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UNITED STATES DEPARTMENT OF COMMERCE

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WEATHER BUREAU

F. W. REICHELDERFER, *Chief*

UNITED STATES METEOROLOGICAL YEARBOOK 1941

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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 1941

REVIEW OF WEATHER CONDITIONS DURING 1941

The most outstanding climatic feature of 1941 was lack of moisture in practically the entire region from Alabama, Mississippi, and northeastern Arkansas, northeastward over the Ohio Valley, and the Middle and North Atlantic States to Canada, in contrast to abnormally heavy precipitation in practically the entire region to the westward. It was the driest year of record in New England, New York, and Tennessee, and the second driest in Kentucky, Virginia, and Maryland-Delaware, with many stations reporting the most clear days and the least rainy days of record. On the other hand, it was the wettest year in the climatic history of New Mexico, western Texas, North Dakota, Colorado, Utah, and eastern Oregon; the second wettest in middle Texas, Arizona, Oklahoma, and Kansas; and the third wettest in California, Nevada, and Iowa. Among those sections reporting the greatest annual number of cloudy and rainy days ever recorded were California, Nevada, New Mexico, and eastern Montana. Illinois had its driest February to March period of record, and its wettest September and October, while Ohio reported the driest January to May period.

While people in sections of the dry eastern region were carrying water and occasionally fighting forest fires, those in the wet western sections were hampered in their planting, cultivating, and harvesting by excessive rains and were suffering because of floods. The drought that had prevailed in the eastern portion of the country since the first of the year was relieved considerably by rains in June and July, although in many cases it was only temporary relief. Kansas reported flood losses of $12,500,000—their greatest on record; New Mexico, 24 lives, and $4,000,000; Oklahoma, over $6,000,000; and Arkansas, $2,600,000. In Iowa, record rainfall in September and October caused wells that had been dry for 20 years to fill, and small streams that had been dry most of the time in recent years became bankfull.

A hurricane moved inland on the Texas coast near Matagorda on September 23d and passed northward over Houston, causing the loss of 4 lives and over $6,503,300 worth of property in this State and $2,500,000 damage in western New York which it reached on the 25th. There were also 2 hurricanes in Florida during October with property losses approximated at $1,000,000.

Several heat waves occurred in the East, especially during April, May, and October, and in the north Pacific States, mostly during March and July; elsewhere, prolonged and severe hot or cold spells were absent. In North Dakota, the winter was so favorable that threshing was done as late as December 1941. In Iowa and Nebraska, grass and winter wheat remained green and were pastured almost to Christmas, while it was the first year in Missouri's climatic history that temperatures below zero were not registered. Lack of severe cold weather during the winter of 1940–41 in the South was blamed for large insect emergence, although a general freeze as late as March 2d extended southward to south-central Florida. Subzero weather appeared in many of the more northern States at the end of 1941.

A rather severe blizzard swept across Montana, North Dakota, and northern Minnesota on March 15th and 16th, with a loss of 39 lives reported from North Dakota. Heavy duststorms occurred in Oklahoma during February, March, and June; the most severe was on February 12th, when visibility as far east as Oklahoma City was reduced to 400 feet, and at Cloud Chief, Okla., visibility was as low as 60 feet for a short time.

A remarkable aurora borealis was observed over the greater portion of the country as far south as northern Florida during the night of September 18th and 19th.

The mean temperature for the year 1941, derived by weighting the average temperatures of the several States according to their areas, was 54.1°, or only 0.9° above the average for the 1886 to 1941 period, during which time the highest annual average temperature for the United States was 55.6° in 1921, and the lowest, 51.8°, in 1917. Temperatures averaged below normal in Arizona, California, New Mexico, Utah, and Texas, while State averages in the northern interior ranged generally from 2° to 3° above normal. (See table 1.)

Maximum temperatures of 100° and over were reported from every State, except 5 in the New England group, with readings as high as 110° to 112° in the Great Plains. The highest temperature recorded was 120° at Cow Creek and Greenland Ranch, both in Death Valley, Calif. Temperatures as low as zero occurred as far south as Kentucky and Missouri in January, and Virginia and North Carolina in March. Freezing temperatures were reported from the Gulf States as late as March, with a minimum of 22° in northern Florida. The lowest temperature recorded in the United States for the year was −43° at Taylor Park, Colo., on January 3d.

The average annual precipitation, found by weighting the averages for all the States, was 32.42 inches or 3.37 inches more than the normal. It was the 3d wettest year of record, being exceeded only by 1905, with 32.79 inches and 1915, with 32.67 inches of precipitation.

Figure 1 gives the State percentages of normal precipi-

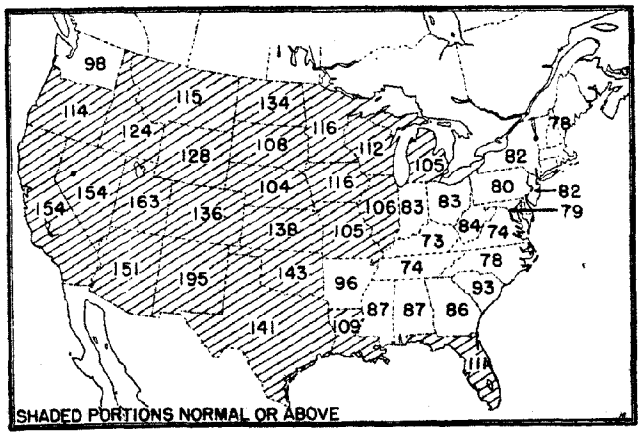

FIGURE 1.—Percentage of normal precipitation, 1941.

TABLE 1.—*Monthly and annual temperature departures from normal for the year 1941*

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama	+1.6	−4.8	−5.3	+2.3	+2.1	+.5	+.3	+1.0	+2.5	+7.2	.0	+2.7	+.6
Arizona	+1.4	+2.5	−1.6	−6.1	−.7	−4.0	−1.2	−2.1	−3.0	−3.4	+.3	+.8	−1.4
Arkansas	+2.4	−2.7	−5.1	+2.2	+2.2	−.9	+.7	+.6	+.9	+5.4	−1.3	+1.8	+.5
California	+2.0	+1.7	+1.2	−3.0	+.9	−2.5	−.2	−2.4	−2.4	−2.5	+1.0	+.2	−.5
Colorado	+1.6	+3.4	−.5	−1.4	+3.1	−1.6	−1.6	+.5	−1.2	.0	+1.8	+2.7	+.6
Florida	−1.3	−5.0	−4.8	+.7	−1.2	+.6	.0	+1.9	+1.1	+4.4	+.8	+3.5	+.1
Georgia	+.5	−5.1	−6.1	+2.1	+1.2	+.3	+.4	+1.6	+1.8	+6.4	+.4	+2.4	+.8
Idaho	+3.3	+4.7	+3.9	+.7	+1.1	−.5	+1.2	−.7	−4.3	−1.2	+1.7	+2.6	+1.0
Illinois	+3.2	−1.7	−4.0	+4.8	+4.2	+1.3	+.5	+1.9	+2.4	+3.4	+2.1	+6.4	+2.0
Indiana	+1.8	−2.6	−4.7	+5.2	+3.1	+.9	+.7	+1.2	+3.3	+4.0	+1.7	+5.4	+1.7
Iowa	+5.3	.0	−1.1	+5.1	+5.8	+.4	+.4	+2.9	+2.6	+2.8	+3.7	+7.8	+3.0
Kansas	+3.5	+1.1	−3.0	+1.5	+3.9	−1.7	−.2	+.8	+1.2	+1.1	+1.9	+4.6	+1.2
Kentucky	+.9	−3.9	−5.8	+3.9	+2.3	+.8	−.6	+1.0	+2.5	+5.6	−.4	+4.6	+.9
Louisiana	+1.6	−3.7	−5.8	+1.7	+.3	−.2	+.2	+1.5	+1.7	+6.5	−2.6	+2.2	+.3
Maryland-Delaware	−.9	−1.8	−5.7	+4.6	+1.6	−.2	+.2	−.3	+2.3	+5.8	+2.8	+4.2	+1.0
Michigan	+1.2	+1.5	−3.6	+6.2	+4.3	+2.9	+1.9	+.8	+2.9	+1.7	+2.7	+8.3	+2.4
Minnesota	+4.2	.0	−1.0	+5.7	+5.2	+1.0	+1.7	+1.3	+.8	+1.3	+3.3	+6.9	+2.5
Mississippi	+1.4	−4.1	−5.9	+1.8	+1.6	+.4	+.3	+1.1	+2.2	+6.9	−2.0	+3.0	+.6
Missouri	+4.0	−.4	−3.4	+4.0	+4.4	+.5	+1.2	+2.6	+2.2	+3.9	+1.2	+5.3	+2.1
Montana	+4.7	+5.2	+3.9	+1.1	+2.7	+.9	+2.0	+1.0	−4.1	−1.4	+3.2	+2.5	+1.8
Nebraska	+3.0	+2.0	−1.5	+1.6	+5.4	−.6	+.3	+2.0	+.7	+.7	+3.2	+4.2	+1.8
Nevada	+5.0	+5.7	+2.3	−3.1	+2.0	−2.3	+.1	−2.3	−3.9	−1.9	+.6	+4.0	+.5
New England	−3.2	+1.2	−4.2	+4.9	+1.0	+1.0	+.4	−1.6	+.6	+.2	+2.7	+3.0	+.5
New Jersey	−1.5	−1.3	−4.7	+5.9	+2.2	+.4	.0	−1.0	+1.7	+4.3	+3.1	+3.4	+1.0
New Mexico	+.6	+2.5	−2.3	−3.7	+.2	−3.8	−2.2	−1.0	−1.1	−.6	+1.1	+2.3	−.7
New York	−1.8	+.1	−5.5	+6.0	+1.8	+1.8	+1.8	−1.3	+2.0	+2.2	+4.3	+3.5	+1.2
North Carolina	−.7	−5.4	−5.9	+3.0	+1.7	.0	+.9	+1.0	+2.2	+6.2	+1.2	+2.5	+.6
North Dakota	+4.7	+2.6	+.7	+2.7	+4.6	+1.2	+1.8	+1.5	−1.6	+.6	+3.8	+9.2	+2.7
Ohio	+1.4	−2.1	−5.3	+5.7	+2.8	+1.3	+1.4	.0	+3.2	+4.7	+2.3	+5.5	+1.7
Oklahoma	+3.4	−.2	+4.3	+.9	+2.5	−2.5	−.3	−.3	+.5	+2.1	+.2	+3.9	+.5
Oregon	+3.2	+4.1	+3.5	+.5	+.6	−1.3	+1.7	−1.1	−3.0	−1.0	+2.3	+2.1	+1.0
Pennsylvania	−.5	−1.9	−5.7	+6.4	+1.8	+.5	+.9	−1.5	+1.8	+4.4	+2.8	+4.1	+1.1
South Carolina	−.7	−5.7	−6.2	+2.4	+1.8	.0	+.5	+1.4	+2.2	+6.7	+1.0	+2.8	+.4
South Dakota	+2.8	+2.2	−.2	+2.6	+6.2	+.3	+1.8	+2.9	.0	−.1	+3.6	+6.8	+2.4
Tennessee	+1.0	−4.8	−5.5	+3.4	+2.8	+1.5	+1.7	+2.3	+3.2	+7.1	−.8	+3.5	+1.3
Texas	+2.2	−2.2	−5.8	−.8	+.3	−2.4	−1.0	−.2	+.6	+4.2	−1.3	+2.0	−.4
Utah	+1.9	+3.9	+1.1	−3.6	+1.5	−2.6	−1.1	−1.4	−3.8	−2.0	+.3	+4.0	−.2
Virginia	−.8	−3.6	−5.8	+4.1	+2.0	−.1	+.8	+.4	+2.5	+6.5	+1.9	+3.9	+1.0
Washington	+4.7	+5.1	+5.6	+3.5	+.5	.0	+4.0	.0	−2.4	.0	+2.9	+2.9	+3.2
West Virginia	−.1	−4.1	−7.5	+4.2	+.5	+.4	+1.2	−.6	+1.4	+4.9	+1.1	+4.5	+.5
Wisconsin	+4.0	+.6	−3.8	+6.4	+4.8	+1.5	+1.1	+1.2	+1.9	+1.4	+3.7	+7.4	+2.5
Wyoming	+2.4	+4.2	+.9	−.3	+3.6	−.4	+.6	+.7	−3.0	−1.3	+2.4	+3.5	+1.1

tation for the year; table 2, these percentages for the months and the year; table 3, the monthly and annual amounts; and table 4, the percentage of normal precipitation by States for the last 10 years. Chart 4, which is printed in the back of this publication, shows the areal distribution of total precipitation for the year 1941.

On the basis of total precipitation for the year, the wettest State was Louisiana, with 60.57 inches. Florida, with 58.34 inches was the only other State that had over 50 inches of precipitation. On a percentage basis, New Mexico was the relatively wettest State, with 195 percent of the normal annual amount. Other States showing over 50 percent more than the usual amount were Utah, with 163 percent; Nevada and California, with 154 percent each; and Arizona with 151 percent. Nevada, with 13.50 inches, was the driest State on the basis of total annual precipitation. The relatively driest States were Kentucky, Tennessee, Virginia, and the New England States, ranging from 22 to 27 percent less than normal.

The greatest annual precipitation at any station was 137.85 inches at Big Four, Wash. The greatest monthly amount was 34.21 inches at Squaw Creek, Calif., during December; this station received an annual total precipitation of 118.94 inches. Some of the greater total annual snowfalls were 525.5 inches at Wolf Creek Pass, Colo.; 474.9 inches at Crater Lake, Oreg.; 455.5 inches at Silver Lake, Utah; and 434.0 inches at Twin Lakes, Calif.

It is shown by Figure 2 that during the growing season, from April 1 to September 30th, the weather was relatively dry from Mississippi, northeastern Arkansas, and Missouri eastward and northeastward to the Atlantic coast. Only New England with 77 percent of normal and New York with 78 percent received less than four-fifths of their usual precipitation during this period; but because dry conditions had prevailed east of the Mississippi River since the first of the year, conditions in these areas were more serious than the above figures would indicate. The copious rains in June and July afforded only temporary relief in many cases. However, these heavy rains coming so late in the season were very detrimental to cotton, chiefly by favoring excessive weevil activity and stalk growth. In South Carolina the yield of cotton was the lightest since 1878.

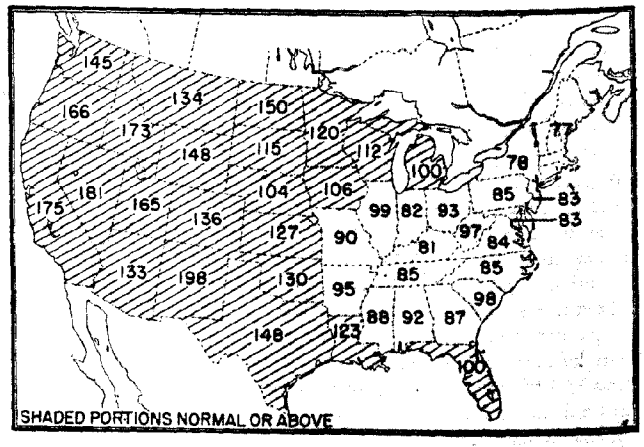

FIGURE 2.—Percentage of normal precipitation, April 1-September 30, 1941.

TABLE 2.—*Percentage of normal precipitation, 1941*

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama	56	53	78	68	17	98	147	117	84	77	77	149	87
Arizona	140	164	286	394	224	77	73	94	187	201	114	165	151
Arkansas	80	88	46	103	44	98	128	108	106	259	62	86	96
California	125	173	139	259	123	103	114	230	33	127	79	222	154
Colorado	137	78	152	149	112	156	104	108	225	257	52	97	136
Florida	126	116	121	150	37	114	139	72	92	129	155	145	111
Georgia	45	45	92	57	26	142	126	83	53	87	62	172	86
Idaho	78	72	43	123	181	201	120	283	165	112	95	171	124
Illinois	109	35	39	111	74	106	84	82	137	334	95	75	106
Indiana	54	32	24	77	55	147	76	69	65	252	93	69	83
Iowa	162	46	57	91	80	133	60	55	203	257	106	161	116
Kansas	302	76	62	124	94	159	94	122	169	330	67	128	138
Kentucky	58	19	35	73	30	111	133	84	39	156	81	71	73
Louisiana	73	66	99	72	165	151	131	78	148	204	73	75	109
Maryland-Delaware	94	46	63	83	64	124	124	72	16	57	72	110	79
Michigan	96	79	51	88	87	73	84	129	140	212	115	86	105
Minnesota	123	79	78	150	109	124	67	122	165	165	49	77	116
Mississippi	56	54	82	76	31	86	147	93	91	187	100	92	87
Missouri	154	29	25	116	48	87	73	81	141	353	88	108	105
Montana	49	46	49	123	106	133	96	142	224	93	132	125	115
Nebraska	178	71	71	141	65	129	74	55	190	117	76	147	104
Nevada	93	125	95	223	111	233	203	251	80	296	114	164	154
New England	72	64	71	31	80	101	126	78	43	85	86	98	78
New Jersey	97	68	73	64	50	137	134	85	8	56	91	101	82
New Mexico	205	123	311	217	391	163	107	100	371	270	59	107	195
New York	71	72	75	52	54	88	122	81	62	114	78	102	82
North Carolina	56	47	92	93	27	108	147	72	39	50	52	116	78
North Dakota	115	48	76	158	126	162	70	138	292	125	65	29	134
Ohio	65	29	29	51	70	156	109	99	54	185	69	68	83
Oklahoma	139	179	42	175	101	164	75	121	145	382	66	89	143
Oregon	92	65	36	85	183	243	120	352	151	106	99	158	114
Pennsylvania	81	35	61	58	58	118	119	104	38	85	86	98	80
South Carolina	49	42	116	87	13	177	147	86	36	60	47	191	93
South Dakota	89	46	48	181	59	152	67	81	172	168	34	56	108
Tennessee	55	23	54	82	26	80	168	108	26	130	78	69	74
Texas	91	161	150	148	153	184	136	113	145	237	53	76	141
Utah	101	132	135	241	116	302	142	131	112	316	123	178	163
Virginia	69	35	61	92	29	103	154	62	43	38	52	113	74
Washington	80	52	43	79	185	131	44	274	182	93	81	117	98
West Virginia	75	31	50	62	57	138	118	118	76	104	83	67	84
Wisconsin	118	62	71	89	116	68	76	147	180	189	73	109	112
Wyoming	63	63	85	199	72	168	132	209	146	117	104	134	128

TABLE 3.—*Monthly and annual precipitation (inches), 1941*

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama	2.74	2.78	4.60	2.93	0.66	4.24	7.97	5.29	2.76	2.14	2.51	7.32	45.94
Arizona	1.86	2.17	2.97	2.52	.74	.27	1.64	2.19	2.13	1.55	1.00	1.96	21.00
Arkansas	3.43	2.92	2.21	5.04	2.22	4.01	4.82	3.94	3.57	8.11	2.31	3.67	46.25
California	6.05	7.25	4.99	4.27	1.21	.33	.08	.23	.15	1.56	1.95	8.15	36.22
Colorado	1.04	.76	1.98	2.67	2.13	2.19	2.31	2.12	2.97	3.01	.42	.87	22.47
Florida	3.44	3.55	3.74	4.30	1.48	7.62	10.02	5.10	6.22	5.46	3.40	4.01	58.34
Georgia	1.85	2.18	4.48	2.06	.90	6.27	7.18	4.29	1.96	2.32	1.68	7.28	42.45
Idaho	1.62	1.20	.74	1.68	2.98	2.43	.73	1.70	1.63	1.55	1.93	3.37	21.56
Illinois	2.50	.75	1.19	3.75	3.09	4.34	2.75	2.74	4.96	9.14	2.63	1.68	39.52
Indiana	1.66	.76	.92	2.68	2.24	5.64	2.54	2.33	2.22	6.86	2.84	1.98	32.67
Iowa	1.73	.50	.99	2.50	3.26	6.20	2.24	1.94	7.73	6.11	1.71	1.92	36.83
Kansas	1.99	.77	.90	3.22	3.54	6.35	3.05	3.86	4.76	6.51	.88	1.09	36.92
Kentucky	2.53	.66	1.65	2.89	1.20	4.67	5.51	3.13	1.16	4.25	2.80	2.80	33.25
Louisiana	3.54	3.05	4.72	3.34	7.61	7.01	8.04	3.96	5.80	6.63	2.83	4.04	60.57
Maryland-Delaware	3.05	1.41	2.17	2.98	2.19	4.88	5.27	3.11	.53	1.64	1.84	3.48	32.55
Michigan	1.80	1.32	1.10	2.27	2.77	2.29	2.38	3.41	4.52	5.80	2.84	1.78	32.28
Minnesota	.92	.58	.93	3.08	3.45	5.05	2.24	3.88	4.76	3.23	.57	.61	29.30
Mississippi	2.79	2.66	4.77	3.67	1.39	3.59	7.38	3.97	2.82	4.92	3.62	4.88	46.46
Missouri	3.41	.58	.78	4.50	2.30	4.23	2.75	3.15	5.83	10.14	2.29	2.21	42.17
Montana	.46	.35	.49	1.37	2.24	3.29	1.33	1.53	2.96	1.00	1.33	1.21	17.58
Nebraska	.98	.51	.78	3.46	2.28	4.86	2.47	1.55	4.06	1.88	.59	1.03	34.45
Nevada	1.10	1.28	.93	1.74	.98	1.14	.73	1.28	.33	1.66	.74	1.59	13.50
New England	2.47	2.02	2.34	1.04	2.66	3.42	4.70	3.02	1.62	2.99	2.96	3.21	32.45
New Jersey	3.47	2.47	2.76	2.32	1.86	5.09	6.40	4.06	.28	1.90	2.90	3.70	37.31
New Mexico	1.15	.87	2.33	1.93	4.50	2.02	2.75	2.40	5.97	3.10	.39	.74	28.24
New York	2.06	1.94	2.28	1.55	1.87	3.22	4.81	3.03	2.13	3.75	2.37	2.95	31.98
North Carolina	2.04	1.90	3.88	3.26	1.14	5.05	8.56	3.96	1.56	1.67	1.36	4.42	38.80
North Dakota	.54	.22	.58	2.30	2.94	5.54	1.76	2.86	4.61	1.32	.40	.15	23.22
Ohio	1.97	.76	.97	1.60	2.60	5.91	4.15	3.35	1.61	4.73	1.89	1.89	31.43
Oklahoma	2.03	2.42	.92	5.94	4.79	6.30	2.24	3.62	4.44	11.47	1.36	1.51	47.04
Oregon	3.52	2.00	.98	1.69	3.19	2.94	.54	1.43	1.83	2.03	3.71	5.99	29.90
Pennsylvania	2.62	1.04	2.10	2.01	2.25	4.96	5.11	4.37	1.33	2.76	2.45	3.09	34.10
South Carolina	1.74	1.81	4.52	2.65	.46	8.42	8.54	4.88	1.49	1.83	1.08	6.95	44.37
South Dakota	.49	.26	.54	3.90	1.77	5.35	1.75	1.85	2.87	2.17	.23	.32	21.50
Tennessee	2.60	1.02	2.90	3.62	1.06	3.39	7.43	4.34	.79	3.68	2.79	3.15	36.77
Texas	1.75	3.00	3.16	4.57	5.65	5.72	3.56	2.74	4.25	6.21	1.20	1.72	43.53
Utah	1.20	1.62	1.88	2.87	1.41	1.69	1.25	1.23	1.12	3.32	1.17	1.91	20.82
Virginia	2.20	1.09	2.26	3.05	1.09	4.27	6.93	2.69	1.36	1.12	1.27	3.47	30.80
Washington	3.96	1.93	1.43	1.87	3.69	2.07	.29	2.08	3.32	2.74	4.21	6.39	33.98
West Virginia	2.73	.96	1.95	2.17	2.28	6.03	5.39	4.80	2.22	2.89	2.31	2.24	35.97
Wisconsin	1.41	.72	1.25	2.27	4.19	2.74	2.72	4.70	6.57	4.67	1.36	1.41	34.01
Wyoming	.49	.48	.99	3.17	1.53	2.68	1.72	2.30	1.67	1.28	.73	.99	18.03

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

State or region	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
Alabama	121	91	104	93	113	111	92	112	102	87
Arizona	100	86	78	112	103	99	101	93	125	151
Arkansas	105	101	88	117	72	114	102	104	93	96
California	66	86	76	94	111	123	128	67	152	154
Colorado	86	92	66	96	98	88	117	65	102	136
Florida	100	106	101	99	109	111	82	103	99	111
Georgia	114	84	96	90	118	106	85	99	95	86
Idaho	111	100	89	72	96	116	113	79	127	124
Illinois	98	94	88	112	82	99	109	96	77	106
Indiana	108	103	75	100	86	117	104	99	83	83
Iowa	102	79	85	105	82	87	115	80	97	116
Kansas	89	83	74	106	69	78	102	75	96	138
Kentucky	97	111	81	126	83	109	101	104	85	73
Louisiana	112	98	106	102	82	106	90	92	134	109
Maryland-Delaware	115	120	112	116	107	126	101	106	105	79
Michigan	108	99	83	93	89	101	103	99	107	105
Minnesota	86	83	80	102	73	102	113	87	101	116
Mississippi	127	94	100	96	84	104	92	102	114	87
Missouri	94	90	85	118	73	93	102	95	81	105
Montana	106	103	73	71	75	85	109	84	100	115
Nebraska	89	85	61	97	62	75	95	69	74	104
Nevada	92	75	79	96	116	101	134	97	125	154
New England	105	107	103	93	119	114	122	92	103	78
New Jersey	103	109	99	93	105	105	116	95	107	82
New Mexico	112	88	70	102	94	104	101	91	104	195
New York	108	96	90	97	103	112	106	88	103	82
North Carolina	105	79	108	97	121	107	97	99	92	78
North Dakota	99	77	55	105	52	99	89	82	101	134
Ohio	97	99	70	104	88	117	105	100	101	83
Oklahoma	104	93	84	112	67	85	101	81	103	143
Oregon	102	108	99	78	89	133	101	79	113	114
Pennsylvania	92	107	92	95	100	110	95	87	103	80
South Carolina	113	75	95	89	122	109	85	97	90	93
South Dakota	96	76	66	85	58	86	88	79	79	108
Tennessee	119	102	95	100	95	112	100	100	86	74
Texas	110	84	87	121	102	87	88	80	113	141
Utah	105	83	74	85	132	115	118	90	123	163
Virginia	107	95	110	112	109	128	101	99	107	74
Washington	127	136	110	84	93	125	84	91	103	98
West Virginia	102	113	87	119	98	116	99	101	103	84
Wisconsin	83	89	100	100	84	90	137	87	108	112
Wyoming	95	87	78	87	94	110	108	73	103	128

West of this dry area, excessive rainfall was quite general during the crop season, especially in New Mexico which received twice the normal amount. Crops suffered severely. For instance, it was reported from Louisiana and eastern Texas that many fields were flooded, levees broken, and cultivation and harvesting hampered. Cotton became sappy and weevil damage severe, and many fields of cotton, corn, rice, and truck produced disappointing yields or were abandoned. In spite of wetness, bumper crops of many kinds were harvested in most of the western portion of the country, and stockmen in the West enjoyed a favorable year.

Reference is made to charts in the back of this publication which present for the 1941 crop season the following: Chart 1,—Departure from Normal Temperature; Chart 2,—Total Precipitation; and Chart 3,—Departure from Normal Precipitation.

January.—January, as a whole, was abnormally warm everywhere, except in some of the more eastern States, principally in the Northeast. Monthly average temperature departures ranged from 3.2° below normal for New England to 5.3° above normal for Iowa. There were no extended severe cold periods. Zero temperatures occurred as far south as Kentucky during the month. Killing frost on the 20th extended to south-central Florida.

Precipitation was unusually heavy from the western Lake region southwestward over the western Plains and in California, with an average of 2.41 inches more than normal in eastern Kansas. Amounts were below normal in the Pacific Northwest, middle and northern Rocky Mountain regions, and from Louisiana, Arkansas, southeastern Missouri, and Indiana eastward over practically all of the Atlantic States north of Florida, and especially in Mississippi and Tennessee. North Carolina and Georgia experienced the driest January since 1928.

February.—Mean temperatures were below normal from Pennsylvania and the southern Lake region southward over the Cotton Belt, except in central and western Oklahoma and western and northwestern Texas; average deficiencies exceeded 5° in the Southeast. Elsewhere, temperatures were generally above normal, with some States in the Rocky Mountains and Great Basin having plus departures of over 5°. It was the coldest February since 1912 in Florida, where freezing occurred southward to Hardee County on the 10th; while it was the 3d warmest February in Oregon and the 6th warmest in Nevada.

Rather dry weather prevailed from eastern Washington and central and eastern Oregon eastward over the northern portion of the country and thence southward over the South Atlantic and east Gulf Coastal Plains, except the Florida Peninsula, with average State deficiencies of 2 to over 3 inches between the Ohio Valley and the Gulf. It was the driest February of record in southern Ohio, 3d driest in Indiana, 5th driest in Wyoming, and the driest in Pennsylvania since 1901. Heavy to excessive amounts of precipitation occurred in the Florida Peninsula, Texas, Oklahoma, Arkansas, western Washington, and California, with Los Angeles reporting 12.42 inches which was its second wettest February of record.

March.—It was warm for the season from the Pacific coast eastward over the Great Basin and northern States to the Dakotas and northern Minnesota, and cold elsewhere. State averages were around 4° above normal in the far Northwest, while they ranged from near 4° to more than 6° below normal east of the Mississippi River and from Oklahoma and Missouri southward. The State of Washington reported the warmest March of record and the warmest December to March period, and Nevada set a new record for its highest temperature for March, with 102° at Overton. It was the 2d coldest March in South Carolina and West Virginia and the 3d in Virginia and North Carolina; also, the coldest March since 1932 in Oklahoma and Michigan. The most extensive freeze of the season reached south-central Florida on the 2d. A severe cold wave for so late in the season moved over the northern interior, beginning in eastern Montana as a widespread windstorm on the 15th and extending eastward as a severe blizzard to Michigan, with subzero readings as far south as Kentucky and North Carolina on the 16th and 17th.

Precipitation continued considerably below normal from eastern Washington and eastern Oregon eastward over the northern portion of the country and southward almost to the Gulf and was again heavy from California to Texas, in sections of the Gulf Coastal Plain, and in Florida and the eastern Carolinas. It was the 2d driest March in Indiana and Idaho. The least of record for the February-March period was reported from Missouri, Illinois, Indiana, Ohio, Pennsylvania, West Virginia, Kentucky, and Tennessee, with the Maryland-Delaware average equalling the previous least amount, while New Mexico and Arizona had more than twice their normals.

April.—April was cool for the season in central and eastern California, and from southern Idaho and southern Wyoming southward to Mexico and warmer elsewhere, with an average departure of minus 7° for northern Arizona and plus departures of over 6° for sections of the Lake region, Ohio Valley, and North Atlantic States. It was the 2d warmest April in New York, Pennsylvania, New Jersey, and Virginia, and the 3d warmest

in Indiana, with unusual warmth in the East from the 9th to the 20th.

Precipitation was generally below normal east of the Mississippi River and in the Pacific Northwest, and rather heavy in the western Plains and the Southwest, and in California, and southern Florida. New York reported the driest April since 1900 and the least April snowfall since records began in 1890, with many stations having the least number of rainy days. It was the driest April of record at Eastport and Portland, Maine, Concord, N. H., and Canton, N. Y. On the other hand, it was the wettest April at Key West, Fla., 3d wettest in California and South Dakota, and the 4th in Oklahoma.

May.—The weather of May was characterized by abnormally high temperatures throughout the interior of the country and by moderate warmth elsewhere. Arizona was the only State having a mean temperature below normal, with a departure of less than 1°. Several heat waves in eastern sections produced record-breaking maximum temperatures at many stations, especially in Virginia. It was the 6th warmest May in Wisconsin.

Precipitation was decidedly below normal in South Dakota and Nebraska, and from Missouri, Arkansas, and Mississippi eastward over the Atlantic States. It was the driest May of record in Alabama, Kentucky, and South Carolina, the 2d driest in Virginia, North Carolina, and Georgia, and the 3d driest in Florida. Crops suffered in eastern sections from the lack of moisture. A large southwestern area, centered in New Mexico and northwestern Texas, had heavy rains ranging up to 4 to 6 times the normal amounts. It was the wettest May of record in New Mexico and western Washington, and the record for wetness was equalled in Oregon.

June.—Mean temperatures by States ranged from 1° to 3° above normal from Missouri and Tennessee northward over the northern border States, and from 1° to 4° below normal from the western Cotton Belt and central western Plains to Oregon and California. Oklahoma had the coolest June since 1928 and the wettest since 1935.

Rainfall was abnormally heavy from the western Canadian border southward over Texas, along the Gulf, from eastern North Carolina to Florida, and from central Illinois to northern West Virginia, with unusual amounts in the Dakotas, Kansas, Oklahoma, Texas, South Carolina, and Ohio. It was the wettest June for eastern Oregon and the 2d wettest for South Carolina. Amounts were much below normal in Wisconsin, southeastern Missouri, and western Tennessee. Rains relieved, at least temporarily, the drought that had prevailed in most sections east of the Mississippi River.

July.—It was again generally warm in the northern and eastern portions of the country and in the central valleys, especially in Missouri, and cool in the Southwest. Many new records for continued heat and high temperatures were established in the Pacific Northwest.

Precipitation was much above normal from the Gulf to New England and mostly below in the north-central interior, with the usual marked local differences. Virginia had their 2d wettest July and the record for number of rainy days for the month was equalled. Cotton suffered the most severely as a result of these heavy rains.

August.—August was generally warmer than usual from the middle Canadian border southeastward over the middle and eastern Cotton States, and cooler in the Northeast and from Oregon to New Mexico. Some highest temperature records were established in the more northern interior States.

Precipitation was generally below normal from Nebraska and eastern South Dakota to the lower Ohio Valley and in the Atlantic States, and above in the northern border States from Michigan westward to the Pacific coast, in the middle Rocky Mountains, eastern Kansas, Oklahoma, and northwestern Texas. In eastern sections pastures were poor and many streams and wells were drying up because of the scanty rainfall, while in Idaho and eastern Oregon it was the wettest August on record.

September.—This month was much cooler than usual from the western Dakotas and Rocky Mountain States westward almost to the Pacific coast, and considerably warmer than normal over practically the entire region to the eastward. The average State deficiencies in mean temperature generally exceeded 4° in the Rocky Mountains, while the plus departures were approximately 3° from Tennessee to Michigan.

It was rather dry from Indiana and the lower Mississippi River eastward over the Atlantic States north of Florida, with amounts averaging around 2 inches below normal in Tennessee and from South Carolina to New Jersey. In New Jersey it was the driest September of record and in Pennsylvania the 2d driest. Unusually heavy precipitation occurred in the western Lake region, Illinois, and in all States west of the Mississippi River, except California and Nevada. It was the wettest September in the climatic history of Wisconsin, eastern North Dakota, Montana, western Oregon, and New Mexico, with the average for the last named State being the greatest ever recorded in any month in that State. Amounts were also heavy along the Gulf and in Florida.

October.—It was again considerably warmer than usual for the season in practically the entire region from the western Plains to the Atlantic and Gulf coasts, setting new records of highest temperatures for October at many stations in the East and Southeast. Cool weather continued in the Rocky Mountains, Great Basin, and eastern California. It was the warmest October of record in Virginia and Arkansas, and the 2d warmest in the Carolinas, Florida, Georgia, and Louisiana, while it was the coolest October since 1920 in Nevada.

Precipitation was below normal from Alabama northeastward over most of the Atlantic States and in a few far northwestern areas, while it was decidedly above in the central valleys, Southwest, Great Basin, and western Washington. Illinois, Kansas, Michigan, Oklahoma, Utah, and Missouri had the wettest October of record, and New Mexico, Indiana, and Iowa the 2d wettest.

November.—Temperatures averaged somewhat below normal from southern Texas and the middle Gulf to Arkansas and Tennessee, and above elsewhere, especially in northern sections where averages generally exceeded their normals by 3° to over 4°.

November was relatively dry in most sections, with Virginia, the Carolinas, and Texas receiving approximately one-half their usual amounts of rain. Precipitation was practically normal from the Rocky Mountains westward and in Iowa, Illinois, Michigan, and Mississippi. Florida, with 50 percent more than normal, was the only State that could be classed as wet. Heavy rains occurred in north Pacific areas.

December.—This month was warmer than usual in practically all sections and especially in the northern interior, where State averages ranged from 7° to over 9° above normal. Frosts and freezing temperatures did not extend below the northern counties of Florida. A cold wave appeared in the Pacific Northwest and northern Rocky Mountains at the close of the year.

Precipitation was below normal in the Dakotas and in

a strip of territory extending from Texas northeastward to Michigan and Pennsylvania, with Tennessee having a deficiency of nearly 2 inches; elsewhere, amounts were generally above normal. From 3 to over 4 inches more than the usual State averages fell in the Southeast and in California. Many middle and north Pacific stations received over 20 inches of rain. It was the 2d driest December in North Dakota, while in the Atlantic States the drought was effectively broken.

ALASKA

In the southern division of Alaska, temperature averaged 43.0° for 1941, or 2.1° above normal, precipitation, 80.58 inches or 5.70 inches below normal, and snowfall 58.5 inches or 40.3 inches less than normal. In the northern division, these values were 28.2° or 2.4° above, 13.55 inches or 1.09 inches below, and 44.1 inches or 14.9 inches below, respectively. The highest temperature during the year was 91° at Circle Hot Springs on July 14th and the lowest −65° at Fort Yukon on January 27th. Annual total precipitation ranged from 3.95 inches at Barrow in the Arctic to 206.10 inches at Latouche on the Gulf of Alaska. Forest fires caused considerable damage to spruce forests and destroyed many fur-bearing animals in the upper Koyukuk River area during the 3d week in June. Auroras were observed almost daily in some part of the Territory from September through March.

HAWAII

The average temperature for the year was 72.2° or 0.9° above normal. The highest monthly mean for the Territory was 76.2° in August and the lowest 68.1° in February. The highest for any day was 96° at Mahukona, Hawaii, on August 14th and the lowest 18° at Haleakala, Maui, on February 9th. Precipitation for the group of Islands averaged 78.70 inches or 5.29 inches below normal. The most outstanding feature of the weather during 1941 was the almost unbroken dryness that prevailed over the Islands forming the northwestern portion of the group. This dryness extended over most leeward areas of the southeastern Islands of the group as well.

WEST INDIES AND CARIBBEAN SECTION

The mean annual temperature for 1941 was 80.1° or 1.1° above normal. The highest temperature recorded for the year was 100° at Tela, Honduras, in April and again in September; lowest was 47° at Central Ceballos and Central Elia, Cuba, in March. Annual rainfall during 1941 for the entire West Indies and Caribbean Section based on records of about 450 stations averaged 60.21 inches or 3.65 inches below normal. Fellowship, Jamaica, reported 210.67 inches of rain for the year; over 17½ feet of water. The number of days with measurable rain during the year ranged from 34 in the southern Netherland West Indies to an average maximum of 307 days for two interior stations in Colombia, South America.

The second hurricane in this area during September sank the freighter, *M.S. Ethel Skakel*, north of Aruba, W. I., on the 25th, with the loss of 20 lives. It also caused serious loss of life and property in Honduras. Another storm in October killed 3 persons in the Bahamas before passing on to Florida. An earthquake on December 5th caused moderate property damage in many widely scattered localities in Costa Rica and Panama, but no casualties were reported.

TORNADOES, 1941

Tornadoes of 1941 are tabulated as follows: Table 5, tornadoes chronologically, monthly and annual, by States; table 6, tornado frequency, monthly and annual, by States; table 7, deaths and injuries, monthly and annual, by States; table 8, destruction in dollars, monthly and annual, by States; table 9, number, deaths, and property loss since 1916. These reports were furnished by Section Directors of the various States or sections, and accounts appear in the CLIMATOLOGICAL DATA of the respective States. There is also a preliminary report in the MONTHLY WEATHER REVIEW of December, 1941. The following tabulations may differ in some cases from previous reports of these storms, but this is due to more recent information used herein.

Tornado activity was considerably below normal during this year. The number of tornadoes reported was 117, or 23 less than the average for the 1916 to 1941 period. These occurred in 29 States. All but 22 were reported from the region extending from New Mexico, Texas, and Louisiana north-northeastward to the western Lake Region. Iowa had 24; Kansas, 19; and Texas, 12. California, Wyoming, and Utah, with 1 each, were the only States west of this area to report any. The one in Utah was the first ever officially recorded in that State. There were 56 days during the year on which tornadoes occurred. Of these, 10 days were in April with 30 tornadoes, 10 in May with 16, 11 in June with 25, and 7 in October with 23.

The loss of life was 53 persons killed against a 26-year average of 239. Most of these deaths occurred in October and June, with 24 and 15 respectively. On October 26th, 19 people were killed in Arkansas and at least 95 injured when 20 homes were demolished at Dardanelle and 53 at Hamburg. It is estimated that 458 were injured during the year. At least 224 of these injuries occurred during October; of which number, 136 were from the Kansas storm of the 6th.

Total property loss was in excess of $4,492,650 against a normal of over 11 million dollars. Only about $52,500 of this loss was listed as crop damage. The greatest damage was in June, with over $1,193,900 loss. On the 9th of this month in Lamb, Swisher, and Donley counties, Texas, tornadoes caused $510,000 damage. They also caused property damage of $425,000 in Minnesota on September 4th, and $400,000 in New Jersey on August 25th.

