147 | 104 | 73 | 91 | 53 | 3 | 49 | 19 | 18 | 13 | 48 | 38 | 12 | 165 | 18 | 20 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

PORT ARTHUR, TEX.
[$\phi$=29°52′ N.; $\lambda$=93°56′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 30.18 | 30.21 | 30.63 | 29.67 | 48.0 | 44.9 | 55.1 | 52.7 | 45.0 | 42.4 | 47.2 | 46.5 | 59.4 | 41.5 | 50.4 | 76 | 24 | 42 | 39 | 38 | 40 | 40 | 79 | 80 | 56 | 64 | 70 |
| February | 30.00 | 30.03 | 30.32 | 29.47 | 51.3 | 49.5 | 55.8 | 54.7 | 48.3 | 47.0 | 49.4 | 49.6 | 60.0 | 46.2 | 53.1 | 77 | 33 | 45 | 44 | 42 | 44 | 44 | 80 | 82 | 64 | 70 | 74 |
| March | 29.92 | 29.96 | 30.33 | 29.56 | 56.7 | 53.8 | 63.3 | 62.1 | 52.8 | 50.5 | 55.0 | 55.5 | 67.0 | 51.6 | 59.3 | 81 | 38 | 49 | 47 | 47 | 49 | 48 | 77 | 79 | 59 | 67 | 70 |
| April | 29.97 | 30.01 | 30.36 | 29.55 | 65.4 | 64.5 | 71.7 | 69.4 | 62.4 | 61.9 | 64.1 | 63.9 | 74.3 | 62.3 | 68.3 | 81 | 45 | 61 | 60 | 59 | 60 | 60 | 85 | 86 | 66 | 74 | 78 |
| May | 29.94 | 29.98 | 30.11 | 29.66 | 72.5 | 71.1 | 79.9 | 77.2 | 69.1 | 67.9 | 70.2 | 69.9 | 82.0 | 68.9 | 75.4 | 89 | 56 | 67 | 66 | 65 | 66 | 66 | 84 | 85 | 62 | 70 | 75 |
| June | 29.86 | 29.89 | 30.08 | 29.54 | 79.0 | 77.8 | 84.2 | 83.7 | 75.2 | 74.7 | 75.5 | 75.8 | 88.0 | 74.5 | 81.2 | 94 | 66 | 74 | 74 | 72 | 73 | 73 | 84 | 87 | 68 | 70 | 77 |
| July | 30.01 | 30.05 | 30.19 | 29.85 | 79.9 | 78.1 | 86.6 | 84.3 | 75.5 | 74.8 | 76.7 | 76.0 | 89.5 | 75.8 | 82.6 | 96 | 70 | 74 | 74 | 73 | 73 | 73 | 82 | 86 | 65 | 69 | 75 |
| August | 29.93 | 29.97 | 30.09 | 29.62 | 80.9 | 79.2 | 86.4 | 84.5 | 76.6 | 75.9 | 76.9 | 76.9 | 90.1 | 77.4 | 83.8 | 95 | 72 | 75 | 75 | 73 | 74 | 74 | 82 | 86 | 66 | 71 | 77 |
| September | 29.96 | 29.99 | 30.25 | 29.69 | 74.7 | 72.1 | 81.1 | 79.2 | 70.5 | 69.1 | 71.3 | 71.4 | 84.4 | 70.0 | 77.2 | 91 | 47 | 68 | 68 | 66 | 67 | 67 | 81 | 86 | 62 | 68 | 74 |
| October | 29.97 | 30.00 | 30.21 | 29.63 | 69.3 | 66.0 | 78.4 | 74.3 | 65.8 | 63.5 | 66.8 | 66.9 | 81.2 | 63.9 | 72.6 | 87 | 54 | 64 | 62 | 60 | 63 | 62 | 83 | 87 | 55 | 69 | 74 |
| November | 30.04 | 30.08 | 30.45 | 29.61 | 62.5 | 60.3 | 70.4 | 66.3 | 59.3 | 57.8 | 61.3 | 61.2 | 73.3 | 56.7 | 65.0 | 81 | 38 | 57 | 56 | 54 | 57 | 56 | 82 | 85 | 59 | 74 | 75 |
| December | 30.05 | 30.08 | 30.42 | 29.59 | 54.3 | 52.5 | 60.6 | 58.2 | 52.2 | 50.7 | 54.5 | 54.7 | 64.7 | 48.4 | 56.6 | 78 | 37 | 50 | 49 | 50 | 52 | 50 | 86 | 88 | 69 | 80 | 81 |
| Year | 29.99 | 30.02 | 30.63 | 29.47 | 66.2 | 64.2 | 72.8 | 70.6 | 62.7 | 61.4 | 64.1 | 64.0 | 76.2 | 61.4 | 68.8 | 96 | 24 | 60 | 60 | 58 | 60 | 59 | 82 | 85 | 63 | 70 | 75 |

PORTLAND, MAINE
Airport [$\phi$=43°39′ N.; $\lambda$=70°18′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.882 | 29.999 | 30.38 | 29.08 | 19.0 | 16.5 | 28.0 | 23.1 | 17.2 | 15.1 | 23.8 | 20.4 | 31.1 | 10.6 | 20.8 | 49 | −16 | 12 | 10 | 13 | 13 | 12 | 75 | 75 | 53 | 62 | 66 |
| February | 29.612 | 29.729 | 30.27 | 29.05 | 19.0 | 15.8 | 28.8 | 24.3 | 17.5 | 14.6 | 24.9 | 21.8 | 31.4 | 12.8 | 22.1 | 41 | −2 | 13 | 10 | 15 | 15 | 14 | 76 | 78 | 56 | 67 | 69 |
| March | 29.722 | 29.837 | 30.31 | 28.87 | 32.4 | 33.3 | 41.1 | 35.3 | 30.5 | 31.0 | 36.0 | 32.8 | 43.4 | 28.6 | 36.0 | 54 | 23 | 27 | 27 | 28 | 29 | 28 | 80 | 77 | 62 | 77 | 74 |
| April | 29.859 | 29.974 | 30.22 | 29.30 | 38.6 | 42.3 | 52.1 | 45.1 | 36.0 | 38.2 | 43.2 | 39.7 | 54.7 | 34.6 | 44.6 | 82 | 26 | 33 | 33 | 33 | 34 | 33 | 80 | 71 | 52 | 70 | 68 |
| May | 29.929 | 30.043 | 30.20 | 29.50 | 49.3 | 53.7 | 61.4 | 54.1 | 47.7 | 50.4 | 54.0 | 50.2 | 64.1 | 45.5 | 54.8 | 85 | 32 | 46 | 47 | 48 | 46 | 47 | 90 | 80 | 65 | 78 | 78 |
| June | 29.825 | 29.938 | 30.20 | 29.52 | 55.8 | 62.4 | 70.2 | 62.0 | 54.6 | 58.3 | 61.8 | 58.2 | 72.7 | 52.2 | 62.4 | 90 | 37 | 54 | 55 | 56 | 56 | 55 | 93 | 79 | 64 | 80 | 79 |
| July | 29.840 | 29.952 | 30.28 | 29.48 | 60.4 | 66.0 | 74.1 | 67.0 | 58.8 | 62.2 | 64.6 | 62.7 | 76.8 | 56.9 | 66.8 | 92 | 45 | 58 | 60 | 59 | 60 | 59 | 91 | 82 | 61 | 79 | 78 |
| August | 29.907 | 30.019 | 30.33 | 29.50 | 59.0 | 64.5 | 74.8 | 65.8 | 57.4 | 60.7 | 64.2 | 61.1 | 77.1 | 55.5 | 66.3 | 91 | 40 | 56 | 58 | 57 | 58 | 57 | 91 | 81 | 56 | 77 | 76 |
| September | 29.934 | 30.047 | 30.41 | 29.53 | 52.6 | 55.9 | 67.0 | 58.3 | 51.4 | 53.5 | 58.6 | 55.4 | 69.4 | 48.4 | 58.9 | 88 | 28 | 50 | 51 | 52 | 53 | 52 | 92 | 85 | 62 | 83 | 80 |
| October | 29.946 | 30.060 | 30.58 | 29.19 | 43.6 | 43.9 | 59.1 | 48.4 | 42.0 | 41.8 | 50.7 | 46.0 | 60.9 | 37.4 | 49.2 | 79 | 25 | 40 | 39 | 42 | 43 | 41 | 89 | 84 | 56 | 84 | 78 |
| November | 29.884 | 30.000 | 30.50 | 29.24 | 33.3 | 32.7 | 43.7 | 36.4 | 31.5 | 31.2 | 38.7 | 34.1 | 46.2 | 26.3 | 36.2 | 63 | 12 | 29 | 29 | 31 | 31 | 30 | 82 | 84 | 64 | 79 | 78 |
| December | 29.842 | 29.959 | 30.82 | 28.28 | 20.8 | 19.5 | 28.9 | 23.6 | 19.1 | 18.2 | 25.0 | 21.4 | 31.8 | 14.2 | 23.0 | 52 | −15 | 14 | 14 | 16 | 15 | 15 | 74 | 78 | 56 | 67 | 69 |
| Year | 29.85 | 29.963 | 30.82 | 28.28 | 40.3 | 42.2 | 52.4 | 45.3 | 38.6 | 39.6 | 45.5 | 42.0 | 55.0 | 35.2 | 45.1 | 92 | −16 | 36 | 36 | 38 | 38 | 37 | 84 | 80 | 59 | 75 | 74 |

PORTLAND, OREG.
Airport [$\phi$=45°36′ N.; $\lambda$=122°36′ W.] City [$\phi$=45°32′ N.; $\lambda$=122°40′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.00 | 30.17 | 30.37 | 29.27 | 34.1 | 33.0 | 35.5 | 36.8 | 32.0 | 31.4 | 32.9 | 34.1 | 40.3 | 32.9 | 36.6 | 56 | 21 | 28 | 28 | 28 | 30 | 29 | 79 | 83 | 76 | 76 | 78 |
| February | 29.88 | 30.05 | 30.29 | 29.37 | 40.9 | 38.4 | 42.2 | 46.5 | 39.5 | 37.6 | 40.2 | 42.7 | 49.4 | 39.0 | 44.2 | 56 | 30 | 38 | 37 | 38 | 38 | 38 | 89 | 93 | 85 | 74 | 85 |
| March | 29.93 | 30.10 | 30.31 | 29.46 | 43.7 | 40.1 | 46.7 | 52.9 | 41.7 | 38.9 | 43.3 | 46.3 | 55.9 | 39.9 | 47.9 | 77 | 33 | 39 | 38 | 39 | 39 | 39 | 86 | 91 | 77 | 62 | 79 |
| April | 29.76 | 29.93 | 30.16 | 29.26 | 49.9 | 45.4 | 53.8 | 59.7 | 47.1 | 43.9 | 48.3 | 51.1 | 62.7 | 45.7 | 54.2 | 79 | 41 | 44 | 42 | 43 | 44 | 43 | 82 | 89 | 67 | 57 | 74 |
| May | 29.85 | 30.02 | 30.16 | 29.46 | 53.1 | 48.9 | 56.7 | 63.1 | 50.5 | 47.7 | 51.7 | 54.6 | 65.4 | 49.3 | 57.4 | 81 | 40 | 48 | 47 | 47 | 48 | 47 | 84 | 92 | 72 | 59 | 77 |
| June | 29.88 | 30.04 | 30.09 | 29.57 | 57.4 | 52.5 | 62.0 | 68.2 | 53.9 | 50.8 | 55.7 | 58.3 | 71.2 | 53.5 | 62.4 | 102 | 48 | 51 | 49 | 51 | 51 | 51 | 80 | 90 | 68 | 58 | 74 |
| July | 29.86 | 30.03 | 30.09 | 29.53 | 65.3 | 59.9 | 69.1 | 79.0 | 61.1 | 57.9 | 61.8 | 66.0 | 80.9 | 61.0 | 71.0 | 107 | 53 | 58 | 56 | 58 | 59 | 58 | 79 | 89 | 67 | 52 | 72 |
| August | 29.82 | 29.98 | 30.09 | 29.58 | 65.5 | 59.2 | 68.3 | 79.4 | 60.5 | 57.0 | 60.6 | 65.5 | 80.6 | 59.7 | 70.2 | 97 | 51 | 58 | 55 | 56 | 58 | 57 | 76 | 88 | 64 | 50 | 69 |
| September | 29.85 | 30.02 | 30.16 | 29.54 | 59.9 | 52.6 | 63.2 | 75.2 | 55.5 | 51.1 | 56.4 | 61.0 | 75.8 | 55.2 | 65.5 | 91 | 49 | 52 | 50 | 51 | 52 | 51 | 76 | 87 | 66 | 46 | 69 |
| October | 29.92 | 30.09 | 30.18 | 29.60 | 51.8 | 48.8 | 55.8 | 63.5 | 50.1 | 48.0 | 52.1 | 55.2 | 65.4 | 49.5 | 57.4 | 80 | 39 | 49 | 47 | 49 | 49 | 49 | 90 | 95 | 80 | 62 | 82 |
| November | 29.81 | 29.98 | 30.35 | 28.87 | 43.3 | 42.3 | 45.9 | 46.3 | 42.0 | 41.4 | 43.7 | 43.9 | 51.1 | 41.6 | 46.4 | 60 | 34 | 41 | 43 | 41 | 41 | 42 | 91 | 93 | 85 | 84 | 88 |
| December | 29.88 | 30.05 | 30.28 | 29.39 | 41.9 | 40.8 | 42.8 | 45.1 | 41.0 | 40.0 | 41.8 | 43.3 | 48.2 | 40.3 | 44.2 | 57 | 33 | 40 | 39 | 40 | 41 | 40 | 93 | 93 | 92 | 86 | 91 |
| Year | 29.87 | 30.04 | 30.37 | 28.87 | 50.6 | 46.8 | 53.5 | 59.6 | 47.9 | 45.5 | 49.0 | 51.8 | 62.2 | 47.3 | 54.8 | 107 | 21 | 46 | 44 | 45 | 46 | 45 | 84 | 90 | 75 | 64 | 78 |

PROVIDENCE, R. I.
Airport [$\phi$=41°44′ N.; $\lambda$=71°25′ W.] City [$\phi$=41°50′ N.; $\lambda$=71°25′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.86 | 30.04 | 30.36 | 29.12 | 25.3 | 22.7 | 32.5 | 28.3 | 23.3 | 21.3 | 28.3 | 25.6 | 37.1 | 20.9 | 29.0 | 57 | 1 | 18 | 17 | 19 | 19 | 18 | 73 | 79 | 57 | 67 | 69 |
| February | 29.60 | 29.79 | 30.25 | 29.07 | 23.7 | 21.8 | 32.7 | 27.8 | 21.5 | 20.0 | 28.4 | 24.7 | 35.9 | 20.3 | 28.1 | 51 | 4 | 15 | 14 | 19 | 17 | 16 | 67 | 71 | 56 | 62 | 64 |
| March | 29.69 | 29.87 | 30.21 | 28.80 | 36.2 | 36.4 | 45.2 | 39.4 | 33.9 | 34.0 | 39.0 | 35.9 | 48.7 | 35.0 | 41.8 | 66 | 31 | 30 | 30 | 30 | 31 | 30 | 78 | 78 | 58 | 72 | 71 |
| April | 29.83 | 30.01 | 30.21 | 29.35 | 42.4 | 45.1 | 56.8 | 47.7 | 39.3 | 40.6 | 46.4 | 42.3 | 59.7 | 41.3 | 50.5 | 88 | 33 | 35 | 35 | 35 | 36 | 35 | 77 | 70 | 46 | 66 | 65 |
| May | 29.89 | 30.06 | 30.15 | 29.62 | 54.0 | 56.8 | 66.5 | 59.2 | 51.9 | 53.4 | 57.9 | 54.2 | 70.7 | 53.2 | 62.0 | 89 | 41 | 50 | 50 | 51 | 50 | 50 | 87 | 81 | 61 | 74 | 76 |
| June | 29.80 | 29.97 | 30.16 | 29.42 | 60.7 | 64.6 | 73.5 | 66.9 | 58.6 | 60.5 | 63.8 | 61.8 | 77.3 | 60.1 | 68.7 | 93 | 50 | 57 | 58 | 58 | 58 | 58 | 88 | 90 | 60 | 75 | 76 |
| July | 29.81 | 29.98 | 30.16 | 29.48 | 65.2 | 67.7 | 77.8 | 71.1 | 63.2 | 64.5 | 67.9 | 66.3 | 81.6 | 64.1 | 72.8 | 95 | 58 | 62 | 62 | 62 | 64 | 63 | 90 | 84 | 62 | 78 | 78 |
| August | 29.88 | 30.05 | 30.26 | 29.54 | 63.6 | 65.8 | 76.8 | 69.4 | 61.1 | 62.3 | 65.7 | 64.0 | 80.3 | 62.7 | 71.5 | 93 | 48 | 59 | 60 | 59 | 61 | 60 | 87 | 83 | 56 | 75 | 75 |
| September | 29.89 | 30.06 | 30.34 | 29.54 | 58.4 | 59.2 | 72.1 | 63.4 | 56.7 | 56.8 | 62.5 | 59.7 | 75.1 | 56.4 | 65.8 | 93 | 36 | 55 | 55 | 56 | 57 | 56 | 90 | 86 | 59 | 81 | 79 |
| October | 29.92 | 30.09 | 30.48 | 29.24 | 49.1 | 48.8 | 62.0 | 53.8 | 47.2 | 46.8 | 53.9 | 50.8 | 64.7 | 46.9 | 55.8 | 83 | 33 | 45 | 45 | 47 | 48 | 46 | 87 | 86 | 59 | 81 | 78 |
| November | 29.86 | 30.04 | 30.44 | 29.13 | 40.5 | 38.6 | 48.7 | 42.7 | 37.9 | 36.5 | 42.7 | 39.2 | 52.0 | 35.4 | 43.7 | 71 | 21 | 34 | 33 | 35 | 34 | 34 | 78 | 81 | 62 | 72 | 73 |
| December | 29.84 | 30.02 | 30.70 | 28.43 | 25.8 | 24.7 | 32.6 | 28.6 | 24.0 | 23.0 | 28.4 | 26.1 | 35.7 | 21.7 | 28.7 | 56 | −10 | 19 | 18 | 19 | 20 | 19 | 74 | 76 | 57 | 70 | 69 |
| Year | 29.82 | 30.00 | 30.70 | 28.43 | 45.4 | 46.0 | 56.4 | 49.9 | 43.2 | 43.3 | 48.7 | 45.9 | 59.9 | 43.2 | 51.5 | 95 | −10 | 40 | 40 | 41 | 41 | 40 | 81 | 80 | 58 | 73 | 73 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Portland, Maine, 103 feet; Portland, Oreg., 154 feet; Providence, R. I., 159 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

PORT ARTHUR, TEX.

[$H$=5 ft.; $H_b$=34 ft.; $H_t$=59 ft.; $H_r$=52 ft.; $H_a$=134 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.58 | 0.67 | 0.0 | 4.7 | 12.9 | n. | 45 | s. | 1 | 14 | 7 | 10 | 8 | 8 | 0 | 0 | 0 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 9 | 0 | 4 |
| February | 3.22 | 1.29 | .0 | 7.3 | 14.5 | n. | 36 | e. | 2 | 3 | 9 | 16 | 11 | 10 | 0 | 0 | 0 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| March | 3.90 | 1.83 | .0 | 6.3 | 15.1 | s. | 40 | nw. | 6 | 8 | 10 | 13 | 11 | 5 | 0 | 0 | 0 | 8 | 8 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 2 |
| April | 10.23 | 3.47 | .0 | 6.2 | 16.5 | se. | 55 | se. | 8 | 6 | 11 | 13 | 7 | 5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| May | 1.26 | 1.23 | .0 | 5.5 | 13.5 | s. | 38 | sw. | 2 | 7 | 15 | 9 | 3 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| June | 15.04 | 3.04 | .0 | 5.7 | 11.6 | s. | 41 | ne. | 5 | 5 | 18 | 7 | 15 | 14 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 14 |
| July | 8.17 | 2.08 | .0 | 6.2 | 9.6 | s. | 42 | ne. | 1 | 6 | 14 | 11 | 16 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 2 | 0 | 0 | 18 |
| August | 10.50 | 4.88 | .0 | 6.4 | 12.2 | s. | 66 | se. | 4 | 2 | 20 | 9 | 14 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 1 | 0 | 0 | 21 |
| September | 6.57 | 2.42 | .0 | 5.8 | 11.3 | s. | 34 | ne. | 1 | 5 | 15 | 10 | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 9 |
| October | 3.18 | 1.92 | .0 | 4.2 | 10.7 | s. | 36 | sw. | 1 | 16 | 8 | 7 | 6 | 5 | 0 | 0 | 0 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | 1.08 | .37 | .0 | 4.3 | 13.0 | s. | 29 | s. | 0 | 13 | 7 | 10 | 5 | 3 | 0 | 0 | 0 | 6 | 6 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 2 |
| December | 6.56 | 3.08 | .0 | 5.1 | 13.7 | n. | 45 | s. | 3 | 10 | 10 | 11 | 10 | 9 | 0 | 0 | 0 | 9 | 6 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 6 |
| Year | 71.29 | 4.88 | .0 | 5.6 | 12.9 | s. | 66 | se. | 34 | 95 | 144 | 126 | 115 | 95 | 0 | 0 | 1 | 40 | 27 | 23 | 15 | 0 | 49 | 3 | 9 | 0 | 94 |

PORTLAND, MAINE

Airport [$H$=63 ft.; $H_b$=63 ft.; $H_t$=5 ft.; $H_r$=24 ft.; $H_a$=43 ft.]

| Month | Total | Maximum in 24 hours | Total snowfall | Cloudiness 0 to 10 | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.20 | 1.28 | 3.6 | 5.1 | 9.4 | sw. | 39 | se. | 2 | 15 | 6 | 10 | 7 | 6 | 9 | 3 | 0 | 4 | 0 | 0 | 0 | 17 | 0 | 0 | 29 | 10 | 1 |
| February | 3.92 | 1.80 | 16.2 | 4.7 | 9.7 | nw. | 34 | ne. | 1 | 13 | 5 | 10 | 11 | 9 | 14 | 10 | 0 | 4 | 2 | 0 | 0 | 15 | 0 | 0 | 27 | 5 | 0 |
| March | 7.55 | 2.24 | 14.3 | 5.5 | 10.1 | w. | 38 | se. | 4 | 9 | 13 | 9 | 13 | 10 | 12 | 8 | 0 | 13 | 6 | 3 | 3 | 0 | 0 | 0 | 26 | 0 | 0 |
| April | 2.17 | .58 | 6.3 | 4.8 | 9.2 | n. | 25 | nw. | 0 | 14 | 7 | 9 | 11 | 10 | 4 | 3 | 0 | 10 | 2 | 2 | 1 | 0 | 0 | 0 | 8 | 0 | 2 |
| May | 1.77 | .49 | .0 | 6.6 | 7.8 | s. | 25 | s. | 0 | 7 | 10 | 14 | 12 | 8 | 0 | 0 | 0 | 21 | 12 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 1 |
| June | 5.94 | 2.17 | .0 | 5.5 | 7.1 | s. | 21 | s. | 0 | 11 | 9 | 10 | 14 | 9 | 0 | 0 | 0 | 23 | 8 | 6 | 11 | 0 | 1 | 0 | 0 | 0 | 5 |
| July | 5.01 | 1.49 | .0 | 5.3 | 6.9 | s. | 29 | w. | 0 | 11 | 10 | 10 | 13 | 11 | 0 | 0 | 0 | 23 | 3 | 3 | 6 | 0 | 1 | 0 | 0 | 0 | 5 |
| August | 1.06 | .57 | .0 | 4.0 | 7.0 | s. | 23 | w. | 0 | 18 | 6 | 7 | 6 | 3 | 0 | 0 | 0 | 18 | 5 | 5 | 4 | 0 | 1 | 0 | 0 | 0 | 1 |
| September | 1.28 | .45 | .0 | 5.1 | 7.5 | s. | 29 | se. | 0 | 13 | 4 | 13 | 10 | 6 | 0 | 0 | 0 | 26 | 9 | 9 | 11 | 0 | 0 | 0 | 2 | 0 | 1 |
| October | 2.55 | .99 | .0 | 4.5 | 8.1 | s. | 24 | s. | 0 | 16 | 7 | 8 | 8 | 7 | 0 | 0 | 0 | 22 | 5 | 2 | 1 | 0 | 0 | 0 | 11 | 0 | 1 |
| November | 4.71 | 1.07 | 1.1 | 5.4 | 8.5 | nw. | 33 | nw. | 2 | 12 | 7 | 11 | 12 | 10 | 6 | 4 | 0 | 23 | 2 | 2 | 2 | 1 | 0 | 0 | 24 | 0 | 0 |
| December | 4.99 | 2.14 | 6.3 | 5.6 | 9.9 | sw. | 47 | se. | 2 | 9 | 10 | 12 | 9 | 8 | 16 | 8 | 0 | 14 | 1 | 2 | 1 | 14 | 0 | 0 | 31 | 6 | 0 |
| Year | 44.15 | 2.24 | 47.8 | 5.2 | 8.4 | nw. | 47 | se. | 11 | 148 | 94 | 123 | 126 | 97 | 61 | 36 | 0 | 201 | 55 | 44 | 50 | 47 | 3 | 0 | 158 | 21 | 17 |

PORTLAND, OREG.

Airport [$H$=20 ft.; $H_b$=39 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_a$=6 ft.] City [$H$=30 ft.; $H_b$=154 ft.; $H_t$=68 ft.; $H_r$=63 ft.; $H_a$=106 ft.]

| Month | Total | Maximum in 24 hours | Total snowfall | Cloudiness 0 to 10 | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.18 | 0.83 | 0.5 | 7.3 | 6.8 | e. | 26 | se. | 0 | 5 | 6 | 20 | 15 | 12 | 3 | 2 | 0 | 3 | 1 | 1 | 0 | 3 | 0 | 0 | 14 | 0 | 1 |
| February | 4.19 | 1.07 | T | 7.9 | 5.3 | se. | 22 | w. | 0 | 4 | 2 | 22 | 18 | 16 | 3 | 0 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| March | 1.81 | .32 | .0 | 7.8 | 5.6 | nw. | 22 | e. | 0 | 1 | 9 | 21 | 17 | 12 | 0 | 0 | 3 | 12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 1.98 | .81 | .0 | 7.5 | 5.6 | nw. | 27 | sw | 0 | 3 | 8 | 19 | 14 | 10 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 2.59 | .61 | .0 | 7.9 | 4.9 | nw. | 15 | sw. | 0 | 2 | 8 | 21 | 18 | 16 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| June | 2.04 | .66 | .0 | 6.5 | 5.6 | nw. | 18 | sw. | 0 | 7 | 6 | 17 | 16 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 |
| July | .96 | .39 | .0 | 5.2 | 5.6 | nw. | 18 | w. | 0 | 12 | 9 | 10 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 0 | 0 | 0 |
| August | .48 | .22 | .0 | 4.0 | 5.4 | nw. | 16 | ne. | 0 | 14 | 10 | 7 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 2 |
| September | .09 | .05 | .0 | 3.7 | 4.9 | nw. | 16 | w. | 0 | 14 | 10 | 6 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| October | 3.75 | 1.96 | .0 | 6.1 | 4.9 | nw. | 19 | se. | 0 | 9 | 8 | 14 | 10 | 9 | 0 | 0 | 0 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 14.40 | 2.74 | .0 | 8.2 | 6.2 | se. | 23 | s. | 0 | 3 | 5 | 22 | 24 | 23 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 11.07 | 2.78 | 3.2 | 9.5 | 5.9 | se. | 23 | s. | 0 | 0 | 3 | 28 | 21 | 19 | 3 | 3 | 0 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 47.54 | 2.78 | 3.7 | 6.8 | 5.6 | nw. | 27 | sw. | 0 | 74 | 84 | 207 | 164 | 134 | 9 | 5 | 7 | 63 | 4 | 2 | 3 | 3 | 14 | 7 | 15 | 0 | 9 |

PROVIDENCE, R. I.

Airport [$H$=55 ft.; $H_b$=62 ft.; $H_t$=46 ft.; $H_r$=44 ft.; $H_a$=60 ft.] City [$H$=12 ft.; $H_b$=159 ft.; $H_t$=65 ft.; $H_r$=58 ft.; $H_a$=— ft.]

| Month | Total | Maximum in 24 hours | Total snowfall | Cloudiness 0 to 10 | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (1) | (1) | (1) | (1) | (1) | | | | | | | | | | | | | | | | | | |
| January | 3.98 | 1.14 | 13.6 | 5.9 | 9.6 | w. | 34 | sw. | 2 | 9 | 8 | 14 | 10 | 8 | 8 | 5 | 0 | 8 | 2 | 2 | 2 | 8 | 0 | 0 | 26 | 0 | 0 |
| February | 3.84 | 1.64 | 8.1 | 5.8 | 11.0 | nw. | 29 | nw. | 0 | 8 | 10 | 10 | 7 | 6 | 9 | 2 | 0 | 8 | 5 | 3 | 1 | 8 | 0 | 0 | 25 | 0 | 0 |
| March | 7.98 | 1.95 | 1.6 | 6.8 | 10.3 | nw. | 38 | sw. | 3 | 5 | 11 | 15 | 13 | 12 | 4 | 3 | 0 | 14 | 4 | 3 | 3 | 0 | 0 | 0 | 7 | 0 | 0 |
| April | .72 | .31 | 1.0 | 5.8 | 9.6 | sw. | 27 | sw. | 0 | 8 | 13 | 9 | 7 | 5 | 2 | 1 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 1.77 | .93 | .0 | 6.8 | 8.0 | se. | 23 | sw. | 0 | 4 | 13 | 14 | 10 | 7 | 0 | 0 | 1 | 20 | 7 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 2 |
| June | 3.44 | .95 | .0 | 6.6 | 7.8 | sw. | 31 | sw. | 0 | 4 | 13 | 13 | 14 | 11 | 0 | 0 | 0 | 16 | 2 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| July | 4.56 | 2.35 | .0 | 6.2 | 7.4 | sw. | 26 | sw. | 0 | 5 | 15 | 11 | 9 | 7 | 0 | 0 | 0 | 19 | 7 | 3 | 10 | 0 | 5 | 1 | 0 | 0 | 4 |
| August | 4.54 | 1.75 | .0 | 5.7 | 7.1 | sw. | 24 | sw. | 0 | 9 | 12 | 10 | 8 | 5 | 0 | 0 | 0 | 12 | 5 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 1 |
| September | 1.68 | .80 | .0 | 5.6 | 7.3 | sw. | 31 | sw. | 0 | 12 | 7 | 11 | 6 | 4 | 0 | 0 | 0 | 16 | 4 | 4 | 4 | 0 | 2 | 0 | 0 | 0 | 0 |
| October | 3.09 | 1.30 | .0 | 5.8 | 7.6 | n. | 23 | ne. | 0 | 9 | 10 | 12 | 8 | 8 | 0 | 0 | 0 | 14 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | 5.03 | 1.29 | T | 6.2 | 9.5 | n. | 34 | sw. | 1 | 9 | 7 | 14 | 13 | 11 | 2 | 0 | 0 | 10 | 1 | 1 | 0 | 0 | 0 | 0 | 9 | 0 | 1 |
| December | 6.39 | 2.06 | 9.1 | 6.3 | 10.3 | sw. | 49 | se. | 2 | 11 | 3 | 17 | 11 | 10 | 7 | 4 | 0 | 9 | 2 | 0 | 1 | 9 | 0 | 0 | 25 | 4 | 1 |
| Year | 47.02 | 2.35 | 33.4 | 6.1 | 8.8 | sw. | 49 | se. | 8 | 93 | 122 | 150 | 116 | 94 | 32 | 15 | 1 | 158 | 41 | 23 | 32 | 25 | 11 | 1 | 92 | 4 | 13 |

[1] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

PUEBLO, COLO.

Airport [$\phi$=38°14′ N.; $\lambda$=104°38′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 25.37 | 30.24 | 25.81 | 24.94 | 20.8 | 15.5 | 38.8 | 33.9 | 18.2 | 13.7 | 29.9 | 27.2 | 45.4 | 11.5 | 28.4 | 65 | −21 | 13 | 10 | 17 | 18 | 14 | 73 | 76 | 43 | 53 | 61 |
| February | 25.17 | 29.98 | 25.46 | 24.77 | 23.3 | 18.0 | 34.7 | 35.2 | 21.2 | 16.7 | 28.3 | 28.4 | 41.6 | 14.8 | 28.2 | 63 | −12 | 17 | 14 | 18 | 18 | 17 | 76 | 83 | 52 | 49 | 65 |
| March | 25.17 | 29.91 | 25.57 | 24.66 | 32.5 | 26.4 | 48.8 | 48.8 | 28.2 | 23.8 | 36.9 | 36.6 | 55.2 | 23.5 | 39.4 | 71 | 13 | 22 | 20 | 21 | 20 | 21 | 64 | 75 | 36 | 34 | 52 |
| April | 25.15 | 29.80 | 25.61 | 24.58 | 46.8 | 40.1 | 59.4 | 61.4 | 41.1 | 37.0 | 46.2 | 47.2 | 65.9 | 37.8 | 51.8 | 83 | 20 | 35 | 33 | 33 | 33 | 34 | 67 | 79 | 45 | 41 | 58 |
| May | 25.18 | 29.79 | 25.64 | 24.75 | 53.9 | 46.9 | 68.7 | 71.2 | 44.8 | 41.5 | 50.6 | 51.1 | 76.1 | 43.7 | 59.9 | 96 | 31 | 36 | 36 | 34 | 33 | 35 | 54 | 70 | 32 | 27 | 46 |
| June | 25.24 | 29.81 | 25.70 | 24.96 | 62.0 | 57.1 | 75.7 | 77.2 | 55.1 | 52.3 | 58.7 | 58.2 | 82.4 | 54.3 | 68.4 | 95 | 46 | 50 | 49 | 47 | 45 | 48 | 69 | 76 | 42 | 38 | 56 |
| July | 25.38 | 29.96 | 25.64 | 25.15 | 67.1 | 60.7 | 85.5 | 82.2 | 58.3 | 54.7 | 62.5 | 62.1 | 90.2 | 58.6 | 74.4 | 99 | 50 | 53 | 51 | 48 | 50 | 51 | 63 | 71 | 31 | 37 | 50 |
| August | 25.32 | 29.89 | 25.58 | 25.05 | 65.8 | 58.4 | 81.8 | 80.3 | 58.5 | 54.7 | 63.0 | 62.4 | 87.3 | 56.7 | 72.0 | 96 | 50 | 54 | 52 | 52 | 52 | 53 | 68 | 82 | 39 | 42 | 57 |
| September | 25.33 | 29.95 | 25.65 | 24.94 | 55.5 | 49.3 | 72.6 | 72.0 | 50.0 | 46.2 | 55.7 | 56.0 | 77.8 | 46.8 | 62.3 | 92 | 33 | 46 | 44 | 43 | 44 | 44 | 71 | 81 | 40 | 41 | 58 |
| October | 25.30 | 29.98 | 25.64 | 24.82 | 45.8 | 41.4 | 61.3 | 59.6 | 40.6 | 37.5 | 47.4 | 46.6 | 66.6 | 38.2 | 52.4 | 84 | 25 | 35 | 33 | 35 | 34 | 34 | 70 | 75 | 43 | 43 | 58 |
| November | 25.24 | 29.97 | 25.74 | 24.63 | 35.6 | 30.4 | 54.3 | 49.8 | 30.0 | 26.5 | 40.6 | 38.2 | 61.4 | 24.3 | 42.8 | 76 | 13 | 22 | 21 | 24 | 24 | 23 | 61 | 69 | 34 | 37 | 50 |
| December | 25.26 | 30.05 | 25.67 | 24.88 | 29.7 | 24.7 | 44.9 | 41.2 | 25.6 | 21.9 | 34.9 | 33.0 | 51.8 | 19.6 | 35.7 | 74 | 7 | 19 | 17 | 22 | 21 | 20 | 65 | 72 | 42 | 46 | 56 |
| Year | 25.26 | 29.94 | 25.81 | 24.58 | 44.9 | 39.1 | 60.5 | 59.4 | 39.3 | 35.5 | 46.2 | 45.6 | 66.8 | 35.8 | 51.3 | 99 | −21 | 34 | 32 | 33 | 33 | 33 | 67 | 76 | 40 | 41 | 56 |

RALEIGH, N. C.

Airport [$\phi$=35°45′ N.; $\lambda$=78°37′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.70 | 30.11 | 30.20 | 29.07 | 37.2 | 33.4 | 47.8 | 43.3 | 33.6 | 31.0 | 39.5 | 37.2 | 51.3 | 30.0 | 40.6 | 71 | 6 | 28 | 27 | 27 | 28 | 27 | 68 | 76 | 46 | 55 | 61 |
| February | 29.57 | 29.98 | 30.05 | 28.92 | 35.6 | 31.8 | 44.9 | 41.9 | 31.7 | 29.0 | 37.1 | 35.9 | 48.9 | 29.4 | 39.2 | 66 | 17 | 24 | 23 | 24 | 25 | 24 | 62 | 68 | 44 | 52 | 56 |
| March | 29.52 | 29.92 | 29.85 | 29.58 | 48.2 | 44.5 | 60.0 | 57.1 | 43.3 | 41.4 | 48.9 | 48.3 | 64.2 | 41.4 | 52.8 | 80 | 31 | 37 | 37 | 37 | 38 | 37 | 68 | 77 | 46 | 53 | 61 |
| April | 29.68 | 30.08 | 30.00 | 29.23 | 55.4 | 53.1 | 73.0 | 66.9 | 48.9 | 48.4 | 56.4 | 54.5 | 76.1 | 48.4 | 62.2 | 90 | 35 | 42 | 43 | 42 | 43 | 43 | 62 | 70 | 35 | 45 | 53 |
| May | 29.65 | 30.05 | 29.87 | 29.34 | 63.9 | 63.6 | 78.3 | 72.6 | 60.3 | 60.4 | 65.4 | 64.3 | 81.4 | 59.1 | 70.2 | 92 | 46 | 58 | 58 | 57 | 59 | 58 | 81 | 83 | 50 | 65 | 70 |
| June | 29.58 | 29.97 | 29.87 | 29.30 | 70.7 | 72.3 | 86.7 | 79.7 | 67.7 | 68.5 | 72.3 | 70.7 | 88.6 | 66.9 | 77.8 | 98 | 61 | 66 | 67 | 65 | 66 | 66 | 85 | 83 | 50 | 66 | 71 |
| July | 29.63 | 30.02 | 29.83 | 29.43 | 74.1 | 75.3 | 89.4 | 82.3 | 71.3 | 71.9 | 75.2 | 74.3 | 91.7 | 70.9 | 81.3 | 102 | 66 | 70 | 70 | 69 | 71 | 70 | 88 | 86 | 53 | 70 | 74 |
| August | 29.66 | 30.06 | 29.95 | 29.46 | 70.9 | 70.9 | 84.2 | 77.0 | 69.0 | 68.8 | 72.8 | 71.6 | 87.1 | 68.0 | 77.6 | 101 | 54 | 68 | 68 | 68 | 69 | 68 | 90 | 90 | 59 | 78 | 80 |
| September | 29.66 | 30.05 | 30.09 | 29.31 | 67.4 | 66.2 | 81.9 | 74.0 | 65.0 | 64.2 | 70.1 | 68.3 | 84.4 | 62.9 | 73.6 | 96 | 39 | 64 | 63 | 64 | 65 | 64 | 88 | 89 | 57 | 75 | 77 |
| October | 29.64 | 30.04 | 30.06 | 29.27 | 57.1 | 54.8 | 69.7 | 63.1 | 55.2 | 53.4 | 60.4 | 58.8 | 72.9 | 52.1 | 62.5 | 82 | 34 | 54 | 52 | 54 | 56 | 54 | 89 | 91 | 62 | 78 | 80 |
| November | 29.73 | 30.13 | 30.10 | 29.23 | 48.0 | 44.7 | 61.2 | 53.8 | 44.6 | 42.4 | 51.2 | 48.5 | 64.5 | 41.5 | 53.0 | 80 | 24 | 40 | 39 | 41 | 43 | 41 | 76 | 81 | 50 | 66 | 68 |
| December | 29.71 | 30.12 | 30.26 | 28.77 | 38.0 | 35.4 | 46.5 | 42.0 | 35.9 | 33.5 | 41.1 | 39.0 | 50.4 | 31.5 | 41.0 | 76 | 10 | 32 | 30 | 34 | 34 | 32 | 80 | 82 | 63 | 74 | 75 |
| Year | 29.64 | 30.05 | 30.26 | 28.77 | 55.5 | 53.8 | 68.6 | 62.8 | 52.2 | 51.1 | 57.5 | 56.0 | 71.8 | 50.2 | 61.0 | 102 | 6 | 49 | 48 | 48 | 50 | 49 | 78 | 81 | 51 | 65 | 69 |

RAPID CITY, S. DAK.

Airport [$\phi$=44°09′ N.; $\lambda$=103°06′ W.] City [$\phi$=44°04′ N.; $\lambda$=103°12′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 26.69 | 30.19 | 27.08 | 26.20 | 20.5 | 21.8 | 35.4 | 28.1 | 17.5 | 18.7 | 27.6 | 23.3 | 40.2 | 16.2 | 28.2 | 68 | −18 | 12 | 12 | 15 | 15 | 14 | 69 | 68 | 47 | 59 | 61 |
| February | 26.58 | 30.08 | 26.88 | 26.23 | 19.5 | 17.0 | 28.0 | 26.0 | 18.4 | 15.9 | 24.3 | 23.1 | 32.4 | 13.6 | 23.0 | 56 | −7 | 16 | 14 | 18 | 18 | 16 | 86 | 86 | 67 | 72 | 78 |
| March | 26.51 | 29.94 | 26.95 | 26.13 | 30.2 | 27.7 | 39.6 | 40.0 | 27.3 | 25.5 | 32.9 | 32.9 | 45.1 | 26.5 | 35.8 | 64 | 18 | 22 | 22 | 23 | 22 | 22 | 73 | 77 | 54 | 51 | 64 |
| April | 26.51 | 29.87 | 26.95 | 26.07 | 45.0 | 41.1 | 54.8 | 56.5 | 40.4 | 38.0 | 45.6 | 45.7 | 61.6 | 38.6 | 50.1 | 85 | 24 | 35 | 34 | 36 | 34 | 35 | 69 | 77 | 57 | 50 | 63 |
| May | 26.57 | 29.93 | 26.93 | 26.09 | 45.7 | 43.1 | 55.1 | 56.6 | 43.6 | 41.3 | 47.6 | 48.9 | 60.5 | 41.5 | 51.0 | 85 | 30 | 42 | 40 | 41 | 42 | 41 | 86 | 88 | 64 | 62 | 76 |
| June | 26.58 | 29.90 | 27.04 | 26.18 | 57.1 | 53.4 | 66.8 | 69.0 | 53.8 | 50.5 | 56.9 | 58.8 | 71.1 | 52.5 | 61.8 | 85 | 36 | 51 | 48 | 50 | 52 | 50 | 82 | 83 | 56 | 56 | 69 |
| July [3] | 26.67 | 29.96 | 27.00 | 26.36 | 65.1 | 60.6 | 78.6 | 80.3 | 59.4 | 56.1 | 64.4 | 64.6 | 84.2 | 59.7 | 72.0 | 94 | 50 | 56 | 53 | 56 | 56 | 55 | 73 | 78 | 48 | 45 | 61 |
| August | 26.63 | 29.91 | 26.96 | 26.33 | 64.5 | 59.4 | 78.0 | 81.0 | 56.7 | 54.4 | 61.0 | 61.9 | 84.1 | 56.7 | 70.4 | 100 | 46 | 51 | 51 | 51 | 50 | 51 | 64 | 74 | 40 | 36 | 54 |
| September | 26.66 | 30.00 | 26.95 | 26.34 | 52.3 | 47.8 | 64.5 | 65.4 | 46.5 | 44.2 | 51.5 | 51.4 | 70.9 | 43.8 | 57.4 | 97 | 18 | 42 | 41 | 41 | 40 | 41 | 68 | 78 | 48 | 44 | 60 |
| October | 26.64 | 30.03 | 27.08 | 26.21 | 43.0 | 41.8 | 57.6 | 52.7 | 39.0 | 37.5 | 45.8 | 43.4 | 61.7 | 37.7 | 49.7 | 84 | 15 | 35 | 32 | 34 | 34 | 34 | 74 | 71 | 46 | 54 | 61 |
| November | 26.55 | 29.99 | 27.14 | 25.79 | 31.1 | 30.5 | 43.5 | 35.7 | 27.6 | 27.1 | 34.8 | 30.4 | 48.9 | 23.3 | 36.1 | 78 | 8 | 22 | 22 | 24 | 23 | 23 | 71 | 71 | 51 | 62 | 64 |
| December | 26.57 | 30.05 | 27.13 | 26.16 | 25.5 | 23.1 | 32.3 | 28.9 | 23.6 | 21.8 | 28.5 | 26.3 | 38.1 | 17.7 | 27.9 | 59 | 1 | 20 | 19 | 22 | 22 | 21 | 81 | 84 | 68 | 77 | 77 |
| Year | 26.60 | 29.99 | 27.14 | 25.79 | 41.6 | 38.9 | 52.8 | 51.7 | 37.8 | 35.9 | 43.4 | 42.6 | 58.2 | 35.6 | 47.0 | 100 | −18 | 34 | 32 | 34 | 34 | 34 | 75 | 78 | 54 | 56 | 66 |

READING, PA.

[$\phi$=40°20′ N.; $\lambda$=75°58′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.72 | 30.09 | 30.21 | 28.98 | ---- | 26.5 | 34.4 | ---- | ---- | 23.8 | 29.4 | ---- | 37.9 | 22.4 | 30.2 | 57 | 2 | ---- | 17 | 18 | ---- | 18 | ---- | 66 | 51 | ---- | 57 |
| February | 29.55 | 29.91 | 30.08 | 28.88 | ---- | 26.2 | 34.3 | ---- | ---- | 23.2 | 28.5 | ---- | 36.8 | 23.1 | 30.0 | 49 | 8 | ---- | 15 | 15 | ---- | 15 | ---- | 61 | 45 | ---- | 53 |
| March | 29.53 | 29.88 | 29.96 | 28.46 | ---- | 38.8 | 47.8 | ---- | ---- | 35.3 | 40.0 | ---- | 51.4 | 35.5 | 43.4 | 68 | 30 | ---- | 30 | 29 | ---- | 30 | ---- | 69 | 51 | ---- | 60 |
| April | 29.71 | 30.07 | 29.99 | 29.29 | ---- | 48.5 | 64.4 | ---- | ---- | 42.9 | 50.3 | ---- | 67.5 | 44.1 | 55.8 | 90 | 32 | ---- | 36 | 36 | ---- | 36 | ---- | 64 | 39 | ---- | 52 |
| May | 29.69 | 30.04 | 30.01 | 29.40 | ---- | 60.9 | 73.5 | ---- | ---- | 55.7 | 60.6 | ---- | 76.2 | 55.7 | 66.0 | 93 | 41 | ---- | 52 | 51 | ---- | 52 | ---- | 72 | 48 | ---- | 60 |
| June | 29.63 | 29.97 | 29.98 | 29.26 | ---- | 67.6 | 78.5 | ---- | ---- | 63.0 | 66.0 | ---- | 80.8 | 62.8 | 71.8 | 91 | 55 | ---- | 60 | 58 | ---- | 59 | ---- | 78 | 52 | ---- | 65 |
| July | 29.65 | 29.99 | 29.93 | 29.30 | ---- | 71.1 | 83.5 | ---- | ---- | 65.8 | 69.6 | ---- | 85.8 | 67.1 | 76.4 | 96 | 57 | ---- | 63 | 62 | ---- | 62 | ---- | 76 | 50 | ---- | 63 |
| August | 29.71 | 30.05 | 30.08 | 29.44 | ---- | 67.5 | 79.7 | ---- | ---- | 63.9 | 67.6 | ---- | 81.5 | 63.2 | 72.4 | 92 | 49 | ---- | 62 | 61 | ---- | 62 | ---- | 83 | 54 | ---- | 68 |
| September | 29.71 | 30.06 | 30.23 | 29.26 | ---- | 61.2 | 75.0 | ---- | ---- | 58.3 | 63.1 | ---- | 77.1 | 56.7 | 66.9 | 93 | 35 | ---- | 56 | 55 | ---- | 56 | ---- | 84 | 52 | ---- | 68 |
| October | 29.72 | 30.08 | 30.20 | 29.22 | ---- | 50.7 | 64.7 | ---- | ---- | 47.8 | 54.5 | ---- | 66.4 | 48.1 | 57.2 | 82 | 32 | ---- | 45 | 46 | ---- | 46 | ---- | 80 | 53 | ---- | 66 |
| November | 29.72 | 30.08 | 30.22 | 29.05 | ---- | 41.1 | 51.6 | ---- | ---- | 37.7 | 42.9 | ---- | 54.1 | 36.1 | 45.1 | 75 | 23 | ---- | 33 | 32 | ---- | 32 | ---- | 73 | 48 | ---- | 60 |
| December | 29.71 | 30.08 | 30.40 | 28.47 | ---- | 27.4 | 34.3 | ---- | ---- | 26.1 | 30.1 | ---- | 37.0 | 24.1 | 30.6 | 53 | 0 | ---- | 21 | 22 | ---- | 22 | ---- | 73 | 59 | ---- | 66 |
| Year | 29.67 | 30.03 | 30.40 | 28.46 | ---- | 49.0 | 60.1 | ---- | ---- | 45.3 | 50.2 | ---- | 62.7 | 44.9 | 53.8 | 96 | 0 | ---- | 41 | 40 | ---- | 41 | ---- | 73 | 50 | ---- | 62 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Raleigh, N. C., 376 feet; Rapid City, S. Dak., 3,259 feet; Pueblo, Colo., 4,690 feet.
[2] Airport data.
[3] All airport data beginning with July 29.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

PUEBLO, COLO.