TABLE 5.—*Tornadoes of 1941, arranged by States*

State and date	Hour	County	Direction of advance	Length of path	Width of path	Deaths	Injured	Property losses	Remarks
ALABAMA				*Miles*	*Yards*			*Dollars*	
(None reported)									
ALASKA									
(None reported)									
ARIZONA									
(None reported)									
ARKANSAS									
1. April 18	8:45 p.m.	Benton (SE.), Carroll (NW.)	NE	25	200	0	1	10,000	Orchards damaged; 2700 chickens killed.
2. Oct. 26	4 p.m.	Yell (NE.), Pope (S.)	NE	18	(3)	4	20	75,000	20 houses demolished at Dardanelle.
3. Oct. 26	11:15 p.m.	Ashley (C.)	NE	(4)	(3)	15	75	125,000	All destruction in Hamburg; 53 houses destroyed.
CALIFORNIA									
1. April 9	3 p.m.	Glenn (NE.)	NE	8	265	0	1	(5)	Considerable damage to trees and buildings; several buildings and 1 barn demolished. No monetary estimate available.
COLORADO									
1. May 9	2:30 p.m.	Denver	(1)	(1)	4	0	0	1,500	No details given.
2. May 15	2:30 p.m.	Denver	(1)	(1)	(1)	0	0	(5)	No property loss reported.
*3. June 8	Afternoon	Cheyenne (S.-C.), Kit Carson (E.-C.)	NNE E	100	(1)	0	1	50,000	Destroyed many farm buildings, 1 concrete school house, and several residences; moved into Kansas.
CONNECTICUT									
(None reported)									
DELAWARE									
1. July 6	7:30 p.m.	New Castle (NE.)	NE	1	200	0	0	5,000	Wilmington; 6 garages flattened, 2 barns twisted from foundations, trees uprooted.
*2. Aug. 25	11:30 a.m.	New Castle (N.)	E	30	333-500	0	7	150,000	Wilmington; a lifted garage landed against and damaged a home, stone barn demolished, thousands of trees uprooted; telephone and power lines broken. Kemblesville, Pa., to Swedesboro, N. J.
DISTRICT OF COLUMBIA									
(None reported)									

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1941, arranged by States*—Continued

State and date	Hour	County	Direction of advance	Length of path	Width of path	Deaths	Injured	Property losses	Remarks
				Miles	*Yards*			*Dollars*	
FLORIDA									
1. June 6	4 p.m.	Polk	N	3	100	0	0	15,000	Haines City: 8 small homes complete loss; about 500 citrus trees uprooted.
2. June 9	6 p.m.	Seminole	SE	(4)	(3)	0	0	(5)	1 home unroofed, porch blown off; Altamonte Springs.
3. July 26	3 p.m.	Madison	NW	2	30	0	0	[6] 100 500	Near Madison.
4. Sept. 1	5:30 p.m.	Sarasota	SE	½	100	0	1	600	Near Sarasota.
5. Oct. 20	1:30 p.m.	Alachua	NW	1	(3)	0	0	100	Gainesville.
GEORGIA									
1. June 14	Afternoon	Spalding	ENE	(4)	(3)	0	(5)	[6] 1,000 15,000	Few injured. Damage principally in Griffin; dome of courthouse torn off; damage to cotton mills. Cotton damaged.
HAWAII									
(None reported)									
IDAHO									
(None reported)									
ILLINOIS									
1. Apr. 19	12:30 p.m.	Jersey	NE	½	50	0	1	2,000	
2. Apr. 19	12:45 p.m.	Sangamon	NE	½	100	0	3	15,000	
3. Oct. 4	4:20 p.m.	Sangamon	NE	2	40	0	0	2,000	
4. Oct. 4	4:45 p.m.	Logan	NE	(1)	22	0	0	3,000	
INDIANA									
(None reported)									
IOWA									
1. April 17	4:30 p.m. 5 p.m. 6:30 p.m. 7:15 p.m.	Poweshiek, Iowa Benton Linn Jones	NE NE NE NE	60	3520 3520	0 0 0 1	3 0 0 0	50,000 16,000 17,500 35,000	Began near Victor: 3 funnel clouds; hail; also secondary whirls developed and destruction occurred several miles on either side of the center of the storm track.
2 3. 4. 5. Apr 18 6. 7.	2:15–3:30 p.m.	Mills Mills Mills, Pottawattamie Fremont, Montgomery Montgomery (W.) Montgomery (W.)	NE	2–25	(3)	0	0	20,000	At least 6 tornadoes in SW. Iowa; 4 funnels at Red Oak, Montgomery County in 30 minutes; 2 funnels NE. of Thurman in Fremont County; 1 tornado originated in Fremont County, 3 in Mills County, and 2 in Montgomery County; listed from W. to E.
8. Apr. 18	About 4:10 p.m.	Guthrie, Boone	NE	15–20	(3)	0	0	10,000	Possibly a continuation of tornadoes 2 to 7.
9. Apr. 18	About 4:30 p.m.	Guthrie, Boone	NE	30	(3)	0	0	50,000	Path parallel with No. 8; possibly also a continuation of 2 to 7.
10. Apr. 19	5–9 p.m.	Washington, Jackson	NE	80		0	0	25,000	Began 5 miles N. of Washington; lifted at times.
11. June 29	Afternoon	Humbolt		(4)	(3)	0	0	(1)	Near Bode; this storm heard aloft at Sioux Rapids, Rembrandt, and Fonda. No details available.
12. Sept. 7	4:30–5 p.m.	Jasper, Poweshiek	E	30	1760	0	5	200,000	Northeast of Prairie City to near Ewart; damage on 80 farms; progressive movement about 30 m.p.h.
13. Oct. 4	11:30 p.m.	Worth (W.-C.)	NE	(4)	(3)	0	0	1,000	In connection with widespread windstorms.
14. Oct. 6	2:15 p.m.	Boone (E.)	N	2	(3)	0	1	20,000	Severe damage on 4 farms.
15. Oct. 6	Evening	Monona	NE			0	0	2,500	7 miles S. of Mapleton.
16. Oct. 6	9–10:30 p.m.	Taylor, Clarke	NE	60	220–800	0	0	25,000	2 or more; paths from half mile E. of Bedford to near Liberty; paths not continuous, longest 15 and 20 miles.
17. Oct. 6		Ringgold, Clarke	NE						
18. Oct. 6	9:45 p.m.	Madison	NE	3–5	220	0	0	12,000	Mostly at Patterson. Lumber yard and several homes damaged.
19. Oct. 6	About 11 p.m.	Grundy	NE	1	100	0	0	500	Damage on 2 farms.
20. Oct. 6	About 11 p.m.	Bremer	NE	5	440	0	0	20,000	No. 20 NW. of Waverly.
21. Oct. 6	About 11 p.m.	Bremer	NE	5	440	0	0		No. 21 S. of Sumner.
22. Oct. 6	11:30 p.m.	Fayette	NE	6	440	0	0	3,500	Damage at West Union and near Clermont; probably a redevelopment of No. 21.
23. Oct. 7	12:30 a.m.	Clayton	NE	3	440	0	0	3,500	Damage at and near McGregor.
24. Oct. 26	4 p.m.	Warren	NE	(4)	33	0	0	200	Buildings damaged on 1 farm.
KANSAS									
1. March 31	2 p.m.	Reno (NE.)	NE	[5] 350	17	0	0	50	Damage to roofs in Hutchinson.
2. Apr. 2	4 p.m.	Phillips (SW.)	NE	[5] 440	8	0	0	300	2 funnel clouds; 10 miles south of Phillipsburg.
*3. Apr. 12	9–11 p.m.	Greeley (N.), Wallace (M.), Sherman (E.), Cheyenne (E.)	NE	150	550	0	0	85,000	20 houses wrecked and 43 box cars blown from track at Sharon Springs, Kans. Ended 5 miles NE. of Max, Nebr.
4. May 15	11:20 p.m. to midnight	Russell (N.)	E	15	(3)	0	3	75,000	Damage mostly at Lucas; some at Paradise.
5. May 16	1:55 a.m.	Shawnee (NW.)	E	1	66	0	0	20,000	At Rossville and extended 1 mile east.
6. June 1	3:20 p.m.	Greeley (M.)	SW	3	25	0	0	5,000	2 miles NE. of Horace to that town. Several buildings damaged.
7. June 7	9:30 p.m.	Stevens (M.)	NE	16	880	0	0	50,000	Chief damage in Hugoton; rural buildings damaged.
8. June 8	Noon	Coffey (NW.)	E	5	66	0	0	500	Path began 2 miles east of Lebo; damaged buildings.
*9. June 8	4:30 p.m.	Sherman (M.)	NE	20	440	0	0	40,000	Began near Cheyenne Wells, Colo., ended 10 miles N. of Goodland, Kans. Damage mostly at Ruleton, Kans.

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1941, arranged by States*—Continued

State and date	Hour	County	Direction of advance	Length of path	Width of path	Deaths	Injured	Property losses	Remarks
KANSAS—con.				*Miles*	*Yards*			*Dollars*	
10. June 8	5 p.m.	Republican (M.)	NE	(4)	(3)	0	0	5,000	Mostly in NE. Belleville.
11. June 8	5:30 p.m.	Sumner (M.)	NE	12	440	0	0	10,000	3 miles E. of Wellington to 4 miles NE. of Belle Plain.
12. June 8	5:30–6:30 p.m.	Grove (NE.)	NE	50	(3)	0	(5)	50,000	Several injured. Struck south Quinter. Damage mostly to rural property.
13. June 8	10:30–11:30 p.m.	Sedgwick (N.), Butler (NW.) Marion (SE.)	NE	42	880	8	20	180,000	7 miles SW. of Maize to 9 miles SW. of Florence.
14. July 26	2:30 p.m.	Johnson (NW.), Leavenworth (S.)	NNW	8	3520	0	0	3,000	2 miles W. of DeSoto to 4 miles NW. of Linwood.
15. July 29	6 p.m.	Butler (NW.)	NE	3	1320	0	1	2,500	1 mile SW. of Elbing to short distance SE.
16. Aug. 25	5:15 to 5:55 p.m.	Marion (N.), Morris (SW.)	E	25	33	0	0		4 miles S. of Ramona to 8 miles SE. of Wilsey.
17. Aug. 25	5:15–5:30 p.m.	Marion (NE.), Morris (SW.)	ENE	3	(1)	0	0	70,000	Began 1 mile NE. of Lincolnville.
18. Aug. 25	5:15–5:30 p.m.	Marion (NE.), Morris (SW.)	ENE	8	100	0	6	(5)	Began 1 mile W. of Lincolnville. No estimate given.
*19. Oct. 6	Late afternoon	Johnson	NE	(1)	(1)	0	0	(1)	Just E. of Olathe to Missouri line.
KENTUCKY									
(None reported)									
LOUISIANA									
1. Jan. 14	2:30 p.m.	St. Mary (E.)	NE	(1)	800	0	0	500	
2. Jan. 26	4:30 a.m.	St. Landry (W.-C.)	NE	1	(3)	0	5	1,000	2 homes demolished; 2 others damaged.
3. June 7	9:55 a.m.	Calcasieu (N.)	NW	(4)	200	3	8	400	Small home demolished.
4. June 10	2:14 p.m.	Bossiev (W.-C.)	NE	60–70	100	0	2	{*10,000 70,000}	8 business buildings and 17 residences damaged.
5. Oct. 26	10:00 p.m.	Caddo (S.)	NE	3	100	1	10	15,000	12 houses damaged.
6. Oct. 30	9:30 a.m.	Calcasieu (E.-C.)	NNE	(1)	20	0	2	20,000	No remarks.
7. Dec. 25	10:30 a.m.	Evangeline (E.), St. Landry (N.)	NE	10	200	0	6	17,000	18 small homes damaged or demolished.
MAINE									
(None reported)									
MARYLAND									
1. Aug. 15	3 p.m.	Garrett (N.)	E	20	167–333	0	6	{*300 5,000}	From W. Va. line through Sang Run to eastern foot of Meadow Mountain; 2 funnel clouds side by side.
MASSACHUSETTS									
1. May 24	12:37 p.m.	Suffolk	E	*50	10	0	0	500	Weakly developed.
MICHIGAN									
1. Apr. 19	5:45–6:05 p.m.	Livingston	NE	20	135–200	0	4	100,000	Damage to houses, barns, and trees. Power and communication lines damaged.
MINNESOTA									
1. May 14	8:20 p.m.	Brown (SW.)	SE	7	(1)	1	(5)	150,000	One house and many outbuildings, and barns entirely demolished. Crops and trees damaged; several injured.
2. May 28	3 p.m.	Kandiyohi (E.)	NE	10	(1)	0	0	40,000	Damage mostly to buildings and trees.
3. May 28	3 p.m.	Redwood (N.)	NE	2	67	0	0	20,000	Damage mostly to buildings, trees, and crops.
4. Sept. 4	12:17 p.m.	Hennepin (E.), Ramsey (N.), and Washington (N.)	NE	30	100	5	50	425,000	From Cedar Avenue Airport through Minneapolis and White Bear Lake and over Centerville. Much damage to buildings, factories, automobiles, and crops. Gondola cars loaded with 80,000 lbs. of coal overturned.
5. Sept. 14	3:45 p.m.	Benton (E.)	NE	8	275	0	0	60,000	Damage to buildings and trees.
6. Oct. 5	1:30 a.m.	Houston (S.)	NE	8	22	0	0	3,000	Damaged buildings and trees.
MISSISSIPPI									
(None reported)									
MISSOURI									
1. Apr. 17	6 p.m.	Andrew (NW.)	NE	15	66	0	4	200,000	Struck Fillmore and vicinity. One new brick church demolished. Frame church and 20 houses badly damaged.
2. Apr. 18	Late evening	Stone (E.-C.)	(1)	(1)	(1)	2	0	(1)	Near Reed Springs.
*3. Oct. 6	5 p.m.	Jackson (NW.)	NE	9	100	4	135	250,000	Kansas City and vicinity; several funnel clouds; houses demolished and unroofed; damage to buildings and industrial plants and transmission lines broken.
4. Oct. 6	10:30 p.m.	Clinton (NE.)	NE	(1)	1760	0	1	100,000	Cameron and vicinity.
MONTANA									
(None reported)									
NEBRASKA									
1. Apr. 5	7 p.m.	Scotts Bluff	S	2	50	0	4	1,000	1 home wrecked.
*2. Apr. 12	9:45 p.m.	Dundy	NE	5	100	0	14	20,000	From Cheyenne County, Kansas; 12 buildings destroyed.
3. Apr. 12	10:30 p.m.	Dundy	NE	2	100	0	0	2,000	Destroyed barns and small buildings.
4. May 15	11 p.m.	York	E	3	500	0	0	10,000	Destroyed buildings, and livestock.

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1941, arranged by States*—Continued

State and date	Hour	County	Direction of advance	Length of path	Width of path	Deaths	Injured	Property losses	Remarks
				Miles	*Yards*			*Dollars*	
NEVADA									
(None reported)									
NEW HAMPSHIRE									
(None reported)									
NEW JERSEY									
*1. Aug. 25	About 1 p.m.	Gloucester, Middlesex	NE	75	175	1	25	400,000	At Swedesboro and Hopelawn; from Kemblesville, Pa.
NEW MEXICO									
1. May 29	1:18 p.m.	Chaves	(1)	(1)	(1)	0	0	500	20 miles WSW. of Roswell; isolated area.
2. May 30	2:40 p.m.	Chaves	(1)	(1)	(1)	0	0	1,000	12 miles SW. of Roswell; isolated area.
3. July 11	(1)	Chaves	(1)	(1)	(1)	0	0	1,000	Near Boaz.
NEW YORK									
(None reported)									
NORTH CAROLINA									
1. Oct. 28	About 2 a.m.	Johnston (E.)	(1)	(1)	(1)	0	0	4,000	4 miles south of Selma; trees and light buildings blown over.
NORTH DAKOTA									
(None reported)									
OHIO									
1. June		Butler	(1)	(1)	(1)	0	0		Garage and school bus damaged at Middletown.
OKLAHOMA									
1. Apr. 18	11 p.m.	Beckham (C.)	SE	2	440	0	0	12,500	Buildings damaged.
2. Apr. 19	1:10 a.m.	Comanche (SW.)	NE	5	880	0	0	1,200	Buildings damaged; light crop damage.
3. Apr. 19	5 a.m.	Tulsa (W-C.)	(1)	*67	13	0	0	300	Demolished small garage.
4. May 4	4:30 p.m.	Pottawatomie (W-C.)	N	10	352	1	3	25,000	Near Macomb; several buildings destroyed and power lines damaged.
5. May 4	5 p.m.	Pottawatomie (C.)	NE	2	33	0	0	2,000	Possibly part of preceding storm.
6. May 4	8 p.m.	Okfuskee (C.)	NE	3	200	0	0	20,000	Damaged about 50 homes.
*7. June 7	7:15 p.m.	SW. Texas, crossed Panhandle	NE	20	250	0	0	55,000	Struck at Texhoma, followed north Canadian River for several miles then struck NW of Guymon.
8. June 9	7 a.m.	Woodward (NW.)	SE	3	250	0	3	100,000	Damage mostly to homes.
OREGON									
(None reported)									
PENNSYLVANIA									
1. July 18	10 p.m.	Clinton and lower Potter	NE	10	480	0	0	0	In heavy wooded area.
2. July 30	5:15 p.m.	Bucks	SSE	1¼	200	0	0	(1)	Property and crop damage.
*3. Aug. 25	Early afternoon	Chester	E	3½	300	0	(8)	100,000	Loss includes crop damage; several injured; crossed into Delaware.
RHODE ISLAND									
(None reported)									
SOUTH CAROLINA									
(None reported)									
SOUTH DAKOTA									
1. June 29	8:30 p.m.	Marshall	NE	(5)		0	0	(6)	Farm buildings and school damaged; path several miles long, no monetary estimate available.
TENNESSEE									
1. June 3	Noon	Montgomery	NE	(4)	100	0	0	(7)	Wrecked several small farm buildings.
TEXAS									
1. Apr. 2	7:40 p.m.	Freestone	NE	(1)	100	0	3	15,000	
2. Apr. 15	3:00 a.m.	Taylor	(1)	(1)	(1)	0	0	100	Small tornado; no details.
3. Apr. 17	3:52 p.m.	Montague	E	(1)	(1)	0	0	2,500	
4. May 9	4:30–6:00 p.m.	Castro Hale	(1)	18	(1)	2	14	*25,000 10,000	Damage to buildings and crops.
*5. June 7	Around 7 p.m.	Sherman (N.)	NE	(1)	(1)	0	0	(1)	Crossed into Oklahoma.
6. June 8	4 a.m.	Briscoe	NE	3	880	0	0	4,000	No details.
7. June 9	4 a.m.	Lamb	NE	(1)	100	2	11	3,500	No details.
8. June 9	4:15–4:30 a.m.	Swisher	NE	(1)	100	1	12	6,500	Tornadoes 7, 8, and 9 may have been the same tornado.
9. June 9	5 a.m.	Donley	NE	(1)	70	1	(1)	500,000	
10. June 10	2:10 p.m.	Harrison	E	3	880	0	0	3,000	Damage to buildings.
11. June 11	7:30 p.m.	Frio	NW	5	(1)	0	0	6,000	Damage to buildings.
12. June 27	3:30–5:00 p.m.	Kaufman	SE	6	(1)	0	0	10,000	Damage to buildings and corn crop.

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1941, arranged by States*—Continued

State and date	Hour	County	Direction of advance	Length of path	Width of path	Deaths	Injured	Property losses	Remarks
UTAH				*Miles*	*Yards*			*Dollars*	
1. May 27	12 noon	Davis	NE	10	100	0	0	4,000	First tornado officially recorded in Utah; formed above Great Salt Lake and touched ground at Woods Cross and South Bountiful. Destroyed several buildings, and unroofed church.
VERMONT									
(None reported)									
VIRGINIA									
1. Aug. 12	4 p.m.	Dinwiddie	NE	4	880	1	0	50,000	No details.
WASHINGTON									
(None reported)									
WEST INDIES									
(None reported)									
WEST VIRGINIA									
(None reported)									
WISCONSIN									
1. Apr. 13	4 p.m.	Langlade	E	6	160	0	0	12,000	Several barns and houses wrecked.
2. Apr. 14	2 p.m.	Portage	NE	2	(3)	0	0	4,000	No details.
3. Apr. 19	8:30 p.m.	Rock	NE	6	100	0	0	10,000	No details.
4. Sept. 3	6 p.m.	Grant	NE	(4)	100	0	2	1,000	No details.
WYOMING									
1. Sept.			(1)	(1)	(1)	0	0	(1)	

* Denotes a State-boundery-crossing tornado.
[a] Crop damage.
[1] Datum not obtained.
[2] Time is the standard used in the locality.
[3] Narrow.
[4] Short.
[5] See remarks.
[6] Yards instead of miles.

TABLE 6.—*Monthly and annual tornado frequency, by States, 1941*

State or section	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama													0
Arizona													0
Arkansas				1						2			3
California				1									1
Colorado					2	1							3
Connecticut													0
Delaware							1	1					2
District of Columbia													0
Florida						2	1		1	1			5
Georgia						1							1
Idaho													0
Illinois				2						2			4
Indiana													0
Iowa				10		1			1	12			24
Kansas			1	2	2	8	2	3		1			19
Kentucky													0
Louisiana	2					2				2		1	7
Maine													0
Maryland								1					1
Massachusetts					1								1
Michigan				1									1
Minnesota					3				2	1			6
Mississippi													0
Missouri				2						2			4
Montana													0
Nebraska				3	1								4
Nevada													0
New Hampshire													0
New Jersey								1					1
New Mexico					2		1						3
New York													0
North Carolina										1			1
North Dakota													0
Ohio						1							1
Oklahoma				3	3	2							8
Oregon													0
Pennsylvania							2	1					3
Rhode Island													0
South Carolina													0
South Dakota						1							1
Tennessee						1							1
Texas				3	1	8							12
Utah					1								1
Vermont													0
Virginia								1					1
Washington													0
West Virginia													0
Wisconsin				3					1				4
Wyoming									1				1
Total [1]	2	0	1	31	16	28	7	8	6	24	0	1	124
Total [2]	2	0	1	30	16	25	7	6	6	23	0	1	117

[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 1941*

States	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																									0	0
Arizona																									0	0
Arkansas							0	1											19	75					19	76
California							0	1																	0	1
Colorado											0	1													0	1
Delaware															0	7									0	7
Florida																	0	1							0	1
Georgia												0	(1)												0	(1)
Idaho																									0	0
Illinois							0	4																	0	4
Indiana																									0	0
Iowa							1	3									0	5	0	1					1	9
Kansas							0	5	0	3	8	20	0	1	0	6									8	35
Kentucky																									0	0
Louisiana	0	5									3	10							1	12			0	6	4	33
Maryland															0	6									0	6
Massachusetts																									0	0
Michigan							0	4																	0	4
Minnesota									1	(1)							5	50							6	50
Mississippi																									0	0
Missouri							2	4											4	136					6	140
Montana																									0	0
Nebraska							0	18																	0	18
Nevada																									0	0
New England																									0	0
New Jersey															1	25									1	25
New Mexico																									0	0
New York																									0	0
North Carolina																									0	0
North Dakota																									0	0
Ohio																									0	0
Oklahoma									1	3	0	3													1	6
Oregon																									0	0
Pennsylvania																									0	0
South Carolina																									0	0
South Dakota																									0	0
Tennessee																									0	0
Texas							0	3	2	14	4	23													6	40
Utah																									0	0
Virginia															1	0									1	0
Washington																									0	0
West Virginia																									0	0
Wisconsin																	0	2							0	2
Wyoming																									0	0
Total [2]	0	5	0	0	0	0	3	43	4	20	15	57	0	1	2	44	5	58	24	224	0	0	0	6	53	458
Sections outside continental U. S.:																										
Alaska																									0	0
Hawaii																									0	0
West Indies																									0	0

[1] Several injured.

[2] None reported from other states.

TABLE 8.—*Tornado destruction in dollars, by months, during 1941*

State or section	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Crop	Property	Total
Alabama															0
Arizona															0
Arkansas				10,000						200,000				210,000	210,000
California				(1)										(1)	(1)
Colorado					1,500	50,000								51,500	51,500
District of Columbia															0
Delaware							5,000	150,000						155,000	155,000
Florida						15,000	[2] 600		600	100			(3)	16,300	16,300
Georgia						[4] 1,000 15,000							1,000	15,000	16,000
Idaho															0
Illinois				17,000						5,000				22,000	22,000
Indiana															0
Iowa				[1] 223,500		(3)			[2] 200,000	[5] 88,200			(1)	511,700	[5] 511,700
Kansas			50	85,300	95,000	340,500	5,500	70,000		(3)			(3)	596,350	596,350
Kentucky															0
Louisiana	1,500					[4] 10,000 70,400				35,000		17,000	10,000	123,900	133,900
Maryland								[4] 300 5,000					300	5,000	5,300
Massachusetts															
Michigan				100,000									(3)	100,000	100,000
Minnesota					210,000				485,000	3,000			(1)	698,000	698,000
Mississippi															0
Missouri				[6] 200,000						350,000				[6] 550,000	[6] 550,000
Montana															0
Nebraska				23,000	10,000									33,000	33,000
Nevada															0
New England															500
New Jersey								400,000					(3)	400,000	400,000
New Mexico					1,500		1,000							2,500	2,500
New York															0
North Carolina										4,000				4,000	4,000
North Dakota															0
Ohio						4,000								4,000	4,000
Oklahoma				[4] 200 13,800	[4] 1,000 46,000	[4] 40,000 115,000							41,200	174,800	216,000
Oregon															0
Pennsylvania							(3)	100,000					(3)	[6] 100,000	[6] 100,000
South Carolina															0
South Dakota						(1)							(1)	(1)	(1)
Tennessee						(3)								(3)	(3)
Texas				17,600	35,000	533,000							(3)	585,600	585,600
Utah					4,000									4,000	4,000
Virginia								50,000						50,000	50,000
Washington															0
West Virginia															0
Wisconsin				26,000					1,000					27,000	27,000
Wyoming									(1)					(1)	(1)
Total	1,500	0	50	[4] 200 716,200	[4] 1,000 403,500	[4] 51,000 1,142,900	12,100	[4] 300 775,000	686,600	685,300	0	17,000	52,500	4,440,150	4,492,650

[1] Damage occurred; no estimate obtained.
[2] Includes damage to crops.
[3] Damage small.
[4] Crop damage.
[5] See monthly reference for qualifying remarks.
[6] Additional losses occurred; no estimate obtained.

TABLE 9.—*Deaths and property losses caused by tornadoes, 1916–41*

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	1930	192	179	$12,289,100
1917	121	508	15,007,700	1931	94	36	3,215,400
1918	81	134	7,631,200	1932	152	394	8,988,525
1919	65	205	6,861,500	1933	260	362	16,190,640
1920	87	498	15,205,000	1934	147	47	4,424,950
1921	106	202	5,406,300	1935	182	70	4,732,930
1922	108	133	6,630,000	1936	159	552	26,228,550
1923	100	109	2,958,750	1937	148	29	3,155,875
1924	160	376	26,120,850	1938	220	183	8,796,257
1925	119	794	24,023,900	1939	154	87	5,891,930
1926	111	144	4,318,950	1940	128	65	6,015,320
1927	164	540	43,445,650	1941	117	53	4,492,650
1928	203	92	13,235,600	Total	3,631	6,206	287,828,427
1929	197	274	10,049,400	Average	140	239	11,070,324

HAIL, 1941

This information about damaging hail during 1941 was assembled by the Section Directors of the various States, through the cooperation of observers, county agents, farmers, and insurance companies. Table 10 shows by States the crop and other property losses by hail for each month, for the April to September crop season, and for the year. These estimates are probably too low due to the many cases where the damage was reported in such terms as "considerable," "small," or "several thousand dollars." There is also the difficulty of separating hail damage from wind and rain damages. It is believed that the figures published in the Yearbooks maintain a constant ratio to the actual losses and that they are as close to the actual losses as possible to estimate under the conditions.

Crop and other property destruction by hail was reported from some State in every month, except November. Damage was practically confined to the April to September crop season, as should be expected, with less than $9,000 or less than one-tenth of 1 percent of the total losses, occurring during the remaining 6 months. Every Section reported damage, except Arizona, Louisiana, Mississippi, and West Virginia, with many others having only slight losses.

States in which hail damage exceeded one million dollars are Colorado, $2,019,850; Florida, $1,050,000; Iowa, $2,649,434; Kansas, $1,432,700; Minnesota, $1,792,600; Montana, $1,033,400; and North Carolina, $1,030,570. The total for these 7 States is $11,008,554, or 83 percent of the total hail losses for the entire country. Damage to crops in these 7 States was $9,576,083, or 87 percent of the total damage in these States and 72 percent of the total damage in the United States.

Hail damage to crops and other property combined during the April to Sepember crop season totalled $13,294,730, exceeding the average of such losses for the past 10 years by about 50 percent. The crop damage during this season was $11,446,309 or 86 percent of the total estimated loss of $13,303,679 for 1941.

TABLE 10.—*Losses from hail storms during 1941*

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								(4)						
Arizona														
Arkansas							(4)	(4)						
California			(1)	(1)	(1)	(1)	(1)	(1)			(1)	(1)		
Colorado														
Delaware										[2] 25,000	2,000	[2] 200,600	[2] 3,350	[2] 442,900
District of Columbia														90,000
Florida														
Georgia							(4)	[2] 1,050,000						
Idaho										2,500				
Illinois									[2] 425	[2] 75			(4)	(4)
Indiana							1,000	8,000	3,000		3,000	21,000		500
Iowa							500	500					5,000	15,000
Kansas							95,380		177,512	259,644		106,134	185,460	1,486,332
Kentucky							2,000	18,900	12,000	390,800	11,000	472,000	12,500	22,500
Louisiana							(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Maryland														
Michigan											25	50,600		(4)
Minnesota									(4)	2,000	(4)	10,000	(4)	15,000
Mississippi							(4)		110,500	43,000		8,000	57,900	1,340,000
Missouri	(1)													
Montana							(1)	(1)	(2)	(2)	(1)	(1)	(1)	(4)
Nebraska										[2] 4,000	[2] 5,400	[2] 365,000	(4)	[2] 378,000
Nevada			(1)		(1)	(1)	(1)	(1)	70,000	210,000		40,000	3,000	71,500
New England									(1)	(1)	(1)	(1)	(1)	(1)
New Jersey									(1)	(1)			(1)	(1)
New Mexico														
New York							(1)	2,100	2,000	14,000	3,600	38,000	700	48,900
North Carolina											(1)	47,000	(1)	(4)
North Dakota							150,000	15,150	110,500	291,125	3,025	225,385	14,800	180,175
Ohio												65,000		150,000
Oklahoma			150	150								100		(4)
Oregon							9,000	13,500	[2] 200	[2] 10,600	(4)	32,000	(4)	41,500
Pennsylvania							(1)	(4)						
South Carolina									(1)	(1)	(1)	25,000	(1)	(1)
South Dakota										25,000				
Tennessee									(2)	(4)		(1)	7,000	10,000
Texas					(4)			(4)	(1)	(1)	(1)	(1)		(2)
Utah	(1)	(1)			2,000		210,000	42,500	50,000	46,000	40,000	25,000	(1)	(2)
Virginia					(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)
Washington												500		
West Virginia							(4)	(4)		(4)		(4)		78,000
Wisconsin														
Wyoming									(4)	(4)	(4)	(4)	(4)	(4)
Total	(1)	(1)	150	150	2,000	(1)	[2] 467,880	[2] 1,150,650	[2] 536,137	[2] 1,323,744	[2] 68,050	[2] 1,731,319	[2] 289,710	[2] 4,370,307

See footnotes at end of table.

TABLE 10.—*Losses from hail storms during 1941*—Continued

State or section	August		September		October		November		December		Crop Season April-Sept. 1, inclusive		Year		
	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	Total
Alabama											0	(4)	0	(4)	(4)
Arizona											0	0	0	0	0
Arkansas											(4)	(4)	(4)	(4)	(4)
California					(1)	(1)			(1)	(1)	(1)	(1)	(1)	(1)	(1)
Colorado	(3)	[2] 1,346,000									[2] 5,350	[2] 2,014,500	[2] 5,350	[2] 2,014,500	[2] 2,019,850
Delaware											0	90,000	0	90,000	90,000
District of Columbia											0	0	0	0	0
Florida											(4)	[2] 1,050,000	(4)	[2] 1,050,000	[2] 1,050,000
Georgia				1,000					(4)		(4)	3,500	(4)	3,500	3,500
Idaho	(4)	65,000									[2] 425	[2] 65,075	[2] 425	[2] 65,075	[2] 65,500
Illinois	3,000	8,000									10,000	37,500	10,000	37,500	47,500
Indiana	1,500	1,000									7,000	16,500	7,000	16,500	23,500
Iowa	2,700	188,110	3,444	143,069		1,649					464,496	2,183,289	464,496	2,184,938	2,649,434
Kansas	115,000	22,000	340,000	10,000					4,000		492,500	936,200	496,500	936,200	1,432,700
Kentucky											(4)	(4)	(4)	(4)	(4)
Lonisiana											0	0	0	0	0
Maryland											25	[2] 50,600	25	[2] 50,600	[2] 50,625
Michigan	(4)	15,000	(4)	6,000	(4)	1,000					(4)	[2] 48,000	(4)	[2] 49,000	[2] 49,000
Minnesota	5,500	225,000	500	2,200							[2] 174,400	1,618,200	[2] 174,400	1,618,200	[2] 1,792,600
Mississippi											0	0	0	0	0
Missouri	(1)	(1)									(3)	(3)	(3)	(3)	(3)
Montana	(4)	[2] 122,000	(4)	159,000							[2] 5,400	[2] 1,028,000	[2] 5,400	[2] 1,028,000	[2] 1,033,400
Nebraska		9,000		500							73,000	331,000	73,000	331,000	404,000
Nevada	(1)	(1)	(1)	(1)	(1)	(1)			(1)		(1)	(1)	(1)	(1)	(1)
New England	(3)	(3)									(3)	(3)	(3)	(3)	(3)
New Jersey											(4)	[4] 2,000	(4)	2,000	2,000
New Mexico	4,000	94,000		(3)	(3)	(3)					[2] 10,300	[2] 197,000	[2] 10,300	[2] 197,000	[2] 207,300
New York	(1)	(4)									(1)	[2] 47,000	(1)	[2] 47,000	[2] 47,000
North Carolina	2,000	12,410	6,000	20,000							286,325	744,245	286,325	744,245	1,030,570
North Dakota	1,000	175,000	2,000	30,000							3,000	420,000	3,000	420,000	423,000
Ohio		(4)									0	100		100	100
Oklahoma	(4)	6,000	(4)	500							[2] 9,200	[2] 104,100	[2] 9,350	[2] 104,250	[2] 113,600
Oregon	(1)	5,000									0	5,000	0	5,000	5,000
Pennsylvania	(4)	(4)	(4)	(4)							(3)	[2] 25,000	(3)	[2] 25,000	[2] 25,000
South Carolina											0	25,000	0	25,000	25,000
South Dakota	(3)	(3)									[2] 7,000	[2] 10,000	[2] 7,000	[2] 10,000	[2] 17,000
Tennessee											(4)	(3)	(4)	(3)	(3)
Texas	(3)	(3)	(3)	150,000							[2] 300,000	[2] 263,500	[2] 302,000	[2] 263,500	[2] 565,500
Utah	(1)	(1)			(1)	(1)					(4)	(4)	(4)	(4)	(4)
Virginia		2,500									0	3,000	0	3,000	3,000
Washington		(4)			(4)	(4)					(4)	[2] 78,000	(4)	[2] 78,000	[2] 78,000
West Virginia											0	0	0	0	0
Wisconsin	(4)	50,000									(4)	50,000	(4)	50,000	50,000
Wyoming			(4)	(3)							(4)	(3)	(4)	(3)	(3)
Total	[2] 134,700	[2] 2,346,020	[2] 351,944	[2] 522,269	(1)	[2] 2,649	0	0	4,000	(3)	[2] 1,848,421	[2] 11,446,309	[2] 1,854,571	[2] 11,449,108	[2] 13,303,679

[1] Moderate to heavy hail at various places, no damage reported.
[2] Additional losses occurred, no accurate estimate obtainable.
[3] Considerable losses occurred, no accurate estimate of damage available.
[4] Losses occurred reported to be slight.
[5] Damage estimated to be several thousand dollars.
[6] Total damage for crop season; losses on a monthly basis not available.

NOTE.—Leaders in monthly columns indicate that no report of damage was received; this is not to be interpreted to mean that no hail occurred.

WINDSTORMS, 1941

Reports on damages, deaths, and injuries by windstorms were also furnished by the Section Directors for their respective States. Table 11 shows damage due to windstorms, other than tornadoes, to crops, and other property for each month, the crop season, and the year. Table 12 is a list of the number of people killed and injured by months and for the year in each section. Table 12A is a tabulation of deaths and property losses during the last 26 years.

Total damage to crops and other property during the year by nontornadic winds was estimated at $15,523,320 or slightly less than half of the average for the 1916 to 1941 period. Of this amount over $5,511,000 or approximately 35 percent was crop loss. These estimates are probably too low due to the fact that in some cases the damage was reported in such terms as "considerable," "small," or "several thousand dollars." Losses occurred in some States during each month of the year. Damage ranging from none to less than $5,000 was reported from Alabama, Arizona, Colorado, Idaho, Louisiana, Mississippi, Nevada, Washington, and Wyoming; while damages exceeding $6,539,900 occurred in Texas, $2,514,000 in New York, and $1,073,500 in North Carolina.

A tropical storm moved inland over eastern Texas on September 23d, killing 4 persons, causing $4,320,000 damage to the rice crop and considerable damage to other crops, and destroying other property with additional losses of $2,183,300. This storm did $2,500,000 damage in western New York on September 25th, where it was reported as the worst storm in any September in that area. The loss of apples alone in western New York was estimated at 1,500,000 bushels. Another storm curved over Florida and Georgia on October 6th and 7th, doing damage estimated as exceeding $675,000 in Florida, with no loss of life, and about $250,000 damage in Georgia. A third tropical storm entered Florida on October 20th, where it did damage estimated at several hundred thousand dollars.

The loss of life was reported as 43 persons killed in the United States or about one-fifth of the normal number. Over 124 were injured.

TABLE 11.—*Losses from windstorms, other than tornadoes, during 1941*

[In 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					500	(1)	(1)	(1)						
Arizona														
Arkansas							(2)				(3)		25,000	
California	[4] 200,000	50,000	[4] 110,000	[4] 100,000										
Colorado			(3)	(2)	(3)	(3)					(1)	(2)		
Delaware														25,000
District of Columbia														
Florida							7,200	(3)						
Georgia														
Idaho														
Illinois							91,500		596,725	3,500	37,500		5,000	
Indiana							6,000		275,000	3,000	13,000	500	19,000	34,000
Iowa					3,000		10,595		45,900	15,000	119,650		100,000	
Kansas							5,400		10,000		3,500	500	8,000	
Kentucky					2,500		500		5,000					
Louisiana	(1)													
Maryland									4,000				2,000	
Michigan									1,500	(1)	1,000	(1)		
Minnesota					(3)		20,000		8,150		5,500		44,600	(3)
Mississippi			1,000								500	500		
Missouri					(3)		(3)		[4] 7,500	(1)			[4] 65,000	(1)
Montana											[4] 35,000		(1)	[4] 1,000
Nebraska									15,000	(1)	2,000	(1)	10,000	(1)
Nevada														
New England			(3)		(3)		(3)		(2)				(3)	(1)
New Jersey														
New Mexico			(2)	(3)	(3)	(3)	10,000		(1)	(1)	(3)	1,000		
New York											(1)		(3)	(3)
North Carolina					(3)	(3)			(7)	(7)	800	1,700	(3)	(3)
North Dakota	(3)				500,000						100,000	16,000	30,000	1,000
Ohio			(1)				(1)		(3)		(3)	(1)	10,000	
Oklahoma							3,000	1,600	2,150	100	6,000	2,000	[4] 6,200	[4] 10,600
Oregon													(3)	(3)
Pennsylvania			(3)		(1)		(3)		(3)		(1)		(3)	(3)
South Carolina							2,000		25,000		2,000			
South Dakota					(1)		5,500		(1)	(1)	(1)	(1)	(1)	(1)
Tennessee					(1)		10,000				50,000		(1)	(1)
Texas	1,000						25,000		5,600		5,000	(3)		
Utah														
Virginia									6,000		1,000			
Washington					4,000					(1)				
West Virginia														
Wisconsin							25,000		26,000		300		200	500
Wyoming														
Sections outside continental U. S.:														
Alaska														
Hawaii														
West Indies														
Total	[4] 201,000	50,000	[4] 111,000	[4] 100,000	[4] 510,000	(3)	[4] 221,695	1,600	[4] 1,033,525	[4] 21,600	[4] 382,750	[4] 22,200	[4] 325,000	[4] 72,100

State or section	August		September		October		November		December		Crop season, April-Sept., Inc.		Year		
	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	Total
Alabama															
Arizona											0	0	500	(1)	[1] 500
Arkansas			(3)								0	0	0	0	0
California					(1)	(1)			(1)		[4] 25,000	0	[4] 25,000	0	[4] 25,000
Colorado	(1)	(1)									0	0	[4] 310,000	[4] 150,000	[4] 460,000
Delaware											(1)	(2)	(1)	(2)	(2)
District of Columbia											0	25,000	0	25,000	25,000
Florida					[5] 625,000	(6) (6)	11,000	4500							
Georgia					250,000	(6)					7,200	(6)	643,200	[4] 4,500	[4] 647,700
Idaho											0	0	250,000	(6)	[4] 250,000
Illinois	19,300	3,000	5,500		2,300						0	0	0	0	0
Indiana	1,500		100,000	10,000							755,525	6,500	757,825	6,500	764,325
Iowa	2,500	20,000	67,050	2,000	10,450						414,500	47,500	414,500	47,500	462,000
Kansas	10,300	2,700									345,695	37,000	359,145	37,000	396,145
Kentucky	4,000	(1)	2,600	10,000							37,200	3,200	37,200	3,200	40,400
Louisiana											12,100	10,000	14,600	10,000	[4] 24,600
Maryland	5,000	1,000									0	0	(1)	0	(1)
Michigan			25,000	(1)							11,000	1,000	11,000	1,000	12,000
Minnesota	78,000	2,000			10,000						[4] 27,500	(1)	[4] 27,500	(1)	[4] 27,500
Mississippi											156,250	[4] 2,000	[4] 166,250	[4] 2,000	[4] 168,250
Missouri	(6)	(6)	(1)	(1)	[4] 5,000	(1)			2,000		500	3,500	3,500	500	4,000
Montana							8,000				[4] 72,500	(6)	[4] 77,500	(6)	[4] 77,500
Nebraska	2,000	(1)							(1)		[4] 35,000	[4] 1,000	[4] 43,000	[4] 1,000	[4] 44,000
Nevada											29,000	(1)	29,000	(1)	29,000
New England	(6)	(6)			(1)				4,400	0	0	0	4,400	0	4,400
New Jersey											(6)	(6)	(6)	(6)	(6)
New Mexico												[8] 2,000	[8] 75,000	[8] 2,000	[8] 77,000
New York			2,000,000	500,000			14,000				[4] 10,000	[4] 1,000	[4] 10,000	[4] 1,000	[4] 11,000
North Carolina			6,000	20,000	(1)	(1)					2,000,000	500,000	2,014,000	500,000	2,514,000
North Dakota	20,000	12,000									(6)	(6)	(6)	(6)	[7] 1,073,500
Ohio	(6)	(1)	100,000	250,000	(1)						150,000	29,000	650,000	29,000	679,000
Oklahoma	3,150										[4] 110,000	[4] 250,000	[4] 110,000	[4] 250,000	[4] 360,000
Oregon											[4] 20,500	[4] 14,300	[4] 20,500	[4] 14,300	[4] 34,800
Pennsylvania	(1)	(1)	(1)	(1)							(6)	(3)	(6)	(3)	(6)
South Carolina									(1)		(6)	(6)	(6)	(6)	(6)
South Dakota	1,000	(1)	36,000	6,000							29,000	0	29,000	0	29,000
Tennessee	6,000		10,000	(6)							[4] 42,500	[4] 6,000	[4] 42,500	[4] 6,000	[4] 48,500
Texas			[9] 2,183,300	[9] 4,320,000					(1)		76,000	(1)	76,000	(1)	76,000
											2,218,900	4,320,000	2,219,900	4,320,000	6,539,900

See footnotes at end of table.

TABLE 11.—*Losses from windstorms, other than torandoes, during 1941*—Continued

State or section	August		September		October		November		December		Crop season, April-Sept., Inc.		Year		
	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	Total
Utah			150,000	100,000							150,000	100,000	150,000	100,000	250,000
Virginia	25,000										32,000	0	32,000	0	32,000
Washington							(1)				0	(1)	4,000	(1)	4,000
West Virginia	1,000		75,000								76,000	0	76,000	0	76,000
Wisconsin	15,800	(1)	188,500		(1)						255,800	500	255,800	500	256,300
Wyoming										(1)	0	0	0	(1)	(1)
Sections outside continental U. S.:															
Alaska															
Hawaii															
West Indies															
Total	[4] 194,550	[4] 40,700	4,948,950	[4] 5,218,000	[4] 902,750	(5)	33,000	4,500	6,400	(1)	[4] 7,099,670	[4] 5,356,500	[4] 8,938,820	[4] 5,511,000	[4] 15,523,320

[1] Losses occurred, no accurate estimate of damage obtained; believed slight.
[2] Damage estimated to be several thousand dollars.
[3] High winds reported at various places; no damage reported.
[4] Additional losses occurred; no estimate obtained.
[5] Losses mostly by hail.
[6] Losses reported as considerable; no estimate of damage available.
[7] No break-down available for $1,030,000 in May.
[8] By hurricane.
[9] Losses on a monthly basis not available.

TABLE 12.—*Deaths and injuries caused by 1941 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							1	0																	1	0
Arizona																									0	0
Arkansas																									0	0
California	1	0																							1	0
Colorado																									0	0
District of Columbia																										
Florida							0	16											[1] 5	0					[1] 5	16
Georgia																			[2] 1	0					[2] 1	0
Idaho																									0	0
Illinois							1	5			0	1					1	0							2	6
Indiana													0	(3)											0	(3)
Iowa							1	0			0	5	0	1	0	13	0	1							1	20
Kansas																									0	0
Kentucky					0	2																			0	2
Louisiana	1	0													1	0									2	0
Maryland and Delaware																									0	0
Michigan																	0	24							0	24
Minnesota						0		1	4	0			0	1	0	1									4	3
Mississippi																									0	0
Missouri													1	0	0	3			0	1					0	4
Montana																									0	0
Nebraska														0	1										0	1
Nevada																									0	0
New England					7	(3)																			7	(3)
New Jersey																									0	0
New Mexico																									0	0
New York													1	0											1	0
North Carolina																									0	0
North Dakota																									0	0
Ohio													2	(3)			1	(3)							3	(3)
Oklahoma																									0	0
Oregon																									0	0
Pennsylvania									1	2													0	1	1	3
South Carolina																									0	0
South Dakota																									0	0
Tennessee							0	(3)																	0	(3)
Texas									0	1							4	0							4	1
Utah																	0	2							0	2
Virginia									2	0															2	0
Washington																					1	0			1	0
West Virginia																									0	0
Wisconsin									0	2			[5] 5	0			1	40							6	42
Wyoming																									0	0
Total	2	0	0	0	7	[4] 2	3	[4] 22	7	5	0	6	9	[4] 3	1	17	7	[4] 67	6	1	1	0	0	1	43	[4] 124
Sections outside continental U. S.:																										
Alaska																									0	0
Hawaii																									0	0
West Indies																										

[1] Deaths due to drowning from boats capsized by high wind.
[2] Deaths from electricity, caused by power lines blown down.
NOTE.—Entries are made only when deaths or injuries are reported.
[3] Deaths or injuries reported as "several."
[4] Additional injuries reported as "several."