Airport [$H$=4,799 ft.; $H_b$=4,806 ft.; $H_t$=5 ft.; $H_r$=5 ft.; $H_a$=36 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 0.11 | 0.09 | 3.5 | 3.6 | 7.0 | w. | 38 | w. | 2 | 15 | 12 | 4 | 3 | 1 | 8 | 3 | 0 | 4 | 1 | 0 | 0 | 7 | 0 | 0 | 30 | 7 | 1 |
| February | .45 | .15 | 9.0 | 5.9 | 7.2 | w. | 41 | nw. | 1 | 9 | 7 | 12 | 8 | 5 | 14 | 8 | 0 | 4 | 2 | 2 | 1 | 6 | 0 | 0 | 28 | 4 | 0 |
| March | .89 | .38 | 5.8 | 4.5 | 9.5 | w. | 42 | n. | 3 | 14 | 7 | 10 | 5 | 4 | 11 | 4 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 28 | 0 | 0 |
| April | 6.17 | 2.26 | 4.7 | 6.8 | 9.9 | w. | 50 | n. | 6 | 5 | 9 | 16 | 12 | 11 | 4 | 2 | 1 | 7 | 2 | 2 | 2 | 0 | 0 | 0 | 6 | 0 | 5 |
| May | .92 | .40 | T | 4.3 | 10.6 | e. | 46 | w. | 6 | 13 | 15 | 3 | 8 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 3 |
| June | 2.88 | .90 | .0 | 5.6 | 8.4 | e. | 40 | nw. | 1 | 9 | 12 | 9 | 10 | 9 | 0 | 0 | 2 | 5 | 2 | 1 | 1 | 0 | 9 | 1 | 0 | 0 | 11 |
| July | 1.10 | .58 | .0 | 3.8 | 8.2 | w. | 41 | w. | 4 | 13 | 17 | 1 | 7 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 19 | 11 | 0 | 0 | 13 |
| August | 1.58 | .83 | .0 | 4.6 | 7.5 | nw. | 40 | sw. | 3 | 12 | 14 | 5 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 1 | 0 | 0 | 12 |
| September | 1.76 | 1.44 | .0 | 4.0 | 7.1 | se. | 33 | ne. | 1 | 15 | 8 | 7 | 5 | 4 | 0 | 0 | 0 | 7 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 3 |
| October | 1.94 | 1.02 | .5 | 5.3 | 7.7 | nw. | 49 | w. | 4 | 10 | 9 | 12 | 6 | 4 | 4 | 2 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 1 |
| November | .07 | .07 | 1.2 | 4.9 | 7.9 | w. | 52 | sw. | 5 | 11 | 12 | 7 | 1 | 1 | 3 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 |
| December | .49 | .49 | 4.6 | 4.9 | 8.5 | w. | 43 | w. | 4 | 11 | 14 | 6 | 2 | 2 | 6 | 2 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 31 | 0 | 0 |
| Year | 18.36 | 2.26 | 29.3 | 4.8 | 8.3 | w. | 52 | sw. | 40 | 137 | 136 | 92 | 76 | 54 | 52 | 22 | 4 | 41 | 11 | 5 | 6 | 14 | 47 | 14 | 157 | 11 | 49 |

RALEIGH, N. C.

Airport [$H$=363 ft.; $H_b$=358 ft.; $H_t$=28 ft.; $H_r$=5 ft.; $H_a$=69 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.29 | 0.34 | 0.5 | 5.0 | 9.0 | sw. | 34 | w. | 3 | 11 | 12 | 8 | 8 | 7 | 3 | 1 | 0 | 11 | 2 | 2 | 2 | 3 | 0 | 0 | 16 | 0 | 1 |
| February | 2.51 | 1.55 | T | 5.6 | 10.6 | nw. | 39 | s. | 2 | 10 | 7 | 11 | 7 | 5 | 4 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 1 |
| March | 5.04 | 1.71 | .6 | 5.6 | 11.8 | sw. | 38 | w. | 4 | 9 | 9 | 13 | 11 | 10 | 2 | 1 | 0 | 12 | 2 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | 1 |
| April | 1.68 | 1.65 | .0 | 3.4 | 9.0 | sw. | 32 | nw. | 1 | 20 | 3 | 7 | 3 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 1 |
| May | 3.36 | 1.38 | .0 | 5.8 | 8.3 | s. | 24 | sw. | 0 | 9 | 9 | 13 | 11 | 10 | 0 | 0 | 0 | 13 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 7 |
| June | 4.34 | 2.66 | .0 | 6.0 | 7.2 | sw. | 32 | w. | 1 | 6 | 12 | 12 | 11 | 7 | 0 | 0 | 0 | 10 | 3 | 2 | 2 | 0 | 12 | 2 | 0 | 0 | 8 |
| July | 3.15 | .87 | .0 | 6.4 | 7.0 | sw. | 30 | nw. | 0 | 7 | 7 | 17 | 11 | 9 | 0 | 0 | 0 | 14 | 3 | 3 | 3 | 0 | 19 | 8 | 0 | 0 | 10 |
| August | 7.03 | 1.26 | .0 | 6.7 | 7.3 | sw. | 42 | nw. | 1 | 6 | 9 | 16 | 15 | 14 | 0 | 0 | 0 | 16 | 5 | 3 | 1 | 0 | 9 | 3 | 0 | 0 | 15 |
| September | 5.30 | 3.20 | .0 | 4.7 | 7.2 | sw. | 25 | sw. | 0 | 11 | 12 | 7 | 7 | 6 | 0 | 0 | 0 | 16 | 3 | 2 | 1 | 0 | 10 | 1 | 0 | 0 | 4 |
| October | 6.26 | 1.71 | .0 | 5.1 | 7.4 | ne. | 31 | ne. | 0 | 12 | 7 | 12 | 9 | 9 | 0 | 0 | 0 | 20 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | 1.56 | .75 | .0 | 4.0 | 8.5 | ne. | 32 | nw. | 1 | 15 | 7 | 8 | 9 | 8 | 0 | 0 | 0 | 12 | 7 | 4 | 5 | 0 | 0 | 0 | 4 | 0 | 1 |
| December | 3.81 | 1.06 | 5.6 | 6.2 | 9.3 | ne. | 38 | w. | 2 | 9 | 4 | 18 | 15 | 12 | 2 | 2 | 0 | 18 | 6 | 5 | 7 | 1 | 0 | 0 | 16 | 0 | 1 |
| Year | 45.33 | 3.20 | 6.7 | 5.4 | 8.5 | sw. | 42 | nw. | 15 | 125 | 98 | 142 | 117 | 99 | 11 | 4 | 0 | 152 | 38 | 29 | 26 | 4 | 54 | 14 | 59 | 0 | 52 |

RAPID CITY, S. DAK.

Airport [$H$=3,215 ft.; $H_b$=3,218 ft.; $H_t$=5 ft.; $H_r$=5 ft.; $H_a$=63 ft.] City [$H$=3,242 ft.; $H_b$=3,259 ft.; $H_t$=50 ft.; $H_r$=43 ft.; $H_a$=58 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.04 | 0.02 | 0.5 | 4.1 | 7.8 | w. | 37 | nw. | 2 | 18 | 6 | 7 | 3 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 27 | 8 | 0 |
| February | .44 | .16 | 5.2 | 6.4 | 6.2 | n. | 25 | n. | 0 | 6 | 9 | 13 | 9 | 3 | 15 | 8 | 0 | 1 | 0 | 2 | 0 | 15 | 0 | 0 | 28 | 4 | 0 |
| March | .55 | .30 | 4.2 | 5.6 | 10.7 | nw. | 35 | nw. | 2 | 7 | 13 | 11 | 5 | 3 | 9 | 4 | 0 | 3 | 1 | 1 | 0 | 3 | 0 | 0 | 29 | 0 | 0 |
| April | 4.21 | 1.00 | T | 6.3 | 9.4 | n. | 30 | n. | 0 | 6 | 11 | 13 | 12 | 9 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 3 |
| May | 4.78 | 1.19 | 8.0 | 6.6 | 8.4 | n. | 25 | nw. | 0 | 6 | 10 | 15 | 16 | 15 | 5 | 4 | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 5 | 0 | 5 |
| June | 3.23 | 1.23 | .0 | 6.3 | 7.5 | n. | 30 | nw. | 0 | 3 | 19 | 8 | 12 | 10 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 12 |
| July | 1.69 | .71 | .0 | 4.2 | 7.4 | n. | 28 | nw. | 2 | 11 | 18 | 2 | 13 | 7 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 14 |
| August | .24 | .18 | .0 | 4.0 | 12.7 | s. | 45 | nw. | 8 | 13 | 14 | 4 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 13 |
| September | 1.74 | .78 | .5 | 5.1 | 13.4 | nw. | 66 | nw. | 9 | 9 | 10 | 11 | 11 | 8 | 3 | 1 | 0 | 3 | 2 | 2 | 0 | 0 | 4 | 2 | 6 | 0 | 2 |
| October | 1.68 | .74 | 1.0 | 4.9 | 13.6 | nw. | 56 | nw. | 9 | 11 | 10 | 10 | 9 | 7 | 6 | 2 | 0 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 0 |
| November | .38 | .22 | 1.8 | 6.1 | 13.0 | nw. | 46 | nw. | 11 | 7 | 9 | 14 | 5 | 3 | 13 | 4 | 0 | 3 | 0 | 1 | 0 | 5 | 0 | 0 | 26 | 0 | 1 |
| December | .36 | .21 | 3.0 | 6.1 | 12.0 | nw. | 56 | nw. | 9 | 8 | 12 | 11 | 6 | 4 | 8 | 4 | 0 | 5 | 4 | 2 | 0 | 8 | 0 | 0 | 31 | 0 | 0 |
| Year | 19.34 | 1.23 | 24.2 | 5.5 | 10.2 | nw. | 66 | nw. | 52 | 105 | 141 | 119 | 104 | 71 | 67 | 29 | 2 | 28 | 12 | 9 | 3 | 40 | 18 | 3 | 167 | 12 | 50 |

READING, PA.

[$H$=266 ft.; $H_b$=323 ft.; $H_t$=47 ft.; $H_r$=40 ft.; $H_a$=306 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.49 | 0.83 | 7.3 | 5.5 | 11.7 | nw. | 44 | w. | 5 | 10 | 8 | 13 | 11 | 8 | 7 | 7 | 0 | 4 | 1 | 0 | 0 | 7 | 0 | 0 | 24 | 0 | 0 |
| February | 2.40 | 1.03 | 2.7 | 5.8 | 17.5 | nw. | 46 | e. | 14 | 10 | 6 | 12 | 5 | 4 | 6 | 1 | 0 | 5 | 1 | 0 | 0 | 6 | 0 | 0 | 23 | 0 | 0 |
| March | 4.85 | 1.21 | 1.3 | 6.4 | 14.2 | nw. | 51 | s. | 12 | 8 | 7 | 16 | 13 | 11 | 8 | 3 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| April | 1.47 | 1.05 | T | 5.1 | 12.0 | nw. | 41 | e. | 7 | 13 | 5 | 12 | 6 | 4 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| May | 9.20 | 4.32 | .0 | 5.4 | 10.7 | se. | 33 | s. | 2 | 9 | 15 | 7 | 11 | 8 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 7 |
| June | 4.74 | 1.63 | .0 | 6.0 | 9.5 | nw. | 31 | nw. | 0 | 10 | 6 | 14 | 14 | 10 | 0 | 0 | 0 | 8 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| July | 5.60 | 1.67 | .0 | 5.7 | 8.8 | nw. | 40 | sw. | 5 | 9 | 11 | 11 | 11 | 10 | 0 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 9 |
| August | 7.75 | 3.08 | .0 | 6.1 | 7.8 | sw. | 32 | e. | 1 | 8 | 8 | 15 | 12 | 10 | 0 | 0 | 0 | 10 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 5 |
| September | 3.98 | 3.10 | .0 | 5.1 | 8.7 | nw. | 37 | n. | 4 | 11 | 7 | 12 | 7 | 5 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 2 |
| October | 3.22 | 1.56 | .0 | 5.7 | 9.6 | e. | 28 | se. | 0 | 11 | 7 | 13 | 10 | 9 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| November | 3.33 | 1.09 | T | 4.9 | 11.8 | nw. | 48 | nw. | 5 | 13 | 7 | 10 | 10 | 10 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 1 |
| December | 5.09 | 1.90 | 6.6 | 6.8 | 12.2 | nw. | 47 | w. | 6 | 7 | 7 | 17 | 15 | 13 | 10 | 6 | 0 | 13 | 2 | 2 | 2 | 6 | 0 | 0 | 25 | 0 | 0 |
| Year | 54.21 | 4.32 | 17.9 | 5.7 | 11.2 | nw. | 51 | s. | 61 | 119 | 94 | 152 | 125 | 102 | 35 | 17 | 1 | 98 | 11 | 4 | 2 | 19 | 15 | 1 | 89 | 0 | 30 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

REDDING, CALIF.

Airport [$\phi$=40°35′ N.; $\lambda$=122°24′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.38 | 30.16 | 29.61 | 28.95 | 45.4 | 42.6 | 47.2 | 53.3 | 41.3 | 39.4 | 42.1 | 45.9 | 55.4 | 40.0 | 47.7 | 74 | 27 | 36 | 35 | 36 | 38 | 36 | 72 | 77 | 68 | 61 | 69 |
| February | 29.25 | 30.03 | 29.52 | 28.81 | 46.1 | 43.0 | 50.2 | 55.2 | 41.3 | 39.2 | 42.7 | 44.9 | 56.8 | 40.2 | 48.5 | 67 | 32 | 35 | 34 | 33 | 32 | 34 | 67 | 72 | 56 | 46 | 60 |
| March | 29.28 | 30.06 | 29.56 | 28.77 | 51.3 | 45.6 | 55.5 | 61.9 | 42.5 | 39.3 | 44.4 | 47.0 | 63.3 | 42.8 | 53.0 | 75 | 32 | 31 | 31 | 30 | 29 | 30 | 48 | 58 | 42 | 33 | 45 |
| April | 29.16 | 29.94 | 29.50 | 28.84 | 54.1 | 48.8 | 57.5 | 62.5 | 48.4 | 45.1 | 49.3 | 51.4 | 65.0 | 46.2 | 55.6 | 85 | 38 | 43 | 41 | 41 | 40 | 41 | 68 | 76 | 58 | 52 | 63 |
| May | 29.20 | 29.97 | 29.45 | 28.89 | 58.5 | 52.5 | 64.9 | 69.1 | 51.1 | 47.5 | 52.9 | 54.4 | 71.9 | 50.3 | 61.1 | 95 | 37 | 44 | 42 | 42 | 42 | 43 | 61 | 71 | 47 | 40 | 55 |
| June | 29.13 | 29.90 | 29.33 | 28.97 | 72.0 | 64.1 | 77.8 | 85.7 | 55.8 | 52.6 | 58.0 | 60.0 | 86.8 | 62.6 | 74.7 | 109 | 54 | 42 | 42 | 42 | 39 | 41 | 36 | 47 | 29 | 21 | 33 |
| July | 29.14 | 29.90 | 29.30 | 28.94 | 81.7 | 71.7 | 86.9 | 95.1 | 62.2 | 58.8 | 64.3 | 64.7 | 96.3 | 69.5 | 82.9 | 111 | 61 | 49 | 50 | 50 | 43 | 48 | 33 | 47 | 29 | 18 | 32 |
| August | 29.09 | 29.85 | 29.27 | 28.93 | 79.3 | 69.8 | 86.2 | 94.5 | 60.1 | 56.2 | 62.8 | 63.5 | 95.5 | 67.7 | 81.6 | 107 | 59 | 46 | 46 | 47 | 41 | 45 | 32 | 43 | 27 | 17 | 30 |
| September | 29.14 | 29.90 | 29.33 | 28.91 | 72.1 | 64.5 | 78.1 | 86.2 | 56.3 | 53.0 | 58.3 | 60.6 | 87.7 | 62.3 | 75.0 | 101 | 55 | 43 | 43 | 42 | 40 | 42 | 38 | 48 | 31 | 23 | 35 |
| October | 29.24 | 30.01 | 29.55 | 28.95 | 64.8 | 59.4 | 70.9 | 77.9 | 52.3 | 49.9 | 54.4 | 56.7 | 79.4 | 57.0 | 68.2 | 96 | 45 | 41 | 41 | 40 | 39 | 40 | 45 | 53 | 36 | 28 | 41 |
| November | 29.29 | 30.07 | 29.65 | 28.72 | 51.4 | 47.9 | 54.2 | 58.4 | 45.5 | 43.0 | 46.0 | 48.2 | 61.0 | 45.4 | 53.2 | 78 | 37 | 39 | 37 | 37 | 37 | 38 | 66 | 69 | 57 | 51 | 61 |
| December | 29.38 | 30.17 | 29.62 | 28.93 | 44.3 | 42.1 | 45.9 | 49.1 | 41.5 | 39.7 | 42.0 | 44.2 | 51.3 | 38.9 | 45.1 | 71 | 31 | 38 | 37 | 38 | 39 | 38 | 82 | 83 | 76 | 73 | 78 |
| Year | 29.22 | 30.00 | 29.65 | 28.72 | 60.1 | 54.3 | 64.6 | 70.7 | 49.9 | 47.0 | 51.4 | 53.5 | 72.5 | 51.9 | 62.2 | 111 | 27 | 41 | 40 | 40 | 38 | 40 | 54 | 62 | 46 | 39 | 50 |

RENO, NEV.

[3] Airport [$\phi$=39°30′ N.; $\lambda$=119°48′ W.] City [$\phi$=39°32′ N.; $\lambda$=119°49′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 25.59 | 30.28 | 25.92 | 25.28 | 23.5 | 20.2 | 26.7 | 33.7 | 22.7 | 19.6 | 25.5 | 30.5 | 36.8 | 20.2 | 28.5 | 51 | −9 | 22 | 19 | 24 | 26 | 22 | 92 | 93 | 87 | 75 | 87 |
| February | 25.40 | 30.01 | 25.69 | 24.96 | 31.1 | 27.3 | 37.0 | 42.0 | 28.3 | 25.3 | 31.6 | 34.4 | 43.9 | 25.9 | 34.9 | 54 | 16 | 24 | 22 | 24 | 24 | 24 | 75 | 80 | 58 | 49 | 66 |
| March | 25.46 | 30.05 | 25.76 | 24.94 | 34.2 | 26.4 | 44.5 | 53.2 | 30.0 | 24.8 | 35.7 | 39.4 | 53.5 | 28.2 | 40.8 | 70 | 20 | 24 | 22 | 24 | 22 | 23 | 66 | 83 | 46 | 30 | 56 |
| April | 25.36 | 29.89 | 25.68 | 25.06 | 43.3 | 34.2 | 53.5 | 58.8 | 37.2 | 31.7 | 41.9 | 43.4 | 60.3 | 34.8 | 47.6 | 75 | 28 | 30 | 28 | 29 | 26 | 28 | 60 | 79 | 40 | 30 | 52 |
| May | 25.42 | 29.95 | 25.71 | 25.14 | 47.1 | 38.6 | 58.0 | 62.7 | 40.4 | 35.4 | 44.7 | 45.8 | 64.4 | 39.3 | 51.8 | 86 | 29 | 33 | 32 | 31 | 29 | 31 | 60 | 77 | 37 | 29 | 51 |
| June | 25.44 | 29.92 | 25.68 | 25.27 | 56.8 | 43.9 | 70.2 | 77.0 | 46.6 | 40.3 | 50.9 | 52.8 | 77.1 | 46.7 | 61.9 | 93 | 41 | 37 | 37 | 34 | 31 | 35 | 50 | 78 | 27 | 20 | 44 |
| July | 25.51 | 29.96 | 25.68 | 25.38 | 67.5 | 50.7 | 82.2 | 89.1 | 53.3 | 46.9 | 57.9 | 59.5 | 90.2 | 56.4 | 73.3 | 99 | 46 | 42 | 44 | 40 | 38 | 41 | 41 | 77 | 23 | 18 | 40 |
| August | 25.46 | 29.91 | 25.58 | 25.32 | 64.6 | 49.6 | 78.5 | 88.3 | 51.9 | 45.8 | 56.7 | 58.5 | 88.2 | 54.4 | 71.3 | 97 | 41 | 42 | 43 | 41 | 37 | 41 | 45 | 78 | 27 | 17 | 42 |
| September [3] | 25.47 | 29.96 | 25.71 | 25.27 | 53.5 | 41.9 | 66.7 | 79.8 | 45.3 | 39.0 | 51.3 | 54.0 | 83.8 | 37.1 | 60.4 | 92 | 27 | 38 | 36 | 36 | 32 | 36 | 56 | 80 | 29 | 19 | 46 |
| October | 25.54 | 30.08 | 25.76 | 25.16 | 43.7 | 35.0 | 59.0 | 68.7 | 38.5 | 32.8 | 45.9 | 49.0 | 73.3 | 29.9 | 51.6 | 88 | 18 | 33 | 30 | 34 | 31 | 32 | 66 | 82 | 39 | 26 | 54 |
| November | 25.49 | 30.08 | 25.83 | 25.02 | 37.3 | 31.2 | 45.7 | 52.3 | 33.5 | 29.1 | 38.5 | 41.7 | 58.6 | 25.3 | 42.0 | 74 | 14 | 29 | 27 | 30 | 30 | 29 | 73 | 84 | 56 | 46 | 65 |
| December | 25.54 | 30.17 | 25.90 | 25.13 | 33.2 | 29.7 | 38.6 | 42.9 | 30.7 | 27.9 | 33.9 | 37.0 | 49.0 | 24.2 | 36.6 | 61 | 14 | 28 | 26 | 29 | 30 | 28 | 80 | 86 | 69 | 61 | 74 |
| Year | 25.48 | 30.02 | 25.92 | 24.94 | 44.6 | 35.7 | 55.3 | 62.4 | 38.2 | 33.2 | 42.9 | 45.5 | 64.9 | 35.2 | 50.1 | 99 | −9 | 32 | 30 | 31 | 30 | 31 | 64 | 81 | 45 | 35 | 56 |

RICHMOND, VA.

Airport [$\phi$=37°30′ N.; $\lambda$=77°20′ W.] [4] City [$\phi$=37°32′ N.; $\lambda$=77°25′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.94 | 30.10 | 30.47 | 29.21 | 30.5 | 28.5 | 43.3 | 35.8 | 28.5 | 26.9 | 36.5 | 32.1 | 46.4 | 27.2 | 36.8 | 67 | 2 | 25 | 24 | 25 | 26 | 25 | 80 | 82 | 51 | 67 | 70 |
| February | 29.79 | 29.95 | 30.27 | 29.07 | 31.7 | 27.5 | 42.8 | 36.7 | 28.4 | 25.2 | 35.1 | 31.3 | 46.5 | 27.1 | 36.8 | 65 | 12 | 22 | 20 | 21 | 20 | 21 | 65 | 73 | 42 | 52 | 58 |
| March | 29.75 | 29.90 | 30.11 | 28.64 | 42.4 | 40.6 | 56.6 | 50.5 | 39.6 | 38.3 | 46.2 | 43.7 | 59.9 | 38.4 | 49.2 | 80 | 31 | 36 | 35 | 34 | 35 | 35 | 79 | 82 | 46 | 59 | 66 |
| April | 29.92 | 30.07 | 30.21 | 29.50 | 51.1 | 51.2 | 70.7 | 62.1 | 46.0 | 46.5 | 53.8 | 51.0 | 73.2 | 47.1 | 60.2 | 91 | 33 | 41 | 42 | 38 | 40 | 40 | 69 | 71 | 33 | 46 | 55 |
| May | 29.88 | 30.03 | 30.14 | 29.58 | 61.8 | 63.9 | 79.2 | 71.0 | 58.7 | 60.0 | 64.3 | 63.1 | 81.5 | 59.9 | 70.7 | 95 | 51 | 57 | 57 | 55 | 58 | 57 | 84 | 79 | 44 | 66 | 68 |
| June | 29.81 | 29.96 | 30.12 | 29.47 | 67.9 | 70.4 | 83.1 | 76.4 | 65.8 | 67.2 | 71.0 | 70.0 | 84.9 | 66.8 | 75.8 | 99 | 60 | 64 | 65 | 65 | 67 | 65 | 90 | 85 | 56 | 74 | 76 |
| July | 29.85 | 30.00 | 30.08 | 29.63 | 71.8 | 74.6 | 87.7 | 79.6 | 70.0 | 70.9 | 73.6 | 74.0 | 89.3 | 70.7 | 80.0 | 100 | 64 | 69 | 69 | 67 | 72 | 69 | 92 | 84 | 52 | 78 | 76 |
| August | 29.90 | 30.05 | 30.21 | 29.60 | 69.0 | 70.3 | 81.6 | 73.7 | 67.7 | 68.5 | 71.7 | 70.1 | 83.6 | 67.1 | 75.4 | 98 | 52 | 67 | 68 | 67 | 68 | 68 | 94 | 91 | 63 | 84 | 83 |
| September [4] | 29.90 | 30.05 | 30.37 | 29.45 | 65.0 | 65.2 | 80.0 | 70.3 | 63.2 | 63.3 | 68.5 | 66.4 | 82.1 | 61.9 | 72.0 | 94 | 40 | 62 | 62 | 62 | 64 | 62 | 90 | 90 | 56 | 81 | 79 |
| October | 29.87 | 30.02 | 30.31 | 29.43 | 56.2 | 54.6 | 68.3 | 61.5 | 54.5 | 53.5 | 59.8 | 57.8 | 70.5 | 51.9 | 61.2 | 81 | 32 | 53 | 52 | 53 | 55 | 54 | 90 | 93 | 63 | 80 | 82 |
| November | 29.95 | 30.11 | 30.37 | 29.37 | 46.4 | 44.0 | 58.8 | 52.1 | 44.4 | 42.2 | 51.5 | 48.2 | 60.8 | 40.7 | 50.8 | 79 | 23 | 42 | 40 | 45 | 44 | 43 | 86 | 86 | 62 | 76 | 78 |
| December | 29.93 | 30.10 | 30.55 | 28.86 | 35.8 | 32.7 | 41.7 | 38.3 | 33.9 | 31.2 | 37.3 | 35.3 | 46.2 | 29.2 | 37.7 | 63 | 4 | 30 | 28 | 30 | 30 | 30 | 81 | 85 | 66 | 74 | 77 |
| Year | 29.87 | 30.03 | 30.55 | 28.64 | 52.5 | 52.0 | 66.2 | 59.0 | 50.1 | 49.5 | 55.8 | 53.6 | 68.7 | 49.0 | 58.9 | 100 | 2 | 47 | 47 | 47 | 48 | 47 | 83 | 83 | 53 | 70 | 73 |

ROCHESTER, N. Y.

Airport [$\phi$=43°7′ N.; $\lambda$=77°40′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.44 | 30.03 | 29.92 | 28.62 | 23.0 | 21.9 | 27.4 | 24.9 | 21.8 | 20.6 | 25.0 | 23.4 | 31.5 | 17.3 | 24.4 | 50 | −10 | 20 | 18 | 20 | 21 | 20 | 85 | 84 | 73 | 83 | 81 |
| February | 29.36 | 29.95 | 29.91 | 28.68 | 19.4 | 18.2 | 23.4 | 21.2 | 18.8 | 17.6 | 21.6 | 20.2 | 27.0 | 13.7 | 20.4 | 40 | −4 | 17 | 16 | 18 | 18 | 17 | 90 | 90 | 77 | 86 | 86 |
| March | 29.28 | 29.86 | 29.78 | 28.26 | 32.8 | 32.5 | 39.9 | 35.7 | 31.4 | 30.7 | 35.6 | 33.2 | 42.1 | 29.0 | 35.6 | 62 | 19 | 29 | 28 | 30 | 30 | 29 | 86 | 84 | 69 | 78 | 79 |
| April | 29.47 | 30.04 | 29.80 | 28.98 | 44.1 | 44.3 | 58.2 | 52.9 | 40.7 | 40.7 | 48.8 | 45.7 | 60.7 | 39.5 | 50.1 | 86 | 29 | 37 | 37 | 40 | 39 | 38 | 77 | 76 | 55 | 61 | 67 |
| May | 29.44 | 30.00 | 29.77 | 29.13 | 54.9 | 55.9 | 66.5 | 61.9 | 52.0 | 52.1 | 57.1 | 55.4 | 69.8 | 49.9 | 59.9 | 90 | 34 | 50 | 49 | 50 | 50 | 50 | 84 | 78 | 58 | 67 | 72 |
| June | 29.40 | 29.96 | 29.74 | 29.10 | 60.4 | 63.1 | 76.2 | 70.6 | 58.0 | 59.2 | 64.6 | 62.6 | 78.7 | 57.0 | 67.8 | 94 | 46 | 57 | 56 | 58 | 58 | 57 | 87 | 80 | 57 | 66 | 72 |
| July | 29.42 | 29.98 | 29.70 | 29.11 | 64.4 | 66.2 | 79.2 | 75.0 | 60.9 | 62.2 | 66.7 | 65.0 | 82.1 | 60.0 | 71.0 | 95 | 47 | 59 | 60 | 60 | 59 | 59 | 82 | 80 | 53 | 59 | 69 |
| August | 29.48 | 30.04 | 29.84 | 29.17 | 62.8 | 63.3 | 77.1 | 70.6 | 58.9 | 60.3 | 65.8 | 63.6 | 79.0 | 59.3 | 69.2 | 91 | 43 | 58 | 58 | 60 | 60 | 59 | 85 | 85 | 56 | 69 | 71 |
| September | 29.47 | 30.03 | 29.87 | 28.91 | 57.4 | 56.2 | 70.5 | 62.5 | 55.1 | 54.1 | 60.0 | 57.5 | 73.6 | 52.2 | 62.9 | 90 | 31 | 54 | 53 | 53 | 54 | 53 | 87 | 88 | 56 | 74 | 76 |
| October | 29.46 | 30.03 | 30.00 | 28.88 | 48.8 | 47.1 | 59.4 | 52.5 | 45.9 | 44.7 | 51.0 | 48.0 | 61.7 | 43.1 | 52.4 | 79 | 29 | 43 | 42 | 44 | 44 | 43 | 81 | 84 | 58 | 73 | 74 |
| November | 29.46 | 30.04 | 30.02 | 28.82 | 37.8 | 36.7 | 45.2 | 38.9 | 35.8 | 34.8 | 39.6 | 36.1 | 47.5 | 31.2 | 39.4 | 69 | 16 | 33 | 32 | 33 | 32 | 33 | 84 | 85 | 62 | 77 | 77 |
| December | 29.44 | 30.03 | 30.08 | 28.35 | 24.2 | 23.9 | 27.9 | 24.7 | 23.1 | 22.5 | 26.0 | 23.6 | 30.5 | 18.2 | 24.4 | 41 | −16 | 21 | 20 | 23 | 22 | 21 | 86 | 82 | 79 | 67 | 81 |
| Year | 29.43 | 30.00 | 30.08 | 28.26 | 44.2 | 44.1 | 54.2 | 49.3 | 42.0 | 41.6 | 46.8 | 44.5 | 57.0 | 39.2 | 48.1 | 95 | −16 | 40 | 39 | 41 | 41 | 40 | 84 | 83 | 63 | 73 | 79 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Reno, Nev., 4,527 feet; Richmond, Va., 144 feet; Rochester, N. Y., 523 feet.
[2] Airport data.
[3] Airport data beginning Sept. 1.
[4] All city office data after Sept. 25.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

REDDING, CALIF.

[$H$=714 ft.; $H_b$=722 ft.; $H_t$=20 ft.; $H_r$=3 ft.; $H_a$=34 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 6.40 | 2.09 | 0.0 | 7.1 | 7.5 | nw. | 32 | s. | 1 | 7 | 4 | 20 | 13 | 12 | 0 | 0 | 1 | 14 | 6 | 4 | 5 | 0 | 0 | 0 | 6 | 0 | 1 |
| February | 9.64 | 3.70 | .0 | 5.2 | 8.3 | nw. | 25 | s. | 0 | 11 | 6 | 11 | 12 | 8 | 0 | 0 | 1 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| March | 1.87 | .67 | T | 5.8 | 8.2 | nw. | 22 | sw. | 0 | 10 | 6 | 15 | 5 | 5 | 2 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| April | 6.45 | 1.60 | .0 | 7.5 | 8.1 | nw. | 31 | se. | 0 | 4 | 8 | 18 | 13 | 12 | 0 | 0 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 2.32 | .80 | .0 | 6.6 | 7.6 | nw. | 26 | w. | 0 | 6 | 9 | 16 | 11 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 4 |
| June | .22 | .22 | .0 | 2.5 | 9.7 | nw. | 27 | w. | 0 | 20 | 7 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 0 | 0 | 3 |
| July | .00 | .00 | .0 | 1.2 | 8.0 | nw. | 28 | nw. | 0 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 16 | 0 | 0 | 0 |
| August | .00 | .00 | .0 | 0.7 | 7.0 | nw. | 22 | nw. | 0 | 30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 17 | 0 | 0 | 0 |
| September | .10 | .08 | .0 | 2.2 | 8.1 | nw. | 26 | ne. | 0 | 20 | 8 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 6 | 0 | 0 | 1 |
| October | 1.35 | 1.24 | .0 | 2.8 | 8.2 | nw. | 24 | nw. | 0 | 21 | 3 | 7 | 5 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 0 |
| November | 5.83 | 2.80 | .0 | 7.0 | 7.5 | nw. | 36 | se. | 1 | 5 | 6 | 19 | 13 | 12 | 0 | 0 | 0 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 6.36 | 1.73 | T | 7.9 | 6.5 | nw. | 23 | nw. | 0 | 5 | 5 | 21 | 16 | 11 | 1 | 1 | 0 | 14 | 6 | 6 | 4 | 0 | 0 | 0 | 1 | 0 | 0 |
| Year | 40.54 | 3.70 | T | 4.7 | 7.9 | nw. | 36 | se. | 2 | 168 | 64 | 133 | 92 | 74 | 3 | 2 | 5 | 51 | 17 | 13 | 10 | 0 | 74 | 46 | 8 | 0 | 16 |

RENO, NEV.

Airport [$H$=4,397 ft.; $H_b$=4,400 ft.; $H_t$=20 ft.; $H_r$=4 ft.; $H_a$=52 ft.] City [$H$=4,493 ft.; $H_b$=4,527 ft.; $H_t$=52 ft.; $H_r$=53 ft.; $H_a$=76 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.41 | 0.60 | 0.8 | 6.9 | 3.3 | w. | 24 | w. | 0 | 7 | 7 | 17 | 8 | 5 | 7 | 3 | 0 | 5 | 2 | 0 | 0 | 11 | 0 | 0 | 27 | 4 | 0 |
| February | .68 | .30 | 1.7 | 5.2 | 5.8 | w. | 32 | s. | 1 | 11 | 4 | 13 | 8 | 4 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| March | .53 | .28 | 2.0 | 4.1 | 6.2 | w. | 28 | w. | 0 | 12 | 14 | 5 | 4 | 3 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 25 | 0 | 0 |
| April | .27 | .19 | T | 4.9 | 7.8 | w. | 33 | s. | 1 | 11 | 11 | 8 | 5 | 2 | 3 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 0 | 0 |
| May | .30 | .10 | T | 4.3 | 7.7 | w. | 29 | w. | 0 | 13 | 14 | 4 | 6 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| June | .08 | .07 | .0 | 1.8 | 7.0 | w. | 24 | sw. | 0 | 25 | 4 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| July | T | T | .0 | 1.0 | 6.3 | w. | 22 | w. | 0 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 10 | 0 | 0 | 2 |
| August | T | T | .0 | 1.5 | 6.1 | w. | 23 | w. | 0 | 26 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 | 0 | 0 | 1 |
| September | .02 | .02 | .0 | 1.7 | 5.6 | w. | 34 | w. | 1 | 25 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 4 | 0 | 1 |
| October | .07 | .04 | T | 2.8 | 4.9 | sw. | 28 | nw. | 0 | 18 | 10 | 3 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| November | .96 | .46 | .3 | 5.9 | 7.6 | sw. | 52 | sw. | 7 | 7 | 10 | 13 | 5 | 4 | 2 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 24 | 0 | 0 |
| December | .56 | .29 | .4 | 7.7 | 6.7 | sw. | 40 | s. | 7 | 1 | 10 | 20 | 8 | 4 | 5 | 3 | 0 | 7 | 5 | 4 | 6 | 1 | 0 | 0 | 27 | 0 | 0 |
| Year | 4.88 | .60 | 5.2 | 4.0 | 6.3 | w. | 52 | sw. | 17 | 185 | 93 | 87 | 51 | 26 | 37 | 18 | 1 | 14 | 8 | 6 | 8 | 13 | 43 | 16 | 162 | 4 | 5 |

RICHMOND, VA.

Airport [$H$=160 ft.; $H_b$=164 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_a$=53 ft.] City [$H$=162 ft.; $H_b$=144 ft.; $H_t$=11 ft.; $H_r$=3 ft.; $H_a$=52 ft.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.33 | 1.30 | 5.2 | 4.7 | 8.5 | sw. | 34 | sw. | 2 | 16 | 3 | 12 | 10 | 9 | 6 | 3 | 1 | 1 | 1 | 1 | 0 | 4 | 0 | 0 | 18 | 0 | 1 |
| February | 1.11 | .55 | T | 4.8 | 9.3 | nw. | 26 | sw. | 0 | 12 | 7 | 9 | 5 | 5 | 3 | 0 | 0 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 21 | 0 | 0 |
| March | 5.15 | 2.21 | T | 5.6 | 10.4 | nw. | 44 | w. | 2 | 10 | 9 | 12 | 12 | 12 | 2 | 1 | 0 | 4 | 2 | 3 | 2 | 0 | 0 | 0 | 3 | 0 | 1 |
| April | .52 | .52 | .0 | 3.7 | 8.4 | sw. | 32 | nw. | 1 | 17 | 7 | 6 | 2 | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| May | 3.57 | 2.18 | .0 | 5.1 | 7.7 | sw. | 22 | ne. | 0 | 9 | 13 | 9 | 7 | 7 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 10 |
| June | 4.75 | 1.18 | .0 | 5.8 | 6.6 | sw. | 22 | n. | 0 | 7 | 14 | 9 | 9 | 9 | 0 | 0 | 0 | 5 | 2 | 2 | 2 | 0 | 6 | 1 | 0 | 0 | 10 |
| July | 4.31 | 1.01 | .0 | 4.9 | 6.1 | sw. | 31 | nw. | 0 | 9 | 15 | 7 | 12 | 12 | 0 | 0 | 0 | 4 | 2 | 1 | 1 | 0 | 15 | 4 | 0 | 0 | 12 |
| August | 5.73 | 1.95 | .0 | 6.2 | 6.5 | sw. | 38 | n. | 1 | 7 | 11 | 13 | 19 | 9 | 0 | 0 | 0 | 3 | 2 | 2 | 2 | 0 | 5 | 3 | 0 | 0 | 10 |
| September | 3.05 | 1.12 | .0 | 4.3 | 6.5 | ne. | 35 | nw. | 1 | 13 | 10 | 7 | 9 | 5 | 0 | 0 | 0 | 3 | 2 | 2 | 2 | 0 | 7 | 0 | 0 | 0 | 3 |
| October | 7.38 | 2.40 | .0 | 5.5 | 6.9 | sw. | 20 | ne. | 0 | 13 | 4 | 14 | 12 | 12 | 0 | 0 | 0 | 21 | 9 | 3 | 2 | 0 | 0 | 0 | 2 | 0 | 2 |
| November | 1.23 | .75 | .0 | 4.7 | 8.1 | sw. | 26 | sw. | 0 | 15 | 4 | 11 | 6 | 6 | 0 | 0 | 0 | 18 | 5 | 4 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| December | 3.05 | .60 | 7.3 | 6.8 | 8.5 | sw. | 35 | w. | 1 | 6 | 7 | 18 | 16 | 12 | 8 | 5 | 0 | 18 | 9 | 7 | 5 | 2 | 0 | 0 | 18 | 0 | 1 |
| Year | 44.18 | 2.40 | 12.5 | 5.2 | 7.8 | sw. | 44 | w. | 8 | 134 | 104 | 127 | 119 | 100 | 19 | 9 | 1 | 85 | 38 | 27 | 17 | 6 | 37 | 8 | 67 | 0 | 50 |

ROCHESTER, N. Y.

Airport [$H$=543 ft.; $H_b$=555 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=69 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.28 | 0.33 | 5.0 | 7.3 | 12.5 | sw. | 46 | w. | 6 | 6 | 5 | 20 | 16 | 6 | 23 | 12 | 0 | 13 | 2 | 1 | 1 | 13 | 0 | 0 | 27 | 4 | 0 |
| February | 4.51 | 2.42 | 31.5 | 8.1 | 13.7 | nw. | 40 | nw. | 3 | 4 | 2 | 22 | 21 | 14 | 24 | 18 | 0 | 9 | 3 | 2 | 1 | 20 | 0 | 0 | 28 | 3 | 0 |
| March | 5.42 | 2.21 | 18.4 | 7.7 | 13.0 | w. | 50 | w. | 7 | 4 | 7 | 20 | 20 | 15 | 18 | 14 | 0 | 14 | 2 | 2 | 2 | 0 | 0 | 0 | 22 | 0 | 2 |
| April | 2.60 | 1.01 | 5.3 | 5.9 | 11.8 | nw. | 33 | w. | 2 | 7 | 13 | 10 | 13 | 7 | 6 | 4 | 0 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 2 |
| May | 3.51 | .91 | .0 | 7.4 | 9.0 | sw. | 33 | sw. | 1 | 2 | 10 | 19 | 19 | 13 | 0 | 0 | 0 | 19 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| June | 1.03 | .37 | .0 | 6.3 | 7.3 | sw. | 30 | w. | 0 | 5 | 13 | 12 | 12 | 8 | 0 | 0 | 0 | 17 | 2 | 1 | 2 | 0 | 3 | 0 | 0 | 0 | 4 |
| July | 2.84 | 1.73 | .0 | 5.6 | 8.6 | w. | 37 | w. | 1 | 9 | 11 | 11 | 9 | 7 | 0 | 0 | 0 | 13 | 1 | 0 | 1 | 0 | 4 | 1 | 0 | 0 | 6 |
| August | 1.66 | .87 | .0 | 6.3 | 7.8 | sw. | 30 | w. | 0 | 8 | 8 | 15 | 9 | 5 | 0 | 0 | 0 | 13 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 5 |
| September | 2.72 | .83 | .0 | 6.0 | 8.1 | sw. | 33 | w. | 1 | 6 | 13 | 11 | 13 | 8 | 0 | 0 | 0 | 19 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 5 |
| October | 3.22 | 1.52 | T | 6.2 | 8.6 | w. | 34 | sw. | 1 | 9 | 7 | 15 | 9 | 9 | 2 | 0 | 0 | 15 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| November | 3.40 | .92 | 5.5 | 7.3 | 10.9 | w. | 40 | w. | 4 | 3 | 15 | 12 | 18 | 13 | 12 | 5 | 0 | 15 | 3 | 2 | 1 | 2 | 0 | 0 | 18 | 0 | 0 |
| December | 4.48 | 1.24 | 18.5 | 8.9 | 12.5 | w. | 44 | w. | 5 | 1 | 4 | 26 | 20 | 16 | 24 | 14 | 0 | 17 | 0 | 0 | 0 | 14 | 0 | 0 | 28 | 3 | 0 |
| Year | 36.67 | 2.42 | 84.2 | 6.9 | 10.3 | w. | 50 | w. | 31 | 64 | 108 | 193 | 179 | 121 | 109 | 67 | 0 | 174 | 19 | 15 | 12 | 49 | 9 | 1 | 132 | 10 | 30 |

## ROSEBURG, OREG.

[$\phi$=43°13′ N.; $\lambda$=123°20′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (°F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.57 | 30.13 | 29.93 | 28.92 | 40.1 | 38.8 | 41.2 | 47.1 | 39.1 | 37.9 | 39.1 | 43.3 | 49.7 | 36.3 | 43.0 | 63 | 17 | 38 | 37 | 37 | 39 | 38 | 92 | 92 | 84 | 75 | 86 |
| February | 29.50 | 30.06 | 29.93 | 29.02 | 42.1 | 38.5 | 42.2 | 50.2 | 40.5 | 37.7 | 39.7 | 44.1 | 52.4 | 36.0 | 44.2 | 63 | 28 | 39 | 37 | 36 | 37 | 37 | 87 | 94 | 81 | 62 | 81 |
| March | 29.56 | 30.12 | 29.93 | 29.10 | 44.1 | 38.6 | 46.6 | 55.9 | 41.5 | 37.6 | 42.2 | 46.6 | 57.7 | 36.6 | 47.2 | 77 | 29 | 38 | 36 | 37 | 36 | 37 | 81 | 92 | 70 | 50 | 73 |
| April | 29.40 | 29.95 | 29.79 | 28.93 | 49.5 | 43.4 | 53.5 | 60.9 | 46.0 | 42.1 | 47.1 | 50.0 | 63.9 | 41.3 | 52.6 | 81 | 33 | 42 | 41 | 40 | 39 | 41 | 78 | 91 | 62 | 47 | 69 |
| May | 29.49 | 30.04 | 29.79 | 29.11 | 52.5 | 48.4 | 57.2 | 63.2 | 49.2 | 46.7 | 50.6 | 53.2 | 66.4 | 46.9 | 56.6 | 90 | 35 | 46 | 45 | 44 | 45 | 45 | 80 | 89 | 63 | 54 | 72 |
| June | 29.51 | 30.06 | 29.71 | 29.26 | 58.1 | 51.1 | 63.1 | 71.4 | 53.1 | 49.3 | 54.4 | 57.7 | 73.9 | 49.7 | 61.8 | 104 | 40 | 49 | 48 | 47 | 47 | 48 | 72 | 88 | 58 | 44 | 66 |
| July | 29.49 | 30.03 | 29.68 | 29.18 | 67.4 | 58.9 | 71.1 | 82.2 | 60.4 | 56.3 | 61.1 | 65.0 | 83.8 | 57.5 | 70.6 | 106 | 50 | 56 | 54 | 54 | 54 | 55 | 68 | 86 | 57 | 40 | 63 |
| August | 29.43 | 29.96 | 29.68 | 29.22 | 67.9 | 58.5 | 70.9 | 83.9 | 59.7 | 55.3 | 60.5 | 64.5 | 85.1 | 56.4 | 70.8 | 103 | 49 | 54 | 53 | 54 | 53 | 54 | 62 | 82 | 56 | 36 | 59 |
| September | 29.47 | 30.01 | 29.67 | 29.16 | 61.2 | 51.5 | 65.5 | 79.0 | 54.3 | 49.3 | 55.6 | 60.8 | 80.3 | 49.1 | 64.7 | 95 | 39 | 49 | 47 | 48 | 48 | 48 | 65 | 86 | 55 | 38 | 61 |
| October | 29.56 | 30.11 | 29.80 | 29.27 | 52.7 | 47.5 | 56.2 | 67.2 | 49.6 | 46.3 | 51.2 | 55.5 | 69.3 | 44.7 | 57.0 | 89 | 39 | 47 | 45 | 47 | 47 | 46 | 81 | 92 | 73 | 51 | 74 |
| November | 29.48 | 30.04 | 29.94 | 28.74 | 47.1 | 45.6 | 48.4 | 52.2 | 45.2 | 44.1 | 45.5 | 47.8 | 55.4 | 41.2 | 48.3 | 68 | 32 | 43 | 43 | 43 | 44 | 43 | 87 | 90 | 81 | 74 | 83 |
| December | 29.55 | 30.11 | 29.91 | 28.95 | 43.8 | 43.1 | 45.5 | 48.1 | 42.4 | 41.8 | 43.8 | 45.4 | 50.6 | 39.8 | 45.2 | 59 | 32 | 41 | 40 | 42 | 43 | 42 | 90 | 90 | 88 | 82 | 88 |
| Year | 29.50 | 30.05 | 29.94 | 28.74 | 52.2 | 47.0 | 55.1 | 63.4 | 48.4 | 45.4 | 49.2 | 52.8 | 65.7 | 44.6 | 55.2 | 106 | 17 | 45 | 44 | 44 | 44 | 44 | 79 | 89 | 69 | 54 | 73 |

## ROSWELL, N. MEX.

[$\phi$=33°24′ N.; $\lambda$=104°27′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 26.49 | 30.18 | 26.92 | 26.02 | 35.9 | 31.1 | 43.2 | 49.0 | 32.1 | 28.2 | 36.0 | 39.8 | 53.5 | 26.6 | 40.0 | 73 | 16 | 27 | 24 | 27 | 29 | 27 | 72 | 76 | 56 | 50 | 64 |
| February | 26.29 | 29.95 | 26.71 | 25.98 | 37.9 | 30.6 | 46.3 | 52.8 | 32.3 | 27.1 | 38.0 | 41.2 | 55.6 | 27.2 | 41.4 | 72 | 7 | 24 | 21 | 28 | 27 | 25 | 58 | 67 | 50 | 39 | 54 |
| March | 26.28 | 29.89 | 26.66 | 25.78 | 44.5 | 36.7 | 56.6 | 62.1 | 35.8 | 31.2 | 41.4 | 44.1 | 64.5 | 33.5 | 49.0 | 80 | 22 | 24 | 23 | 21 | 20 | 22 | 45 | 58 | 27 | 22 | 38 |
| April | 26.26 | 29.83 | 26.61 | 25.88 | 54.7 | 47.1 | 64.8 | 69.3 | 47.5 | 43.1 | 51.1 | 52.0 | 72.0 | 45.1 | 58.6 | 87 | 31 | 40 | 39 | 38 | 35 | 38 | 62 | 73 | 43 | 35 | 53 |
| May | 26.28 | 29.83 | 26.70 | 25.96 | 62.0 | 53.5 | 74.6 | 81.6 | 50.0 | 47.2 | 55.5 | 56.8 | 83.4 | 51.9 | 67.7 | 98 | 43 | 38 | 40 | 39 | 35 | 38 | 45 | 65 | 32 | 22 | 41 |
| June | 26.28 | 29.78 | 26.68 | 26.07 | 71.8 | 63.4 | 84.6 | 89.5 | 59.2 | 57.1 | 63.7 | 63.8 | 92.4 | 61.7 | 77.0 | 103 | 56 | 50 | 53 | 50 | 46 | 50 | 50 | 70 | 35 | 27 | 46 |
| July | 26.42 | 29.94 | 26.68 | 26.23 | 73.4 | 66.5 | 85.6 | 90.1 | 62.9 | 60.5 | 67.2 | 66.8 | 93.3 | 64.8 | 79.0 | 100 | 58 | 57 | 57 | 58 | 54 | 56 | 58 | 73 | 40 | 30 | 50 |
| August | 26.37 | 29.89 | 26.60 | 26.14 | 71.9 | 66.3 | 81.5 | 83.7 | 64.8 | 62.8 | 67.4 | 66.7 | 87.9 | 65.3 | 76.6 | 94 | 61 | 61 | 61 | 61 | 58 | 60 | 71 | 84 | 51 | 44 | 62 |
| September | 26.40 | 29.96 | 26.76 | 26.13 | 63.6 | 57.9 | 74.3 | 78.0 | 58.6 | 54.9 | 61.2 | 61.6 | 82.3 | 55.8 | 69.0 | 94 | 39 | 55 | 53 | 53 | 51 | 53 | 75 | 83 | 50 | 43 | 63 |
| October | 26.38 | 29.97 | 26.70 | 26.01 | 54.4 | 49.3 | 65.0 | 67.5 | 49.5 | 46.3 | 53.8 | 54.3 | 73.2 | 46.4 | 59.8 | 86 | 36 | 45 | 43 | 46 | 44 | 44 | 72 | 82 | 51 | 45 | 63 |
| November | 26.38 | 30.00 | 26.91 | 25.93 | 46.2 | 39.1 | 60.8 | 63.0 | 39.7 | 35.6 | 47.8 | 48.0 | 70.4 | 35.1 | 52.8 | 84 | 22 | 32 | 31 | 35 | 33 | 33 | 58 | 74 | 40 | 34 | 51 |
| December | 26.39 | 30.04 | 26.71 | 25.88 | 39.2 | 34.2 | 49.2 | 52.4 | 35.1 | 31.8 | 41.0 | 42.5 | 60.0 | 30.4 | 45.2 | 81 | 19 | 30 | 29 | 32 | 32 | 31 | 70 | 81 | 54 | 49 | 64 |
| Year | 26.35 | 29.94 | 26.92 | 25.78 | 54.6 | 48.0 | 65.5 | 69.9 | 47.3 | 43.8 | 52.0 | 53.1 | 74.0 | 45.3 | 59.7 | 103 | 7 | 40 | 40 | 41 | 39 | 40 | 61 | 74 | 44 | 37 | 54 |

## SACRAMENTO, CALIF.

Airport [$\phi$=38°31′ N.; $\lambda$=121°30′ W.] City [$\phi$=38°35′ N.; $\lambda$=121°30′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 30.09 | 30.16 | (1) 30.32 | (1) 29.66 | (2) 44.2 | (2) 42.0 | (2) 45.7 | (2) 50.8 | (2) 43.0 | (2) 41.0 | (2) 43.9 | (2) 47.6 | 52.0 | 40.7 | 46.4 | 61 | 29 | (2) 42 | (2) 40 | (2) 42 | (2) 44 | (2) 42 | (2) 90 | (2) 92 | (2) 87 | (2) 79 | (2) 87 |
| February | 29.94 | 30.02 | 30.17 | 29.50 | 46.6 | 42.9 | 50.2 | 57.3 | 43.9 | 40.9 | 45.6 | 49.0 | 58.1 | 41.7 | 49.9 | 66 | 34 | 41 | 38 | 40 | 40 | 40 | 81 | 85 | 71 | 56 | 73 |
| March | 29.97 | 30.04 | 30.24 | 29.28 | 49.3 | 43.2 | 55.2 | 63.6 | 45.3 | 41.0 | 47.9 | 52.0 | 64.4 | 42.8 | 53.6 | 76 | 32 | 41 | 38 | 40 | 41 | 40 | 74 | 83 | 58 | 47 | 66 |
| April | 29.87 | 29.94 | 30.16 | 29.55 | 52.6 | 48.6 | 58.8 | 64.1 | 49.7 | 46.5 | 52.2 | 54.8 | 66.5 | 47.7 | 57.1 | 78 | 40 | 47 | 44 | 46 | 47 | 46 | 82 | 87 | 65 | 57 | 73 |
| May | 29.91 | 29.98 | 30.10 | 29.67 | 54.8 | 49.9 | 64.8 | 71.5 | 51.3 | 48.0 | 55.4 | 57.9 | 73.8 | 49.4 | 61.6 | 91 | 42 | 48 | 46 | 48 | 48 | 48 | 79 | 88 | 56 | 44 | 66 |
| June | 29.82 | 29.89 | 29.96 | 29.68 | 62.8 | 55.2 | 74.5 | 85.2 | 55.5 | 51.4 | 60.2 | 63.2 | 87.2 | 56.1 | 71.6 | 108 | 51 | 50 | 48 | 50 | 48 | 49 | 64 | 78 | 44 | 29 | 54 |
| July | 29.83 | 29.90 | 29.97 | 29.61 | 67.7 | 60.3 | 77.9 | 90.7 | 59.2 | 56.0 | 64.3 | 67.2 | 92.8 | 59.8 | 76.3 | 108 | 55 | 53 | 53 | 56 | 53 | 54 | 61 | 77 | 48 | 29 | 54 |
| August | 29.78 | 29.85 | 29.97 | 29.63 | 65.6 | 58.0 | 74.2 | 89.3 | 57.7 | 54.3 | 62.2 | 65.4 | 90.5 | 57.0 | 73.8 | 101 | 53 | 52 | 52 | 55 | 50 | 52 | 63 | 79 | 51 | 27 | 55 |
| September | 29.82 | 29.88 | 30.00 | 29.55 | 62.1 | 56.5 | 72.3 | 83.6 | 55.1 | 52.2 | 59.6 | 63.4 | 84.4 | 55.6 | 70.0 | 100 | 51 | 50 | 49 | 51 | 50 | 50 | 65 | 77 | 48 | 33 | 56 |
| October | 29.92 | 29.99 | 30.28 | 29.60 | 58.4 | 52.1 | 66.7 | 77.2 | 52.3 | 48.3 | 56.4 | 60.8 | 78.8 | 52.0 | 65.4 | 91 | 44 | 47 | 45 | 48 | 49 | 47 | 68 | 77 | 54 | 40 | 60 |
| November | 30.00 | 30.08 | 30.37 | 29.72 | 49.7 | 45.2 | 55.0 | 61.7 | 46.7 | 43.6 | 50.0 | 53.4 | 63.0 | 43.8 | 53.4 | 76 | 36 | 44 | 42 | 45 | 46 | 44 | 80 | 88 | 72 | 60 | 75 |
| December | 30.11 | 30.18 | 30.32 | 29.71 | 44.5 | 42.1 | 45.7 | 52.2 | 43.4 | 41.2 | 44.0 | 47.8 | 52.0 | 40.3 | 46.2 | 65 | 33 | 42 | 40 | 42 | 44 | 42 | 92 | 94 | 89 | 79 | 88 |
| Year | 29.92 | 29.99 | 30.37 | 29.28 | 54.9 | 49.7 | 61.8 | 70.5 | 50.3 | 47.0 | 53.5 | 56.9 | 72.0 | 48.9 | 60.4 | 108 | 29 | 46 | 45 | 47 | 47 | 46 | 75 | 84 | 62 | 48 | 67 |

## ST. JOSEPH, MO.

Airport [$\phi$=39°46′ N.; $\lambda$=94°55′ W.] City [$\phi$=39°49′ N.; $\lambda$=94°51′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 29.11 | 30.19 | (1) 29.66 | (1) 28.62 | (2) 23.0 | (2) 20.4 | (2) 33.2 | (2) 29.1 | (2) 22.3 | (2) 19.8 | (2) 29.5 | (2) 27.2 | 37.5 | 19.3 | 28.4 | 62 | −8 | (2) 21 | (2) 19 | (2) 24 | (2) 24 | (2) 22 | (2) 92 | (2) 94 | (2) 70 | (2) 83 | (2) 85 |
| February | 29.01 | 30.09 | 29.33 | 28.46 | 26.1 | 24.2 | 33.3 | 31.0 | 25.6 | 23.9 | 30.9 | 29.6 | 36.6 | 22.7 | 29.6 | 56 | 5 | 25 | 23 | 27 | 27 | 26 | 94 | 96 | 77 | 85 | 88 |
| March | 28.84 | 29.89 | 29.37 | 28.23 | 36.8 | 34.0 | 47.0 | 45.3 | 34.9 | 32.7 | 40.7 | 40.4 | 51.0 | 34.0 | 42.5 | 77 | 25 | 32 | 31 | 33 | 35 | 33 | 85 | 89 | 62 | 69 | 76 |
| April | 28.95 | 29.98 | 29.38 | 28.43 | 52.4 | 48.3 | 64.7 | 64.1 | 48.4 | 45.9 | 55.2 | 54.4 | 70.4 | 48.4 | 59.4 | 93 | 30 | 45 | 44 | 48 | 46 | 46 | 77 | 86 | 57 | 54 | 68 |
| May | 28.89 | 29.92 | 29.26 | 28.36 | 56.9 | 54.8 | 67.5 | 67.2 | 54.8 | 53.3 | 59.8 | 60.7 | 71.9 | 53.1 | 62.5 | 90 | 33 | 53 | 52 | 55 | 56 | 54 | 89 | 91 | 65 | 70 | 79 |
| June | 28.90 | 29.91 | 29.19 | 28.54 | 67.1 | 66.3 | 77.9 | 76.9 | 65.6 | 65.2 | 69.1 | 69.6 | 82.0 | 63.9 | 73.0 | 94 | 46 | 65 | 64 | 65 | 66 | 65 | 92 | 94 | 66 | 70 | 81 |
| July | 28.96 | 29.96 | 29.21 | 28.75 | 72.1 | 69.6 | 86.9 | 86.4 | 69.2 | 67.8 | 74.5 | 74.4 | 90.3 | 69.8 | 80.0 | 98 | 58 | 68 | 67 | 69 | 69 | 68 | 87 | 92 | 57 | 58 | 73 |
| August | 28.98 | 29.98 | 29.23 | 28.81 | 68.7 | 66.1 | 83.8 | 80.2 | 67.2 | 65.3 | 73.0 | 72.6 | 84.5 | 66.5 | 75.5 | 99 | 56 | 66 | 65 | 68 | 69 | 67 | 93 | 96 | 61 | 70 | 80 |
| September | 28.98 | 30.00 | 29.46 | 28.65 | 60.5 | 57.8 | 73.1 | 68.7 | 58.8 | 56.9 | 64.4 | 62.8 | 75.3 | 56.6 | 66.0 | 92 | 33 | 58 | 56 | 59 | 59 | 58 | 90 | 94 | 63 | 73 | 80 |
| October | 28.98 | 30.01 | 29.30 | 28.41 | 51.5 | 46.7 | 66.4 | 59.4 | 48.7 | 45.2 | 55.1 | 52.4 | 69.0 | 46.7 | 57.8 | 89 | 23 | 46 | 44 | 46 | 46 | 45 | 83 | 89 | 50 | 63 | 71 |
| November | 28.96 | 30.01 | 29.41 | 28.39 | 40.9 | 39.0 | 50.3 | 44.6 | 38.8 | 37.3 | 44.1 | 41.0 | 54.0 | 36.0 | 45.0 | 78 | 14 | 36 | 35 | 38 | 37 | 37 | 85 | 86 | 65 | 76 | 78 |
| December | 29.05 | 30.13 | 29.56 | 28.58 | 26.3 | 24.3 | 31.6 | 28.8 | 25.5 | 23.7 | 29.2 | 27.5 | 34.2 | 22.4 | 28.3 | 52 | 7 | 24 | 22 | 25 | 25 | 24 | 89 | 92 | 77 | 86 | 86 |
| Year | 28.97 | 30.01 | 29.66 | 28.23 | 48.5 | 46.0 | 59.6 | 56.8 | 46.6 | 44.8 | 52.1 | 51.0 | 63.1 | 45.0 | 54.0 | 99 | −8 | 45 | 44 | 46 | 47 | 45 | 88 | 92 | 64 | 71 | 79 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Sacramento, Calif., 66 feet; St. Joseph, Mo., 976 feet.
[2] Airport data.

## ROSEBURG, OREG.

[$H$=479 ft.; $H_b$=510 ft.; $H_t$=45 ft.; $H_r$=41 ft.; $H_a$=76 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 4.19 | 1.01 | T | 8.5 | 3.2 | nw. | 26 | sc. | 0 | 0 | 7 | 24 | 17 | 12 | 2 | 0 | 0 | 24 | 16 | 13 | 15 | 0 | 0 | 0 | 7 | 0 | 0 |
| February | 2.42 | .67 | 0.0 | 7.5 | 3.4 | s. | 19 | sw. | 0 | 2 | 10 | 16 | 15 | 14 | 0 | 0 | 0 | 15 | 4 | 4 | 7 | 0 | 0 | 0 | 6 | 0 | 0 |
| March | 1.05 | .34 | T | 7.7 | 3.8 | nw. | 21 | n. | 0 | 1 | 12 | 18 | 16 | 7 | 6 | 0 | 1 | 13 | 5 | 10 | 11 | 0 | 0 | 0 | 6 | 0 | 0 |
| April | 1.94 | .37 | .0 | 7.7 | 4.1 | nw. | 27 | sw. | 0 | 1 | 10 | 19 | 13 | 11 | 0 | 0 | 3 | 8 | 5 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 3.38 | 1.07 | .0 | 8.1 | 3.8 | nw. | 20 | sw. | 0 | 0 | 11 | 20 | 14 | 12 | 0 | 0 | 2 | 8 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| June | 1.28 | .93 | .0 | 6.0 | 4.3 | n. | 17 | w. | 0 | 10 | 8 | 12 | 9 | 4 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| July | .16 | .16 | .0 | 3.9 | 4.4 | n. | 16 | n. | 0 | 14 | 13 | 4 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 4 | 0 | 0 | 0 |
| August | T | T | .0 | 2.3 | 4.6 | n. | 20 | n. | 0 | 21 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 11 | 4 | 0 | 0 | 0 |
| September | .09 | .09 | .0 | 3.0 | 3.7 | n. | 22 | n. | 0 | 18 | 7 | 5 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 1 |
| October | .99 | .36 | .0 | 5.5 | 3.1 | n. | 18 | sw. | 0 | 11 | 8 | 12 | 8 | 5 | 0 | 0 | 0 | 9 | 11 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 10.68 | 1.96 | .0 | 8.6 | 3.8 | s. | 23 | sw. | 0 | 0 | 7 | 23 | 20 | 19 | 0 | 0 | 1 | 15 | 6 | 8 | 7 | 0 | 0 | 0 | 1 | 0 | 1 |
| December | 11.95 | 2.56 | T | 8.8 | 3.6 | s. | 18 | sw. | 0 | 0 | 6 | 25 | 23 | 20 | 2 | 0 | 0 | 16 | 7 | 6 | 4 | 0 | 0 | 0 | 1 | 0 | 0 |
| Year | 38.13 | 2.56 | T | 6.5 | 3.8 | n. | 27 | sw. | 0 | 78 | 107 | 180 | 138 | 107 | 10 | 0 | 7 | 116 | 56 | 54 | 57 | 0 | 26 | 10 | 21 | 0 | 6 |

## ROSWELL, N. MEX.

[$H$=3,568 ft.; $H_b$=3,566 ft.; $H_t$=75 ft.; $H_r$=69 ft.; $H_a$=85 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.15 | 0.14 | 1.8 | 4.8 | 7.1 | s. | 33 | w. | 1 | 13 | 8 | 10 | 2 | 1 | 6 | 2 | 0 | 3 | 3 | 2 | 0 | 2 | 0 | 0 | 24 | 0 | 0 |
| February | .21 | .12 | 1.0 | 5.2 | 8.2 | s. | 34 | nw. | 2 | 9 | 8 | 11 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| March | .17 | .17 | 1.6 | 3.3 | 9.7 | s. | 45 | w. | 4 | 18 | 9 | 4 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 |
| April | 2.41 | 1.13 | 4.2 | 4.9 | 9.6 | s. | 40 | sw. | 3 | 12 | 7 | 11 | 9 | 5 | 2 | 1 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 7 |
| May | .01 | .01 | .0 | 2.9 | 8.8 | s. | 26 | s. | 0 | 20 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 6 | 0 | 0 | 4 |
| June | .56 | .25 | .0 | 3.9 | 8.2 | s. | 29 | nw. | 0 | 14 | 12 | 4 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 13 | 0 | 0 | 5 |
| July | 1.96 | .65 | .0 | 3.3 | 7.7 | s. | 37 | nw. | 2 | 20 | 8 | 3 | 9 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 23 | 13 | 0 | 0 | 15 |
| August | 3.63 | 2.41 | .0 | 4.8 | 7.2 | s. | 34 | s. | 1 | 9 | 16 | 6 | 9 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 7 |
| September | 2.50 | 1.28 | .0 | 3.6 | 6.8 | s. | 34 | ne. | 1 | 19 | 6 | 5 | 6 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 |
| October | 1.39 | .49 | .0 | 3.8 | 7.0 | s. | 31 | sw. | 0 | 15 | 14 | 2 | 6 | 3 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | .00 | .00 | .0 | 2.8 | 7.2 | s. | 34 | nw. | 1 | 20 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 14 | 0 | 0 |
| December | 1.78 | 1.28 | 4.5 | 4.5 | 6.8 | s. | 31 | ne. | 0 | 13 | 9 | 9 | 4 | 3 | 4 | 4 | 0 | 5 | 5 | 2 | 1 | 1 | 0 | 0 | 21 | 0 | 0 |
| Year | 14.77 | 2.41 | 13.1 | 4.0 | 7.9 | s. | 45 | w. | 15 | 182 | 111 | 72 | 57 | 35 | 17 | 9 | 1 | 23 | 14 | 6 | 2 | 3 | 66 | 32 | 95 | 0 | 45 |

## SACRAMENTO, CALIF.

Airport [$H$=17 ft.; $H_b$=25 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=40 ft.] City [$H$=25 ft.; $H_b$=66 ft.; $H_t$=92 ft.; $H_r$=84 ft.; $H_a$=115 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.68 | 1.85 | 0.0 | 7.8 | 6.6 | n. | 35 | se. | 1 | 3 | 8 | 20 | 13 | 9 | 0 | 0 | 1 | 10 | 10 | 7 | 5 | 0 | 0 | 0 | 4 | 0 | 1 |
| February | 2.98 | 1.23 | .0 | 4.8 | 8.0 | se. | 27 | nw. | 0 | 12 | 6 | 10 | 8 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| March | 3.31 | 1.47 | 2.0 | 3.9 | 7.6 | n. | 31 | se. | 0 | 17 | 8 | 6 | 5 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| April | 4.58 | .99 | .0 | 6.0 | 8.5 | s. | 28 | nw. | 0 | 6 | 12 | 12 | 13 | 10 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 1.07 | .70 | .0 | 4.3 | 7.7 | sw. | 21 | sw. | 0 | 16 | 10 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| June | .00 | .00 | .0 | 1.5 | 7.7 | s. | 21 | sw. | 0 | 25 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 4 | 0 | 0 | 0 |
| July | T | T | .0 | .8 | 7.8 | s. | 24 | sw. | 0 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | 0 | 0 | 0 |
| August | .00 | .00 | .0 | .8 | 7.6 | s. | 19 | s. | 0 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | 0 | 0 |
| September | .03 | .03 | .0 | 1.6 | 6.9 | s. | 21 | n. | 0 | 26 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 |
| October | .27 | .15 | .0 | 2.7 | 5.9 | s. | 25 | n. | 0 | 21 | 7 | 3 | 4 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 1 |
| November | 2.22 | .98 | .0 | 5.8 | 6.5 | n. | 27 | s. | 0 | 9 | 11 | 10 | 9 | 6 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 3.16 | .74 | .0 | 8.3 | 6.2 | se. | 26 | nw. | 0 | 3 | 4 | 24 | 9 | 6 | 0 | 0 | 1 | 12 | 11 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 22.30 | 1.85 | 2.0 | 4.0 | 7.2 | s. | 35 | se. | 1 | 195 | 78 | 92 | 67 | 51 | 1 | 1 | 3 | 28 | 25 | 22 | 19 | 0 | 56 | 27 | 5 | 0 | 5 |

## ST. JOSEPH, MO.

Airport [$H$=809 ft.; $H_b$= 817 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=51 ft.] City [$H$=957 ft.; $H_b$=967 ft.; $H_t$=11 ft.; $H_r$=3 ft.; $H_a$=49 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.28 | 0.56 | 4.1 | 4.3 | 9.0 | nw. | 30 | nw. | 0 | 17 | 6 | 8 | 2 | 1 | 3 | 2 | 0 | 4 | 1 | 0 | 0 | 11 | 0 | 0 | 25 | 10 | 0 |
| February | 2.87 | 1.31 | 15.5 | 7.5 | 9.2 | nw. | 27 | nw. | 0 | 4 | 7 | 17 | 13 | 9 | 14 | 9 | 0 | 11 | 3 | 1 | 1 | 6 | 0 | 0 | 25 | 0 | 2 |
| March | 1.79 | 1.33 | .2 | 6.1 | 11.6 | nw. | 36 | w. | 3 | 9 | 5 | 17 | 7 | 4 | 6 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 2 |
| April | 1.60 | .51 | .0 | 5.7 | 10.7 | s. | 27 | w. | 0 | 10 | 7 | 13 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 6 |
| May | 7.00 | 1.89 | .0 | 5.9 | 9.0 | s. | 27 | nw. | 0 | 9 | 10 | 12 | 10 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| June | 5.61 | 1.95 | .0 | 6.2 | 8.0 | e. | 34 | w. | 2 | 8 | 12 | 12 | 16 | 13 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 14 |
| July | 2.21 | .99 | .0 | 3.7 | 7.6 | s. | 21 | se. | 0 | 18 | 10 | 3 | 8 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 18 | 6 | 0 | 0 | 10 |
| August | 4.76 | 1.22 | .0 | 4.7 | 7.0 | s. | 20 | n. | 0 | 14 | 7 | 10 | 12 | 11 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 9 |
| September | 6.50 | 2.84 | .0 | 5.4 | 8.1 | s. | 25 | nw. | 0 | 12 | 6 | 12 | 11 | 7 | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 5 | 0 | 0 | 0 | 5 |
| October | 1.74 | .88 | .0 | 3.7 | 7.8 | e. | 22 | nw. | 0 | 19 | 5 | 7 | 6 | 3 | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 1.60 | .90 | 2.3 | 5.6 | 10.1 | s. | 31 | nw. | 0 | 10 | 7 | 13 | 9 | 7 | 5 | 3 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 10 | 0 | 1 |
| December | 2.50 | 1.31 | 9.4 | 6.8 | 8.4 | w. | 27 | nw. | 0 | 10 | 5 | 16 | 6 | 6 | 9 | 5 | 0 | 5 | 1 | 1 | 1 | 10 | 0 | 0 | 28 | 0 | 1 |
| Year | 38.46 | 2.84 | 31.5 | 5.5 | 8.9 | s. | 36 | w. | 5 | 138 | 87 | 140 | 108 | 83 | 37 | 20 | 2 | 39 | 9 | 4 | 4 | 28 | 36 | 7 | 104 | 10 | 59 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

SAN DIEGO, CALIF.
Airport [$\phi$=32°44′ N.; $\lambda$=117°10′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 30.01 | 30.10 | 30.20 | 29.76 | 53.5 | 50.2 | 61.5 | 63.5 | 50.1 | 47.0 | 53.1 | 54.9 | 68.3 | 47.1 | 57.7 | 80 | 36 | 47 | 44 | 46 | 48 | 46 | 80 | 80 | 59 | 59 | 69 |
| February | 29.89 | 29.98 | 30.09 | 29.64 | 52.0 | 48.6 | 60.2 | 60.8 | 48.7 | 45.6 | 51.8 | 52.8 | 65.3 | 45.8 | 55.6 | 73 | 36 | 45 | 42 | 44 | 46 | 44 | 79 | 80 | 57 | 59 | 69 |
| March | 29.92 | 30.01 | 30.17 | 29.60 | 54.1 | 50.0 | 62.9 | 63.6 | 50.1 | 46.3 | 53.1 | 54.2 | 68.0 | 47.8 | 57.9 | 76 | 44 | 46 | 42 | 44 | 46 | 44 | 76 | 75 | 53 | 56 | 65 |
| April | 29.88 | 29.98 | 30.05 | 29.70 | 57.9 | 55.0 | 62.8 | 64.2 | 54.4 | 52.6 | 56.4 | 56.9 | 67.3 | 53.1 | 60.2 | 80 | 46 | 52 | 51 | 52 | 51 | 51 | 80 | 86 | 67 | 64 | 74 |
| May | 29.88 | 29.97 | 29.99 | 29.76 | 59.7 | 57.6 | 66.4 | 67.5 | 56.2 | 54.2 | 58.4 | 59.9 | 70.6 | 56.0 | 63.3 | 87 | 51 | 54 | 51 | 53 | 54 | 53 | 81 | 80 | 62 | 63 | 72 |
| June | 29.81 | 29.91 | 29.94 | 29.68 | 61.6 | 60.7 | 66.6 | 67.1 | 58.5 | 57.7 | 60.7 | 60.3 | 70.6 | 59.2 | 64.9 | 75 | 56 | 56 | 56 | 57 | 56 | 56 | 84 | 84 | 71 | 68 | 77 |
| July | 29.85 | 29.95 | 29.96 | 29.73 | 65.1 | 63.9 | 72.7 | 73.9 | 62.3 | 61.7 | 65.3 | 65.2 | 76.5 | 62.6 | 69.6 | 84 | 58 | 60 | 60 | 61 | 60 | 61 | 86 | 88 | 68 | 63 | 76 |
| August | 29.80 | 29.90 | 29.96 | 29.69 | 65.9 | 64.9 | 72.8 | 73.2 | 62.8 | 62.2 | 65.3 | 65.5 | 76.6 | 63.5 | 70.0 | 81 | 58 | 61 | 61 | 61 | 61 | 61 | 84 | 86 | 67 | 65 | 76 |
| September | 29.80 | 29.89 | 29.95 | 29.67 | 63.9 | 62.5 | 70.7 | 71.6 | 60.7 | 59.5 | 62.8 | 63.9 | 74.9 | 60.6 | 67.8 | 83 | 56 | 59 | 58 | 58 | 60 | 59 | 83 | 85 | 65 | 66 | 75 |
| October | 29.87 | 29.97 | 30.08 | 29.53 | 62.1 | 59.8 | 70.1 | 70.2 | 58.9 | 56.6 | 61.2 | 61.3 | 74.4 | 57.5 | 66.0 | 90 | 48 | 57 | 54 | 56 | 56 | 56 | 83 | 83 | 62 | 62 | 73 |
| November | 29.91 | 30.00 | 30.17 | 29.71 | 57.0 | 53.8 | 65.6 | 65.4 | 54.0 | 50.6 | 57.2 | 58.3 | 70.9 | 51.0 | 61.0 | 86 | 42 | 52 | 48 | 51 | 54 | 51 | 83 | 80 | 61 | 67 | 73 |
| December | 29.99 | 30.09 | 30.19 | 29.75 | 53.6 | 50.9 | 60.6 | 62.3 | 50.5 | 47.7 | 52.7 | 55.1 | 67.2 | 47.8 | 57.5 | 77 | 42 | 48 | 44 | 46 | 49 | 47 | 81 | 80 | 60 | 64 | 71 |
| Year | 29.88 | 29.98 | 30.20 | 29.53 | 58.9 | 56.5 | 66.1 | 66.9 | 55.6 | 53.5 | 58.2 | 59.0 | 70.9 | 54.3 | 62.6 | 90 | 36 | 53 | 51 | 52 | 53 | 52 | 82 | 82 | 63 | 63 | 72 |

SALT LAKE CITY, UTAH
Airport [$\phi$=40°46′ N.; $\lambda$=111°57′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 25.93 | 30.38 | 26.17 | 25.36 | 18.7 | 17.8 | 22.6 | 24.7 | 18.1 | 17.4 | 21.6 | 23.4 | 29.7 | 11.2 | 20.4 | 50 | −13 | 17 | 17 | 20 | 22 | 19 | 94 | 96 | 88 | 88 | 91 |
| February | 25.57 | 30.07 | 25.86 | 25.15 | 25.4 | 22.1 | 29.5 | 31.1 | 24.1 | 21.0 | 26.8 | 28.3 | 35.6 | 18.4 | 27.0 | 50 | 0 | 22 | 19 | 22 | 24 | 22 | 85 | 88 | 73 | 73 | 80 |
| March | 25.61 | 30.07 | 25.98 | 25.11 | 32.0 | 29.2 | 40.2 | 43.0 | 29.8 | 27.3 | 34.2 | 35.7 | 45.6 | 26.0 | 35.8 | 67 | 17 | 27 | 24 | 27 | 26 | 26 | 80 | 81 | 59 | 55 | 69 |
| April | 25.49 | 29.85 | 25.76 | 25.04 | 46.8 | 42.8 | 57.3 | 58.1 | 40.7 | 37.8 | 43.9 | 45.2 | 63.1 | 38.0 | 50.6 | 79 | 30 | 34 | 32 | 30 | 32 | 32 | 64 | 69 | 37 | 43 | 53 |
| May | 25.53 | 29.88 | 25.89 | 25.16 | 49.5 | 44.4 | 58.2 | 62.5 | 43.8 | 40.2 | 45.9 | 47.9 | 65.4 | 41.0 | 53.2 | 86 | 34 | 39 | 36 | 35 | 35 | 36 | 68 | 75 | 46 | 40 | 57 |
| June | 25.53 | 29.83 | 25.89 | 25.20 | 59.6 | 52.0 | 71.2 | 77.8 | 50.2 | 45.9 | 53.1 | 55.0 | 79.3 | 50.2 | 64.8 | 92 | 42 | 43 | 40 | 38 | 37 | 40 | 55 | 67 | 33 | 25 | 45 |
| July | 25.63 | 29.87 | 25.83 | 25.45 | 71.9 | 65.8 | 86.6 | 91.0 | 57.4 | 54.6 | 61.5 | 61.6 | 93.6 | 62.8 | 78.2 | 101 | 55 | 48 | 47 | 46 | 42 | 46 | 44 | 52 | 26 | 20 | 36 |
| August | 25.58 | 29.84 | 25.72 | 25.34 | 68.5 | 63.0 | 82.7 | 87.7 | 54.0 | 51.7 | 58.6 | 58.7 | 90.0 | 58.8 | 74.4 | 100 | 44 | 43 | 43 | 42 | 38 | 42 | 42 | 50 | 25 | 19 | 34 |
| September | 25.61 | 29.91 | 25.96 | 25.34 | 58.6 | 52.9 | 72.9 | 77.7 | 47.1 | 44.6 | 52.7 | 53.4 | 79.4 | 49.1 | 64.2 | 92 | 32 | 37 | 37 | 36 | 33 | 36 | 46 | 56 | 28 | 21 | 38 |
| October | 25.66 | 30.04 | 25.89 | 25.25 | 48.2 | 44.4 | 59.3 | 61.9 | 41.7 | 39.5 | 46.9 | 47.8 | 65.5 | 39.9 | 52.7 | 83 | 28 | 35 | 34 | 36 | 35 | 35 | 62 | 70 | 44 | 40 | 54 |
| November | 25.64 | 30.02 | 26.10 | 25.02 | 37.9 | 35.9 | 44.4 | 43.9 | 33.8 | 32.0 | 37.0 | 37.8 | 51.1 | 30.0 | 40.6 | 69 | 21 | 29 | 27 | 29 | 31 | 29 | 73 | 73 | 55 | 62 | 66 |
| December | 25.70 | 30.18 | 26.06 | 25.21 | 32.0 | 30.2 | 34.8 | 35.8 | 29.6 | 28.7 | 31.2 | 32.4 | 40.1 | 26.4 | 33.2 | 58 | 16 | 26 | 26 | 26 | 28 | 27 | 80 | 85 | 71 | 74 | 78 |
| Year | 25.62 | 29.99 | 26.17 | 25.02 | 45.8 | 41.7 | 55.0 | 57.9 | 39.2 | 36.7 | 42.8 | 43.9 | 61.5 | 37.6 | 49.6 | 101 | −13 | 33 | 32 | 32 | 32 | 32 | 66 | 72 | 49 | 47 | 58 |

SAN ANTONIO, TEX.
Airport [$\phi$=29°32′ N.; $\lambda$=98°28′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.47 | 30.22 | 29.94 | 28.98 | 45.9 | 41.3 | 56.6 | 56.2 | 41.7 | 38.8 | 47.1 | 46.5 | 62.4 | 38.0 | 50.2 | 82 | 23 | 37 | 36 | 37 | 36 | 36 | 72 | 80 | 52 | 51 | 64 |
| February | 29.28 | 30.02 | 29.68 | 28.78 | 50.9 | 46.7 | 57.3 | 59.0 | 47.0 | 44.2 | 49.7 | 50.5 | 63.6 | 44.1 | 53.8 | 81 | 30 | 42 | 41 | 42 | 42 | 42 | 74 | 82 | 59 | 57 | 68 |
| March | 29.21 | 29.94 | 29.67 | 28.79 | 55.3 | 50.6 | 68.6 | 69.9 | 49.6 | 47.0 | 54.7 | 54.5 | 75.1 | 47.8 | 61.4 | 90 | 33 | 43 | 43 | 41 | 40 | 42 | 67 | 77 | 47 | 37 | 55 |
| April | 29.21 | 29.93 | 29.64 | 28.76 | 64.0 | 62.5 | 74.0 | 75.5 | 61.5 | 60.9 | 66.0 | 66.0 | 78.9 | 60.4 | 69.6 | 88 | 44 | 60 | 60 | 61 | 60 | 60 | 87 | 91 | 66 | 62 | 76 |
| May | 29.20 | 29.91 | 29.48 | 28.89 | 70.7 | 68.5 | 80.1 | 81.5 | 67.7 | 66.6 | 70.5 | 70.8 | 85.2 | 66.7 | 76.0 | 93 | 54 | 66 | 66 | 66 | 66 | 66 | 86 | 91 | 63 | 61 | 75 |
| June | 29.13 | 29.84 | 29.43 | 28.88 | 77.0 | 74.0 | 88.4 | 90.3 | 72.8 | 71.6 | 74.8 | 74.6 | 94.2 | 72.6 | 83.4 | 105 | 64 | 71 | 71 | 69 | 68 | 70 | 82 | 90 | 54 | 50 | 68 |
| July | 29.31 | 30.02 | 29.49 | 29.16 | 75.5 | 73.1 | 86.3 | 85.7 | 72.5 | 71.6 | 74.4 | 74.3 | 90.6 | 71.9 | 81.2 | 96 | 65 | 71 | 71 | 69 | 69 | 70 | 87 | 93 | 58 | 61 | 75 |
| August | 29.21 | 29.92 | 29.39 | 28.35 | 77.0 | 73.5 | 87.2 | 87.8 | 73.0 | 71.9 | 74.4 | 74.1 | 92.5 | 72.9 | 82.7 | 96 | 66 | 71 | 71 | 69 | 68 | 70 | 83 | 93 | 56 | 54 | 72 |
| September | 29.27 | 29.98 | 29.59 | 29.06 | 69.9 | 67.1 | 81.5 | 80.8 | 66.6 | 65.4 | 69.5 | 69.0 | 85.9 | 65.3 | 75.6 | 93 | 41 | 64 | 64 | 63 | 62 | 64 | 84 | 90 | 55 | 55 | 71 |
| October | 29.27 | 29.99 | 29.53 | 28.89 | 64.3 | 61.5 | 75.0 | 74.0 | 61.3 | 59.4 | 64.9 | 65.2 | 80.2 | 59.0 | 69.6 | 88 | 48 | 59 | 58 | 59 | 60 | 59 | 84 | 89 | 60 | 64 | 74 |
| November | 29.33 | 30.06 | 29.85 | 28.92 | 57.9 | 54.8 | 68.3 | 67.0 | 54.7 | 52.4 | 58.9 | 58.2 | 74.7 | 51.3 | 63.0 | 86 | 32 | 52 | 50 | 51 | 51 | 51 | 81 | 84 | 57 | 58 | 70 |
| December | 29.33 | 30.07 | 29.65 | 28.83 | 48.8 | 45.7 | 62.1 | 59.8 | 45.7 | 44.0 | 53.4 | 52.0 | 68.7 | 41.4 | 55.0 | 86 | 26 | 42 | 42 | 46 | 45 | 44 | 79 | 87 | 57 | 60 | 71 |
| Year | 29.27 | 29.99 | 29.94 | 28.35 | 63.1 | 59.9 | 73.8 | 74.0 | 59.5 | 57.8 | 63.2 | 63.0 | 79.3 | 57.6 | 68.5 | 105 | 23 | 56 | 56 | 56 | 56 | 56 | 80 | 87 | 56 | 56 | 70 |

ST LOUIS, MO.
[$\phi$=38°38′ N.; $\lambda$=90°12′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.52 | 30.16 | 30.05 | 28.80 | ..... | 28.6 | 35.6 | 35.4 | ..... | 25.8 | 30.5 | 30.0 | 41.1 | 23.9 | 32.5 | 67 | −5 | .... | 20 | 22 | 20 | 21 | .... | 70 | 57 | 54 | 60 |
| February | 29.44 | 30.07 | 29.74 | 28.66 | ..... | 29.8 | 34.8 | 36.1 | ..... | 28.0 | 31.3 | 32.4 | 40.5 | 27.4 | 34.0 | 59 | 9 | .... | 25 | 26 | 26 | 26 | .... | 80 | 68 | 68 | 72 |
| March | 29.27 | 29.88 | 29.70 | 28.63 | ..... | 41.4 | 51.0 | 52.0 | ..... | 37.7 | 42.5 | 43.1 | 55.8 | 38.3 | 47.0 | 80 | 29 | .... | 33 | 33 | 32 | 33 | .... | 72 | 51 | 50 | 58 |
| April | 29.44 | 30.05 | 29.79 | 29.07 | ..... | 52.4 | 64.8 | 66.0 | ..... | 47.4 | 52.7 | 53.6 | 69.8 | 50.4 | 60.1 | 88 | 34 | .... | 42 | 42 | 42 | 42 | .... | 70 | 47 | 47 | 55 |
| May | 29.37 | 29.97 | 29.66 | 29.00 | ..... | 59.5 | 70.1 | 69.4 | ..... | 55.1 | 59.1 | 59.7 | 74.4 | 56.7 | 65.6 | 92 | 45 | .... | 52 | 51 | 53 | 52 | .... | 76 | 53 | 58 | 62 |
| June | 29.34 | 29.93 | 29.63 | 29.00 | ..... | 70.1 | 77.9 | 77.9 | ..... | 66.1 | 67.9 | 68.7 | 82.5 | 67.4 | 75.0 | 94 | 51 | .... | 64 | 63 | 64 | 64 | .... | 82 | 63 | 64 | 70 |
| July | 29.41 | 30.00 | 29.60 | 29.20 | ..... | 74.2 | 84.8 | 85.8 | ..... | 68.8 | 71.6 | 73.5 | 88.9 | 72.3 | 80.6 | 97 | 66 | .... | 66 | 65 | 68 | 66 | .... | 77 | 54 | 56 | 62 |
| August | 29.42 | 30.02 | 29.66 | 29.25 | ..... | 70.6 | 81.3 | 81.1 | ..... | 65.7 | 69.1 | 69.6 | 84.4 | 69.2 | 76.8 | 98 | 56 | .... | 63 | 63 | 64 | 63 | .... | 78 | 55 | 57 | 63 |
| September | 29.43 | 30.04 | 29.92 | 29.20 | ..... | 62.4 | 73.6 | 73.7 | ..... | 58.6 | 61.5 | 61.8 | 78.8 | 60.6 | 69.7 | 94 | 36 | .... | 56 | 53 | 53 | 54 | .... | 79 | 50 | 51 | 60 |
| October | 29.41 | 30.02 | 29.71 | 28.80 | ..... | 53.4 | 65.0 | 64.4 | ..... | 49.0 | 53.8 | 53.5 | 68.8 | 51.1 | 60.0 | 84 | 27 | .... | 45 | 44 | 44 | 44 | .... | 73 | 49 | 49 | 57 |
| November | 29.43 | 30.04 | 29.89 | 28.78 | ..... | 43.3 | 51.7 | 51.2 | ..... | 40.1 | 45.2 | 45.2 | 57.1 | 40.8 | 49.0 | 80 | 23 | .... | 38 | 38 | 38 | 37 | .... | 75 | 62 | 65 | 67 |
| December | 29.49 | 30.12 | 29.99 | 28.95 | ..... | 29.7 | 34.8 | 35.0 | ..... | 28.2 | 31.8 | 32.0 | 39.8 | 26.8 | 33.3 | 71 | 7 | .... | 25 | 27 | 27 | 26 | .... | 81 | 72 | 72 | 75 |
| Year | 29.41 | 30.02 | 30.05 | 28.63 | ..... | 51.3 | 60.4 | 60.7 | ..... | 47.5 | 51.4 | 51.9 | 65.2 | 48.7 | 57.0 | 98 | −5 | .... | 44 | 44 | 44 | 44 | .... | 76 | 57 | 58 | 63 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: San Diego, Calif., 87 feet; San Antonio, Tex., 693 feet; Salt Lake City, Utah, 4,357 feet; St. Louis, Mo., 568 feet.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

SAN DIEGO, CALIF.

Airport [$H$=87 ft.; $H_b$=28 ft.; $H_t$=20 ft.; $H_r$=16 ft.; $H_a$=55 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi* | | | | | | | | | | | | | | | | | | | | |
| January | 0.21 | .22 | 0.0 | 5.5 | 4.8 | n. | 20 | sw. | 0 | 11 | 8 | 12 | 2 | 1 | 0 | 0 | 0 | 11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 1.06 | .44 | .0 | 5.5 | 6.6 | ne. | 24 | sw. | 0 | 9 | 9 | 10 | 8 | 4 | 0 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| March | 1.91 | 1.44 | .0 | 3.9 | 6.8 | w. | 34 | sw. | 1 | 17 | 7 | 7 | 4 | 4 | 0 | 0 | 0 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 1.40 | .37 | .0 | 6.4 | 7.4 | w. | 22 | s. | 0 | 5 | 12 | 13 | 14 | 8 | 0 | 0 | 0 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | .11 | .10 | .0 | 4.4 | 7.5 | w. | 18 | w. | 0 | 14 | 11 | 6 | 2 | 1 | 0 | 0 | 0 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | .01 | .01 | .0 | 6.5 | 7.0 | s. | 16 | s. | 0 | 0 | 20 | 10 | 1 | 0 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | .00 | .00 | .0 | 4.0 | 6.8 | w. | 19 | s. | 0 | 14 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | T | T | .0 | 3.7 | 6.9 | w. | 15 | w. | 0 | 21 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| September | .00 | .00 | .0 | 3.6 | 6.5 | w. | 17 | w. | 0 | 16 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | .27 | .26 | .0 | 4.2 | 6.6 | s. | 20 | s. | 0 | 14 | 10 | 7 | 2 | 1 | 0 | 0 | 0 | 8 | 2 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 |
| November | .27 | .16 | .0 | 3.9 | 5.0 | w. | 19 | w. | 0 | 16 | 7 | 7 | 3 | 2 | 0 | 0 | 0 | 12 | 7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | .69 | .54 | .0 | 3.6 | 5.2 | n. | 26 | sw. | 0 | 16 | 10 | 5 | 6 | 4 | 0 | 0 | 0 | 9 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 5.93 | 1.44 | .0 | 4.6 | 6.4 | w. | 34 | sw. | 1 | 153 | 127 | 85 | 42 | 25 | 0 | 0 | 1 | 81 | 26 | 7 | 9 | 0 | 2 | 0 | 0 | 0 | 3 |

SALT LAKE CITY, UTAH

Airport [$H$=4,222 ft.; $H_b$=4,227 ft.; $H_t$=32 ft.; $H_r$=31 ft.; $H_a$=58 ft.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.18 | 0.32 | 12.6 | 6.8 | 5.1 | se. | 25 | s. | 0 | 6 | 11 | 14 | 9 | 8 | 16 | 9 | 0 | 24 | 9 | 13 | 14 | 20 | 0 | 0 | 31 | 8 | 0 |
| February | 1.17 | .42 | 8.4 | 6.1 | 6.9 | se. | 40 | nw. | 1 | 8 | 6 | 14 | 11 | 7 | 13 | 9 | 0 | 10 | 3 | 4 | 4 | 7 | 0 | 0 | 26 | 1 | 1 |
| March | 1.54 | .59 | 11.4 | 5.4 | 7.7 | se. | 34 | nw. | 1 | 9 | 11 | 11 | 8 | 8 | 8 | 6 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 28 | 0 | 0 |
| April | 1.33 | .53 | T | 6.6 | 10.7 | se. | 42 | se. | 4 | 2 | 19 | 9 | 8 | 7 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| May | 3.16 | 2.03 | T | 5.9 | 9.6 | se. | 43 | nw. | 4 | 9 | 9 | 13 | 12 | 8 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | .47 | .27 | .0 | 3.2 | 8.7 | se. | 30 | sw. | 0 | 17 | 11 | 2 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 |
| July | .37 | .33 | .0 | 3.1 | 9.8 | se. | 39 | sw. | 4 | 23 | 6 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 14 | 0 | 0 | 10 |
| August | .20 | .13 | .0 | 2.4 | 9.8 | se. | 33 | s. | 1 | 22 | 7 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 7 | 0 | 0 | 5 |
| September | .13 | .13 | .0 | 2.8 | 9.8 | se. | 34 | sw. | 1 | 22 | 5 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 |
| October | .57 | .17 | T | 4.3 | 8.2 | se. | 28 | s. | 0 | 16 | 2 | 13 | 7 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| November | 1.68 | .61 | 1.8 | 6.2 | 10.0 | se. | 43 | w. | 4 | 8 | 6 | 16 | 12 | 7 | 12 | 7 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 |
| December | 1.48 | .73 | 2.1 | 7.9 | 7.0 | se. | 28 | se. | 0 | 4 | 4 | 23 | 9 | 8 | 14 | 5 | 0 | 12 | 5 | 4 | 3 | 6 | 0 | 0 | 29 | 0 | 1 |
| Year | 13.28 | 2.03 | 36.3 | 5.1 | 8.6 | se. | 43 | nw. | 20 | 146 | 97 | 122 | 90 | 66 | 76 | 39 | 3 | 57 | 18 | 22 | 22 | 33 | 49 | 21 | 145 | 9 | 33 |

SAN ANTONIO, TEX.

Airport [$H$=574 ft.; $H_b$=582 ft.; $H_t$=8 ft.; $H_r$=28 ft.; $H_a$=63 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.13 | 0.08 | 0.0 | 5.6 | 8.3 | ne. | 31 | nw. | 0 | 11 | 6 | 14 | 4 | 1 | 0 | 0 | 0 | 11 | 1 | 2 | 2 | 0 | 0 | 0 | 10 | 0 | 0 |
| February | 2.01 | .97 | .0 | 7.8 | 8.9 | ne. | 30 | nw. | 0 | 4 | 4 | 20 | 11 | 9 | 0 | 0 | 0 | 15 | 6 | 2 | 3 | 0 | 0 | 0 | 2 | 0 | 1 |
| March | .29 | .20 | .0 | 5.3 | 10.3 | se. | 38 | nw. | 1 | 12 | 6 | 13 | 3 | 3 | 0 | 0 | 0 | 11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 3.48 | 1.95 | .0 | 7.3 | 10.0 | se. | 45 | n. | 1 | 4 | 7 | 19 | 8 | 6 | 0 | 0 | 0 | 10 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| May | 2.19 | .94 | .0 | 6.9 | 9.4 | se. | 31 | w. | 0 | 3 | 14 | 14 | 8 | 5 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 5 |
| June | 1.95 | .73 | .0 | 5.2 | 8.6 | se. | 34 | w. | 2 | 3 | 25 | 2 | 8 | 7 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 26 | 15 | 0 | 0 | 5 |
| July | 8.19 | 6.32 | .0 | 6.0 | 7.1 | se. | 31 | n. | 0 | 4 | 19 | 8 | 12 | 7 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 25 | 2 | 0 | 0 | 10 |
| August | 1.88 | 1.14 | .0 | 6.4 | 7.7 | se. | 63 | ne. | 1 | 2 | 20 | 9 | 5 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 27 | 2 | 0 | 0 | 3 |
| September | 7.67 | 4.80 | .0 | 6.1 | 6.4 | s. | 28 | ne. | 0 | 4 | 14 | 12 | 9 | 7 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 6 |
| October | 9.56 | 5.29 | .0 | 5.5 | 6.8 | n. | 27 | ne. | 0 | 9 | 12 | 10 | 9 | 7 | 0 | 0 | 0 | 8 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | .47 | .37 | .0 | 4.8 | 8.4 | s. | 29 | ne. | 0 | 12 | 8 | 10 | 4 | 2 | 0 | 0 | 0 | 13 | 3 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 1 |
| December | .64 | .33 | .0 | 4.8 | 6.3 | n. | 24 | ne. | 0 | 14 | 7 | 10 | 7 | 3 | 0 | 0 | 0 | 9 | 6 | 4 | 5 | 0 | 0 | 0 | 3 | 0 | 0 |
| Year | 38.46 | 6.32 | .0 | 6.0 | 8.2 | se. | 63 | ne. | 5 | 82 | 142 | 141 | 88 | 61 | 0 | 0 | 0 | 106 | 23 | 15 | 14 | 0 | 95 | 19 | 17 | 0 | 40 |

ST. LOUIS, MO.