TABLE 12A.—*Deaths and property losses caused by windstorms, other than tornadoes, 1916–41*

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	1926	357	93,610,250	1936	121	17,256,265
1917	25	1,400,550	1927	64	6,783,160	1937	43	6,292,938
1918	79	7,602,200	1928	1,947	88,836,000	1938	630	315,435,388
1919	344	28,170,760	1929	46	20,334,600	1939	60	3,988,141
1920	42	4,735,400	1930	49	5,706,000	1940	251	25,588,925
1921	65	13,174,650	1931	17	7,773,000	1941	43	15,523,320
1922	133	5,055,800	1932	306	42,657,360			
1923	68	5,261,800	1933	156	65,604,100	Total	5,647	854,349,035
1924	78	13,545,750	1934	109	19,497,173			
1925	88	11,612,380	1935	461	17,191,000	Average	217	32,859,578

SUNSHINE, 1941

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, 1941*

Station	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.	124	43	188	64	225	61	314	78	336	74	307	67	334	72	334	78	331	88	186	54	165	57	110	39	2,956	66
Albuquerque, N. Mex.	204	65	222	72	244	66	245	62	306	70	326	75	333	75	295	71	283	76	242	69	263	85	176	58	3,138	71
Alpena, Mich.	52	18	110	38	209	56	278	69	280	61	311	67	327	69	285	65	211	56	112	33	74	26	40	14	2,289	51
Amarillo, Tex.	164	52	142	46	180	49	267	68	242	56	302	70	314	71	318	76	212	57	160	46	249	80	156	51	2,706	61
Apalachicola, Fla.	200	62	198	64	209	56	241	62	358	85	271	64	216	50	262	64	235	63	256	72	223	70	169	53	2,840	64
Asheville, N. C.	138	44	178	58	213	57	243	62	345	79	224	51	196	44	270	65	309	83	222	64	200	65	131	43	2,669	60
Atlanta, Ga.	181	57	161	52	206	55	254	65	384	89	282	65	278	63	329	71	303	82	226	64	218	70	168	55	2,952	66
Atlantic City, N. J.	150	49	190	63	241	65	285	72	342	77	289	65	255	56	316	75	297	80	237	68	204	68	150	51	2,955	66
Augusta, Ga.	192	60	219	71	260	70	298	76	381	89	281	65	309	71	313	76	313	84	276	78	223	71	187	60	3,253	73
Austin, Tex.	137	42	100	32	138	37	149	38	232	55	232	55	307	72	312	76	205	55	141	40	153	48	116	36	2,272	50
Baker, Oreg.	124	43	128	44	268	72	256	63	257	56	255	55	392	83	250	58	177	47	166	49	110	38	65	24	2,448	55
Baltimore, Md.	143	47	196	65	244	66	303	76	333	75	274	62	268	59	340	80	300	80	224	65	206	68	156	53	2,996	67
Billings, Mont.	141	50	171	59	177	48	229	54	292	63	287	63	348	73	254	58	158	42	212	63	134	47	116	43	2,510	56
Binghamton, N. Y.	108	36	127	43	192	52	300	75	270	60	287	63	258	56	296	69	268	72	79	23	85	29	63	22	2,333	52
Birmingham, Ala.	170	54	154	50	162	44	217	56	336	78	267	62	248	56	256	62	302	81	225	64	177	57	131	43	2,646	60
Bismarck, N. Dak.	123	44	161	56	191	52	145	35	262	56	290	61	367	77	300	68	201	63	182	53	133	47	101	38	2,454	55
Block Island, R. I.	180	60	213	72	266	72	287	72	330	74	318	70	259	57	334	78	299	80	198	57	200	67	146	51	3,032	68
Boise, Idaho	122	42	113	38	254	68	254	63	254	55	264	57	383	82	269	67	238	63	166	49	136	47	89	32	2,561	57
Boston, Mass.	127	43	170	57	217	58	257	64	262	58	259	57	243	53	294	69	290	77	205	60	217	74	125	44	2,666	60
Brownsville, Tex.	136	41	138	44	119	32	175	46	240	58	118	29	301	72	324	80	192	52	213	60	139	43	95	29	2,190	49
Buffalo, N. Y.	80	27	107	36	204	55	302	75	291	64	349	76	368	79	308	72	294	78	144	42	99	34	70	25	2,618	59
Burlington, Vt.	104	36	140	48	210	57	288	71	295	65	323	70	322	69	273	63	255	68	101	30	78	27	78	28	2,467	55
Canton, N. Y.	119	41	153	52	221	60	272	67	299	65	330	71	301	64	244	56	261	70	129	38	72	25	115	42	2,515	56
Cape Henry, Va.	169	55	193	63	252	68	303	77	379	86	305	69	314	70	337	80	289	78	277	80	226	74	188	63	3,231	73
Charles City, Iowa	106	36	177	60	200	54	209	52	324	71	251	55	332	71	324	75	236	63	166	48	120	41	118	42	2,564	57
Charleston, S. C.	176	55	165	53	195	52	240	62	363	84	259	60	287	66	275	66	303	82	253	72	222	71	161	52	2,696	65
Charlotte, N. C.	170	54	203	66	244	66	288	73	370	85	272	63	260	59	266	64	275	74	218	62	229	74	194	64	2,968	67
Chattanooga, Tenn.	168	54	151	49	182	49	206	52	357	82	238	55	236	53	259	62	334	90	221	63	184	59	136	45	2,671	60
Cheyenne, Wyo.	164	55	168	56	154	42	176	44	255	57	265	59	287	63	250	59	216	58	158	46	196	66	139	48	2,430	55
Chicago, Ill.	92	31	138	46	193	52	231	58	327	72	277	61	357	77	319	74	269	72	182	53	161	55	85	30	2,632	59
Cincinnati, Ohio	96	32	151	50	213	57	280	71	348	78	272	61	323	71	347	82	290	78	169	49	146	48	101	34	2,737	61
Cleveland, Ohio	37	12	105	36	195	53	300	75	336	74	296	65	334	72	330	77	271	72	129	38	122	41	52	18	2,497	56
Columbia, Mo.	101	33	132	44	202	55	198	50	328	74	270	61	347	77	291	69	274	73	167	48	185	61	145	49	2,640	59
Columbia, S. C.	227	72	225	73	263	71	289	74	373	86	237	55	246	56	268	65	301	81	260	74	223	72	186	61	3,099	70
Columbus, Ohio	58	19	131	44	210	57	291	73	344	77	266	59	350	77	304	72	246	66	161	47	160	53	63	22	2,684	58
Concord, N. H.	134	46	176	60	204	55	264	66	269	59	259	56	242	52	283	66	265	71	164	48	159	54	125	44	2,543	57
Concordia, Kans.	111	37	118	39	203	55	185	47	293	66	284	63	336	74	320	75	228	61	118	34	163	54	166	57	2,525	57
Dallas, Tex.	145	46	124	40	181	49	173	44	268	62	278	65	351	80	308	74	282	76	150	42	195	62	128	41	2,582	58
Davenport, Iowa	102	34	166	56	243	66	230	57	347	77	268	59	334	72	261	61	246	66	154	45	140	47	73	26	2,564	58
Dayton, Ohio	55	18	91	30	180	49	263	66	351	79	306	68	374	82	334	79	278	74	155	45	163	55	83	29	2,635	59
Del Rio, Tex.	154	47	160	51	185	50	224	58	235	56	259	62	318	75	318	78	207	56	157	44	153	48	132	41	2,503	56
Denver, Colo.	179	60	200	67	180	49	203	51	326	73	324	72	342	75	284	67	229	61	155	45	199	66	172	59	2,973	63
Des Moines, Iowa	134	45	203	68	252	68	250	62	356	79	286	63	382	83	358	84	218	58	162	47	137	46	126	44	2,865	64
Detroit, Mich.	81	28	160	54	232	63	306	76	330	73	301	66	345	75	277	65	242	65	145	42	132	45	83	29	2,633	59
Devils Lake, N. Dak.	136	49	183	64	226	61	157	38	230	49	298	62	356	74	310	70	201	53	219	65	124	45	139	53	2,579	58
Dodge City, Kans.	143	47	165	55	223	61	228	57	308	70	319	72	350	78	360	85	288	77	179	52	205	67	144	49	2,918	66
Dubuque, Iowa	82	28	162	55	187	50	228	57	336	74	270	59	383	83	330	77	231	62	152	44	130	44	73	26	2,563	58
Duluth, Minn.	75	27	148	51	176	48	192	47	255	55	259	55	331	69	286	65	164	44	150	44	72	25	98	37	2,206	49
Eastport, Maine	163	57	176	60	214	58	233	58	239	52	259	56	272	58	227	52	229	61	147	43	95	33	96	35	2,350	53
Elkins, W. Va.	77	25	105	35	166	45	239	60	317	71	264	59	268	59	268	63	237	64	162	47	186	62	115	39	2,403	54
El Paso, Tex.	168	52	206	67	256	69	308	79	329	77	334	78	300	69	305	74	244	66	240	68	230	73	216	69	3,137	71
Ely, Nev.	184	61	153	51	268	72	177	45	281	63	298	67	341	75	352	83	319	85	194	56	207	69	130	44	2,903	65
Erie, Pa.	19	6	102	34	189	51	295	74	290	64	301	66	295	64	297	69	236	63	70	21	48	16	23	8	2,165	49
Escanaba, Mich.	64	23	135	46	212	57	240	59	275	59	291	62	281	59	248	57	182	49	120	36	89	31	54	20	2,192	49
Eureka, Calif.	115	39	132	44	238	64	209	52	210	47	276	61	224	49	188	44	255	68	198	58	124	42	62	22	2,231	50
Evansville, Ind.	125	41	171	57	240	65	280	71	359	81	346	78	347	77	347	82	300	81	164	47	166	55	130	44	2,975	67
Fairbanks, Alaska	110	68	117	49	138	38	223	49	249	43	319	50	126	20	183	36	145	37	99	33	45	24	33	27	1,787	39
Fort Smith, Ark.	146	47	135	44	204	55	190	48	291	67	314	72	353	80	278	67	249	67	120	34	214	69	151	50	2,646	59
Fort Wayne, Ind.	92	31	165	55	226	61	272	68	330	73	288	64	363	79	352	83	299	80	167	48	150	51	79	2[illegible]	[illegible]784	62
Fort Worth, Tex.	149	47	122	40	162	44	152	39	214	50	227	53	293	67	278	55	256	69	113	32	200	64	144	46	[illegible]310	52
Fresno, Calif.	101	33	78	26	244	66	297	75	393	89	403	92	436	98	387	92	368	99	261	75	205	67	110	37	3,283	74
Galveston, Tex.	184	56	145	46	165	44	185	48	274	65	239	57	234	55	290	71	200	54	276	78	231	72	162	51	2,588	58
Grand Junction, Colo.	139	46	140	46	210	57	173	44	281	63	320	72	353	78	290	69	245	66	175	50	211	70	120	41	2,657	60
Grand Rapids, Mich.	47	16	109	37	194	52	275	68	319	70	304	66	348	75	338	79	246	66	140	41	122	42	55	19	2,496	60
Green Bay, Wis.	72	25	122	42	166	45	225	56	270	59	279	60	294	62	242	56	179	48	132	39	96	34	68	25	2,147	48

TABLE 13.—*Monthly amounts and percentage of sunshine, 1941*—Continued

Station	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
Greensboro, N. C.	153	49	214	70	246	66	258	66	331	76	189	43	159	36	295	71	270	72	211	60	237	77	180	60	2,743	62
Greenville, S. C.	191	61	209	68	253	68	281	72	374	86	305	70	292	66	305	73	326	88	257	73	238	77	185	61	3,215	72
Harrisburg, Pa.	131	44	179	60	236	64	310	78	339	76	302	67	315	69	354	83	298	80	198	57	172	57	116	40	2,950	66
Hartford, Conn.	141	48	192	65	227	61	292	73	314	69	292	64	237	51	310	72	294	78	187	55	171	58	145	51	2,801	63
Havre, Mont.	156	57	217	76	240	65	290	70	291	61	295	61	366	75	282	63	231	61	238	71	127	46	107	41	2,839	63
Helena, Mont.	176	63	230	80	240	65	243	59	328	70	307	65	367	77	283	64	158	42	213	63	124	44	115	43	2,783	62
Honolulu, T. H.	280	82	234	73	257	69	289	76	294	72	287	71	334	81	315	79	289	78	235	65	260	78	250	74	3,324	75
Houston, Texas	131	40	120	38	130	35	153	39	243	57	184	44	234	54	214	52	162	44	153	43	200	63	135	43	2,058	46
Huron, S. Dak.	160	55	146	50	192	52	170	42	327	71	277	60	354	76	335	77	223	60	162	48	134	46	141	51	2,623	59
Indianapolis, Ind.	88	29	125	42	203	55	266	67	342	77	298	66	375	82	332	78	282	75	162	47	155	52	96	33	2,723	61
Ithaca, N. Y.	65	22	111	37	180	49	304	76	308	68	319	70	343	74	321	75	295	79	134	39	88	30	60	21	2,528	57
Jacksonville, Fla.	193	60	192	61	206	55	244	63	369	87	202	48	236	55	247	60	204	55	221	62	187	58	151	47	2,650	60
Juneau, Alaska	59	26	118	45	77	21	108	25	223	43	146	27	44	8	239	50	127	33	24	7	50	21	20	10	1,234	27
Kalispell, Mont.	44	16	153	53	242	65	263	64	267	57	309	65	399	83	305	69	148	40	155	46	94	34	50	19	2,430	54
Kansas City, Mo.	107	35	137	46	231	62	214	54	310	70	297	67	349	77	299	71	230	62	140	41	165	55	150	51	2,630	59
Keokuk, Iowa	94	31	159	53	223	60	236	59	368	82	303	68	364	80	330	78	269	72	159	46	147	49	67	44	2,718	61
Key West, Fla.	198	59	185	58	238	64	269	70	283	68	245	60	254	61	300	75	179	48	262	73	191	58	154	47	2,759	62
Knoxville, Tenn.	150	48	171	56	201	54	254	64	347	79	267	61	282	63	261	62	320	86	203	58	176	57	136	45	2,758	62
La Crosse, Wis.	110	38	179	61	223	60	276	68	339	74	297	64	334	71	311	72	198	53	169	50	116	40	90	33	2,642	59
Lander, Wyo.	196	67	210	71	236	64	216	54	354	78	337	73	354	76	272	63	240	64	162	47	178	61	198	71	2,955	66
Lansing, Mich.	53	18	121	41	189	51	275	68	320	70	304	66	371	80	325	75	253	68	121	36	114	39	66	24	2,512	56
Lincoln, Nebr.	151	51	157	53	234	63	217	54	341	76	288	64	332	72	323	76	251	67	154	45	150	51	140	49	2,739	61
Little Rock, Ark.	177	57	174	57	255	69	244	62	313	72	319	73	319	72	312	75	280	75	188	54	204	66	159	52	2,944	66
Los Angeles, Calif.	195	62	150	49	274	74	245	63	335	78	294	68	330	75	281	68	297	80	268	76	260	83	173	56	3,102	70
Louisville, Ky.	115	38	156	52	223	60	252	64	373	84	300	68	345	77	338	80	316	85	188	54	160	53	108	36	2,874	65
Lynchburg, Va.	150	49	207	68	250	67	298	75	366	83	258	59	293	66	324	77	285	77	262	75	230	75	212	71	3,135	70
Macon, Ga.	203	64	170	55	211	57	248	63	361	84	221	52	237	54	237	57	264	71	213	61	186	59	174	56	2,723	61
Madison, Wis.	71	24	125	42	159	43	180	45	277	61	222	48	294	63	262	61	175	47	151	44	116	40	63	22	2,095	47
Marquette, Mich.	70	25	101	35	187	51	257	63	286	61	263	55	263	55	240	55	196	52	133	39	73	26	47	18	2,117	47
Memphis, Tenn.	113	36	139	45	181	49	239	61	334	77	291	67	256	58	297	71	276	74	157	45	182	59	164	54	2,630	59
Meridian, Miss.	186	58	163	53	169	45	262	67	335	78	253	59	246	56	273	66	246	66	212	60	183	58	144	46	2,671	60
Miami, Fla.	154	46	137	43	182	49	237	62	329	79	280	68	324	77	339	84	193	52	231	64	141	43	112	34	2,659	60
Miles City, Mont.	156	55	200	69	190	51	243	60	346	75	295	63	402	85	350	80	216	57	214	63	130	46	113	42	2,854	64
Milwaukee, Wis.	91	31	126	43	211	57	270	67	330	72	276	60	382	82	323	75	224	60	158	46	139	48	57	20	2,587	58
Minneapolis, Minn.	138	48	202	60	245	66	224	55	342	74	297	64	359	76	325	75	207	55	163	48	124	43	100	36	2,726	61
Missoula, Mont.	106	38	163	57	246	67	231	57	233	50	242	51	360	75	262	60	109	29	146	43	80	28	60	22	2,239	50
Mobile, Ala.	168	52	141	45	148	40	227	58	297	70	186	44	207	48	229	54	210	57	213	60	141	44	98	31	2,256	51
Modena, Utah	148	48	108	36	219	59	209	53	344	78	345	78	327	73	299	71	308	83	187	54	239	79	142	48	2,874	65
Moorhead, Minn. (Fargo, N. Dak.)	106	38	176	61	189	51	114	28	198	42	222	47	284	59	252	57	171	46	170	50	98	35	147	55	2,128	48
Nantucket, Mass.	126	42	188	63	239	64	270	67	330	74	297	66	251	55	340	80	322	86	219	64	223	75	136	47	2,941	66
Nashville, Tenn.	125	40	141	46	190	51	278	71	361	83	332	76	304	68	233	56	291	78	191	55	152	49	132	44	2,730	61
New Haven, Conn.	150	50	193	65	258	70	331	83	391	87	325	72	298	65	349	82	310	83	215	63	187	63	184	64	3,191	72
New Orleans, La.	173	53	164	53	190	51	250	65	298	70	281	67	292	68	295	72	233	63	270	76	212	66	123	39	2,780	63
New York, N. Y.	149	50	203	68	264	71	339	85	322	72	307	68	262	57	343	80	307	82	211	61	217	73	168	58	3,092	69
Nome, Alaska	112	68	129	55	204	56	299	66	280	49	397	62	259	42	149	29	188	48	96	32	68	36	14	11	2,197	48
Norfolk, Va.	160	52	188	62	230	62	296	75	365	83	291	66	290	65	331	79	291	78	262	75	219	72	176	59	3,098	70
Northfield, Vt.	132	46	168	57	190	51	254	63	267	58	273	59	295	63	280	65	242	65	103	30	140	48	106	38	2,449	55
North Head, Wash.	102	36	133	46	242	65	246	60	248	53	271	58	303	64	139	32	159	42	120	35	78	27	64	24	2,106	47
North Platte, Nebr.	180	60	163	55	173	47	170	43	288	64	262	58	307	67	287	67	231	62	171	50	191	64	163	57	2,587	58
Oklahoma City, Okla.	119	38	148	48	240	65	204	52	293	68	310	72	356	81	332	80	284	77	156	45	218	70	163	60	2,844	64
Omaha, Nebr.	143	48	158	53	190	51	200	50	289	64	255	56	339	74	345	81	251	67	188	55	156	52	129	45	2,643	59
Oswego, N. Y.	56	19	96	33	190	51	288	71	310	68	368	80	356	76	277	64	286	76	139	41	75	26	39	14	2,479	56
Palestine, Tex.	158	49	130	42	187	50	192	49	267	62	226	53	363	83	336	81	280	76	223	63	252	80	172	55	2,783	63
Parkersburg, W. Va.	53	17	99	33	154	42	280	70	324	73	277	62	326	72	309	73	278	74	158	46	153	51	79	27	2,490	56
Pensacola, Fla.	182	56	163	52	172	46	250	65	314	74	251	60	259	60	286	70	217	59	237	67	204	64	149	47	2,684	60
Peoria, Ill.	120	40	191	64	228	62	234	59	350	78	304	67	360	79	320	75	236	63	148	43	168	56	114	40	2,773	62
Philadelphia, Pa.	136	45	170	57	218	59	287	72	327	73	268	60	227	50	304	72	284	76	188	55	177	59	141	48	2,728	61
Phoenix, Ariz.	216	68	180	58	267	77	323	83	378	88	406	95	378	87	363	88	350	94	296	84	283	90	236	76	3,698	83
Pittsburgh, Pa.	46	15	94	31	152	41	264	66	267	59	251	55	252	55	275	64	269	72	149	43	141	48	73	25	2,232	50
Pocatello, Idaho	141	48	110	37	237	64	240	60	280	61	295	64	334	72	278	65	214	57	186	54	157	54	69	25	2,541	57
Port Arthur, Tex.	191	59	154	50	154	41	225	58	305	72	269	64	260	60	312	76	233	63	233	66	204	64	132	42	2,674	60
Portland, Maine	184	64	220	75	243	66	318	79	321	70	322	70	303	66	313	72	273	73	170	50	187	65	157	56	3,016	68
Portland, Oreg.	93	33	140	48	237	64	225	55	219	47	202	43	363	76	189	43	125	33	132	39	76	27	74	28	2,075	46
Providence, R. I.	129	44	177	60	226	61	253	63	256	57	265	58	228	49	310	72	291	78	173	50	184	62	135	48	2,627	59
Pueblo, Colo.	199	65	214	71	224	60	265	67	311	70	342	77	352	78	332	79	299	80	233	67	258	85	210	71	3,239	73
Raleigh, N. C.	169	54	204	67	251	68	287	73	372	85	273	63	265	60	294	70	283	76	246	71	216	70	174	58	3,036	68
Rapid City, S. Dak.	198	69	201	68	219	59	193	48	326	71	298	64	314	67	284	66	222	59	170	50	149	51	114	41	2,689	60
Reading, Pa.	147	49	182	61	271	73	326	82	349	78	305	68	249	55	337	79	315	84	218	63	206	69	119	41	3,023	68
Richmond, Va.	154	50	195	65	230	62	293	74	362	82	249	56	256	61	340	81	284	76	228	66	208	69	190	64	2,989	67
Rochester, N. Y.	64	22	95	32	189	51	299	74	278	61	362	79	319	69	268	62	267	71	152	44	108	37	75	27	2,478	56
Roseburg, Oreg.	99	34	106	36	232	63	253	63	226	50	180	39	361	78	234	54	207	55	116	34	57	20	25	9	2,097	47
Roswell, N. Mex.	201	63	170	55	238	64	284	73	240	56	275	64	273	63	259	63	175	47	206	58	259	83	219	70	2,798	63
Sacramento, Calif.	95	31	87	29	244	66	266	67	316	71	373	84	444	98	374	88	359	96	240	69	172	57	92	31	3,062	69
St. Joseph, Mo.	108	36	122	41	218	59	181	45	337	76	285	63	350	77	286	67	244	65	142	41	147	49	125	43	2,544	57
St. Louis, Mo.	110	36	157	52	234	63	257	65	359	81	301	67	351	78	307	72	243	65	135	39	164	54	126	43	2,742	62
Salt Lake City, Utah	99	33	104	35	201	54	211	53	311	69	292	65	350	76	306	72	257	69	158	46	177	60	133	46	2,600	58
San Antonio, Texas	120	37	107	34	128	34	123	32	153	36	148	35	264	62	157	38	94	25	75	21	179	56	105	33	1,652	37
San Diego, Calif.	206	65	210	68	289	78	285	73	296	69	239	56	271	62	232	56	247	67	207	59	254	81	194	63	2,932	66
San Francisco, Calif.	101	33	97	32	250	67	243	61	255	58	335	76	264	59	247	59	317	85	253	73	173	57	134	45	2,668	60
San Juan, Puerto Rico	232	67	266	82	235	63	239	63	260	65	246	62	240	59	249	63	223	61	245	67	185	55	220	64	2,841	64

TABLE 13.—*Monthly amounts and percentage of sunshine, 1941*—Continued

Station	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
Sault Ste. Marie, Mich.	72	25	90	31	204	55	220	54	223	48	292	62	281	59	233	53	114	30	65	19	60	21	36	13	1,888	42
Savannah, Ga.	163	51	143	46	177	48	229	59	340	79	166	39	234	54	211	51	217	59	172	49	206	65	143	46	2,402	54
Scranton, Pa.	80	27	107	36	192	52	327	82	322	72	276	61	279	61	304	71	259	69	187	54	140	47	118	41	2,592	70
Seattle, Wash.	116	42	138	48	266	72	253	62	246	52	237	50	341	71	206	47	115	30	81	24	63	23	70	27	2,131	48
Sheridan, Wyo.	177	62	200	68	210	57	224	55	314	68	326	70	366	78	296	68	210	56	202	60	172	60	146	53	2,841	64
Sioux City, Iowa	158	54	165	56	218	59	196	49	309	68	280	62	336	73	331	77	224	60	174	51	139	47	109	38	2,641	59
Spokane, Wash.	80	29	134	47	256	69	250	61	205	43	229	48	360	75	205	46	153	40	114	34	85	31	59	22	2,130	48
Springfield, Ill.	85	28	156	52	210	56	212	53	331	74	287	64	365	80	289	68	228	61	127	37	167	56	106	37	2,562	58
Springfield, Mo.	103	33	122	40	189	51	220	56	320	73	308	70	352	79	297	71	234	63	101	29	174	57	126	42	2,548	57
Syracuse, N. Y.	62	21	105	36	194	52	311	77	345	76	340	74	343	74	328	76	308	82	157	46	89	31	59	21	2,643	59
Tacoma, Wash.	82	30	121	42	243	66	256	63	254	54	319	67	370	77	291	66	161	43	107	32	83	30	68	26	2,356	53
Tampa, Fla.	171	52	156	50	192	52	225	58	354	84	246	59	173	41	286	70	187	51	201	56	181	56	148	46	2,520	57
Tatoosh Island, Wash.	46	17	109	38	179	48	212	52	223	47	212	44	264	55	155	35	159	42	109	33	64	23	87	33	1,819	41
Terre Haute, Ind.	94	31	153	51	191	52	260	65	321	72	286	64	333	74	306	72	244	66	166	48	156	52	101	34	2,612	59
Toledo, Ohio	47	16	127	43	180	49	266	66	338	75	285	63	348	75	324	75	266	71	125	36	122	41	66	23	2,494	56
Trenton, N. J.	149	49	185	62	234	63	307	77	355	80	302	67	283	62	342	81	322	86	234	68	178	60	117	40	3,009	68
Valentine, Nebr.	188	64	168	57	188	51	213	53	319	70	286	62	356	77	320	74	251	67	171	50	166	57	147	52	2,773	62
Vicksburg, Miss.	195	61	154	50	166	45	233	60	299	70	234	55	213	49	286	69	216	58	177	50	186	59	150	48	2,508	56
Walla Walla, Wash.	37	13	124	43	282	76	274	67	242	52	272	58	418	88	268	61	174	46	104	31	117	41	31	11	2,343	52
Washington, D. C.	142	47	204	68	228	61	283	71	342	77	262	59	259	57	314	74	289	78	207	60	230	76	142	48	2,903	65
Wichita, Kans.	124	40	167	55	233	63	203	51	321	73	287	65	344	77	344	81	279	75	158	45	195	64	167	56	2,820	63
Williston, N. Dak.	131	47	187	65	168	45	167	41	270	57	278	58	358	74	292	66	202	53	193	57	121	44	152	58	2,520	56
Wilmington, N. C.	224	71	194	63	269	72	314	80	371	86	291	67	283	65	308	74	306	82	288	82	228	73	198	64	3,274	74
Winnemucca, Nev.	126	42	102	34	266	72	201	50	307	68	302	67	385	84	316	74	306	82	196	57	177	60	90	31	2,776	62
Yakima, Wash.	64	23	145	50	300	81	271	65	288	62	315	66	411	86	263	60	197	52	150	44	100	36	62	23	2,566	57
Yuma, Ariz.	220	69	238	77	318	86	336	86	414	96	424	99	406	93	365	88	358	97	311	88	286	91	267	86	3,943	89

EXCESSIVE RAINFALL, 1941

Table 14 contains statistics of maximum amounts of rainfall during the calendar year 1941.

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 inch 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 1941 at all stations furnished with self-registering gages*

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
NEW ENGLAND STATES											
Portland, Maine:											
July 12	0.32	0.45	0.67	0.71	0.73	0.77	0.77	0.78	0.78	0.78	0.78
Sept. 6	.43	.59	.62	.62	.63	.63	.63	.63	.63	.63	.63
Burlington, Vt.:											
June 29	.17	.30	.40	.46	.48	.49	.49	.51	.53	.53	.54
July 8	.19	.29	.48	.56	.57	.58	.58	.58	.58	.58	.58
July 25	.35	.53	.58	.85	.99	1.33	1.44	1.46	1.57	1.76	1.77
Northfield, Vt.:											
June 16	.44	.76	1.27	1.59	1.63	1.64	1.64	1.64	1.64	1.64	1.65
Boston, Mass.:											
June 29	.38	.55	.90	.97	.97	.97	.97	.97	.97	.97	1.08
Sept. 1	.27	.34	.39	.44	.50	.54	.57	.60	.77	.86	.93
Nantucket, Mass.:											
May 9	.32	.46	.55	.60	.61	.62	.62	.62	.62	.62	.62
July 26	.26	.38	.55	.71	.80	.82	.82	.82	.82	.82	.82
Aug. 19-20	.18	.30	.37	.39	.42	.57	.62	.67	.68	.69	.69
Block Island, R. I.:											
June 15	.18	.30	.46	.61	.78	1.04	1.18	1.20	1.21	1.21	1.21
July 19	.31	.37	.38	.38	.38	.38	.38	.38	.38	.38	.38
Providence, R. I.:											
May 23	.28	.38	.41	.41	.41	.41	.41	.48	.66	.77	.84
July 8	.19	.35	.60	.73	.88	.98	1.01	1.01	1.01	1.01	1.01
July 28	.20	.33	.48	.55	.65	.92	1.14	1.28	1.46	1.60	1.68
Hartford, Conn.:											
May 17	.29	.40	.40	.42	.43	.43	.43	.43	.43	.43	.43
May 23	.23	.42	.46	.46	.46	.46	.46	.53	.56	.56	.58
July 1	.31	.45	.64	.74	.91	1.03	1.04	1.04	1.06	1.07	1.07
July 8	.21	.31	.38	.38	.39	.48	.52	.53	.56	.59	.60
July 24	.29	.56	.96	1.18	1.53	1.67	1.98	2.16	2.27	2.44	2.44
July 28	.34	.58	.71	.72	.74	.79	.85	.85	.85	.85	.85
Aug. 25	.17	.33	.47	.66	.90	.98	1.06	1.13	1.20	1.23	1.25
New Haven, Conn.:											
July 12	.33	.52	.64	.66	.70	.70	.72	.72	.73	.73	.73
Aug. 31	.41	.66	.74	.90	1.07	1.08	1.08	1.08	1.08	1.08	1.08
MIDDLE ATLANTIC STATES											
Albany, N. Y.:											
July 19	.22	.31	.37	.50	.55	.55	.55	.55	.56	.56	.59
July 28	.29	.48	.63	.71	.75	.76	.76	.76	.76	.76	.77
Aug. 1	.20	.31	.35	.36	.36	.36	.36	.36	.36	.36	.36
Aug. 31-Sept. 1	.33	.42	.64	.86	1.15	1.26	1.42	1.65	1.81	1.92	2.02
Binghamton, N. Y.:											
July 1	.29	.49	.74	.85	.93	.94	1.03	1.04	1.08	1.11	1.11
July 19	.22	.35	.56	.68	.74	.75	.75	.75	.77	.77	.77
July 30	.23	.44	.60	.62	.64	.65	.66	.67	1.13	1.16	1.23
New York, N. Y.:											
July 8	.19	.31	.41	.44	.46	.46	.46	.46	.46	.69	.75
Aug. 1	.16	.31	.46	.51	.63	.67	.68	.69	.69	.69	.69
Aug. 26	.38	.67	1.05	1.29	1.73	2.01	2.11	2.18	2.21	2.22	2.24
Dec. 13	.13	.25	.44	.52	.62	.70	.83	1.00	1.15	1.30	1.39
Lynchburg, Va.:											
June 4	.33	.43	.63	.70	.77	.77	.78	.78	.78	.78	.78
June 9	.48	.74	.83	.85	.89	.89	.89	.89	.89	.89	.89
July 2	.16	.25	.43	.47	.48	.48	.48	.48	.48	.48	.48
July 3	.21	.41	.65	.67	.69	.69	.69	.69	.69	.69	.69
July 11	.22	.36	.47	.55	.57	.58	.59	.60	.61	.61	.64
July 16	.26	.33	.37	.37	.38	.46	.67	.75	.88	1.02	1.12
July 24	.23	.40	.57	.64	.71	.76	.79	.80	.80	.84	.87
Oct. 27	.17	.26	.40	.50	.57	.60	.63	.65	.66	.69	.71
Norfolk, Va.:											
June 13	.19	.35	.49	.60	.66	.70	.86	.87	.88	.89	1.05
June 14	.39	.44	.45	.46	.46	.46	.46	.46	.46	.46	.46
June 15	.17	.31	.41	.43	.45	.45	.48	.53	.54	.55	.55
June 28	.25	.28	.29	.29	.29	.29	.29	.29	.29	.45	.46
July 11	.23	.32	.59	.61	.62	.69	.79	.80	.83	.87	.93
July 31	.17	.33	.41	.41	.42	.42	.42	.42	.42	.42	.42
Aug. 12	.35	.58	1.06	1.27	1.36	1.55	1.85	1.98	2.00	2.00	2.00
Aug. 20	.24	.42	.76	.93	.93	.96	.97	.97	1.05	1.30	1.35
Aug. 25	.29	.47	.52	.53	.53	.53	.53	.53	.53	.53	.53
Sept. 4	.37	.73	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sept. 26	.17	.32	.57	.72	.99	1.07	1.11	1.15	1.21	1.26	1.28
Oct. 28	.24	.43	.73	.97	1.05	1.26	1.34	1.41	1.53	1.70	1.84
Nov. 6	.21	.31	.39	.45	.54	.64	.68	.69	.72	.73	.74
Dec. 5	.17	.26	.48	.64	.73	.77	.79	.86	.88	.89	.89
Richmond, Va.:											
May 8	.30	.52	.71	.86	.95	1.01	1.03	1.05	1.07	1.23	1.26
June 30	.21	.37	.45	.46	.51	.58	.60	.63	.64	.64	.64
July 19	.20	.27	.40	.41	.42	.42	.51	.54	.56	.57	.59
July 26	.26	.27	.27	.28	.28	.28	.28	.45	.48	.48	.48
Aug. 19	.30	.46	.62	.69	1.04	1.20	1.26	1.31	1.52	1.97	2.02
Aug. 22	.21	.28	.45	.62	.91	.93	.93	.93	.93	.93	.93
Sept. 4	.28	.55	.86	.95	1.30	1.30	1.46	1.47	1.47	1.48	1.48
Oct. 28	.22	.33	.38	.41	.43	.44	.44	.44	.44	.44	.44
SOUTH ATLANTIC STATES											
Asheville, N. C.:											
June 11	.36	.57	.76	.94	.99	1.00	1.01	1.02	1.02	1.03	1.03
July 10	.46	.78	1.29	1.36	1.40	1.40	1.40	1.40	1.40	1.40	1.40
Charlotte, N. C.:											
June 11	.25	.48	.83	.96	1.06	1.09	1.16	1.23	1.25	1.28	1.30
July 10	.52	.76	.85	.86	.86	.86	.93	1.64	1.70	1.70	1.70
Greensboro, N. C.:											
June 12-13	.61	.76	1.04	1.36	1.54	1.69	1.86	1.94	2.03	2.06	2.06
Aug. 22	.32	.52	.80	.82	.86	.86	.86	.86	.86	.86	.86
Hatteras, N. C.:											
April 21	.41	.56	.59	.60	.63	.65	.68	.69	.70	.70	.70
Aug. 12	.24	.42	.70	.84	1.05	1.10	1.13	1.21	1.25	1.29	1.33
Aug. 16	.22	.43	.77	.90	.94	.94	.94	.94	.94	.94	.94
Dec. 24	.33	.57	.97	1.14	1.37	1.57	1.79	1.95	2.20	2.41	2.57
SOUTH ATLANTIC STATES—con.											
Raleigh, N. C.:											
July 5	.54	1.00	1.78	2.31	2.51	2.58	2.62	2.70	2.77	2.79	2.83
July 13	.31	.55	.78	1.04	1.41	1.63	2.38	2.85	3.02	3.19	3.31
Dec. 4	.50	.53	.66	.84	1.03	1.15	1.39	1.46	1.49	1.50	1.50
Harrisburg, Pa.:											
May 22	.43	.47	.60	.61	.61	.61	.61	.61	.61	.61	.61
June 15	.20	.36	.56	.62	.63	.63	.65	.65	.65	.65	.65
Aug. 15	.17	.32	.41	.55	.65	.72	.74	.76	.79	.87	.93
Philadelphia, Pa.:											
June 17	.16	.17	.42	.47	.57	.67	.67	.67	.67	.67	.67
June 30	.32	.54	.70	.73	.77	.78	.78	.78	.78	.78	.78
July 6	.22	.29	.47	.54	.57	.75	.80	.82	.82	.82	.82
July 7	.24	.43	.71	.94	1.31	1.46	1.55	1.63	1.64	1.73	1.74
Aug. 25	.34	.53	.85	.96	1.13	1.19	1.21	1.22	1.23	1.24	1.24
Reading, Pa.:											
June 15	.39	.67	.85	.92	.94	.95	.95	.95	.95	.95	.95
June 17	.40	.59	.78	.89	1.08	1.14	1.18	1.20	1.20	1.21	1.21
July 1	.28	.56	.78	.79	.80	.80	.80	.80	.80	.80	.80
July 2	.45	.74	.91	1.01	1.04	1.06	1.06	1.06	1.06	1.06	1.06
Aug. 15	.26	.35	.41	.46	.55	.58	.58	.58	.59	.63	.65
Aug. 25	.24	.31	.40	.48	.65	.74	.79	.79	.80	.80	.80
Scranton, Pa.:											
June 17	.24	.49	.82	1.02	1.08	1.08	1.09	1.09	1.09	1.09	1.09
July 30	.28	.36	.47	.48	.49	.49	.49	.49	.49	.49	.49
Aug. 16	.31	.31	.32	.32	.32	.32	.32	.32	.32	.32	.32
Aug. 25	.22	.27	.46	.60	.87	1.10	1.21	1.25	1.26	1.27	1.30
Sept. 10	.43	.64	.78	.80	.81	.81	.84	.85	.85	.85	.85
Atlantic City, N. J.:											
May 23	.33	.43	.52	.58	.60	.63	.67	.71	.74	.74	.74
July 28	.35	.51	.63	.69	.83	.92	1.04	1.10	1.10	1.10	1.10
Trenton, N. J.:											
June 17	.42	.76	1.16	1.45	1.68	1.69	1.70	1.70	1.75	2.43	2.52
July 30	.35	.51	.64	.68	.69	.70	.76	.79	.85	1.04	1.47
Aug. 26	.22	.33	.35	.36	.46	.49	.54	.57	.58	.58	.59
Baltimore, Md.:											
May 23	.45	.78	.90	.91	.91	1.02	1.17	1.20	1.20	1.20	1.20
May 29	.34	.58	.77	.89	.98	1.00	1.02	1.04	1.09	1.13	1.14
June 15	.25	.41	.59	.64	.66	.70	.71	.71	.71	.71	.74
June 23	.49	.91	1.67	2.25	2.87	3.24	3.56	3.60	3.63	3.65	3.65
July 2	.36	.60	.95	1.30	1.47	1.50	1.51	1.52	1.55	1.59	1.62
July 4	.18	.34	.41	.41	.42	.42	.50	.50	.59	.60	.61
July 13	.30	.48	.60	.65	.85	.90	.93	.95	.96	.96	.96
Aug. 19	.14	.26	.42	.47	.50	.50	.50	.51	.51	.51	.54
Washington, D. C. May 23	.12	.34	.39	.40	.40	.40	.41	.41	.41	.41	.41
June 23	.22	.40	.64	.75	.89	.94	.96	1.01	1.06	1.13	1.16
July 13	.32	.53	.96	1.22	1.30	1.32	1.36	1.45	1.51	1.53	1.55
Aug. 15	.23	.36	.47	.54	.60	.67	.75	.80	.90	1.04	1.07
Dec. 5	.18	.26	.47	.53	.56	.58	.59	.61	.61	.62	.62
Cape Henry, Va.:											
June 14	.43	.78	1.21	1.28	1.37	1.38	1.38	1.38	1.38	1.38	1.38
June 24	.19	.34	.56	.70	.90	1.13	1.36	1.48	1.55	1.61	1.63
July 11	.23	.34	.38	.38	.38	.39	.42	.44	.45	.45	.45
Aug. 4	.43	.57	.65	.65	.65	.65	.65	.65	.67	.67	.67
Aug. 12	.36	.69	.92	1.14	1.39	1.52	1.64	1.65	1.65	1.65	1.65
Dec. 5	.33	.44	.81	.96	.98	1.04	1.07	1.13	1.17	1.18	1.18
Wilmington, N. C.:											
Dec. 23	.29	.49	.75	.93	1.20	1.26	1.42	1.53	1.59	1.65	2.10
Charleston, S. C.:											
March 24	.34	.49	.76	.93	1.09	1.20	1.24	1.25	1.26	1.27	1.27
June 26	.29	.50	.68	.73	.73	.73	.73	.73	.73	.77	.77
July 5	.40	.48	.51	.54	.54	.54	.54	.55	.68	.78	.82
July 8	.37	.54	.65	.76	.79	.79	.79	.79	.79	.79	.79
July 14	.32	.61	1.04	1.29	1.45	1.57	1.65	1.80	1.80	1.81	1.81
July 15-16	.30	.59	.91	1.14	1.20	1.22	1.37	1.45	1.50	1.51	1.61
Aug. 5	.43	.75	1.39	2.02	2.74	2.88	3.00	3.03	3.05	3.06	3.11
Aug. 16	.38	.55	.75	.90	1.00	1.14	1.42	1.49	1.50	1.50	1.50
Aug. 21	.44	.81	1.43	1.51	1.54	1.54	1.55	1.55	1.56	1.56	1.56
Aug. 24	.27	.41	.75	.94	1.10	1.42	1.69	1.73	1.75	1.75	1.75
Dec. 4	.21	.30	.53	.73	.91	1.01	1.17	1.59	1.84	1.93	2.03
Dec. 23	.19	.30	.46	.61	.73	.75	.80	.91	.94	.98	1.08
Dec. 26	.48	.74	.98	1.25	1.44	1.67	2.11	2.40	2.59	2.82	2.89
Columbia, S. C.:											
June 25	.31	.55	.85	.97	1.02	1.04	1.06	1.13	1.16	1.17	1.17
July 17	.39	.64	.91	1.11	1.44	1.65	1.68	1.69	1.69	1.69	1.69
Greenville, S. C.:											
April 4	.38	.69	.98	1.00	1.01	1.02	1.05	1.05	1.05	1.06	1.06
July 8	.31	.54	.85	.95	1.01	1.03	1.03	1.04	1.04	1.04	1.04
Aug. 8	.35	.51	.79	1.01	1.05	1.05	1.05	1.05	1.05	1.05	1.05
Aug. 19	.37	.56	.64	.66	.67	.67	.67	.67	.67	.67	.67
Augusta, Ga.:											
June 11	.33	.52	.91	.97	.97	.97	.97	1.20	1.25	1.30	1.31
June 12	.31	.50	.69	.79	.81	.81	.81	.81	.81	.81	.81
July 13	.34	.51	.56	.67	.68	.74	.77	.78	.78	.79	.82
Savannah, Ga.:											
June 27	.39	.74	1.06	1.40	1.82	2.31	2.44	2.45	2.51	2.58	2.60
July 3	.31	.51	.59	.73	.75	.75	.75	.75	.82	.87	.87
July 13	.36	.66	1.16	1.47	1.57	1.58	1.58	1.60	1.63	1.65	1.66
July 18	.27	.53	.68	.73	.77	.80	.81	.82	.82	.82	.82
July 20	.45	.74	1.35	2.02	2.47	2.65	2.68	2.83	3.01	3.10	3.11
Aug. 24	.53	.86	1.08	1.64	2.24	2.37	2.38	2.40	2.40	2.40	2.40
Aug. 28	.29	.46	.76	.82	.83	.83	.83	.83	.83	.83	.83
Jacksonville, Fla.:											
June 18	.27	.41	.72	.91	1.03	1.06	1.06	1.07	1.07	1.07	1.07
June 28	.49	.81	.94	.95	.96	.96	.97	.97	.97	.97	.97
July 21	.34	.62	.84	1.02	1.26	1.37	1.47	1.53	1.56	1.61	1.64
Aug. 17	.38	.56	.84	1.13	1.26	1.32	1.36	1.37	1.38	1.38	1.38
Aug. 21	.54	.67	.79	.81	.81	.81	.81	.82	.82	.83	.85
Sept. 11	.23	.45	.81	.92	1.02	1.06	1.09	1.11	1.11	1.12	1.12
Sept. 13	.30	.57	.69	.74	.77	.77	.78	.78	.78	.78	.78
Oct. 20	.26	.46	.73	.90	1.38	1.58	1.64	1.73	1.79	1.85	1.92
Dec. 4	.45	.71	1.00	1.12	1.19	1.37	1.44	1.51	1.54	1.55	1.57
Dec. 23	.33	.51	.85	1.03	1.24	1.31	1.36	1.38	1.39	1.47	1.48