[H=568 ft.; $H_b$=568 ft.; $H_t$=170 ft.; $H_r$=172 ft.; $H_a$=303 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.44 | 1.07 | 0.6 | 4.5 | 12.5 | nw. | 32 | w. | 1 | 15 | 5 | 11 | 6 | 4 | 6 | 2 | 0 | 3 | 3 | 1 | 1 | 9 | 0 | 0 | 18 | 4 | 0 |
| February | 2.54 | .81 | 9.3 | 6.5 | 11.5 | nw. | 30 | nw. | 0 | 6 | 9 | 13 | 12 | 9 | 15 | 8 | 0 | 7 | 4 | 1 | 0 | 5 | 0 | 0 | 23 | 0 | 3 |
| March | 1.92 | .81 | 1.8 | 6.2 | 13.7 | nw. | 44 | sw. | 5 | 8 | 8 | 15 | 13 | 8 | 6 | 3 | 0 | 9 | 1 | 1 | 1 | 0 | 0 | 0 | 6 | 0 | 2 |
| April | 2.19 | .85 | .0 | 4.3 | 13.8 | s. | 37 | sw. | 4 | 14 | 9 | 7 | 5 | 5 | 0 | 0 | 1 | 6 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 3 |
| May | 4.99 | 1.16 | .0 | 5.1 | 12.8 | sw. | 43 | sw. | 6 | 9 | 13 | 9 | 12 | 12 | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 9 |
| June | 7.24 | 2.74 | .0 | 6.5 | 9.4 | s. | 40 | se. | 3 | 5 | 13 | 12 | 16 | 13 | 0 | 0 | 0 | 15 | 2 | 1 | 1 | 0 | 9 | 0 | 0 | 0 | 17 |
| July | 7.92 | 6.94 | .0 | 4.0 | 10.3 | sw. | 35 | sw. | 1 | 16 | 12 | 3 | 11 | 7 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 17 | 6 | 0 | 0 | 10 |
| August | 3.60 | 1.74 | .0 | 4.5 | 9.4 | sw. | 24 | s. | 0 | 15 | 7 | 9 | 6 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 5 |
| September | 1.99 | .91 | .0 | 3.8 | 10.9 | sw. | 30 | sw. | 0 | 16 | 7 | 7 | 6 | 5 | 0 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 5 | 0 | 0 | 0 | 3 |
| October | 2.30 | 2.02 | .0 | 4.5 | 11.0 | sw. | 38 | sw. | 4 | 14 | 8 | 9 | 6 | 5 | 0 | 0 | 0 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| November | 4.40 | 1.59 | T | 5.8 | 14.5 | sw. | 44 | sw. | 5 | 10 | 7 | 13 | 12 | 10 | 2 | 0 | 0 | 15 | 2 | 1 | 1 | 0 | 0 | 0 | 5 | 0 | 2 |
| December | 4.61 | 2.96 | 10.2 | 7.0 | 11.3 | nw. | 30 | sw. | 0 | 6 | 9 | 16 | 13 | 8 | 10 | 6 | 0 | 13 | 5 | 4 | 3 | 7 | 0 | 0 | 21 | 0 | 0 |
| Year | 45.14 | 6.94 | 21.9 | 5.2 | 11.8 | sw. | 44 | sw. | 29 | 134 | 107 | 124 | 118 | 90 | 39 | 19 | 4 | 89 | 22 | 14 | 11 | 21 | 36 | 8 | 74 | 4 | 56 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

SANDUSKY, OHIO
[$\phi$=41° 25′ N.; $\lambda$=82° 40′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | | | 29.78 | 28.49 | | | | | | | | | 35.0 | 21.1 | 28.0 | 55 | −5 | | | | | | | | | | |
| February | | | 29.78 | 28.65 | | | | | | | | | 30.7 | 18.9 | 24.8 | 47 | 1 | | | | | | | | | | |
| March | | | 29.56 | 28.16 | | | | | | | | | 47.5 | 32.4 | 40.0 | 71 | 24 | | | | | | | | | | |
| April | | | 29.66 | 28.91 | | | | | | | | | 64.0 | 42.8 | 53.4 | 90 | 33 | | | | | | | | | | |
| May | | | 29.67 | 28.91 | | | | | | | | | 70.9 | 53.5 | 62.2 | 93 | 42 | | | | | | | | | | |
| June | | | 29.57 | 28.96 | | | | | | | | | 78.8 | 62.3 | 70.6 | 93 | 51 | | | | | | | | | | |
| July | | | 29.49 | 29.09 | | | | | | | | | 84.7 | 66.2 | 75.4 | 100 | 55 | | | | | | | | | | |
| August | | | 29.70 | 29.08 | | | | | | | | | 80.8 | 63.7 | 72.2 | 89 | 49 | | | | | | | | | | |
| September | | | 29.84 | 29.02 | | | | | | | | | 74.9 | 55.1 | 65.0 | 92 | 35 | | | | | | | | | | |
| October | | | 29.71 | 28.70 | | | | | | | | | 63.8 | 47.0 | 55.4 | 83 | 26 | | | | | | | | | | |
| November | | | 29.83 | 28.80 | | | | | | | | | 50.7 | 35.2 | 43.0 | 71 | 22 | | | | | | | | | | |
| December | | | 29.91 | 28.64 | | | | | | | | | 32.4 | 21.2 | 26.8 | 54 | 5 | | | | | | | | | | |
| Year | | | 29.91 | 28.16 | | | | | | | | | 59.5 | 43.3 | 51.4 | 100 | −5 | | | | | | | | | | |

SAN FRANCISCO, CALIF.
[$\phi$=37° 47′ N.; $\lambda$=122° 25′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.96 | 30.13 | 30.17 | 29.54 | | 48.5 | | 54.2 | | 46.1 | | 49.2 | 55.4 | 46.9 | 51.2 | 62 | 39 | | 43 | | 44 | 44 | | 83 | | 70 | 77 |
| February | 29.85 | 30.02 | 30.07 | 29.44 | | 49.7 | | 56.6 | | 46.3 | | 49.3 | 58.5 | 48.2 | 53.4 | 69 | 43 | | 42 | | 42 | 42 | | 77 | | 60 | 68 |
| March | 29.87 | 30.04 | 30.10 | 29.07 | | 50.2 | | 58.6 | | 46.0 | | 50.2 | 61.7 | 48.8 | 55.2 | 73 | 38 | | 41 | | 42 | 42 | | 74 | | 57 | 66 |
| April | 29.79 | 29.96 | 30.05 | 29.48 | | 51.9 | | 57.1 | | 48.6 | | 51.5 | 60.9 | 50.3 | 55.6 | 74 | 47 | | 45 | | 47 | 46 | | 79 | | 69 | 74 |
| May | 29.86 | 30.03 | 30.00 | 29.63 | | 52.3 | | 59.6 | | 49.4 | | 53.0 | 62.3 | 51.4 | 56.8 | 88 | 47 | | 47 | | 48 | 49 | | 82 | | 66 | 74 |
| June | 29.78 | 29.95 | 29.91 | 29.64 | | 53.5 | | 61.1 | | 51.3 | | 55.0 | 64.8 | 52.4 | 58.6 | 88 | 50 | | 49 | | 50 | 50 | | 86 | | 69 | 77 |
| July | 29.81 | 29.98 | 29.92 | 29.65 | | 55.3 | | 62.2 | | 54.2 | | 57.8 | 64.7 | 54.7 | 59.7 | 70 | 51 | | 53 | | 55 | 54 | | 94 | | 77 | 85 |
| August | 29.75 | 29.92 | 29.89 | 29.64 | | 54.9 | | 60.2 | | 53.9 | | 56.7 | 62.9 | 54.1 | 58.5 | 67 | 51 | | 53 | | 54 | 54 | | 94 | | 81 | 87 |
| September | 29.77 | 29.94 | 29.96 | 29.55 | | 56.1 | | 61.7 | | 54.3 | | 57.1 | 65.5 | 55.0 | 60.2 | 93 | 53 | | 53 | | 54 | 53 | | 89 | | 77 | 83 |
| October | 29.85 | 30.02 | 30.16 | 29.43 | | 55.2 | | 62.4 | | 53.1 | | 56.2 | 68.3 | 53.5 | 60.9 | 82 | 51 | | 51 | | 52 | 52 | | 88 | | 70 | 79 |
| November | 29.90 | 30.07 | 30.23 | 29.64 | | 52.5 | | 58.8 | | 49.1 | | 52.4 | 61.6 | 50.4 | 56.0 | 75 | 46 | | 47 | | 47 | 47 | | 83 | | 68 | 75 |
| December | 29.99 | 30.16 | 30.21 | 29.63 | | 48.9 | | 54.6 | | 47.1 | | 50.0 | 56.8 | 47.4 | 52.1 | 68 | 43 | | 45 | | 46 | 46 | | 87 | | 73 | 80 |
| Year | 29.85 | 30.02 | 30.23 | 29.07 | | 52.4 | | 58.9 | | 50.0 | | 53.2 | 62.0 | 51.1 | 56.5 | 93 | 38 | | 47 | | 48 | 48 | | 85 | | 70 | 77 |

SAN JUAN, P. R.
[$\phi$=18° 28′ N.; $\lambda$=66° 07′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.93 | 30.02 | 30.08 | 29.76 | | 75.5 | 80.2 | | | 70.6 | 72.5 | | 81.6 | 71.5 | 76.6 | 87 | 67 | | 68 | 69 | | 69 | | 79 | 69 | | 74 |
| February | 29.84 | 29.93 | 30.01 | 29.64 | | 74.3 | 80.6 | | | 69.8 | 72.0 | | 82.1 | 71.5 | 76.8 | 91 | 67 | | 68 | 68 | | 68 | | 80 | 67 | | 74 |
| March | 29.88 | 29.97 | 29.99 | 29.73 | | 77.4 | 80.8 | | | 71.9 | 73.1 | | 83.1 | 72.4 | 77.8 | 89 | 69 | | 69 | 70 | | 70 | | 77 | 70 | | 73 |
| April | 29.87 | 29.95 | 30.00 | 29.72 | | 78.4 | 81.6 | | | 72.9 | 73.3 | | 83.0 | 73.4 | 78.2 | 91 | 69 | | 70 | 70 | | 70 | | 77 | 69 | | 73 |
| May | 29.86 | 29.94 | 29.97 | 29.74 | | 80.6 | 82.4 | | | 75.1 | 75.9 | | 84.2 | 75.1 | 79.6 | 91 | 73 | | 73 | 73 | | 73 | | 78 | 75 | | 76 |
| June | 29.91 | 29.99 | 30.00 | 29.78 | | 81.6 | 82.7 | | | 76.3 | 76.7 | | 84.6 | 76.1 | 80.4 | 91 | 73 | | 74 | 74 | | 74 | | 79 | 77 | | 78 |
| July | 29.94 | 30.02 | 30.05 | 29.80 | 78.8 | 82.1 | 83.2 | 80.8 | 75.4 | 76.7 | 77.6 | 76.6 | 84.9 | 76.5 | 80.7 | 92 | 70 | 74 | 75 | 76 | 75 | 75 | 86 | 78 | 78 | 83 | 81 |
| August | 29.89 | 29.97 | 30.01 | 29.77 | 78.5 | 81.9 | 83.9 | 81.3 | 75.2 | 76.4 | 77.6 | 76.4 | 85.6 | 76.2 | 80.9 | 91 | 71 | 74 | 74 | 75 | 74 | 74 | 86 | 78 | 76 | 80 | 80 |
| September | 29.86 | 29.94 | 29.99 | 29.73 | 77.7 | 81.2 | 84.2 | 80.5 | 74.9 | 76.3 | 76.8 | 76.0 | 86.1 | 75.3 | 80.7 | 93 | 70 | 74 | 74 | 74 | 74 | 74 | 88 | 80 | 73 | 82 | 81 |
| October | 29.79 | 29.87 | 29.92 | 29.70 | 77.1 | 80.7 | 84.6 | 80.5 | 74.6 | 76.0 | 76.9 | 76.2 | 87.4 | 75.3 | 81.4 | 92 | 73 | 74 | 74 | 74 | 75 | 74 | 89 | 81 | 71 | 82 | 81 |
| November | 29.73 | 29.81 | 29.94 | 29.57 | 77.0 | 78.6 | 82.6 | 79.1 | 74.0 | 74.6 | 76.4 | 74.8 | 83.9 | 74.7 | 79.3 | 89 | 72 | 73 | 73 | 74 | 73 | 73 | 87 | 83 | 76 | 82 | 82 |
| December | 29.90 | 29.99 | 30.03 | 29.70 | 76.5 | 77.3 | 80.7 | 78.4 | 72.5 | 72.9 | 74.2 | 73.2 | 82.4 | 73.2 | 77.8 | 90 | 69 | 71 | 71 | 72 | 71 | 71 | 83 | 81 | 74 | 78 | 79 |
| Year | 29.87 | 29.95 | 30.08 | 29.57 | 77.6 | 79.1 | 82.3 | 80.1 | 74.4 | 74.1 | 75.2 | 75.5 | 84.1 | 74.3 | 79.2 | 93 | 67 | 73 | 72 | 72 | 74 | 72 | 86 | 79 | 73 | 81 | 78 |

SAULT STE. MARIE, MICH.
Airport [$\phi$=46°28′ N.; $\lambda$=84°21′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.26 | 29.96 | 29.72 | 28.45 | 13.5 | 12.2 | 17.5 | 16.5 | 12.8 | 11.4 | 16.2 | 15.5 | 22.7 | 6.3 | 14.5 | 40 | −23 | 10 | 9 | 12 | 13 | 11 | 86 | 85 | 78 | 83 | 83 |
| February | 29.38 | 30.08 | 29.81 | 28.73 | 13.1 | 10.4 | 18.5 | 17.4 | 12.0 | 9.6 | 16.8 | 16.2 | 22.1 | 7.5 | 14.8 | 34 | −15 | 8 | 6 | 12 | 12 | 10 | 80 | 83 | 72 | 79 | 78 |
| March | 29.15 | 29.84 | 29.70 | 28.17 | 26.6 | 24.0 | 32.5 | 30.2 | 25.0 | 23.0 | 29.7 | 28.5 | 35.0 | 21.3 | 28.2 | 49 | 7 | 22 | 21 | 25 | 26 | 24 | 83 | 88 | 73 | 83 | 82 |
| April | 29.38 | 30.06 | 29.77 | 28.72 | 37.8 | 36.0 | 51.4 | 46.2 | 34.8 | 33.8 | 43.6 | 41.1 | 54.5 | 33.1 | 43.8 | 82 | 20 | 31 | 31 | 35 | 35 | 33 | 75 | 81 | 56 | 66 | 70 |
| May | 29.31 | 29.98 | 29.65 | 28.74 | 44.0 | 45.4 | 57.2 | 50.7 | 42.4 | 43.4 | 51.0 | 45.7 | 59.8 | 38.4 | 49.1 | 76 | 29 | 41 | 42 | 45 | 40 | 42 | 88 | 87 | 67 | 69 | 78 |
| June | 29.31 | 29.98 | 29.63 | 29.87 | 53.2 | 55.9 | 67.5 | 64.3 | 51.2 | 53.3 | 59.5 | 57.3 | 70.7 | 48.3 | 59.5 | 83 | 40 | 49 | 51 | 54 | 52 | 52 | 88 | 85 | 64 | 66 | 76 |
| July | 29.29 | 29.96 | 29.58 | 29.00 | 56.6 | 58.6 | 70.6 | 65.4 | 54.9 | 56.3 | 61.3 | 59.4 | 73.7 | 51.7 | 62.7 | 91 | 38 | 54 | 55 | 55 | 55 | 55 | 90 | 88 | 60 | 72 | 78 |
| August | 29.33 | 30.00 | 29.61 | 28.92 | 56.5 | 57.4 | 71.4 | 65.6 | 55.1 | 56.0 | 61.9 | 59.3 | 73.9 | 52.2 | 63.0 | 90 | 38 | 54 | 55 | 56 | 55 | 55 | 90 | 92 | 60 | 70 | 78 |
| September | 29.31 | 29.98 | 29.68 | 28.70 | 51.2 | 49.1 | 60.4 | 55.3 | 50.0 | 48.3 | 53.6 | 51.8 | 63.3 | 45.3 | 54.3 | 86 | 30 | 49 | 48 | 48 | 49 | 48 | 92 | 94 | 67 | 80 | 83 |
| October | 29.26 | 29.94 | 29.81 | 28.57 | 41.6 | 40.2 | 52.1 | 45.6 | 40.5 | 39.0 | 46.9 | 43.1 | 55.0 | 36.9 | 46.0 | 69 | 25 | 39 | 38 | 42 | 40 | 40 | 91 | 90 | 69 | 82 | 83 |
| November | 29.27 | 30.00 | 29.81 | 28.43 | 30.3 | 29.3 | 35.1 | 31.6 | 29.3 | 28.3 | 32.1 | 30.2 | 38.9 | 24.2 | 31.6 | 54 | 5 | 28 | 26 | 27 | 28 | 27 | 90 | 88 | 73 | 85 | 84 |
| December | 29.31 | 30.01 | 29.96 | 28.28 | 15.8 | 14.6 | 19.3 | 18.1 | 14.9 | 14.0 | 17.9 | 17.0 | 23.0 | 9.4 | 16.2 | 33 | −15 | 12 | 12 | 14 | 14 | 13 | 84 | 89 | 79 | 83 | 84 |
| Year | 29.30 | 29.98 | 29.96 | 28.17 | 36.7 | 36.1 | 46.1 | 42.2 | 35.2 | 34.7 | 40.9 | 38.8 | 49.4 | 31.2 | 40.3 | 91 | −23 | 33 | 33 | 35 | 35 | 34 | 86 | 88 | 68 | 76 | 80 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Seattle, Wash., 125 feet; Savannah, Ga., 65 feet; Sault Ste. Marie, Mich., 614 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

SANDUSKY, OHIO

[$H$=603 ft.; $H_b$=629 ft.; $H_l$=5 ft.; $H_r$=3 ft.; $H_a$=67 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.09 | 0.51 | 2.1 | 7.2 | 10.8 | sw. | 34 | sw. | 2 | 6 | 5 | 20 | 10 | 5 | 11 | 6 | 0 | 6 | 5 | 5 | 0 | 9 | 0 | 0 | 27 | 3 | 0 |
| February | 2.70 | .97 | 11.4 | 7.2 | 9.8 | nw. | 26 | nw. | 0 | 4 | 8 | 16 | 16 | 12 | 17 | 13 | 0 | 1 | 1 | 1 | 0 | 16 | 0 | 0 | 25 | 0 | 0 |
| March | 2.34 | .69 | 3.2 | 7.9 | 11.3 | sw. | 34 | sw. | 2 | 4 | 4 | 23 | 17 | 11 | 9 | 8 | 0 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 18 | 0 | 1 |
| April | 2.70 | .94 | .2 | 5.3 | 9.6 | sw. | 27 | sw. | 0 | 10 | 9 | 11 | 8 | 8 | 1 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 3.81 | 1.44 | .0 | 6.9 | 8.6 | sw. | 24 | nw. | 0 | 5 | 9 | 17 | 14 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 7 |
| June | 4.21 | 1.59 | .0 | 6.1 | 7.4 | ne. | 20 | nw. | 0 | 3 | 19 | 8 | 11 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 8 |
| July | 4.91 | 3.14 | .0 | 4.4 | 7.6 | sw. | 24 | nw. | 0 | 12 | 14 | 5 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 0 | 0 | 10 |
| August | 3.30 | 1.06 | .0 | 5.5 | 6.9 | sw. | 30 | sw. | 0 | 7 | 13 | 11 | 11 | 8 | 0 | 0 | 0 | 3 | 2 | 2 | 2 | 0 | 0 | 6 | 0 | 0 | 6 |
| September | 2.13 | 1.32 | .0 | 5.3 | 8.4 | sw. | 23 | sw. | 0 | 10 | 7 | 13 | 12 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| October | 1.48 | .42 | T | 5.6 | 8.8 | sw. | 31 | sw. | 0 | 12 | 5 | 14 | 10 | 7 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| November | 4.05 | 1.26 | 3.0 | 7.5 | 11.1 | sw. | 30 | nw. | 0 | 4 | 6 | 20 | 14 | 10 | 7 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 11 | 0 | 0 |
| December | 2.43 | .66 | 8.9 | 7.6 | 10.4 | sw. | 35 | sw. | 1 | 6 | 4 | 21 | 16 | 11 | 18 | 10 | 0 | 2 | 2 | 2 | 2 | 14 | 0 | 0 | 27 | 0 | 0 |
| Year | 35.15 | 3.14 | 28.8 | 6.4 | 9.2 | sw. | 35 | sw. | 5 | 83 | 103 | 179 | 150 | 111 | 64 | 40 | 0 | 21 | 16 | 15 | 4 | 40 | 11 | 3 | 111 | 3 | 34 |

SAN FRANCISCO, CALIF.

[$H$=124 ft.; $H_b$=155 ft.; $H_l$=112 ft.; $H_r$=104 ft.; $H_a$=132 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 4.76 | 18.0 | 0.0 | 6.7 | 6.7 | n. | 29 | se. | 0 | 7 | 6 | 18 | 13 | 9 | 0 | 0 | 0 | 9 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 4.27 | 15.6 | .0 | 5.3 | 7.4 | w. | 23 | w. | 0 | 10 | 6 | 12 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 2.62 | 1.21 | .0 | 4.5 | 7.8 | w. | 34 | se. | 1 | 14 | 8 | 9 | 5 | 4 | 0 | 0 | 1 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 3.65 | .75 | .0 | 6.9 | 9.6 | w. | 32 | s. | 1 | 7 | 5 | 18 | 11 | 10 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 1.11 | .55 | .0 | 5.3 | 10.5 | w. | 31 | w. | 0 | 7 | 14 | 10 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | T | T | .0 | 2.5 | 11.6 | w. | 33 | w. | 2 | 20 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | .01 | .01 | .0 | 4.9 | 11.2 | w. | 29 | w. | 0 | 7 | 20 | 4 | 1 | 0 | 0 | 0 | 0 | 13 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | T | T | .0 | 6.7 | 10.6 | w. | 27 | w. | 0 | 3 | 15 | 13 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | .18 | .18 | .0 | 4.9 | 9.7 | w. | 25 | w. | 0 | 12 | 9 | 9 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| October | .95 | .51 | .0 | 4.1 | 7.3 | w. | 23 | w. | 0 | 17 | 8 | 6 | 4 | 3 | 0 | 0 | 0 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 4.45 | 2.44 | .0 | 5.7 | 6.6 | w. | 26 | w. | 0 | 8 | 12 | 10 | 12 | 8 | 0 | 0 | 1 | 11 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 2.87 | 1.21 | .0 | 6.1 | 5.9 | n. | 26 | sw. | 0 | 8 | 10 | 13 | 9 | 6 | 0 | 0 | 0 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 24.87 | 2.44 | .0 | 5.3 | 8.8 | w. | 34 | se. | 4 | 120 | 120 | 125 | 73 | 53 | 0 | 0 | 2 | 88 | 23 | 4 | 5 | 0 | 1 | 0 | 0 | 0 | 3 |

SAN JUAN, P. R.

[$H$=47 ft.; $H_b$=82 ft.; $H_l$=10 ft.; $H_r$=3 ft.; $H_a$=54 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 6.80 | 3.63 | 0.0 | 5.7 | 11.0 | e. | 34 | nw. | 1 | 3 | 21 | 7 | 21 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| February | .81 | .28 | .0 | 4.9 | 11.0 | ne. | 37 | n. | 2 | 8 | 14 | 6 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| March | 1.44 | .99 | .0 | 4.8 | 10.5 | e. | 28 | e. | 0 | 7 | 23 | 1 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 7.18 | 1.75 | .0 | 6.6 | 11.0 | e. | 30 | e. | 0 | 1 | 19 | 10 | 19 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 1 |
| May | 4.06 | 1.32 | .0 | 6.6 | 9.6 | e. | 27 | e. | 0 | 0 | 22 | 9 | 13 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 7 |
| June | 7.12 | 1.46 | .0 | 6.9 | 11.0 | e. | 27 | e. | 0 | 2 | 13 | 15 | 20 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| July | 7.45 | 2.07 | .0 | 6.5 | 13.6 | e. | 31 | e. | 0 | 0 | 21 | 10 | 23 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| August | 6.05 | 1.72 | .0 | 5.9 | 12.0 | e. | 44 | e. | 2 | 2 | 22 | 7 | 18 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 8 |
| September | 4.21 | 1.45 | .0 | 5.9 | 8.8 | e. | 28 | e. | 0 | 4 | 18 | 8 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 11 |
| October | 6.39 | 2.51 | .0 | 6.2 | 7.0 | s. | 31 | e. | 0 | 2 | 23 | 6 | 17 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 14 |
| November | 8.77 | 2.56 | .0 | 6.9 | 9.9 | ne. | 35 | e. | 1 | 2 | 15 | 13 | 21 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| December | 3.02 | .45 | .0 | 5.4 | 13.8 | e. | 30 | ne. | 0 | 2 | 27 | 2 | 18 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 63.30 | 3.63 | .0 | 6.0 | 10.8 | e. | 44 | e. | 6 | 33 | 238 | 94 | 199 | 153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 64 |

SAULT STE. MARIE, MICH.

Airport [$H$=721 ft.; $H_b$=724 ft.; $H_l$=11 ft.; $H_r$=8 ft.; $H_a$=52 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.42 | 0.31 | 13.5 | 8.3 | 11.4 | e. | 39 | nw. | 3 | 2 | 7 | 22 | 16 | 11 | 22 | 14 | 0 | 8 | 1 | 0 | 0 | 22 | 0 | 0 | 31 | 10 | 0 |
| February | .82 | .63 | 7.9 | 7.1 | 10.8 | nw. | 34 | w. | 1 | 6 | 5 | 17 | 7 | 4 | 17 | 7 | 0 | 4 | 1 | 1 | 1 | 25 | 0 | 0 | 28 | 9 | 0 |
| March | 2.99 | 1.19 | 19.5 | 7.3 | 12.7 | nw. | 50 | nw. | 5 | 5 | 7 | 19 | 16 | 13 | 21 | 15 | 0 | 15 | 3 | 3 | 2 | 10 | 0 | 0 | 29 | 0 | 0 |
| April | .90 | .26 | 2.6 | 5.1 | 11.3 | nw. | 35 | sw. | 4 | 10 | 8 | 12 | 6 | 5 | 3 | 1 | 0 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 4 |
| May | 2.46 | .48 | T | 6.9 | 11.2 | se. | 47 | sw. | 3 | 3 | 12 | 16 | 12 | 11 | 3 | 0 | 0 | 18 | 9 | 5 | 3 | 0 | 0 | 0 | 4 | 0 | 3 |
| June | 2.69 | 1.93 | .0 | 6.1 | 8.4 | se. | 26 | nw. | 0 | 10 | 5 | 15 | 10 | 7 | 0 | 0 | 0 | 14 | 6 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 2 |
| July | 1.47 | .39 | .0 | 6.4 | 9.9 | nw. | 35 | nw. | 3 | 7 | 10 | 14 | 14 | 10 | 0 | 0 | 0 | 18 | 11 | 8 | 6 | 0 | 1 | 0 | 0 | 0 | 6 |
| August | 2.53 | 1.56 | .0 | 6.5 | 9.8 | e. | 41 | w. | 3 | 7 | 8 | 16 | 7 | 5 | 0 | 0 | 0 | 22 | 5 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| September | 5.62 | 1.22 | .6 | 7.5 | 9.4 | e. | 36 | w. | 4 | 3 | 7 | 20 | 16 | 14 | 5 | 1 | 0 | 21 | 8 | 6 | 8 | 0 | 0 | 0 | 2 | 0 | 6 |
| October | 2.68 | .72 | 5.3 | 6.1 | 10.6 | e. | 37 | s. | 3 | 9 | 8 | 14 | 11 | 11 | 6 | 4 | 0 | 17 | 4 | 4 | 4 | 0 | 0 | 0 | 6 | 0 | 3 |
| November | 3.61 | .97 | 12.7 | 7.5 | 11.8 | se. | 44 | nw. | 7 | 3 | 12 | 15 | 14 | 12 | 16 | 9 | 0 | 13 | 5 | 3 | 3 | 8 | 0 | 0 | 26 | 0 | 0 |
| December | 3.11 | .63 | 33.7 | 8.6 | 12.5 | e. | 37 | nw. | 3 | 1 | 6 | 24 | 25 | 19 | 27 | 24 | 0 | 3 | 1 | 0 | 0 | 28 | 0 | 0 | 31 | 7 | 0 |
| Year | 30.30 | 1.93 | 95.8 | 7.0 | 10.8 | e. | 50 | nw. | 39 | 66 | 95 | 204 | 154 | 122 | 120 | 75 | 0 | 162 | 56 | 39 | 32 | 93 | 1 | 0 | 175 | 26 | 28 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

SAVANNAH, GA.

Airport [$\phi$=32°01′ N.; $\lambda$=81°08′ W.] City [$\phi$=32°05′ N.; $\lambda$=81°05′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | ° | ° | ° | ° | ° | ° (2) | ° (2) | ° (2) | ° (2) | ° (2) | % (2) | % (2) | % (2) | % (2) | % (2) |
| January | 30.06 | 30.14 | 30.46 | 29.54 | 45.5 | 42.2 | 58.5 | 50.3 | 42.1 | 39.9 | 48.2 | 44.9 | 61.9 | 41.3 | 51.6 | 75 | 21 | 38 | 37 | 36 | 38 | 37 | 74 | 82 | 46 | 65 | 67 |
| February | 29.95 | 30.02 | 30.40 | 29.20 | 42.6 | 40.1 | 53.0 | 48.0 | 39.8 | 37.7 | 43.9 | 42.6 | 56.7 | 39.2 | 48.0 | 70 | 28 | 36 | 34 | 31 | 35 | 34 | 78 | 78 | 46 | 63 | 66 |
| March | 29.91 | 29.98 | 30.20 | 29.08 | 53.2 | 51.5 | 67.1 | 59.2 | 49.6 | 48.5 | 54.8 | 52.1 | 69.8 | 50.5 | 60.2 | 84 | 36 | 46 | 45 | 42 | 44 | 44 | 77 | 79 | 45 | 62 | 66 |
| April | 30.03 | 30.10 | 30.30 | 29.62 | 58.3 | 58.9 | 76.6 | 66.6 | 54.8 | 54.9 | 58.9 | 58.3 | 79.3 | 57.0 | 68.1 | 93 | 44 | 52 | 52 | 44 | 52 | 50 | 80 | 78 | 34 | 61 | 63 |
| May | 29.98 | 30.04 | 30.14 | 29.74 | 66.7 | 69.4 | 81.4 | 73.3 | 64.3 | 65.1 | 67.7 | 66.7 | 83.6 | 65.8 | 74.7 | 90 | 55 | 63 | 63 | 59 | 63 | 62 | 88 | 79 | 51 | 71 | 72 |
| June | 29.91 | 29.98 | 30.11 | 29.70 | 73.6 | 76.9 | 86.7 | 80.0 | 71.7 | 73.0 | 74.6 | 74.2 | 89.6 | 72.6 | 81.1 | 96 | 69 | 71 | 71 | 70 | 72 | 71 | 91 | 83 | 59 | 76 | 77 |
| July | 29.99 | 30.06 | 30.18 | 29.76 | 76.9 | 79.1 | 92.1 | 82.8 | 73.9 | 74.3 | 77.1 | 75.5 | 94.5 | 74.9 | 84.7 | 103 | 70 | 73 | 72 | 71 | 72 | 72 | 87 | 80 | 53 | 73 | 76 |
| August | 29.99 | 30.05 | 30.18 | 29.84 | 75.2 | 75.2 | 88.4 | 80.0 | 72.2 | 72.4 | 75.0 | 73.9 | 90.2 | 73.3 | 81.8 | 96 | 63 | 71 | 71 | 69 | 71 | 71 | 86 | 86 | 56 | 76 | 76 |
| September | 29.97 | 30.03 | 30.26 | 29.69 | 72.3 | 70.5 | 84.8 | 77.2 | 69.7 | 68.1 | 71.8 | 71.5 | 88.3 | 69.3 | 78.8 | 98 | 51 | 68 | 67 | 66 | 69 | 68 | 87 | 89 | 54 | 76 | 77 |
| October | 29.95 | 30.02 | 30.28 | 29.68 | 61.7 | 59.6 | 78.8 | 69.8 | 59.3 | 57.8 | 64.1 | 63.6 | 81.3 | 59.2 | 70.3 | 87 | 44 | 58 | 56 | 55 | 60 | 57 | 87 | 89 | 45 | 72 | 73 |
| November | 30.05 | 30.13 | 30.33 | 29.70 | 55.0 | 51.5 | 70.5 | 61.4 | 51.7 | 49.0 | 57.7 | 55.6 | 73.5 | 51.1 | 62.3 | 85 | 36 | 49 | 46 | 47 | 50 | 48 | 80 | 84 | 45 | 68 | 69 |
| December | 30.05 | 30.12 | 30.50 | 29.36 | 48.4 | 45.6 | 59.4 | 53.1 | 45.9 | 43.8 | 51.7 | 49.5 | 62.4 | 43.1 | 52.8 | 78 | 27 | 43 | 42 | 44 | 46 | 43 | 82 | 86 | 60 | 77 | 76 |
| Year | 29.99 | 30.06 | 30.50 | 29.08 | 60.8 | 60.0 | 74.8 | 66.8 | 57.9 | 57.0 | 62.1 | 60.7 | 77.6 | 58.1 | 67.9 | 103 | 21 | 56 | 55 | 53 | 56 | 55 | 83 | 83 | 50 | 70 | 72 |

SCRANTON, PA.

[$\phi$=41°24′ N.; $\lambda$=75°42′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.16 | 30.06 | 29.64 | 28.44 | ---- | 23.1 | ---- | ---- | ---- | 21.5 | ---- | ---- | 34.4 | 18.3 | 26.4 | 53 | −8 | ---- | 18 | ---- | ---- | ---- | ---- | 78 | ---- | ---- | ---- |
| February | 29.00 | 29.89 | 29.48 | 28.38 | ---- | 21.6 | ---- | ---- | ---- | 19.8 | ---- | ---- | 30.5 | 17.7 | 24.1 | 45 | 1 | ---- | 15 | ---- | ---- | ---- | ---- | 72 | ---- | ---- | ---- |
| March | 29.02 | 29.85 | 29.42 | 28.01 | ---- | 35.6 | ---- | ---- | ---- | 33.4 | ---- | ---- | 47.8 | 32.4 | 40.1 | 66 | 26 | ---- | 30 | ---- | ---- | ---- | ---- | 80 | ---- | ---- | ---- |
| April | 29.18 | 30.05 | 29.43 | 28.74 | ---- | 44.3 | ---- | ---- | ---- | 40.9 | ---- | ---- | 63.5 | 41.6 | 52.6 | 86 | 28 | ---- | 37 | ---- | ---- | ---- | ---- | 77 | ---- | ---- | ---- |
| May | 29.18 | 30.03 | 29.47 | 28.87 | ---- | 57.1 | ---- | ---- | ---- | 52.7 | ---- | ---- | 73.4 | 52.7 | 63.0 | 89 | 33 | ---- | 49 | ---- | ---- | ---- | ---- | 76 | ---- | ---- | ---- |
| June | 29.12 | 29.97 | 29.47 | 28.82 | ---- | 63.0 | ---- | ---- | ---- | 59.4 | ---- | ---- | 78.6 | 58.7 | 68.6 | 87 | 50 | ---- | 57 | ---- | ---- | ---- | ---- | 81 | ---- | ---- | ---- |
| July | 29.14 | 29.98 | 29.42 | 28.81 | ---- | 66.7 | ---- | ---- | ---- | 63.3 | ---- | ---- | 82.5 | 62.9 | 72.7 | 94 | 50 | ---- | 61 | ---- | ---- | ---- | ---- | 83 | ---- | ---- | ---- |
| August | 29.21 | 30.06 | 29.56 | 28.92 | ---- | 62.8 | ---- | ---- | ---- | 59.9 | ---- | ---- | 79.4 | 59.2 | 69.3 | 90 | 44 | ---- | 58 | ---- | ---- | ---- | ---- | 85 | ---- | ---- | ---- |
| September | 29.20 | 30.06 | 29.68 | 28.76 | ---- | 56.8 | ---- | ---- | ---- | 54.1 | ---- | ---- | 74.3 | 53.0 | 63.6 | 91 | 33 | ---- | 52 | ---- | ---- | ---- | ---- | 84 | ---- | ---- | ---- |
| October | 29.20 | 30.06 | 29.72 | 28.69 | ---- | 47.5 | ---- | ---- | ---- | 45.0 | ---- | ---- | 63.5 | 44.9 | 54.2 | 74 | 32 | ---- | 42 | ---- | ---- | ---- | ---- | 83 | ---- | ---- | ---- |
| November | 29.18 | 30.06 | 29.66 | 28.60 | ---- | 37.4 | ---- | ---- | ---- | 35.2 | ---- | ---- | 50.1 | 32.8 | 41.4 | 70 | 19 | ---- | 33 | ---- | ---- | ---- | ---- | 80 | ---- | ---- | ---- |
| December | 29.15 | 30.05 | 29.87 | 27.93 | ---- | 25.0 | ---- | ---- | ---- | 23.6 | ---- | ---- | 32.9 | 20.3 | 26.6 | 49 | −10 | ---- | 20 | ---- | ---- | ---- | ---- | 81 | ---- | ---- | ---- |
| Year | 29.14 | 30.01 | 29.87 | 27.93 | ---- | 45.1 | ---- | ---- | ---- | 42.4 | ---- | ---- | 50.2 | 41.2 | 50.2 | 94 | −10 | ---- | 39 | ---- | ---- | ---- | ---- | 80 | ---- | ---- | ---- |

SEATTLE, WASH.

Airport [$\phi$=47°32′ N.; $\lambda$=122°19′ W.] City [$\phi$=47°36′ N.; $\lambda$=122°20′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 30.01 | 30.14 | 30.41 | 29.31 | 39.4 | 36.5 | 39.9 | 45.1 | 36.0 | 34.4 | 36.6 | 40.0 | 48.0 | 37.5 | 42.8 | 63 | 22 | 31 | 31 | 32 | 33 | 32 | 73 | 82 | 75 | 65 | 74 |
| February | 29.90 | 30.04 | 30.37 | 29.34 | 40.9 | 38.3 | 43.1 | 47.8 | 38.9 | 36.9 | 39.9 | 42.5 | 49.1 | 38.9 | 44.0 | 56 | 29 | 36 | 35 | 36 | 36 | 36 | 84 | 89 | 77 | 64 | 78 |
| March | 29.94 | 30.08 | 30.34 | 29.48 | 44.2 | 40.3 | 47.8 | 51.9 | 41.1 | 38.6 | 42.9 | 44.2 | 53.7 | 39.9 | 46.8 | 69 | 33 | 37 | 36 | 37 | 35 | 37 | 78 | 87 | 68 | 55 | 72 |
| April | 29.78 | 29.91 | 30.17 | 29.28 | 49.4 | 45.6 | 53.8 | 58.9 | 45.5 | 43.4 | 47.2 | 49.2 | 60.1 | 45.3 | 52.7 | 73 | 39 | 42 | 41 | 40 | 39 | 40 | 75 | 84 | 62 | 50 | 68 |
| May | 29.88 | 30.02 | 30.23 | 29.48 | 53.8 | 49.1 | 57.9 | 63.3 | 50.0 | 47.1 | 51.3 | 53.0 | 63.6 | 49.5 | 56.6 | 77 | 41 | 46 | 45 | 45 | 44 | 45 | 77 | 87 | 64 | 52 | 70 |
| June | 29.91 | 30.04 | 30.14 | 29.54 | 56.7 | 51.9 | 61.4 | 66.7 | 53.0 | 49.7 | 54.8 | 57.1 | 68.5 | 52.9 | 60.7 | 97 | 49 | 50 | 48 | 50 | 50 | 49 | 78 | 86 | 66 | 57 | 72 |
| July | 29.90 | 30.03 | 30.16 | 29.60 | 64.6 | 58.7 | 68.6 | 76.6 | 60.0 | 56.8 | 61.3 | 64.6 | 76.5 | 58.9 | 67.7 | 98 | 55 | 57 | 55 | 57 | 57 | 57 | 77 | 89 | 67 | 54 | 72 |
| August | 29.86 | 30.00 | 30.15 | 29.68 | 64.3 | 58.3 | 67.4 | 77.4 | 59.8 | 56.4 | 60.7 | 64.3 | 77.5 | 57.9 | 67.7 | 96 | 52 | 57 | 55 | 56 | 56 | 56 | 78 | 89 | 69 | 50 | 72 |
| September | 29.90 | 30.03 | 30.23 | 29.58 | 57.6 | 51.8 | 61.3 | 70.0 | 54.2 | 50.6 | 56.1 | 59.4 | 69.7 | 53.2 | 61.4 | 80 | 46 | 52 | 50 | 52 | 52 | 51 | 81 | 92 | 74 | 55 | 76 |
| October | 29.94 | 30.08 | 30.25 | 29.57 | 51.9 | 48.0 | 55.0 | 61.3 | 49.8 | 47.0 | 51.7 | 54.0 | 62.3 | 48.5 | 55.4 | 74 | 37 | 48 | 46 | 49 | 48 | 48 | 87 | 94 | 81 | 64 | 81 |
| November | 29.80 | 29.94 | 30.38 | 28.79 | 42.8 | 41.0 | 44.5 | 47.7 | 41.1 | 39.9 | 42.4 | 44.0 | 50.5 | 40.7 | 45.6 | 57 | 34 | 39 | 39 | 40 | 40 | 40 | 88 | 91 | 85 | 76 | 85 |
| December | 29.86 | 30.00 | 30.30 | 29.30 | 42.7 | 42.6 | 44.0 | 45.5 | 41.1 | 40.6 | 41.9 | 43.0 | 47.8 | 41.1 | 44.4 | 56 | 33 | 39 | 38 | 40 | 40 | 39 | 88 | 84 | 85 | 82 | 85 |
| Year | 29.89 | 30.02 | 30.41 | 28.79 | 50.7 | 46.8 | 53.7 | 59.4 | 47.5 | 45.1 | 48.9 | 51.3 | 60.6 | 47.0 | 53.8 | 98 | 22 | 44 | 43 | 44 | 44 | 44 | 80 | 88 | 73 | 60 | 75 |

SHERIDAN, WYO.

Airport [$\phi$=44°48′ N.; $\lambda$=106°57′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 26.19 | 30.23 | 26.55 | 25.77 | 19.8 | 18.1 | 27.3 | 28.3 | 18.4 | 16.8 | 24.0 | 24.0 | 36.3 | 11.9 | 24.1 | 54 | −21 | 15 | 14 | 18 | 20 | 17 | 81 | 83 | 67 | 76 | 77 |
| February | 26.04 | 30.06 | 26.30 | 25.72 | 18.8 | 16.0 | 26.3 | 26.8 | 17.6 | 14.9 | 23.2 | 24.0 | 32.6 | 11.3 | 22.0 | 49 | −11 | 15 | 12 | 18 | 19 | 16 | 84 | 85 | 69 | 71 | 77 |
| March | 26.04 | 29.99 | 26.42 | 25.56 | 29.2 | 28.1 | 38.4 | 39.9 | 26.9 | 25.9 | 32.4 | 33.2 | 44.0 | 23.9 | 34.0 | 65 | 15 | 23 | 22 | 24 | 24 | 23 | 78 | 78 | 58 | 56 | 67 |
| April | 25.99 | 29.87 | 26.44 | 25.53 | 43.1 | 38.5 | 53.2 | 55.8 | 38.5 | 35.8 | 43.1 | 44.6 | 60.2 | 35.7 | 48.0 | 80 | 28 | 33 | 33 | 32 | 32 | 32 | 70 | 80 | 52 | 47 | 62 |
| May | 26.04 | 29.92 | 26.43 | 25.64 | 45.3 | 41.0 | 55.8 | 57.0 | 42.3 | 39.1 | 47.1 | 48.0 | 60.6 | 38.8 | 49.7 | 80 | 26 | 40 | 37 | 39 | 40 | 39 | 82 | 87 | 58 | 57 | 71 |
| June | 26.07 | 29.90 | 26.52 | 25.65 | 54.3 | 49.4 | 66.2 | 67.6 | 50.1 | 46.4 | 54.7 | 55.8 | 71.6 | 47.0 | 59.3 | 86 | 37 | 46 | 43 | 46 | 47 | 46 | 76 | 81 | 50 | 49 | 64 |
| July | 26.16 | 29.95 | 26.46 | 25.83 | 64.6 | 57.4 | 79.4 | 82.7 | 55.9 | 52.8 | 60.5 | 61.7 | 87.0 | 55.6 | 71.3 | 98 | 48 | 50 | 49 | 48 | 48 | 49 | 60 | 75 | 34 | 32 | 51 |
| August | 26.12 | 29.91 | 26.46 | 25.78 | 62.6 | 55.3 | 77.3 | 80.8 | 53.2 | 49.2 | 58.2 | 59.0 | 85.3 | 53.0 | 69.2 | 99 | 45 | 46 | 44 | 44 | 43 | 44 | 56 | 67 | 33 | 29 | 46 |
| September | 26.13 | 29.97 | 26.41 | 25.82 | 53.6 | 48.7 | 63.7 | 68.1 | 47.0 | 44.1 | 51.7 | 52.5 | 72.4 | 45.0 | 58.7 | 92 | 28 | 41 | 40 | 42 | 39 | 40 | 67 | 74 | 52 | 41 | 58 |
| October | 26.15 | 30.05 | 26.54 | 25.65 | 42.8 | 40.1 | 55.7 | 53.8 | 38.8 | 36.4 | 44.4 | 43.3 | 61.5 | 35.4 | 48.4 | 86 | 20 | 34 | 32 | 33 | 34 | 33 | 74 | 74 | 47 | 52 | 62 |
| November | 26.03 | 30.00 | 26.57 | 25.25 | 27.8 | 26.7 | 37.5 | 33.3 | 25.7 | 24.3 | 32.0 | 29.5 | 44.0 | 19.5 | 31.8 | 68 | −5 | 23 | 21 | 24 | 24 | 23 | 82 | 81 | 61 | 70 | 73 |
| December | 26.03 | 30.04 | 26.48 | 25.56 | 25.1 | 22.6 | 32.2 | 29.5 | 23.5 | 21.2 | 28.5 | 26.5 | 38.9 | 17.7 | 28.3 | 58 | −4 | 21 | 19 | 23 | 22 | 21 | 84 | 85 | 67 | 74 | 77 |
| Year | 26.08 | 29.99 | 26.57 | 25.25 | 40.6 | 36.8 | 51.1 | 51.8 | 36.5 | 33.9 | 41.6 | 41.8 | 57.9 | 32.9 | 45.4 | 99 | −21 | 32 | 30 | 33 | 33 | 32 | 74 | 79 | 54 | 54 | 65 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Savannah, Ga., 65 feet; Seattle, Wash., 125 feet; Sheridan, Wyo., 3,790 feet.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

SAVANNAH, GA.

Airport [$H$=42 ft.; $H_b$=51 ft.; $H_t$=4 ft.; $H_r$=4 ft.; $H_a$=28 ft.] City [$H$=42 ft.; $H_b$=65 ft.; $H_t$=73 ft.; $H_r$=71 ft.; $H_a$=152 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | | |
| January | 3.41 | 2.60 | 0.0 | 4.9 | 10.6 | nw. | 29 | nw. | 0 | 12 | 10 | 9 | 9 | 5 | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 5 | 0 | 0 |
| February | 3.44 | .85 | .0 | 5.6 | 10.5 | nw. | 39 | nw. | 2 | 10 | 5 | 13 | 8 | 8 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 5 | 0 | 1 |
| March | 5.67 | 1.86 | .0 | 5.6 | 12.7 | sw. | 44 | s. | 3 | 9 | 11 | 11 | 12 | 9 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| April | .28 | .28 | .0 | 2.8 | 10.2 | sw. | 28 | s. | 0 | 17 | 12 | 1 | 2 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| May | 1.71 | .65 | .0 | 4.7 | 9.0 | s. | 27 | n. | 0 | 14 | 9 | 8 | 8 | 7 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | 5.21 | 1.52 | .0 | 6.3 | 9.2 | se. | 36 | sw. | 3 | 5 | 13 | 12 | 13 | 12 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 8 |
| July | 9.09 | 5.37 | .0 | 4.8 | 8.7 | w. | 32 | nw. | 2 | 13 | 11 | 7 | 13 | 11 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 27 | 13 | 0 | 0 | 12 |
| August | 2.48 | 1.40 | .0 | 4.9 | 9.0 | s. | 38 | w. | 5 | 12 | 12 | 7 | 9 | 9 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 18 | 3 | 0 | 0 | 9 |
| September | 2.37 | 1.45 | .0 | 5.6 | 7.5 | s. | 24 | nw. | 0 | 8 | 15 | 7 | 8 | 5 | 0 | 0 | 0 | 7 | 2 | 2 | 2 | 0 | 15 | 4 | 0 | 0 | 5 |
| October | .46 | .23 | .0 | 3.0 | 8.8 | n. | 26 | ne. | 0 | 19 | 10 | 2 | 3 | 3 | 0 | 0 | 1 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| November | 1.08 | .62 | .0 | 2.7 | 9.7 | ne. | 28 | nw. | 0 | 22 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 6 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| December | 3.49 | .75 | .0 | 4.8 | 11.0 | nw. | 39 | nw. | 2 | 12 | 10 | 9 | 15 | 12 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| Year | 38.69 | 5.37 | .0 | 4.6 | 9.7 | sw. | 44 | s. | 17 | 153 | 122 | 90 | 104 | 86 | 0 | 0 | 2 | 41 | 15 | 10 | 8 | 0 | 75 | 21 | 13 | 0 | 46 |

SCRANTON, PA.

[$H$=746 ft.; $H_b$=805 ft.; $H_t$=72 ft.; $H_r$=64 ft.; $H_a$=104 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.36 | 0.42 | 7.5 | 5.8 | 7.2 | sw. | 25 | nw. | 0 | 7 | 12 | 12 | 8 | 7 | 18 | 5 | 0 | 5 | 2 | 0 | 0 | 9 | 0 | 0 | 27 | 3 | 1 |
| February | 1.25 | .76 | 4.8 | 7.1 | 8.7 | nw. | 29 | nw. | 0 | 5 | 8 | 15 | 8 | 5 | 21 | 6 | 0 | 1 | 0 | 1 | 0 | 15 | 0 | 0 | 26 | 0 | 0 |
| March | 2.98 | .78 | 10.1 | 7.0 | 7.7 | nw. | 27 | nw. | 0 | 3 | 11 | 17 | 14 | 9 | 15 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 1 |
| April | 1.52 | .74 | 8.3 | 5.2 | 7.4 | nw. | 22 | nw. | 0 | 11 | 8 | 11 | 9 | 4 | 6 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| May | 6.73 | 2.92 | .0 | 5.8 | 6.5 | sw. | 27 | se. | 0 | 7 | 14 | 10 | 11 | 8 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| June | 3.71 | .88 | .0 | 6.1 | 5.6 | n. | 31 | nw. | 0 | 6 | 14 | 10 | 17 | 15 | 0 | 0 | 0 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| July | 5.08 | 1.25 | .0 | 5.7 | 5.7 | sw. | 18 | n. | 0 | 7 | 17 | 7 | 17 | 14 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 9 |
| August | 1.66 | .92 | .0 | 5.4 | 5.2 | n. | 24 | nw. | 0 | 9 | 13 | 9 | 8 | 6 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| September | 4.60 | 2.22 | .0 | 5.2 | 5.7 | n. | 29 | nw. | 0 | 9 | 13 | 8 | 7 | 7 | 0 | 0 | 0 | 5 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| October | 4.56 | 1.56 | T | 5.8 | 5.6 | n. | 19 | n. | 0 | 9 | 10 | 12 | 9 | 8 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 3.41 | 1.65 | T | 6.0 | 7.0 | sw. | 30 | nw. | 0 | 6 | 14 | 10 | 12 | 10 | 4 | 0 | 0 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 16 | 0 | 0 |
| December | 4.73 | 1.84 | 8.3 | 7.3 | 7.6 | sw. | 26 | nw. | 0 | 2 | 13 | 16 | 12 | 9 | 15 | 5 | 0 | 4 | 1 | 0 | 0 | 13 | 0 | 0 | 27 | 2 | 0 |
| Year | 41.59 | 2.92 | 39.0 | 6.0 | 6.6 | sw. | 31 | nw. | 0 | 81 | 147 | 137 | 132 | 102 | 80 | 27 | 0 | 38 | 12 | 5 | 0 | 38 | 3 | 0 | 117 | 5 | 33 |

SEATTLE, WASH.

Airport [$H$=14 ft.; $H_b$=30 ft.; $H_t$=33 ft.; $H_r$=29 ft.; $H_a$=45 ft.] City [$H$=14 ft.; $H_b$=125 ft.; $H_t$=90 ft.; $H_r$=83 ft.; $H_a$=321 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.83 | 0.73 | 1.0 | 7.4 | 6.9 | se. | 34 | s. | 1 | 5 | 5 | 21 | 13 | 11 | 3 | 2 | 0 | 9 | 5 | 1 | 1 | 0 | 0 | 0 | 7 | 0 | 0 |
| February | 2.27 | .78 | T | 7.4 | 8.0 | se. | 33 | s. | 1 | 3 | 10 | 15 | 18 | 11 | 3 | 0 | 0 | 7 | 3 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 1 |
| March | 2.09 | .70 | .0 | 7.7 | 9.7 | se. | 40 | sw. | 2 | 3 | 8 | 20 | 14 | 14 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 1.61 | .66 | .0 | 7.4 | 9.7 | s. | 42 | s. | 1 | 3 | 9 | 18 | 13 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 1.68 | .41 | .0 | 7.8 | 8.0 | s. | 26 | sw. | 0 | 2 | 10 | 19 | 16 | 12 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 2.96 | .72 | .0 | 6.8 | 9.2 | s. | 29 | sw. | 0 | 6 | 8 | 16 | 12 | 10 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| July | .57 | .26 | .0 | 5.4 | 8.7 | s. | 31 | sw. | 0 | 8 | 13 | 10 | 5 | 4 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 1 |
| August | .53 | .50 | .0 | 4.5 | 7.1 | n. | 24 | sw. | 0 | 11 | 13 | 7 | 2 | 1 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| September | .27 | .13 | .0 | 5.5 | 6.3 | n. | 21 | s. | 0 | 10 | 7 | 13 | 3 | 2 | 0 | 0 | 0 | 19 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 1.68 | .91 | .0 | 7.0 | 7.6 | s. | 34 | s. | 2 | 6 | 7 | 18 | 10 | 8 | 0 | 0 | 0 | 12 | 9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 9.40 | 2.08 | .0 | 8.5 | 10.8 | se. | 47 | sw. | 2 | 1 | 7 | 22 | 20 | 18 | 0 | 0 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 5.21 | 1.13 | T | 8.7 | 11.5 | se. | 45 | sw. | 9 | 1 | 5 | 25 | 18 | 17 | 3 | 0 | 1 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Year | 31.10 | 2.08 | 1.0 | 7.0 | 8.6 | s. | 47 | sw. | 18 | 59 | 102 | 204 | 144 | 115 | 9 | 2 | 2 | 79 | 30 | 4 | 8 | 0 | 7 | 4 | 8 | 0 | 6 |

SHERIDAN, WYO.

[$H$=3,949 ft.; $H_b$=3,968 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=38 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.30 | 0.09 | 3.5 | 5.1 | 6.6 | nw. | 35 | nw. | 2 | 12 | 8 | 11 | 8 | 4 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 31 | 7 | 0 |
| February | .43 | .18 | 5.2 | 6.8 | 7.3 | nw. | 39 | nw. | 1 | 4 | 11 | 13 | 7 | 4 | 14 | 7 | 0 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 28 | 5 | 0 |
| March | .72 | .40 | 7.4 | 6.7 | 11.2 | nw. | 43 | nw. | 6 | 5 | 10 | 16 | 9 | 3 | 15 | 8 | 0 | 2 | 2 | 1 | 1 | 5 | 0 | 0 | 31 | 0 | 0 |
| April | 1.83 | .96 | T | 7.5 | 10.1 | nw. | 36 | nw. | 6 | 4 | 7 | 19 | 10 | 9 | 5 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| May | 4.28 | 1.19 | 2.4 | 7.1 | 8.2 | nw. | 38 | nw. | 3 | 2 | 13 | 16 | 16 | 12 | 6 | 2 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 9 |
| June | 1.23 | .57 | .0 | 6.2 | 7.9 | nw. | 35 | nw. | 4 | 5 | 13 | 12 | 10 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| July | 1.09 | .37 | .0 | 4.3 | 6.9 | nw. | 45 | nw. | 8 | 10 | 18 | 3 | 9 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 11 | 2 | 0 | 0 | 17 |
| August | .12 | .05 | .0 | 4.1 | 7.6 | nw. | 36 | nw. | 5 | 14 | 13 | 4 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 8 | 3 | 0 | 0 | 9 |
| September | 1.71 | .57 | .6 | 6.3 | 9.0 | nw. | 37 | nw. | 4 | 8 | 7 | 15 | 10 | 6 | 2 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 2 |
| October | 2.02 | 1.11 | 1.8 | 5.6 | 7.7 | nw. | 49 | nw. | 7 | 11 | 8 | 12 | 11 | 6 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 |
| November | 2.23 | .86 | 24.0 | 7.1 | 7.9 | nw. | 47 | sw. | 5 | 4 | 8 | 18 | 11 | 7 | 14 | 10 | 0 | 3 | 2 | 2 | 2 | 6 | 0 | 0 | 29 | 1 | 0 |
| December | .55 | .24 | 5.1 | 8.1 | 6.4 | nw. | 34 | nw. | 1 | 1 | 6 | 24 | 8 | 5 | 10 | 6 | 0 | 2 | 2 | 2 | 1 | 9 | 0 | 0 | 29 | 2 | 0 |
| Year | 16.51 | 1.19 | 50.0 | 6.2 | 8.1 | nw. | 9 | nw. | 52 | 80 | 122 | 163 | 115 | 70 | 80 | 44 | 7 | 22 | 8 | 6 | 4 | 43 | 21 | 5 | 174 | 15 | 48 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

SHREVEPORT, LA.
Airport [$\phi$=32°33′ N.; $\lambda$=93°46′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulk: 1:30 a. m. | Wet bulk: 7:30 a. m. | Wet bulk: 1:30 p. m. | Wet bulk: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. (1) | In. | In. (1) | In. (1) | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.94 | 30.22 | 30.38 | 29.32 | 41.4 | 37.8 | 50.3 | 48.7 | 38.1 | 36.0 | 43.3 | 41.7 | 56.0 | 33.8 | 44.9 | 77 | 15 | 34 | 34 | 35 | 34 | 34 | 75 | 85 | 60 | 58 | 69 |
| February | 29.78 | 30.06 | 30.16 | 29.18 | 45.2 | 40.6 | 51.2 | 51.4 | 41.9 | 38.5 | 44.8 | 45.1 | 56.4 | 38.3 | 47.4 | 72 | 27 | 38 | 35 | 37 | 38 | 37 | 76 | 82 | 60 | 60 | 70 |
| March | 29.68 | 29.94 | 30.15 | 29.28 | 53.2 | 48.8 | 63.4 | 62.3 | 48.7 | 46.1 | 52.9 | 52.4 | 68.1 | 46.3 | 57.2 | 85 | 32 | 44 | 43 | 43 | 42 | 43 | 73 | 81 | 50 | 52 | 64 |
| April | 29.74 | 30.01 | 30.12 | 29.26 | 62.3 | 58.9 | 72.1 | 72.0 | 58.3 | 56.7 | 62.3 | 62.0 | 77.0 | 57.3 | 67.2 | 89 | 37 | 55 | 55 | 56 | 55 | 55 | 79 | 87 | 59 | 58 | 71 |
| May | 29.71 | 29.98 | 29.97 | 29.42 | 68.1 | 65.6 | 77.7 | 77.2 | 64.7 | 63.0 | 66.9 | 67.1 | 82.2 | 63.0 | 72.6 | 95 | 52 | 63 | 62 | 61 | 61 | 62 | 84 | 87 | 58 | 60 | 72 |
| June | 29.63 | 29.90 | 29.88 | 29.36 | 75.6 | 74.4 | 86.7 | 84.7 | 72.3 | 72.1 | 75.0 | 74.6 | 90.9 | 71.7 | 81.3 | 98 | 66 | 71 | 71 | 70 | 70 | 71 | 86 | 90 | 59 | 64 | 75 |
| July | 29.79 | 30.05 | 29.97 | 29.62 | 77.0 | 74.8 | 90.2 | 88.2 | 73.1 | 72.4 | 75.3 | 74.2 | 94.5 | 73.3 | 83.9 | 101 | 66 | 72 | 71 | 69 | 70 | 70 | 83 | 89 | 50 | 56 | 70 |
| August | 29.72 | 29.98 | 29.88 | 29.60 | 77.4 | 74.8 | 87.4 | 86.1 | 73.6 | 72.8 | 76.1 | 75.8 | 91.5 | 73.8 | 82.6 | 101 | 68 | 72 | 72 | 72 | 72 | 72 | 84 | 91 | 61 | 64 | 75 |
| September | 29.75 | 30.02 | 30.12 | 29.51 | 69.5 | 66.9 | 81.4 | 77.6 | 66.9 | 65.0 | 70.7 | 69.7 | 84.6 | 65.0 | 74.8 | 92 | 43 | 65 | 64 | 65 | 66 | 65 | 88 | 90 | 59 | 68 | 76 |
| October | 29.75 | 30.01 | 30.03 | 29.30 | 60.8 | 57.0 | 75.5 | 70.5 | 57.8 | 55.0 | 62.8 | 61.8 | 79.4 | 54.3 | 66.8 | 87 | 35 | 56 | 53 | 54 | 56 | 55 | 84 | 88 | 50 | 61 | 71 |
| November | 29.82 | 30.08 | 30.30 | 29.28 | 56.8 | 52.5 | 67.2 | 63.0 | 52.9 | 49.7 | 57.7 | 56.0 | 71.8 | 49.3 | 60.6 | 84 | 30 | 49 | 47 | 50 | 50 | 49 | 77 | 82 | 56 | 64 | 70 |
| December | 29.82 | 30.09 | 30.19 | 29.23 | 45.9 | 43.0 | 54.0 | 50.8 | 43.8 | 41.9 | 48.5 | 46.6 | 58.2 | 38.5 | 48.4 | 79 | 29 | 42 | 41 | 43 | 42 | 42 | 85 | 92 | 69 | 74 | 80 |
| Year | 29.76 | 30.03 | 30.38 | 29.18 | 61.1 | 57.9 | 71.4 | 69.4 | 57.7 | 55.8 | 61.4 | 60.6 | 75.9 | 55.4 | 65.6 | 101 | 15 | 55 | 54 | 55 | 55 | 55 | 81 | 87 | 58 | 62 | 72 |

SIOUX CITY, IOWA
Airport [$\phi$=42° 23′ N.; $\lambda$=96° 22′ W.]

| Month | Station level | Sea level | Station level: Maximum | Station level: Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 28.89 | 30.16 | (1) 29.44 | (1) 28.38 | 19.7 | 16.7 | 26.3 | 25.6 | 18.6 | 15.7 | 23.5 | 23.4 | 32.5 | 12.0 | 22.2 | 56 | −24 | 16 | 13 | 18 | 19 | 16 | 84 | 85 | 70 | 76 | 79 |
| February | 28.85 | 30.12 | 29.07 | 28.40 | 20.8 | 17.2 | 25.3 | 25.5 | 20.0 | 16.7 | 23.4 | 23.9 | 29.9 | 13.4 | 21.6 | 43 | −10 | 18 | 15 | 19 | 20 | 18 | 88 | 90 | 76 | 79 | 83 |
| March | 28.64 | 29.88 | 29.19 | 28.13 | 33.4 | 30.8 | 40.2 | 40.6 | 31.8 | 29.4 | 35.8 | 36.2 | 45.5 | 28.4 | 37.0 | 71 | 17 | 30 | 27 | 30 | 30 | 29 | 85 | 86 | 68 | 68 | 77 |
| April | 28.75 | 29.97 | 29.22 | 28.17 | 48.6 | 43.6 | 62.2 | 62.1 | 43.5 | 40.8 | 50.6 | 50.5 | 67.5 | 39.8 | 53.6 | 87 | 22 | 38 | 38 | 39 | 40 | 39 | 68 | 80 | 45 | 46 | 60 |
| May | 28.70 | 29.90 | 29.11 | 27.98 | 53.6 | 51.1 | 64.5 | 65.2 | 50.4 | 48.6 | 55.1 | 55.8 | 69.7 | 47.0 | 58.4 | 94 | 29 | 48 | 46 | 48 | 48 | 48 | 80 | 84 | 57 | 57 | 70 |
| June | 28.71 | 29.90 | 29.02 | 28.35 | 64.2 | 62.5 | 75.2 | 76.2 | 61.0 | 60.0 | 65.1 | 66.0 | 79.8 | 59.5 | 69.6 | 94 | 45 | 59 | 58 | 59 | 60 | 59 | 83 | 86 | 59 | 59 | 72 |
| July | 28.75 | 29.94 | 29.06 | 28.48 | 70.1 | 66.3 | 82.9 | 83.9 | 65.3 | 63.3 | 69.6 | 69.9 | 88.1 | 63.9 | 76.0 | 105 | 50 | 63 | 62 | 63 | 63 | 62 | 78 | 86 | 52 | 51 | 67 |
| August | 28.75 | 29.94 | 29.06 | 28.50 | 68.8 | 64.6 | 80.8 | 80.1 | 64.5 | 61.7 | 69.0 | 69.2 | 85.4 | 62.2 | 73.8 | 98 | 50 | 62 | 60 | 63 | 64 | 62 | 80 | 86 | 56 | 59 | 70 |
| September | 28.79 | 30.00 | 29.22 | 28.41 | 55.2 | 52.4 | 65.9 | 63.7 | 53.0 | 50.9 | 57.8 | 57.5 | 70.1 | 49.3 | 59.7 | 93 | 25 | 51 | 49 | 52 | 53 | 51 | 86 | 89 | 62 | 69 | 77 |
| October | 28.78 | 30.00 | 29.16 | 28.20 | 47.5 | 42.1 | 60.9 | 56.8 | 42.8 | 39.3 | 49.9 | 47.7 | 65.3 | 40.0 | 52.6 | 85 | 17 | 38 | 36 | 40 | 39 | 38 | 69 | 78 | 47 | 53 | 62 |
| November | 28.75 | 30.00 | 29.26 | 28.02 | 33.1 | 30.0 | 42.6 | 40.2 | 30.2 | 28.2 | 36.9 | 34.9 | 48.9 | 23.4 | 36.2 | 68 | 0 | 26 | 25 | 29 | 28 | 27 | 74 | 81 | 61 | 62 | 69 |
| December | 28.86 | 30.13 | 29.38 | 28.37 | 19.0 | 18.6 | 23.5 | 21.7 | 18.1 | 17.7 | 21.7 | 20.6 | 28.7 | 10.9 | 19.8 | 46 | −7 | 16 | 15 | 18 | 18 | 17 | 86 | 85 | 77 | 85 | 83 |
| Year | 28.77 | 30.00 | 29.44 | 27.98 | 44.5 | 41.3 | 54.2 | 53.5 | 41.6 | 39.4 | 46.5 | 46.3 | 59.3 | 37.5 | 48.4 | 105 | −24 | 39 | 37 | 40 | 40 | 39 | 80 | 85 | 61 | 64 | 72 |

SPOKANE, WASH.
Airport [$\phi$=47°40′ N.; $\lambda$=117°29′ W.]

| Month | Station level | Sea level | Station level: Maximum | Station level: Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 28.22 | 30.35 | (1) 28.61 | (1) 27.70 | 21.2 | 19.9 | 24.3 | 27.4 | 20.7 | 19.4 | 23.2 | 25.9 | 29.8 | 15.5 | 22.6 | 48 | −7 | 20 | 18 | 21 | 23 | 21 | 93 | 93 | 87 | 83 | 89 |
| February | 27.99 | 30.08 | 28.31 | 27.54 | 29.3 | 27.6 | 32.5 | 36.7 | 28.1 | 26.6 | 30.0 | 32.9 | 38.1 | 23.9 | 31.0 | 48 | 2 | 26 | 25 | 26 | 27 | 26 | 86 | 89 | 76 | 69 | 80 |
| March | 27.98 | 30.05 | 28.32 | 27.50 | 35.5 | 31.9 | 42.7 | 48.9 | 32.1 | 29.8 | 36.4 | 39.2 | 50.7 | 28.6 | 39.6 | 70 | 21 | 27 | 27 | 28 | 27 | 27 | 72 | 81 | 58 | 44 | 64 |
| April | 27.83 | 29.87 | 28.25 | 27.42 | 45.5 | 38.8 | 54.2 | 61.2 | 41.1 | 36.6 | 45.4 | 47.7 | 62.6 | 37.0 | 49.8 | 83 | 28 | 36 | 34 | 37 | 34 | 35 | 71 | 83 | 53 | 38 | 61 |
| May | 27.92 | 29.95 | 28.28 | 27.58 | 50.1 | 44.3 | 56.5 | 61.5 | 46.6 | 42.6 | 49.2 | 50.2 | 63.7 | 42.3 | 53.0 | 83 | 32 | 43 | 41 | 43 | 40 | 42 | 79 | 89 | 62 | 48 | 69 |
| June | 27.93 | 29.95 | 28.25 | 27.55 | 55.7 | 50.0 | 63.6 | 69.3 | 51.1 | 47.6 | 53.9 | 55.3 | 71.3 | 47.9 | 59.6 | 92 | 40 | 48 | 46 | 46 | 45 | 46 | 74 | 85 | 55 | 43 | 65 |
| July | 27.96 | 29.95 | 28.19 | 27.75 | 67.0 | 58.3 | 76.3 | 84.5 | 58.3 | 54.0 | 60.7 | 62.1 | 85.7 | 56.6 | 71.2 | 98 | 46 | 53 | 51 | 51 | 48 | 50 | 61 | 78 | 42 | 30 | 53 |
| August | 27.91 | 29.90 | 28.16 | 27.64 | 66.7 | 57.2 | 76.1 | 85.5 | 55.3 | 51.5 | 60.0 | 60.6 | 86.4 | 54.3 | 70.4 | 101 | 40 | 47 | 47 | 50 | 43 | 47 | 51 | 70 | 40 | 24 | 46 |
| September | 27.95 | 29.96 | 28.32 | 27.66 | 56.9 | 49.2 | 67.4 | 76.6 | 49.0 | 45.0 | 53.9 | 58.3 | 77.9 | 45.8 | 61.8 | 90 | 32 | 42 | 41 | 43 | 40 | 42 | 57 | 74 | 42 | 28 | 50 |
| October | 28.02 | 30.07 | 28.43 | 27.57 | 46.2 | 40.8 | 53.4 | 61.0 | 42.7 | 39.1 | 46.4 | 49.2 | 63.5 | 37.2 | 50.4 | 79 | 26 | 39 | 37 | 40 | 38 | 39 | 77 | 87 | 60 | 45 | 67 |
| November | 27.93 | 30.00 | 28.53 | 27.08 | 34.3 | 33.0 | 36.2 | 38.3 | 32.9 | 31.8 | 34.2 | 35.6 | 40.7 | 29.4 | 35.0 | 53 | 12 | 31 | 30 | 32 | 32 | 31 | 88 | 89 | 83 | 79 | 85 |
| December | 27.97 | 30.05 | 28.36 | 27.48 | 32.1 | 31.2 | 33.4 | 34.1 | 31.2 | 30.1 | 31.9 | 32.8 | 36.9 | 28.0 | 32.4 | 45 | 16 | 30 | 29 | 30 | 31 | 30 | 91 | 90 | 86 | 88 | 89 |
| Year | 27.97 | 30.02 | 28.61 | 27.08 | 45.0 | 40.2 | 51.4 | 57.1 | 40.8 | 37.8 | 43.8 | 45.6 | 58.9 | 37.2 | 48.1 | 101 | −7 | 37 | 36 | 37 | 36 | 36 | 75 | 84 | 62 | 52 | 68 |

SPRINGFIELD, ILL.
Airport [$\phi$=39°45′ N.; $\lambda$=89°41′ W.] City [$\phi$=39° 48′ N.; $\lambda$=89° 39′ W.]

| Month | Station level | Sea level | Station level: Maximum | Station level: Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | (1) 29.42 | 30.13 | (1) 29.97 | (1) 28.65 | (2) 23.8 | (2) 21.7 | (2) 33.7 | (2) 27.6 | (2) 22.6 | (2) 20.9 | (2) 30.1 | (2) 25.5 | 37.5 | 20.6 | 29.0 | 57 | −6 | (2) 20 | (2) 19 | (2) 24 | (2) 21 | (2) 21 | (2) 86 | (2) 90 | (2) 66 | (2) 76 | (2) 79 |
| February | 29.36 | 30.07 | 29.68 | 28.55 | 27.1 | 25.5 | 31.0 | 29.5 | 26.0 | 24.5 | 28.9 | 28.1 | 35.5 | 24.3 | 29.9 | 50 | 8 | 24 | 22 | 25 | 25 | 24 | 86 | 87 | 77 | 83 | 83 |
| March | 29.18 | 29.88 | 29.58 | 28.44 | 38.5 | 36.2 | 47.8 | 45.2 | 36.4 | 34.7 | 41.7 | 40.8 | 52.6 | 36.2 | 44.4 | 77 | 28 | 34 | 33 | 35 | 36 | 34 | 84 | 88 | 63 | 71 | 76 |
| April | 29.38 | 30.06 | 29.72 | 28.98 | 50.0 | 46.5 | 64.0 | 61.9 | 46.5 | 44.0 | 53.3 | 53.1 | 69.2 | 47.5 | 58.4 | 88 | 33 | 43 | 41 | 44 | 46 | 44 | 78 | 83 | 52 | 58 | 68 |
| May | 29.29 | 29.97 | 29.60 | 28.91 | 57.3 | 56.6 | 68.9 | 66.4 | 54.3 | 53.9 | 59.8 | 58.6 | 74.0 | 55.0 | 64.5 | 94 | 42 | 52 | 52 | 54 | 53 | 53 | 84 | 85 | 61 | 64 | 74 |
| June | 29.27 | 29.94 | 29.50 | 28.91 | 66.3 | 66.7 | 78.2 | 75.9 | 64.5 | 64.8 | 69.0 | 68.5 | 82.4 | 65.4 | 73.9 | 96 | 50 | 63 | 64 | 64 | 65 | 64 | 91 | 90 | 65 | 70 | 79 |
| July | 29.33 | 30.00 | 29.54 | 29.12 | 70.2 | 69.0 | 82.3 | 81.7 | 68.2 | 67.2 | 71.9 | 73.1 | 88.2 | 69.5 | 78.8 | 98 | 58 | 67 | 66 | 67 | 69 | 68 | 91 | 92 | 61 | 67 | 78 |
| August | 29.34 | 30.02 | 29.60 | 29.15 | 66.9 | 64.3 | 80.1 | 77.6 | 64.9 | 63.0 | 69.3 | 69.8 | 84.8 | 66.2 | 75.5 | 98 | 51 | 64 | 62 | 64 | 66 | 64 | 90 | 93 | 60 | 68 | 78 |
| September | 29.36 | 30.04 | 29.86 | 29.10 | 59.9 | 57.0 | 72.5 | 67.9 | 57.5 | 55.3 | 61.8 | 61.0 | 77.0 | 58.1 | 67.6 | 95 | 35 | 56 | 54 | 55 | 57 | 55 | 87 | 89 | 56 | 69 | 75 |
| October | 29.33 | 30.02 | 29.63 | 28.68 | 49.4 | 46.1 | 63.7 | 56.4 | 46.8 | 44.6 | 53.0 | 49.7 | 67.3 | 47.6 | 57.4 | 84 | 24 | 44 | 43 | 44 | 44 | 44 | 83 | 89 | 51 | 63 | 72 |
| November | 29.34 | 30.04 | 29.80 | 28.69 | 40.1 | 38.3 | 48.8 | 44.9 | 38.4 | 36.8 | 43.7 | 41.9 | 53.3 | 37.3 | 45.3 | 76 | 21 | 36 | 35 | 38 | 39 | 37 | 86 | 87 | 69 | 79 | 80 |
| December | 29.40 | 30.12 | 29.92 | 28.91 | 24.1 | 23.0 | 29.8 | 27.2 | 23.5 | 22.5 | 28.4 | 26.3 | 34.6 | 21.3 | 28.0 | 67 | 5 | 22 | 21 | 26 | 24 | 24 | 92 | 93 | 84 | 89 | 89 |
| Year | 29.33 | 30.02 | 29.97 | 28.44 | 47.8 | 45.9 | 58.4 | 55.2 | 45.8 | 44.4 | 50.9 | 49.7 | 63.0 | 45.8 | 54.4 | 98 | −6 | 44 | 43 | 45 | 45 | 44 | 86 | 89 | 64 | 71 | 78 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Shreveport, La., 249 feet; Sioux City, Iowa, 1,138 feet; Spokane, Wash., 1,929 feet; Springfield, Ill., 636 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

SHREVEPORT, LA.

Airport [$H$=174 ft.; $H_b$=181 ft.; $H_l$=6 ft.; $H_r$=3 ft.; $H_a$=64 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Ins.* | *In.* | *In.* | | *Mi.* | | *Mi* | | | | | | | | | | | | | | | | | | | | |
| January | 1.12 | 0.76 | T | 4.7 | 11.9 | nw. | 40 | w. | 1 | 16 | 4 | 11 | 5 | 4 | 3 | 0 | 1 | 6 | 1 | 1 | 1 | 4 | 0 | 0 | 13 | 0 | 2 |
| February | 1.34 | .53 | 0.0 | 7.0 | 12.1 | se. | 36 | nw. | 2 | 6 | 4 | 18 | 6 | 6 | 0 | 0 | 0 | 9 | 2 | 1 | 2 | 0 | 0 | 0 | 9 | 0 | 2 |
| March | 3.02 | .93 | T | 5.3 | 12.3 | s. | 36 | nw. | 1 | 14 | 4 | 13 | 9 | 7 | 3 | 0 | 0 | 7 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| April | 10.34 | 5.71 | .0 | 6.5 | 11.0 | se. | 34 | se. | 1 | 5 | 11 | 14 | 10 | 9 | 0 | 0 | 1 | 10 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 8 |
| May | 8.00 | 4.91 | .0 | 5.6 | 9.8 | s. | 33 | se. | 1 | 10 | 9 | 12 | 6 | 5 | 0 | 0 | 1 | 5 | 3 | 2 | 2 | 0 | 5 | 0 | 0 | | 6 |
| June | 6.04 | 2.66 | .0 | 6.4 | 8.7 | s. | 35 | s. | 1 | 5 | 12 | 13 | 14 | 11 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 19 | 7 | 0 | 0 | 13 |
| July | .56 | .33 | .0 | 4.7 | 7.3 | sw. | 34 | e. | 1 | 11 | 16 | 4 | 5 | 4 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 26 | 19 | 0 | 0 | 6 |
| August | 7.99 | 3.00 | .0 | 6.2 | 8.4 | se. | 33 | se. | 1 | 7 | 12 | 12 | 15 | 11 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 17 | 9 | 0 | 0 | 12 |
| September | 2.80 | 1.35 | .0 | 5.3 | 7.2 | se. | 29 | nw. | 0 | 10 | 9 | 11 | 6 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 4 |
| October | 1.34 | 1.31 | .0 | 4.7 | 7.4 | se. | 29 | s. | 0 | 14 | 5 | 12 | 4 | 1 | 0 | 0 | 0 | 11 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 1 |
| November | .62 | .29 | .0 | 5.0 | 10.8 | se. | 29 | s. | 0 | 13 | 7 | 10 | 7 | 5 | 0 | 0 | 0 | 7 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 2 |
| December | 2.06 | 1.03 | T | 6.6 | 9.8 | se. | 34 | nw. | 1 | 9 | 4 | 18 | 11 | 9 | 2 | 0 | 0 | 16 | 7 | 7 | 7 | 0 | 0 | 0 | 4 | 0 | 2 |
| Year | 45.23 | 5.71 | T | 5.7 | 9.7 | se. | 40 | w. | 10 | 120 | 97 | 148 | 98 | 76 | 8 | 0 | 3 | 86 | 22 | 17 | 20 | 4 | 75 | 35 | 29 | 0 | 61 |

SIOUX CITY, IOWA

Airport [$H$=1,096 ft.; $H_b$=1,101 ft.; $H_l$=5 ft.; $H_r$=3 ft.; $H_a$=40 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.49 | 0.50 | 5.3 | 4.3 | 10.0 | nw. | 32 | nw. | 1 | 14 | 9 | 8 | 1 | 1 | 7 | 1 | 0 | 6 | 2 | 1 | 0 | 10 | 0 | 0 | 30 | 10 | 0 |
| February | .50 | .25 | 5.8 | 7.5 | 9.4 | nw. | 30 | w. | 0 | 3 | 6 | 19 | 8 | 4 | 15 | 7 | 0 | 15 | 4 | 3 | 3 | 18 | 0 | 0 | 28 | 3 | 0 |
| March | 2.33 | 1.55 | 1.9 | 7.3 | 13.0 | nw. | 36 | nw. | 7 | 5 | 7 | 19 | 11 | 7 | 11 | 7 | 1 | 11 | 2 | 2 | 1 | 2 | 0 | 0 | 24 | 0 | 3 |
| April | .45 | .16 | .0 | 6.0 | 12.1 | se. | 47 | s. | 2 | 7 | 10 | 13 | 6 | 3 | 0 | 0 | 1 | 7 | 0 | 2 | 1 | 0 | 0 | 0 | 7 | 0 | 3 |
| May | 1.62 | .70 | .0 | 6.9 | 11.7 | e. | 36 | s. | 1 | 5 | 8 | 18 | 10 | 8 | 0 | 0 | 1 | 13 | 1 | 0 | 0 | 0 | 4 | 0 | 3 | 0 | 6 |
| June | 4.83 | 1.43 | .0 | 6.4 | 9.0 | se. | 26 | w. | 0 | 6 | 11 | 13 | 15 | 9 | 0 | 0 | 2 | 12 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 12 |
| July | 1.66 | .75 | .0 | 4.8 | 7.6 | se. | 30 | w. | 0 | 9 | 15 | 7 | 10 | 6 | 0 | 0 | 0 | 6 | 2 | 1 | 3 | 0 | 11 | 4 | 0 | 0 | 13 |
| August | 1.56 | .95 | .0 | 4.3 | 7.9 | se. | 25 | s. | 0 | 12 | 15 | 4 | 4 | 4 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 9 |
| September | 4.01 | 1.32 | T | 6.3 | 8.5 | se. | 41 | se. | 2 | 8 | 5 | 17 | 9 | 6 | 1 | 0 | 1 | 14 | 3 | 3 | 1 | 0 | 4 | 0 | 3 | 0 | 5 |
| October | .58 | .25 | T | 3.9 | 9.2 | nw. | 38 | nw. | 2 | 18 | 6 | 7 | 6 | 4 | 2 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 |
| November | .43 | .18 | 3.1 | 6.6 | 11.5 | nw. | 36 | nw. | 4 | 7 | 7 | 16 | 4 | 3 | 6 | 2 | 0 | 5 | 2 | 2 | 1 | 3 | 0 | 0 | 26 | 1 | 0 |
| December | .82 | .57 | 2.2 | 7.3 | 9.5 | nw. | 32 | nw. | 1 | 6 | 6 | 19 | 7 | 2 | 12 | 5 | 0 | 16 | 4 | 4 | 1 | 19 | 0 | 0 | 31 | 7 | 0 |
| Year | 19.28 | 1.55 | 18.3 | 6.0 | 9.9 | nw. | 47 | s. | 20 | 100 | 105 | 160 | 91 | 57 | 54 | 22 | 6 | 118 | 24 | 18 | 11 | 52 | 28 | 7 | 159 | 21 | 52 |

SPOKANE, WASH.

Airport [$H$=1,955 ft.; $H_b$=1,968 ft.; $H_l$=6 ft.; $H_r$=3 ft.; $H_a$=49 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.24 | 0.41 | 4.9 | 7.6 | 3.8 | e. | 18 | sw. | 0 | 5 | 6 | 20 | 11 | 7 | 13 | 4 | 0 | 21 | 8 | 7 | 6 | 17 | 0 | 0 | 29 | 5 | 0 |
| February | 1.30 | .30 | 7.9 | 8.0 | 5.0 | ne. | 21 | e. | 0 | 1 | 8 | 19 | 14 | 12 | 14 | 9 | 0 | 13 | 3 | 3 | 3 | 4 | 0 | 0 | 22 | 0 | 0 |
| March | .48 | .31 | 1.3 | 6.9 | 7.4 | ne. | 42 | sw. | 1 | 6 | 10 | 15 | 6 | 2 | 10 | 3 | 0 | 6 | 2 | 2 | 1 | 0 | 0 | 0 | 25 | 0 | 0 |
| April | .98 | .29 | T | 6.9 | 7.9 | s. | 29 | sw. | 0 | 5 | 7 | 18 | 9 | 6 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| May | 3.19 | .91 | T | 7.8 | 6.8 | s. | 26 | nw. | 0 | 3 | 6 | 22 | 17 | 11 | 1 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 |
| June | .93 | .58 | .0 | 6.5 | 7.5 | s. | 26 | sw. | 0 | 5 | 12 | 13 | 12 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 |
| July | .34 | .23 | .0 | 3.7 | 7.2 | n. | 27 | w. | 0 | 16 | 9 | 6 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 4 | 0 | 0 | 5 |
| August | .08 | .03 | .0 | 2.7 | 6.7 | n. | 26 | n. | 0 | 22 | 7 | 2 | 4 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 15 | 6 | 0 | 0 | 1 |
| September | .22 | .14 | .0 | 3.8 | 6.0 | n. | 26 | n. | 0 | 15 | 9 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 1.12 | .50 | .0 | 5.5 | 6.2 | ne. | 28 | sw. | 0 | 10 | 9 | 12 | 8 | 6 | 0 | 0 | 0 | 7 | 4 | 3 | 2 | 0 | 0 | 0 | 7 | 0 | 1 |
| November | 2.69 | .55 | 7.2 | 9.3 | 6.7 | sw. | 34 | sw. | 1 | 0 | 4 | 26 | 17 | 15 | 16 | 11 | 0 | 19 | 9 | 6 | 4 | 0 | 0 | | 22 | 0 | 0 |
| December | 1.70 | .45 | 10.6 | 9.4 | 5.9 | sw. | 30 | s. | 0 | 1 | 1 | 29 | 19 | 12 | 14 | 10 | 0 | 20 | 11 | 10 | 5 | 6 | 0 | 0 | 25 | 0 | 0 |
| Year | 14.27 | 0.91 | 31.9 | 6.5 | 6.4 | ne. | 42 | sw. | 2 | 89 | 88 | 188 | 124 | 79 | 69 | 37 | 2 | 94 | 38 | 32 | 22 | 27 | 27 | 10 | 135 | 5 | 15 |

SPRINGFIELD, ILL.

Airport [$H$=602 ft.; $H_b$=613 ft.; $H_l$=6 ft.; $H_r$=3 ft.; $H_a$=56 ft.] City [$H$=598 ft.; $H_b$=636 ft.; $H_l$=5 ft.; $H_r$=3 ft.; $H_a$=191 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.59 | 1.21 | 2.4 | 5.6 | 10.2 | nw. | 30 | w. | 0 | 13 | 6 | 12 | 4 | 4 | 7 | 2 | 0 | 9 | 4 | 3 | 1 | 9 | 0 | 0 | 25 | 5 | 0 |
| February | 4.82 | 2.03 | 9.4 | 8.1 | 7.3 | nw. | 23 | n. | 0 | 3 | 5 | 20 | 12 | 8 | 20 | 9 | 0 | 6 | 4 | 3 | 1 | 12 | 0 | 0 | 24 | 0 | 4 |
| March | 1.82 | .93 | 1.2 | 7.5 | 12.9 | nw. | 38 | s. | 4 | 4 | 8 | 19 | 11 | 6 | 9 | 2 | 3 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 9 | 0 | 4 |
| April | 2.34 | 1.29 | T | 5.6 | 12.3 | s. | 40 | nw. | 2 | 11 | 7 | 12 | 7 | 6 | 2 | 0 | 0 | 6 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| May | 3.43 | 1.05 | .0 | 7.4 | 11.4 | s. | 43 | sw. | 2 | 1 | 13 | 17 | 11 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 12 |
| June | 5.44 | 1.09 | .0 | 8.0 | 8.6 | s. | 32 | s. | 1 | 2 | 8 | 20 | 17 | 12 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 7 | 1 | 0 | 0 | 14 |
| July | 7.06 | 1.79 | .0 | 5.7 | 9.2 | s. | 29 | n. | 0 | 10 | 11 | 10 | 11 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 3 | 0 | 0 | 12 |
| August | .91 | .48 | .0 | 5.4 | 8.9 | s. | 23 | sw. | 0 | 12 | 7 | 12 | 7 | 4 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 9 |
| September | 4.45 | 2.46 | T | 5.8 | 10.2 | s. | 33 | n. | 1 | 9 | 10 | 11 | 7 | 6 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 6 |
| October | 3.07 | 2.50 | T | 5.2 | 10.5 | w. | 31 | s. | 0 | 11 | 10 | 10 | 8 | 5 | 1 | 1 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| November | 5.82 | 2.32 | 4.0 | 7.1 | 13.0 | s. | 35 | s. | 2 | 5 | 7 | 18 | 11 | 9 | 3 | 3 | 0 | 10 | 5 | 3 | 2 | 0 | 0 | 0 | 9 | 0 | 4 |
| December | 2.61 | 1.58 | 8.1 | 7.5 | 11.0 | s. | 32 | nw. | 1 | 4 | 7 | 20 | 11 | 9 | 11 | 5 | 1 | 14 | 11 | 7 | 6 | 12 | 0 | 0 | 24 | 0 | 1 |
| Year | 43.36 | 2.50 | 25.1 | 6.6 | 10.5 | s. | 43 | sw. | 13 | 85 | 99 | 181 | 117 | 89 | 55 | 22 | 7 | 63 | 34 | 21 | 11 | 33 | 39 | 5 | 94 | 5 | 70 |

## SPRINGFIELD, MO.

Airport [$\phi$=37°13′ N.; $\lambda$=93°15′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 28.73 | 30.18 | 29.15 | 28.08 | 28.6 | 25.5 | 36.8 | 33.4 | 26.3 | 24.1 | 31.7 | 29.5 | 42.5 | 20.3 | 31.4 | 68 | −4 | 23 | 22 | 24 | 24 | 23 | 78 | 85 | 62 | 68 | 73 |
| February | 28.60 | 30.04 | 28.94 | 27.98 | 30.9 | 28.2 | 37.5 | 36.5 | 29.0 | 27.0 | 33.5 | 32.9 | 42.8 | 25.0 | 33.9 | 70 | 0 | 26 | 25 | 28 | 28 | 27 | 81 | 87 | 68 | 71 | 77 |
| March | 28.49 | 29.90 | 28.96 | 28.00 | 41.4 | 38.3 | 51.2 | 49.1 | 37.4 | 35.3 | 42.4 | 41.6 | 56.3 | 35.2 | 45.8 | 78 | 25 | 32 | 31 | 31 | 32 | 32 | 70 | 46 | 49 | 53 | 62 |
| April | 28.60 | 30.00 | 28.92 | 28.22 | 54.5 | 51.4 | 65.3 | 63.9 | 49.5 | 48.2 | 55.2 | 54.1 | 69.8 | 49.8 | 59.8 | 85 | 29 | 45 | 45 | 47 | 46 | 46 | 72 | 80 | 55 | 56 | 66 |
| May | 28.57 | 29.96 | 28.83 | 28.21 | 57.6 | 56.3 | 68.7 | 67.9 | 54.8 | 54.0 | 59.8 | 60.1 | 72.5 | 52.2 | 62.4 | 88 | 33 | 53 | 52 | 54 | 55 | 53 | 84 | 87 | 61 | 65 | 74 |
| June | 28.55 | 29.92 | 28.79 | 28.26 | 67.0 | 66.5 | 76.7 | 76.3 | 64.9 | 64.5 | 68.1 | 68.6 | 81.4 | 63.1 | 72.2 | 90 | 44 | 64 | 63 | 64 | 65 | 64 | 90 | 90 | 67 | 69 | 79 |
| July | 28.66 | 30.02 | 28.81 | 28.49 | 70.1 | 69.4 | 84.5 | 83.1 | 67.3 | 67.1 | 72.4 | 72.4 | 87.7 | 66.8 | 77.2 | 95 | 59 | 66 | 66 | 67 | 68 | 67 | 87 | 89 | 56 | 61 | 73 |
| August | 28.63 | 30.01 | 28.82 | 28.49 | 68.6 | 66.8 | 80.9 | 78.0 | 66.4 | 65.2 | 70.4 | 69.9 | 84.4 | 65.0 | 74.7 | 95 | 55 | 65 | 64 | 66 | 66 | 65 | 89 | 92 | 61 | 69 | 78 |
| September | 28.65 | 30.04 | 29.04 | 28.41 | 61.6 | 58.0 | 72.5 | 69.1 | 59.1 | 56.7 | 62.6 | 62.1 | 77.6 | 56.8 | 67.2 | 90 | 30 | 57 | 56 | 56 | 58 | 57 | 85 | 91 | 59 | 68 | 76 |
| October | 28.63 | 30.03 | 28.91 | 28.09 | 52.4 | 49.4 | 65.6 | 59.3 | 49.0 | 47.0 | 54.9 | 52.5 | 69.3 | 46.0 | 57.6 | 82 | 21 | 46 | 45 | 56 | 46 | 46 | 78 | 84 | 52 | 63 | 69 |
| November | 28.62 | 30.04 | 29.05 | 28.05 | 44.7 | 42.6 | 53.6 | 49.3 | 42.2 | 40.2 | 47.0 | 45.1 | 57.7 | 38.8 | 48.2 | 77 | 20 | 39 | 37 | 40 | 40 | 39 | 81 | 82 | 63 | 73 | 75 |
| December | 28.65 | 30.09 | 29.11 | 28.16 | 33.3 | 32.0 | 38.5 | 36.3 | 31.8 | 30.8 | 35.1 | 33.8 | 42.9 | 28.5 | 35.7 | 65 | 15 | 29 | 29 | 30 | 30 | 30 | 84 | 88 | 72 | 78 | 80 |
| Year | 28.62 | 30.02 | 29.15 | 27.98 | 50.9 | 48.7 | 61.0 | 58.5 | 48.1 | 46.7 | 52.8 | 51.9 | 65.4 | 45.6 | 55.5 | 95 | −4 | 45 | 45 | 46 | 46 | 46 | 82 | 86 | 60 | 66 | 74 |

## SYRACUSE, N. Y.

Airport [$\phi$=43°04′ N.; $\lambda$=76°16′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 29.36 | 30.03 | 29.84 | 28.54 | 23.2 | 21.2 | 27.7 | 24.6 | 21.6 | 19.7 | 25.0 | 22.9 | 32.0 | 16.5 | 24.2 | 50 | −8 | 18 | 16 | 19 | 19 | 18 | 79 | 79 | 69 | 78 | 76 |
| February | 29.25 | 29.92 | 29.82 | 28.58 | 19.2 | 18.6 | 24.1 | 21.2 | 18.4 | 17.9 | 22.3 | 20.4 | 27.9 | 12.9 | 20.4 | 47 | −13 | 16 | 16 | 18 | 19 | 17 | 87 | 89 | 77 | 88 | 85 |
| March | 29.19 | 29.85 | 29.67 | 28.15 | 33.8 | 33.7 | 42.3 | 37.0 | 32.3 | 31.8 | 37.1 | 34.2 | 44.8 | 29.8 | 37.3 | 61 | 23 | 30 | 29 | 30 | 30 | 30 | 86 | 83 | 63 | 76 | 77 |
| April | 29.37 | 30.02 | 29.70 | 28.90 | 44.1 | 45.7 | 58.2 | 51.2 | 41.1 | 41.9 | 48.2 | 45.1 | 60.5 | 39.7 | 50.1 | 80 | 30 | 38 | 38 | 39 | 39 | 38 | 80 | 75 | 52 | 66 | 68 |
| May | 29.37 | 30.01 | 29.70 | 29.05 | 55.7 | 57.8 | 67.3 | 61.3 | 52.6 | 53.8 | 58.6 | 56.2 | 70.1 | 49.8 | 60.0 | 87 | 30 | 50 | 51 | 52 | 52 | 52 | 84 | 78 | 61 | 74 | 74 |
| June | 29.32 | 29.96 | 29.68 | 29.02 | 61.5 | 65.4 | 76.0 | 69.2 | 58.6 | 61.0 | 65.4 | 63.3 | 78.2 | 56.6 | 67.4 | 93 | 45 | 57 | 58 | 60 | 60 | 59 | 85 | 79 | 59 | 73 | 74 |
| July | 29.34 | 29.97 | 29.64 | 29.03 | 64.9 | 67.8 | 79.1 | 75.3 | 61.6 | 63.5 | 67.4 | 65.8 | 81.8 | 59.7 | 70.8 | 94 | 46 | 60 | 61 | 61 | 62 | 61 | 84 | 79 | 55 | 68 | 71 |
| August | 29.40 | 30.04 | 29.77 | 29.08 | 62.5 | 64.3 | 77.6 | 69.8 | 59.6 | 60.9 | 65.9 | 63.9 | 79.6 | 57.6 | 68.6 | 90 | 44 | 58 | 59 | 59 | 60 | 59 | 86 | 83 | 55 | 72 | 74 |
| September | 29.39 | 30.03 | 29.90 | 28.86 | 57.9 | 57.9 | 69.8 | 61.8 | 55.4 | 55.3 | 59.8 | 57.5 | 73.6 | 50.5 | 62.0 | 90 | 32 | 54 | 53 | 53 | 54 | 54 | 86 | 85 | 57 | 77 | 76 |
| October | 29.38 | 30.03 | 29.96 | 28.82 | 48.2 | 46.6 | 60.5 | 51.9 | 45.4 | 44.3 | 51.3 | 47.8 | 62.7 | 41.5 | 52.1 | 75 | 31 | 43 | 42 | 43 | 44 | 43 | 82 | 85 | 54 | 75 | 74 |
| November | 29.38 | 30.04 | 29.94 | 28.72 | 38.5 | 36.8 | 44.8 | 38.8 | 36.1 | 34.8 | 39.9 | 36.0 | 48.6 | 31.1 | 39.8 | 67 | 17 | 33 | 32 | 34 | 32 | 33 | 82 | 85 | 67 | 77 | 78 |
| December | 29.35 | 30.03 | 30.06 | 28.14 | 23.5 | 22.4 | 27.2 | 23.6 | 22.5 | 21.1 | 25.2 | 22.5 | 30.2 | 17.1 | 23.6 | 42 | −26 | 20 | 18 | 21 | 20 | 20 | 88 | 82 | 77 | 86 | 83 |
| Year | 29.34 | 30.00 | 30.06 | 28.14 | 44.4 | 44.8 | 54.6 | 48.6 | 42.1 | 42.2 | 47.2 | 44.6 | 57.5 | 38.6 | 48.0 | 94 | −26 | 40 | 39 | 41 | 41 | 40 | 84 | 82 | 62 | 76 | 76 |

## TACOMA, WASH.

[$\phi$=47°15′ N.; $\lambda$=122°26′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.92 | 30.13 | 30.32 | 29.23 | ---- | ---- | 39.4 | 44.5 | ---- | ---- | 36.5 | 39.6 | 45.9 | 34.3 | 40.1 | 61 | 19 | ---- | ---- | 32 | 33 | 33 | ---- | ---- | 76 | 66 | 71 |
| February | 29.83 | 30.04 | 30.28 | 29.26 | ---- | ---- | 42.7 | 47.1 | ---- | ---- | 39.6 | 41.4 | 48.2 | 37.4 | 42.8 | 54 | 28 | ---- | ---- | 36 | 35 | 35 | ---- | ---- | 77 | 64 | 70 |
| March | 29.88 | 30.09 | 30.25 | 29.41 | ---- | ---- | 47.3 | 51.1 | ---- | ---- | 41.9 | 43.4 | 55.4 | 37.8 | 45.6 | 67 | 31 | ---- | ---- | 36 | 34 | 35 | ---- | ---- | 66 | 54 | 60 |
| April | 29.71 | 29.92 | 30.09 | 29.23 | ---- | ---- | 53.8 | 56.7 | ---- | ---- | 46.9 | 48.2 | 59.8 | 44.1 | 52.0 | 73 | 38 | ---- | ---- | 40 | 39 | 39 | ---- | ---- | 59 | 54 | 57 |
| May | 29.82 | 30.02 | 30.14 | 29.41 | ---- | ---- | 57.1 | 61.4 | ---- | ---- | 50.6 | 51.5 | 63.0 | 48.1 | 55.6 | 78 | 37 | ---- | ---- | 44 | 42 | 43 | ---- | ---- | 64 | 52 | 58 |
| June | 29.78 | 30.05 | 30.05 | 29.48 | ---- | ---- | 60.6 | 65.3 | ---- | ---- | 53.5 | 55.8 | 66.7 | 51.6 | 59.2 | 91 | 46 | ---- | ---- | 48 | 48 | 48 | ---- | ---- | 63 | 55 | 59 |
| July | 29.85 | 30.05 | 30.10 | 29.54 | ---- | ---- | 75.4 | 73.4 | ---- | ---- | 60.1 | 62.4 | 75.3 | 58.2 | 66.8 | 93 | 53 | ---- | ---- | 55 | 55 | 55 | ---- | ---- | 67 | 55 | 61 |
| August | 29.81 | 30.01 | 30.05 | 29.62 | ---- | ---- | 66.3 | 73.9 | ---- | ---- | 59.5 | 61.8 | 75.2 | 57.4 | 66.3 | 93 | 49 | ---- | ---- | 55 | 54 | 54 | ---- | ---- | 68 | 51 | 60 |
| September | 29.84 | 30.04 | 30.15 | 29.52 | ---- | ---- | 60.9 | 68.0 | ---- | ---- | 55.4 | 57.6 | 69.0 | 51.7 | 60.4 | 78 | 44 | ---- | ---- | 51 | 50 | 50 | ---- | ---- | 71 | 54 | 62 |
| October | 29.88 | 30.09 | 30.15 | 29.50 | ---- | ---- | 55.1 | 60.0 | ---- | ---- | 51.3 | 52.9 | 62.2 | 46.6 | 54.4 | 76 | 34 | ---- | ---- | 48 | 47 | 48 | ---- | ---- | 79 | 64 | 71 |
| November | 29.73 | 29.94 | 30.31 | 28.74 | ---- | ---- | 44.9 | 47.1 | ---- | ---- | 42.0 | 43.5 | 50.0 | 38.7 | 44.4 | 57 | 32 | ---- | ---- | 38 | 40 | 39 | ---- | ---- | 79 | 76 | 77 |
| December | 29.79 | 30.01 | 30.25 | 29.21 | ---- | ---- | 43.7 | 45.4 | ---- | ---- | 41.6 | 42.7 | 47.7 | 39.5 | 43.6 | 56 | 32 | ---- | ---- | 39 | 40 | 39 | ---- | ---- | 84 | 80 | 82 |
| Year | 29.82 | 30.03 | 30.32 | 28.74 | ---- | ---- | 53.9 | 57.8 | ---- | ---- | 48.2 | 50.1 | 59.7 | 45.4 | 52.6 | 93 | 19 | ---- | ---- | 44 | 43 | 43 | ---- | ---- | 71 | 60 | 66 |

## TOPEKA, KAN.

[$\phi$=39°03′ N.; $\lambda$=95°41′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.10 | 30.20 | 29.62 | 28.59 | 27.6 | 24.8 | 34.8 | 34.5 | 25.6 | 23.1 | 29.8 | 30.2 | 40.5 | 21.5 | 31.0 | 61 | −6 | 22 | 20 | 22 | 23 | 22 | 79 | 79 | 58 | 64 | 70 |
| February | 28.98 | 30.06 | 29.33 | 28.38 | 29.3 | 27.1 | 35.9 | 35.5 | 28.0 | 26.2 | 32.2 | 32.2 | 40.7 | 24.0 | 32.4 | 63 | 7 | 26 | 25 | 26 | 27 | 26 | 85 | 89 | 67 | 71 | 78 |
| March | 28.82 | 29.88 | 29.37 | 28.26 | 40.1 | 36.9 | 48.8 | 49.9 | 36.1 | 34.1 | 41.2 | 41.8 | 54.5 | 34.2 | 44.4 | 77 | 26 | 31 | 30 | 32 | 32 | 31 | 70 | 77 | 55 | 53 | 64 |
| April | 28.91 | 29.96 | 29.33 | 28.42 | 55.7 | 51.3 | 65.2 | 65.7 | 50.4 | 48.0 | 54.7 | 54.9 | 70.9 | 49.4 | 60.2 | 93 | 35 | 45 | 45 | 46 | 46 | 46 | 69 | 80 | 54 | 52 | 64 |
| May | 28.87 | 29.92 | 29.26 | 28.38 | 59.1 | 56.3 | 69.0 | 69.4 | 55.1 | 53.0 | 58.7 | 59.4 | 73.8 | 53.6 | 63.7 | 91 | 37 | 52 | 50 | 51 | 52 | 51 | 78 | 81 | 56 | 57 | 68 |
| June | 28.87 | 29.90 | 29.16 | 28.55 | 69.5 | 66.9 | 78.9 | 78.8 | 65.7 | 63.9 | 67.6 | 68.6 | 84.0 | 64.5 | 74.2 | 97 | 47 | 64 | 62 | 62 | 63 | 63 | 83 | 86 | 58 | 61 | 72 |
| July | 28.93 | 29.95 | 29.19 | 28.73 | 76.2 | 72.4 | 88.7 | 88.8 | 69.5 | 67.8 | 72.8 | 73.2 | 93.4 | 70.8 | 82.1 | 104 | 60 | 66 | 66 | 66 | 66 | 66 | 72 | 80 | 48 | 48 | 62 |
| August | 28.94 | 29.97 | 29.19 | 28.78 | 71.9 | 68.7 | 83.1 | 81.3 | 67.6 | 66.1 | 71.0 | 71.1 | 87.0 | 67.5 | 77.2 | 103 | 60 | 66 | 65 | 65 | 66 | 65 | 81 | 88 | 57 | 62 | 72 |
| September | 28.96 | 30.00 | 29.42 | 28.63 | 62.4 | 59.4 | 73.9 | 69.8 | 59.2 | 57.5 | 63.2 | 62.1 | 77.8 | 57.2 | 67.5 | 95 | 33 | 57 | 56 | 56 | 57 | 56 | 82 | 89 | 56 | 66 | 73 |
| October | 28.96 | 30.01 | 29.24 | 28.43 | 55.2 | 49.8 | 65.9 | 62.9 | 50.4 | 47.3 | 54.5 | 53.8 | 70.2 | 48.4 | 59.3 | 85 | 25 | 46 | 45 | 45 | 46 | 45 | 72 | 83 | 48 | 56 | 65 |
| November | 28.94 | 30.01 | 29.41 | 28.40 | 43.6 | 41.9 | 51.0 | 48.6 | 40.1 | 39.4 | 44.1 | 42.5 | 55.9 | 36.4 | 46.2 | 79 | 18 | 36 | 37 | 36 | 36 | 36 | 75 | 82 | 60 | 64 | 70 |
| December | 29.03 | 30.12 | 29.52 | 28.58 | 29.2 | 27.0 | 33.0 | 32.3 | 27.9 | 25.9 | 30.7 | 30.2 | 36.7 | 24.2 | 30.4 | 57 | 10 | 26 | 24 | 27 | 27 | 26 | 85 | 87 | 79 | 86 | 83 |
| Year | 28.94 | 30.00 | 29.62 | 28.26 | 51.6 | 48.5 | 60.7 | 59.8 | 48.0 | 46.0 | 51.7 | 51.7 | 65.4 | 46.0 | 55.7 | 104 | −6 | 45 | 44 | 44 | 45 | 44 | 78 | 83 | 58 | 61 | 70 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Terre Haute, Ind., 575 feet; Toledo, Ohio, 628 feet.
[2] Airport data.