See footnotes at end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1941 at all stations furnished with self-registering gages*—Continued

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
FLORIDA PENINSULA											
Key West, Fla.:											
Jan. 6	.40	.50	.56	.57	.57	.58	.59	.63	.67	.68	.70
Feb. 7	.40	.56	.92	1.11	1.22	1.25	1.27	1.32	1.36	1.39	1.40
Feb. 9	.32	.49	.67	.91	.99	.99	1.43	1.77	1.89	1.96	2.13
March 8	.33	.49	.65	.95	1.05	1.15	1.33	1.49	1.59	1.71	1.76
April 5	.27	.46	.72	.86	1.14	1.21	1.28	1.38	1.40	1.45	1.51
April 29	.22	.38	.71	1.07	1.42	1.81	2.32	2.55	2.64	2.77	2.83
June 23	.43	.60	.66	.66	.66	.70	.71	.71	.71	.71	.71
Aug. 3	.39	.72	1.07	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
Oct. 1	.42	.53	.57	.57	.57	.57	.57	.57	.57	.57	.57
Oct. 17–18	.31	.54	.95	1.16	1.43	1.62	1.79	1.85	1.90	2.00	2.10
Nov. 4	.29	.52	.65	.67	.68	.68	.68	.68	.68	.68	.68
Nov. 6	.40	.69	1.13	1.31	1.44	1.53	1.63	1.69	1.73	1.76	1.77
Miami, Fla.:											
March 8	.25	.41	.60	.91	1.15	1.30	1.43	1.58	1.60	1.71	1.74
April 3	.59	.91	.98	1.02	1.05	1.06	1.08	.08	1.08	1.08	1.08
June 29	.41	.77	1.30	1.76	1.96	2.01	2.05	2.08	2.17	2.27	2.37
June 30	.33	.56	.82	.98	1.06	1.06	1.07	1.08	1.10	1.12	1.12
July 6	.20	.38	.69	.69	1.20	1.30	1.35	1.42	1.57	1.61	1.70
July 9	.46	.84	1.34	1.64	1.91	2.11	2.14	2.17	2.18	2.18	2.21
Sept. 20	.35	.61	.97	1.55	1.87	1.99	2.04	2.06	2.11	2.20	2.26
Tampa, Fla.:											
March 8	.29	.47	.80	.94	1.01	1.07	1.14	1.24	1.46	1.61	1.76
Aug. 16	.42	.60	.61	.61	.61	.62	.62	.62	.62	.62	.62
Sept. 1	.37	.60	.70	.70	.70	.70	.70	.70	.70	.70	.70
Sept. 3	.40	.77	1.25	1.37	1.74	.53	2.97	3.14	3.16	3.16	3.16
Oct. 18	.51	.79	.91	1.00	1.03	1.03	1.03	1.03	1.03	1.03	1.04
Nov. 14	.33	.55	.98	1.21	1.40	1.66	2.38	2.57	2.61	2.64	2.64
Dec. 24	.24	.43	.76	1.02	1.48	1.86	2.44	2.67	2.77	2.99	3.11
EAST GULF STATES											
Atlanta, Ga.:											
June 23	.32	.63	1.13	1.52	1.82	1.91	1.96	1.99	2.02	2.10	2.18
Aug. 13	.33	.64	1.24	1.78	2.18	2.25	2.27	2.27	2.27	2.27	2.27
Macon, Ga.:											
July 5	.41	.57	.74	.77	.77	.79	.82	.84	.84	.85	.85
July 10	.36	.60	1.13	1.52	2.15	2.62	2.91	3.05	3.07	3.08	3.09
July 11	.35	.67	1.23	1.69	1.92	1.96	1.98	1.99	2.03	2.10	2.12
July 21	.33	.64	1.09	1.31	1.40	1.50	1.51	1.52	1.52	1.54	1.54
Sept. 25	.37	.50	.52	.58	.60	.65	.70	.80	.96	.99	1.14
Nov. 5	.46	.72	.87	1.08	1.13	1.16	1.16	1.16	1.16	1.17	1.18
Apalachicola, Fla.:											
March 7	.33	.55	.89	.95	.98	1.02	1.07	1.14	1.21	1.29	1.43
June 28	.40	.77	1.15	1.23	1.24	1.24	1.26	1.26	1.29	1.29	1.31
July 10	.43	.68	1.02	1.11	1.13	1.14	1.15	1.16	1.16	1.16	1.16
Aug. 4	.41	.72	1.16	1.20	1.30	1.40	1.41	1.41	1.42	1.42	1.42
Sept. 15	.31	.56	.87	1.19	1.46	1.54	1.56	1.63	1.63	1.63	1.63
Oct. 7	.28	.51	.90	1.21	1.37	1.45	1.66	2.01	2.51	2.94	3.42
Nov. 5	.30	.57	.79	.79	.79	.79	.79	.95	1.31	1.41	1.42
Pensacola, Fla.:											
March 7	.41	.56	.87	1.16	1.71	1.96	2.15	2.23	2.36	2.44	2.53
March 31	.50	.81	1.10	1.36	1.75	1.86	1.94	2.04	2.15	2.28	2.45
July 5–6	.30	.51	.64	.72	.88	.91	.91	.94	.97	1.12	1.12
July 9	.36	.56	.81	1.08	1.26	1.29	1.31	1.31	1.31	1.31	1.31
July 13	.37	.74	1.22	1.68	1.84	1.93	1.93	2.45	2.61	2.62	2.62
Dec. 22	.32	.58	.70	.74	.78	.82	.84	.87	.87	.87	.88
Birmingham, Ala.:											
April 23	.56	.80	.82	.83	.83	.83	.84	.88	.92	.94	.95
July 1	.57	1.09	1.75	1.93	1.99	2.06	2.12	2.15	2.19	2.22	2.22
July 20	.32	.61	1.01	1.12	1.13	1.17	1.20	1.21	1.22	1.22	1.22
Aug. 2	.53	.94	1.74	2.48	3.61	3.83	3.85	3.86	3.89	3.93	3.94
Aug. 5	.36	.59	.72	1.09	1.42	1.47	1.48	1.49	1.49	1.49	1.49
Aug. 13	.30	.48	.73	.99	1.09	1.10	1.10	1.10	1.10	1.10	1.10
Aug. 15	.33	.57	.93	1.02	1.05	1.07	1.08	1.09	1.10	1.12	1.13
Oct. 31	.49	.68	.86	.97	1.21	1.89	1.94	1.96	1.97	2.00	2.00
Mobile, Ala.:											
Jan. 1	.25	.39	.67	.90	1.20	1.24	1.29	1.61	1.68	1.71	1.71
March 7	.37	.50	.60	.64	.73	.79	.81	.81	.82	.82	.83
April 24	.35	.52	.92	1.00	1.30	1.33	1.35	1.35	1.35	1.39	1.40
June 8	.35	.51	.96	1.34	1.60	1.89	2.67	2.89	3.37	3.73	3.90
June 30	.32	.46	.75	.87	.93	.95	.95	.95	.97	.98	.98
July 1	.32	.62	.89	.97	1.09	1.21	1.45	1.63	1.68	1.70	1.70
July 5	.30	.51	.57	.59	.60	.68	.72	.72	.75	1.00	1.19
July 17	.38	.72	1.29	1.45	1.55	1.61	1.65	1.66	1.66	1.66	1.66
Aug. 19	.41	.71	1.05	1.22	1.33	1.37	1.41	1.46	1.49	1.52	1.54
Oct. 2	.24	.46	.72	.95	1.03	1.04	1.04	1.04	1.04	1.04	1.04
Nov. 4	.34	.64	.95	1.53	1.77	2.10	2.46	2.52	2.54	2.56	2.57
Dec. 25	.43	.64	1.22	1.33	1.39	1.39	1.44	1.48	1.51	1.55	1.61
Montgomery, Ala.:											
June 8	.35	.69	.89	.90	.90	.90	.91	.97	1.08	1.19	1.24
July 16	.28	.53	.77	.89	.89	.89	.89	.92	.93	.93	.93
Aug. 15	.28	.50	.65	.65	.65	.65	.65	.66	.66	.66	.66
Sept. 24	.41	.68	1.31	1.50	1.66	1.71	1.77	1.77	1.77	1.78	1.82
Oct. 27	.40	.51	.56	.70	.70	.71	.71	.71	.71	.71	.71
Meridian, Miss.:											
June 1	.31	.54	.94	1.31	1.47	1.48	1.50	1.52	1.52	1.52	1.52
July 1	.40	.79	1.34	1.89	2.49	2.54	2.70	2.70	2.71	2.71	2.71
July 19	.50	.95	1.71	2.13	2.38	2.42	2.50	2.51	2.51	2.51	2.51
July 20	.41	.80	1.25	1.83	1.94	1.95	1.96	1.96	1.96	1.96	1.96
Sept. 2	.45	.84	1.28	1.36	1.38	1.38	1.38	1.38	1.96	2.27	2.38
Dec. 2	.23	.46	.73	.81	.86	1.09	1.45	1.56	1.56	1.61	1.66
Vicksburg, Miss.:											
April 19	.44	.65	.92	1.00	1.02	1.04	1.16	1.26	1.29	1.36	1.41
May 17	.57	.83	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.41
July 4	.34	.65	1.17	1.57	1.94	2.01	2.04	2.06	2.07	2.07	2.07
July 11	.28	.46	.70	.91	1.02	1.10	1.13	1.13	1.13	1.13	1.13
Aug. 1	.33	.60	.98	1.12	1.18	1.19	1.20	1.25	1.29	1.36	1.37
Nov. 4	.34	.57	1.07	1.33	1.47	1.50	1.50	1.50	1.50	1.51	1.51

See footnotes at end of table.

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
EAST GULF STATES—continued											
New Orleans, La.:											
Jan. 26	.34	.51	.84	1.19	1.53	1.54	1.55	1.62	1.63	1.63	1.63
April 2–3	.43	.56	.69	.71	.90	1.06	1.09	1.28	1.79	1.83	1.83
May 25	.37	.63	.91	1.04	1.12	1.22	1.23	1.23	1.23	1.23	1.23
June 7	.27	.51	.86	.99	1.03	1.03	1.06	1.09	1.11	1.11	1.12
June 8	.40	.71	1.11	1.38	1.79	2.29	2.60	3.38	3.70	3.98	4.02
June 17	.26	.45	.71	.91	1.04	1.17	1.35	1.51	1.54	1.55	1.55
July 1	.24	.45	.78	1.08	1.16	1.22	1.29	1.33	1.39	1.44	1.52
July 16	.49	.91	1.33	1.52	1.58	1.58	1.58	1.58	1.58	1.58	1.58
Aug. 3	.29	.47	.79	.95	1.03	1.04	1.05	1.06	1.08	1.13	1.18
Aug. 11	.51	.79	1.20	1.45	1.47	1.52	1.66	1.94	1.99	2.01	2.03
Aug. 24	.40	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55
Aug. 26	.32	.46	.73	.88	1.02	1.04	1.04	1.04	1.04	1.04	1.04
Sept. 26	.34	.55	.85	1.07	1.39	1.45	1.46	1.52	1.57	1.60	1.60
WEST GULF STATES											
Shreveport, La.:											
May 5	.27	.52	.90	1.10	1.21	1.51	2.05	2.28	2.46	2.75	2.85
June 10	.60	.85	1.16	1.34	1.49	1.52	1.56	1.58	1.62	1.64	1.65
July 24	.39	.62	1.20	1.61	1.66	1.69	1.70	1.70	1.70	1.70	1.70
Oct. 15	.28	.48	.73	.85	.93	.96	1.01	1.06	1.10	1.18	1.24
Corpus Christi, Tex.:											
April 26	.31	.58	.89	1.08	1.26	1.55	1.74	1.80	1.85	1.94	2.17
April 27	.52	.94	1.26	1.55	1.89	2.00	2.06	2.10	2.20	2.24	2.30
April 29	.44	.63	.67	.67	.68	.70	.71	.71	.71	.71	.71
May 2	.51	.90	1.46	1.60	1.65	1.68	2.11	2.20	2.44	2.53	2.54
May 21	.40	.74	1.24	1.67	2.15	2.78	3.31	3.91	4.14	4.50	4.74
July 11	.33	.54	.82	1.11	1.23	1.25	1.26	1.27	1.27	1.27	1.27
Dallas, Tex.:											
June 1	.18	.28	.48	.63	.95	1.25	1.50	1.75	2.01	2.02	2.08
June 13	.48	.74	.96	1.11	1.13	1.13	1.13	1.13	1.13	1.14	1.14
June 27	.25	.55	.86	1.18	1.34	1.36	1.39	1.46	1.53	1.56	1.56
Aug. 6	.50	.69	1.06	1.29	1.36	1.37	1.37	1.37	1.37	1.37	1.37
Sept. 24	.40	.74	.97	.99	1.01	1.06	1.08	1.10	1.11	1.12	1.12
Fort Smith, Ark.:											
June 1	.45	.83	1.29	1.41	1.43	1.44	1.47	1.55	1.58	1.59	1.63
Oct. 1	.50	.65	.67	.68	.68	.68	.69	.71	.74	.74	.74
Little Rock, Ark.:											
April 19	.46	.62	.70	.80	.90	.98	1.05	1.06	1.06	1.08	1.10
May 23	.33	.58	1.13	1.51	1.71	1.81	1.92	2.12	2.17	2.19	2.19
June 10	.38	.60	.78	.84	1.10	1.37	1.48	1.55	1.56	1.57	1.64
July 21	.36	.63	1.15	1.38	1.58	1.65	1.65	1.65	1.67	1.67	1.67
Sept. 9	.34	.57	.73	.77	.78	.85	.87	.95	1.00	1.02	1.05
Sept. 24	.47	.59	.63	.66	.66	.67	.80	.89	.91	1.01	1.06
Oct. 7	.27	.48	.75	.77	.81	.84	.87	.88	.93	.95	.97
Austin, Tex.:											
April 2	.44	.72	1.04	1.11	1.13	1.13	1.13	1.13	1.13	1.13	1.13
May 27	.41	.63	.95	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01
June 6	.43	.83	1.46	2.02	2.81	3.41	3.72	4.09	4.41	5.41	5.47
June 6–7	.27	.46	.85	1.12	1.34	1.41	1.50	1.50	1.50	1.53	1.83
June 10	.30	.54	.81	.87	.97	1.01	1.07	1.12	1.20	1.22	1.22
June 16	.41	.72	.98	1.11	1.16	1.17	1.18	1.22	1.23	1.23	1.23
July 16	.37	.60	.90	.98	1.04	1.05	1.05	1.05	1.05	1.05	1.05
Oct. 1	.44	.78	1.22	1.31	1.36	1.37	1.4[illegible]	1.49	1.54	1.54	1.61
Oct. 4	.35	.59	.89	1.05	1.1[illegible]	1.25	1.27	1.27	1.27	1.27	1.27
Oct. 23	.40	.72	1.34	1.52	1.67	1.68	1.72	1.88	1.91	1.95	2.00
Brownsville, Tex.:											
May 21	.23	.40	.68	.94	1.18	1.32	1.44	1.49	1.50	1.57	1.63
June 22	.31	.52	.72	.83	.92	1.02	1.09	1.09	1.10	1.11	1.12
June 27	.40	.70	1.08	1.33	1.57	1.81	1.91	1.94	1.94	1.94	1.94
Galveston, Tex.:											
April 28	.37	.60	.90	1.03	1.22	1.56	2.00	2.55	2.63	2.75	3.06
May 5	.39	.81	1.25	1.66	2.10	2.29	2.36	2.39	2.41	2.45	2.52
June 7	.30	.45	.90	1.14	1.32	1.47	1.71	1.97	2.03	2.04	2.04
June 20	.37	.58	.69	.78	1.00	1.15	1.25	1.26	1.26	1.28	1.28
July 12	.37	.64	1.02	1.42	1.69	2.07	2.37	2.65	2.87	3.03	3.09
Aug. 5	.44	.78	1.06	1.10	1.11	1.11	1.14	1.22	1.28	1.40	1.49
Sept. 1	.31	.56	1.10	1.47	1.61	1.69	1.87	2.00	2.07	2.09	2.27
Sept. 2	.37	.63	1.09	1.39	1.61	1.65	2.16	2.25	2.31	2.40	2.44
Oct. 8	.43	.55	.59	.60	.61	.62	.62	.62	.62	.62	.63
Oct. 15	.38	.65	.92	.98	1.08	1.24	1.42	1.57	1.73	1.82	1.92
Houston, Tex.:											
April 23	.34	.63	.92	1.08	1.32	1.59	1.85	1.88	1.88	1.88	1.88
May 28	.26	.48	.75	.81	.82	.97	.99	1.08	1.12	1.13	1.12
May 29	.28	.45	.87	1.05	1.16	1.20	1.22	1.22	1.23	1.32	1.37
June 7	.43	.67	.89	.95	1.13	1.20	1.28	1.59	1.69	1.78	1.93
June 11	.30	.58	.92	1.34	1.81	2.21	2.77	3.09	3.16	3.22	3.23
June 24	.43	.60	.94	1.11	1.28	1.39	1.46	1.47	1.49	1.50	1.50
July 1	.23	.41	.77	1.00	1.24	1.34	1.36	1.38	1.39	1.40	1.40
July 11	.32	.49	.65	.69	.75	.83	.93	1.02	1.10	1.27	1.31
Oct. 31	.24	.45	.76	.98	1.30	1.44	1.53	1.62	1.72	1.84	1.92
Nov. 4	.32	.55	.68	.69	.69	.69	.69	.69	.69	.69	.69
Palestine, Tex.:											
April 2	.30	.49	.77	.89	1.21	1.30	1.34	1.39	1.40	1.40	1.40
June 16	.34	.62	1.03	1.34	1.74	1.84	2.04	2.07	2.13	2.16	2.16
Sept. 8	.38	.55	.63	.64	.64	.64	.64	.64	.64	.64	.64
Oct. 30	.30	.51	.80	.90	.95	.98	1.19	1.32	1.41	1.49	1.56
Port Arthur, Tex.:											
June 7	.44	.85	1.47	1.77	2.19	2.35	2.47	2.49	2.50	2.55	2.63
June 27	.26	.46	.71	1.05	1.27	1.30	1.61	1.74	1.79	1.92	1.95
July 12	.36	.63	1.01	1.14	1.22	1.26	1.28	1.31	1.36	1.49	1.52
July 13	.41	.66	.77	.82	.87	.91	1.09	1.15	1.24	1.30	1.31
Aug. 7	.30	.50	.76	.97	1.00	1.10	1.11	1.11	1.11	1.24	1.36
Sept. 2	.31	.51	.84	1.10	1.27	1.34	1.88	2.21	2.27	2.69	3.07
Sept. 23	.36	.66	1.15	1.44	1.76	1.98	2.20	2.55	2.78	2.99	3.07
Oct. 30	.34	.62	1.22	1.49	1.74	1.88	2.17	2.39	2.58	2.73	2.19
Oct. 31	.39	.87	1.09	1.35	1.45	1.50	1.58	1.61	1.62	1.63	1.74
Dec. 22	.52	1.00	1.68	2.19	2.78	3.06	3.20	3.34	3.44	3.55	3.62

TABLE 14.—*Maximum precipitation for stated intervals during 1941 at all stations furnished with self-registering gages*—Continued

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
OHIO VALLEY AND TENNESSEE											
Chattanooga, Tenn.:											
July 4	.34	.57	1.11	1.58	2.07	2.16	2.22	2.25	2.29	2.30	2.30
Aug. 5	.36	.66	1.02	1.33	1.65	2.24	2.69	3.08	3.16	3.44	3.53
Aug. 27	.39	.58	.69	.71	.73	.78	.81	.87	.88	.89	.89
Knoxville, Tenn.:											
July 4	.47	.57	.63	.63	.63	.63	.66	.68	.74	.75	.75
Aug. 25	.38	.63	.70	.70	.71	1.06	1.15	1.21	1.36	1.40	1.40
Memphis, Tenn.:											
July 26	.36	.54	.81	1.11	1.25	1.27	1.27	1.30	1.31	1.31	1.31
Nashville, Tenn.:											
June 7	.52	.63	.66	.66	.66	.66	.66	.66	.66	.66	.72
July 3	.35	.65	.88	.90	.90	.92	.93	.93	.95	.97	1.00
Louisville, Ky.:											
April 15	.41	.66	.79	.96	1.17	1.19	1.20	1.20	1.20	1.20	1.20
May 16	.29	.46	.53	.55	.60	.66	.74	.78	.80	.80	.80
June 9	.26	.41	.55	.58	.60	.61	.62	.62	.62	.62	.62
June 10	.22	.34	.61	.72	.83	.88	.95	.98	1.07	1.08	1.09
June 14	.39	.44	.46	.47	.47	.47	.47	.47	.47	.47	.47
June 27	.23	.44	.68	.87	1.06	1.09	1.10	1.10	1.10	1.10	1.10
June 28	.22	.36	.62	.81	.99	.93	.96	.96	.96	.96	.96
Oct. 9	.20	.33	.52	.57	.58	.58	.59	.60	.60	.64	.67
Dec. 23	.26	.33	.37	.40	.43	.45	.46	.48	.50	.50	.51
Dec. 23	.18	.29	.47	.61	.73	.80	.87	.98	1.02	1.04	1.05
Evansville, Ind.:											
April 16	.33	.50	.55	.58	.59	.60	.60	.60	.60	.60	.60
May 16	.37	.68	.93	1.02	1.07	1.09	1.15	1.21	1.25	1.27	1.28
June 2	.28	.42	.57	.58	.60	.61	.63	.66	.67	.71	.75
June 10	.30	.43	.69	.85	.96	1.11	1.15	1.15	1.15	1.15	1.15
July 7	.27	.47	.62	.63	.63	.64	.64	.64	.65	.65	.65
July 18	.21	.32	.39	.43	.49	.65	.70	.76	.84	.84	.84
July 24	.48	.78	.95	1.08	1.14	1.16	1.17	1.17	1.18	1.19	1.21
Aug. 15	.40	.58	.65	.66	.66	.66	.66	.66	.66	.66	.66
Aug. 26	.22	.38	.60	.86	1.20	1.39	1.49	1.60	1.62	1.63	1.63
Oct. 3	.20	.32	.47	.60	.63	.63	.64	.64	.68	.75	.86
Oct. 9	.35	.58	.75	.76	.76	.83	.84	.84	.84	.84	.84
Oct. 14	.23	.39	.62	.71	.78	.80	.83	.90	.97	1.02	1.04
Indianapolis, Ind.:											
April 17	.29	.39	.42	.44	.45	.46	.46	.46	.46	.46	.46
June 2	.43	.61	.89	1.34	2.05	2.24	2.26	2.26	2.27	2.34	2.48
Oct. 4	.32	.57	1.04	1.34	1.43	1.50	1.51	1.51	1.51	1.51	1.53
Terre Haute, Ind.:											
April 17	.22	.38	.54	.68	.91	1.01	1.02	1.03	1.04	1.06	1.06
May 21	.19	.36	.39	.40	.40	.40	.40	.40	.40	.40	.40
June 1	.45	.72	1.08	1.18	1.22	1.23	1.23	1.23	1.23	1.23	1.23
June 2-3	.19	.31	.51	.69	.79	.87	1.01	1.03	1.07	1.07	1.07
June 8-9	.37	.62	.87	1.02	1.25	1.33	1.33	1.33	1.33	1.34	1.34
June 9	.25	.35	.44	.51	.55	.56	.56	.56	.56	.56	.56
June 9-10	.25	.41	.48	.79	.86	.90	.94	1.10	1.11	1.43	1.74
June 11	.29	.46	.75	1.01	1.11	1.20	1.61	1.74	1.81	1.81	1.81
June 15	.34	.36	.36	.37	.37	.37	.37	.37	.37	.37	.37
July 3	.16	.30	.38	.51	.56	.57	.57	.58	.58	.58	.58
Aug. 24	.21	.31	.42	.46	.48	.52	.55	.55	.55	.56	.59
Aug. 26	.22	.31	.36	.37	.38	.41	.49	.64	.66	.72	.76
Sept. 1	.33	.58	.84	1.14	1.58	2.13	2.52	2.81	3.03	3.33	3.41
Sept. 5	.33	.49	.68	.96	.99	1.00	1.01	1.02	1.02	1.15	1.20
Sept. 7	.33	.53	.69	.76	.77	.88	1.22	1.24	1.25	1.25	1.25
Oct. 31	.35	.42	.45	.48	.50	.51	.53	.57	.60	.63	.63
Cincinnati, Ohio:											
June 3	.25	.42	.60	.63	.64	.66	.66	.67	.67	.67	.67
July 2	.25	.46	.73	.75	.76	.77	.79	.92	.97	.99	1.01
July 24	.27	.30	.31	.31	.45	.57	.63	.64	.64	.65	.65
Aug. 26	.34	.46	.51	.53	.55	.56	.57	.57	.57	.57	.57
Sept. 2	.25	.35	.59	.61	.61	.61	.61	.61	.61	.61	.61
Sept. 5	.17	.33	.38	.44	.46	.47	.47	.47	.47	.47	.47
Sept. 7	.25	.36	.48	.52	.55	.58	.59	.60	.62	.62	.62
Oct. 7	.22	.32	.33	.35	.41	.45	.46	.46	.46	.46	.46
Columbus, Ohio:											
May 16	.25	.36	.42	.45	.50	.51	.52	.54	.55	.55	.56
June 3	.39	.58	.81	.94	1.17	1.19	1.19	1.29	1.58	1.58	1.60
June 12	.24	.43	.55	.56	.58	.59	.63	.66	.67	.67	.67
July 29	.30	.52	.75	.90	.96	1.26	1.32	1.33	1.33	1.33	1.33
Aug. 18	.24	.35	.54	.58	.60	.79	.87	1.03	1.04	1.10	1.12
Sept. 3	.20	.33	.41	.46	.46	.46	.46	.46	.46	.46	.46
Sept. 5	.27	.30	.41	.58	.76	.98	1.01	1.05	1.06	1.06	1.06
Dayton, Ohio:											
May 17	.48	.66	.91	1.04	1.06	1.09	1.11	1.14	1.14	1.15	1.20
June 3	.15	.28	.39	.43	.49	.54	.57	.60	.63	.65	.70
July 10	.35	.49	.54	.55	.56	.56	.87	.95	.95	.95	.95
Aug. 11	.37	.54	.83	.98	1.03	1.05	1.11	1.11	1.11	1.11	1.11
Aug. 30	.28	.49	.58	.60	.60	.60	.62	.63	.63	.63	.63
Sept. 1	.34	.56	.74	.78	.80	.82	.83	.84	.84	.85	.85
Dec. 23	.10	.17	.35	.48	.70	.88	1.12	1.35	1.51	1.61	1.70
Elkins, W. Va.:											
May 23	.35	.41	.52	.57	.58	.59	.59	.59	.59	.59	.59
June 12	.33	.46	.50	.72	.78	.78	.78	.78	.78	.78	.78
June 28	.24	.37	.39	.40	.40	.40	.40	.40	.40	.40	.40
June 29	.14	.27	.52	.66	.69	.72	.76	.81	.85	.87	.89
July 4	.19	.33	.55	.57	.57	.57	.60	.84	.97	1.13	1.30
July 7	.24	.40	.41	.41	.41	.45	.48	.48	.48	.48	.48
July 11	.26	.31	.33	.34	.34	.34	.34	.34	.34	.34	.34
Aug. 9	.44	.64	.67	.67	.67	.67	.67	.67	.67	.67	.67
Aug. 12	.27	.37	.57	.87	.93	.95	1.02	1.02	1.07	1.25	1.32
Aug. 15	.36	.49	.56	.62	.71	.76	.82	.86	.88	.89	.89
Aug. 26	.39	.44	.46	.46	.46	.59	.66	.68	.68	.68	.68
Sept. 4	.25	.34	.38	.38	.38	.38	.38	.38	.38	.38	.38
Parkersburg, W. Va.:											
May 16	.22	.35	.38	.45	.57	.78	.84	.93	1.00	1.10	1.16
June 3	.35	.49	.66	.72	.77	.80	.81	.83	.83	.83	.83
June 12	.23	.41	.44	.45	.45	.46	.46	.46	.46	.46	.46
See footnotes at end of table.											

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
OHIO VALLEY AND TENNESSEE—continued											
Parkersburg, W. Va.—continued											
July 3	.35	.63	.82	.86	.88	.88	.88	.88	.88	.91	.92
July 15	.32	.59	.66	.68	.68	.68	.68	.68	.68	.68	.68
Sept. 1	.38	.48	.48	.48	.49	.50	.55	.66	.66	.66	.95
Pittsburgh, Pa.:											
May 15	.31	.38	.47	.47	.48	.48	.50	.50	.50	.50	.50
June 4	.20	.33	.57	.78	.85	.90	.94	1.03	1.11	1.17	1.22
July 3	.18	.35	.48	.60	.64	.66	.69	.76	.79	.81	.83
July 30	.28	.47	.61	.68	.69	.69	.69	.69	.69	.69	.69
Aug. 11	.15	.24	.38	.60	.79	.88	.92	.93	.93	.93	.93
Aug. 15	.23	.35	.43	.54	.70	.93	1.11	1.30	1.44	1.51	1.57
Aug. 26	.25	.47	.61	.76	.85	.91	.95	.98	1.03	1.05	1.05
Nov. 6	.20	.30	.49	.61	.75	.85	1.06	1.09	1.11	1.15	1.28
LOWER LAKE REGION											
Buffalo, N. Y.:											
July 7	.17	.30	.47	.56	.56	.56	.56	.56	.56	.56	.56
July 30	.31	.42	.60	.66	.69	.70	.70	.70	.70	.70	.70
Canton, N. Y.:											
June 16	.24	.37	.52	.54	.63	.72	.72	.72	.72	.72	.72
July 7	.23	.43	.65	1.00	1.25	1.30	1.42	1.42	1.45	1.60	1.63
July 27	.37	.44	.47	.48	.48	.48	.49	.49	.49	.49	.49
Ithaca, N. Y.:											
June 14	.38	.56	.60	.60	.60	.60	.60	.74	.78	.81	.81
July 19	.22	.33	.43	.44	.45	.46	.46	.47	.47	.47	.47
July 28	.29	.84	.49	.52	.61	.69	.84	.93	1.10	1.23	1.27
July 30	.26	.45	.60	.61	.63	.65	.67	.68	.68	.68	.68
July 30	.36	.55	.62	1.04	1.19	1.23	1.25	1.25	1.26	1.32	1.35
Sept. 4	.15	.31	.37	.38	.38	.38	.38	.38	.38	.38	.38
Oswego, N. Y.:											
June 30	.28	.47	.67	.67	.67	.67	.67	.67	.67	.67	.67
July 16	.36	.54	.66	.75	.86	.89	.91	1.04	1.07	1.12	1.14
July 30	.19	.31	.57	.69	.87	.87	.91	.98	.99	1.03	1.04
Aug. 22	.33	.62	.85	.85	.85	.85	.85	.85	.85	.85	.85
Aug. 25	.24	.35	.57	.78	.89	1.19	1.36	1.46	1.57	1.65	1.66
Aug. 31	.16	.29	.52	.59	.69	.82	.83	.86	.87	.87	.87
Sept. 5	.30	.34	.34	.39	.39	.39	.39	.40	.46	.49	.50
Rochester, N. Y.:											
June 16	.28	.38	.44	.48	.58	.59	.60	.61	.61	.61	.61
July 28	.20	.31	.32	.33	.38	.48	.48	.49	.49	.49	.49
July 30	.20	.37	.43	.47	.49	.49	.52	.68	.68	.68	.68
Aug. 31	.20	.31	.36	.38	.40	.41	.41	.41	.41	.41	.41
Sept. 4	.36	.60	.72	.80	.80	.80	.80	.80	.80	.84	.84
Syracuse, N. Y.:											
May 28	.34	.43	.56	.62	.63	.70	.79	.80	.81	.86	.88
May 28-29	.22	.32	.35	.45	.45	.45	.45	.46	.59	.62	.62
June 14	.21	.28	.52	.52	.53	.53	.53	.53	.53	.53	.53
June 28	.41	.50	.50	.50	.58	.67	.68	.68	.68	.68	.68
July 7	.47	.69	1.08	1.25	1.36	1.40	1.41	1.41	1.42	1.43	1.43
July 11	.15	.31	.57	.71	.73	.88	1.07	1.10	1.10	1.10	1.10
Aug. 22	.57	.70	.75	.76	.76	.76	.76	.76	.76	.76	.76
Sept. 10	.20	.40	.51	.57	.58	.58	.67	.67	.67	.67	.75
Erie, Pa.:											
July 6	.24	.33	.34	.34	.34	.34	.34	.34	.34	.34	.34
July 19	.29	.43	.45	.45	.45	.60	.63	.64	.64	.64	.64
Aug. 11	.23	.33	.39	.52	.71	.73	.79	1.09	1.24	1.26	1.33
Aug. 25	.25	.34	.53	.60	.63	.63	.63	.63	.63	.63	.63
Cleveland, Ohio:											
June 12	.28	.43	.72	.77	.79	.81	.82	.83	.83	.83	.83
July 7	.22	.36	.42	.42	.42	.60	.62	.62	.62	.62	.62
July 11	.36	.48	.55	.64	.70	.70	.70	.70	.70	.70	.70
Aug. 11	.38	.58	.73	.79	.89	.92	.94	.94	.94	.94	.99
Aug. 15	.28	.40	.62	.65	.75	.78	1.01	1.25	1.35	1.47	1.56
Sandusky, Ohio:											
June 15	.25	.39	.49	.59	.78	1.11	1.37	1.75	1.83	2.13	2.35
June 28	.23	.43	.53	.55	.55	.55	.55	.56	.56	.56	.56
June 30	.31	.46	.54	.60	.76	.80	.80	.80	.80	.80	.80
July 7	.43	.60	.70	.70	.70	.70	.70	.70	.70	.70	.70
July 7	.30	.54	.88	1.24	1.47	1.53	1.54	1.94	2.01	2.01	2.01
July 10	.23	.47	.70	1.07	1.26	1.30	1.52	1.53	1.53	1.53	1.53
July 28	.28	.29	.30	.30	.30	.30	.30	.30	.30	.30	.30
July 30	.30	.44	.76	.79	.80	.80	.80	.80	.80	.80	.80
Aug. 11	.23	.36	.45	.52	.53	.53	.54	.54	.54	.81	.89
Aug. 15	.25	.41	.45	.46	.49	.55	.61	.76	.94	1.01	1.10
Toledo, Ohio:											
May 31	.23	.29	.47	.73	.99	1.16	1.31	1.35	1.62	1.94	2.08
Aug. 25	.18	.31	.45	.48	.50	.52	.62	.69	.72	.75	.76
Sept. 3	.23	.37	.63	.78	.88	.98	.99	1.04	1.09	1.11	1.16
Fort Wayne, Ind.:											
June 29	.16	.23	.40	.45	.45	.45	.45	.45	.45	.45	.45
Aug. 15	.25	.38	.62	.65	.69	.76	.76	.77	.77	.77	.77
Oct. 4	.22	.34	.52	.60	.64	.65	.65	.65	.66	.66	.66
Oct. 6	.19	.29	.41	.47	.67	.74	.88	.90	.91	.96	1.00
Detroit, Mich.:											
June 7	.25	.36	.42	.43	.44	.46	.47	.48	.49	.50	.50
July 10	.27	.29	.32	.32	.56	.60	.60	.60	.60	.60	.60
July 28	.15	.30	.47	.47	.47	.47	.47	.47	.47	.47	.47
Aug. 11	.32	.49	.58	.58	.58	.59	.59	.61	.86	.89	.91
Aug. 25	.19	.33	.52	.52	.66	.66	.66	.67	.67	.67	.67
Sept. 16	.24	.34	.38	.39	.39	.39	.39	.39	.39	.39	.39
UPPER LAKE REGION											
Alpena, Mich.:											
June 7	.21	.36	.38	.38	.39	.39	.39	.39	.39	.39	.39
July 29	.18	.30	.52	.57	.59	.60	.61	.61	.61	.61	.61
Aug. 31	.33	.52	.57	.72	.83	.87	.90	1.37	1.45	1.47	1.62
Sept. 4	.25	.43	.68	.70	.73	.90	.95	.97	.98	.98	.98

TABLE 14.—*Maximum precipitation for stated intervals during 1941 at all stations furnished with self-registering gages—Continued*

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
UPPER LAKE REGION—con.											
Escanaba, Mich.:											
June 30	.20	.36	.41	.44	.44	.44	.44	.44	.44	.44	.44
July 29	.34	.45	.49	.49	.49	.51	.58	.62	.64	.69	.70
Grand Rapids, Mich.:											
May 6	.15	.28	.37	.57	.66	.77	.82	.90	.94	.96	.98
May 14	.27	.37	.46	.49	.51	.52	.54	.55	.55	.55	.55
May 22	.26	.30	.32	.33	.36	.41	.41	.41	.42	.44	.45
June 13	.26	.36	.41	.42	.43	.43	.44	.46	.47	.47	.47
June 27	.21	.35	.43	.43	.44	.56	.56	.56	.58	.66	.66
July 7	.25	.43	.56	.80	1.13	1.17	1.25	1.25	1.25	1.25	1.25
July 10	.30	.55	.98	1.14	1.15	1.17	1.18	1.19	1.19	1.19	1.19
July 22	.27	.50	.66	.67	.68	.68	.68	.68	.68	.68	.68
Aug. 11	.20	.33	.60	.66	.69	.71	.74	.76	.78	1.12	1.17
Aug. 14–15	.16	.30	.36	.55	.58	.60	.63	.65	.67	.74	.80
Lansing, Mich.:											
Oct. 4–5	.48	.85	1.15	1.31	1.50	1.59	1.81	1.90	2.01	2.09	2.17
Marquette, Mich.:											
May 26	.29	.48	.82	.98	1.20	1.22	1.29	1.34	1.38	1.38	1.38
Aug. 29	.25	.37	.70	.87	.93	.95	.96	.98	1.00	1.00	1.10
Sault Ste. Marie, Mich.:											
July 1	.22	.34	.55	.55	.55	.55	.55	.55	.55	.55	.55
July 29	.40	.64	.94	1.08	1.09	1.09	1.09	1.09	1.24	1.25	1.26
Aug. 25	.42	.57	.82	.93	.98	1.37	1.54	1.58	1.58	1.58	1.58
Chicago University, Ill.:											
May 15	.16	.25	.44	.47	.50	.51	.52	.53	.53	.54	.55
Aug. 14–15	.25	.49	.64	.65	.85	.85	.85	.86	.86	.86	.86
Aug. 30	.27	.30	.35	.39	.40	.40	.41	.41	.41	.41	.41
Sept. 3	.50	.70	.83	.84	.97	.98	.98	.98	.98	.98	1.35
Sept. 9	.35	.39	.48	.67	.70	.71	.71	.82	.88	.91	.92
Oct. 22	.17	.32	.43	.56	.85	.95	1.00	1.00	1.01	1.03	1.05
Green Bay, Wis.:											
Aug. 11	.31	.43	.58	.71	.85	.86	.89	.90	.93	.93	.93
Aug. 30	.20	.33	.35	.36	.36	.36	.37	.40	.40	.40	.64
Milwaukee, Wis.:											
May 15	.52	.86	1.01	1.04	1.05	1.06	1.06	1.07	1.07	1.07	1.07
June 22	.21	.34	.51	.79	.97	1.35	1.46	1.47	1.47	1.48	1.49
July 10	.45	.70	.78	.84	.86	.86	.91	.93	.93	.93	.93
July 15	.20	.36	.44	.45	.46	.46	.46	.46	.46	.46	.46
Sept. 3	.21	.31	.45	.49	.50	.51	.52	.53	.54	.54	.54
Sept. 8	.33	.48	.56	.61	.64	.65	.65	.82	.88	.90	.91
Sept. 8	.48	.61	.85	.94	1.04	1.05	1.06	1.07	1.08	1.12	1.19
Duluth, Minn.:											
July 9	.34	.57	.63	.63	.63	.63	.63	.63	.63	.63	.63
July 15	.48	.85	.89	.90	.90	.90	.90	.90	.90	.90	.90
Aug. 11	.30	.39	.62	.69	.74	.82	.88	.92	.95	.95	.95
Aug. 25	.17	.32	.40	.42	.43	.43	.44	.46	.48	.50	.51
Aug. 29	.38	.47	.86	1.04	1.51	1.69	1.78	1.82	1.87	1.89	1.89
Sept. 14	.28	.50	.74	.91	1.14	1.25	1.41	1.70	1.80	2.20	2.30
NORTH DAKOTA SECTION											
Bismarck, N. Dak.:											
July 5	.25	.31	.40	.41	.58	.59	.59	.59	.59	.59	.59
July 9–10	.23	.35	.40	.40	.40	.43	.57	.57	.57	.57	.57
Aug 9	.19	.35	.61	.70	.76	.77	.79	.81	.81	.83	.98
Devils Lake, N. Dak.:											
June 19–20	.34	.46	.50	.52	.54	.54	.54	.63	.63	.64	.64
June 26	.23	.31	.33	.33	.34	.34	.34	.34	.34	.34	.34
Sept. 3	.37	.61	1.09	1.39	1.60	1.73	1.73	1.73	1.73	1.74	1.75
Sept. 3	.37	.55	.68	.82	1.00	1.11	1.15	1.18	1.18	1.75	2.10
Sept. 3–4	.36	.43	.45	.46	.46	.46	.47	.47	.47	.47	.47
Sept. 15	.27	.49	.68	.71	.81	.91	.92	.92	.92	.93	1.03
Williston, N. Dak.:											
June 19	.34	.44	.47	.49	.50	.54	.56	.56	.56	.56	.56
June 27	.22	.29	.39	.43	.44	.44	.63	.68	.68	.68	.69
Aug. 30	.33	.47	.57	.60	.63	.67	.70	.75	.79	.81	.86
Moorhead, Minn.:											
April 12	.25	.39	.51	.55	.55	.55	.55	.55	.55	.55	.55
May 25	.27	.43	.57	.57	.58	.58	.58	.58	.58	.58	.58
July 6	.36	.49	.70	.93	.94	.95	.95	.96	.96	.96	.96
Aug. 10	.19	.32	.60	.70	.91	1.02	1.14	1.41	1.51	1.52	1.54
Sept. 13	.27	.32	.35	.37	.37	.37	.39	.40	.40	.41	.41
UPPER MISSISSIPPI VALLEY											
Minneapolis, Minn.:											
May 28	.21	.31	.47	.56	.77	.91	.95	1.05	1.07	1.10	1.10
Aug. 4	.44	.76	1.09	1.41	1.74	2.22	2.46	2.48	2.49	2.54	2.60
Sept. 4	.19	.32	.47	.51	.55	.55	.55	.55	.55	.55	.55
Oct. 6	.38	.74	1.25	1.34	1.39	1.40	1.46	1.52	1.58	1.61	1.62
La Crosse, Wis.:											
April 17	.42	.62	.71	.76	.82	.85	.86	.90	.96	.99	1.03
May 14	.20	.33	.45	.49	.53	.54	.56	.57	.57	.57	.57
May 15	.26	.44	.60	.68	.97	.98	1.05	1.08	1.14	1.14	1.15
May 26	.28	.46	.50	.53	.53	.53	.53	.54	.54	.64	.64
June 26	.34	.51	.55	.58	.58	.58	.58	.67	.68	.68	.68
June 27	.20	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32
June 29	.25	.45	.60	.62	.65	.67	.68	.68	.68	.68	.68
July 17	.36	.53	.83	1.02	1.16	1.30	1.32	1.47	1.49	1.49	1.49
Aug. 4	.17	.32	.48	.53	.56	.57	.57	.58	.58	.58	.58
Sept. 7	.22	.28	.41	.56	.77	.99	1.12	1.28	1.36	1.45	1.54
Sept. 15	.23	.36	.39	.47	.49	.50	.52	.53	.57	.88	.99
Oct. 6	.24	.34	.55	.77	1.15	1.37	1.50	1.55	1.60	1.64	1.70
Madison, Wis.:											
May 22	.28	.49	.53	.55	.56	.58	.59	.66	.69	.70	.70
May 26	.22	.34	.55	.69	.69	.69	.70	.77	.77	.81	.82
May 28	.20	.36	.56	.68	.86	.92	.95	.98	1.15	1.15	1.25
July 29	.17	.30	.46	.61	.62	.66	.66	.66	.66	.66	.66
Aug. 10–11	.18	.27	.36	.46	.48	.80	.86	.89	.90	.90	.90
Sept. 4	.28	.30	.34	.36	.36	.36	.36	.36	.36	.36	.36
Sept. 7	.32	.56	.81	1.01	1.23	1.38	1.44	1.53	1.53	1.54	1.58
Sept. 30	.17	.29	.41	.49	.58	.66	.73	.82	.87	.91	.97
UPPER MISSISSIPPI VALLEY—con.											
Charles City, Iowa:											
May 26	.20	.38	.41	.45	.54	.56	.63	.95	1.07	1.22	1.32
May 27	.26	.41	.70	.79	.83	.87	.92	.92	.93	.94	.94
May 29	.24	.33	.34	.43	.60	.69	.80	.88	.96	1.04	1.14
June 29	.28	.44	.49	.51	.54	.56	.60	.68	.77	.85	.85
July 17	.45	.72	.89	.90	.91	.91	.91	.92	.92	.92	.92
Aug. 10	.22	.33	.37	.38	.39	.39	.39	.39	.39	.39	.39
Sept 7–8	.28	.54	.80	.88	.96	1.04	1.13	1.28	1.34	1.63	1.94
Oct. 6	.23	.34	.42	.51	.73	.90	1.03	1.07	1.14	1.22	1.23
Davenport, Iowa:											
June 28	.28	.51	.76	.78	.79	.79	.79	.79	.79	.79	.79
June 29	.26	.39	.54	.80	.91	.91	.92	.92	.92	.92	.92
June 29	.46	.71	1.16	1.30	1.32	1.32	1.34	1.35	1.35	1.36	1.36
July 10	.26	.44	.53	.56	.57	.58	.61	.66	.68	.70	.70
Sept. 7	.27	.32	.45	.52	.65	.67	.69	.73	.73	.74	.74
Oct. 14	.26	.45	.57	.60	.65	.68	.72	.72	.73	.73	.73
Des Moines, Iowa:											
June 2	.29	.49	.58	.59	.59	.59	.59	.59	.59	.59	.59
June 30	.19	.34	.46	.50	.52	.53	.54	.54	.54	.54	.56
July 10	.23	.45	.64	.68	.70	.74	.77	.79	.80	.80	.80
July 26	.29	.31	.58	.62	.62	.72	.72	.73	.74	.74	.74
Sept. 3	.19	.37	.66	.81	.98	1.00	1.00	1.01	1.42	1.62	1.70
Sept. 7	.17	.31	.33	.34	.35	.35	.35	.35	.35	.35	.35
Oct. 6	.34	.42	.49	.58	.62	.63	.64	.64	.64	.64	.64
Oct. 6	.33	.44	.45	.49	.55	.57	.61	.63	.70	.72	.72
Dubuque, Iowa:											
April 17	.49	.78	1.06	1.10	1.26	1.43	1.51	1.59	1.64	1.66	1.66
May 22	.17	.29	.48	.52	.54	.56	.57	.63	.66	.66	.66
June 11	.15	.25	.40	.54	.68	.76	.89	.95	.96	.97	.97
June 11	.15	.28	.41	.41	.42	.48	.55	.56	.57	.57	.57
July 17	.25	.31	.39	.41	.44	.44	.44	.45	.45	.45	.45
Aug. 30	.25	.34	.34	.35	.35	.35	.35	.35	.35	.35	.35
Sept. 4	.41	.58	.62	.63	.66	.67	.68	.68	.68	.74	.80
Sept. 7	.19	.31	.63	.81	.96	1.03	1.06	1.08	1.14	1.22	1.38
Sept. 8	.24	.37	.45	.51	.52	.52	.52	.52	.52	.52	.52
Oct. 13	.37	.49	.57	.59	.60	.60	.60	.60	.60	.60	.60
Keokuk, Iowa:											
May 16	.25	.43	.51	.52	.52	.52	.52	.52	.52	.52	.52
June 9	.22	.31	.39	.42	.45	.55	.66	.70	.72	.95	1.00
June 9	.29	.44	.54	.57	.62	.66	.68	.71	.71	.71	.71
July 10	.25	.39	.47	.49	.50	.50	.51	.51	.54	.54	.55
Sept. 7	.21	.35	.44	.49	.65	.71	.77	.81	.84	.90	.93
Oct. 2	.28	.42	.63	.68	.72	.74	.78	.84	.88	1.12	1.27
Oct. 6	.32	.46	.63	.67	.81	.84	.95	1.02	1.19	1.40	1.55
Oct. 9	.22	.35	.38	.40	.66	.68	.70	.71	.74	.79	.87
Cairo, Ill.:											
April 19	.23	.39	.47	.51	.55	.58	.60	.61	.64	.68	.69
July 3	.24	.42	.65	.81	.90	.93	.94	.95	.96	.96	.96
July 4	.18	.34	.58	.75	.89	.96	1.01	1.06	1.08	1.12	1.19
Aug. 7	.18	.27	.42	.52	.53	.53	.53	.54	.54	.94	.98
Aug. 18	.30	.43	.46	.49	.52	.54	.81	.87	.90	1.03	1.12
Aug. 27	.18	.35	.52	.58	.61	.65	.67	.71	.73	.78	.81
Oct. 4	.35	.64	.93	1.21	1.65	1.73	1.79	1.89	1.96	1.96	1.96
Peoria, Ill.:											
May 16	.44	.67	.76	.76	.78	.78	.79	.79	.79	.79	.79
July 23	.19	.32	.56	.81	.92	.95	1.08	1.09	1.10	1.10	1.10
Oct. 2	.25	.46	.64	.69	.80	1.07	1.08	1.10	1.10	1.10	1.10
Oct. 6	.40	.55	.68	.85	.94	.95	1.45	1.46	1.48	1.72	1.74
Springfield, Ill.:											
April 19	.36	.54	.59	.61	.75	.81	.86	.89	.94	.98	1.00
May 14	.31	.49	.52	.54	.77	.78	.81	.82	.84	.84	.84
June 9	.19	.34	.51	.53	.56	.58	.59	.60	.61	.62	.62
July 3	.16	.25	.33	.53	.61	.64	.72	.75	.79	.90	.96
Sept. 4	.25	.44	.62	.81	.93	.93	.93	.93	.93	.93	.93
Sept. 9	.37	.54	.60	.61	.62	.62	.67	.71	.72	.72	.72
Oct. 2	.16	.25	.46	.52	.58	.62	.66	.69	.71	.78	.85
Oct. 4–5	.21	.36	.47	.55	.72	.78	.98	1.42	1.50	1.51	1.74
Oct. 6	.42	.55	.68	.69	.72	.72	.72	.93	.94	.94	1.12
St. Louis, Mo.:											
June 28	.34	.51	.70	.76	.76	.76	.76	.76	.76	.78	.78
July 9	.22	.32	.33	.33	.34	.34	.35	.35	.35	.35	.37
July 31	.39	.46	.52	.53	.53	.54	.54	.54	.54	.54	.54
Aug. 5	.40	.65	.96	1.22	1.40	1.42	1.42	1.43	1.43	1.43	1.43
Oct. 22	.25	.43	.63	.65	.65	.66	.66	.66	.70	.76	.76
MISSOURI VALLEY											
Columbia, Mo.:											
April 19	.26	.42	.49	.53	.57	.62	.64	.66	.71	.79	.85
May 5	.21	.32	.34	.34	.34	.34	.35	.36	.36	.36	.36
May 30	.46	.80	1.19	1.51	1.72	2.10	2.20	2.23	2.28	2.28	2.28
June 8	.19	.37	.53	.59	.63	.67	.70	.75	.75	.75	.75
June 27	.29	.38	.40	.40	.40	.40	.40	.40	.40	.42	.42
July 2	.20	.27	.41	.49	.67	.82	1.01	1.13	1.35	1.78	1.95
July 10	.30	.42	.67	.84	1.01	1.01	1.09	1.09	1.10	1.19	1.23
Aug. 25–26	.30	.46	.64	.68	.71	.74	.82	.86	.88	.99	.99
Sept. 8	.33	.52	.76	.79	.82	.85	.86	.87	.88	.89	.89
Oct. 3	.28	.51	.84	1.00	1.16	1.29	1.32	1.33	1.33	1.33	1.33
Oct. 9	.25	.30	.33	.40	.44	.45	.51	.70	.72	.83	.87
Oct. 26	.32	.40	.47	.49	.49	.49	.49	.49	.49	.49	.49
Kansas City, Mo.:											
May 21	.22	.34	.35	.35	.40	.40	.40	.40	.40	.40	.50
May 30	.20	.30	.40	.43	.43	.43	.55	.74	.74	.74	.74
June 8	.46	.66	.76	.80	.82	.86	.89	.93	.94	1.04	1.12
June 9	.28	.49	.77	.84	.89	.95	1.29	1.70	1.82	1.92	1.95
June 27	.31	.53	.78	.79	1.13	1.35	1.44	1.59	1.65	1.70	1.83
July 15	.22	.32	.39	.39	.42	.45	.45	.45	.45	.46	.46
Aug. 11	.15	.25	.44	.46	.46	.48	.57	.64	.76	.82	.86
Aug. 25	.34	.64	1.00	1.11	1.19	1.24	1.25	1.27	1.29	1.34	1.34
Sept. 1	.25	.30	.38	.38	.66	.74	.75	.75	.75	.75	.75
Sept. 16	.21	.39	.44	.55	.57	.58	.64	.66	.67	.68	.69

See footnotes at end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1941 at all stations furnished with self-registering gages—Continued*

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
MISSOURI VALLEY—continued											
Kansas City, Mo.:—continued											
Oct. 2	.23	.33	.39	.42	.45	.51	.66	.82	.91	.97	1.04
Oct. 6	.24	.44	.62	.68	.71	.72	.72	.73	.73	.73	.73
Oct. 6	.53	.80	.17	1.25	1.39	1.43	1.43	1.44	1.44	1.44	.146
Oct. 9	.29	.42	.49	.76	.89	1.01	1.16	1.21	1.22	1.30	1.42
Oct. 20	.24	.46	.63	.65	.66	.67	.67	.67	.67	.67	.67
St. Joseph, Mo.:											
April 17	.45	.65	.96	1.33	1.58	1.69	1.78	1.98	2.11	2.27	2.35
April 18	.24	.41	.58	.63	.69	.73	.78	.80	.80	.82	.83
June 9	.36	.50	.85	1.16	1.70	2.20	2.35	2.42	2.45	2.54	2.81
June 9	.42	.50	.59	.68	.73	.75	.75	.75	.77	.77	.77
Sept. 15	.43	.68	1.14	1.58	1.82	1.85	1.86	1.87	1.90	1.91	1.91
Oct. 6	.33	.37	.37	.38	.38	.38	.38	.38	.38	.39	.42
Springfield, Mo.:											
April 17	.19	.33	.43	.54	.58	.58	.60	.60	.60	.63	.64
April 18	.29	.48	.61	.81	1.00	1.06	1.40	1.61	1.68	1.77	1.80
April 19	.22	.34	.51	.62	.67	.69	.85	1.20	1.27	1.28	1.28
May 16	.26	.38	.51	.64	.87	.91	.93	.99	1.00	1.00	1.00
June 23	.28	.48	.88	1.01	1.26	1.33	1.38	1.40	1.45	1.52	1.53
July 3	.22	.34	.52	.72	.97	1.07	1.12	1.13	1.13	1.13	1.13
July 8	.20	.32	.62	.91	1.14	1.34	1.41	1.43	1.44	1.44	1.78
Aug. 26	.18	.31	.46	.52	.57	.65	.90	1.07	1.25	1.30	1.38
Sept. 4	.27	.46	.59	.63	.65	.65	.66	.66	.67	.67	.67
Sept. 9	.24	.36	.38	.38	.39	.40	.43	.46	.48	.48	.51
Sept. 17	.33	.57	.83	.92	.95	.96	.96	.96	.96	.96	.96
Oct. 4	.37	.56	.70	.83	.90	1.07	1.11	1.12	1.12	1.36	1.48
Topeka, Kans.:											
May 3	.46	.64	.69	.69	.69	.70	.70	.70	.70	.84	.85
May 31	.34	.54	.60	.60	.61	.64	.65	.66	.66	.66	.66
June 8	.24	.47	.52	.53	.53	.54	.57	.64	.66	.71	.88
June 9	.31	.50	.77	1.02	1.37	1.48	1.51	1.52	1.53	1.53	1.55
June 27	.24	.44	.55	.66	.75	.81	.83	.84	.85	.86	.86
Aug. 11	.28	.55	.90	1.23	1.41	1.47	1.51	1.58	1.69	1.77	1.82
Aug. 25	.19	.25	.39	.51	.55	.57	.72	.74	.75	.78	.79
Sept. 1	.28	.50	.67	.85	.89	.89	.92	.92	.93	.93	.93
Oct. 2	.23	.36	.58	.81	.93	.97	1.02	1.17	1.22	1.24	1.32
Oct. 6	.55	.65	.65	.65	.65	.62	.89	.89	1.02	1.04	1.05
Oct. 14	.32	.53	.57	.59	.60	.61	.65	.69	.72	.72	.73
Oct. 19–20	.19	.35	.48	.59	.73	.82	.87	.97	1.01	1.16	1.30
Dec. 22	.22	.34	.50	.58	.66	.69	.70	.72	.72	.72	.73
Lincoln, Nebr.:											
April 18	.34	.37	.40	.46	.64	.67	.67	.67	.67	.69	.69
May 22	.25	.38	.51	.86	.98	1.02	1.06	1.11	1.19	1.25	1.25
June 27	.25	.46	.82	.99	1.01	1.02	1.02	1.02	1.02	1.02	1.02
Sept. 3	.15	.23	.45	.53	.59	.72	.85	.87	.88	.89	.89
Oct. 21–22	.41	.60	.65	.72	.76	.79	.82	.84	.84	.85	.85
Omaha, Nebr.:											
June 2	.29	.55	.87	.92	.96	.97	1.04	1.07	1.09	1.14	1.22
July 21	.25	.43	.61	.75	.78	.79	.80	.81	.81	.81	.81
July 26	.20	.40	.69	.87	1.04	1.05	1.05	1.05	1.08	1.09	1.09
Sept. 6	.28	.35	.49	.56	.59	.79	.96	.96	.97	.98	.98
Sept. 15	.38	.57	.78	.90	.99	1.01	1.02	1.02	1.02	1.02	1.02
Oct. 21–22	.21	.31	.40	.45	.53	.62	.71	.78	.82	.87	.88
Valentine, Nebr.:											
June 27	.45	.70	.88	1.14	1.21	122	1.23	1.23	1.26	1.27	1.29
July 4	.29	.50	.85	1.04	1.32	1.42	1.45	1.47	1.49	1.52	1.52
Aug. 7	.24	.42	.68	.89	1.13	1.25	1.33	1.37	1.37	1.41	1.43
Aug. 27	.14	.24	.38	.50	.59	.70	.79	.86	.94	.99	.99
Sept. 7	.23	.41	.57	.61	.63	.63	.63	.63	.63	.69	.69
Sioux City, Iowa:											
April 13	.29	.39	.39	.42	.42	.42	.42	.44	.46	.46	.46
May 19	.22	.43	.58	.61	.72	.80	.83	.86	.88	.91	.91
June 10–11	.18	.29	.44	.51	.67	.94	1.07	1.13	1.18	1.24	1.27
June 21	.35	.57	.97	1.32	1.51	1.56	1.58	1.58	1.62	1.70	1.80
June 26	.31	.42	.72	.73	.73	.73	.73	.73	.73	.73	.73
July 10	.39	.56	.62	.62	.62	.62	.62	.63	.65	.65	.66
July 14	.23	.38	.40	.41	.41	.42	.42	.42	.42	.42	.42
Sept. 8	.35	.49	.61	.66	.99	1.14	1.63	1.78	1.81	1.83	1.83
Sept. 13	.25	.45	.71	.92	1.04	1.14	1.38	1.62	1.81	1.83	1.84
Sept. 15	.60	.86	1.23	1.30	1.33	1.35	1.43	1.50	1.57	1.59	1.69
Huron, S. Dak.:											
Aug. 24	.31	.46	.59	.60	.60	.60	.60	.62	.62	.62	.62
Sept. 14	.19	.28	.41	.43	.45	.48	.52	.52	.53	.53	.53
Oct. 26	.10	.19	.33	.47	.67	.84	1.00	1.10	1.19	1.28	1.41
NORTHERN SLOPE											
Rapid City, S. Dak.:											
June 5	.18	.31	.40	.45	.52	.57	.67	.75	.80	.84	.85
Aug. 27	.29	.47	.53	.56	.62	.67	.75	.78	.79	.80	.80
North Platte, Nebr.:											
June 21	.19	.28	.42	.47	.49	.52	.52	.53	.56	.57	.58
Lander, Wyo.:											
July 1	.41	.60	.76	.76	.76	.76	.77	.77	.77	.77	.79
Aug. 18	.52	.78	1.01	1.03	1.04	1.04	1.04	1.04	1.04	1.08	1.09
Sheridan, Wyo.:											
July 12	.46	.71	.76	.77	.79	.80	.81	.81	.81	.81	.81
Billings, Mont.:											
June 28	.32	.54	.69	.74	.80	.83	.86	.87	.88	.88	.88
Helena, Mont.:											
July 7	.25	.31	.32	.32	.33	.33	.33	.51	.51	.52	.52
July 27	.25	.34	.41	.43	.46	.46	.47	.47	.47	.48	.48
Miles City, Mont.:											
Aug. 17	.20	.36	.52	.56	.57	.57	.57	.57	.57	.57	.57
Aug. 29	.18	.29	.55	.61	.62	.62	.62	.62	.62	.62	.62

See footnotes at end of table.

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
MIDDLE SLOPE											
Denver, Colo.:											
July 1	.41	.60	.70	.71	.72	.72	.72	.72	.72	.72	.72
July 20	.22	.27	.45	.51	.56	.56	.56	.56	.56	.56	.56
Aug. 12	.23	.40	.65	.66	.67	.67	.68	.70	.72	.77	.77
Pueblo, Colo.:											
June 1	.39	.60	.87	1.09	1.21	1.25	1.26	1.26	1.26	1.29	1.29
Aug. 11	.28	.55	.72	1.04	1.37	1.48	1.56	1.64	1.70	2.13	2.28
Aug 27	.32	.39	.41	.42	.42	.42	.42	.42	.42	.42	.42
Concordia, Kans.:											
June 2	.37	.67	1.27	1.54	1.65	1.67	1.73	1.79	1.81	1.83	1.89
June 8	.34	.50	.55	.60	.94	.99	1.99	1.00	1.00	1.00	1.00
Aug. 23	.30	.59	1.10	1.52	1.84	1.96	2.08	2.14	2.19	2.22	2.28
Oct. 4	.31	.36	.39	.42	.44	.47	.49	.53	.54	.54	.54
Oct. 6	.32	.41	.55	.70	.72	.78	.90	.95	.96	.96	.96
Oct. 8	.23	.34	.43	.46	.59	.65	.69	1.05	1.07	1.08	1.08
Oct. 9	.20	.32	.50	.62	.69	.72	.76	.80	.85	.87	.87
Dodge City, Kans.:											
April 30	.22	.29	.40	.43	.49	.56	.58	.58	.59	.60	.61
June 8	.29	.41	.50	.58	.78	.90	.91	.91	.91	1.16	1.16
June 9	.30	.53	.72	.78	.87	.96	1.07	1.16	1.26	1.32	1.32
June 27	.22	.36	.51	.69	.72	.77	.92	1.27	1.50	1.54	1.56
July 25	.32	.55	.86	1.00	1.12	1.15	1.20	1.27	1.44	1.58	1.98
Aug. 21	.30	.47	.70	.89	.96	1.01	1.03	1.09	1.12	1.22	1.29
Oct. 21	.37	.59	.66	.69	.72	.76	.84	.89	.94	1.03	1.16
Wichita, Kans.:											
June 1	.19	.33	.65	.97	1.33	1.63	1.81	1.94	1.96	2.06	2.07
June 8	.18	.33	.67	.85	1.05	1.08	1.10	1.14	1.15	1.18	1.19
June 27	.25	.44	.82	1.05	1.15	1.22	1.23	1.24	1.25	1.26	1.26
July 10	.37	.69	1.20	1.34	1.44	1.45	1.47	1.47	1.48	1.48	1.48
Aug. 26	.21	.37	.54	.61	.67	.69	.71	.71	.72	.73	.73
Oct. 6	.13	.29	.44	.49	.49	.49	.49	.49	.49	.49	.49
Oct. 14	.26	.35	.36	.36	.36	.36	.36	.36	.36	.36	.36
Oct. 22	.16	.31	.44	.54	.59	.61	.62	.63	.63	.63	.63
Oklahoma City, Okla.:											
April 18	.42	.65	.92	1.11	1.35	1.35	1.46	1.78	2.11	2.14	2.15
June 1	.22	.41	.76	.96	1.23	1.28	1.46	1.49	1.51	1.52	1.53
June 6	.51	.78	1.04	1.27	1.45	1.57	1.67	1.75	1.76	1.79	1.86
Sept. 8	.23	.38	.60	.91	1.09	1.21	1.53	1.63	1.69	1.75	1.86
Oct. 14–15	.24	.48	.72	.93	1.15	1.27	1.48	1.56	1.67	2.00	2.09
Oct. 23	.40	.49	.65	.70	.71	.71	.71	.71	.71	.71	.71
SOUTHERN SLOPE											
Abilene, Tex.:											
May 2	.49	.91	1.34	1.54	1.68	1.73	1.83	1.92	2.00	2.08	2.13
May 9	.37	.62	.93	1.04	1.14	1.16	1.18	1.19	1.20	1.20	1.20
May 20	.24	.45	.86	1.06	1.30	1.45	1.57	1.83	1.86	1.88	1.88
June 10	.34	.55	.80	.98	1.25	1.39	1.68	1.86	1.99	2.13	2.41
July 1	.43	.83	1.40	1.45	1.47	1.48	1.50	1.52	1.53	1.54	1.55
July 10	.60	.90	1.30	1.61	1.68	1.71	1.73	1.74	1.74	1.74	1.74
Aug. 21	.43	.63	.94	1.08	1.12	1.14	1.17	1.19	1.19	1.20	1.20
Aug. 22	.31	.58	.95	1.40	1.77	2.01	2.23	2.33	2.37	2.45	2.46
Amarillo, Tex.:											
June 5	.32	.52	.65	.70	.75	.81	.85	.97	1.00	1.01	1.03
Aug. 21	.29	.53	.71	.83	.92	.96	.97	1.01	1.03	1.04	1.04
Sept. 13	.16	.28	.42	.44	.44	.44	.44	.44	.44	.44	.44
Sept. 28	.15	.21	.38	.45	.61	.77	.94	1.18	1.29	1.38	1.52
Oct. 3	.22	.35	.49	.54	.66	.83	1.11	1.39	1.57	1.72	1.76
Del Rio, Tex.:											
July 10–11	.52	.86	1.35	1.72	1.94	2.02	2.04	2.04	2.07	2.35	2.36
Oct. 24	.39	.72	1.32	1.95	2.60	3.00	3.64	4.24	4.85	5.07	5.15
Roswell, N. Mex.:											
April 26	.19	.32	.55	.67	.86	.99	1.09	1.16	1.19	1.27	1.33
April 28	.26	.43	.60	.70	.78	.80	.81	.81	.81	.81	.81
May 20	.42	.46	.53	.53	.53	.53	.53	.53	.53	.53	.53
July 13–14	.21	.39	.67	.80	.89	.93	.98	1.02	1.06	1.12	1.16
July 21	.19	.31	.54	.56	.57	.57	.57	.62	.62	.72	.92
Sept. 13	.14	.24	.42	.48	.50	.51	.53	.54	.54	.54	.54
SOUTHERN PLATEAU											
El Paso, Tex.:											
July 14	.19	.35	.69	.79	.82	.87	.93	.93	.95	.98	.99
Aug. 13	.19	.30	.46	.66	.97	1.19	1.26	1.26	1.26	1.27	1.34
Sept. 21	.40	.74	.84	.87	.88	.88	.91	.91	1.30	1.45	1.55
Albuquerque, N. Mex.:											
July 11	.25	.50	.80	.86	.88	.88	.90	.91	.98	.98	.98
July 20	.15	.27	.41	.44	.48	.49	.49	.49	.49	.49	.49
Phoenix, Ariz.:											
March 4	.26	.41	.44	.45	.50	.53	.58	.63	.77	.88	1.00
March 12	.21	.35	.43	.46	.54	.61	.63	.63	.63	.63	.63
MIDDLE PLATEAU											
Winnemucca, Nev.:											
May 25	.16	.31	.39	.39	.40	.41	.41	.42	.42	.42	.42
NORTHERN PLATEAU											
Pocatello, Idaho:											
July 11	.23	.37	.42	.43	.43	.43	.43	.43	.43	.43	.43
Spokane, Wash.:											
June 6	.30	.47	.62	.68	.92	1.02	1.08	1.08	1.09	1.09	1.09

TABLE 14.—*Maximum precipitation for stated intervals during 1941 at all stations furnished with self-registering gages*—Continued

Stations and dates	Maximum amounts of precipitation, in inches (5 to 180 minutes)										
	5	10	20	30	45	60	80	100	120	150	180
NORTH PACIFIC COAST REGION											
North Head, Wash.:											
Nov 13	.25	.41	.56	.85	.95	1.00	1.06	1.11	1.15	1.20	1.26
Tatoosh Island, Wash.:											
Nov. 3	.15	.29	.50	.59	.92	1.06	1.23	1.31	1.42	1.54	1.69
Portland, Oreg.:											
May 11	.24	.30	.32	.33	.33	.33	.33	.33	.33	.33	.33
Sept. 12	.21	.33	.41	.44	.46	.47	.49	.49	.50	.51	.54
MIDDLE PACIFIC COAST REGION											
Eureka, Calif.:											
Nov. 15	.14	.28	.54	.74	.95	1.04	1.08	1.14	1.22	1.31	1.40
Redding, Calif.:											
April 9	.16	.28	.46	.55	.66	.74	.79	.88	.93	.99	1.04
Oct. 27	.17	.30	.44	.50	.53	.56	.57	.60	.60	.64	.65
Sacramento, Calif.:											
Feb. 28	.21	.39	.53	.62	.68	.69	.70	.76	.78	.79	.79
San Francisco, Calif.:											
Jan. 21	.24	.38	.53	.67	.71	.72	.72	.72	.72	.73	.76
April 4	.26	.40	.54	.63	.69	.72	.78	.84	.92	.97	1.03
SOUTH PACIFIC COAST REGION											
Fresno Calif.:											
Feb. 24	.48	.65	.81	.84	.88	.93	.95	.97	1.00	1.06	1.12
Los Angeles, Calif.:											
Feb. 20	.23	.30	.40	.41	.44	.46	.46	.47	.48	.48	.51
Feb. 21	.21	.29	.41	.46	.66	.70	.72	.73	.74	.74	.76
March 28	.26	.36	.47	.57	.72	.83	.93	.98	1.03	1.06	1.08
San Diego, Calif.:											
Feb. 22	.22	.31	.44	.60	.68	.80	1.03	1.09	1.16	1.17	1.36
March 12	.23	.34	.46	.51	.56	.60	.64	.68	.70	.77	.80
March 31	.22	.28	.32	.37	.40	.45	.50	.56	.64	.72	.75
ISLAND POSSESSIONS											
Honolulu, T. H.:											
Oct. 7	.18	.34	.46	.53	.57	.57	.57	.57	.58	.58	.58
Oct. 22	.15	.28	.40	.44	.47	.50	.51	.55	.59	.64	.69
San Juan, P. R.:											
Oct. 28	.27	.49	.77	.92	.96	.97	.98	.98	1.19	1.22	1.22
Oct. 28	.24	.48	.73	.81	.84	.89	.91	.92	.92	.95	1.04
Nov. 21	.26	.47	.72	.91	1.01	1.04	1.07	1.08	1.09	1.12	1.16

NOTE.—The following stations had no excessive precipitation during the year 1941: New England States, Eastport, Maine, and Concord, N. H.; West Gulf States, San Antonio, Tex.; Northern Slope, Kalispell and Missoula in Mont.; Southern Slope, Yuma, Ariz.; Middle Plateau, Grand Junction, Colo.; Modena and Salt Lake City in Utah, Ely and Reno in Nev.; Northern Plateau, Baker, Oreg., Boise, Idaho, and Walla Walla, Wash.; North Pacific Coast Region, Roseburg, Oreg., and Seattle and Tacoma in Wash., and none in Anchorage, Juneau, Fairbanks, Ketchikan, and Nome, Alaska.

Excessive precipitation data for the years 1931 and 1932 and for 1933 and 1934 appear respectfully, in the 1933–34 and 1934–35 issues of the REPORT OF THE CHIEF OF THE WEATHER BUREAU.

MONTHLY AND ANNUAL EVAPORATION, 1941

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 1941*

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ALABAMA													
Fairhope	1.92	2.13	3.19	4.72	6.50	5.26	5.58	5.97	4.22	3.41	2.30	1.88	47.08
ARIZONA													
Bartlett Dam	3.28	2.91	5.64	6.51	11.47	14.43	15.36	13.42	11.67	7.36	5.87	3.44	101.36
Mesa	2.10	2.35	4.58	6.27	9.65	11.04	11.02	9.13	7.53	4.41	3.50	1.84	73.42
Roosevelt	1.57	1.76	3.92	4.84	7.92	11.75	12.12	10.81	8.69	4.70	2.98	1.76	72.82
Safford	1.73	2.21	4.10	5.63	7.75	9.20	9.47	7.59	6.44	4.04	2.37	1.80	62.33
Sierra Ancha	1.58	1.82	3.67	4.41	7.24	8.76	8.64	7.89	7.17	4.08	3.29	2.22	60.77
University of Arizona (Tucson)	1.69	2.63	4.83	6.64	9.38	12.25	10.90	7.95	7.29	4.37	2.08	1.24	71.25
Yuma (citrus)	2.55	4.12	6.64	8.41	13.21	13.70	15.60	12.60	10.44	7.29	5.52	3.67	103.75
ARKANSAS													
Hope	2.45	2.85	4.64	6.07	6.88	7.14	8.20	8.54	6.22	4.04	2.40	2.02	61.45
Mena (Irons Fork)	.79	.92	2.34	3.70	4.07	3.72	4.27	4.18	3.57	1.56	.70	.58	30.40
Russellville	1.82	1.90	3.30	5.36	6.52	6.98	7.30	6.97	5.80	3.48	1.75	1.39	52.57
Stuttgart	1.19	1.23	2.94	4.47	6.27	6.37	5.78	5.74	5.52	3.27	1.63	1.22	45.63
CALIFORNIA													
Alvorado	1.62	1.95	4.37	4.40	6.78	7.28	7.70	6.74	5.77	3.71	1.36	1.15	52.78
Beaumont	2.62	2.21	4.50	4.10	8.57	8.53	13.65	10.23	9.23	5.69	6.24	2.94	78.51
Boca					6.24	7.92	9.80	8.15	6.59	3.93			
Chula Vista	2.42	3.12	4.73	5.22	7.14	7.11	7.14	6.92	6.09	4.71	3.15	2.44	60.19
Davis	1.09	1.04	3.76	5.01	7.11	8.70	9.30	8.30	6.54	5.65	1.73	1.27	61.50
Fall River Mills		1.06	3.35	4.36	5.99	7.87	11.38	8.77	6.12	3.85	1.12	1.15	
Friant (Government Camp)	1.31	1.58	3.42	4.99	9.91	12.03	14.62	12.19	9.40	5.43	2.38	1.05	78.31
Lodi	.81	1.12	3.40	4.86	8.63	10.41	11.08	8.50	7.31	4.27	1.26	1.22	62.87
Mojave (Bachus Ranch)	2.70	2.35	5.11	6.99	12.83	16.05	18.23	15.88	12.41	6.94	3.88	2.16	105.53
Oakdale	1.02			4.29	8.39	10.89	13.84	10.58	7.78	4.86	1.79	1.54	
Tahoe					2.50	2.88	3.67	3.64	2.94	1.36			
Valley Springs (Camp Pardee)	.89	1.17	2.96	3.88	6.65	9.57	12.10	9.09	7.37	4.31	1.10	.89	59.57
COLORADO													
Conejos Dam					9.61	5.31	5.72	7.11	7.06				
Montrose	1.20	1.19	3.14	4.00	5.94	9.51	9.44	7.53	5.24	2.38	1.58	1.10	52.35
Wagon Wheel Gap					7.32	6.44	6.04	5.88	5.04	2.26			
FLORIDA													
Belle Glade	3.08	3.73	5.50	6.48	8.04	7.36	6.09	6.74	5.63	5.54	3.56	2.60	64.33
Big Cypress	2.74	3.40	4.91	5.95	7.15	6.50	6.38	6.48	5.01	4.97	3.62	2.40	59.51
Hialeah	3.18	3.68	5.32	6.79	8.02	6.54	7.04	6.92	5.44	5.50	3.65	2.74	64.82
Hiawassee Experiment	2.97	3.40	5.20	7.16	9.47	8.18	6.95	7.35	5.62	5.14	3.23	2.47	67.14
Loxhatchee	3.79	3.49	5.21	7.23	8.53	6.74	5.98	7.22	5.94	5.66	3.81	2.97	65.57
Miami (near)						6.23	6.23	7.05	5.32	6.12	4.11	2.51	

See footnotes at end of table.

TABLE 15.—*Monthly and annual evaporation, in inches, at class A stations for 1941*—Continued

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
GEORGIA													
Experiment	2.14	2.32	3.66	5.32	9.64	8.32	6.92	6.25	7.38	5.02	2.89	2.58	62.44
Tifton	2.93	2.45	4.28	6.10	9.29	6.84	6.24	5.81	4.55	3.81	2.92	1.86	57.08
HAWAII													
Pahala	4.22	4.00	6.30	6.57	5.74	7.04	6.68	6.45	4.91	4.80	4.45	6.06	67.22
Wainae	4.45	4.85	7.18	7.19	8.33	8.65	9.15	8.00	7.51	5.60	5.19	4.86	80.96
IDAHO													
Aberdeen				3.84	6.48	6.44	8.02	5.80	4.45				
Arrowrock				3.25	5.05	6.06	9.30	7.36	4.52	2.27			
Lifton				3.35	7.11	7.48	8.15	6.85	5.04	2.19			
Milner Dam				3.98	6.20	7.84	7.49	7.26	5.07	2.75			
Moscow				3.64	3.98	4.53	9.58	5.34	2.66				
ILLINOIS													
Springfield [1]					7.14	7.60	9.01	6.91	6.45	3.48	1.83	1.31	
INDIANA													
Indianapolis				4.55	6.46	5.81	7.90	7.11	5.28				
IOWA													
Ames				4.92	8.62	6.59	8.00	8.31	5.89	2.08			
Cherokee				3.89	7.66	6.87	8.06	8.13	5.51	2.90			
Clarinda				5.44	7.78	7.16	8.22	9.42	6.81	3.64			
Iowa City				4.76	7.32	6.20	7.72	6.72	4.99	2.79			
KANSAS													
Hays				6.31	9.01	10.07	13.16	12.24	11.02	4.45			
Manhatten (Agronomy Farm)				5.97	8.41	8.53	11.92	10.03	8.46	3.98			
Tribune				5.20	7.01	7.94	8.41	8.17	7.28				
KENTUCKY													
Eadsville (Lock No. 21, Cumberland R.)			3.36	4.19	6.06	5.60	5.77	5.24	4.57	2.92			
LOUISIANA													
Hackberry	2.44	2.37	3.43	4.99	6.74	7.56	7.61	9.26	6.84	6.32	3.80	3.24	64.60
MARYLAND													
Beltsville [2]					7.22	5.68	6.27	6.74	6.32	4.37	2.05		
MICHIGAN													
Germfask					5.80	6.78	6.35	5.32	3.30	1.88			
MISSISSIPPI													
Vicksburg	1.90	1.93	3.20	4.81	6.43	6.17	6.52	6.43	4.91	3.76	1.92	1.38	49.36
MISSOURI													
Lakeside	1.04	1.45	2.69	5.29	6.72	6.28	8.24	6.90	4.90	2.14	1.80	1.41	48.96
Washington Univ. (St. Louis)	.49		2.41	4.03	6.20	6.04	7.87	6.67	4.78	2.37	1.23		
MONTANA													
Agricultural College					5.47	6.28	7.97	6.66	3.11	2.91			
Fort Peck				1.94	8.54	8.19	11.01	9.07	4.61	3.18			
Malta					7.26	5.50	7.37	6.49	3.36	3.05			
Sherburne Lake						5.97	8.06	6.15	2.94				
Valier								8.60	4.51				
NEBRASKA													
Bridgeport				2.96	6.43	6.72	7.62	7.49	4.78	2.42			
Keystone Dam					8.39	8.74	8.71	9.21	6.01	2.72			
Lincoln					7.13	7.08	10.93	10.23	6.62	3.21			
NEVADA													
Boulder City	2.35	2.89	6.30	8.30	14.19	16.25	15.37	13.01	11.56	6.43	4.11	2.65	103.41
Lahontan		1.93	5.89	7.55	12.34	12.78	15.74	12.68	10.04	5.73			
Lamoille					6.89	6.10	9.13	6.60	5.09				
Ruby Lake					6.82	8.15	9.97	7.60	6.28				
Rye Patch Dam			5.36	5.31	9.40	10.01	14.81	10.98	8.32	4.63			
NEW JERSEY													
Canoe Brook					5.08	4.49	4.31	5.00	3.69	1.76			
Pleasantville				5.30	7.42	6.45	6.06	6.80	5.83	3.44	1.64	1.77	
Runyon					5.58	5.52	5.35	6.03	5.84	3.40	1.70		
NEW MEXICO													
Agricultural College	2.79	3.60	5.84	8.76	11.09	12.64	10.56	9.18	7.61	5.39	3.12	2.87	83.35
Alamogordo Dam	2.80	3.46	5.76	9.48	9.76	10.49	9.99	10.02	8.42	5.06	3.70	3.30	81.94
Conchas Dam	2.08	3.70	5.60	8.13	9.24	10.19	10.04	11.11	8.62	4.87	3.38	2.95	79.91
Eagle Nest					6.46	6.90	5.87	5.87	5.42	3.61			
Elephant Butte	2.72	3.91	6.98	10.86	14.38	15.37	13.10	12.31	9.65	7.16	4.00	3.54	103.98
El Vado Dam					7.47	6.85	8.74	7.60	6.18	3.70			
Farmington	.75	1.42	3.53	3.44	6.55	6.86	7.16	5.62	4.14	2.40	1.87		
Florida	3.21	3.68	5.42	6.33	10.03	11.87	12.09	7.72	7.72	6.18	3.90		
Jornada	2.31	3.37	5.48	8.46	10.29	12.31	11.49	9.57	7.80	5.31	2.78	2.52	81.69
Lake McMillan	2.69	3.74	6.43	9.78	8.00	9.02	10.57	10.93	7.66	5.23	3.58	3.15	80.78
Las Vegas				6.42	8.50	7.16	6.63	7.62	7.92		2.98		
Navajo				4.57	10.78	9.76	10.19	8.15	7.49	5.38			
Portales	2.39	3.20	5.83	8.74	9.97	9.88	9.79	8.34	6.44	5.19	3.45	2.80	76.02
Roswell No. 2	1.87	2.33	4.80	7.83	8.10	9.39	9.82	7.60	6.15	3.85	3.14		

See footnotes at end of table.

TABLE 15.—*Monthly and annual evaporation, in inches, at class A stations for 1941*—Continued

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
NEW YORK													
Ithaca					4.79	6.03	7.53	5.29	5.47	2.37			
New York University					4.92	6.11		5.68	4.65	3.38	2.96		
Voorheesville					6.41	6.01	7.33	5.81	4.80	2.17			
NORTH CAROLINA													
Chapel Hill	.64	1.09	2.51	4.53	5.74	3.80	4.16		3.74	2.72	.95	.91	
OHIO													
Charles Mill Dam				4.98	6.83	6.24	7.45	7.22	5.42	2.49			
Dayton				4.49	7.13	6.29	7.69	6.69	5.52	2.67			
Ohio State University				4.63	5.50	4.79	5.24	4.65	4.13	2.29			
Senecaville				5.29	6.74	6.48	6.48	6.22	5.34	2.86			
Wooster						7.09	6.72	5.75	5.42				
OKLAHOMA													
Fort Supply Dam[2]					8.63	8.86	11.12	11.08	10.04	4.64	3.02		
Grand River Dam[4]				6.98	8.21			8.21	6.71	3.23	2.35	1.86	
Norman			3.44	4.83	6.17	6.87	8.69	7.80	6.06	3.10	2.04		
Tipton		2.87	4.46	6.36		8.05	10.22	9.68	8.23		3.10		
OREGON													
Corvallis				3.38		4.13		4.76	2.77				
Medford		1.81	3.01	3.79	4.96	5.78	9.12	6.40	4.22	2.20		.50	
Warmspring Reservoir				4.20	6.40	7.36	10.69	8.02	4.55				
Wickiup Dam					4.92	6.21	8.33	5.34	4.10				
PENNSYLVANIA													
Shaver Creek								5.68	4.54	2.85	1.37		
Wallenpaupack					6.42	6.55	6.64	6.15	5.85				
PUERTO RICO													
Mayaguez				5.81	4.98	4.64	3.85	4.18	4.40	4.48	3.48	3.42	
San Juan	5.44	6.42	7.49	8.07	7.58	7.45	7.82	7.46	7.24	7.34	5.44	5.51	83.26
TENNESSEE													
Lock A	.95	1.95	2.62	4.97	7.15	7.01	6.60	6.17	5.74	3.89	1.69	1.38	50.12
TEXAS													
Austin	2.08	1.98	3.50	4.01	6.38	6.89	8.11	8.71	6.07	3.89	2.69	2.05	56.36
Balmorhea	2.10	2.97	5.04	6.95	7.18	7.56	8.20	7.69	4.96	3.64	2.57	2.42	61.28
Dennison Dam	2.38	2.40	4.78	5.98	7.33	6.95	8.98	7.30	7.17	4.07	3.13	2.25	62.72
Dilley	2.71	2.32	3.69	5.80	6.49	7.05	9.40	10.40	7.85	6.10	3.98	2.54	68.33
Fort Stockton	3.07	3.68	6.16	9.53	9.38	11.02	10.91	9.58	7.70	4.92	4.28	4.58	84.81
Grand Falls	3.36	3.63	6.39	10.44	9.77	11.36	11.04	11.12	8.09	6.09	3.64	3.15	88.08
Red Bluff Dam	3.02	4.92	6.49	9.88	10.17	10.44	11.64	11.34	8.19	5.69	3.68	3.27	88.73
Ysleta	2.74	3.55	6.82	9.99	12.29	12.68	11.30	8.97	7.22	5.43	3.16	2.89	87.04
UTAH													
Bear River Game Refuge						9.15	9.85	9.18	6.38				
Moon Lake[5]							5.18	6.33					
Myton			3.72	4.42	9.01	8.41	8.71	7.64	5.69	2.70			
Piute Dam						9.91	9.46	9.04	7.43				
Utah Lake			3.62	4.44	8.80	9.22	9.53	9.31	7.08	3.09	1.46		
VIRGIN ISLANDS													
St. Croix	4.48	4.74	6.68								4.97	5.71	
WASHINGTON													
Beverly (near)				5.45	8.28	9.24	14.71	9.24	5.93	2.91			
Kachess Lake					3.93	4.74	7.44		1.98	1.17			
Othello				5.57	6.18	7.15	13.12	9.00	4.86	2.53			
Quincy (near)				6.29	7.64	8.94	14.84	9.00	5.01	2.86			
Seattle (Maple Leaf)[6]					4.82	4.81			2.15	1.37	.80	.61	
Walla Walla			2.94	4.78	5.05	5.56	10.80	7.51	3.94	1.85			
Wind River				3.77	4.26	4.72	8.00	5.82	2.34	1.30	.76		
WEST VIRGINIA													
Clarksburg					5.39	5.07	5.45	4.97	3.55	1.92			
Wardensville				4.81	6.92	5.12	6.03	6.29	5.43	3.54			
WISCONSIN													
Marshfield					6.26	5.49	6.86	7.03	4.34	2.70			
Trempealeau					8.32	7.58	7.57	7.48	5.73	4.10			

[1] Station established April 19, 1941.
[2] Station established May 6, 1941.
[3] Station established October 1, 1940.
[4] Station established April 1, 1941.
[5] Station established September 15, 1940.
[6] Station established May 1, 1941.