## SPRINGFIELD, MO.

Airport [$H$=1,360 ft.; $H_b$=1,362 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=67 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.55 | 0.97 | 4.6 | 4.7 | 12.1 | nw. | 33 | w. | 1 | 15 | 4 | 12 | 6 | 3 | 8 | 5 | 0 | 7 | 4 | 0 | 3 | 10 | 0 | 0 | 26 | 5 | 1 |
| February | 2.19 | .69 | 6.5 | 6.4 | 12.3 | se. | 38 | sw. | 2 | 7 | 8 | 13 | 11 | 8 | 9 | 6 | 1 | 8 | 2 | 1 | 1 | 6 | 0 | 0 | 22 | 0 | 3 |
| March | 1.04 | .65 | .4 | 5.5 | 14.5 | nw. | 44 | sw. | 5 | 12 | 5 | 14 | 5 | 4 | 3 | 1 | 0 | 6 | 1 | 1 | 1 | 0 | 0 | 0 | 12 | 0 | 2 |
| April | 5.19 | 2.08 | .0 | 6.0 | 14.2 | se. | 38 | ne. | 6 | 9 | 7 | 14 | 12 | 11 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 |
| May | 2.72 | .96 | .0 | 6.1 | 11.5 | se. | 34 | sw. | 2 | 8 | 12 | 11 | 10 | 9 | 0 | 0 | 1 | 10 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| June | 6.01 | 1.47 | .0 | 6.9 | 8.9 | se. | 37 | se. | 2 | 5 | 9 | 16 | 17 | 13 | 0 | 0 | 1 | 11 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 15 |
| July | 2.96 | 2.43 | .0 | 4.5 | 9.1 | sw. | 40 | n. | 1 | 12 | 13 | 6 | 4 | 4 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 7 |
| August | 2.91 | .81 | .0 | 5.7 | 7.9 | se. | 28 | nw. | 0 | 8 | 13 | 10 | 12 | 10 | 0 | 0 | 0 | 15 | 2 | 1 | 1 | 0 | 5 | 1 | 0 | 0 | 8 |
| September | 4.53 | 1.42 | .0 | 4.9 | 9.0 | se. | 26 | s. | 0 | 12 | 10 | 8 | 7 | 6 | 0 | 0 | 0 | 15 | 2 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 3 |
| October | 3.68 | 2.43 | T | 4.8 | 8.9 | se. | 30 | se. | 0 | 13 | 7 | 11 | 8 | 6 | 1 | 0 | 0 | 10 | 3 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 2 |
| November | 4.43 | 2.20 | T | 6.2 | 13.8 | se. | 38 | s. | 6 | 8 | 5 | 17 | 13 | 11 | 3 | 0 | 0 | 14 | 8 | 5 | 3 | 0 | 0 | 0 | 8 | 0 | 5 |
| December | 5.75 | 3.50 | 6.4 | 7.4 | 11.1 | se. | 32 | nw. | 1 | 5 | 7 | 19 | 13 | 10 | 10 | 3 | 0 | 19 | 6 | 4 | 1 | 2 | 0 | 0 | 23 | 0 | 1 |
| Year | 42.96 | 3.50 | 17.9 | 5.8 | 11.1 | se. | 44 | sw. | 26 | 114 | 100 | 151 | 118 | 95 | 34 | 15 | 3 | 131 | 33 | 15 | 12 | 18 | 19 | 2 | 95 | 5 | 59 |

## SYRACUSE, N. Y.

Airport [$H$=399 ft.; $H_b$=403 ft.; $H_t$=4 ft.; $H_r$=3 ft.; $H_a$=57 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.59 | 0.63 | 9.5 | 7.2 | 11.5 | sw. | 38 | sw. | 5 | 8 | 3 | 20 | 16 | 9 | 21 | 13 | 0 | 12 | 2 | 3 | 1 | 14 | 0 | 0 | 29 | 4 | 0 |
| February | 3.55 | 1.01 | 33.2 | 8.3 | 11.6 | sw. | 29 | sw. | 0 | 4 | 1 | 23 | 18 | 16 | 24 | 16 | 0 | 6 | 1 | 0 | 0 | 21 | 0 | 0 | 28 | 5 | 0 |
| March | 4.52 | 1.10 | 14.8 | 7.8 | 11.6 | sw. | 41 | sw. | 3 | 2 | 8 | 21 | 19 | 16 | 21 | 15 | 0 | 10 | 3 | 2 | 1 | 0 | 0 | 0 | 26 | 0 | 2 |
| April | 2.43 | .81 | 7.7 | 6.7 | 10.8 | sw. | 32 | sw. | 1 | 6 | 9 | 15 | 15 | 12 | 5 | 4 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 4 |
| May | 3.71 | .68 | .0 | 7.4 | 8.9 | s. | 34 | sw. | 1 | 4 | 8 | 19 | 16 | 12 | 0 | 0 | 0 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 7 |
| June | 2.09 | .54 | .0 | 6.2 | 7.9 | s. | 50 | nw. | 2 | 6 | 12 | 12 | 11 | 9 | 0 | 0 | 1 | 15 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 |
| July | 2.72 | .75 | .0 | 5.2 | 8.3 | sw. | 36 | sw. | 1 | 10 | 12 | 9 | 13 | 10 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 |
| August | 2.40 | .47 | .0 | 6.1 | 8.2 | sw. | 25 | sw. | 0 | 7 | 14 | 10 | 13 | 11 | 0 | 0 | 0 | 14 | 4 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 6 |
| September | 3.32 | 1.21 | .0 | 6.0 | 8.7 | s. | 37 | w. | 2 | 8 | 11 | 11 | 13 | 10 | 0 | 0 | 1 | 14 | 3 | 5 | 2 | 0 | 1 | 0 | 1 | 0 | 2 |
| October | 2.99 | 1.45 | 1.5 | 6.1 | 9.1 | sw. | 34 | se. | 1 | 8 | 8 | 15 | 11 | 7 | 2 | 2 | 0 | 16 | 4 | 2 | 2 | 0 | 0 | 0 | 5 | 0 | 0 |
| November | 3.44 | .61 | 8.7 | 6.9 | 11.4 | sw. | 42 | se. | 4 | 4 | 11 | 15 | 18 | 14 | 11 | 6 | 1 | 11 | 1 | 1 | 1 | 1 | 0 | 0 | 19 | 0 | 0 |
| December | 6.55 | 2.44 | 13.4 | 8.4 | 12.1 | sw. | 45 | sw. | 3 | 2 | 4 | 25 | 18 | 13 | 23 | 14 | 0 | 14 | 0 | 0 | 0 | 14 | 0 | 0 | 29 | 3 | 0 |
| Year | 39.31 | 2.44 | 88.8 | 6.9 | 10.0 | sw. | 50 | nw. | 23 | 69 | 101 | 195 | 181 | 139 | 107 | 70 | 3 | 155 | 20 | 16 | 9 | 50 | 6 | 0 | 143 | 12 | 29 |

## TACOMA, WASH.

[$H$=107 ft.; $H_b$=194 ft.; $H_t$=172 ft.; $H_r$=165 ft.; $H_a$=201 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.26 | 0.87 | 2.3 | 8.2 | 4.9 | n. | 25 | s. | 0 | 3 | 4 | 24 | 13 | 13 | 1 | 1 | 1 | 14 | 9 | 8 | 11 | 1 | 0 | 0 | 11 | 0 | 1 |
| February | 2.78 | .84 | .3 | 7.6 | 7.1 | n. | 26 | s. | 0 | 3 | 9 | 16 | 15 | 11 | 1 | 1 | 0 | 8 | 6 | 5 | 4 | 0 | 0 | 0 | 6 | 0 | 0 |
| March | 2.22 | .80 | .5 | 8.0 | 8.5 | sw. | 34 | sw. | 2 | 2 | 7 | 22 | 17 | 13 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| April | 1.49 | .49 | .0 | 8.3 | 9.2 | sw. | 42 | s. | 1 | 1 | 9 | 20 | 12 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 1.55 | .40 | .0 | 8.4 | 7.7 | sw. | 26 | sw. | 0 | 2 | 6 | 23 | 14 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 2.40 | .58 | .0 | 6.9 | 9.1 | sw. | 33 | sw. | 1 | 4 | 10 | 16 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| July | 1.12 | .40 | .0 | 6.1 | 7.9 | sw. | 32 | w. | 1 | 7 | 12 | 12 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 |
| August | .02 | .01 | .0 | 4.9 | 7.3 | n. | 20 | sw. | 0 | 11 | 9 | 11 | 2 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| September | .19 | .11 | .0 | 5.6 | 5.9 | n. | 22 | sw. | 0 | 8 | 13 | 9 | 4 | 2 | 0 | 0 | 0 | 5 | 4 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 3.17 | 2.39 | .0 | 7.3 | 6.8 | s. | 29 | sw. | 0 | 4 | 9 | 18 | 9 | 8 | 0 | 0 | 0 | 15 | 11 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 9.23 | 1.72 | .0 | 7.8 | 8.9 | s. | 36 | s. | 4 | 1 | 10 | 19 | 19 | 18 | 0 | 0 | 2 | 10 | 5 | 5 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| December | 4.80 | .74 | T | 8.4 | 9.0 | s. | 37 | s. | 4 | 1 | 6 | 24 | 20 | 14 | 2 | 0 | 0 | 12 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 32.23 | 2.39 | 3.1 | 7.3 | 7.7 | sw. | 42 | s. | 13 | 47 | 104 | 214 | 142 | 108 | 6 | 4 | 5 | 68 | 42 | 34 | 34 | 1 | 5 | 0 | 19 | 0 | 4 |

## TOPEKA, KANS.

[$H$=926 ft.; $H_b$=987 ft.; $H_t$=65 ft.; $H_r$=61 ft.; $H_a$=87 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.11 | 0.33 | 0.9 | 4.1 | 9.3 | w. | 28 | nw. | 0 | 14 | 8 | 9 | 1 | 1 | 3 | 1 | 0 | 4 | 1 | 1 | 1 | 10 | 0 | 0 | 23 | 5 | 0 |
| February | 1.85 | .81 | 4.0 | 6.7 | 8.8 | e. | 26 | nw. | 0 | 5 | 10 | 13 | 10 | 8 | 12 | 5 | 0 | 7 | 2 | 2 | 2 | 5 | 0 | 0 | 25 | 0 | 1 |
| March | 1.01 | .45 | T | 6.1 | 10.6 | nw. | 31 | se. | 0 | 9 | 8 | 14 | 7 | 5 | 1 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 2 |
| April | 4.16 | 1.81 | .0 | 6.4 | 11.2 | s. | 33 | sw. | 2 | 6 | 12 | 12 | 9 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 9 |
| May | 5.29 | 1.47 | .0 | 6.2 | 9.5 | s. | 26 | w. | 0 | 6 | 13 | 12 | 13 | 11 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 7 |
| June | 4.83 | 2.30 | .0 | 6.1 | 8.4 | s. | 33 | nw. | 2 | 3 | 18 | 9 | 16 | 12 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 9 | 3 | 0 | 0 | 11 |
| July | 1.92 | .91 | .0 | 4.5 | 8.4 | s. | 26 | n. | 0 | 13 | 15 | 3 | 7 | 5 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 21 | 16 | 0 | 0 | 9 |
| August | 7.72 | 2.80 | .0 | 4.8 | 7.3 | s. | 24 | s. | 0 | 13 | 7 | 11 | 10 | 10 | 0 | 0 | 0 | 9 | 2 | 2 | 2 | 0 | 10 | 1 | 0 | 0 | 10 |
| September | 6.86 | 2.83 | .0 | 5.1 | 8.7 | s. | 24 | s. | 0 | 11 | 10 | 9 | 10 | 10 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 7 | 1 | 0 | 0 | 7 |
| October | 2.75 | 1.94 | .0 | 3.9 | 7.4 | s. | 25 | s. | 0 | 16 | 9 | 6 | 8 | 5 | 0 | 0 | 0 | 7 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| November | 1.33 | .59 | 1.1 | 5.6 | 10.5 | s. | 32 | nw. | 1 | 10 | 9 | 11 | 12 | 9 | 4 | 3 | 0 | 10 | 0 | 0 | 0 | 1 | 0 | 0 | 11 | 0 | 1 |
| December | 2.74 | 1.08 | 12.1 | 6.5 | 8.1 | w. | 26 | ne. | 0 | 7 | 8 | 16 | 10 | 5 | 11 | 5 | 0 | 10 | 3 | 1 | 0 | 8 | 0 | 0 | 25 | 0 | 1 |
| Year | 40.57 | 2.83 | 18.1 | 5.5 | 9.0 | s. | 33 | sw. | 5 | 113 | 127 | 125 | 113 | 87 | 31 | 14 | 1 | 66 | 13 | 9 | 7 | 24 | 50 | 21 | 96 | 5 | 58 |

## TATOOSH ISLAND, WASH.

[$\phi$=48°23′ N.; $\lambda$=124°44′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.98 | 30.07 | 30.43 | 29.25 | 44.9 | 44.3 | 45.1 | 46.0 | 40.8 | 40.3 | 40.8 | 41.5 | 48.2 | 41.6 | 44.9 | 59 | 30 | 35 | 35 | 35 | 36 | 35 | 71 | 72 | 70 | 70 | 71 |
| February | 29.92 | 30.01 | 30.42 | 29.28 | 44.3 | 43.9 | 44.7 | 46.3 | 41.3 | 41.0 | 41.4 | 42.4 | 47.8 | 41.2 | 44.5 | 52 | 36 | 38 | 37 | 37 | 38 | 37 | 78 | 78 | 76 | 73 | 76 |
| March | 29.96 | 30.06 | 30.35 | 29.50 | 44.3 | 43.2 | 45.0 | 46.1 | 41.7 | 40.6 | 41.6 | 42.4 | 48.3 | 40.4 | 44.4 | 64 | 34 | 38 | 37 | 37 | 38 | 38 | 80 | 80 | 76 | 74 | 78 |
| April | 29.81 | 29.91 | 30.13 | 29.29 | 48.2 | 46.7 | 48.4 | 50.1 | 45.2 | 44.4 | 45.4 | 46.1 | 52.6 | 44.3 | 48.4 | 60 | 40 | 42 | 42 | 42 | 42 | 42 | 80 | 83 | 80 | 75 | 80 |
| May | 29.93 | 30.03 | 30.28 | 29.51 | 50.7 | 49.6 | 52.2 | 53.4 | 48.2 | 47.6 | 49.2 | 49.8 | 56.0 | 47.8 | 51.9 | 67 | 42 | 46 | 46 | 46 | 47 | 46 | 84 | 86 | 81 | 78 | 82 |
| June | 29.95 | 30.05 | 30.19 | 29.59 | 53.3 | 52.8 | 54.5 | 56.3 | 51.2 | 50.8 | 51.9 | 52.9 | 58.5 | 50.8 | 54.6 | 78 | 47 | 49 | 49 | 50 | 50 | 49 | 87 | 88 | 84 | 80 | 85 |
| July | 29.96 | 30.05 | 30.21 | 29.66 | 58.6 | 57.2 | 58.4 | 60.1 | 56.1 | 55.4 | 56.1 | 56.9 | 63.5 | 54.6 | 59.0 | 80 | 51 | 54 | 54 | 54 | 55 | 54 | 87 | 90 | 88 | 83 | 87 |
| August | 29.94 | 30.03 | 30.20 | 29.77 | 55.8 | 54.4 | 56.2 | 58.1 | 54.4 | 53.4 | 54.5 | 55.8 | 60.6 | 52.1 | 56.4 | 73 | 46 | 53 | 53 | 53 | 54 | 53 | 92 | 94 | 90 | 87 | 91 |
| September | 29.96 | 30.06 | 30.25 | 29.64 | 53.4 | 52.2 | 54.2 | 55.6 | 51.7 | 50.8 | 52.0 | 53.1 | 58.8 | 49.9 | 54.4 | 74 | 45 | 50 | 50 | 50 | 51 | 50 | 90 | 91 | 87 | 86 | 88 |
| October | 29.97 | 30.07 | 30.26 | 29.54 | 52.8 | 52.1 | 53.6 | 54.4 | 50.7 | 50.3 | 50.6 | 51.3 | 57.3 | 49.4 | 53.4 | 65 | 44 | 49 | 48 | 48 | 48 | 48 | 87 | 89 | 82 | 81 | 85 |
| November | 29.78 | 29.88 | 30.38 | 28.62 | 45.7 | 45.0 | 46.4 | 46.0 | 42.4 | 42.0 | 43.2 | 42.8 | 49.0 | 41.5 | 45.2 | 57 | 38 | 39 | 40 | 39 | 39 | 39 | 76 | 79 | 77 | 77 | 77 |
| December | 29.84 | 29.94 | 30.34 | 29.11 | 44.0 | 43.4 | 44.0 | 43.7 | 41.9 | 41.5 | 41.8 | 41.8 | 47.0 | 40.0 | 43.5 | 52 | 33 | 39 | 39 | 39 | 40 | 39 | 84 | 86 | 83 | 86 | 85 |
| Year | 29.92 | 30.01 | 30.43 | 28.62 | 49.7 | 48.7 | 50.2 | 51.3 | 47.1 | 46.5 | 47.4 | 48.1 | 54.0 | 46.1 | 50.0 | 80 | 30 | 44 | 44 | 44 | 45 | 44 | 83 | 85 | 81 | 79 | 82 |

## TERRE HAUTE, IND.

Airport [$\phi$=39°29′ N.; $\lambda$=87°24′ W.] City [$\phi$=39°29′ N.; $\lambda$=87°24′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.50 | 30.14 | 30.00 | 28.59 | 24.6 | 22.5 | 34.9 | 29.8 | 23.1 | 21.4 | 30.8 | 27.3 | 38.4 | 21.2 | 29.8 | 62 | −6 | 20 | 19 | 24 | 23 | 21 | 81 | 86 | 63 | 73 | 76 |
| February | 29.44 | 30.08 | 29.78 | 28.57 | 28.0 | 27.0 | 33.7 | 31.1 | 26.5 | 25.7 | 30.6 | 28.9 | 36.5 | 24.4 | 30.4 | 53 | 6 | 24 | 23 | 25 | 25 | 24 | 82 | 84 | 70 | 76 | 78 |
| March | 29.27 | 29.90 | 29.64 | 28.64 | 39.6 | 37.2 | 49.6 | 46.8 | 37.1 | 35.3 | 42.7 | 42.0 | 53.6 | 36.7 | 45.2 | 76 | 25 | 34 | 33 | 35 | 36 | 35 | 82 | 85 | 59 | 70 | 74 |
| April | 29.46 | 30.08 | 29.78 | 29.04 | 49.7 | 48.7 | 66.3 | 61.9 | 45.9 | 45.6 | 53.8 | 52.7 | 68.8 | 47.6 | 58.2 | 87 | 33 | 42 | 42 | 44 | 45 | 43 | 76 | 79 | 47 | 56 | 64 |
| May | 29.38 | 30.00 | 29.68 | 29.03 | 58.8 | 57.5 | 71.9 | 67.3 | 55.2 | 54.6 | 60.7 | 59.5 | 74.3 | 55.0 | 64.6 | 91 | 41 | 53 | 52 | 54 | 54 | 53 | 81 | 84 | 54 | 65 | 71 |
| June | 29.35 | 29.96 | 29.60 | 29.01 | 67.0 | 67.5 | 80.9 | 77.1 | 65.1 | 65.1 | 70.8 | 70.1 | 83.2 | 64.7 | 74.0 | 94 | 48 | 64 | 64 | 66 | 67 | 65 | 91 | 88 | 62 | 72 | 78 |
| July | 29.41 | 30.01 | 29.59 | 29.21 | 70.9 | 70.8 | 85.2 | 82.3 | 68.6 | 68.2 | 73.8 | 74.3 | 87.6 | 68.6 | 78.1 | 98 | 56 | 68 | 67 | 69 | 71 | 69 | 89 | 88 | 59 | 69 | 76 |
| August | 29.42 | 30.03 | 29.69 | 29.10 | 67.7 | 66.3 | 82.6 | 78.7 | 65.7 | 64.6 | 71.1 | 70.8 | 83.9 | 65.8 | 74.8 | 94 | 50 | 65 | 64 | 66 | 67 | 65 | 90 | 92 | 58 | 68 | 77 |
| September | 29.44 | 30.05 | 29.91 | 29.17 | 60.0 | 58.1 | 75.5 | 68.0 | 57.7 | 56.3 | 64.2 | 61.6 | 77.0 | 57.5 | 67.2 | 93 | 32 | 56 | 55 | 57 | 57 | 56 | 88 | 89 | 54 | 70 | 75 |
| October | 29.41 | 30.03 | 29.65 | 28.79 | 50.0 | 47.1 | 66.7 | 58.2 | 47.0 | 45.3 | 55.4 | 51.3 | 68.4 | 47.0 | 57.7 | 84 | 24 | 44 | 43 | 46 | 45 | 45 | 80 | 88 | 51 | 64 | 70 |
| November | 29.44 | 30.06 | 29.88 | 28.86 | 43.0 | 39.4 | 50.9 | 47.3 | 40.5 | 37.9 | 45.1 | 43.2 | 54.4 | 38.0 | 46.2 | 77 | 22 | 38 | 36 | 38 | 38 | 38 | 82 | 87 | 65 | 72 | 76 |
| December | 29.48 | 30.13 | 29.99 | 28.87 | 27.4 | 25.6 | 33.1 | 29.8 | 26.1 | 24.7 | 31.0 | 28.4 | 36.0 | 22.9 | 29.4 | 66 | 3 | 24 | 23 | 27 | 26 | 25 | 86 | 88 | 78 | 84 | 84 |
| Year | 29.42 | 30.04 | 30.00 | 28.57 | 48.9 | 47.3 | 60.9 | 56.5 | 46.5 | 45.4 | 52.5 | 50.8 | 63.5 | 45.8 | 54.6 | 98 | −6 | 44 | 43 | 46 | 46 | 45 | 84 | 86 | 60 | 70 | 75 |

## TOLEDO, OHIO

Airport [$\phi$=41°34′ N.; $\lambda$=83°28′ W.] City [$\phi$=41°39′ N.; $\lambda$=83°32′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| January | 29.35 | 30.06 | 29.79 | 28.47 | 24.1 | 22.6 | 31.1 | 27.0 | 22.4 | 21.2 | 27.6 | 25.0 | 32.8 | 20.2 | 26.5 | 53 | −8 | 18 | 18 | 21 | 20 | 20 | 78 | 82 | 66 | 76 | 75 |
| February | 29.34 | 30.05 | 29.76 | 28.68 | 21.1 | 19.0 | 27.4 | 24.9 | 20.2 | 18.2 | 25.1 | 23.6 | 28.8 | 18.1 | 23.4 | 44 | 1 | 18 | 16 | 20 | 20 | 19 | 87 | 87 | 73 | 82 | 82 |
| March | 29.16 | 29.86 | 29.55 | 28.13 | 35.1 | 33.5 | 41.7 | 38.7 | 33.0 | 31.6 | 37.1 | 35.5 | 45.2 | 32.1 | 38.6 | 67 | 24 | 30 | 29 | 31 | 31 | 30 | 81 | 82 | 67 | 74 | 76 |
| April | 29.39 | 30.08 | 29.68 | 28.95 | 45.4 | 44.6 | 61.8 | 56.4 | 41.8 | 41.7 | 49.4 | 47.9 | 64.1 | 43.5 | 53.8 | 89 | 31 | 38 | 39 | 37 | 40 | 38 | 76 | 80 | 45 | 57 | 64 |
| May | 29.31 | 29.99 | 29.67 | 28.92 | 55.1 | 56.0 | 67.7 | 64.1 | 51.9 | 52.6 | 57.8 | 56.9 | 70.0 | 52.7 | 61.4 | 92 | 40 | 49 | 50 | 51 | 52 | 50 | 82 | 81 | 58 | 66 | 72 |
| June | 29.29 | 29.97 | 29.57 | 28.95 | 62.9 | 65.6 | 77.5 | 72.5 | 60.5 | 62.0 | 66.5 | 64.8 | 78.2 | 61.5 | 69.8 | 92 | 48 | 59 | 60 | 60 | 60 | 60 | 88 | 82 | 57 | 67 | 74 |
| July | 29.33 | 30.00 | 29.50 | 29.12 | 66.7 | 67.9 | 82.0 | 78.3 | 63.7 | 64.7 | 69.0 | 69.0 | 83.7 | 65.3 | 74.5 | 97 | 53 | 62 | 63 | 62 | 64 | 63 | 85 | 85 | 53 | 63 | 71 |
| August | 29.37 | 30.05 | 29.69 | 29.09 | 63.8 | 63.6 | 77.2 | 72.1 | 62.1 | 61.8 | 67.9 | 67.3 | 78.3 | 62.5 | 70.4 | 87 | 47 | 61 | 61 | 63 | 65 | 62 | 91 | 91 | 63 | 78 | 81 |
| September | 29.37 | 30.06 | 29.85 | 29.01 | 56.6 | 55.0 | 70.2 | 62.7 | 54.8 | 53.5 | 61.3 | 58.9 | 72.2 | 54.6 | 63.4 | 89 | 33 | 53 | 52 | 56 | 56 | 54 | 89 | 90 | 61 | 80 | 86 |
| October | 29.33 | 30.02 | 29.69 | 28.69 | 48.7 | 45.9 | 60.2 | 53.5 | 46.6 | 44.2 | 52.2 | 49.6 | 62.1 | 45.9 | 54.0 | 82 | 28 | 45 | 42 | 46 | 46 | 45 | 86 | 88 | 61 | 76 | 78 |
| November | 29.36 | 30.05 | 29.83 | 28.78 | 39.1 | 36.6 | 45.5 | 42.4 | 36.7 | 34.5 | 37.4 | 39.6 | 50.1 | 34.4 | 42.2 | 69 | 21 | 34 | 32 | 35 | 36 | 34 | 82 | 82 | 68 | 78 | 77 |
| December | 29.37 | 30.08 | 29.93 | 28.64 | 23.3 | 21.4 | 27.6 | 25.7 | 22.3 | 20.5 | 26.0 | 24.5 | 30.2 | 20.8 | 25.5 | 52 | 3 | 20 | 18 | 22 | 22 | 21 | 86 | 85 | 80 | 84 | 84 |
| Year | 29.33 | 30.02 | 29.93 | 28.13 | 45.2 | 44.3 | 55.8 | 51.5 | 43.0 | 42.2 | 48.1 | 46.9 | 58.0 | 42.6 | 50.3 | 97 | −8 | 41 | 40 | 42 | 43 | 41 | 84 | 85 | 63 | 73 | 76 |

## TAMPA, FLA.

Airport [$\phi$=27°55′ N.; $\lambda$=82°27′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 30.11 | 30.14 | 30.44 | 29.75 | 54.1 | 51.7 | 65.5 | 59.4 | 51.7 | 49.4 | 57.1 | 54.4 | 67.4 | 49.1 | 58.2 | 76 | 31 | 49 | 47 | 50 | 50 | 49 | 84 | 84 | 59 | 72 | 75 |
| February | 29.99 | 30.03 | 30.33 | 29.31 | 54.2 | 51.1 | 62.1 | 57.4 | 51.1 | 48.4 | 53.9 | 52.5 | 64.6 | 48.8 | 56.7 | 76 | 37 | 48 | 46 | 46 | 48 | 47 | 80 | 81 | 58 | 72 | 73 |
| March | 29.96 | 30.00 | 30.29 | 29.47 | 60.2 | 58.7 | 70.0 | 65.9 | 57.1 | 55.8 | 60.8 | 60.0 | 72.4 | 55.8 | 64.1 | 81 | 40 | 55 | 53 | 54 | 56 | 54 | 82 | 83 | 59 | 71 | 74 |
| April | 30.04 | 30.08 | 30.26 | 29.82 | 65.0 | 63.8 | 77.8 | 71.8 | 61.1 | 60.4 | 64.8 | 63.5 | 80.3 | 60.9 | 70.6 | 88 | 49 | 59 | 58 | 56 | 58 | 58 | 80 | 82 | 50 | 64 | 69 |
| May | 29.98 | 30.02 | 30.14 | 29.82 | 71.8 | 71.4 | 83.8 | 78.4 | 67.9 | 68.1 | 70.4 | 69.6 | 86.7 | 68.5 | 77.6 | 92 | 61 | 66 | 66 | 63 | 65 | 65 | 82 | 85 | 51 | 65 | 71 |
| June | 29.94 | 29.98 | 30.12 | 29.72 | 76.4 | 77.9 | 85.7 | 80.1 | 73.8 | 74.8 | 76.4 | 74.7 | 88.7 | 74.0 | 81.4 | 95 | 69 | 73 | 74 | 73 | 72 | 73 | 89 | 87 | 66 | 78 | 80 |
| July | 30.06 | 30.09 | 30.20 | 29.82 | 79.6 | 80.5 | 89.3 | 83.4 | 75.9 | 76.4 | 78.1 | 76.5 | 92.9 | 76.3 | 84.6 | 98 | 68 | 74 | 75 | 74 | 74 | 74 | 84 | 83 | 61 | 74 | 76 |
| August | 30.00 | 30.04 | 30.16 | 29.88 | 78.3 | 78.1 | 88.8 | 81.8 | 75.2 | 75.1 | 77.7 | 75.8 | 91.5 | 75.7 | 83.6 | 95 | 73 | 74 | 74 | 73 | 74 | 74 | 87 | 87 | 61 | 77 | 78 |
| September | 29.96 | 30.00 | 30.14 | 29.76 | 77.1 | 76.8 | 87.0 | 80.6 | 74.4 | 74.6 | 77.0 | 75.0 | 89.2 | 74.7 | 82.0 | 95 | 68 | 73 | 74 | 73 | 73 | 73 | 88 | 90 | 64 | 78 | 80 |
| October | 29.95 | 29.98 | 30.16 | 29.80 | 69.2 | 67.6 | 82.8 | 75.4 | 65.9 | 65.0 | 69.5 | 67.9 | 84.7 | 66.0 | 75.4 | 88 | 56 | 64 | 64 | 63 | 64 | 64 | 84 | 87 | 52 | 69 | 73 |
| November | 30.04 | 30.07 | 30.24 | 29.80 | 64.4 | 62.1 | 77.2 | 69.5 | 61.1 | 59.8 | 64.8 | 62.7 | 78.9 | 59.9 | 69.4 | 87 | 44 | 59 | 58 | 57 | 58 | 58 | 82 | 87 | 51 | 68 | 72 |
| December | 30.07 | 30.11 | 30.42 | 29.71 | 60.6 | 58.6 | 69.7 | 64.7 | 58.4 | 57.1 | 62.7 | 60.7 | 72.5 | 56.4 | 64.4 | 83 | 36 | 56 | 56 | 58 | 58 | 57 | 86 | 90 | 68 | 79 | 81 |
| Year | 30.01 | 30.04 | 30.44 | 29.31 | 67.6 | 66.5 | 78.3 | 72.4 | 64.5 | 63.7 | 67.8 | 66.1 | 80.8 | 63.8 | 72.3 | 98 | 31 | 62 | 62 | 62 | 62 | 62 | 84 | 86 | 58 | 72 | 75 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Springfield, Mo., 1,324 feet; Syracuse, N. Y., 596 feet.
[2] Airport data.

TATOOSH ISLAND, WASH.

[$H$=98 ft.; $H_b$=86 ft.; $H_t$=9 ft.; $H_r$=3 ft.; $H_a$=61 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 4.54 | 0.85 | 1.0 | 7.8 | 22.4 | e. | 62 | e. | 23 | 5 | 4 | 22 | 17 | 14 | 3 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| February | 2.90 | .81 | T | 7.0 | 13.4 | e. | 50 | e. | 8 | 4 | 11 | 13 | 15 | 11 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 5.71 | 1.05 | T | 7.8 | 15.5 | s. | 54 | s. | 17 | 4 | 6 | 21 | 23 | 19 | 7 | 0 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 4.10 | 1.22 | .0 | 8.5 | 14.5 | e. | 53 | sw. | 7 | 1 | 5 | 24 | 19 | 15 | 0 | 0 | 2 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 1.61 | .58 | .0 | 8.6 | 9.5 | w. | 32 | e. | 1 | 0 | 4 | 27 | 18 | 11 | 0 | 0 | 0 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 5.30 | 2.21 | .0 | 7.6 | 10.7 | w. | 38 | e. | 2 | 4 | 4 | 22 | 12 | 8 | 0 | 0 | 0 | 6 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 3.47 | 1.23 | .0 | 7.5 | 10.9 | s. | 37 | sw. | 4 | 3 | 8 | 20 | 11 | 10 | 0 | 0 | 0 | 16 | 10 | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | .23 | .11 | .0 | 6.9 | 11.5 | s. | 37 | e. | 2 | 5 | 11 | 15 | 10 | 1 | 0 | 0 | 0 | 18 | 14 | 14 | 18 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 1.54 | 1.22 | .0 | 6.5 | 10.1 | s. | 32 | s. | 1 | 8 | 4 | 18 | 6 | 3 | 0 | 0 | 0 | 20 | 8 | 13 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 7.61 | 2.47 | .0 | 7.2 | 14.5 | e. | 47 | s. | 9 | 4 | 10 | 17 | 18 | 13 | 0 | 0 | 0 | 17 | 5 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 9.78 | 2.93 | T | 8.1 | 19.3 | e. | 74 | s. | 21 | 1 | 11 | 18 | 22 | 21 | 2 | 0 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 12.11 | 1.73 | .9 | 8.8 | 16.3 | e. | 59 | s. | 17 | 0 | 6 | 25 | 28 | 27 | 1 | 1 | 8 | 15 | 5 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 1 |
| Year | 58.90 | 2.93 | 1.9 | 7.7 | 14.1 | e. | 74 | s. | 112 | 39 | 84 | 242 | 199 | 153 | 14 | 2 | 23 | 118 | 50 | 54 | 56 | 0 | 0 | 0 | 1 | 0 | 1 |

TERRE HAUTE, IND.

Airport [$H$=488 ft.; $H_b$=488 ft.; $H_t$=4 ft.; $H_r$=4 ft.; $H_a$=36 ft.] City [$H$=575 ft.; $H_b$=575 ft.; $H_t$=68 ft.; $H_r$=61 ft.; $H_a$=149 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.24 | 0.84 | 0.8 | 5.3 | 10.6 | sw. | 34 | sw. | 2 | 12 | 5 | 14 | 8 | 4 | 7 | 3 | 0 | 15 | 7 | 6 | 4 | 9 | 0 | 0 | 26 | 5 | 0 |
| February | 4.05 | 1.51 | 3.8 | 7.3 | 10.1 | nw. | 31 | nw. | 0 | 3 | 9 | 16 | 12 | 5 | 19 | 7 | 0 | 9 | 3 | 3 | 2 | 8 | 0 | 0 | 24 | 0 | 2 |
| March | 3.99 | 1.38 | 7.8 | 7.3 | 11.2 | sw. | 36 | sw. | 1 | 4 | 10 | 17 | 15 | 12 | 8 | 5 | 0 | 10 | 4 | 2 | 1 | 0 | 0 | 0 | 11 | 0 | 3 |
| April | 2.95 | 1.15 | T | 5.0 | 10.8 | s. | 33 | ne. | 2 | 10 | 12 | 8 | 7 | 7 | 2 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 5.02 | 2.21 | .0 | 6.7 | 9.9 | s. | 33 | nw. | 1 | 2 | 19 | 10 | 15 | 11 | 0 | 0 | 1 | 7 | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 12 |
| June | 8.37 | 2.42 | .0 | 6.7 | 7.4 | se. | 36 | sw. | 1 | 6 | 6 | 18 | 17 | 15 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 14 |
| July | 4.39 | 1.18 | .0 | 4.6 | 7.8 | sw. | 27 | nw. | 0 | 10 | 18 | 3 | 12 | 8 | 0 | 0 | 0 | 11 | 4 | 1 | 0 | 0 | 10 | 1 | 0 | 0 | 13 |
| August | 1.32 | .64 | .0 | 6.2 | 7.3 | sw. | 24 | ne. | 0 | 5 | 15 | 11 | 7 | 5 | 0 | 0 | 0 | 13 | 3 | 3 | 2 | 0 | 7 | 0 | 0 | 0 | 4 |
| September | 2.04 | 1.11 | .0 | 4.5 | 8.4 | s. | 27 | nw. | 0 | 12 | 11 | 7 | 8 | 7 | 0 | 0 | 0 | 14 | 2 | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 5 |
| October | 1.88 | 1.28 | T | 5.2 | 8.8 | sw. | 31 | se. | 0 | 9 | 13 | 9 | 8 | 3 | 1 | 0 | 0 | 11 | 4 | 3 | 1 | 0 | 0 | 0 | 3 | 0 | 1 |
| November | 7.62 | 4.06 | T | 6.7 | 11.5 | s. | 32 | sw. | 1 | 6 | 9 | 15 | 12 | 10 | 2 | 0 | 0 | 14 | 3 | 2 | 1 | 0 | 0 | 0 | 9 | 0 | 3 |
| December | 1.48 | .40 | 9.5 | 8.1 | 10.0 | nw. | 31 | nw. | 0 | 3 | 6 | 22 | 15 | 8 | 12 | 8 | 0 | 11 | 5 | 5 | 1 | 12 | 0 | 0 | 24 | 0 | 1 |
| Year | 44.35 | 4.06 | 21.9 | 6.1 | 9.5 | sw. | 36 | sw. | 8 | 82 | 133 | 150 | 136 | 95 | 51 | 23 | 1 | 125 | 38 | 29 | 14 | 29 | 30 | 1 | 98 | 5 | 60 |

TOLEDO, OHIO

Airport [$H$=621 ft.; $H_b$=528 ft.; $H_t$=5 ft.; $H_r$=4 ft.; $H_a$=47 ft.] City [$H$=589 ft.; $H_b$=628 ft.; $H_t$=79 ft.; $H_r$=72 ft.; $H_a$=87 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.75 | 1.07 | 1.1 | 7.1 | 11.4 | w. | 35 | w. | 3 | 6 | 5 | 20 | 8 | 5 | 10 | 4 | 0 | 10 | 4 | 4 | 1 | 12 | 0 | 0 | 30 | 4 | 0 |
| February | 2.70 | .86 | 9.0 | 6.8 | 10.5 | nw. | 27 | n. | 0 | 6 | 6 | 16 | 13 | 10 | 18 | 10 | 0 | 6 | 1 | 0 | 0 | 18 | 0 | 0 | 25 | 0 | 0 |
| March | 3.02 | 1.08 | 2.5 | 7.5 | 11.9 | w. | 35 | w. | 2 | 5 | 5 | 21 | 14 | 11 | 12 | 8 | 0 | 7 | 2 | 2 | 0 | 0 | 0 | 0 | 17 | 0 | 2 |
| April | 2.40 | 1.03 | .8 | 4.1 | 10.1 | sw. | 35 | e. | 1 | 16 | 7 | 7 | 8 | 6 | 3 | 3 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 0 |
| May | 2.51 | .86 | .0 | 5.1 | 9.8 | w. | 28 | nw. | 0 | 14 | 8 | 9 | 11 | 8 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| June | 3.47 | 1.34 | .0 | 3.5 | 8.4 | e. | 23 | w. | 0 | 20 | 6 | 4 | 9 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| July | 3.47 | 1.39 | .0 | 2.3 | 8.6 | w. | 24 | w. | 0 | 25 | 6 | 0 | 8 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 2 | 0 | 0 | 8 |
| August | 3.81 | .96 | .0 | 3.9 | 7.5 | w. | 27 | w. | 0 | 14 | 14 | 3 | 10 | 9 | 0 | 0 | 0 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| September | 2.40 | .65 | T | 3.9 | 8.1 | sw. | 26 | nw. | 0 | 12 | 14 | 4 | 14 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| October | 2.21 | .63 | .0 | 4.9 | 8.6 | w. | 26 | w. | 0 | 15 | 2 | 14 | 11 | 8 | 0 | 0 | 0 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| November | 3.25 | 1.39 | 4.5 | 7.0 | 10.4 | w. | 30 | w. | 0 | 6 | 7 | 17 | 12 | 8 | 7 | 2 | 0 | 7 | 4 | 4 | 3 | 2 | 0 | 0 | 13 | 0 | 1 |
| December | 2.06 | .60 | 8.5 | 7.9 | 10.5 | w. | 37 | w. | 1 | 4 | 6 | 21 | 16 | 10 | 19 | 10 | 0 | 10 | 3 | 3 | 3 | 15 | 0 | 0 | 26 | 0 | 1 |
| Year | 33.05 | 1.39 | 26.4 | 5.3 | 9.6 | w. | 37 | w. | 7 | 143 | 86 | 136 | 134 | 101 | 70 | 37 | 0 | 63 | 20 | 16 | 8 | 47 | 8 | 2 | 118 | 4 | 36 |

TAMPA, FLA.