ANNUAL METEOROLOGICAL SUMMARIES, 1941

694523°—46—3

MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR 190 STATIONS FOR 1941

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 monthly comparative readings are made on the two instruments for purpose of check upon the deterioration of either instrument.

Each barometer, before issue to station, is compared with the substandard at Washington, and a certificate-of-correction card furnished showing the several constant corrections that must be applied to the readings of the instrument in order to derive therefrom the actual pressure of the air in standard units at a specified elevation. Each observation as made, therefore, is corrected by the application of the following:

(1) Correction of scale error, capillarity, etc.

(2) Correction to standard gravity, comprising both latitude and altitude terms.

(3) Correction for removal—a correction applied if any change has been made in the elevation of the barometer, to reduce the readings to the elevation adopted in 1900. (However, at a very few stations the elevation of 1900, or the original elevation of a station opened since 1900, has been replaced as the "station elevation" by an actual elevation since established.)

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

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

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

The monthly mean pressures given in the summary are 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 several 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 $\frac{5}{8}$ mile, (3,300 feet); moderate fog, horizontal range of visibility lies within the limits, $\frac{5}{16}$ mile (1,650 feet) to (but not including) $\frac{5}{8}$ mile; thick fog, horizontal visibility lies within the limits, $\frac{1}{5}$ mile (1,000 feet) to (but not including) $\frac{5}{16}$ mile (1,650 feet), and dense fog, horizontal visibility is reduced to less than $\frac{1}{5}$ 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 summaries for the year ended December 31, 1941*

ABILENE, TEX.

Airport [ϕ=32°26′ N.; λ=99°41′ W.] City [ϕ=32°27′ N.; λ=99°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.	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 2)	*In.* (2)	*In.* (1 2)	*In.* (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	28.28	30.12	28.77	27.71	43.2	40.6	52.5	51.2	40.3	38.6	45.7	44.8	58.3	38.5	48.4	75	24	37	36	38	38	37	79	84	61	62	72
February	28.22	30.06	28.60	27.59	42.7	40.2	51.3	50.7	39.7	38.0	44.6	44.0	56.7	38.9	47.8	79	27	36	35	37	37	36	80	84	63	64	73
March	28.21	30.03	28.68	27.79	45.4	42.9	54.1	55.7	42.1	40.2	46.6	47.2	61.3	41.0	51.2	79	28	38	36	39	38	38	77	79	60	56	68
April	28.09	29.88	28.47	27.69	59.1	55.6	69.1	68.6	54.9	52.4	58.9	58.7	74.7	55.3	65.0	88	44	51	49	51	51	51	77	82	57	58	69
May	28.12	29.89	28.39	27.83	66.8	64.1	77.6	77.2	63.2	62.3	67.7	67.6	84.3	63.2	73.8	94	51	61	62	62	63	62	83	91	61	62	74
June	28.13	29.89	28.33	27.89	71.0	68.0	81.7	81.6	67.2	65.8	70.7	70.3	88.4	67.3	77.8	94	58	65	65	66	65	65	83	90	53	58	71
July	28.17	29.93	28.33	27.94	74.4	71.1	87.2	86.2	68.8	68.3	72.8	71.3	93.9	71.5	82.7	100	67	66	67	66	64	66	76	87	51	50	66
August	28.17	29.93	28.33	27.98	74.5	71.2	87.3	85.9	68.7	67.7	73.2	71.9	93.7	71.8	82.8	102	65	66	66	67	66	66	76	84	53	53	66
September	28.14	29.91	28.42	27.85	70.3	66.7	82.2	79.3	66.1	64.5	70.4	69.1	87.3	66.5	76.9	97	52	64	63	65	64	64	81	90	56	62	72
October	28.19	29.97	28.49	27.90	63.8	62.5	71.8	68.8	61.6	61.0	64.6	63.7	76.3	60.4	68.4	89	39	60	60	60	61	60	88	91	69	77	81
November	28.27	30.09	28.68	27.96	48.6	45.1	62.1	55.7	45.5	43.3	52.4	49.6	66.6	44.0	55.3	81	27	42	41	44	44	43	80	87	53	66	71
December	28.22	30.05	28.72	27.64	43.0	40.3	54.3	49.9	39.9	38.2	46.0	43.9	59.4	39.1	49.2	78	24	36	36	37	37	36	78	84	54	63	70
Year	28.18	29.98	28.77	27.59	58.6	55.7	69.3	67.6	54.8	53.4	59.5	58.5	75.1	54.8	64.9	102	24	52	51	53	52	52	80	86	58	61	71

ALBANY, N. Y.

Airport [ϕ=42°45′ N.; λ=73°48′ 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	30.04	30.15	30.54	29.44	17.1	16.0	22.7	19.6	15.9	14.9	20.0	18.0	26.0	10.7	18.4	40	−7	12	11	12	13	12	79	81	63	75	74
February	29.78	29.89	30.24	28.88	22.1	18.7	28.2	25.2	20.3	17.0	24.5	22.7	30.8	16.1	23.4	42	1	15	12	16	16	15	74	75	56	67	68
March	29.82	29.93	30.38	29.26	25.8	23.1	31.9	29.5	23.5	20.9	27.4	26.0	35.9	19.9	27.9	49	1	18	16	18	18	18	71	71	57	62	65
April	29.96	30.06	30.31	29.43	45.1	45.3	61.9	56.5	40.4	41.1	48.6	46.7	65.4	38.9	52.2	93	26	34	36	34	36	35	66	70	36	48	55
May	29.80	29.91	30.10	29.37	53.0	54.4	69.5	64.0	47.9	48.7	54.5	53.0	72.8	45.8	59.3	92	30	42	43	40	43	42	69	66	36	48	55
June	29.83	29.94	30.08	29.57	61.2	63.9	77.6	72.8	57.1	58.6	63.0	62.7	80.4	57.0	68.7	97	38	54	55	53	56	54	78	73	46	58	64
July	29.82	29.93	30.15	29.50	66.9	68.7	81.4	76.6	63.1	64.2	67.1	66.5	84.8	61.9	73.4	97	49	61	62	58	61	60	81	79	49	60	67
August	29.82	29.93	30.26	29.42	61.8	63.1	77.0	70.8	58.1	58.9	63.0	62.0	79.9	56.2	68.0	91	42	55	56	54	56	55	80	78	46	61	66
September	29.97	30.08	30.32	29.50	56.1	55.8	73.6	64.5	52.9	52.6	60.0	57.8	77.1	49.3	63.2	91	31	50	50	50	53	51	82	82	44	66	68
October	29.95	30.06	30.51	29.40	48.8	47.1	57.9	52.4	45.6	44.4	50.1	48.1	61.4	41.5	51.4	91	25	42	41	42	44	42	78	81	58	72	72
November	29.90	30.00	30.43	29.27	40.4	37.7	48.8	43.5	37.1	35.1	41.8	38.8	51.5	33.2	42.4	69	23	32	31	33	32	32	73	77	55	65	68
December	29.94	30.05	30.55	29.19	28.9	27.6	32.9	30.6	26.8	25.6	29.6	28.1	36.8	22.7	29.8	57	1	22	22	23	23	22	75	77	65	72	72
Year	29.89	29.99	30.55	28.88	43.9	43.4	55.3	50.5	40.7	40.2	45.8	44.2	58.6	37.8	48.2	97	−7	36	36	36	38	36	76	76	51	63	66

ALBUQUERQUE, NEW MEX.

Airport [ϕ=35°03′ N.; λ=106°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)	(1)																							
January	25.10	30.10	25.50	24.74	33.3	29.4	38.6	40.8	30.6	27.6	33.2	35.2	45.2	26.9	36.0	51	18	27	25	26	28	26	76	82	60	60	70
February	25.03	29.98	25.31	24.61	38.6	33.5	46.5	50.0	34.7	31.0	38.5	40.2	54.3	31.3	42.8	65	23	30	28	29	29	29	71	78	52	46	62
March	25.00	29.92	25.34	24.78	41.4	35.7	49.0	52.4	35.9	32.6	39.9	41.4	57.1	33.0	45.0	70	22	29	29	30	29	29	64	75	50	45	58
April	24.95	29.83	25.21	24.65	46.8	40.7	55.7	56.9	39.1	35.9	43.4	43.7	62.6	38.7	50.6	76	30	30	30	30	29	30	55	66	40	38	50
May	25.01	29.81	25.30	24.69	60.1	52.8	69.2	73.4	49.2	46.3	53.3	53.5	76.6	51.1	63.8	88	40	39	40	41	36	39	51	65	40	32	47
June	25.04	29.82	25.25	24.81	65.3	58.0	76.2	78.3	52.6	50.3	56.1	55.9	83.7	56.7	70.2	94	49	42	44	41	38	41	46	62	30	28	41
July	25.12	29.88	25.27	24.94	70.4	63.8	80.8	83.7	59.1	57.0	62.5	61.5	89.7	62.4	76.0	94	56	52	53	52	48	51	55	68	38	32	48
August	25.12	29.90	25.27	24.92	69.8	64.2	80.8	80.6	59.2	57.3	63.1	61.9	87.9	62.3	75.1	93	56	53	53	53	50	52	57	68	40	41	52
September	25.04	29.83	25.24	24.78	64.0	57.3	73.1	75.0	53.3	51.3	57.6	56.3	79.8	54.8	67.3	89	45	45	46	46	42	45	53	68	41	34	49
October	25.07	29.93	25.36	24.77	53.6	48.9	61.5	61.3	46.9	45.3	50.3	49.4	67.6	45.6	56.6	79	33	41	42	41	39	41	64	78	49	47	60
November	25.12	30.07	25.44	24.76	42.4	35.5	50.3	52.0	36.0	32.1	40.0	41.1	58.8	32.2	45.5	68	20	28	27	28	29	28	57	72	43	42	53
December	25.04	30.02	25.41	24.47	34.6	30.6	41.8	42.3	30.4	27.8	34.9	35.0	48.6	26.8	37.7	60	18	24	24	26	26	25	65	74	54	52	61
Year	25.05	29.92	25.50	24.47	51.7	45.9	60.3	62.2	43.9	41.2	47.7	47.9	67.7	43.5	55.6	94	18	37	37	37	35	36	60	71	45	41	54

ALPENA, MICH.

Airport [ϕ=45°04′ N.; λ=83°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	29.48	30.17	29.94	28.89	20.3	19.6	24.3	22.1	19.6	19.0	22.8	21.1	27.3	14.4	20.8	35	−6	18	18	20	19	19	91	91	81	86	87
February	29.27	29.97	29.78	28.43	19.6	17.6	24.9	23.0	18.4	16.4	22.4	20.9	27.9	13.1	20.5	38	−9	15	13	16	16	15	83	81	67	72	76
March	29.38	30.07	29.79	28.64	21.1	18.0	29.8	27.2	19.4	16.6	25.8	24.1	32.2	15.1	23.6	42	−1	15	13	17	17	16	77	78	58	64	69
April	29.43	30.10	29.79	28.68	41.4	40.2	50.7	46.7	37.8	36.4	42.8	41.2	54.9	35.9	45.4	81	20	33	31	33	34	33	72	70	53	63	65
May	29.32	29.99	29.72	28.76	50.8	51.5	60.1	59.3	46.4	46.1	50.8	50.2	66.1	46.0	56.0	89	35	42	40	42	41	41	72	66	54	54	62
June	29.31	29.97	29.60	29.00	60.1	61.5	69.2	69.4	55.0	55.2	59.6	60.0	74.6	56.3	65.4	94	42	51	50	53	54	52	74	69	60	60	65
July	29.29	29.96	29.64	28.82	64.4	65.1	74.4	72.0	60.1	60.0	64.4	64.1	78.3	59.4	68.8	94	48	57	57	58	59	58	78	75	60	66	70
August	29.33	29.99	29.71	28.80	60.9	60.4	70.6	69.1	57.6	56.7	61.7	61.5	74.5	56.0	65.2	86	41	55	54	56	56	56	82	81	61	66	72
September	29.36	30.02	29.79	28.49	57.7	56.7	66.6	61.4	54.4	53.9	59.0	56.7	69.9	51.8	60.8	88	35	52	52	54	53	53	83	84	66	76	77
October	29.37	30.04	29.86	28.74	47.5	46.8	53.7	49.7	45.4	45.1	48.0	46.4	56.8	42.0	49.4	77	30	43	43	42	43	43	86	87	68	78	80
November	29.23	29.91	29.80	28.59	38.3	36.5	42.1	38.9	36.4	35.2	38.1	36.2	44.6	33.4	39.0	66	22	34	33	33	33	33	84	88	71	78	80
December	29.33	30.01	29.87	28.62	29.3	29.2	32.9	31.0	28.1	28.0	30.7	29.5	35.4	24.7	30.0	54	10	26	26	27	27	26	86	86	78	84	84
Year	29.34	30.02	29.94	28.43	42.6	41.9	49.9	47.5	39.9	39.0	43.8	42.7	53.5	37.3	45.4	94	−9	37	36	38	38	37	81	80	65	71	74

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Abilene, 1,738 feet; Albany, 97 feet; Albuquerque, 4,972 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ABILENE, TEX.

Airport [H=1,749 ft.; H_b=1,750 ft.; H_t=4 ft.; H_r=2 ft.; H_a=41 ft.] City [H=1,726 ft.; H_b=1,738 ft.; H_t=10 ft.; H_r=3 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	1.75	1.70	T	6.4	9.1	S.	31	W.	0	8	8	15	11	4	1	0	0	6	1	0	0	0	0	0	4	0	1
February	1.96	.60	0.0	7.0	8.9	N.	35	SW.	1	7	3	18	9	5	0	0	0	9	2	0	0	0	0	0	6	0	2
March	1.66	1.00	3.1	6.4	10.8	S.	32	S.	1	10	5	16	6	6	4	2	0	4	2	2	2	0	0	0	6	0	2
April	4.76	1.52	.0	5.7	11.1	SE.	35	W.	2	10	6	14	10	8	0	0	1	4	0	0	0	0	0	0	0	0	6
May	6.47	2.68	.0	5.7	10.1	S.	37	NW.	2	10	11	10	9	7	0	0	0	0	0	0	0	0	7	0	0	0	7
June	6.66	4.35	.0	4.9	9.5	S.	30	SE.	0	8	18	4	11	8	0	0	1	1	0	0	0	0	13	0	0	0	10
July	3.89	1.86	.0	4.5	7.7	S.	22	NE.	0	13	10	8	5	5	0	0	1	0	0	0	0	0	25	15	0	0	6
August	7.01	3.77	.0	5.2	8.3	S.	25	E.	0	9	12	10	11	10	0	0	1	0	0	0	0	0	27	13	0	0	11
September	2.30	1.80	.0	4.8	9.4	S.	27	SE.	0	13	11	6	7	6	0	0	0	3	0	0	0	0	9	3	0	0	4
October	10.88	3.38	.0	7.3	9.3	S.	26	S.	0	3	10	18	13	12	0	0	0	3	1	1	0	0	0	0	0	0	6
November	.50	.47	.0	4.7	8.4	S.	26	S.	0	12	9	9	4	1	0	0	1	1	1	1	1	0	0	0	3	0	1
December	.93	.81	.0	5.6	8.6	S.	30	S.	0	12	5	14	3	3	0	0	0	3	3	2	1	0	0	0	4	0	0
Year	48.77	4.35	3.1	5.7	9.3	S.	37	NW.	6	115	108	142	99	75	5	2	5	34	10	6	4	0	81	31	23	0	56

ALBANY, N. Y.

Airport [H=277 ft.; H_b=292 ft.; H_t=26 ft.; H_r=25 ft.; H_a=40 ft.

January	1.98	0.96	20.1	6.9	10.3	N.	34	W.	4	6	8	17	13	9	19	12	0	6	2	1	0	23	0	0	30	6	0
February	2.33	1.84	1.9	5.9	12.2	W.	35	W.	4	9	5	14	8	4	16	4	0	9	0	1	0	16	0	0	26	0	0
March	1.85	.87	19.3	6.2	12.4	W.	47	W.	6	8	9	14	10	7	14	7	0	5	0	0	0	10	0	0	30	0	0
April	.72	.39	T	5.2	10.5	N.	32	W.	1	11	10	9	8	5	1	0	0	4	0	0	0	0	1	0	10	0	4
May	1.19	.54	.0	5.8	9.4	W.	38	N.	4	9	10	12	8	4	0	0	0	14	1	1	1	0	1	0	1	0	2
June	1.56	.39	.0	5.5	8.7	S.	31	W.	0	10	10	10	9	7	0	0	0	15	2	1	1	0	7	1	0	0	8
July	4.45	1.16	.0	6.5	8.2	S.	28	S.	0	4	12	15	11	8	0	0	0	18	0	1	1	0	6	3	0	0	6
August	3.60	2.70	.0	4.8	8.2	S.	30	NW.	0	12	12	7	9	7	0	0	0	19	2	1	1	0	3	0	0	0	5
September	1.60	.22	.0	3.7	8.8	S.	30	NW.	0	15	12	3	5	3	0	0	0	16	0	1	2	0	2	0	1	0	2
October	1.80	.72	.0	6.8	10.0	S.	34	W.	1	5	12	14	13	9	0	0	0	18	1	0	0	0	1	0	5	0	1
November	1.44	.65	T	6.5	9.2	S.	31	NW.	0	4	13	13	9	6	4	1	0	10	0	0	0	0	0	0	16	0	0
December	2.06	1.29	6.5	7.4	10.0	S.	34	N.	3	4	8	19	11	4	13	3	0	7	7	3	4	9	0	0	25	0	0
Year	24.58	2.70	47.8	5.9	9.8	S.	47	W.	23	97	121	147	114	73	67	27	0	141	15	10	10	58	21	4	144	6	28

ALBUQUERQUE, NEW MEX.

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

January	1.17	0.40	0.9	6.1	7.3	N.	34	SE.	2	9	5	17	11	6	6	2	1	7	1	4	2	0	0	0	25	0	0
February	.20	.10	.5	6.8	7.9	N.	41	W.	2	6	5	17	5	2	3	2	0	2	0	1	1	0	0	0	13	0	0
March	1.00	.30	2.0	6.3	10.3	SE.	42	NW.	3	9	6	16	10	6	7	2	1	5	2	2	0	0	0	0	13	0	2
April	1.20	.53	T	7.1	11.2	SE.	41	S.	8	5	8	17	7	5	1	0	2	1	0	2	2	0	0	0	2	0	1
May	3.07	.90	.0	5.9	10.2	SE.	40	E.	5	8	10	13	10	9	0	0	1	0	0	0	0	0	0	0	0	0	10
June	.90	.50	.0	5.0	8.5	SW.	37	N.	3	11	10	9	6	2	0	0	1	0	0	0	0	0	4	0	0	0	9
July	2.15	.98	.0	4.9	8.2	SE	40	SE.	7	5	24	2	7	5	0	0	0	2	0	1	1	0	15	0	0	0	13
August	1.07	.27	.0	5.3	7.2	SE.	33	NW.	1	8	14	9	10	8	0	0	2	0	0	0	0	0	11	0	0	0	13
September	1.85	1.04	.0	4.2	8.4	SE.	39	NW.	1	14	9	7	9	7	0	0	0	2	0	0	0	0	0	0	0	0	6
October	2.67	.75	.0	4.5	9.0	SE.	42	S.	3	13	10	8	12	8	0	0	1	1	1	0	0	0	0	0	0	0	8
November	.37	.29	.4	3.2	7.1	N.	37	S.	1	18	9	3	3	2	3	1	0	1	0	0	1	0	0	0	15	0	0
December	.23	.14	2.0	5.7	7.9	N.	39	NW.	3	9	10	12	3	2	6	3	0	1	0	0	0	0	0	0	30	0	1
Year	15.88	1.04	5.8	5.4	8.6	SE.	42	S.	39	115	120	130	93	62	26	10	9	22	4	10	7	0	30	0	98	0	63

ALPENA, MICH.

[H=587 ft.; H_b=609 ft.; H_t=5 ft.; H_r=4 ft.; H_a=89 ft.]

January	1.95	0.54	23.4	8.7	10.7	NW.	36	SE.	1	1	3	27	19	10	28	19	0	0	0	0	0	25	0	0	31	1	0
February	.93	.38	13.0	7.9	11.7	NW.	32	NW.	1	3	4	21	11	4	21	9	0	4	1	1	1	20	0	0	27	4	0
March	.73	.34	7.0	5.7	11.1	NW.	36	NW.	2	10	8	13	5	3	18	5	0	0	0	0	0	12	0	0	30	1	0
April	2.47	1.45	T	4.9	10.4	SE.	32	SW.	2	14	3	13	6	6	2	0	0	4	5	2	1	0	0	0	11	0	4
May	2.64	1.57	.0	5.7	10.2	NW.	31	NW.	0	11	7	13	11	8	0	0	0	4	2	2	2	0	0	0	0	0	5
June	.97	.54	.0	5.6	8.9	NW.	24	NW.	0	10	10	10	7	5	0	0	0	2	1	1	1	0	5	0	0	0	4
July	2.20	1.09	.0	5.5	9.8	NW.	30	SE.	0	6	17	8	9	7	0	0	0	1	0	0	0	0	2	0	0	0	9
August	4.08	3.09	.0	5.5	9.8	NW.	29	NW.	0	6	17	8	9	5	0	0	0	3	0	0	0	0	0	0	0	0	4
September	4.02	1.76	.0	6.1	11.5	NW.	37	SE.	4	8	9	13	9	8	0	0	0	6	5	1	3	0	0	0	0	0	5
October	3.87	1.19	T	7.7	11.5	NW.	36	W.	2	2	9	20	18	14	2	0	1	7	4	4	3	0	0	0	2	0	0
November	3.74	1.64	8.7	7.8	10.7	SW.	32	E.	1	1	10	19	11	7	13	5	0	4	2	0	0	0	0	0	11	0	0
December	1.76	.87	8.7	8.5	12.3	NW.	36	NW.	2	1	7	23	18	12	17	14	0	5	6	5	3	12	0	0	26	0	0
Year	29.36	3.09	60.8	6.6	10.7	NW.	37	SE.	15	73	104	188	133	89	101	52	1	40	26	16	14	69	7	0	138	6	31

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

AMARILLO, TEX.
Airport [ϕ=35°14′ N.; λ=101°42′ W.] City [ϕ=35°14′ N.; λ=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 2)	In. (2)	In. (1 2)	In. (1)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (1)	% (2)	% (2)	% (2)	% (2)	% (2)
January	26.31	30.11	26.80	25.79	32.4	28.5	44.8	40.1	30.7	27.4	38.2	35.1	49.8	28.9	39.4	69	19	28	26	30	28	28	86	89	60	65	75
February	26.26	30.04	26.56	25.57	33.2	30.6	44.9	44.8	31.0	29.1	37.9	37.8	50.4	31.2	40.8	68	21	28	27	29	29	28	82	86	60	61	72
March	26.26	30.03	26.67	25.84	36.9	33.9	47.8	48.5	34.2	32.2	40.3	40.2	53.8	32.5	43.2	83	20	30	30	31	30	30	78	85	58	54	69
April [3]	26.17	29.87	26.53	25.79	49.5	45.4	60.6	62.9	45.1	42.5	49.8	49.9	66.4	44.2	55.3	79	30	41	39	39	37	39	74	80	51	44	62
May	26.23	29.89	26.57	25.83	58.6	55.4	69.6	69.7	56.8	54.4	61.3	60.9	74.9	53.3	64.1	90	46	56	54	57	56	55	90	94	67	64	79
June	26.25	29.87	26.47	25.92	63.4	60.7	77.0	76.1	60.6	58.9	65.2	64.6	81.8	58.9	70.4	94	51	59	58	59	58	58	86	91	55	57	72
July	26.32	29.94	26.51	26.16	68.1	64.6	81.7	82.6	64.7	62.3	68.5	68.7	87.4	63.2	75.3	95	59	63	61	62	62	62	84	89	54	51	69
August	26.32	29.93	26.50	26.09	68.1	64.8	83.4	83.5	63.2	61.9	67.9	67.5	88.5	63.2	75.8	97	57	61	60	60	60	60	78	86	47	46	67
September	26.26	29.90	26.57	25.96	63.9	59.5	75.2	75.2	59.0	57.0	62.5	62.0	81.1	57.3	69.2	95	40	56	55	55	54	55	77	87	53	51	64
October	26.30	29.99	26.64	25.91	54.6	51.8	61.8	60.9	53.2	50.7	55.5	55.9	67.6	48.7	58.2	86	31	52	50	51	53	51	91	93	70	76	83
November	26.32	30.08	26.60	25.97	40.4	37.3	55.9	49.9	37.8	35.5	46.5	43.3	61.8	33.5	47.6	76	14	35	33	37	36	35	81	85	51	61	70
December	26.24	30.02	26.68	25.63	34.7	32.3	44.8	41.2	32.6	30.6	38.4	36.8	50.3	28.8	39.6	69	14	30	28	31	31	30	81	84	62	70	75
Year	26.27	29.97	26.80	25.57	50.3	47.1	62.3	61.3	47.4	45.2	52.7	51.9	67.8	45.3	56.6	97	14	45	43	45	44	44	82	87	57	58	71

APALACHICOLA, FLA.
[ϕ=29°45′ N.; λ=84°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	30.12	30.15	30.44	29.69	50.9	48.3	58.4	54.6	48.6	46.0	51.8	50.5	61.2	45.5	53.4	74	33	46	43	45	46	45	84	82	64	75	76
February	30.00	30.04	30.26	29.51	49.2	45.7	56.0	55.2	47.0	43.1	49.2	47.7	59.2	42.6	50.9	72	34	45	40	42	43	42	85	81	62	72	75
March	30.01	30.05	30.32	29.58	54.0	50.9	61.3	57.7	51.5	48.5	53.9	53.1	64.1	49.0	56.6	77	30	49	46	47	48	48	84	84	62	74	76
April	30.00	30.03	30.31	29.65	65.2	64.0	72.7	69.2	62.7	61.5	65.4	64.3	74.6	61.4	68.0	82	52	61	60	61	62	61	88	88	68	78	80
May	30.00	30.04	30.22	29.76	70.2	70.4	80.0	75.8	66.5	65.9	69.4	67.6	81.8	66.9	74.4	91	57	64	63	63	63	63	82	78	59	66	71
June	29.98	30.02	30.14	29.81	77.4	77.9	83.7	79.9	74.3	74.5	75.9	74.5	86.6	73.6	80.1	91	69	73	73	73	72	73	86	86	71	78	80
July	29.97	30.01	30.15	29.84	79.2	79.8	83.4	82.0	76.0	76.2	76.8	76.6	86.9	75.7	81.3	92	72	75	75	74	74	75	86	85	75	78	81
August	29.96	30.00	30.09	29.85	80.5	80.9	87.8	83.3	76.9	77.3	79.0	77.4	89.6	77.3	83.4	96	73	76	76	76	75	76	85	85	68	76	79
September	29.98	30.01	30.21	29.83	77.9	77.4	83.4	79.8	75.1	74.7	76.6	75.0	84.9	74.5	79.7	92	68	74	74	74	73	74	88	88	74	80	83
October	30.01	30.05	30.26	29.33	74.2	73.0	82.0	77.6	70.7	70.1	73.4	72.3	83.2	71.1	77.2	93	60	69	69	69	70	69	84	87	67	78	79
November	30.04	30.08	30.29	29.68	59.0	56.2	67.5	63.1	56.0	53.5	59.7	58.5	69.4	54.2	61.8	84	41	53	51	53	55	53	82	84	64	76	76
December	30.05	30.09	30.26	29.72	54.8	53.4	62.1	58.2	52.6	51.4	56.1	54.7	64.4	50.7	57.6	78	38	50	49	51	52	50	86	87	69	80	81
Year	30.01	30.05	30.44	29.33	66.0	64.8	73.2	69.7	63.2	61.9	65.6	64.4	75.5	61.9	68.7	96	30	61	60	61	61	61	85	85	67	76	78

ASHEVILLE, N. C.
[ϕ=35°36′ N.; λ=82°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	27.76	30.20	28.10	27.35	34.8	32.6	45.4	39.7	32.3	30.7	37.9	35.1	48.4	29.3	38.8	63	13	28	28	27	28	28	78	82	52	64	69
February	27.61	30.06	27.88	27.15	30.3	26.7	39.7	35.7	26.7	24.3	32.5	29.8	43.4	24.1	33.8	58	16	20	19	21	20	20	64	72	48	52	59
March	27.65	30.07	27.96	27.16	36.2	32.5	46.5	43.6	32.8	29.8	37.4	36.8	51.5	29.9	40.7	69	15	27	26	24	27	26	72	75	45	55	62
April	27.75	30.09	28.05	27.29	52.4	49.8	66.0	62.5	47.9	46.0	52.6	52.2	70.0	46.7	58.4	85	38	44	42	41	44	43	75	78	45	53	63
May	27.74	30.05	28.02	27.45	57.9	57.0	75.7	70.6	53.0	52.2	57.9	57.4	79.0	52.1	65.6	93	36	49	48	45	48	48	72	74	36	47	57
June	27.72	30.00	27.98	27.39	65.1	64.8	79.3	73.8	61.8	61.9	65.2	64.9	82.3	61.2	71.8	90	50	60	60	57	60	59	85	86	49	64	71
July	27.73	30.00	27.87	27.57	68.3	67.9	80.3	75.2	66.6	66.1	69.8	69.3	84.5	65.1	74.8	94	58	66	65	65	67	66	92	92	63	76	81
August	27.74	30.02	28.00	27.56	68.2	67.1	82.3	75.2	66.1	65.0	69.2	68.5	85.6	64.6	75.1	92	57	65	64	63	65	64	90	90	54	72	76
September	27.82	30.12	28.02	27.54	62.9	60.7	80.1	73.1	60.2	58.6	65.2	63.7	83.2	57.7	70.4	93	47	58	57	57	58	58	85	89	47	61	70
October	27.84	30.17	28.07	27.54	58.4	53.8	72.1	65.5	54.0	51.8	58.9	56.8	74.3	51.8	63.0	90	34	50	50	49	50	50	78	88	48	61	69
November	27.76	30.15	28.14	27.16	40.5	37.1	58.7	49.5	37.6	35.2	46.0	42.2	60.3	33.5	46.9	77	22	34	33	32	35	34	78	84	40	57	65
December	27.74	30.15	28.06	27.23	39.0	35.4	49.9	45.0	36.0	33.3	41.3	39.4	52.9	32.5	42.7	68	19	32	30	30	32	31	74	82	49	63	67
Year	27.74	30.09	28.14	27.15	51.2	48.8	64.7	59.1	47.9	46.2	52.8	51.3	68.0	45.7	56.8	94	13	44	44	43	44	44	79	83	48	60	67

ATLANTA, GA.
Airport [ϕ=33°39′ N.; λ=84°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
	(1)		(1)	(1)																							
January	28.90	30.16	29.25	28.45	40.4	37.8	50.3	46.6	37.1	35.3	42.7	40.8	53.5	35.0	44.2	67	26	32	31	32	33	32	72	76	54	60	66
February	28.77	30.04	29.03	28.37	36.8	33.2	46.1	42.9	32.4	30.1	37.8	36.3	49.4	30.1	39.8	60	23	25	24	25	26	25	62	69	46	52	57
March	28.79	30.04	29.12	28.39	41.7	39.2	53.0	50.4	37.9	36.4	44.1	43.2	57.0	36.1	46.6	67	22	32	32	33	34	33	69	74	50	56	62
April	28.83	30.06	29.16	28.48	58.0	55.5	71.3	68.4	53.3	52.0	58.1	57.6	74.5	52.7	63.6	88	44	49	49	48	50	49	74	80	47	54	64
May	28.82	30.02	29.07	28.56	66.6	64.0	81.7	78.2	58.0	57.8	63.0	62.3	85.2	60.0	72.6	97	44	52	53	50	52	52	89	89	35	41	51
June	28.79	29.98	29.02	28.53	71.6	70.9	83.8	79.5	67.4	66.8	70.1	69.1	87.5	67.4	77.4	97	59	65	65	63	64	64	81	81	52	62	69
July	28.79	29.98	28.95	28.66	73.8	73.5	85.9	80.8	71.3	71.3	74.5	73.5	89.0	71.0	80.0	95	65	70	70	70	70	70	89	90	60	72	77
August	28.80	29.99	29.04	28.67	73.7	72.5	86.5	80.8	70.6	70.1	74.0	73.2	90.1	69.8	80.0	97	64	69	69	69	70	69	86	89	57	71	76
September	28.87	30.07	29.69	28.65	70.7	67.6	84.8	78.5	65.7	64.2	69.1	68.4	87.7	65.5	76.6	99	55	63	62	61	63	62	77	83	46	60	67
October	28.89	30.11	29.14	28.62	64.3	61.3	78.0	71.6	59.3	58.1	64.1	62.7	80.1	59.1	69.6	91	44	56	56	55	57	56	75	82	50	62	67
November	28.87	30.12	29.20	28.39	47.4	44.1	61.0	53.5	43.8	41.3	49.5	47.0	63.3	41.9	52.6	75	29	40	38	37	40	39	75	79	44	62	65
December	28.86	30.11	29.15	28.37	44.0	40.6	54.6	49.1	40.8	38.3	46.1	44.2	56.9	38.7	47.8	74	28	37	35	37	38	37	76	81	53	68	70
Year	28.83	30.06	29.25	28.37	57.4	55.0	69.8	65.0	53.1	51.8	57.8	56.5	72.8	52.3	62.6	99	22	49	49	48	50	49	75	79	50	60	66

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Amarillo, 3,676 feet; Atlanta, 1,173 feet.
[2] Airport data.
[3] All records at airport after April 1.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

AMARILLO, TEX.

Airport [H=3,590 ft.; H_b=3,604 ft.; H_t=5 ft., H_r=4 ft.; H_a=42 ft.] City [H=3,604 ft.; H_b=3,676 ft.; H_t=10 ft.; H_r=4 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 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: 0.84 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	0.40	0.27	0.9	5.3	8.6	SW.	28	W.	0	11	8	12	5	2	3	1	0	9	5	3	1	1	0	0	22	0	0
February	.94	.33	6.2	5.9	9.3	SE.	38	W.	1	9	8	11	10	4	4	4	0	10	8	1	0	2	0	0	15	0	0
March	2.55	1.46	4.5	5.7	10.5	E.	32	W.	1	12	7	12	6	5	4	3	1	4	2	0	0	0	0	0	17	0	1
April [1]	1.29	.65	.0	5.4	16.0	S.	58	S.	12	9	10	11	7	7	0	0	1	7	4	2	4	0	0	0	1	0	3
May	7.47	1.79	.0	6.2	14.7	S.	46	S.	9	7	13	11	14	11	0	0	0	11	2	1	3	0	1	0	0	0	15
June	5.07	1.43	.0	4.9	13.2	S.	52	W.	6	9	15	6	12	11	0	0	0	2	0	0	0	0	6	0	0	0	13
July	3.36	.98	.0	4.5	10.4	S.	50	NE.	5	9	21	1	13	11	0	0	0	1	1	0	0	0	8	1	0	0	17
August	3.18	1.05	.0	4.6	12.2	S.	46	NW.	4	8	22	1	6	6	0	0	0	2	0	0	0	0	14	1	0	0	12
September	4.30	3.42	.0	5.5	15.7	S.	42	SW.	8	8	11	11	6	5	0	0	0	7	1	1	1	0	8	0	0	0	4
October	7.64	2.20	.7	6.3	14.3	S.	46	SW.	5	8	10	13	12	12	2	1	0	16	7	6	2	0	0	0	2	0	12
November	.33	.31	3.1	2.7	12.4	SW.	44	NE.	7	19	8	3	2	1	4	1	0	8	3	3	3	0	0	0	8	0	0
December	.68	.46	1.8	5.3	14.1	S.	46	W.	8	12	7	12	5	3	6	4	0	9	7	7	5	2	0	0	25	0	0
Year	37.21	3.42	17.2	5.2	12.6	S.	58	S.	66	121	140	104	98	78	23	14	2	86	40	24	19	5	37	2	90	0	77

APALACHICOLA, FLA.

[H=14 ft.; H_b=32 ft.; H_t=11 ft.; H_r=3 ft.; H_a=51 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 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: 0.84 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	3.12	1.54	0.0	5.8	8.1	N.	28	E.	0	10	7	14	9	7	0	0	0	12	4	1	1	0	0	0	0	0	1
February	2.42	.76	.0	5.5	8.9	N.	28	S.	0	10	10	8	9	8	0	0	0	3	2	2	2	0	0	0	0	0	1
March	4.43	2.83	.0	6.4	9.8	NW.	29	SE.	0	6	13	12	12	5	0	0	0	10	5	4	2	0	0	0	1	0	1
April	2.31	2.30	.0	5.1	9.4	SE.	35	SE.	1	10	9	11	3	2	0	0	0	13		4	4	0	0	0	0	0	1
May	.55	.55	.0	4.0	8.8	SE.	26	E.	0	12	15	4	1	1	0	0	0	1	0	0	0	0	1	0	0	0	2
June	9.72	4.38	.0	7.2	7.3	W.	24	SE.	0	2	11	17	13	11	0	0	0	0	0	0	0	0	3	0	0	0	12
July	9.04	1.66	.0	6.8	7.4	W.	28	E.	0	5	11	15	19	18	0	0	0	0	0	0	0	0	7	0	0	0	17
August	7.40	2.58	.0	5.6	6.8	W.	25	N.	0	5	20	6	20	12	0	0	0	1	0	0	0	0	13	2	0	0	15
September	8.87	2.30	.0	5.6	10.1	E.	36	E.	1	11	9	10	14	13	0	0	0	0	0	0	0	0	2	0	0	0	9
October	5.13	4.29	.0	4.9	10.4	NE.	49	NW.	1	12	9	10	7	5	0	0	0	1	0	0	0	0	3	0	0	0	2
November	4.31	2.21	.0	4.8	8.9	N.	26	N.	0	13	8	9	9	7	0	0	0	8	0	0	0	0	0	0	0	0	4
December	3.89	1.75	.0	7.1	8.2	N.	24	E.	0	5	8	18	8	7	0	0	0	11	3	3	4	0	0	0	0	0	1
Year	61.19	4.38	.0	5.7	8.7	N.	49	NW.	3	101	130	134	124	96	0	0	0	55	20	14	13	0	29	2	1	0	67

ASHEVILLE, N. C.

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

Month	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 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: 0.84 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	1.13	0.41	T	5.4	9.4	NW.	26	NW.	0	10	9	12	8	8	5	0	0	9	7	5	2	1	0	0	18	0	0
February	.65	.54	1.1	5.5	10.8	NW.	28	NW.	0	10	7	11	3	2	9	2	0	2	2	0	0	1	0	0	25	0	0
March	3.18	.85	4.4	6.5	9.8	NW.	29	NW.	0	8	7	16	12	10	10	3	0	4	2	0	0	0	0	0	18	0	1
April	1.80	.79	.0	6.3	7.5	NW.	23	SE.	0	7	9	14	7	5	0	0	0	7	5	2	3	0	0	0	0	0	2
May	1.81	.68	.0	3.6	6.6	NW.	25	NW.	0	17	10	4	7	5	0	0	0	5	3	0	0	0	5	0	0	0	4
June	3.67	1.98	.0	6.2	6.1	NW.	23	S.	0	6	13	11	12	9	0	0	0	19	9	4	5	0	0	0	0	0	8
July	9.61	2.27	.0	6.6	5.2	NW.	19	S.	0	4	16	11	20	17	0	0	1	29	16	7	9	0	5	0	0	0	17
August	2.46	.70	.0	6.1	5.6	NW.	26	NW.	0	4	17	10	12	10	0	0	0	27	9	5	8	0	3	0	0	0	11
September	.28	.15	.0	3.4	6.2	S.	26	NE.	0	16	12	2	5	2	0	0	0	19	10	8	8	0	2	0	0	0	2
October	1.35	.66	.0	5.6	7.1	NW.	23	NW.	0	9	10	12	7	5	0	0	0	18	7	3	3	0	1	0	0	0	0
November	1.28	.37	T	3.7	7.5	NW.	25	NW.	0	15	7	8	6	6	1	0	0	8	1	1	2	0	0	0	15	0	0
December	3.40	1.43	.0	6.0	8.7	NW.	34	SE.	1	9	11	11	7	6	0	0	0	7	4	4	4	0	0	0	16	0	0
Year	30.32	2.27	5.5	5.4	7.5	NW.	34	SE.	1	115	128	122	106	85	25	5	1	154	75	39	44	2	16	0	92	0	45

ATLANTA, GA.