[$H$=8 ft.; $H_b$=11 ft.; $H_t$=6 ft.; $H_r$=3 ft.; $H_a$=43 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.21 | 1.63 | 0.0 | 4.9 | 10.2 | n. | 29 | s. | 0 | 12 | 7 | 12 | 11 | 8 | 0 | 0 | 0 | 9 | 6 | 5 | 4 | 0 | 0 | 0 | 1 | 0 | 0 |
| February | 3.52 | 2.36 | .0 | 5.1 | 11.4 | n. | 32 | nw. | 1 | 10 | 11 | 7 | 9 | 7 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| March | 5.68 | 1.96 | .0 | 5.9 | 11.6 | e. | 35 | sw. | 3 | 9 | 8 | 13 | 10 | 8 | 0 | 0 | 0 | 9 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 3 |
| April | 1.64 | 1.49 | .0 | 3.8 | 10.4 | e. | 27 | e. | 0 | 14 | 11 | 5 | 4 | 3 | 0 | 0 | 0 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| May | 1.23 | .45 | .0 | 4.6 | 9.1 | e. | 32 | ne. | 1 | 16 | 13 | 2 | 6 | 5 | 0 | 0 | 0 | 6 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 5 |
| June | 6.80 | 2.10 | .0 | 6.1 | 9.0 | e. | 29 | s. | 0 | 7 | 13 | 10 | 16 | 14 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 18 |
| July | 5.28 | 2.19 | .0 | 4.6 | 7.6 | s. | 36 | s. | 2 | 8 | 21 | 2 | 14 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0 | 0 | 23 |
| August | 4.34 | 1.03 | .0 | 5.7 | 8.9 | e. | 40 | s. | 2 | 2 | 24 | 5 | 19 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 20 |
| September | 3.93 | 1.33 | .0 | 7.5 | 8.8 | e. | 38 | s. | 1 | 2 | 12 | 16 | 17 | 14 | 0 | 0 | 0 | 5 | 1 | 1 | 0 | 0 | 18 | 2 | 0 | 0 | 15 |
| October | .03 | .02 | .0 | 2.3 | 9.5 | n. | 25 | ne. | 0 | 23 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | .10 | .10 | .0 | 4.1 | 10.5 | ne. | 27 | ne. | 0 | 13 | 14 | 3 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 2.90 | 1.32 | .0 | 5.5 | 9.2 | n. | 27 | sw. | 0 | 10 | 12 | 9 | 10 | 10 | 0 | 0 | 0 | 15 | 4 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 1 |
| Year | 38.66 | 2.36 | .0 | 5.0 | 9.7 | e. | 40 | s. | 10 | 126 | 155 | 84 | 119 | 95 | 0 | 0 | 1 | 70 | 15 | 17 | 12 | 0 | 87 | 6 | 1 | 0 | 87 |

## TRENTON, N. J.

[$\phi$=40°13′ N.; $\lambda$=74°46′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.87 | 30.08 | 30.37 | 29.10 | 29.1 | 27.4 | 34.3 | 32.4 | 26.5 | 25.0 | 29.7 | 28.7 | 37.9 | 22.6 | 30.2 | 59 | 2 | 21 | 19 | 20 | 20 | 20 | 69 | 70 | 56 | 60 | 64 |
| February | 29.67 | 29.88 | 30.22 | 28.94 | 28.0 | 26.5 | 34.3 | 32.0 | 24.9 | 23.4 | 29.0 | 28.0 | 37.1 | 23.2 | 30.2 | 53 | 9 | 17 | 15 | 17 | 19 | 17 | 62 | 61 | 48 | 57 | 57 |
| March | 29.67 | 29.88 | 30.13 | 28.58 | 39.9 | 39.1 | 47.5 | 44.2 | 36.5 | 36.2 | 40.6 | 38.8 | 51.2 | 35.4 | 43.3 | 68 | 32 | 31 | 32 | 31 | 31 | 32 | 72 | 75 | 56 | 62 | 66 |
| April | 29.84 | 30.04 | 30.18 | 29.41 | 47.9 | 47.5 | 61.9 | 57.1 | 43.0 | 42.7 | 49.6 | 47.6 | 66.0 | 43.0 | 54.5 | 90 | 33 | 37 | 37 | 38 | 38 | 37 | 68 | 69 | 44 | 51 | 58 |
| May | 29.84 | 30.04 | 30.15 | 29.54 | 59.4 | 60.3 | 73.7 | 68.5 | 55.5 | 56.0 | 60.9 | 59.3 | 76.2 | 55.4 | 65.8 | 94 | 43 | 52 | 52 | 52 | 52 | 52 | 79 | 77 | 48 | 59 | 66 |
| June | 29.76 | 29.96 | 30.13 | 29.38 | 65.6 | 66.5 | 77.0 | 74.1 | 62.3 | 62.7 | 65.7 | 65.6 | 79.9 | 62.3 | 71.1 | 90 | 53 | 60 | 60 | 59 | 61 | 60 | 83 | 81 | 56 | 65 | 71 |
| July | 29.78 | 29.98 | 30.08 | 29.42 | 70.7 | 71.5 | 82.7 | 78.0 | 66.7 | 66.5 | 69.6 | 69.6 | 84.7 | 67.3 | 76.0 | 96 | 59 | 65 | 64 | 62 | 65 | 64 | 82 | 77 | 52 | 66 | 70 |
| August | 29.85 | 30.05 | 30.22 | 29.56 | 67.8 | 68.3 | 78.7 | 74.0 | 65.1 | 64.7 | 67.8 | 67.4 | 80.9 | 64.5 | 72.7 | 90 | 52 | 64 | 62 | 62 | 66 | 64 | 87 | 83 | 58 | 72 | 75 |
| September | 29.85 | 30.05 | 30.35 | 29.40 | 62.4 | 62.1 | 74.3 | 68.0 | 59.9 | 59.3 | 64.0 | 62.4 | 76.5 | 58.2 | 67.4 | 90 | 38 | 58 | 57 | 57 | 59 | 58 | 86 | 85 | 57 | 73 | 75 |
| October | 29.86 | 30.06 | 30.33 | 29.32 | 53.2 | 51.5 | 63.9 | 58.2 | 50.6 | 49.1 | 55.5 | 53.8 | 65.7 | 48.8 | 57.2 | 83 | 35 | 48 | 47 | 48 | 50 | 48 | 82 | 84 | 60 | 75 | 75 |
| November | 29.87 | 30.08 | 30.37 | 29.13 | 43.4 | 41.7 | 51.9 | 46.5 | 39.8 | 38.7 | 44.9 | 42.0 | 54.1 | 37.6 | 45.8 | 75 | 24 | 35 | 35 | 37 | 37 | 36 | 71 | 75 | 57 | 69 | 68 |
| December | 29.85 | 30.07 | 30.56 | 28.54 | 29.8 | 28.2 | 34.2 | 32.0 | 27.3 | 26.2 | 30.4 | 28.8 | 37.6 | 23.8 | 30.7 | 58 | −2 | 22 | 22 | 23 | 22 | 22 | 71 | 75 | 62 | 65 | 68 |
| Year | 29.81 | 30.01 | 30.56 | 28.54 | 49.8 | 49.2 | 59.5 | 55.4 | 46.5 | 45.9 | 50.6 | 49.3 | 62.3 | 45.2 | 53.7 | 96 | −2 | 42 | 42 | 42 | 43 | 42 | 76 | 76 | 54 | 64 | 68 |

## TUCSON, ARIZ.

Airport [$\phi$=32°7′ N.; $\lambda$=110°55′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 27.42 | 30.06 | 27.62 | 27.05 | 46.4 | 42.8 | 59.2 | 61.9 | 41.0 | 38.3 | 46.5 | 48.0 | 66.9 | 39.0 | 53.0 | 82 | 27 | 35 | 33 | 33 | 34 | 34 | 66 | 71 | 40 | 38 | 54 |
| February | 27.28 | 29.90 | 27.45 | 27.07 | 45.2 | 40.4 | 57.5 | 61.5 | 38.1 | 35.6 | 44.4 | 46.0 | 64.9 | 36.8 | 50.8 | 78 | 28 | 29 | 29 | 29 | 28 | 29 | 55 | 66 | 37 | 32 | 47 |
| March | 27.29 | 29.90 | 27.61 | 26.97 | 49.7 | 43.4 | 64.1 | 68.7 | 41.0 | 37.2 | 47.2 | 48.9 | 71.6 | 39.9 | 55.8 | 85 | 28 | 30 | 29 | 28 | 27 | 29 | 49 | 59 | 28 | 23 | 40 |
| April | 27.25 | 29.84 | 27.45 | 27.06 | 58.3 | 50.8 | 72.1 | 74.8 | 46.9 | 43.1 | 52.7 | 52.7 | 79.3 | 47.8 | 63.6 | 92 | 37 | 36 | 35 | 35 | 31 | 34 | 46 | 57 | 28 | 24 | 39 |
| May | 27.24 | 29.80 | 27.40 | 27.10 | 65.8 | 56.4 | 84.1 | 88.8 | 47.9 | 43.7 | 55.9 | 57.1 | 91.4 | 54.8 | 73.1 | 103 | 45 | 29 | 29 | 30 | 27 | 29 | 25 | 35 | 14 | 11 | 21 |
| June | 27.21 | 29.74 | 27.36 | 27.06 | 77.1 | 66.0 | 93.5 | 98.7 | 54.3 | 49.6 | 60.8 | 61.4 | 101.2 | 64.6 | 82.9 | 109 | 56 | 33 | 33 | 35 | 30 | 33 | 21 | 30 | 13 | 9 | 18 |
| July | 27.31 | 29.82 | 27.47 | 27.15 | 83.8 | 77.8 | 95.8 | 98.7 | 65.7 | 64.5 | 68.9 | 68.5 | 103.7 | 75.8 | 89.8 | 110 | 70 | 56 | 57 | 55 | 52 | 55 | 41 | 50 | 26 | 22 | 35 |
| August | 27.27 | 29.80 | 27.44 | 27.09 | 80.2 | 74.4 | 90.7 | 94.0 | 66.5 | 65.6 | 69.1 | 68.9 | 98.2 | 72.1 | 85.2 | 104 | 64 | 59 | 61 | 58 | 56 | 58 | 51 | 64 | 35 | 30 | 45 |
| September | 27.26 | 29.80 | 27.43 | 27.09 | 76.4 | 70.5 | 89.5 | 91.0 | 61.8 | 59.0 | 65.5 | 65.3 | 95.6 | 67.6 | 81.6 | 102 | 62 | 52 | 51 | 51 | 49 | 50 | 46 | 52 | 29 | 28 | 39 |
| October | 27.32 | 29.89 | 27.53 | 26.98 | 64.2 | 59.2 | 77.4 | 77.7 | 52.3 | 50.3 | 57.6 | 57.1 | 83.2 | 55.7 | 69.4 | 94 | 38 | 42 | 43 | 42 | 40 | 42 | 47 | 56 | 30 | 29 | 40 |
| November | 27.34 | 29.94 | 27.57 | 27.08 | 56.4 | 51.2 | 72.3 | 72.9 | 45.1 | 42.5 | 52.8 | 52.6 | 78.9 | 47.4 | 63.2 | 86 | 28 | 33 | 32 | 35 | 34 | 33 | 41 | 50 | 26 | 24 | 35 |
| December | 27.40 | 30.03 | 27.63 | 27.00 | 48.0 | 44.4 | 62.1 | 62.7 | 40.9 | 38.3 | 48.0 | 47.7 | 69.0 | 39.5 | 54.2 | 78 | 29 | 32 | 31 | 34 | 32 | 32 | 56 | 60 | 36 | 33 | 46 |
| Year | 27.30 | 29.88 | 27.63 | 26.97 | 62.6 | 56.4 | 76.5 | 79.3 | 50.1 | 47.3 | 55.8 | 56.2 | 83.7 | 53.4 | 68.6 | 110 | 27 | 39 | 39 | 39 | 37 | 38 | 45 | 54 | 28 | 25 | 38 |

## VALENTINE, NEBR.

City [$\phi$=42°50′ N.; $\lambda$=100°32′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 27.37 | 30.20 | 27.75 | 26.91 | 19.9 | 16.6 | 30.0 | 28.5 | 18.0 | 15.2 | 24.9 | 24.4 | 36.4 | 11.7 | 24.0 | 57 | −23 | 14 | 12 | 16 | 18 | 15 | 77 | 79 | 57 | 64 | 69 |
| February | 27.26 | 30.08 | 27.50 | 26.90 | 21.2 | 18.3 | 27.2 | 28.3 | 19.8 | 17.4 | 24.0 | 24.9 | 33.4 | 14.0 | 23.7 | 53 | −12 | 17 | 15 | 18 | 19 | 17 | 85 | 85 | 68 | 69 | 77 |
| March | 27.16 | 29.93 | 27.63 | 26.70 | 30.6 | 27.5 | 37.2 | 38.6 | 28.6 | 26.1 | 32.4 | 33.5 | 42.9 | 24.7 | 33.8 | 67 | 13 | 26 | 24 | 26 | 27 | 25 | 80 | 85 | 64 | 64 | 74 |
| April | 27.19 | 29.91 | 27.62 | 26.60 | 45.7 | 42.0 | 55.3 | 58.3 | 41.4 | 39.1 | 45.7 | 47.2 | 62.6 | 38.4 | 50.5 | 83 | 24 | 37 | 36 | 36 | 36 | 36 | 72 | 80 | 52 | 47 | 63 |
| May | 27.20 | 29.91 | 27.59 | 26.67 | 48.8 | 45.6 | 57.9 | 59.0 | 46.3 | 44.2 | 49.9 | 50.4 | 63.4 | 42.0 | 52.7 | 87 | 30 | 44 | 43 | 43 | 43 | 43 | 86 | 90 | 62 | 61 | 75 |
| June | 27.23 | 29.91 | 27.65 | 26.93 | 61.5 | 57.9 | 70.4 | 71.3 | 58.5 | 55.7 | 59.5 | 60.7 | 75.1 | 55.2 | 65.2 | 84 | 42 | 56 | 54 | 52 | 54 | 54 | 84 | 88 | 54 | 57 | 71 |
| July | 27.30 | 29.96 | 27.64 | 27.00 | 67.5 | 63.0 | 81.0 | 83.2 | 60.9 | 59.3 | 64.5 | 65.3 | 87.5 | 60.2 | 73.8 | 101 | 50 | 57 | 57 | 55 | 55 | 56 | 70 | 82 | 43 | 40 | 59 |
| August | 27.27 | 29.93 | 27.58 | 27.02 | 67.6 | 62.2 | 79.5 | 81.4 | 60.8 | 58.6 | 63.7 | 63.8 | 85.8 | 59.8 | 72.8 | 98 | 47 | 57 | 56 | 56 | 54 | 56 | 70 | 82 | 44 | 40 | 59 |
| September | 27.30 | 30.01 | 27.63 | 26.98 | 52.9 | 48.7 | 64.6 | 65.7 | 48.6 | 46.3 | 52.5 | 52.3 | 71.0 | 44.5 | 57.8 | 98 | 25 | 45 | 44 | 43 | 42 | 43 | 75 | 85 | 49 | 45 | 65 |
| October | 27.28 | 30.02 | 27.67 | 26.87 | 45.1 | 39.0 | 59.0 | 57.7 | 39.6 | 36.1 | 45.7 | 45.1 | 64.3 | 36.1 | 50.2 | 91 | 14 | 34 | 33 | 33 | 33 | 33 | 66 | 78 | 39 | 41 | 56 |
| November | 27.22 | 29.99 | 27.78 | 26.51 | 31.7 | 28.4 | 43.6 | 40.5 | 27.3 | 25.5 | 34.9 | 32.7 | 49.9 | 22.4 | 36.2 | 73 | 1 | 21 | 20 | 23 | 21 | 22 | 66 | 72 | 49 | 48 | 59 |
| December | 27.26 | 30.07 | 27.80 | 26.93 | 24.4 | 21.7 | 30.9 | 30.8 | 22.3 | 20.1 | 27.2 | 27.1 | 38.8 | 15.7 | 27.2 | 53 | −10 | 18 | 17 | 21 | 21 | 19 | 76 | 80 | 66 | 66 | 73 |
| Year | 27.25 | 29.99 | 27.80 | 26.51 | 43.1 | 39.2 | 53.0 | 53.6 | 39.3 | 37.0 | 43.7 | 44.0 | 59.3 | 35.4 | 47.3 | 101 | −23 | 36 | 34 | 35 | 35 | 35 | 76 | 82 | 54 | 54 | 66 |

## VICKSBURG, MISS.

[$\phi$=32°22′ N.; $\lambda$=90°53′ W.]

| Month | Station level | Sea level | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Maximum | Minimum | Monthly | Maximum | Minimum | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly | 1:30 a. m. | 7:30 a. m. | 1:30 p. m. | 7:30 p. m. | Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.92 | 30.20 | 30.36 | 29.37 | 35.8 | 32.8 | 51.2 | 42.1 | 33.5 | 30.8 | 43.3 | 37.7 | 54.4 | 35.2 | 44.8 | 74 | 10 | 30 | 28 | 34 | 32 | 31 | 79 | 80 | 54 | 66 | 70 |
| February | 29.79 | 30.06 | 30.13 | 29.13 | 40.8 | 37.3 | 51.4 | 47.6 | 38.1 | 35.3 | 44.1 | 42.3 | 55.4 | 38.7 | 47.0 | 72 | 25 | 34 | 32 | 35 | 36 | 34 | 79 | 82 | 57 | 65 | 73 |
| March | 29.68 | 29.95 | 30.09 | 29.25 | 50.8 | 44.6 | 62.3 | 60.0 | 47.3 | 42.7 | 53.1 | 52.1 | 66.6 | 48.2 | 57.4 | 83 | 33 | 44 | 41 | 44 | 44 | 43 | 78 | 87 | 56 | 59 | 70 |
| April | 29.79 | 30.05 | 30.11 | 29.37 | 57.3 | 53.9 | 72.8 | 68.9 | 54.5 | 52.3 | 61.9 | 60.3 | 76.7 | 57.3 | 67.0 | 89 | 40 | 52 | 51 | 54 | 54 | 53 | 84 | 91 | 56 | 61 | 73 |
| May | 29.74 | 30.00 | 29.93 | 29.41 | 61.2 | 61.1 | 78.7 | 73.9 | 59.4 | 59.8 | 67.7 | 66.7 | 81.1 | 62.3 | 71.7 | 94 | 52 | 58 | 59 | 62 | 63 | 60 | 91 | 93 | 57 | 69 | 77 |
| June | 29.67 | 29.93 | 29.91 | 29.45 | 70.5 | 71.3 | 86.0 | 80.6 | 69.0 | 69.7 | 75.4 | 73.7 | 87.8 | 70.9 | 79.4 | 96 | 66 | 68 | 69 | 71 | 71 | 70 | 92 | 92 | 62 | 73 | 80 |
| July | 29.81 | 30.07 | 29.99 | 29.66 | 72.7 | 73.3 | 88.8 | 84.8 | 71.0 | 71.8 | 77.2 | 76.4 | 90.0 | 73.8 | 81.9 | 96 | 70 | 70 | 71 | 73 | 73 | 72 | 92 | 93 | 60 | 70 | 79 |
| August | 29.76 | 30.02 | 29.91 | 29.66 | 72.5 | 71.5 | 88.2 | 81.4 | 70.8 | 70.2 | 77.1 | 75.0 | 89.1 | 73.0 | 81.0 | 93 | 69 | 70 | 70 | 73 | 72 | 71 | 93 | 94 | 61 | 75 | 81 |
| September | 29.78 | 30.03 | 30.08 | 29.48 | 64.0 | 61.7 | 81.8 | 73.4 | 62.5 | 60.5 | 69.8 | 68.5 | 83.9 | 64.3 | 74.1 | 92 | 41 | 62 | 60 | 64 | 66 | 63 | 92 | 93 | 55 | 78 | 80 |
| October | 29.76 | 30.02 | 30.03 | 29.35 | 55.0 | 51.9 | 76.6 | 64.0 | 53.5 | 50.7 | 63.8 | 59.9 | 78.1 | 58.1 | 68.1 | 87 | 40 | 52 | 50 | 56 | 57 | 54 | 91 | 93 | 52 | 80 | 79 |
| November | 29.85 | 30.11 | 30.23 | 29.40 | 50.9 | 46.2 | 67.5 | 56.8 | 48.7 | 44.8 | 56.5 | 52.2 | 71.4 | 49.9 | 60.6 | 83 | 35 | 46 | 43 | 47 | 48 | 46 | 85 | 90 | 50 | 74 | 75 |
| December | 29.84 | 30.11 | 30.24 | 29.27 | 44.6 | 42.1 | 55.0 | 48.3 | 42.7 | 40.5 | 49.3 | 44.8 | 59.2 | 41.5 | 50.4 | 79 | 34 | 41 | 39 | 44 | 41 | 41 | 86 | 88 | 68 | 78 | 80 |
| Year | 29.78 | 30.04 | 30.36 | 29.13 | 56.3 | 54.0 | 71.7 | 65.2 | 54.2 | 52.4 | 61.6 | 59.1 | 74.5 | 56.1 | 65.3 | 96 | 10 | 52 | 51 | 55 | 55 | 53 | 87 | 90 | 57 | 71 | 76 |

TRENTON, N. J.

[$H$=56 ft.; $H_b$=190 ft.; $H_l$=89 ft.; $H_r$=84 ft.; $H_a$=107 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 22 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | In. | In. | In. | | Mi. | | Mi. | | | | | | | | | | | | | | | | | | | | |
| January | 2.82 | 0.79 | 6.4 | 5.5 | 9.6 | nw. | 31 | w. | 0 | 11 | 8 | 12 | 9 | 9 | 6 | 4 | 0 | 5 | 1 | 1 | 1 | 8 | 0 | 0 | 26 | 0 | 1 |
| February | 2.08 | .93 | .4 | 5.3 | 12.3 | nw. | 34 | ne. | 1 | 11 | 8 | 9 | 5 | 4 | 6 | 1 | 0 | 6 | 4 | 1 | 0 | 7 | 0 | 0 | 25 | 0 | 0 |
| March | 5.47 | 1.01 | 1.7 | 6.3 | 10.8 | nw. | 38 | s. | 4 | 8 | 10 | 13 | 13 | 12 | 5 | 2 | 1 | 10 | 2 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | 1 |
| April | 1.27 | 1.19 | .0 | 5.8 | 9.7 | nw. | 26 | n. | 0 | 9 | 8 | 13 | 4 | 2 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 1.95 | 1.24 | .0 | 5.6 | 8.8 | s. | 26 | se. | 0 | 8 | 13 | 10 | 7 | 5 | 0 | 0 | 0 | 13 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| June | 1.24 | .48 | .0 | 6.5 | 7.4 | s. | 22 | nw. | 0 | 5 | 11 | 14 | 13 | 8 | 0 | 0 | 0 | 18 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 4 |
| July | 4.35 | 1.00 | .0 | 6.0 | 7.2 | s. | 26 | sw. | 0 | 8 | 13 | 10 | 15 | 12 | 0 | 0 | 0 | 13 | 1 | 1 | 1 | 0 | 4 | 1 | 0 | 0 | 10 |
| August | 4.69 | 1.78 | .0 | 6.3 | 6.4 | s. | 28 | sw. | 0 | 5 | 11 | 15 | 9 | 9 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 |
| September | 2.09 | .90 | .0 | 5.0 | 7.2 | n. | 31 | nw. | 0 | 12 | 7 | 11 | 9 | 5 | 0 | 0 | 0 | 11 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 3 |
| October | 3.51 | 1.43 | .0 | 5.5 | 8.0 | s. | 24 | nw. | 0 | 10 | 7 | 14 | 10 | 7 | 0 | 0 | 0 | 14 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 3.17 | .90 | T | 5.5 | 9.6 | nw. | 32 | s. | 1 | 12 | 6 | 12 | 9 | 8 | 1 | 0 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 2 |
| December | 4.27 | 1.56 | 7.1 | 6.6 | 9.8 | nw. | 33 | w. | 1 | 5 | 12 | 14 | 15 | 11 | 10 | 6 | 0 | 13 | 6 | 6 | 4 | 6 | 0 | 0 | 23 | 2 | 2 |
| Year | 36.91 | 1.78 | 15.6 | 5.8 | 8.9 | nw. | 38 | s. | 7 | 104 | 114 | 147 | 118 | 92 | 28 | 13 | 1 | 135 | 25 | 18 | 12 | 21 | 7 | 1 | 84 | 2 | 31 |

TUCSON, ARIZ.

Airport [$H$=2,555 ft.; $H_b$=2,555 ft.; $H_l$=6 ft.; $H_r$=4 ft.; $H_a$=30 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.50 | 0.38 | 0.0 | 4.6 | ..... | se. | ..... | ..... | ..... | 9 | 16 | 6 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| February | 1.92 | 1.49 | T | 5.6 | ..... | se. | ..... | ..... | ..... | 10 | 8 | 10 | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| March | .23 | .23 | .0 | 3.7 | ..... | se. | ..... | ..... | ..... | 16 | 8 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| April | .79 | .68 | .0 | 3.9 | ..... | nw. | ..... | ..... | ..... | 13 | 11 | 6 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| May | .00 | .00 | .0 | 1.5 | ..... | w. | ..... | ..... | ..... | 25 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 12 | 0 | 0 | 0 |
| June | .00 | .00 | .0 | 1.8 | ..... | w. | ..... | ..... | ..... | 24 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 27 | 0 | 0 | 0 |
| July | .68 | .29 | .0 | 4.2 | ..... | s. | ..... | ..... | ..... | 14 | 14 | 3 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 29 | 0 | 0 | 13 |
| August | .90 | .49 | .0 | 4.1 | ..... | nw. | ..... | ..... | ..... | 15 | 10 | 6 | 9 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | 0 | 0 | 11 |
| September | 1.78 | .93 | .0 | 2.5 | ..... | se. | ..... | ..... | ..... | 21 | 5 | 4 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 18 | 0 | 0 | 4 |
| October | .60 | .22 | .0 | 3.5 | ..... | se. | ..... | ..... | ..... | 17 | 10 | 4 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 4 |
| November | T | T | .0 | 2.4 | ..... | se. | ..... | ..... | ..... | 21 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| December | .47 | .24 | .0 | 3.1 | ..... | se. | ..... | ..... | ..... | 18 | 7 | 6 | 4 | 4 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 1 |
| Year | 7.87 | 1.49 | T | 3.4 | ..... | se. | ..... | ..... | ..... | 203 | 106 | 56 | 44 | 28 | 2 | 1 | 3 | 2 | 1 | 1 | 1 | 0 | 146 | 111 | 16 | 0 | 34 |

VALENTINE, NEBR.

[$H$=2,581 ft.; $H_b$=2,598 ft.; $H_l$=46 ft.; $H_r$=36 ft.; $H_a$=54 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.13 | .08 | 0.7 | 4.8 | 9.0 | w. | 31 | nw. | 0 | 12 | 10 | 9 | 4 | 1 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 30 | 9 | 0 |
| February | .97 | .54 | 9.7 | 6.6 | 7.0 | n. | 26 | n. | 0 | 6 | 8 | 14 | 8 | 5 | 17 | 8 | 0 | 0 | 0 | 0 | 3 | 13 | 0 | 0 | 28 | 6 | 0 |
| March | 1.96 | .60 | 15.0 | 6.3 | 11.1 | nw. | 34 | nw. | 2 | 9 | 7 | 15 | 7 | 4 | 15 | 7 | 0 | 3 | 1 | 0 | 2 | 4 | 0 | 0 | 29 | 0 | 2 |
| April | 3.50 | 1.61 | T | 6.5 | 11.8 | s. | 32 | se. | 2 | 5 | 11 | 14 | 9 | 5 | 2 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 9 | 0 | 4 |
| May | 5.59 | 2.48 | 5.5 | 7.0 | 10.8 | n. | 30 | s. | 0 | 4 | 11 | 16 | 12 | 9 | 2 | 1 | 1 | 0 | 4 | 2 | 1 | 0 | 0 | 0 | 5 | 0 | 8 |
| June | 2.98 | 1.18 | .0 | 6.3 | 8.8 | n. | 31 | se. | 0 | 6 | 15 | 9 | 14 | 11 | 0 | 0 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 15 |
| July | 3.05 | 1.54 | .0 | 4.5 | 7.7 | n. | 30 | w. | 0 | 11 | 18 | 2 | 11 | 8 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 13 | 4 | 0 | 0 | 16 |
| August | 1.27 | .79 | .0 | 4.5 | 8.9 | s. | 31 | sw. | 0 | 12 | 14 | 5 | 5 | 4 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 10 | 2 | 0 | 0 | 8 |
| September | .86 | .44 | .2 | 5.4 | 8.3 | s. | 38 | nw. | 1 | 10 | 8 | 12 | 6 | 4 | 1 | 1 | 0 | 3 | 5 | 1 | 1 | 0 | 2 | 1 | 5 | 0 | 3 |
| October | .59 | .39 | T | 5.1 | 8.7 | w. | 33 | nw. | 1 | 11 | 9 | 11 | 4 | 3 | 1 | 0 | 0 | 3 | 1 | 1 | 2 | 1 | 1 | 0 | 10 | 0 | 2 |
| November | .28 | .15 | 2.5 | 5.9 | 8.7 | w. | 34 | s. | 1 | 6 | 13 | 11 | 4 | 3 | 9 | 4 | 0 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 26 | 0 | 0 |
| December | .11 | .08 | 0.7 | 6.3 | .80 | w. | 26 | nw. | 0 | 9 | 6 | 16 | 3 | 1 | 9 | 2 | 0 | 7 | 3 | 0 | 0 | 8 | 0 | 0 | 30 | 2 | 0 |
| Year | 21.29 | 2.48 | 34.9 | 5.8 | 9.1 | w. | 38 | nw. | 7 | 101 | 130 | 134 | 87 | 58 | 65 | 26 | 8 | 25 | 18 | 5 | 11 | 41 | 26 | 7 | 172 | 17 | 58 |

VICKSBURG, MISS.

[$H$=234 ft.; $H_b$=247 ft.; $H_l$=82 ft.; $H_r$=74 ft.; $H_a$=102 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.88 | 0.71 | T | 4.5 | 9.1 | n. | 30 | w. | 0 | 14 | 7 | 10 | 5 | 5 | 2 | 0 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 0 | 10 | 0 | 2 |
| February | 3.82 | 2.69 | T | 6.8 | 9.5 | n. | 29 | sw. | 0 | 6 | 5 | 17 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 2 |
| March | 5.48 | 1.62 | T | 5.6 | 10.1 | s. | 25 | se. | 0 | 11 | 6 | 14 | 11 | 11 | 1 | 0 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| April | 2.65 | 1.23 | 0.0 | 6.2 | 9.0 | se. | 23 | sw. | 0 | 6 | 10 | 14 | 7 | 5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| May | 5.15 | 3.76 | .0 | 5.9 | 7.5 | se. | 38 | w. | 1 | 4 | 16 | 11 | 8 | 7 | 0 | 0 | 0 | 4 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 8 |
| June | 4.11 | 2.07 | .0 | 6.4 | 7.0 | s. | 23 | nw. | 0 | 4 | 15 | 11 | 15 | 10 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 16 |
| July | .39 | .15 | .0 | 5.1 | 6.3 | sw. | 27 | ne. | 0 | 8 | 15 | 8 | 7 | 3 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 19 | 1 | 0 | 0 | 9 |
| August | 2.05 | .81 | .0 | 6.4 | 7.4 | e. | 23 | sw. | 0 | 4 | 14 | 13 | 11 | 7 | 0 | 0 | | 2 | 1 | 0 | 1 | 0 | 11 | 0 | 0 | 0 | 11 |
| September | 1.81 | .83 | .0 | 4.8 | 7.8 | n. | 23 | sw. | 0 | 11 | 14 | 5 | 6 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 5 |
| October | 3.73 | 2.53 | .0 | 4.5 | 7.5 | n. | 24 | s. | 0 | 12 | 11 | 8 | 5 | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | 1.13 | .85 | .0 | 4.0 | 9.2 | se. | 28 | se. | 0 | 16 | 6 | 8 | 5 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| December | 5.59 | 3.22 | .0 | 6.6 | 9.2 | n. | 30 | nw. | 0 | 7 | 6 | 18 | 11 | 7 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Year | 37.79 | 3.76 | T | 5.6 | 8.3 | se. | 38 | w. | 1 | 103 | 125 | 137 | 97 | 72 | 4 | 0 | 3 | 20 | 7 | 0 | 7 | 2 | 56 | 2 | 17 | 0 | 71 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

WALLA WALLA, WASH.
[$\phi$=46°02′ N.; $\lambda$=118°20′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 29.24 | 30.37 | 29.64 | 28.61 | | | | 25.1 | | | | 23.8 | 28.5 | 19.3 | 23.9 | 56 | 0 | | | | 21 | | | | | 85 | |
| February | 28.98 | 30.08 | 29.32 | 28.52 | | | | 42.3 | | | | 37.4 | 44.5 | 31.7 | 38.1 | 55 | 22 | | | | 31 | | | | | 66 | |
| March | 28.99 | 30.06 | 29.35 | 28.53 | | | | 54.9 | | | | 43.2 | 56.6 | 37.4 | 47.0 | 79 | 30 | | | | 28 | | | | | 38 | |
| April | 28.82 | 29.88 | 29.27 | 28.39 | | | | 63.7 | | | | 49.7 | 65.7 | 44.9 | 55.3 | 85 | 36 | | | | 35 | | | | | 36 | |
| May | 28.90 | 29.95 | 29.26 | 28.53 | | | | 66.1 | | | | 53.0 | 68.3 | 48.0 | 58.2 | 88 | 36 | | | | 41 | | | | | 43 | |
| June | 28.91 | 29.96 | 29.15 | 28.60 | | | | 74.3 | | | | 56.3 | 75.7 | 53.5 | 64.6 | 98 | 48 | | | | 41 | | | | | 32 | |
| July | 28.90 | 29.94 | 29.16 | 28.62 | | | | 88.8 | | | | 63.4 | 90.2 | 63.6 | 76.9 | 106 | 54 | | | | 45 | | | | | 25 | |
| August | 28.85 | 29.88 | 29.10 | 28.59 | | | | 89.2 | | | | 62.9 | 90.3 | 62.4 | 76.4 | 105 | 47 | | | | 44 | | | | | 22 | |
| September | 28.91 | 29.96 | 29.30 | 28.64 | | | | 79.6 | | | | 58.1 | 80.9 | 54.9 | 67.9 | 93 | 41 | | | | 40 | | | | | 26 | |
| October | 29.01 | 30.07 | 29.35 | 28.66 | | | | 65.6 | | | | 52.4 | 68.4 | 46.5 | 57.4 | 85 | 34 | | | | 41 | | | | | 42 | |
| November | 28.95 | 30.03 | 29.53 | 28.04 | | | | 43.0 | | | | 39.3 | 47.1 | 35.2 | 41.2 | 67 | 24 | | | | 35 | | | | | 75 | |
| December | 28.99 | 30.07 | 29.37 | 28.50 | | | | 40.9 | | | | 37.8 | 44.8 | 32.8 | 38.8 | 64 | 24 | | | | 34 | | | | | 79 | |
| Year | 28.95 | 30.02 | 29.64 | 28.04 | | | | 61.1 | | | | 48.1 | 63.4 | 44.2 | 53.8 | 106 | 0 | | | | 36 | | | | | 47 | |

WASHINGTON, D. C.
Airport [$\phi$=38°52′ N.; $\lambda$=77°03′ W.] City [$\phi$=38°54′ N.; $\lambda$=77°03′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | (2) | (2) | (2) | (2) | | (2) | (2) | (2) | (2) | (2) |
| January | 29.97 | 30.10 | 30.48 | 29.24 | 32.6 | 30.8 | 39.3 | 37.1 | 29.7 | 28.5 | 33.9 | 32.4 | 42.4 | 27.3 | 34.8 | 65 | 7 | 25 | 24 | 25 | 24 | 24 | 73 | 76 | 56 | 59 | 66 |
| February | 29.82 | 29.95 | 30.31 | 29.13 | 31.4 | 28.6 | 38.2 | 36.6 | 27.4 | 25.6 | 31.7 | 30.8 | 41.9 | 26.4 | 34.2 | 59 | 12 | 19 | 18 | 19 | 19 | 19 | 57 | 64 | 44 | 48 | 53 |
| March | 29.77 | 29.90 | 30.19 | 28.62 | 43.7 | 40.9 | 51.6 | 50.1 | 39.6 | 37.6 | 43.4 | 42.8 | 56.1 | 38.6 | 47.4 | 76 | 30 | 34 | 33 | 33 | 34 | 34 | 71 | 74 | 52 | 56 | 63 |
| April | 29.94 | 30.06 | 30.24 | 29.53 | 52.4 | 50.2 | 66.1 | 62.8 | 47.6 | 45.5 | 52.5 | 51.6 | 70.8 | 47.3 | 59.0 | 92 | 35 | 41 | 40 | 40 | 41 | 41 | 66 | 70 | 41 | 48 | 56 |
| May | 29.91 | 30.03 | 30.20 | 29.62 | 63.5 | 62.2 | 74.7 | 71.5 | 58.4 | 57.7 | 62.7 | 61.5 | 78.7 | 59.5 | 69.1 | 96 | 48 | 55 | 54 | 55 | 56 | 55 | 74 | 76 | 51 | 61 | 66 |
| June | 29.85 | 29.97 | 30.17 | 29.48 | 69.6 | 69.4 | 79.1 | 77.0 | 65.6 | 65.4 | 68.4 | 68.4 | 82.8 | 66.0 | 74.4 | 95 | 58 | 63 | 63 | 62 | 64 | 63 | 81 | 81 | 59 | 66 | 72 |
| July | 29.88 | 30.00 | 30.13 | 29.64 | 74.1 | 73.7 | 84.4 | 80.6 | 69.6 | 68.6 | 71.9 | 71.5 | 87.7 | 69.9 | 78.8 | 99 | 64 | 67 | 66 | 66 | 67 | 67 | 80 | 78 | 55 | 66 | 70 |
| August | 29.94 | 30.06 | 30.31 | 29.64 | 70.9 | 70.1 | 79.8 | 75.7 | 67.6 | 66.7 | 69.8 | 70.1 | 83.2 | 66.9 | 75.0 | 93 | 51 | 66 | 65 | 64 | 67 | 66 | 85 | 84 | 61 | 76 | 74 |
| September | 29.94 | 30.06 | 30.45 | 29.50 | 66.2 | 64.6 | 76.5 | 71.6 | 62.9 | 61.6 | 65.8 | 65.4 | 79.7 | 61.2 | 70.4 | 91 | 38 | 60 | 60 | 59 | 61 | 60 | 83 | 84 | 56 | 71 | 74 |
| October | 29.93 | 30.06 | 30.35 | 29.44 | 56.2 | 54.0 | 65.4 | 61.5 | 53.1 | 51.6 | 56.8 | 56.3 | 68.6 | 52.0 | 60.3 | 81 | 31 | 50 | 49 | 49 | 52 | 50 | 81 | 85 | 60 | 72 | 74 |
| November | 30.00 | 30.11 | 30.43 | 29.31 | 45.1 | 43.3 | 54.1 | 49.0 | 41.5 | 39.8 | 45.7 | 43.4 | 56.9 | 39.7 | 48.3 | 79 | 25 | 37 | 35 | 36 | 37 | 36 | 73 | 73 | 51 | 63 | 65 |
| December | 29.97 | 30.10 | 30.60 | 28.84 | 33.1 | 31.0 | 37.7 | 35.8 | 30.5 | 28.7 | 33.3 | 32.4 | 41.8 | 27.9 | 34.8 | 50 | 4 | 25 | 24 | 25 | 26 | 25 | 73 | 75 | 62 | 68 | 70 |
| Year | 29.91 | 30.03 | 30.60 | 28.62 | 53.2 | 51.6 | 62.2 | 59.1 | 49.5 | 48.1 | 53.0 | 52.2 | 65.9 | 48.6 | 57.2 | 99 | 4 | 45 | 44 | 44 | 46 | 45 | 75 | 77 | 54 | 63 | 67 |

WICHITA, KANS.
Airport [$\phi$=37°38′ N.; $\lambda$=97°16′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (1) | (1) | | | | | | | | | | | | | | | | | | | | | | | |
| January | 28.72 | 30.21 | 29.18 | 28.18 | 27.3 | 23.6 | 36.7 | 34.9 | 25.5 | 22.5 | 31.4 | 30.6 | 43.2 | 20.7 | 32.0 | 63 | −2 | 23 | 21 | 24 | 24 | 23 | 83 | 89 | 62 | 67 | 75 |
| February | 28.56 | 30.04 | 28.97 | 27.98 | 30.5 | 27.3 | 37.5 | 37.0 | 28.9 | 26.4 | 33.6 | 33.3 | 43.4 | 24.3 | 33.8 | 65 | 2 | 26 | 25 | 28 | 28 | 27 | 84 | 91 | 68 | 71 | 79 |
| March | 28.44 | 29.89 | 29.00 | 27.86 | 40.1 | 36.2 | 50.4 | 51.9 | 36.7 | 34.0 | 41.9 | 42.7 | 57.9 | 33.5 | 45.7 | 76 | 24 | 32 | 31 | 31 | 32 | 31 | 74 | 81 | 51 | 48 | 64 |
| April | 28.49 | 29.92 | 28.88 | 27.98 | 54.0 | 51.7 | 63.6 | 64.2 | 51.1 | 49.5 | 55.0 | 55.5 | 68.8 | 49.2 | 59.0 | 87 | 33 | 48 | 48 | 48 | 49 | 48 | 83 | 87 | 61 | 61 | 73 |
| May | 28.49 | 29.90 | 28.88 | 27.98 | 58.4 | 55.0 | 68.9 | 70.5 | 54.9 | 52.6 | 59.1 | 59.8 | 74.6 | 52.5 | 63.6 | 92 | 38 | 52 | 51 | 52 | 52 | 52 | 81 | 86 | 56 | 55 | 69 |
| June | 28.47 | 29.88 | 28.79 | 28.19 | 68.3 | 66.9 | 78.0 | 78.5 | 65.3 | 63.8 | 67.4 | 68.7 | 83.7 | 63.5 | 73.6 | 93 | 48 | 64 | 62 | 62 | 64 | 63 | 86 | 89 | 60 | 63 | 74 |
| July | 28.56 | 29.96 | 28.80 | 28.38 | 74.8 | 70.2 | 87.7 | 87.4 | 69.0 | 66.9 | 71.9 | 71.8 | 92.3 | 69.2 | 80.8 | 101 | 63 | 66 | 65 | 65 | 65 | 66 | 76 | 85 | 47 | 48 | 64 |
| August | 28.55 | 29.95 | 28.79 | 28.42 | 71.6 | 68.3 | 82.5 | 81.5 | 67.7 | 65.6 | 70.8 | 70.7 | 87.3 | 67.2 | 77.2 | 101 | 56 | 66 | 64 | 65 | 66 | 65 | 83 | 88 | 58 | 62 | 72 |
| September | 28.58 | 30.00 | 28.96 | 28.24 | 62.7 | 58.8 | 72.5 | 70.5 | 59.4 | 57.0 | 63.2 | 62.6 | 77.7 | 57.3 | 67.5 | 91 | 32 | 57 | 55 | 57 | 58 | 57 | 82 | 88 | 61 | 65 | 74 |
| October | 28.57 | 30.00 | 28.86 | 28.06 | 54.3 | 51.0 | 64.2 | 60.6 | 51.1 | 48.6 | 54.9 | 54.1 | 68.6 | 49.2 | 58.9 | 82 | 28 | 48 | 46 | 48 | 49 | 48 | 81 | 84 | 57 | 67 | 72 |
| November | 28.55 | 30.01 | 29.08 | 27.92 | 44.0 | 41.0 | 51.6 | 47.7 | 40.4 | 38.8 | 44.5 | 42.7 | 57.2 | 36.4 | 46.8 | 77 | 18 | 36 | 36 | 37 | 37 | 37 | 75 | 82 | 60 | 69 | 72 |
| December | 28.62 | 30.10 | 29.10 | 28.20 | 29.8 | 27.7 | 35.4 | 33.9 | 28.8 | 27.1 | 32.5 | 32.0 | 39.8 | 25.1 | 32.4 | 63 | 14 | 27 | 26 | 28 | 29 | 28 | 90 | 93 | 77 | 83 | 86 |
| Year | 28.55 | 29.99 | 29.18 | 27.86 | 51.3 | 48.1 | 60.8 | 59.9 | 48.2 | 46.1 | 52.2 | 52.0 | 66.2 | 45.7 | 55.9 | 101 | −2 | 45 | 44 | 45 | 46 | 45 | 82 | 87 | 60 | 63 | 73 |

WILLISTON, N. DAK.
[$\phi$=48°09′ N.; $\lambda$=103°35′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Mean: Maximum | Mean: Minimum | Mean: Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 28.08 | 30.15 | 28.54 | 27.56 | 15.9 | 13.1 | 22.3 | 23.8 | 14.3 | 12.1 | 19.3 | 20.2 | 30.4 | 9.0 | 19.7 | 50 | −27 | 10 | 9 | 14 | 13 | 12 | 74 | 83 | 67 | 63 | 72 |
| February | 28.05 | 30.12 | 28.37 | 27.56 | 14.3 | 11.1 | 17.8 | 20.4 | 13.2 | 10.3 | 16.1 | 18.5 | 23.2 | 7.4 | 15.3 | 47 | −20 | 10 | 8 | 11 | 14 | 11 | 82 | 84 | 73 | 75 | 78 |
| March | 27.93 | 29.96 | 28.40 | 27.39 | 27.6 | 24.4 | 32.9 | 35.5 | 25.7 | 23.3 | 29.2 | 31.1 | 39.0 | 21.7 | 30.4 | 62 | 5 | 22 | 21 | 24 | 25 | 23 | 80 | 86 | 68 | 66 | 75 |
| April | 27.91 | 29.90 | 28.42 | 27.31 | 42.1 | 37.9 | 49.9 | 53.8 | 38.2 | 35.4 | 42.0 | 43.7 | 57.2 | 35.9 | 46.6 | 87 | 16 | 34 | 32 | 33 | 33 | 33 | 73 | 80 | 56 | 50 | 65 |
| May | 27.99 | 29.98 | 28.32 | 27.47 | 47.5 | 42.8 | 56.5 | 58.9 | 43.1 | 40.2 | 46.9 | 47.9 | 61.1 | 40.8 | 51.0 | 85 | 27 | 38 | 37 | 37 | 37 | 38 | 72 | 82 | 52 | 48 | 65 |
| June | 27.92 | 29.88 | 28.36 | 27.48 | 55.3 | 52.6 | 65.1 | 67.1 | 51.7 | 50.0 | 54.9 | 55.8 | 70.0 | 50.2 | 60.1 | 81 | 35 | 49 | 48 | 47 | 47 | 48 | 80 | 84 | 54 | 51 | 67 |
| July | 28.00 | 29.94 | 28.38 | 27.57 | 63.0 | 59.1 | 74.0 | 76.9 | 58.4 | 56.7 | 62.5 | 62.8 | 80.5 | 56.8 | 68.6 | 93 | 46 | 56 | 55 | 56 | 54 | 55 | 77 | 87 | 54 | 48 | 67 |
| August | 27.97 | 29.91 | 28.30 | 27.60 | 61.7 | 55.9 | 74.1 | 76.8 | 56.9 | 53.6 | 61.0 | 60.9 | 79.9 | 53.9 | 66.9 | 101 | 39 | 54 | 52 | 53 | 51 | 52 | 76 | 87 | 50 | 43 | 64 |
| September | 28.01 | 29.98 | 28.41 | 27.58 | 50.8 | 45.6 | 60.9 | 63.4 | 46.7 | 43.3 | 50.6 | 51.4 | 66.9 | 44.0 | 55.4 | 94 | 21 | 44 | 41 | 42 | 42 | 42 | 77 | 84 | 53 | 50 | 66 |
| October | 27.99 | 29.99 | 28.46 | 27.53 | 42.4 | 38.0 | 52.4 | 52.6 | 38.1 | 35.4 | 43.6 | 43.1 | 58.1 | 34.6 | 46.4 | 87 | 10 | 34 | 32 | 35 | 34 | 34 | 74 | 80 | 55 | 53 | 66 |
| November | 27.94 | 29.98 | 28.53 | 27.04 | 25.5 | 22.4 | 31.6 | 31.1 | 23.6 | 20.9 | 27.6 | 27.2 | 37.7 | 18.7 | 28.2 | 60 | 1 | 20 | 18 | 21 | 21 | 20 | 80 | 82 | 64 | 65 | 73 |
| December | 28.00 | 30.06 | 28.56 | 27.47 | 13.3 | 10.1 | 17.4 | 19.3 | 12.4 | 9.5 | 16.1 | 18.0 | 24.0 | 4.7 | 14.4 | 43 | −18 | 10 | 8 | 13 | 15 | 12 | 87 | 90 | 82 | 83 | 86 |
| Year | 27.98 | 29.99 | 28.56 | 27.04 | 38.3 | 34.4 | 46.2 | 48.3 | 35.2 | 32.6 | 39.2 | 40.0 | 52.3 | 31.5 | 41.9 | 101 | −27 | 32 | 30 | 32 | 32 | 32 | 78 | 84 | 61 | 58 | 70 |

[1] Pressure (station level) at airport adjusted to the former assigned elevation: Washington, D. C., 112 feet; Wichita, Kans., 1,358 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

WALLA WALLA, WASH.

[$H$=949 ft.; $H_b$=991 ft.; $H_l$=57 ft.; $H_r$=50 ft.; $H_a$=65 ft.]

| Month | Precipitation: Total | Precipitation: Maximum in 24 hours | Precipitation: Total snowfall | Cloudiness 0 to 10 | 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 | Number of days—: Clear | Partly cloudy | Cloudy | Precipitation: 0.01 inch or over | Precipitation: 0.04 inch or over | Snow: Trace or more | Snow: 0.01 inch or more melted | Hail | Fog: Light | Fog: Moderate | Fog: Thick | Fog: Dense | Maximum temperature: 32° or below | Maximum temperature: 90° or above | Maximum temperature: 95° or above | Minimum temp.: 32° or below | Minimum temp.: 0° or below | Thunderstorm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | |
| January | 1.36 | 0.51 | 10.4 | 9.1 | 3.8 | s. | 22 | se. | 0 | 2 | 2 | 27 | 9 | 6 | 13 | 5 | 0 | 14 | 9 | 6 | 3 | 23 | 0 | 0 | 27 | 0 | 0 |
| February | 1.36 | .40 | 7.5 | 7.9 | 4.9 | s. | 26 | w. | 0 | 3 | 5 | 20 | 12 | 9 | 7 | 6 | 0 | 7 | 6 | 5 | 1 | 1 | 0 | 0 | 15 | 0 | 0 |
| March | 1.02 | .32 | T | 7.6 | 6.5 | s. | 27 | sw. | 0 | 4 | 7 | 20 | 10 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| April | 1.27 | .54 | T | 7.3 | 6.8 | s. | 30 | w. | 0 | 3 | 9 | 18 | 8 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| May | 3.56 | .91 | .0 | 8.0 | 6.0 | s. | 21 | sw. | 0 | 2 | 6 | 23 | 15 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | 2.79 | 1.64 | .0 | 5.7 | 6.7 | s. | 21 | w. | 0 | 10 | 8 | 12 | 11 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 |
| July | .83 | .42 | .0 | 2.2 | 5.9 | s. | 23 | w. | 0 | 23 | 4 | 4 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 11 | 0 | 0 | 1 |
| August | .09 | .09 | .0 | 2.0 | 5.6 | s. | 16 | sw. | 0 | 23 | 6 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 14 | 0 | 0 | 2 |
| September | .04 | .03 | .0 | 3.7 | 5.2 | s. | 21 | sw. | 0 | 17 | 7 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| October | 2.18 | .89 | .0 | 4.5 | 5.2 | s. | 23 | w. | 0 | 13 | 11 | 7 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 3.48 | 1.13 | 6.1 | 9.3 | 6.2 | s. | 29 | nw. | 0 | 0 | 3 | 27 | 14 | 10 | 4 | 3 | 0 | 6 | 6 | 7 | 3 | 1 | 0 | 0 | 8 | 0 | 0 |
| December | 3.62 | .54 | 10.7 | 9.3 | 5.6 | s. | 23 | s. | 0 | 1 | 1 | 29 | 21 | 15 | 8 | 6 | 1 | 9 | 10 | 7 | 5 | 1 | 0 | 0 | 18 | 0 | 0 |
| Year | 21.60 | 1.64 | 34.7 | 6.4 | 5.7 | s. | 30 | w. | 0 | 101 | 69 | 195 | 115 | 80 | 38 | 20 | 2 | 36 | 31 | 25 | 12 | 26 | 38 | 27 | 72 | 0 | 8 |

WASHINGTON, D. C.

Airport [$H$=60 ft.; $H_b$=64 ft.; $H_l$=68 ft.; $H_r$=3 ft.; $H_a$=89 ft.] City [$H$=72 ft.; $H_b$=112 ft.; $H_l$=56 ft.; $H_r$=54 ft.; $H_a$=100 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.47 | 0.84 | 1.8 | 4.9 | 7.3 | nw. | 26 | nw. | 0 | 15 | 6 | 10 | 10 | 7 | 8 | 7 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 20 | 0 | 0 |
| February | 2.03 | 1.25 | .1 | 4.6 | 10.7 | nw. | 27 | nw. | 0 | 13 | 7 | 8 | 5 | 5 | 5 | 1 | 0 | 4 | 2 | 2 | 0 | 3 | 0 | 0 | 23 | 0 | 0 |
| March | 5.96 | 1.82 | 11.5 | 5.8 | 9.9 | nw. | 42 | w. | 3 | 8 | 10 | 13 | 12 | 11 | 5 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| April | .54 | .48 | .0 | 4.1 | 7.9 | nw. | 27 | w. | 0 | 11 | 14 | 5 | 4 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| May | 3.93 | 2.08 | .0 | 5.1 | 7.2 | se. | 24 | se. | 0 | 9 | 15 | 7 | 6 | 6 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 |
| June | 5.35 | 3.40 | .0 | 5.9 | 6.6 | nw. | 26 | nw. | 0 | 8 | 10 | 12 | 12 | 8 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 4 | 1 | 0 | 0 | 7 |
| July | 5.40 | 1.74 | .0 | 5.3 | 5.6 | sw. | 36 | w. | 2 | 9 | 14 | 8 | 11 | 8 | 0 | 0 | 0 | 7 | 2 | 0 | 1 | 0 | 11 | 3 | 0 | 0 | 6 |
| August | 9.49 | 6.05 | .0 | 6.0 | 5.5 | s. | 19 | w. | 0 | 5 | 15 | 11 | 12 | 9 | 0 | 0 | 0 | 6 | 1 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 7 |
| September | 2.60 | 1.69 | .0 | 4.8 | 5.6 | nw. | 28 | nw. | 0 | 11 | 13 | 6 | 8 | 6 | 0 | 0 | 0 | 9 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 2 |
| October | 8.33 | 3.02 | .0 | 5.1 | 6.8 | ne. | 24 | w. | 0 | 14 | 5 | 12 | 12 | 9 | 0 | 0 | 0 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 |
| November | 2.10 | .59 | .0 | 5.1 | 7.8 | nw. | 28 | nw. | 0 | 8 | 14 | 8 | 9 | 7 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| December | 3.83 | 1.20 | 5.7 | 6.9 | 8.2 | w. | 37 | w. | 1 | 6 | 7 | 18 | 16 | 13 | 8 | 5 | 0 | 10 | 9 | 2 | 3 | 2 | 0 | 0 | 20 | 0 | 1 |
| Year | 52.03 | 6.05 | 19.1 | 5.3 | 7.4 | nw. | 42 | w. | 6 | 117 | 130 | 118 | 117 | 91 | 26 | 15 | 1 | 82 | 18 | 5 | 5 | 10 | 30 | 4 | 70 | 0 | 32 |

WICHITA, KANS.