Airport [H=975 ft.; H_b=976 ft.; H_t=5 ft.; H_r=38 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 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: 0.84 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	1.42	0.54	0.0	5.2	10.3	NW.	26	W.	0	12	6	13	9	6	0	0	0	8	5	5	5	0	0	0	14	0	0
February	1.91	1.19	T	5.6	11.5	NW.	32	NW.	2	10	6	12	8	8	2	0	0	7	2	1	0	0	0	0	18	0	0
March	4.05	1.42	.0	6.2	11.7	NW.	41	S.	4	9	7	15	15	13	0	0	0	9	3	2	1	0	0	0	10	0	2
April	3.12	1.19	.0	6.1	8.6	E.	32	SE.	1	10	7	13	10	7	0	0	1	7	0	0	0	0	0	0	0	0	3
May	.47	.27	.0	3.4	8.9	NW.	26	N.	0	17	10	4	3	2	0	0	0	0	0	0	0	0	10	3	0	0	4
June	4.99	3.09	.0	6.5	8.5	W.	29	NW.	0	4	11	15	12	11	0	0	0	2	2	0	0	0	12	1	0	0	12
July	4.99	1.52	.0	6.9	7.2	NW.	39	SW.	1	0	21	10	12	11	0	0	0	10	3	2	1	0	14	0	0	0	15
August	4.30	2.43	.0	6.0	7.1	NW.	39	NW.	1	5	18	8	8	7	0	0	0	9	4	4	2	0	16	2	0	0	14
September	1.35	.62	.0	3.5	7.7	NE.	25	E.	0	15	8	7	5	4	0	0	0	2	1	1	0	0	12	2	0	0	5
October	.57	.35	.0	5.2	8.4	E.	32	NW.	1	12	7	12	3	3	0	0	0	5	1	0	0	0	5	0	0	0	0
November	1.79	.65	T	4.0	8.6	NW.	30	W.	0	17	5	8	6	5	1	0	0	4	0	0	0	0	0	0	2	0	1
December	6.98	3.24	.0	5.4	9.9	NW.	31	NW.	0	10	10	11	9	7	0	0	0	7	3	3	3	0	0	0	6	0	3
Year	35.94	3.24	T	5.3	9.0	NW.	41	S.	10	121	116	128	100	82	3	0	1	70	24	18	12	0	69	8	50	0	59

[1] All records at airport after April 1.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ATLANTIC CITY, N. J.
[ϕ=39°22′ N.; λ=74°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: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 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	30.06	30.12	30.54	29.58	31.2	31.1	38.4	35.6	29.4	29.0	33.7	32.3	40.7	27.9	34.3	56	17	24	25	25	26	25	70	76	60	68	68
February	29.86	29.92	30.27	28.98	30.3	28.0	36.0	33.4	27.1	25.2	31.2	29.7	38.5	26.1	32.3	45	17	20	19	22	22	21	64	66	57	62	62
March	29.90	29.96	30.39	29.29	33.7	33.0	41.5	37.5	30.3	29.7	35.0	32.8	44.5	29.1	36.8	54	17	24	23	24	24	24	66	66	51	59	60
April	30.01	30.07	30.42	29.43	49.9	50.2	55.8	52.7	45.3	45.5	48.2	46.8	59.9	45.4	52.6	90	34	41	40	40	41	41	72	71	61	68	68
May	29.89	29.95	30.25	29.45	58.3	60.4	68.1	62.0	53.1	54.0	57.6	54.7	72.1	53.6	62.8	93	39	49	48	49	49	49	72	67	54	66	65
June	29.91	29.96	30.17	29.43	65.2	66.7	71.1	68.4	61.5	62.1	63.9	63.1	74.9	62.0	68.4	89	54	59	59	60	60	59	82	78	69	76	76
July	29.91	29.97	30.18	29.63	70.4	70.8	75.3	71.3	67.5	67.5	69.2	68.0	78.3	67.3	72.8	96	61	66	66	66	66	66	87	85	75	85	83
August	29.91	29.96	30.32	29.54	69.8	70.1	77.5	73.2	65.0	65.2	67.8	66.7	80.2	65.8	73.0	89	56	62	62	62	63	62	77	77	62	72	72
September	30.05	30.11	30.38	29.66	67.1	65.8	73.5	69.5	62.6	61.1	64.1	63.7	75.7	62.5	69.1	94	50	60	58	58	60	59	78	77	61	74	72
October	30.04	30.10	30.50	29.65	60.0	59.2	67.2	63.0	55.4	55.3	58.3	56.9	69.6	54.7	62.2	91	36	52	52	51	52	52	74	78	59	68	70
November	30.01	30.07	30.47	29.35	49.4	47.1	56.0	51.7	45.5	43.4	48.2	46.4	58.1	43.9	51.0	66	29	41	39	39	40	40	73	73	55	66	67
December	30.03	30.08	30.53	29.36	39.0	38.3	45.6	42.0	35.9	35.5	40.1	38.0	47.9	34.2	41.0	63	18	31	31	32	32	31	72	73	60	66	68
Year	29.97	30.02	30.54	28.98	52.0	51.7	58.8	55.0	48.2	47.8	51.4	49.9	61.7	47.7	54.7	96	17	44	44	44	45	44	74	74	60	69	69

AUGUSTA, GA.
Airport [ϕ=33°29′ N.; λ=82°02′ W.] City [ϕ=33°28′ N.; λ=81°54′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 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 2) 29.95	(2) 30.15	(1 2) 30.34	(1 2) 29.59	(2) 43.5	(2) 39.2	(2) 54.1	(2) 49.4	(2) 39.7	(2) 37.0	(2) 44.9	(2) 43.1	58.1	38.0	48.0	70	27	(2) 34	(2) 34	(2) 32	(2) 35	(2) 34	(2) 70	(2) 80	(2) 47	(2) 59	(2) 64
February	29.81	30.00	30.10	29.33	39.0	35.5	50.4	47.1	34.6	32.3	40.8	39.2	54.9	33.0	44.0	65	24	28	27	27	28	27	64	70	42	48	56
March	29.84	30.03	30.17	29.37	45.4	41.1	56.8	53.5	41.0	38.1	46.2	45.2	61.8	39.2	50.5	72	26	35	34	32	35	34	68	75	43	52	59
April	29.87	30.06	30.22	29.43	60.8	58.4	74.5	69.6	54.9	54.0	59.2	57.8	78.3	56.1	67.2	90	46	50	50	47	48	49	70	76	42	50	60
May	29.83	30.02	30.12	29.54	67.2	65.2	84.4	79.8	58.5	58.8	63.4	61.8	87.0	61.7	74.4	99	48	52	54	48	49	51	60	69	30	35	49
June	29.80	29.99	30.03	29.46	72.5	72.6	86.0	79.7	68.7	69.2	71.5	70.4	88.9	70.4	79.6	101	67	67	68	64	66	66	83	84	51	66	71
July	29.81	30.00	29.99	29.62	75.8	75.0	88.4	82.1	73.0	73.0	76.1	74.7	91.1	73.2	82.2	99	68	72	72	71	72	72	88	91	58	73	78
August	29.80	29.99	30.06	29.61	75.9	75.1	88.8	83.6	72.5	72.0	75.7	74.1	91.7	73.5	82.6	98	67	71	70	70	70	70	86	86	56	66	73
September	29.89	30.08	30.11	29.68	72.7	69.1	86.7	80.9	67.6	66.1	70.4	69.1	89.7	68.2	79.0	98	55	65	64	62	63	63	77	86	45	56	66
October	29.92	30.12	30.21	29.63	67.3	63.8	81.0	74.6	62.5	60.8	65.9	64.5	83.6	62.2	72.9	94	45	59	58	56	58	58	77	85	46	58	66
November	29.91	30.11	30.26	29.42	52.6	47.9	64.7	59.2	47.8	44.9	52.5	50.0	68.4	43.8	56.1	79	30	42	41	40	40	41	70	79	44	52	61
December	29.91	30.11	30.24	29.43	48.2	44.4	56.3	53.4	44.3	41.8	47.8	46.8	60.8	40.9	50.8	76	28	40	38	38	39	39	73	80	54	61	67
Year	29.86	30.05	30.34	29.33	60.1	57.3	72.7	67.7	55.4	54.0	59.5	58.1	76.2	55.0	65.6	101	24	51	51	49	50	50	74	80	46	56	64

AUSTIN, TEX.
Airport [ϕ=30°19′ N.; λ=97°43′ W.] City [ϕ=30°16′ N.; λ=97°44′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 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 2) 29.50	(2) 30.15	(1 2) 29.98	(1 2) 28.96	(2) 49.8	(2) 46.6	(2) 57.9	(2) 56.3	(2) 47.1	(2) 44.9	(2) 50.8	(2) 50.7	62.6	44.6	53.6	76	28	(2) 44	(2) 43	(2) 44	(2) 46	(2) 44	(2) 82	(2) 88	(2) 62	(2) 69	(2) 75
February	29.42	30.07	29.82	28.89	46.9	44.4	54.4	54.1	44.9	42.6	48.3	48.3	59.1	42.8	51.0	74	33	43	41	42	42	42	86	87	67	68	77
March	29.41	30.05	29.86	29.05	50.9	46.9	59.4	59.5	47.7	45.0	52.0	51.7	64.4	45.7	55.0	85	38	44	42	45	45	44	80	86	63	62	73
April	29.28	29.91	29.64	28.90	62.1	59.9	71.5	70.0	59.6	58.2	63.1	62.5	74.8	58.7	66.8	86	45	58	57	58	58	57	86	90	65	69	78
May	29.31	29.94	29.55	28.99	69.6	67.7	80.2	78.8	67.5	66.3	70.8	70.3	83.9	66.2	75.0	91	58	66	66	66	66	66	90	93	64	67	79
June	29.30	29.92	29.52	29.10	73.8	72.6	84.4	82.3	71.9	71.0	74.8	74.1	88.3	70.8	79.6	93	64	71	70	71	71	71	91	92	65	69	79
July	29.33	29.95	29.50	29.14	76.1	73.7	88.1	87.6	73.2	72.3	75.8	75.5	93.2	74.1	83.6	97	68	72	72	71	71	71	87	94	58	58	74
August	29.33	29.95	29.50	29.15	77.2	74.1	90.8	89.6	73.3	72.6	75.7	75.1	95.5	74.7	85.1	100	71	72	72	69	69	71	84	93	50	52	70
September	29.29	29.91	29.54	28.93	74.4	71.6	86.8	84.4	71.3	70.1	74.0	72.9	90.2	71.4	80.8	97	62	70	69	68	68	69	85	93	55	59	73
October	29.36	29.99	29.62	29.00	69.9	67.9	78.0	74.4	68.0	66.7	70.0	68.9	82.2	66.3	74.2	90	44	67	66	66	66	66	91	94	68	76	82
November	29.47	30.11	29.95	29.11	51.6	47.4	64.7	60.9	48.7	45.6	55.0	53.8	69.7	46.6	58.2	84	29	46	44	47	48	46	81	88	55	63	72
December	29.43	30.08	29.90	28.92	49.9	47.4	58.4	56.5	47.2	45.4	51.6	51.5	62.8	44.7	53.8	81	32	44	43	45	47	45	83	86	64	71	76
Year	29.37	30.00	29.98	28.89	62.7	60.0	72.9	71.2	60.0	58.4	63.5	62.9	77.2	58.9	68.1	100	28	58	57	58	58	58	86	90	61	65	76

BAKER, OREGON
Airport [ϕ=44°50′ N.; λ=117°50′ W.] City [ϕ=44°46′ N.; λ=117°50′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 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 2) 26.48	(2) 30.14	(1 2) 26.87	(1 2) 26.02	(2) 28.1	(2) 27.0	(2) 34.0	(2) 33.6	(2) 27.3	(2) 26.3	(2) 31.8	(2) 31.6	39.3	25.4	32.4	49	11	(2) 28	(2) 26	(2) 29	(2) 29	(2) 27	(2) 91	(2) 92	(2) 80	(2) 82	(2) 86
February	26.41	30.04	26.76	25.87	31.5	29.2	36.9	39.6	30.5	28.4	34.2	36.3	43.0	27.1	35.0	51	19	29	27	31	32	30	91	92	78	75	84
March	26.44	30.04	26.83	25.97	34.7	28.9	47.4	52.7	32.6	28.1	39.9	42.4	54.8	29.9	42.4	67	19	30	27	31	30	29	81	92	53	44	68
April	26.36	29.94	26.64	25.88	40.3	33.8	52.8	55.5	37.8	32.8	43.9	45.6	58.5	33.9	46.2	75	24	35	32	34	36	34	82	91	52	50	69
May	26.40	29.95	26.82	26.08	47.5	42.0	59.3	62.0	44.8	40.8	49.8	50.9	65.4	40.5	53.0	87	32	42	40	42	42	41	83	92	54	51	70
June	26.42	29.96	26.66	26.18	51.4	46.6	62.4	66.1	48.8	45.3	53.4	55.3	70.5	45.5	58.0	90	36	47	44	46	47	46	86	92	59	56	73
July	26.47	29.97	26.64	26.25	60.5	50.9	76.9	82.0	54.4	49.2	60.2	62.2	85.8	53.0	69.4	99	46	50	48	49	49	49	70	90	40	36	59
August	26.47	29.98	26.56	26.32	57.4	50.6	70.3	73.9	52.7	48.6	57.8	59.2	78.8	50.8	64.8	91	41	49	47	49	49	49	76	87	51	47	65
September	26.42	29.98	26.66	26.19	45.6	41.1	57.8	61.5	43.1	39.9	49.4	50.1	64.3	39.8	52.0	78	31	41	39	42	40	40	82	92	58	47	70
October	26.48	30.08	26.80	26.17	40.6	34.8	50.3	54.1	37.7	33.8	44.4	46.0	57.7	34.1	45.9	71	23	36	33	38	38	36	84	92	66	58	75
November	26.54	30.17	26.84	26.08	33.6	30.6	41.8	41.9	32.2	30.0	37.7	38.1	49.0	28.9	39.0	61	15	30	28	33	33	31	88	92	71	79	80
December	26.36	29.99	26.81	25.85	31.5	29.1	33.8	32.5	30.2	28.0	31.9	31.0	39.1	24.4	31.8	57	4	29	27	30	29	28	89	91	84	86	88
Year	26.44	30.02	26.87	25.85	41.9	37.0	52.0	54.6	39.3	35.9	44.5	45.7	58.8	36.1	47.5	99	4	37	35	38	38	37	84	91	62	58	74

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Augusta, 182 feet; Austin, 605 feet; Baker, 3,471 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—**Continued**

ATLANTIC CITY, N. J.

[H=8 ft.; H_b=52 ft.; H_t=37 ft.; H_r=33 ft.; H_a=172 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: 0.84 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	4.31	2.23	[1]0.2	6.3	16.8	W.	45	NE.	8	8	7	16	11	6	6	3	0	7	2	1	0	2	0	0	22	0	0
February	3.09	1.57	[1]14.3	5.1	16.6	W.	38	NW.	6	13	6	9	7	5	6	4	0	4	3	1	0	2	0	0	24	0	1
March	2.86	[1]2.18	5.7	4.5	17.9	W.	54	NE.	10	15	6	10	6	5	4	2	0	3	0	0	0	1	0	0	21	0	0
April	2.99	1.07	.0	4.4	14.7	S.	46	E.	7	14	8	8	6	6	0	0	0	7	2	1	1	0	0	0	0	0	0
May	1.47	.74	.0	4.3	13.4	S.	41	NE.	5	13	14	4	11	5	0	0	0	3	0	0	0	0	4	0	0	0	2
June	4.12	2.50	.0	5.2	14.7	S.	36	NW.	4	11	10	9	6	6	0	0	0	9	5	3	2	0	0	0	0	0	7
July	3.97	1.12	.0	6.3	14.3	S.	40	NE.	4	8	9	14	13	13	0	0	0	12	5	2	0	0	2	1	0	0	7
August	2.93	1.92	.0	4.3	13.6	S.	34	S.	3	16	7	8	8	6	0	0	0	4	2	1	0	0	0	0	0	0	3
September	.01	.01	.0	4.0	14.7	S.	30	NE.	0	15	12	3	1	0	0	0	0	5	4	1	3	0	2	0	0	0	1
October	1.57	.58	.0	4.9	15.1	SW.	40	S.	4	12	11	8	7	5	0	0	0	1	0	0	0	0	2	0	0	0	1
November	1.31	.73	.0	4.6	14.7	W.	38	S.	3	12	10	8	4	3	0	0	0	4	2	0	2	0	0	0	2	0	0
December	3.43	2.12	T	5.8	15.6	W.	47	SE.	8	9	11	11	7	4	1	0	0	7	5	0	3	0	0	0	12	0	2
Year	32.06	2.50	20.2	5.0	15.2	W.	54	NE.	62	146	111	108	87	64	17	9	0	66	30	10	11	5	10	1	81	0	24

AUGUSTA, GA.

Airport [H=42° ft.; H_b=426 ft.; H_t=29 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.]

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	0.84 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	1.93	1.26	0.0	5.0	5.3	NW.	19	W.	0	14	4	13	5	5	0	0	0	4	3	3	1	0	0	0	8	0	0
February	1.82	.41	.0	4.6	6.2	NW.	22	NW.	0	11	9	8	8	8	0	0	0	1	0	0	0	0	0	0	14	0	0
March	4.84	1.63	T	5.9	6.9	NW.	24	NW.	0	9	10	12	13	11	1	0	1	0	0	0	0	0	0	0	5	0	2
April	1.86	1.07	.0	5.3	5.8	E.	21	W.	0	10	10	10	8	8	0	0	0	1	0	0	0	0	1	0	0	0	3
May	.20	.20	.0	2.9	5.9	S.	20	W.	0	23	4	4	1	1	0	0	0	2	0	0	0	0	13	6	0	0	0
June	10.05	2.12	.0	7.3	5.4	SE.	24	NW.	0	6	6	18	17	16	0	0	0	1	0	0	0	0	12	4	0	0	11
July	6.86	2.75	.0	6.2	5.0	S.	20	NW.	0	4	16	11	11	11	0	0	0	0	0	0	0	0	20	3	0	0	14
August	2.10	.79	.0	4.9	5.1	S.	23	SW.	0	10	16	5	12	8	0	0	0	4	0	0	0	0	20	8	0	0	11
September	.86	.75	.0	4.0	5.8	NE.	19	NW.	0	15	10	5	3	2	0	0	0	2	0	0	0	0	14	5	0	0	0
October	1.52	.77	.0	4.7	5.1	SE.	19	SW.	0	12	11	8	5	4	0	0	0	4	1	1	0	0	4	0	0	0	0
November	.57	.41	.0	3.7	5.1	NW.	19	W.	0	16	7	7	2	2	0	0	0	2	2	1	1	0	0	0	3	0	0
December	6.71	3.11	.0	5.3	5.1	NW.	17	NW.	0	13	6	12	8	6	0	0	0	3	2	2	1	0	0	0	2	0	1
Year	39.32	3.11	T	5.0	5.5	NW.	24	NW.	0	143	109	113	93	82	1	0	0	24	8	7	3	0	84	26	32	0	42

AUSTIN, TEX.

Airport [H=617 ft.; H_b=621 ft.; H_t=5 ft.; H_r=3 ft; H_a=30 ft.] City [H=531 ft.; H_b=605 ft.; H_t=68 ft.; H_r=60 ft.; H_a=90 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	0.84 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	1.52	1.94	0.0	5.8	6.8	N.	24	SW.	0	9	9	13	6	3	0	0	0	6	1	1	0	0	0	0	2	0	2
February	3.06	1.07	.0	7.1	7.5	N.	29	SW.	0	5	6	17	10	8	0	0	0	5	0	0	0	0	0	0	0	0	1
March	4.66	2.08	.0	6.7	8.7	N.	28	NW.	0	9	5	17	9	6	0	0	1	4	0	0	0	0	0	0	0	0	3
April	5.70	1.45	.0	6.5	8.4	SE.	20	SE.	0	7	7	16	15	11	0	0	0	5	0	0	0	0	0	0	0	0	
May	3.85	1.55	.0	6.2	7.2	S.	29	NE.	0	5	15	11	8	7	0	0	0	1	0	0	0	0	2	0	0	0	6
June	12.60	8.65	.0	6.0	7.2	S.	35	NW.	1	5	15	10	10	8	0	0	0	1	1	1	0	0	9	0	0	0	7
July	3.37	2.05	.0	4.2	6.5	S.	21	NW.	0	15	13	3	4	4	0	0	0	0	0	0	0	0	28	8	0	0	3
August	.07	.04	.0	4.2	6.9	S.	21	W.	0	15	11	5	2	1	0	0	0	0	0	0	0	0	29	21	0	0	1
September	.72	.41	.0	5.5	7.5	E.	29	E.	0	4	20	6	5	4	0	0	0	0	0	0	0	0	18	5	0	0	0
October	7.12	2.32	.0	7.2	6.4	S.	24	NW.	0	2	14	15	13	10	0	0	0	6	5	4	0	0	3	0	0	0	5
November	1.24	.89	.0	5.4	5.6	N.	21	N.	0	9	11	10	4	3	0	0	0	4	2	1	1	0	0	0	2	0	2
December	2.25	.85	.0	7.1	6.3	N.	24	W.	0	6	8	17	9	7	0	0	0	7	2	1	2	0	0	0	0	0	2
Year	46.16	8.65	.0	6.0	7.1	S.	35	NW.	1	91	134	140	95	72	0	0	1	39	11	8	3	0	89	34	4	0	36

BAKER, OREGON

Airport [H=3368 ft.; H_b=3373 ft.; H_t=5 ft.; H_r=3 ft.; H_a=28 ft.] City [H=3445 ft.; H_b=3471 ft.; H_t=36 ft.; H_r=41 ft.; H_a=54 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	0.84 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	0.69	0.28	7.7	6.9	5.9	S.	17	S.	0	7	6	18	11	5	13	8	0	0	0	0	0	3	0	0	27	0	0
February	1.31	.38	7.2	7.2	5.5	SE.	17	S.	0	2	11	15	9	8	9	6	0	3	0	0	0	0	0	0	22	0	0
March	.04	.02	T	4.7	6.7	S.	23	SW.	0	15	4	12	3	0	1	0	0	0	0	0	0	0	0	0	21	0	0
April	1.33	.57	T	5.9	6.9	S.	22	N.	0	10	6	14	11	8	3	0	0	0	0	0	0	0	0	0	10	0	4
May	1.04	.26	T	6.7	5.8	N.	26	SW.	0	5	9	17	13	8	1	0	0	0	0	0	0	0	0	0	2	0	2
June	3.02	.98	.0	6.6	5.4	N.	25	SW.	0	6	8	16	15	12	0	0	0	1	0	0	0	0	1	0	0	0	6
July	.71	.32	.0	2.5	5.7	S.	26	SW.	0	22	6	3	6	5	0	0	0	0	0	0	0	0	8	3	0	0	6
August	1.31	.34	.0	5.9	5.3	S.	17	SE.	0	6	14	11	10	8	0	0	0	0	0	0	0	0	3	0	0	0	6
September	.67	.23	.0	5.9	5.5	S	21	NW.	0	7	10	13	8	7	0	0	2	0	0	0	0	0	0	0	2	0	1
October	1.01	.49	.0	5.8	5.8	S.	19	N.	0	7	13	11	8	8	0	0	1	1	1	0	0	0	0	0	12	0	0
November	.75	.49	.1	7.0	6.1	S.	27	SW.	0	6	7	17	6	4	3	1	1	0	0	0	0	1	0	0	19	0	0
December	1.98	.60	9.9	8.3	6.3	S.	26	NE.	0	3	5	23	18	9	16	11	0	0	1	0	0	6	0	0	25	0	0
Year	13.86	.98	24.9	6.1	5.9	S.	27	SW.	0	96	99	170	118	82	46	26	4	5	2	0	0	10	12	3	140	0	25

[1] Estimated.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

BALTIMORE, MD.

Airport [ϕ=39°15′ N.; λ=76°32′ W.] City [ϕ=39°17′ N.; λ=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 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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	30.02	30.16	30.49	29.50	31.5	29.8	38.1	33.6	29.2	27.5	33.4	30.8	40.7	28.7	34.7	55	18	25	23	26	26	25	75	75	62	72	71
February	29.82	29.96	30.22	29.13	29.8	27.4	38.2	33.5	26.7	24.9	32.6	29.7	40.9	27.1	34.0	52	19	20	19	22	22	21	66	70	53	62	63
March	29.86	29.99	30.33	29.28	34.7	33.4	45.6	39.8	31.1	29.9	37.4	34.4	48.6	31.6	40.1	68	15	25	23	25	26	25	66	65	46	57	59
April	29.94	30.08	30.27	29.39	51.7	52.5	68.3	61.2	47.4	47.7	54.8	52.2	70.2	50.7	60.4	94	39	43	43	43	44	43	74	71	43	56	61
May	29.84	29.96	30.25	29.45	60.0	62.8	78.3	68.7	54.2	55.5	60.9	58.5	79.5	57.1	68.3	98	41	49	50	48	50	49	69	63	36	54	55
June	29.84	29.98	30.10	29.38	66.7	69.3	79.7	73.8	63.5	64.1	68.3	67.2	82.5	64.6	73.6	95	57	62	61	62	63	62	84	76	58	72	72
July	29.84	29.97	30.06	29.55	72.5	74.0	84.9	78.0	69.1	69.7	73.5	71.7	86.4	70.4	78.4	103	63	68	68	68	69	68	85	81	60	74	75
August	29.85	29.98	30.22	29.52	69.7	70.8	85.4	77.7	65.0	64.3	70.0	68.5	86.4	67.6	77.0	99	58	62	60	62	63	62	78	71	46	63	65
September	29.99	30.12	30.30	29.62	66.2	66.3	82.2	73.0	61.5	60.9	66.6	64.5	83.1	63.4	73.2	97	50	58	57	57	59	58	77	74	44	63	64
October	29.98	30.11	30.43	29.61	59.8	57.7	72.2	64.5	55.1	53.8	59.8	56.8	74.2	56.0	65.1	97	36	51	51	50	50	50	74	78	48	62	66
November	29.94	30.08	30.38	29.25	45.3	42.6	58.7	51.5	41.2	39.4	48.6	45.4	61.0	42.9	52.0	77	32	36	35	38	38	37	71	76	47	61	64
December	29.97	30.11	30.44	29.25	38.8	36.9	44.8	41.3	35.7	33.9	38.6	37.1	49.4	35.6	42.5	66	23	31	29	29	30	30	72	73	55	66	66
Year	29.91	30.04	30.49	29.13	52.2	52.0	64.7	58.0	48.3	47.6	53.7	51.4	66.9	49.6	58.3	103	15	44	43	44	45	44	74	73	50	64	65

BILLINGS, MONT.

Airport [ϕ=45°48′ N.; λ=108°32′ W.]

January	26.35	30.12	26.66	25.92	26.7	24.1	31.4	34.6	23.3	21.3	26.7	28.3	40.7	18.9	29.8	59	−3	17	16	19	18	18	69	73	63	54	65
February	26.32	30.08	26.59	25.69	26.9	22.1	32.0	36.8	23.3	19.9	26.9	29.8	41.6	18.3	30.0	64	1	17	16	19	19	18	69	78	62	53	65
March	26.34	30.08	26.80	25.92	31.8	28.3	37.6	42.1	28.7	26.2	32.6	34.6	46.5	24.4	35.4	69	4	24	23	26	25	24	76	82	56	56	70
April	26.24	29.93	26.53	25.78	41.4	36.7	46.4	52.6	37.7	34.3	40.0	42.5	55.6	34.7	45.2	75	19	33	31	33	31	32	74	80	52	48	66
May	26.24	29.85	26.80	25.77	55.5	48.8	63.5	67.2	47.5	44.2	50.7	52.3	72.2	46.4	59.3	90	38	40	39	39	39	39	59	71	44	41	54
June	26.27	29.86	26.55	25.96	60.5	55.2	69.7	72.7	53.2	50.7	56.8	56.8	76.3	52.7	64.5	100	41	48	47	48	45	47	66	77	49	42	58
July	26.36	29.93	26.58	26.06	69.1	60.9	78.8	82.0	57.9	54.8	62.0	61.5	86.7	59.1	72.9	98	48	50	50	51	48	50	54	70	41	34	50
August	26.34	29.93	26.56	26.11	67.8	60.5	75.0	78.2	57.5	54.6	61.0	60.6	83.1	58.5	70.8	101	48	51	50	52	49	50	57	71	48	40	54
September	26.25	29.90	26.62	25.93	51.6	46.8	58.0	59.6	45.8	42.9	49.4	49.6	64.6	43.3	54.0	85	29	40	39	42	41	41	70	77	59	57	66
October	26.35	30.04	26.71	26.03	43.3	38.1	50.2	52.0	38.6	35.3	42.0	43.1	57.5	34.5	46.0	73	17	33	32	33	34	33	70	79	55	53	64
November	26.32	30.04	26.74	25.89	37.6	35.0	42.9	42.8	32.7	30.8	35.9	35.8	48.7	30.8	39.8	65	−4	26	24	27	27	26	63	66	56	55	60
December	26.24	30.00	26.62	25.69	27.3	24.9	30.3	30.6	24.0	22.2	25.7	26.3	37.1	19.5	28.3	63	−17	19	18	19	20	19	74	78	68	68	72
Year	26.30	29.98	26.80	25.69	45.0	40.1	51.3	54.3	39.2	36.4	42.5	43.4	59.2	36.8	48.0	101	−17	33	32	34	33	33	67	75	56	50	62

BINGHAMTON, N. Y.

[ϕ=42°06′ N.; λ=75°55′ W.]

January	29.19	30.16	29.64	28.62	22.4	21.6	26.8	24.4	21.2	20.4	24.5	22.7	30.6	16.8	23.7	44	2	19	18	20	19	19	84	84	73	78	80
February	28.97	29.93	29.35	28.26	20.6	18.5	28.4	24.9	19.1	17.1	25.5	22.7	31.4	15.0	23.2	46	−7	16	14	20	18	17	79	81	68	73	75
March	29.03	29.99	29.50	28.47	25.4	21.9	33.2	30.1	23.6	20.5	29.3	27.2	37.5	19.1	28.3	51	4	20	17	23	22	20	80	82	64	70	74
April	29.16	30.10	29.49	28.68	46.2	44.2	61.9	57.1	43.1	41.5	51.3	49.2	65.3	39.9	52.6	92	27	40	39	42	42	41	80	81	51	59	68
May	29.04	29.97	29.34	28.66	51.8	52.3	67.9	63.1	48.7	48.1	55.5	53.9	70.7	45.8	58.2	91	31	46	45	45	46	45	81	76	47	55	64
June	29.06	29.98	29.32	28.74	61.3	62.1	76.9	72.0	58.4	58.2	63.9	62.9	79.3	56.3	67.8	94	44	56	56	56	57	56	85	80	51	62	70
July	29.06	29.96	29.35	28.74	66.9	67.2	80.7	76.9	64.1	63.5	68.6	67.6	84.3	62.2	73.2	96	48	62	62	62	62	62	86	82	55	63	72
August	29.06	29.98	29.45	28.72	60.6	59.5	76.4	70.9	58.0	56.7	62.7	62.1	79.4	54.7	67.0	90	41	56	55	54	56	56	86	85	48	62	70
September	29.19	30.12	29.50	28.75	57.6	55.2	75.6	67.8	54.0	52.3	61.7	58.7	78.7	50.1	64.4	94	30	52	50	52	52	52	81	85	46	59	68
October	29.16	30.10	29.67	28.71	51.2	49.9	60.7	55.7	47.9	46.5	52.3	49.9	64.3	44.7	54.5	87	27	45	43	45	45	44	79	79	58	67	71
November	29.08	30.03	29.56	28.43	41.2	39.4	49.6	45.4	37.9	36.7	42.9	40.5	52.9	35.5	44.2	72	23	34	33	35	34	34	75	77	60	67	70
December	29.12	30.08	29.63	28.34	31.4	30.8	37.0	33.7	29.7	29.2	32.9	31.2	40.3	25.4	32.8	68	7	27	27	27	26	27	83	84	66	77	68
Year	29.09	30.03	29.67	28.26	44.7	43.6	56.3	51.8	42.1	40.9	47.6	45.7	59.6	38.8	49.2	96	−7	39	38	40	40	39	82	81	57	66	72

BIRMINGHAM, ALA.

Airport [ϕ=33°34′ N.; λ=86°45′ W.] City [ϕ=33°32′ N.; λ=86°50′W.]

	(1 2)	(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	29.43	30.19	29.79	28.84	40.8	37.6	51.4	46.7	37.9	35.4	43.7	41.8	55.9	37.5	46.7	71	25	34	32	34	36	34	78	82	54	67	70
February	29.32	30.08	29.61	28.88	36.9	34.5	46.0	44.1	34.2	32.0	38.4	38.2	50.6	34.0	42.3	63	23	30	28	28	30	29	76	78	51	58	66
March	29.31	30.07	29.70	28.96	42.4	40.7	54.1	51.4	39.3	38.1	44.8	44.7	58.5	38.7	48.6	72	21	35	34	33	37	35	76	79	48	60	66
April	29.32	30.05	29.63	28.93	57.5	56.5	72.0	68.9	53.3	53.0	59.1	58.3	76.0	55.8	65.9	85	46	60	50	50	50	50	78	80	48	54	65
May	29.31	30.04	29.55	29.04	62.8	62.8	81.5	78.2	58.4	58.6	64.5	63.7	85.0	62.1	73.6	95	46	56	56	54	54	55	78	79	40	45	60
June	29.27	30.00	29.49	29.04	70.8	71.6	83.6	81.4	67.4	68.1	70.1	70.1	88.6	68.8	78.7	96	62	66	66	63	64	65	84	84	53	59	70
July	29.27	29.99	29.41	29.13	73.5	73.7	86.3	80.0	71.8	72.0	75.0	73.7	89.1	71.6	80.4	95	69	71	71	70	71	71	92	92	60	76	80
August	29.28	30.01	29.51	29.13	72.3	71.5	84.5	80.0	70.6	70.1	74.2	74.2	87.9	70.4	79.2	95	64	70	69	70	72	70	92	94	64	77	82
September	29.33	30.06	29.55	29.05	70.1	67.8	85.6	78.2	66.0	65.0	71.1	70.2	89.2	68.5	78.8	95	56	64	64	64	66	64	82	87	49	68	71
October	29.37	30.11	29.59	29.08	63.1	60.5	78.9	71.0	60.5	58.8	66.4	64.7	82.0	62.1	72.0	94	45	59	58	59	61	59	87	90	53	72	75
November	29.39	30.14	29.69	28.90	45.2	42.0	59.7	50.4	43.0	40.2	49.7	48.5	64.1	43.0	53.6	77	28	41	38	40	43	40	85	88	51	75	75
December	29.36	30.12	29.67	28.80	43.2	40.6	54.7	48.0	40.8	38.9	47.1	44.4	58.2	41.5	49.8	71	27	38	37	39	40	38	83	87	58	70	76
Year	29.33	30.07	29.79	28.80	56.6	55.0	69.9	64.9	53.6	52.5	58.7	57.5	73.8	54.5	64.1	96	21	51	50	50	52	51	82	85	52	66	71

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Baltimore, 123 feet; Birmingham, 700 feet.

[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

BALTIMORE, MD.

Airport [H=16 ft.; H_b=16 ft.; H_t=30 ft.; H_r=30 ft.; H_a=72 ft.] City [H=14 ft.; H_b=123 ft.; H_t=100 ft.; H_r=90 ft.; H_a=215 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: 0.84 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	3.29	1.12	5.5	6.0	10.6	N.	35	SW.	1	11	6	14	10	8	6	4	0	13	2	2	0	2	0	0	25	0	0
February	1.07	.44	4.8	4.6	12.6	NW.	41	SW.	5	14	6	8	5	4	10	3	0	8	5	2	1	1	0	0	25	0	0
March	2.20	1.40	12.1	5.4	12.5	NW.	40	SW.	3	10	9	12	6	5	8	4	0	6	2	2	0	1	0	0	15	0	0
April	3.29	1.74	.0	4.2	10.3	N.	31	NW.	0	14	9	7	7	5	0	0	0	3	0	0	0	0	2	0	0	0	0
May	3.61	1.66	.0	4.3	10.8	SW.	39	SW.	4	16	9	6	10	9	0	0	1	1	0	0	0	0	8	3	0	0	5
June	7.77	3.65	.0	5.6	9.0	S.	38	NE.	2	9	11	10	10	10	0	0	3	6	3	2	2	0	9	2	0	0	7
July	5.61	1.62	.0	6.3	9.4	S.	36	NW.	1	8	8	15	15	11	0	0	0	2	0	0	0	0	8	4	0	0	9
August	1.60	.72	.0	4.1	9.1	S.	32	NW.	1	15	11	5	5	4	0	0	0	4	0	0	0	0	10	2	0	0	3
September	.50	.36	.0	3.6	9.9	S.	32	SW.	1	16	10	4	2	2	0	0	0	5	2	0	0	0	2	9	0	0	3
October	.99	.55	.0	5.6	9.6	SW.	32	NW.	1	10	9	12	8	3	0	0	0	7	1	1	0	0	5	3	0	0	1
November	1.32	.81	.0	4.5	9.3	SW.	29	S.	0	13	12	5	5	3	0	0	0	5	1	0	0	0	0	0	1	0	0
December	3.48	2.23	.1	5.8	10.3	SW.	41	S.	2	8	11	12	7	6	2	1	0	7	4	3	3	0	0	0	15	0	2
Year	34.73	3.65	22.5	5.0	10.3	SW.	41	SW.	21	144	111	110	90	70	26	12	4	67	20	12	6	4	44	23	81	0	30

BILLINGS, MONT.

Airport [H=3568 ft.; H_b=3570 ft.; H_t=5 ft.; H_r=3 ft.; H_a=39 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: 0.84 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	0.03	1.2	6.8	11.3	SW.	31	SW.	0	8	7	16	3	0	11	3	0	0	0	0	0	7	0	0	29	2	0
February	.20	.08	5.2	5.5	11.4	SW.	29	SW.	0	7	12	9	4	4	9	4	0	2	1	1	1	6	0	0	25	0	0
March	.63	.39	6.2	7.0	11.1	NE.	45	N.	4	4	12	15	11	2	17	8	0	5	3	3	4	5	0	0	25	0	0
April	2.00	1.42	18.0	6.0	11.2	SW.	36	NE.	4	8	11	11	11	7	3	2	0	3	0	2	3	1	0	0	10	0	1
May	2.00	.56	.0	5.6	10.1	SW.	49	N.	6	7	15	9	12	9	0	0	2	3	1	2	1	0	0	0	0	0	4
June	3.09	1.12	.0	6.3	10.8	NE.	42	N.	7	7	10	13	10	8	0	0	1	2	0	0	0	0	4	3	0	0	6
July	1.17	.47	.0	4.6	8.9	SW.	35	NW.	6	11	15	5	8	8	0	0	0	4	1	1	1	0	10	5	0	0	13
August	1.11	.32	.0	6.1	9.4	SW.	41	NW.	6	3	17	11	10	5	0	0	2	1	1	1	1	0	5	3	0	0	6
September	4.99	1.81	6.0	7.1	10.3	SW.	41	NW.	5	4	10	16	12	11	2	2	0	4	3	1	0	0	0	0	2	0	3
October	1.24	.99	1.0	4.7	10.8	SW.	45	NW.	1	10	15	6	5	3	4	4	0	2	2	0	0	2	0	0	7	0	1
November	1.20	.49	7.4	6.3	13.6	SW.	45	NW.	5	7	10	13	8	6	5	5	0	2	0	0	1	6	0	0	13	1	0
December	1.13	.39	11.3	6.8	11.5	SW.	45	NW.	2	5	11	15	10	8	13	9	0	7	4	6	4	10	0	0	23	5	0
Year	18.80	1.81	56.3	6.1	10.9	SW.	49	N.	46	81	145	139	104	71	64	37	5	35	16	17	16	37	19	11	134	8	34

BINGHAMTON, N. Y.

[H=858 ft.; H_b=870 ft.; H_t=57 ft.; H_r=49 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	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.84 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	2.18	0.68	23.0	8.0	6.9	NW.	28	W.	0	2	7	22	18	12	27	16	0	13	1	1	0	19	0	0	31	0	0
February	1.21	.78	7.8	7.3	8.3	NW.	21	W.	0	5	3	20	13	5	21	12	0	7	0	0	0	17	0	0	27	1	0
March	2.65	1.20	27.5	6.8	7.6	NW.	30	NW.	0	5	10	16	13	8	20	11	0	10	3	3	2	8	0	0	28	0	0
April	1.87	.97	T	4.7	6.2	NE.	24	SW.	0	12	9	9	11	9	1	0	0	15	2	2	2	0	1	0	8	0	2
May	2.09	.88	.0	6.5	5.8	NW.	21	NW.	0	7	10	14	13	10	0	0	0	18	9	8	3	0	1	0	2	0	5
June	2.82	1.27	.0	6.3	5.7	E.	23	SW.	0	7	8	15	10	9	0	0	0	20	11	11	3	0	4	0	0	0	6
July	6.42	2.18	.0	6.8	4.8	W.	22	NW.	0	4	10	17	12	10	0	0	0	21	11	9	2	0	6	2	0	0	8
August	1.88	.61	.0	5.6	5.0	W.	18	W.	0	7	15	9	10	7	0	0	0	20	13	10	3	0	0	0	0	0	3
September	.52	.36	.0	4.7	5.5	W.	18	W.	0	12	9	9	5	3	0	0	0	16	9	9	4	0	3	0	1	0	2
October	2.47	.75	T	7.9	5.8	W.	21	W.	0	2	10	19	15	12	2	0	0	16	6	4	3	0	0	0	3	0	1
November	2.43	.95	.1	7.5	6.2	W.	22	SE.	0	3	9	18	9	8	7	3	0	11	3	3	1	0	0	0	8	0	0
December	2.89	1.26	4.8	8.3	6.5	W.	19	SW.	0	2	8	21	15	7	16	7	0	17	3	0	0	7	0	0	25	0	1
Year	29.43	2.18	63.2	6.7	6.2	W.	30	NW.	0	68	108	189	144	100	94	49	0	184	71	60	23	51	15	2	133	1	28

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.]