[$H$=1,375 ft.; $H_b$=1,392 ft.; $H_l$=6 ft.; $H_r$=4 ft.; $H_a$=64 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.23 | 0.20 | 2.2 | 4.1 | 14.5 | nw. | 45 | n. | 4 | 16 | 8 | 7 | 4 | 1 | 7 | 4 | 0 | 4 | 1 | 1 | 1 | 9 | 0 | 0 | 26 | 5 | 0 |
| February | 1.93 | .81 | 4.3 | 5.8 | 14.9 | n. | 38 | n. | 6 | 9 | 7 | 12 | 7 | 6 | 10 | 3 | 0 | 11 | 5 | 6 | 3 | 5 | 0 | 0 | 23 | 0 | 2 |
| March | .88 | .30 | T | 5.2 | 16.7 | nw. | 43 | s. | 12 | 11 | 8 | 12 | 5 | 4 | 4 | 0 | 0 | 8 | 1 | 1 | 1 | 0 | 0 | 0 | 15 | 0 | 5 |
| April | 7.08 | 2.08 | .0 | 6.2 | 18.6 | s. | 51 | sw. | 12 | 9 | 7 | 14 | 14 | 12 | 0 | 0 | 1 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 8 |
| May | 1.67 | .54 | .0 | 5.3 | 16.3 | s. | 40 | s. | 11 | 10 | 12 | 9 | 7 | 6 | 0 | 0 | 2 | 10 | 1 | 1 | 1 | 0 | 4 | 0 | 0 | 0 | 5 |
| June | 8.69 | 2.64 | .0 | 6.2 | 15.0 | s. | 50 | nw. | 11 | 7 | 12 | 11 | 18 | 15 | 0 | 0 | 1 | 6 | 2 | 2 | 1 | 0 | 10 | 0 | 0 | 0 | 18 |
| July | 2.34 | 1.40 | .0 | 3.7 | 13.7 | s. | 31 | s. | 0 | 15 | 13 | 3 | 4 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 21 | 11 | 0 | 0 | 6 |
| August | 4.51 | 2.69 | .0 | 4.5 | 12.4 | s. | 33 | s. | 1 | 15 | 8 | 8 | 10 | 8 | 0 | 0 | 0 | 7 | 1 | 1 | 1 | 0 | 11 | 3 | 0 | 0 | 7 |
| September | 7.21 | 3.94 | T | 4.5 | 13.8 | s. | 37 | s. | 4 | 15 | 6 | 9 | 13 | 8 | 1 | 0 | 0 | 10 | 2 | 2 | 2 | 0 | 4 | 0 | 1 | 0 | 7 |
| October | 3.77 | 1.70 | .0 | 5.0 | 12.5 | s. | 39 | s. | 4 | 13 | 7 | 11 | 8 | 6 | 0 | 0 | 0 | 8 | 2 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 2 |
| November | .68 | .28 | 1.3 | 5.3 | 16.1 | s. | 45 | s. | 6 | 12 | 7 | 11 | 8 | 5 | 4 | 2 | 0 | 10 | 2 | 1 | 2 | 0 | 0 | 0 | 11 | 0 | 0 |
| December | 3.14 | 1.14 | 14.8 | 6.8 | 11.7 | n. | 40 | n. | 4 | 7 | 8 | 16 | 8 | 8 | 10 | 6 | 0 | 23 | 10 | 8 | 12 | 6 | 0 | 0 | 27 | 0 | 1 |
| Year | 42.13 | 3.94 | 22.6 | 5.2 | 14.7 | s. | 51 | sw. | 75 | 139 | 103 | 123 | 106 | 82 | 36 | 15 | 4 | 113 | 27 | 25 | 26 | 20 | 50 | 14 | 105 | 5 | 61 |

WILLISTON, N. DAK.

[$H$=1,877 ft.; $H_b$=1,878 ft.; $H_l$=42 ft.; $H_r$=34 ft.; $H_a$=50 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.15 | 0.07 | 1.5 | 3.4 | 7.3 | sw. | 31 | nw. | 0 | 21 | 3 | 7 | 5 | 2 | 8 | 5 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 31 | 9 | 0 |
| February | .79 | .53 | 9.4 | 7.3 | 6.3 | se. | 24 | nw. | 0 | 4 | 8 | 16 | 8 | 4 | 21 | 8 | 0 | 7 | 2 | 2 | 2 | 24 | 0 | 0 | 28 | 7 | 0 |
| March | 1.12 | .52 | 11.5 | 6.2 | 8.9 | nw. | 34 | nw. | 1 | 11 | 8 | 12 | 13 | 7 | 16 | 12 | 0 | 3 | 2 | 2 | 2 | 6 | 0 | 0 | 29 | 0 | 0 |
| April | 1.34 | .48 | T | 5.3 | 9.5 | se. | 29 | se. | 0 | 12 | 7 | 11 | 7 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 |
| May | 1.53 | .36 | .0 | 5.5 | 8.2 | ne. | 27 | w. | 0 | 10 | 10 | 11 | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 3 |
| June | 5.56 | 2.83 | .0 | 5.0 | 9.2 | w. | 29 | w. | 0 | 12 | 11 | 7 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| July | 1.14 | .28 | .0 | 4.3 | 6.2 | se. | 33 | w. | 1 | 12 | 14 | 5 | 9 | 6 | 0 | 0 | 3 | 1 | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 9 |
| August | 1.79 | .61 | .0 | 3.9 | 6.3 | se. | 24 | se. | 0 | 14 | 12 | 5 | 9 | 7 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 7 |
| September | 1.53 | .48 | 2.6 | 4.9 | 6.5 | se. | 31 | nw. | 0 | 12 | 9 | 9 | 10 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 5 | 0 | 0 |
| October | .45 | .28 | 2.9 | 4.2 | 7.6 | nw. | 30 | nw. | 0 | 15 | 9 | 7 | 5 | 4 | 7 | 2 | 0 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 11 | 0 | 0 |
| November | .10 | .04 | .7 | 5.6 | 6.4 | sw. | 28 | w. | 0 | 10 | 9 | 11 | 5 | 1 | 13 | 4 | 0 | 3 | 2 | 2 | 2 | 9 | 0 | 0 | 28 | 0 | 0 |
| December | .54 | .14 | 6.1 | 7.1 | 6.6 | se. | 26 | nw. | 0 | 5 | 7 | 19 | 11 | 7 | 18 | 10 | 0 | 4 | 3 | 1 | 0 | 22 | 0 | 0 | 31 | 12 | 0 |
| Year | 16.04 | 2.83 | 34.7 | 5.2 | 7.4 | se. | 24 | nw. | 2 | 138 | 107 | 120 | 105 | 72 | 86 | 42 | 3 | 21 | 11 | 9 | 8 | 76 | 11 | 2 | 177 | 28 | 24 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

WILMINGTON, N. C.
[$\phi$= 34°14′ N.; $\lambda$= 77°57′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | % | % | % | % | % |
| January | 30.04 | 30.12 | 30.51 | 29.39 | 43.6 | 40.7 | 53.0 | 47.5 | 40.5 | 38.2 | 45.3 | 42.6 | 55.8 | 36.9 | 46.4 | 70 | 17 | 36 | 34 | 36 | 36 | 36 | 76 | 78 | 54 | 66 | 68 |
| February | 29.91 | 29.99 | 30.39 | 29.03 | 40.6 | 37.2 | 47.0 | 44.1 | 37.4 | 34.5 | 40.1 | 39.0 | 50.2 | 33.9 | 42.0 | 70 | 22 | 32 | 30 | 30 | 31 | 31 | 72 | 73 | 52 | 62 | 65 |
| March | 29.88 | 29.95 | 30.19 | 29.00 | 52.9 | 50.0 | 63.3 | 57.8 | 49.6 | 47.2 | 53.6 | 51.3 | 66.3 | 47.2 | 56.8 | 80 | 31 | 46 | 44 | 44 | 45 | 45 | 80 | 80 | 54 | 64 | 69 |
| April | 30.02 | 30.10 | 30.34 | 29.52 | 57.7 | 56.1 | 72.2 | 63.9 | 54.4 | 52.4 | 58.2 | 56.4 | 73.9 | 53.0 | 63.4 | 87 | 38 | 51 | 49 | 46 | 50 | 49 | 79 | 77 | 42 | 62 | 65 |
| May | 29.98 | 30.05 | 30.19 | 29.75 | 67.2 | 67.5 | 77.1 | 71.8 | 64.5 | 64.6 | 65.1 | 64.6 | 79.1 | 63.5 | 71.3 | 84 | 52 | 63 | 63 | 57 | 60 | 61 | 86 | 86 | 53 | 68 | 74 |
| June | 29.91 | 29.98 | 30.19 | 29.64 | 73.7 | 75.2 | 83.7 | 78.2 | 71.1 | 71.4 | 72.5 | 71.5 | 85.7 | 70.8 | 78.2 | 96 | 65 | 70 | 70 | 67 | 68 | 69 | 88 | 83 | 59 | 72 | 76 |
| July | 29.96 | 30.03 | 30.15 | 29.78 | 76.9 | 78.0 | 88.3 | 81.8 | 74.0 | 74.3 | 75.6 | 75.1 | 91.0 | 74.5 | 82.8 | 101 | 68 | 73 | 73 | 70 | 72 | 72 | 88 | 84 | 56 | 74 | 76 |
| August | 29.98 | 30.06 | 30.22 | 29.78 | 74.6 | 74.4 | 83.5 | 78.3 | 72.0 | 71.2 | 73.0 | 72.7 | 85.7 | 70.8 | 78.2 | 95 | 60 | 71 | 70 | 68 | 70 | 70 | 88 | 86 | 61 | 77 | 78 |
| September | 29.97 | 30.04 | 30.31 | 29.65 | 71.6 | 70.6 | 82.4 | 76.3 | 69.0 | 67.9 | 70.6 | 70.3 | 84.9 | 67.5 | 76.2 | 95 | 46 | 67 | 66 | 64 | 67 | 66 | 87 | 87 | 57 | 74 | 76 |
| October | 29.95 | 30.02 | 30.33 | 29.61 | 62.3 | 60.5 | 73.4 | 67.0 | 59.5 | 58.1 | 62.8 | 61.4 | 75.5 | 58.2 | 66.8 | 80 | 41 | 57 | 56 | 55 | 58 | 57 | 84 | 86 | 56 | 73 | 75 |
| November | 30.05 | 30.13 | 30.41 | 29.56 | 53.8 | 51.4 | 65.9 | 58.5 | 50.3 | 48.5 | 55.3 | 53.2 | 68.3 | 47.3 | 57.8 | 80 | 32 | 46 | 45 | 45 | 48 | 46 | 73 | 80 | 50 | 69 | 69 |
| December | 30.04 | 30.12 | 30.57 | 29.19 | 45.1 | 42.2 | 52.6 | 48.6 | 43.6 | 39.9 | 46.5 | 45.4 | 57.0 | 38.1 | 47.6 | 73 | 15 | 41 | 36 | 39 | 41 | 39 | 84 | 80 | 63 | 78 | 76 |
| Year | 29.97 | 30.05 | 30.57 | 29.00 | 60.0 | 58.6 | 70.2 | 64.5 | 57.2 | 55.7 | 59.9 | 58.6 | 72.8 | 55.1 | 64.0 | 101 | 15 | 54 | 53 | 52 | 54 | 53 | 82 | 82 | 55 | 70 | 72 |

WINNEMUCCA, NEV.
[$\phi$=40°58′ N.; $\lambda$=117°43′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 25.79 | 30.31 | 26.12 | 25.46 | 23.0 | 20.5 | 26.9 | 32.2 | 22.0 | 19.9 | 25.3 | 29.1 | 35.7 | 15.9 | 25.8 | 46 | −11 | 20 | 19 | 23 | 24 | 22 | 88 | 93 | 84 | 74 | 85 |
| February | 25.58 | 30.03 | 25.89 | 25.12 | 28.4 | 25.8 | 34.2 | 39.1 | 26.0 | 24.4 | 29.7 | 32.5 | 41.2 | 22.1 | 31.6 | 54 | 10 | 21 | 22 | 23 | 22 | 22 | 74 | 84 | 62 | 52 | 68 |
| March | 25.63 | 30.05 | 25.96 | 25.19 | 34.4 | 28.7 | 43.6 | 50.3 | 29.1 | 26.1 | 34.5 | 37.2 | 51.9 | 24.7 | 38.3 | 70 | 12 | 21 | 22 | 22 | 19 | 21 | 58 | 76 | 43 | 30 | 52 |
| April | 25.52 | 29.88 | 25.86 | 25.17 | 44.5 | 37.1 | 53.2 | 58.7 | 37.2 | 33.3 | 41.1 | 42.9 | 62.2 | 33.4 | 47.8 | 77 | 20 | 28 | 29 | 27 | 24 | 27 | 54 | 72 | 39 | 29 | 49 |
| May | 25.58 | 29.93 | 25.91 | 25.28 | 46.6 | 40.6 | 56.2 | 61.2 | 40.4 | 37.4 | 44.6 | 46.1 | 64.3 | 37.3 | 50.8 | 88 | 28 | 34 | 34 | 33 | 31 | 33 | 64 | 78 | 45 | 37 | 56 |
| June | 25.59 | 29.90 | 25.88 | 25.36 | 57.5 | 48.0 | 68.5 | 75.0 | 46.2 | 42.2 | 50.4 | 52.0 | 77.4 | 45.8 | 61.6 | 93 | 36 | 35 | 36 | 34 | 31 | 34 | 46 | 66 | 31 | 23 | 41 |
| July | 25.64 | 29.90 | 25.84 | 25.44 | 71.1 | 59.1 | 84.8 | 92.3 | 51.6 | 46.9 | 56.8 | 58.9 | 94.5 | 55.9 | 75.2 | 101 | 45 | 34 | 35 | 34 | 32 | 34 | 27 | 42 | 17 | 12 | 25 |
| August | 25.60 | 29.86 | 25.74 | 25.39 | 66.3 | 54.5 | 80.8 | 90.0 | 48.1 | 43.2 | 55.0 | 57.5 | 91.7 | 50.6 | 71.2 | 101 | 34 | 31 | 32 | 34 | 32 | 32 | 28 | 42 | 20 | 14 | 26 |
| September | 25.62 | 29.94 | 25.92 | 25.35 | 54.4 | 43.1 | 71.3 | 79.9 | 41.6 | 35.7 | 50.0 | 52.8 | 82.5 | 39.6 | 61.0 | 92 | 29 | 27 | 26 | 30 | 28 | 28 | 35 | 51 | 23 | 16 | 31 |
| October | 25.70 | 30.08 | 25.94 | 25.37 | 43.7 | 36.3 | 59.2 | 65.3 | 36.6 | 31.8 | 45.2 | 47.3 | 69.9 | 32.3 | 51.1 | 86 | 18 | 28 | 26 | 31 | 30 | 29 | 54 | 65 | 36 | 28 | 46 |
| November | 25.65 | 30.08 | 26.06 | 25.09 | 38.2 | 32.7 | 43.6 | 46.9 | 33.6 | 30.2 | 37.3 | 38.2 | 52.8 | 26.8 | 39.8 | 75 | 16 | 28 | 27 | 30 | 29 | 28 | 69 | 81 | 60 | 53 | 66 |
| December | 25.70 | 30.17 | 26.08 | 25.23 | 32.5 | 30.7 | 35.6 | 37.5 | 31.2 | 29.5 | 32.8 | 34.5 | 42.1 | 25.5 | 33.8 | 57 | 13 | 30 | 28 | 29 | 31 | 30 | 89 | 90 | 79 | 78 | 84 |
| Year | 25.64 | 30.01 | 26.12 | 25.09 | 45.0 | 38.1 | 54.8 | 60.7 | 37.0 | 33.4 | 41.9 | 44.1 | 63.8 | 34.2 | 49.0 | 101 | −11 | 28 | 28 | 29 | 28 | 28 | 57 | 70 | 45 | 37 | 52 |

YAKIMA, WASH.
[$\phi$=46°36′ N.; $\lambda$=120°30′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.15 | 30.34 | 29.57 | 28.55 | ..... | 22.8 | 24.9 | 28.6 | ..... | 21.9 | 23.7 | 26.7 | 30.3 | 20.4 | 25.4 | 48 | 2 | .... | 20 | 21 | 23 | 21 | .... | 88 | 85 | 78 | 84 |
| February | 28.90 | 30.07 | 29.26 | 28.42 | ..... | 32.2 | 36.9 | 42.8 | ..... | 30.6 | 33.6 | 36.8 | 44.2 | 30.1 | 37.2 | 56 | 22 | .... | 28 | 28 | 28 | 28 | .... | 84 | 72 | 57 | 71 |
| March | 28.90 | 30.06 | 29.25 | 28.44 | ..... | 35.6 | 47.5 | 54.5 | ..... | 32.0 | 38.6 | 42.2 | 56.4 | 32.5 | 44.4 | 73 | 26 | .... | 26 | 26 | 26 | 26 | .... | 69 | 43 | 33 | 48 |
| April | 28.73 | 29.88 | 29.15 | 28.33 | ..... | 44.3 | 58.0 | 63.6 | ..... | 39.5 | 45.9 | 48.5 | 66.2 | 41.8 | 54.0 | 82 | 33 | .... | 34 | 32 | 32 | 33 | .... | 67 | 38 | 32 | 46 |
| May | 28.81 | 29.96 | 29.17 | 28.46 | ..... | 49.4 | 62.7 | 66.1 | ..... | 44.7 | 50.1 | 52.0 | 69.1 | 47.8 | 58.4 | 85 | 35 | .... | 40 | 38 | 38 | 39 | .... | 70 | 40 | 38 | 49 |
| June | 28.83 | 29.97 | 29.10 | 28.48 | ..... | 54.0 | 68.8 | 73.6 | ..... | 47.9 | 53.8 | 55.7 | 76.2 | 52.3 | 64.2 | 99 | 43 | .... | 42 | 41 | 41 | 41 | .... | 65 | 36 | 32 | 44 |
| July | 28.82 | 29.95 | 29.07 | 28.58 | ..... | 62.8 | 80.2 | 88.1 | ..... | 54.1 | 60.7 | 62.7 | 90.0 | 61.2 | 75.6 | 105 | 46 | .... | 47 | 47 | 44 | 46 | .... | 58 | 32 | 24 | 38 |
| August | 28.78 | 29.90 | 29.06 | 28.50 | ..... | 64.4 | 80.9 | 88.7 | ..... | 54.5 | 60.8 | 62.6 | 90.6 | 62.5 | 76.6 | 104 | 48 | .... | 47 | 46 | 44 | 46 | .... | 54 | 31 | 23 | 36 |
| September | 28.83 | 29.97 | 29.22 | 28.55 | ..... | 55.6 | 71.5 | 79.9 | ..... | 48.8 | 55.8 | 58.4 | 81.8 | 52.9 | 67.4 | 94 | 40 | .... | 43 | 43 | 42 | 43 | .... | 63 | 37 | 27 | 42 |
| October | 28.92 | 30.07 | 29.29 | 28.49 | ..... | 44.4 | 57.9 | 64.8 | ..... | 40.8 | 48.0 | 51.5 | 67.5 | 40.7 | 54.1 | 81 | 29 | .... | 37 | 38 | 39 | 38 | .... | 76 | 48 | 40 | 55 |
| November | 28.85 | 30.02 | 29.45 | 27.95 | ..... | 33.8 | 37.1 | 39.9 | ..... | 32.1 | 35.0 | 36.4 | 42.5 | 31.0 | 36.8 | 56 | 24 | .... | 30 | 31 | 32 | 31 | .... | 84 | 79 | 74 | 79 |
| December | 28.88 | 30.07 | 29.27 | 28.42 | ..... | 27.3 | 30.1 | 33.9 | ..... | 26.4 | 28.7 | 31.6 | 36.1 | 24.0 | 30.0 | 53 | 15 | .... | 25 | 26 | 28 | 27 | .... | 90 | 85 | 80 | 85 |
| Year | 28.87 | 30.02 | 29.57 | 28.33 | ..... | 43.9 | 54.7 | 60.4 | ..... | 39.4 | 44.6 | 47.1 | 62.6 | 41.4 | 52.0 | 105 | 2 | .... | 35 | 35 | 35 | 35 | .... | 72 | 52 | 45 | 56 |

YUMA, ARIZ.
[$\phi$=32°45′ N.; $\lambda$=114°36′ W.]

| Month | Pressure: Mean: Station level | Pressure: Mean: Sea level | Pressure: Extremes: Station level: Maximum | Pressure: Extremes: Station level: Minimum | Temperature (° F.): Mean: Dry bulb: 1:30 a. m. | Dry bulb: 7:30 a. m. | Dry bulb: 1:30 p. m. | Dry bulb: 7:30 p. m. | Wet bulb: 1:30 a. m. | Wet bulb: 7:30 a. m. | Wet bulb: 1:30 p. m. | Wet bulb: 7:30 p. m. | Maximum | Minimum | Monthly | Extremes: Maximum | Extremes: Minimum | Moisture: Mean: Dew point: 1:30 a. m. | Dew point: 7:30 a. m. | Dew point: 1:30 p. m. | Dew point: 7:30 p. m. | Dew point: Monthly | Relative humidity: 1:30 a. m. | Relative humidity: 7:30 a. m. | Relative humidity: 1:30 p. m. | Relative humidity: 7:30 p. m. | Relative humidity: Monthly |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 29.95 | 30.10 | 30.18 | 29.67 | 53.8 | 50.2 | 62.9 | 67.1 | 45.0 | 42.9 | 49.1 | 51.3 | 69.8 | 46.5 | 58.2 | 80 | 31 | 35 | 34 | 34 | 35 | 34 | 50 | 56 | 34 | 31 | 43 |
| February | 29.79 | 29.94 | 30.01 | 29.54 | 53.0 | 48.0 | 62.8 | 67.9 | 44.5 | 41.4 | 48.6 | 50.7 | 70.3 | 44.7 | 57.5 | 80 | 36 | 34 | 33 | 32 | 32 | 33 | 51 | 58 | 33 | 28 | 42 |
| March | 29.79 | 29.94 | 30.15 | 29.48 | 57.6 | 51.5 | 70.2 | 75.9 | 46.7 | 43.6 | 51.2 | 53.5 | 77.8 | 48.3 | 63.0 | 95 | 41 | 34 | 33 | 30 | 29 | 31 | 43 | 53 | 24 | 19 | 34 |
| April | 29.70 | 29.85 | 29.93 | 29.50 | 64.8 | 57.0 | 74.8 | 79.9 | 53.1 | 49.8 | 57.0 | 58.2 | 82.4 | 53.8 | 68.1 | 92 | 45 | 42 | 43 | 41 | 39 | 41 | 46 | 60 | 32 | 24 | 40 |
| May | 29.66 | 29.80 | 29.85 | 29.45 | 71.1 | 60.9 | 84.9 | 91.5 | 55.1 | 51.9 | 59.4 | 61.6 | 93.7 | 58.9 | 76.3 | 110 | 50 | 41 | 44 | 37 | 36 | 40 | 34 | 54 | 19 | 15 | 31 |
| June | 29.58 | 29.72 | 29.74 | 29.40 | 78.6 | 67.7 | 97.0 | 101.5 | 61.5 | 58.3 | 66.0 | 67.0 | 103.6 | 65.9 | 84.8 | 113 | 58 | 49 | 51 | 47 | 42 | 47 | 37 | 57 | 21 | 14 | 32 |
| July | 29.64 | 29.78 | 29.80 | 29.48 | 87.6 | 80.5 | 101.0 | 107.9 | 71.5 | 69.1 | 74.7 | 75.2 | 110.3 | 78.1 | 94.2 | 117 | 73 | 64 | 63 | 62 | 59 | 62 | 46 | 56 | 29 | 21 | 38 |
| August | 29.61 | 29.75 | 29.82 | 29.46 | 85.7 | 79.3 | 96.0 | 102.5 | 72.1 | 71.9 | 74.5 | 74.7 | 104.9 | 77.0 | 91.0 | 112 | 63 | 65 | 68 | 64 | 60 | 64 | 52 | 70 | 37 | 28 | 47 |
| September | 29.60 | 29.74 | 29.84 | 29.40 | 77.6 | 69.2 | 94.3 | 100.4 | 62.5 | 60.1 | 68.2 | 67.8 | 103.1 | 66.4 | 84.8 | 111 | 60 | 52 | 54 | 51 | 46 | 51 | 43 | 59 | 25 | 16 | 36 |
| October | 29.72 | 29.87 | 30.04 | 29.42 | 69.1 | 63.4 | 83.7 | 86.4 | 58.0 | 56.1 | 63.7 | 63.2 | 90.9 | 59.8 | 75.4 | 104 | 48 | 50 | 50 | 50 | 47 | 49 | 51 | 64 | 32 | 26 | 43 |
| November | 29.79 | 29.94 | 30.18 | 29.49 | 58.3 | 53.5 | 73.5 | 75.1 | 48.9 | 45.8 | 54.7 | 56.2 | 80.7 | 50.7 | 65.7 | 90 | 41 | 39 | 37 | 36 | 39 | 38 | 55 | 56 | 27 | 28 | 41 |
| December | 29.89 | 30.04 | 30.23 | 29.50 | 52.0 | 48.3 | 65.7 | 68.2 | 45.0 | 42.3 | 50.9 | 52.5 | 72.5 | 45.4 | 59.0 | 80 | 39 | 36 | 34 | 35 | 36 | 35 | 57 | 60 | 33 | 32 | 46 |
| Year | 29.73 | 29.87 | 30.23 | 29.40 | 67.4 | 60.8 | 80.6 | 85.4 | 55.3 | 52.8 | 59.8 | 61.0 | 88.3 | 58.0 | 73.2 | 117 | 31 | 45 | 45 | 43 | 42 | 44 | 47 | 59 | 29 | 24 | 39 |

TABLE 16.—*Annual meteorological summary for the year ended Dec. 31, 1942*—Continued

WILMINGTON, N. C.

[$H$=6 ft.; $H_b$=72 ft.; $H_t$=73 ft.; $H_r$=65 ft.; $H_a$=107 ft.]

| Month | Precipitation | | | Cloudiness 0 to 10 | Wind | | | | | Number of days— | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | By self-register | | | | | | | | Precipitation | | Snow | | | Fog | | | | Maximum temperature | | | Minimum temp. | | |
| | Total | Maximum in 24 hours | Total snowfall | | Average hourly velocity | Prevailing direction | Maximum velocity | Direction at time of maximum velocity | Days, with 32 miles or over | Clear | Partly cloudy | Cloudy | 0.01 inch or over | 0.04 inch or over | Trace or more | 0.01 inch or more melted | Hail | Light | Moderate | Thick | Dense | 32° or below | 90° or above | 95° or above | 32° or below | 0° or below | Thunderstorm |
| | *In.* | *In.* | *In.* | | *Mi.* | | *Mi.* | | | | | | | | | | | | | | | | | | | | | |
| January | 2.05 | 0.73 | 0.4 | 4.5 | 9.1 | n. | 37 | sw. | 1 | 13 | 9 | 9 | 8 | 6 | 3 | 1 | 0 | 6 | 2 | 2 | 1 | 0 | 0 | 0 | 9 | 0 | 0 |
| February | 3.97 | 1.74 | 8.0 | 5.8 | 9.8 | nw. | 32 | sw. | 1 | 8 | 8 | 12 | 8 | 8 | 3 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 1 |
| March | 5.44 | 1.49 | .0 | 5.2 | 11.8 | sw. | 41 | s. | 4 | 11 | 11 | 9 | 11 | 10 | 0 | 0 | 0 | 7 | 3 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 2 |
| April | .87 | .87 | .0 | 3.2 | 9.6 | sw. | 30 | s. | 0 | 16 | 11 | 3 | 2 | 2 | 0 | 0 | 0 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 6.03 | 2.47 | .0 | 4.5 | 9.3 | se. | 27 | nw. | 0 | 16 | 8 | 7 | 12 | 11 | 0 | 0 | 2 | 8 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 5 |
| June | 4.76 | 1.40 | .0 | 4.9 | 8.1 | sw. | 30 | n. | 0 | 12 | 12 | 6 | 10 | 8 | 0 | 0 | 0 | 4 | 2 | 2 | 2 | 0 | 5 | 1 | 0 | 0 | 5 |
| July | 3.63 | 1.43 | .0 | 4.7 | 7.9 | sw. | 30 | nw. | 0 | 11 | 16 | 4 | 12 | 9 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 15 | 7 | 0 | 0 | 14 |
| August | 10.02 | 2.49 | .0 | 5.0 | 8.8 | sw. | 32 | nw. | 1 | 8 | 18 | 5 | 15 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 13 |
| September | 3.89 | 1.39 | .0 | 4.4 | 7.9 | sw. | 28 | s. | 0 | 16 | 7 | 7 | 8 | 5 | 0 | 0 | 0 | 4 | 3 | 1 | 1 | 0 | 9 | 0 | 0 | 0 | 3 |
| October | 5.17 | 3.22 | .0 | 4.0 | 8.2 | n. | 25 | nw. | 0 | 17 | 5 | 9 | 10 | 8 | 0 | 0 | 0 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| November | .93 | .62 | .0 | 3.1 | 8.6 | ne. | 24 | nw. | 0 | 20 | 6 | 4 | 4 | 3 | 0 | 0 | 0 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 2.99 | .73 | .6 | 5.5 | 9.9 | n. | 40 | w. | 1 | 10 | 9 | 12 | 13 | 12 | 1 | 1 | 0 | 18 | 4 | 2 | 2 | 0 | 0 | 0 | 9 | 0 | 2 |
| Year | 49.75 | 3.22 | 9.0 | 4.6 | 9.1 | sw. | 41 | s. | 8 | 158 | 120 | 87 | 113 | 94 | 7 | 3 | 2 | 79 | 24 | 14 | 11 | 0 | 36 | 8 | 32 | 0 | 47 |

WINNEMUCCA, NEV.

[$H$=4,287 ft.; $H_b$=4,339 ft.; $H_t$=5 ft.; $H_r$=3 ft.; $H_a$=56 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.36 | 0.40 | 7.4 | 7.0 | 5.5 | ne. | 19 | n. | 0 | 8 | 4 | 19 | 14 | 7 | 12 | 10 | 1 | 14 | 9 | 2 | 5 | 9 | 0 | 0 | 28 | 2 | 0 |
| February | 0.79 | .36 | 1.9 | 6.9 | 7.1 | sw. | 26 | sw. | 0 | 5 | 8 | 15 | 13 | 6 | 14 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 |
| March | .54 | .25 | 1.4 | 6.2 | 7.9 | ne. | 30 | nw. | 0 | 8 | 7 | 16 | 4 | 3 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 |
| April | 1.08 | .39 | T | 6.7 | 8.7 | sw. | 31 | s. | 0 | 5 | 9 | 16 | 10 | 7 | 8 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 1 |
| May | 1.82 | .61 | 2.8 | 6.6 | 8.3 | sw. | 39 | w. | 1 | 3 | 15 | 13 | 12 | 7 | 5 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 2 |
| June | .38 | .28 | .0 | 3.6 | 7.9 | sw. | 28 | w. | 0 | 15 | 10 | 5 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| July | .06 | .06 | .0 | 1.5 | 7.6 | sw. | 26 | sw. | 0 | 27 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 16 | 0 | 0 | 2 |
| August | T | T | .0 | 2.2 | 7.0 | sw. | 23 | w. | 0 | 22 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 14 | 0 | 0 | 0 |
| September | .02 | .02 | .0 | 1.0 | 6.7 | ne. | 20 | w. | 0 | 26 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| October | .28 | .16 | T | 2.8 | 6.6 | ne. | 22 | sw. | 0 | 20 | 7 | 4 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 1 |
| November | 1.93 | .76 | 1.6 | 6.4 | 9.0 | sw. | 52 | sw. | 3 | 6 | 10 | 14 | 9 | 8 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 |
| December | 1.81 | 1.22 | 2.4 | 8.4 | 8.1 | sw. | 33 | s. | 1 | 2 | 6 | 23 | 10 | 6 | 9 | 5 | 0 | 6 | 6 | 3 | 2 | 4 | 0 | 0 | 24 | 0 | 0 |
| Year | 10.07 | 1.22 | 17.5 | 4.9 | 7.5 | sw. | 52 | sw. | 5 | 147 | 89 | 129 | 81 | 49 | 62 | 37 | 7 | 21 | 15 | 5 | 7 | 13 | 54 | 30 | 165 | 2 | 6 |

YAKIMA, WASH.

[$H$=1,068 ft.; $H_b$=1,076 ft.; $H_t$=58 ft.; $H_r$=52 ft.; $H_a$=67 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1.43 | 0.38 | 5.6 | 8.1 | 3.4 | s. | 11 | n. | 0 | 4 | 3 | 24 | 8 | 6 | 9 | 6 | 0 | 15 | 8 | 6 | 6 | 21 | 0 | 0 | 29 | 0 | 0 |
| February | 1.25 | .28 | 5.4 | 7.5 | 4.2 | nw. | 18 | nw. | 0 | 5 | 4 | 19 | 12 | 10 | 5 | 4 | 0 | 4 | 3 | 1 | 1 | 1 | 0 | 0 | 20 | 0 | 0 |
| March | .02 | .02 | T | 6.8 | 5.5 | nw. | 27 | w. | 0 | 3 | 13 | 15 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 |
| April | .45 | .27 | .0 | 7.2 | 6.5 | nw. | 24 | nw. | 0 | 3 | 13 | 14 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 1.09 | .67 | .0 | 8.2 | 6.5 | nw. | 20 | sw. | 0 | 1 | 8 | 22 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| June | .37 | .22 | .0 | 5.3 | 7.5 | nw. | 21 | w. | 0 | 10 | 10 | 10 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 0 |
| July | .08 | .08 | .0 | 3.5 | 6.8 | nw. | 25 | sw. | 0 | 21 | 5 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | 0 | 0 | 0 |
| August | .01 | .01 | .0 | 2.5 | 7.4 | nw. | 24 | sw. | 0 | 21 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 13 | 0 | 0 | 0 |
| September | T | T | .0 | 4.1 | 5.6 | nw. | 21 | nw. | 0 | 14 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| October | .08 | .05 | .0 | 5.4 | 4.8 | nw. | 24 | sw. | 0 | 12 | 5 | 14 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| November | 2.86 | .67 | 8.4 | 8.7 | 4.3 | w. | 28 | w. | 0 | 2 | 4 | 24 | 15 | 11 | 11 | 8 | 0 | 13 | 6 | 6 | 3 | 0 | 0 | 0 | 19 | 0 | 0 |
| December | 2.01 | .68 | 17.7 | 8.7 | 3.3 | nw. | 19 | s. | 0 | 2 | 5 | 24 | 13 | 8 | 13 | 11 | 0 | 21 | 13 | 13 | 10 | 4 | 0 | 0 | 31 | 0 | 0 |
| Year | 9.65 | .68 | 37.1 | 6.3 | 5.5 | nw. | 28 | w. | 0 | 98 | 93 | 174 | 78 | 52 | 39 | 29 | 0 | 53 | 30 | 26 | 20 | 26 | 38 | 25 | 120 | 0 | 3 |

YUMA, ARIZ.

[$H$=138 ft.; $H_b$=142 ft.; $H_t$=9 ft.; $H_r$=2 ft.; $H_a$=54 ft.]

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 0.19 | 0.16 | 0.0 | 3.5 | 6.5 | n. | 20 | n. | 0 | 16 | 9 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| February | .84 | .60 | .0 | 3.6 | 5.8 | n. | 24 | n. | 0 | 16 | 6 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | .17 | .17 | .0 | 1.9 | 7.1 | w. | 28 | nw. | 0 | 24 | 4 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| April | T | T | .0 | 3.0 | 7.4 | w. | 25 | w. | 0 | 19 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| May | .00 | .00 | .0 | 0.5 | 6.7 | w. | 25 | w. | 0 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 17 | 0 | 0 | 0 |
| June | .00 | .00 | .0 | 0.6 | 5.4 | sw. | 17 | w. | 0 | 28 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 29 | 0 | 0 | 0 |
| July | .08 | .08 | .0 | 0.8 | 5.9 | sw. | 18 | se. | 0 | 29 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 31 | 0 | 0 | 0 |
| August | 1.08 | 1.06 | .0 | 1.4 | 5.6 | s. | 24 | n. | 0 | 26 | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 29 | 0 | 0 | 3 |
| September | .00 | .00 | .0 | 0.1 | 4.4 | w. | 16 | n. | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 29 | 0 | 0 | 0 |
| October | .04 | .04 | .0 | 1.5 | 5.1 | n. | 28 | w. | 0 | 25 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 11 | 0 | 0 | 1 |
| November | .00 | .00 | .0 | 1.1 | 5.6 | n. | 23 | w. | 0 | 25 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | .01 | .01 | .0 | 1.3 | 5.6 | n. | 31 | w. | 0 | 23 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 2.41 | 1.06 | .0 | 1.6 | 5.9 | n. | 31 | w. | 0 | 290 | 52 | 23 | 11 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 172 | 147 | 1 | 0 | 4 |

CHART 1.—Departure From Normal Temperature, in Degrees Fahrenheit, for the Crop Season of 1942, 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]

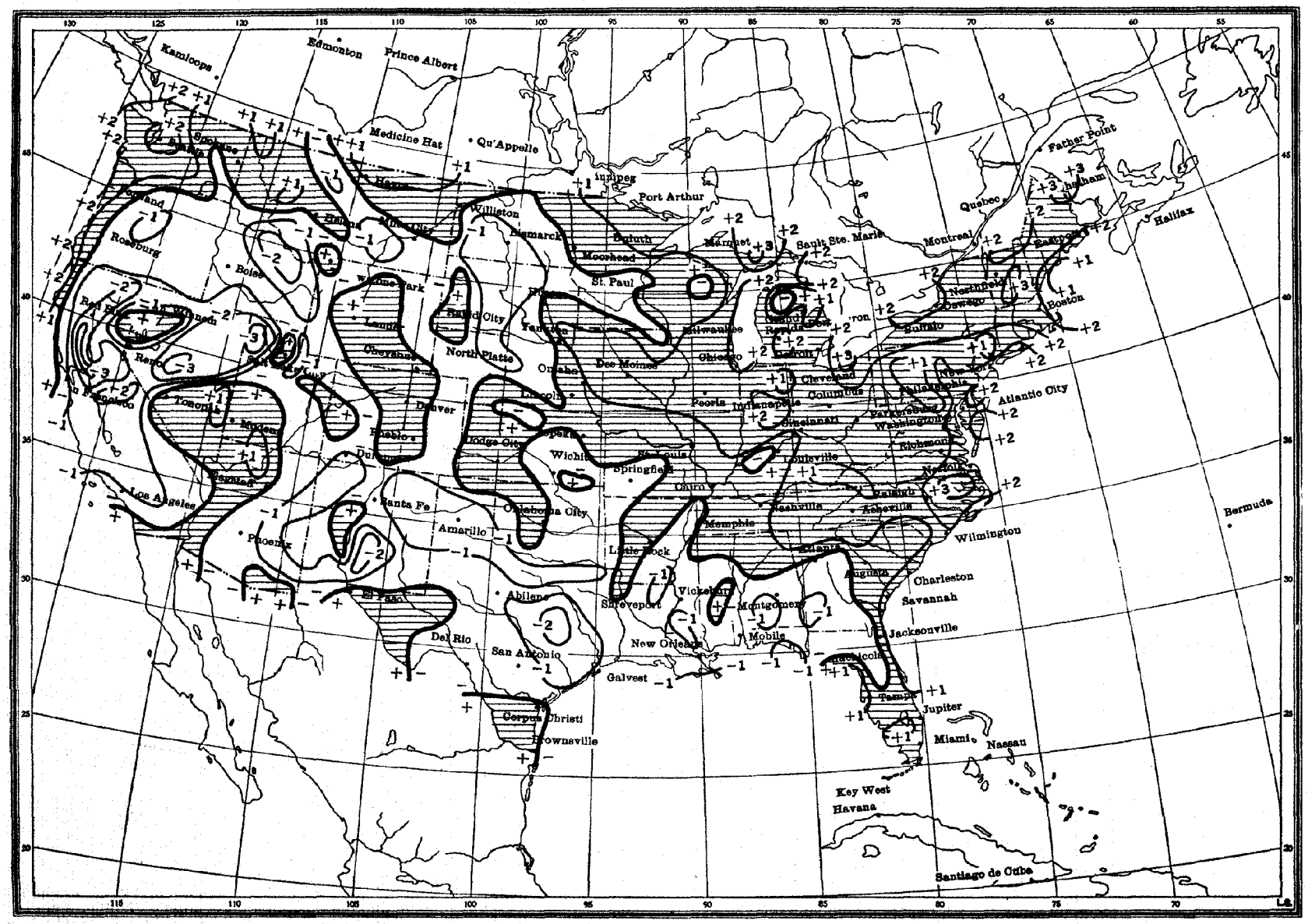

CHART 2.—Precipitation, Inches, for the Crop Season of 1942, March 1 to September 30

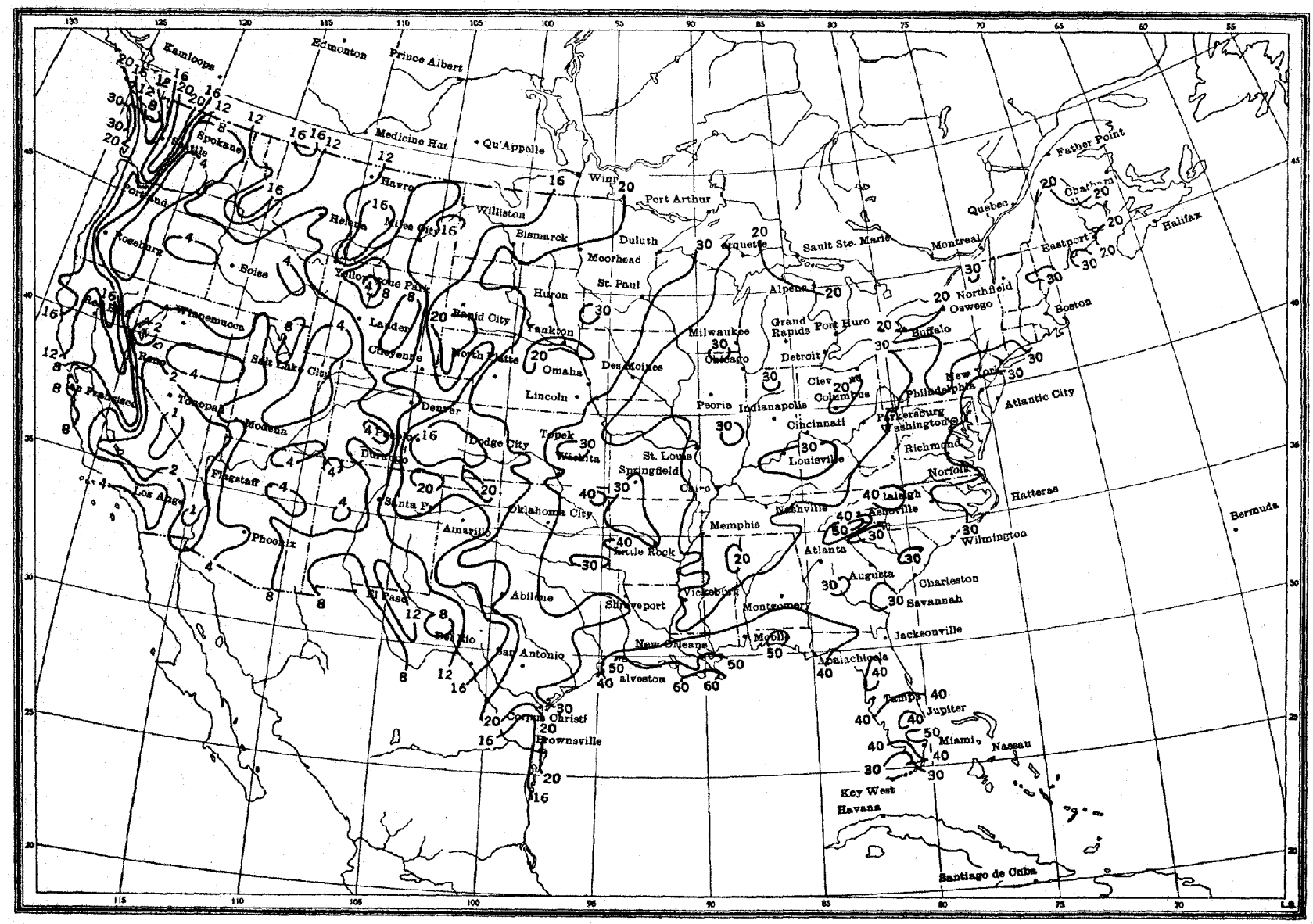

CHART 3.—Departure From Normal Precipitation for the Crop Season of 1942, March 1 to September 30

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]

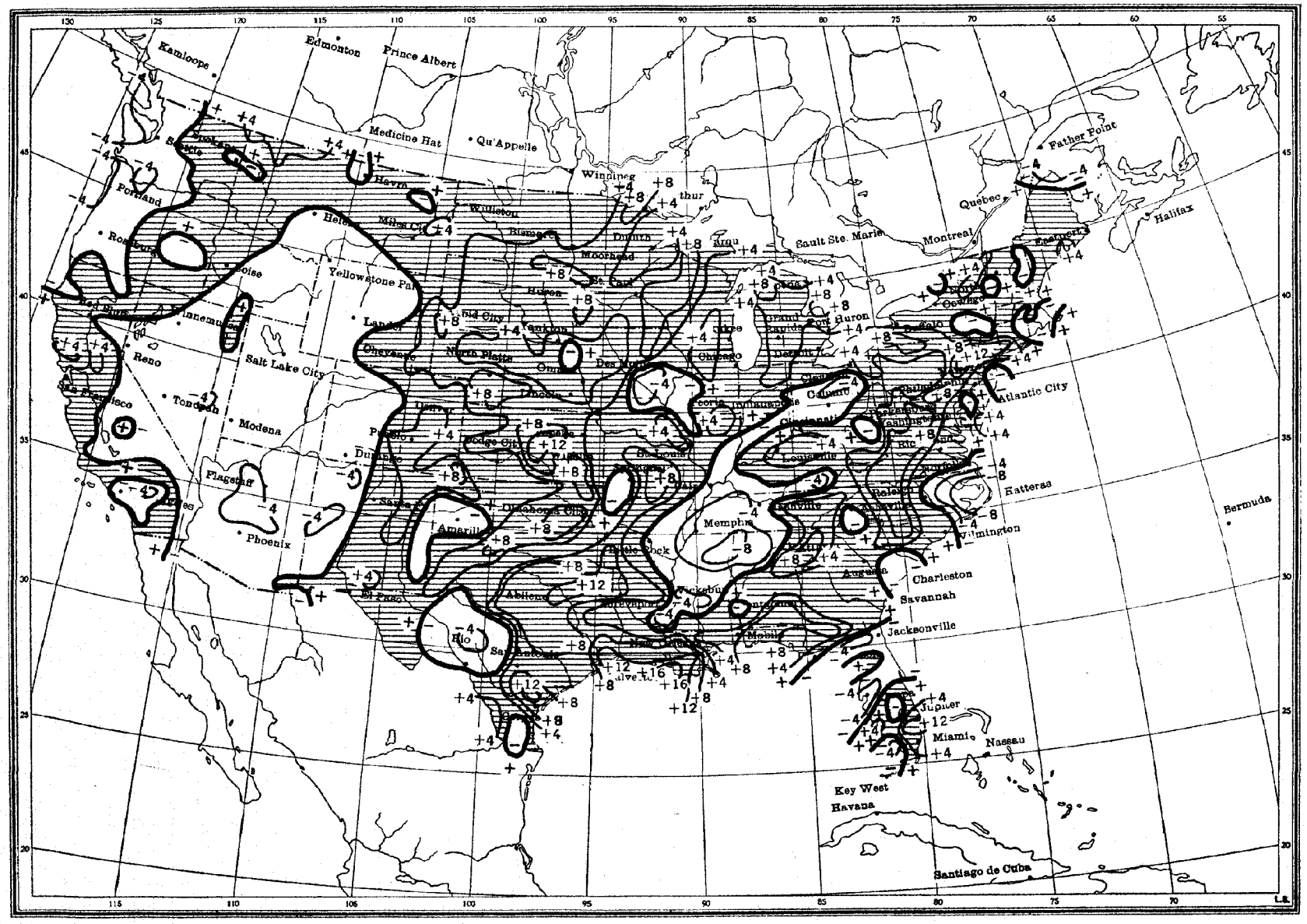
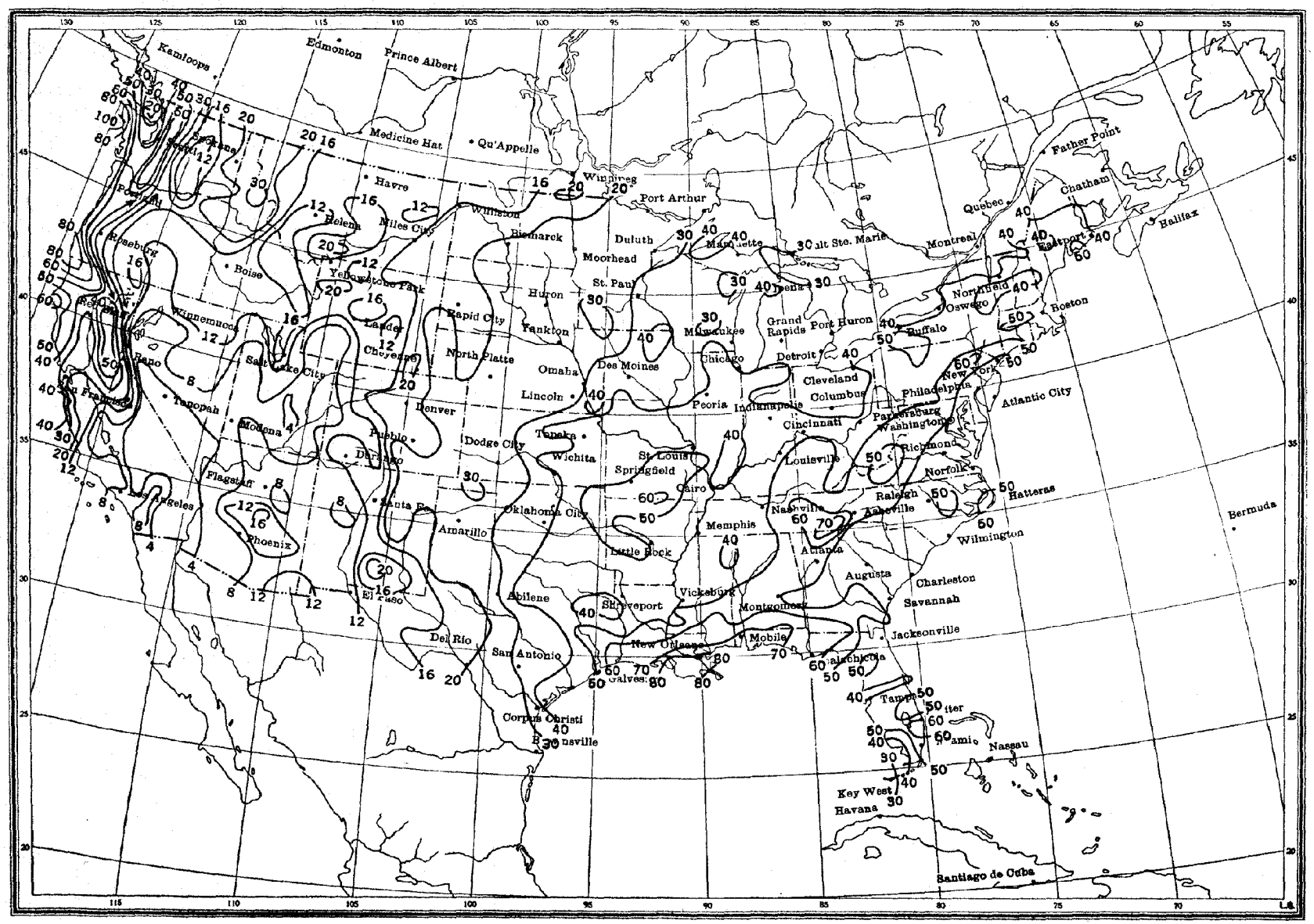
CHART 4.—Total Precipitation, Inches, for the Year 1942