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: 0.84 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	2.48	0.85	T	4.9	7.3	N.	22	SE.	0	10	10	11	7	6	1	0	0	0	0	0	0	0	0	0	11	0	0
February	2.91	1.58	3.5	5.6	7.1	N.	22	SE.	0	11	3	14	11	9	3	2	1	0	0	0	0	0	0	0	12	0	1
March	5.44	1.90	.0	6.5	8.2	N.	27	S.	0	8	5	18	13	12	0	0	1	0	0	0	0	0	0	0	7	0	3
April	3.02	1.78	.0	5.8	7.2	S.	23	S.	0	11	4	15	9	6	0	0	0	0	0	0	0	0	0	0	0	0	4
May	1.05	.41	.0	4.1	6.2	N.	23	SE.	0	15	11	5	7	4	0	0	0	0	0	0	0	0	9	0	0	0	5
June	2.62	.60	.0	5.8	5.9	SW.	23	S.	0	7	12	11	10	8	0	0	0	0	0	0	0	0	16	1	0	0	8
July	10.33	2.40	.0	6.7	5.3	S.	21	S.	0	1	19	11	21	16	0	0	1	2	0	0	0	0	16	2	0	0	21
August	9.93	4.15	.0	5.8	4.8	N.	23	NE.	0	7	15	9	12	9	0	0	0	3	0	0	0	0	12	1	0	0	14
September	1.77	1.14	.0	3.7	6.2	E.	21	SE.	0	16	12	2	7	5	0	0	0	1	1	0	0	0	16	1	0	0	3
October	3.43	2.09	.0	4.8	6.7	SE.	25	SE.	0	13	9	9	6	5	0	0	0	0	0	0	0	0	5	0	0	0	2
November	1.67	.96	T	4.7	6.2	N.	27	SE.	0	13	7	10	5	4	2	0	0	0	0	0	0	0	0	0	4	0	2
December	5.40	1.96	T	5.9	7.2	N.	30	SE.	0	10	8	13	9	9	1	0	0	0	0	0	0	0	0	0	4	0	3
Year	50.05	4.15	3.5	5.4	6.5	N.	30	SE.	0	122	115	128	117	93	7	2	3	6	1	0	0	0	74	5	38	0	66

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

BISMARCK, N. DAK.
Airport [ϕ=46°47′ N.; λ=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.	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.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
			(1)	(1)																							
January	28.34	30.24	28.74	27.94	10.9	7.6	14.6	14.3	10.4	7.2	13.4	13.4	21.4	1.7	11.6	47	−18	8	5	10	11	8	88	89	80	85	86
February	28.32	30.21	28.74	27.71	12.3	10.1	19.4	21.0	11.4	9.4	17.2	18.8	25.6	4.9	15.2	46	−24	8	7	11	13	10	83	86	68	69	76
March	28.32	30.17	28.79	27.82	22.9	20.1	31.5	32.7	21.7	19.3	27.7	29.1	36.6	16.7	26.6	64	−4	19	17	21	23	20	84	88	65	69	77
April	28.17	29.98	28.60	27.81	42.0	38.5	50.1	51.1	39.9	37.2	43.9	44.4	55.0	36.2	45.6	77	20	37	36	37	37	37	84	90	64	63	75
May	28.11	29.88	28.68	27.60	55.0	50.5	66.4	67.9	50.0	47.4	54.6	55.5	72.5	46.7	59.6	98	27	46	44	45	45	45	73	80	52	49	64
June	28.14	29.90	28.52	27.76	60.9	57.8	72.6	73.5	57.0	55.2	61.7	62.2	77.1	54.8	66.0	96	42	54	53	55	56	55	81	86	57	57	70
July	28.19	29.94	28.48	27.85	66.7	62.5	81.4	82.6	60.9	58.8	65.7	65.7	87.1	59.5	73.3	101	44	57	56	57	56	57	74	82	45	42	61
August	28.20	29.95	28.50	27.82	64.4	60.2	78.0	79.6	58.2	56.6	63.1	63.2	84.3	57.8	71.0	109	42	54	54	54	52	53	71	81	45	42	60
September	28.10	29.88	28.60	27.72	53.4	49.1	63.0	63.7	49.8	46.9	53.8	54.1	68.5	46.0	57.2	94	29	47	45	47	47	46	80	86	59	57	70
October	28.22	30.03	28.68	27.72	40.6	38.4	53.2	49.8	38.3	36.7	45.1	43.7	57.5	34.1	45.8	70	15	36	34	36	37	36	82	86	55	63	71
November	28.18	30.02	28.56	27.81	29.0	28.1	36.7	34.0	27.4	26.6	32.5	31.0	41.5	23.5	32.5	62	3	25	24	26	26	25	84	85	67	74	77
December	28.18	30.04	28.74	27.48	21.4	18.5	28.3	25.9	19.8	17.5	24.8	23.1	34.0	13.5	23.8	55	−5	16	15	18	18	17	80	86	65	71	76
Year	28.21	30.02	28.79	27.48	40.0	36.8	49.6	49.7	37.1	34.9	42.0	42.0	55.1	33.0	44.0	109	−24	34	32	35	35	34	80	85	60	62	72

BLOCK ISLAND, R. I.
[ϕ=41°10′ N.; λ=71°36′ 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	30.04	30.07	30.54	29.45	29.2	27.3	31.9	31.2	27.2	25.4	28.9	28.4	34.5	23.6	29.0	45	7	23	21	23	22	22	75	76	69	68	72
February	29.80	29.83	30.32	28.87	29.3	27.8	32.8	32.1	26.9	25.4	29.3	29.1	35.4	25.2	30.3	47	13	22	20	22	23	22	73	70	64	68	69
March	29.84	29.87	30.43	29.30	32.0	31.6	36.6	34.3	30.1	28.9	32.6	31.4	39.2	27.8	33.5	48	15	27	24	26	26	25	79	71	65	71	71
April	30.03	30.06	30.44	29.57	43.8	45.6	52.4	45.1	41.2	42.3	46.0	42.4	54.5	39.6	47.0	73	33	38	38	39	39	39	82	77	63	80	75
May	29.87	29.90	30.22	29.42	51.3	53.5	60.2	54.1	48.2	49.4	52.2	49.2	63.5	47.5	55.5	84	36	45	45	46	44	45	80	75	62	72	73
June	29.92	29.95	30.21	29.53	59.0	60.6	65.3	60.7	56.6	57.1	59.7	57.0	68.4	55.7	62.0	82	48	55	54	56	54	55	87	81	74	81	81
July	29.94	29.97	30.21	29.53	65.4	67.0	71.0	67.2	63.9	64.4	66.4	65.1	73.0	62.8	67.9	80	57	63	63	64	64	63	92	87	80	90	87
August	29.91	29.94	30.34	29.48	65.8	66.8	72.9	67.8	62.7	62.8	64.8	62.8	74.7	62.5	68.6	84	55	60	60	60	60	60	84	80	65	78	77
September	30.06	30.09	30.40	29.64	61.8	62.6	68.5	63.3	58.6	58.7	60.6	59.3	70.8	57.5	64.2	82	48	56	56	55	56	56	82	79	63	79	76
October	30.04	30.07	30.60	29.54	55.9	55.5	60.2	57.0	52.0	51.7	54.1	52.6	62.5	50.5	56.5	79	38	48	48	48	48	48	76	76	66	74	73
November	30.00	30.03	30.52	29.41	48.2	47.5	51.5	49.2	44.5	44.0	46.2	45.1	54.3	43.3	48.8	63	30	40	40	40	40	40	74	75	66	72	72
December	30.00	30.03	30.58	29.18	37.8	36.9	41.1	39.7	35.2	34.4	37.6	36.8	44.1	32.0	38.0	57	13	31	30	32	32	31	76	75	70	74	74
Year	29.96	29.98	30.60	28.87	48.3	48.6	53.7	50.1	45.6	45.4	48.2	46.6	56.2	44.0	50.1	84	7	42	42	43	42	42	80	77	67	76	75

BOISE, IDAHO
Airport [ϕ=43°34′ N.; λ=116°13′ 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)																							
January	27.26	30.17	27.67	26.81	31.2	29.4	34.6	36.5	29.8	28.3	32.1	34.0	40.2	26.3	33.2	48	14	28	27	29	31	28	86	89	78	80	83
February	27.16	30.04	27.54	26.56	35.6	34.1	40.7	45.0	34.0	32.4	36.9	40.0	48.1	30.8	39.4	58	25	32	30	32	34	32	86	86	72	68	78
March	27.15	30.00	27.54	26.62	41.2	36.5	49.9	56.0	35.9	33.0	41.0	43.2	58.1	32.8	45.4	73	20	29	28	30	28	29	63	72	46	35	54
April	27.06	29.89	27.36	26.58	46.2	40.9	55.1	59.5	40.8	37.7	45.5	46.3	62.0	38.2	50.1	80	31	35	34	36	32	34	66	77	50	39	58
May	27.10	29.91	27.48	26.69	54.3	49.0	63.3	67.6	48.8	45.4	52.5	53.4	71.0	45.9	58.4	93	33	44	42	44	42	43	71	78	52	42	61
June	27.09	29.89	27.35	26.80	59.0	53.5	67.3	72.8	52.6	49.5	55.5	56.7	75.4	50.4	62.9	99	40	48	46	47	44	46	68	78	52	41	60
July	27.12	29.89	27.32	26.80	70.9	62.0	80.6	88.9	57.9	53.8	62.4	63.7	90.5	60.4	75.4	101	53	49	48	51	48	49	48	61	37	26	43
August	27.13	29.91	27.37	26.93	67.1	60.2	75.3	82.3	57.1	53.7	60.7	61.6	84.5	57.3	70.9	96	47	50	49	52	48	50	57	67	45	33	50
September	27.11	29.92	27.37	26.88	53.9	48.0	63.0	68.3	45.8	43.3	51.7	53.6	71.1	44.7	57.9	86	32	38	38	42	42	40	56	70	49	39	54
October	27.19	30.03	27.54	26.85	47.5	43.6	55.3	59.3	42.1	39.8	46.3	48.6	62.7	39.1	50.9	75	26	38	36	37	38	37	68	75	53	49	61
November	27.29	30.17	27.62	26.84	38.4	36.2	44.0	46.3	35.8	34.0	39.2	41.2	51.7	32.4	42.0	68	16	33	31	34	36	33	80	81	67	67	74
December	27.12	30.02	27.58	26.71	34.4	33.0	36.5	36.7	32.5	31.3	33.6	34.2	42.1	27.9	35.0	60	0	30	29	30	31	30	84	86	76	81	82
Year	27.15	29.99	27.67	26.56	48.3	43.9	55.5	59.9	42.8	40.2	46.4	48.0	63.1	40.5	51.8	101	0	38	36	39	38	38	69	77	56	50	63

BOSTON, MASS.
Airport [ϕ=42°22′ N.; λ=71°02′ 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)																							
January	29.94	30.08	30.42	29.31	24.2	22.4	29.1	26.9	22.1	20.5	25.6	24.3	31.6	18.9	25.2	48	3	16	15	18	18	16	69	71	61	67	67
February	29.68	29.82	30.25	28.72	26.2	24.3	33.7	31.4	23.7	21.9	28.8	27.8	36.4	22.3	29.4	47	8	17	16	18	20	18	68	68	53	62	63
March	29.71	29.85	30.31	29.21	30.5	29.7	36.9	34.5	27.1	26.3	31.0	29.9	40.5	26.2	33.4	56	12	20	19	20	21	20	63	63	52	57	59
April	29.92	30.05	30.32	29.50	47.2	47.8	57.2	51.9	41.6	41.8	47.0	44.7	60.7	42.4	51.6	89	32	34	34	36	36	35	63	61	48	59	58
May	29.74	29.88	30.07	29.21	54.9	57.2	66.2	60.9	48.8	50.3	53.9	52.2	69.2	50.5	59.8	92	36	43	44	43	44	43	66	63	48	58	58
June	29.80	29.93	30.10	29.47	63.1	65.4	74.5	68.3	58.1	58.8	62.6	60.8	77.2	59.1	68.2	96	50	54	54	55	56	55	75	68	54	67	66
July	29.81	29.94	30.11	29.58	67.1	69.3	76.6	72.0	63.5	64.1	66.3	65.4	79.1	63.8	71.4	96	57	61	61	60	62	61	83	76	60	72	73
August	29.78	29.91	30.21	29.33	65.8	67.0	76.9	71.4	60.3	60.3	63.7	62.5	79.9	61.3	70.6	94	53	56	56	55	57	56	73	68	49	62	63
September	29.93	30.06	30.30	29.44	61.0	60.2	73.6	66.9	55.8	54.4	60.3	58.4	76.2	55.8	66.0	94	40	52	50	51	52	51	72	69	46	61	62
October	29.91	30.04	30.49	29.31	53.2	51.7	61.4	56.6	48.4	47.3	51.5	49.9	64.7	47.1	55.9	84	29	43	42	42	43	43	70	72	51	62	64
November	29.87	30.00	30.43	29.26	45.5	43.1	53.8	47.9	41.3	39.6	44.9	42.0	56.7	39.3	48.0	75	26	36	35	34	34	35	69	73	50	60	63
December	29.88	30.01	30.49	29.09	33.4	32.1	39.7	35.9	30.6	29.6	35.0	32.5	42.6	27.8	35.2	59	7	25	24	27	26	26	69	72	61	67	67
Year	29.83	29.96	30.49	28.72	47.7	47.5	56.6	52.0	43.4	42.9	47.6	45.9	59.6	42.9	51.2	96	3	38	38	38	39	38	70	69	53	63	64

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Bismarck, 1,670 feet; Boise, 2,739 feet; Boston, 124 feet.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

BISMARCK, N. DAK.

Airport [H=1650 ft.; H_b=1664 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: 0.84 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	0.57	0.34	6.7	7.2	9.4	NW.	36	NW.	2	6	9	16	7	3	18	7	0	11	7	1	0	23	0	0	31	14	0
February	.14	.12	2.9	5.9	10.1	NW.	36	NW.	2	9	6	13	4	1	11	4	0	6	1	0	0	19	0	0	28	11	0
March	.79	.59	10.2	7.0	11.2	NW.	48	NW.	2	6	9	16	6	3	13	6	0	4	0	0	0	12	0	0	31	2	0
April	1.60	.54	.2	7.9	12.2	E.	34	NW.	5	3	9	18	16	11	7	1	0	13	2	1	1	0	0	0	10	0	1
May	1.03	.35	.0	6.4	13.8	NW.	49	NW.	7	9	5	17	11	8	0	0	0	7	1	1	1	0	3	2	3	0	7
June	5.64	1.97	.0	5.9	12.0	SE.	40	NE.	5	9	9	12	9	7	0	0	0	7	1	2	1	0	5	1	0	0	7
July	2.32	.92	.0	5.2	9.5	NW.	34	NW.	2	9	16	6	7	6	0	0	0	3	1	1	2	0	14	9	0	0	7
August	2.91	1.32	.0	5.1	10.2	NW.	35	NE.	3	8	16	7	10	6	0	0	0	1	0	0	0	0	8	5	0	0	6
September	3.91	1.99	1.0	6.0	11.6	SE.	45	W.	3	8	10	12	9	8	2	1	0	9	1	1	1	0	2	0	3	0	4
October	1.01	.82	T	6.1	9.4	NW.	34	N.	1	10	7	14	6	4	5	0	0	6	1	1	1	0	0	0	12	0	0
November	.31	.11	3.3	6.4	10.6	NW.	36	NW.	2	12	1	17	7	5	11	6	0	4	0	0	0	7	0	0	28	0	0
December	.09	.05	1.0	6.8	9.6	NW.	40	NW.	3	4	11	16	3	1	9	3	0	3	2	1	1	13	0	0	29	5	0
Year	20.32	1.99	25.3	6.3	10.8	NW.	49	NW.	37	93	108	164	95	63	76	28	0	74	17	9	8	74	32	17	175	32	32

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: 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: 0.84 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	3.93	2.09	2.1	5.1	20.2	NW.	45	E.	18	11	9	11	12	9	7	3	0	5	2	0	0	9	0	0	28	0	0
February	1.44	.93	2.3	4.0	20.2	NW.	45	SE.	14	13	7	8	6	5	10	4	0	5	0	0	0	6	0	0	26	0	0
March	2.25	1.04	6.9	4.3	19.4	NW.	52	NE.	12	17	1	13	9	5	13	3	0	5	0	0	0	2	0	0	24	0	0
April	1.81	.97	.0	4.0	14.6	SW.	40	NE.	4	16	7	7	11	6	0	0	0	10	3	3	3	0	0	0	0	0	0
May	.92	.30	T	3.4	13.9	W.	38	NE.	2	16	10	5	6	6	1	0	0	7	2	1	2	0	0	0	0	0	3
June	5.90	1.56	.0	3.5	15.8	SW.	40	NE.	5	16	7	7	9	8	0	0	0	15	7	5	6	0	0	0	0	0	3
July	4.55	.90	.0	5.1	12.6	SW.	44	NE.	3	13	8	10	15	12	0	0	0	18	7	4	6	0	0	0	0	0	8
August	2.61	.78	.0	2.8	13.3	SW.	31	NW.	0	19	9	3	10	8	0	0	0	13	2	0	1	0	0	0	0	0	4
September	.08	.42	.0	2.4	13.9	SW.	34	NW.	1	20	9	1	3	1	0	0	0	8	2	0	2	0	0	0	0	0	0
October	2.56	.70	.0	4.5	16.3	SW.	45	NW.	10	14	6	11	13	10	0	0	0	11	0	1	2	0	0	0	0	0	2
November	2.38	1.00	.0	3.5	16.7	SW.	42	NW.	8	18	6	6	8	6	0	0	0	7	1	2	0	0	0	0	1	0	0
December	2.38	1.26	T	5.8	18.8	W.	45	NW.	13	6	15	10	7	7	1	0	0	8	5	3	4	3	0	0	13	0	1
Year	30.81	2.09	11.3	4.0	16.3	SW.	52	NE.	90	179	94	92	109	83	32	10	0	112	31	19	26	20	0	0	92	0	21

BOISE, IDAHO

Airport [H=2843 ft.; H_b=2838 ft.; H_t=5 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: 0.84 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	1.23	0.44	4.1	6.8	8.2	SE.	38	SE.	1	8	4	19	14	8	7	4	0	10	5	6	4	2	0	0	23	0	0
February	1.51	.65	T	7.2	8.5	SE.	35	SE.	1	6	5	17	13	9	5	0	1	7	3	5	4	0	0	0	20	0	0
March	.18	.11	.0	5.0	10.9	SE.	42	NW.	2	13	6	12	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0
April	1.35	.59	T	5.4	10.6	NW.	34	NW.	1	11	7	12	9	6	1	0	0	1	1	0	0	0	0	0	4	0	1
May	1.65	.46	.0	6.3	9.8	NW.	45	SW.	4	6	9	16	17	12	0	0	0	1	0	0	0	0	2	0	0	0	5
June	3.41	1.45	.0	6.2	10.0	NW.	33	S.	1	8	11	11	11	9	0	0	0	2	0	0	0	0	1	1	0	0	4
July	.11	.07	.0	3.3	8.6	NW.	43	SE.	3	16	12	3	3	1	0	0	0	0	0	0	0	0	17	7	0	0	7
August	.61	.40	.0	4.9	8.2	NW.	27	NE.	0	10	14	7	4	2	0	0	0	0	0	0	0	0	9	2	0	0	2
September	.22	.12	.0	4.5	9.5	NW.	36	NW.	1	13	12	5	2	2	0	0	0	0	0	0	0	0	0	0	1	0	0
October	1.00	.47	.0	5.5	9.3	SE.	26	NW.	0	11	11	9	7	6	0	0	0	5	1	1	3	0	0	0	4	0	0
November	.77	.27	.0	5.9	8.5	SE.	36	W.	1	8	10	12	8	5	0	0	0	4	2	2	4	0	0	0	14	0	0
December	1.77	.56	11.0	7.6	11.2	SE.	45	S.	3	5	5	21	16	12	13	7	0	8	2	2	2	4	0	0	23	1	0
Year	13.81	1.45	15.1	5.7	9.5	SE.	45	S.	18	115	106	144	107	74	26	11	1	39	14	16	17	6	29	10	89	1	19

BOSTON, MASS.

Airport [H=12 ft.; H_b=29 ft.; H_t=33 ft.; H_r=3 ft.; H_a=62 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: 0.84 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	4.21	1.86	20.4	6.6	13.2	NW.	36	NE.	3	7	8	16	9	6	12	8	0	4	2	2	2	17	0	0	30	0	0
February	1.70	1.30	1.3	5.1	13.8	NW.	43	E.	2	10	8	10	6	5	7	2	0	6	4	4	0	8	0	0	27	0	0
March	3.40	1.77	13.1	5.5	14.3	NW.	40	NE.	6	10	8	13	13	9	11	8	0	4	1	1	0	3	0	0	23	0	0
April	1.70	.72	.0	5.8	12.3	NW.	37	NE.	2	10	8	12	8	5	0	0	0	6	3	3	2	0	0	0	1	0	0
May	2.43	.71	T	6.1	10.4	W.	29	NW.	0	8	9	14	13	10	1	0	1	4	1	1	1	0	2	0	0	0	4
June	4.29	1.35	.0	5.6	10.8	SW.	38	NE.	3	9	12	9	12	11	0	0	0	9	3	3	4	0	7	1	0	0	6
July	2.90	1.38	.0	6.7	9.6	SW.	26	SW.	0	3	15	13	14	8	0	0	0	15	5	5	2	0	3	1	0	0	4
August	1.55	.66	.0	5.0	10.0	NW.	26	SW.	0	10	12	9	7	5	0	0	0	7	2	1	0	0	1	0	0	0	0
September	1.18	1.24	.0	4.4	10.8	SW.	29	NW.	0	12	13	5	3	2	0	0	0	5	1	1	1	0	2	0	0	0	1
October	1.92	.47	T	6.3	11.4	NW.	38	NW.	3	9	6	16	12	7	1	0	0	5	0	1	0	0	0	0	1	0	0
November	2.49	1.35	T	5.0	11.1	W.	28	W.	0	9	13	8	8	6	1	0	0	5	1	1	0	0	0	0	6	0	0
December	3.19	2.12	.2	6.3	12.1	NW.	36	S.	4	8	10	13	9	6	10	1	0	9	4	4	3	6	0	0	21	0	0
Year	30.87	2.12	35.0	5.7	11.6	NW.	43	E.	23	105	122	138	114	80	43	19	1	79	27	27	15	34	15	2	109	0	15

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

BROWNSVILLE, TEX.

Airport [ϕ=26°00′ N.; λ=97°28′ W.] City [ϕ=25°54′ N.; λ=97°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
	In. (1 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	30.03	30.09	30.49	29.55	59.6	58.2	69.5	64.6	58.0	57.0	62.2	60.2	70.8	57.3	64.0	80	35	57	56	57	57	57	91	93	67	77	82
February	29.96	30.02	30.36	29.52	56.9	54.2	64.8	61.6	55.5	53.3	58.4	57.4	66.6	53.8	60.2	82	38	54	52	54	54	54	92	94	70	78	83
March	29.93	29.99	30.33	29.55	59.1	57.3	66.9	64.8	57.6	55.8	60.1	60.0	70.2	55.6	62.9	88	39	56	54	56	56	56	91	91	69	75	82
April	29.79	29.86	30.11	29.50	69.1	67.7	79.1	75.0	67.5	66.2	69.4	68.4	80.4	66.5	73.4	91	56	67	65	64	64	65	92	92	63	73	80
May	29.84	29.90	30.07	29.48	72.8	70.9	84.2	79.4	71.0	69.7	74.2	73.0	84.7	70.6	77.6	89	64	70	69	70	70	70	92	94	63	74	81
June	29.83	29.89	30.03	29.61	78.4	77.2	85.4	82.7	76.5	75.9	77.7	77.4	86.7	76.1	81.4	93	68	76	75	75	75	75	92	94	72	79	84
July	29.88	29.94	30.05	29.67	79.3	77.2	90.6	86.7	76.9	75.9	78.1	77.7	91.2	78.3	84.8	95	76	76	76	73	74	75	90	94	57	67	77
August	29.88	29.94	30.02	29.73	79.0	76.4	91.5	86.6	76.5	75.1	77.5	77.4	92.0	77.4	84.7	96	71	76	75	72	74	74	89	94	53	66	76
September	29.80	29.86	30.04	29.52	78.4	75.9	88.6	84.4	75.9	74.7	77.4	76.8	89.8	75.9	82.8	95	73	75	74	73	74	74	89	94	61	72	79
October	29.88	29.94	30.08	29.63	76.4	73.4	84.1	80.0	74.6	72.3	76.0	75.5	85.7	73.4	79.6	92	58	74	72	73	74	73	92	95	70	81	84
November	30.00	30.06	30.49	29.71	62.3	60.6	74.8	68.4	60.0	58.8	65.7	63.7	75.4	59.5	67.4	86	46	58	57	60	61	59	88	90	62	77	79
December	29.97	30.03	30.36	29.42	60.1	58.2	67.6	64.2	58.7	56.9	62.0	61.5	69.0	56.3	62.6	81	48	58	56	58	59	58	92	93	74	84	86
Year	29.90	29.96	30.49	29.42	69.3	67.3	78.9	74.9	67.4	66.0	69.9	69.1	80.2	66.7	73.4	96	35	66	65	65	66	66	91	93	65	75	81

BUFFALO, N. Y.

Airport [ϕ=42°56′ N.; λ=78°44′ W.] City [ϕ=42°53′ N.; λ=78°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	29.29	30.16	29.78	28.70	23.7	23.1	26.6	24.2	22.6	22.2	24.7	23.1	30.1	18.9	24.5	44	4	20	20	21	21	20	86	88	78	85	84
February	29.08	29.95	29.54	28.36	21.6	21.3	26.9	24.0	20.4	20.3	24.5	22.2	28.9	18.4	23.6	47	7	18	18	20	18	19	85	87	73	78	81
March	29.16	30.02	29.60	28.59	23.8	22.5	32.1	28.7	22.3	21.2	27.9	26.4	32.9	19.6	26.2	52	3	19	18	20	22	20	81	82	60	74	74
April	29.27	30.10	29.61	28.71	43.2	44.8	58.0	50.3	40.0	40.7	47.1	43.9	56.8	39.7	48.2	75	28	36	36	35	36	36	77	72	46	60	64
May	29.16	29.99	29.48	28.78	51.5	53.8	64.0	59.7	47.1	48.9	52.4	50.7	61.7	47.5	54.6	75	37	42	44	41	42	42	73	71	45	54	61
June	29.15	29.97	29.42	28.87	61.1	64.6	75.4	69.9	57.0	59.0	62.2	61.0	72.1	59.8	66.0	85	46	54	55	54	55	54	79	73	49	62	66
July	29.14	29.95	29.43	28.74	66.9	68.4	80.2	75.7	62.5	62.9	66.1	65.2	78.9	65.3	72.1	90	52	60	60	58	59	59	78	74	49	58	65
August	29.16	29.98	29.52	28.78	61.7	62.7	74.8	70.2	57.6	58.5	61.2	60.5	74.5	61.1	67.8	84	51	55	56	52	54	54	78	78	47	58	66
September	29.26	30.08	29.62	28.63	59.2	58.5	72.9	65.8	55.0	54.1	60.1	58.2	73.4	56.8	65.1	84	40	52	51	51	53	52	78	77	48	64	66
October	29.24	30.07	29.74	28.68	50.6	49.1	58.1	53.5	47.4	46.7	51.3	49.0	59.3	46.4	52.8	77	32	44	44	45	45	44	80	84	64	73	75
November	29.14	29.98	29.65	28.45	42.3	40.8	46.8	42.7	38.9	37.7	41.4	39.2	48.8	38.8	43.8	67	28	34	34	35	35	35	75	76	65	74	72
December	29.19	30.05	29.73	28.38	32.4	31.4	36.2	33.9	30.5	29.4	33.1	31.8	39.5	28.1	33.8	70	12	28	26	29	28	28	82	79	73	79	78
Year	29.19	30.02	29.78	28.36	44.8	45.1	54.3	49.9	41.8	41.8	46.0	44.3	54.7	41.7	48.2	90	3	38	38	38	39	39	79	78	58	68	71

BURLINGTON, VT.

Airport [ϕ=44°29′ N.; λ=73°11′ W.] City [ϕ=44°29′ N.; λ=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
January	29.70	30.16	30.20	29.07	11.9	10.3	19.6	13.7	11.1	9.5	17.7	12.8	21.4	5.5	13.4	37	−12	8	6	12	10	9	82	82	70	83	79
February	29.42	29.88	29.88	28.47	18.6	16.4	25.6	21.6	17.2	15.1	22.7	19.8	27.5	13.6	20.6	42	−2	13	11	16	15	14	78	77	64	74	73
March	29.46	29.92	30.03	28.97	19.7	18.2	30.0	24.7	18.4	16.9	26.2	22.6	31.7	15.6	23.6	44	−3	15	14	19	18	16	83	80	62	74	75
April	29.62	30.07	30.01	29.01	40.2	43.3	58.7	50.3	37.3	39.7	47.7	43.3	59.2	37.0	48.1	86	23	34	35	36	35	35	78	74	44	58	64
May	29.46	29.90	29.79	29.05	47.9	53.6	65.8	59.7	44.9	48.1	53.6	51.7	66.7	43.9	55.3	87	29	42	42	42	44	43	81	67	46	58	63
June	29.49	29.92	29.75	29.16	58.9	64.3	77.9	71.2	55.2	58.2	64.1	61.5	77.9	55.5	66.7	95	41	52	54	55	55	54	80	70	47	59	64
July	29.48	29.91	29.84	29.13	64.4	68.5	79.3	74.1	61.3	63.6	67.0	65.5	80.5	60.5	70.5	92	50	59	61	60	60	60	84	77	54	64	70
August	29.48	29.91	29.93	29.04	58.6	62.5	74.3	66.4	55.5	57.8	62.1	60.4	74.4	54.1	64.2	88	41	53	54	54	56	54	83	75	51	71	70
September	29.61	30.04	29.95	29.09	55.2	57.0	70.0	61.6	51.3	52.6	58.2	54.9	71.3	48.9	60.1	85	28	48	49	49	50	49	78	76	49	66	67
October	29.59	30.03	30.21	28.92	44.9	43.8	53.0	47.8	42.3	40.8	46.7	44.4	55.7	38.3	47.0	79	19	38	37	40	41	39	81	78	62	78	75
November	29.52	29.97	30.11	28.90	37.7	36.4	43.8	39.7	34.5	33.6	38.7	36.3	46.8	31.8	39.3	66	12	30	29	32	32	31	74	76	64	72	72
December	29.58	30.04	30.22	28.81	25.2	24.0	30.3	26.7	23.8	22.7	27.3	24.9	33.8	18.1	26.0	67	−5	21	20	21	21	21	83	83	68	78	78
Year	29.53	29.98	30.22	29.47	40.3	41.5	52.4	46.5	37.7	38.2	44.3	41.5	53.9	35.2	44.6	95	−12	34	34	36	36	35	80	76	57	70	71

CAIRO, ILL.

[ϕ=37°00′ N.; λ=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	29.79	30.19	30.18	29.09	------	35.4	40.6	------	------	33.7	36.4	------	45.5	31.8	38.6	63	15	----	32	30	----	----	----	85	66	----	----
February	29.72	30.12	30.10	29.10	------	31.3	38.5	------	------	28.6	32.8	------	42.6	28.1	35.4	60	16	----	24	23	----	----	----	72	54	----	----
March	29.70	30.09	30.15	29.21	------	36.5	47.0	------	------	33.3	39.4	------	52.3	33.8	43.0	71	19	----	28	28	----	----	----	72	50	----	----
April	29.64	30.03	30.04	29.16	------	54.9	67.9	------	------	50.5	56.1	------	72.1	53.5	62.8	87	42	----	46	46	----	----	----	75	49	----	----
May	29.64	30.02	29.94	29.28	------	63.6	77.6	------	------	58.8	63.1	------	81.1	61.0	71.0	93	49	----	55	53	----	----	----	76	44	----	----
June	29.57	29.94	29.81	29.31	------	70.6	83.4	------	------	66.2	69.4	------	86.8	68.4	77.6	95	58	----	64	62	----	----	----	80	50	----	----
July	29.57	29.94	29.79	29.32	------	74.4	87.0	------	------	70.5	74.4	------	90.8	72.4	81.6	99	64	----	69	69	----	----	----	83	56	----	----
August	29.60	29.98	29.80	29.39	------	72.9	86.9	------	------	69.2	73.4	------	90.0	71.3	80.6	99	63	----	67	67	----	----	----	83	53	----	----
September	29.66	30.04	30.01	28.96	------	66.7	81.6	------	------	62.9	68.3	------	85.1	65.2	75.2	93	52	----	60	61	----	----	----	81	51	----	----
October	29.69	30.07	29.98	29.20	------	60.1	71.8	------	------	57.6	63.0	------	74.6	57.4	66.0	88	37	----	56	57	----	----	----	86	62	----	----
November	29.72	30.12	30.20	29.20	------	41.6	52.3	------	------	39.5	45.6	------	56.2	39.9	48.0	76	27	----	37	39	----	----	----	83	62	----	----
December	29.72	30.11	30.15	29.00	------	39.0	46.3	------	------	37.1	41.6	------	49.4	36.3	42.8	67	21	----	34	36	----	----	----	83	68	----	----
Year	29.67	30.05	30.20	28.96	------	53.9	65.1	------	------	50.7	55.3	------	68.9	51.6	60.2	99	15	----	48	48	----	----	----	80	55	----	----

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Brownsville, 57 feet; Buffalo, 768 feet; Burlington, 403 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

BROWNSVILLE, TEX.

Airport [H=16 ft.; H_b=20 ft.; H_t=20 ft.; H_r=18 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.]

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: 0.84 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	0.73	0.57	0.0	7.4	10.5	E.	29	NW.	0	3	10	18	4	3	0	0	0	10	7	6	5	0	0	0	0	0	1
February	1.13	.43	.0	6.9	10.6	NW.	34	SE.	1	4	8	16	9	8	0	0	0	4	3	2	2	0	0	0	0	0	0
March	3.49	.99	.0	8.0	11.1	SE.	31	NW.	0	3	6	22	11	8	0	0	0	4	4	3	3	0	0	0	0	0	5
April	2.19	.79	.0	6.5	12.3	SE.	33	SE.	1	6	9	15	13	8	0	0	0	2	2	2	0	0	1	0	0	0	3
May	3.97	1.82	.0	6.0	10.2	SE.	40	N.	2	6	14	11	9	8	0	0	0	0	0	0	0	0	0	0	0	0	3
June	8.45	2.63	.0	8.0	11.2	SE.	28	SE.	0	0	10	20	8	8	0	0	0	0	0	0	0	0	4	0	0	0	4
July	.03	.03	.0	4.7	10.2	SE.	25	SE.	0	9	20	2	1	0	0	0	0	0	0	0	0	0	27	0	0	0	2
August	.46	.29	.0	3.6	9.6	SE.	28	SE.	0	16	12	3	3	2	0	0	0	0	0	0	0	0	27	2	0	0	2
September	4.41	1.49	.0	6.1	9.2	SE.	24	SE.	0	5	16	9	9	8	0	0	0	0	0	0	0	0	17	1	0	0	4
October	5.27	2.54	.0	5.4	8.9	SE.	30	NW.	0	10	12	9	16	14	0	0	0	0	0	0	0	0	2	0	0	0	7
November	1.38	1.24	.0	6.2	9.2	N.	25	N.	0	4	13	13	6	3	0	0	0	3	1	0	1	0	0	0	0	0	1
December	2.98	1.02	.0	7.5	8.9	N.	27	N.	0	3	11	17	12	7	0	0	0	10	8	6	3	0	0	0	0	0	1
Year	34.49	2.63	.0	6.4	10.2	SE.	40	N.	4	69	141	155	101	77	0	0	0	33	25	19	14	0	73	3	0	0	33

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.]

January	2.36	0.41	17.3	8.4	15.6	W.	51	W.	8	2	5	24	22	16	24	18	0	6	0	0	0	19	0	0	29	0	0
February	2.05	.50	23.1	7.6	16.7	W.	59	SW.	9	4	5	19	17	12	21	16	0	1	0	0	0	20	0	0	27	0	0
March	2.01	.97	9.3	6.2	14.9	W.	56	W.	5	8	9	14	16	11	17	15	0	7	1	0	0	14	0	0	31	0	0
April	1.69	1.28	T	4.4	14.6	SW.	50	W.	6	15	3	12	9	5	1	0	0	3	0	0	0	0	0	0	4	0	3
May	1.11	.26	.0	5.5	13.4	SW.	35	S.	6	10	10	11	13	9	0	0	0	3	0	0	0	0	0	0	0	0	6
June	.82	.30	.0	4.9	12.8	SW.	56	W.	3	9	15	6	8	5	0	0	0	2	0	0	0	0	0	0	0	0	4
July	3.37	1.41	.0	5.5	12.3	SW.	38	W.	4	7	16	8	12	12	0	0	0	2	0	0	0	0	1	0	0	0	8
August	1.06	.51	.0	4.5	12.4	SW.	41	W.	4	13	11	7	5	4	0	0	0	1	0	0	0	0	0	0	0	0	2
September	.87	.45	.0	3.9	15.1	SW.	65	SW.	8	14	10	6	6	3	0	0	0	2	0	0	0	0	0	0	0	0	2
October	2.40	.69	T	7.5	15.9	W.	47	SW.	13	3	8	20	15	10	1	0	1	5	0	0	0	0	0	0	1	0	3
November	3.06	1.58	5.0	7.6	21.0	W.	52	SW.	16	3	8	19	8	7	6	3	0	1	0	0	0	0	0	0	7	0	2
December	1.36	.36	7.8	8.1	17.0	W.	57	W.	14	3	5	23	13	8	14	7	0	3	0	0	2	8	0	0	21	0	0
Year	22.16	1.58	62.5	6.2	15.1	SW.	65	SW.	96	91	105	169	144	102	84	59	1	36	1	0	2	61	1	0	120	0	30

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	1.45	0.32	13.2	7.5	8.0	N.	31	S.	0	4	6	21	17	12	23	15	0	5	0	0	0	24	0	0	30	13	0
February	.88	.51	4.2	6.3	9.6	N.	25	SE.	0	7	9	12	8	6	15	4	0	1	0	0	0	21	0	0	27	1	0
March	2.13	.64	27.7	6.3	9.1	N.	26	NW.	0	7	8	16	12	9	17	11	0	3	1	0	1	17	0	0	30	2	0
April	.70	.33	.0	5.3	9.3	N.	26	S.	0	9	13	8	8	5	0	0	0	1	0	0	0	0	0	0	12	0	1
May	2.14	.74	T	5.4	7.2	N.	30	SE.	0	11	8	12	11	9	1	0	0	6	2	0	0	0	0	0	2	0	2
June	1.52	1.01	.0	6.3	7.7	S.	21	W.	0	4	16	10	6	4	0	0	0	4	0	0	0	0	4	0	0	0	7
July	6.35	2.37	.0	6.0	7.8	S.	26	S.	0	10	6	15	11	10	0	0	0	8	5	0	0	0	3	0	0	0	6
August	2.11	.58	.0	6.2	7.5	S.	26	S.	0	7	12	12	12	8	0	0	0	6	2	0	0	0	0	0	0	0	3
September	.93	.50	.0	5.3	9.7	S.	31	S.	0	10	8	12	8	4	0	0	0	4	0	0	0	0	0	0	2	0	2
October	1.99	.37	T	7.8	10.7	S.	38	S.	4	3	7	21	17	13	2	0	0	6	0	0	0	1	0	0	9	0	1
November	1.35	.76	.5	7.8	10.7	S.	34	S.	2	3	5	22	9	6	8	1	0	6	1	0	1	1	0	0	15	0	0
December	1.43	.90	11.7	7.7	10.3	S.	34	S.	3	3	8	20	11	7	17	8	0	9	3	0	2	15	0	0	27	3	0
Year	22.98	2.37	57.3	6.5	9.0	S.	38	S.	9	78	106	181	130	93	83	39	0	59	14	0	4	79	7	0	154	19	22

CAIRO, ILL.

[H=315 ft.; H_b=358 ft.; H_t=87 ft.; H_r=80 ft.; H_a=93 ft.]

January	2.33	0.94	T	7.5	8.3	N.	30	SW.	0	5	7	19	12	9	2	0	1	5	4	3	1	3	0	0	16	0	1
February	.71	.38	2.4	6.0	9.7	N.	28	SE.	0	9	6	13	5	4	7	2	0	0	0	0	0	4	0	0	20	0	0
March	.58	.17	1.3	6.0	10.1	N.	31	SW.	0	9	8	14	8	6	3	2	0	3	1	1	1	0	0	0	12	0	1
April	2.06	1.07	.0	6.7	8.6	S.	28	SW.	0	4	12	14	10	7	0	0	0	4	1	1	1	0	0	0	0	0	7
May	1.77	.80	.0	5.4	7.6	S.	30	N.	0	7	17	7	7	4	0	0	0	1	0	0	0	0	4	0	0	0	8
June	1.18	.79	.0	5.4	6.7	SW.	27	SW.	0	6	15	9	9	4	0	0	0	0	0	0	0	0	12	1	0	0	11
July	2.54	2.25	.0	6.3	6.0	SW.	24	SW.	0	5	12	14	6	5	0	0	0	0	0	0	0	0	19	7	0	0	10
August	4.06	1.30	.0	6.4	6.4	S.	27	N.	0	5	13	13	10	7	0	0	0	0	0	0	0	0	16	9	0	0	11
September	1.58	.47	.0	4.6	7.7	S.	29	SE.	0	10	15	5	7	7	0	0	0	2	0	0	0	0	7	0	0	0	4
October	7.66	2.25	.0	6.2	7.6	S.	32	SW.	1	7	9	15	13	11	0	0	0	6	1	1	1	0	0	0	0	0	5
November	1.42	.59	T	5.5	6.9	S.	25	SW.	0	12	6	12	6	6	4	0	0	2	1	1	1	0	0	0	5	0	0
December	3.90	2.37	T	6.7	8.0	SW.	34	SW.	1	4	11	16	7	6	2	0	0	7	4	4	3	1	0	0	11	0	1
Year	29.79	2.37	3.7	6.1	7.8	S.	34	SW.	2	83	131	151	100	76	18	4	1	30	12	11	8	3	58	17	64	0	59

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

CANTON, N. Y.
[ϕ=44°35′ N.; λ=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.	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	29.66	30.18	30.15	29.07	11.5	10.6	17.4	13.1	11.1	10.2	16.3	12.6	21.4	3.0	12.2	41	−20	10	9	13	11	11	94	94	83	92	91
February	29.40	29.90	29.84	28.49	17.0	14.5	23.3	19.8	16.3	13.9	21.5	18.6	27.1	9.9	18.5	49	−13	14	12	17	16	15	89	90	76	83	85
March	29.46	29.95	29.97	28.95	20.7	17.7	28.3	25.0	19.2	16.6	25.2	22.7	31.8	13.4	22.6	44	−9	15	14	19	17	16	80	85	66	71	75
April	29.60	30.08	29.96	28.96	41.1	43.6	57.1	51.2	38.0	39.6	46.7	44.4	60.0	35.3	47.6	84	21	34	35	35	36	35	77	72	45	58	63
May	29.45	29.92	29.80	29.07	50.8	53.1	66.3	60.6	46.6	47.9	53.6	52.1	69.3	44.2	56.8	84	28	42	42	42	44	42	73	69	43	56	60
June	29.46	29.93	29.70	29.17	60.4	63.9	77.6	70.4	55.3	57.7	62.9	60.1	80.2	54.9	67.6	95	39	51	53	53	52	52	73	69	44	55	60
July	29.45	29.91	29.80	29.05	65.1	67.9	80.0	74.1	61.0	63.0	65.7	64.2	83.2	59.6	71.4	94	47	58	60	57	58	58	80	77	48	60	66
August	29.46	29.92	29.86	29.01	58.5	62.2	72.4	67.6	56.1	58.6	61.9	61.2	75.9	52.6	64.2	87	39	54	56	55	57	56	86	81	56	70	74
September	29.57	30.04	29.92	28.99	55.2	56.9	70.4	61.9	51.5	52.6	58.6	55.0	72.7	47.7	60.2	85	32	49	49	50	49	49	80	76	49	65	67
October	29.55	30.03	30.14	28.98	45.2	44.0	53.5	48.3	42.2	41.5	47.2	45.3	56.8	38.0	47.4	81	19	39	39	40	42	40	80	82	63	79	76
November	29.47	29.95	30.06	28.80	37.6	36.5	43.0	38.9	35.1	34.3	38.4	35.9	46.0	30.5	38.2	68	14	32	31	32	32	32	79	82	66	75	76
December	29.54	30.04	30.18	28.68	23.3	22.3	28.1	24.1	22.4	21.2	25.7	23.2	33.5	14.2	23.8	70	−17	21	19	21	22	21	90	88	73	90	85
Year	29.51	29.99	30.18	28.49	40.5	41.1	51.4	46.2	37.9	38.1	43.6	41.3	54.8	33.6	44.2	95	−20	35	35	36	36	36	82	80	59	71	73

CAPE HENRY, VA.
[ϕ=36°56′ N.; λ=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	30.11	30.13	30.54	29.70	----	37.5	43.2	41.4	----	35.4	39.3	38.4	46.1	34.7	40.4	64	24	----	32	34	34	33	----	81	70	76	76
February	29.93	29.95	30.29	29.21	----	33.9	39.0	37.8	----	31.2	34.9	34.4	41.4	31.3	36.4	50	25	----	26	28	29	28	----	73	66	70	70
March	29.97	29.99	30.32	29.39	----	38.4	45.3	41.7	----	35.2	39.0	37.5	49.4	34.3	41.8	68	24	----	30	30	31	30	----	72	57	69	66
April	30.04	30.06	30.38	29.47	----	54.5	60.0	56.6	----	51.0	52.8	50.7	63.9	48.2	56.0	93	36	----	48	48	46	47	----	81	67	70	73
May	29.96	29.98	30.40	29.51	----	63.8	73.2	66.9	----	57.3	61.3	59.2	76.3	58.2	67.2	95	42	----	52	53	54	53	----	68	51	64	61
June	29.97	29.99	30.23	29.49	----	70.9	77.0	72.6	----	67.1	69.0	67.3	81.1	65.9	73.5	94	58	----	65	65	65	65	----	82	68	77	76
July	29.96	29.98	30.18	29.69	----	75.3	82.3	77.4	----	72.5	74.3	72.4	84.7	71.0	77.8	99	65	----	71	71	70	71	----	88	70	80	79
August	29.97	29.99	30.32	29.58	----	74.3	82.4	76.6	----	69.9	71.9	70.1	84.2	69.2	76.7	94	57	----	68	67	67	67	----	81	61	73	72
September	30.08	30.10	30.38	29.77	----	71.9	78.7	73.4	----	67.5	69.2	67.9	80.5	68.6	74.6	96	64	----	65	64	65	65	----	80	63	76	73
October	30.10	30.12	30.50	29.76	----	64.6	74.6	68.2	----	60.1	63.3	61.2	76.8	60.4	68.6	95	45	----	57	56	56	56	----	77	54	67	66
November	30.07	30.09	30.48	29.47	----	50.5	60.0	54.8	----	46.7	51.8	49.4	62.5	46.7	54.6	77	35	----	43	44	44	44	----	75	57	67	66
December	30.08	30.10	30.52	29.50	----	44.6	50.7	46.7	----	41.9	44.8	42.6	52.7	40.4	46.6	70	32	----	38	38	37	38	----	78	63	71	71
Year	30.02	30.04	30.54	29.21	----	56.7	63.9	59.5	----	53.0	56.0	54.3	66.6	52.4	59.5	99	24	----	50	50	50	50	----	78	62	72	71

CHARLES CITY, IOWA
[ϕ=43°04′ N.; λ=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	29.07	30.22	29.51	28.59	19.9	17.9	24.6	22.4	19.2	17.3	22.9	21.2	27.6	13.1	20.4	41	−4	18	15	19	20	18	89	90	78	88	86
February	29.01	30.15	29.42	28.39	16.0	12.8	22.1	20.6	15.1	12.1	19.8	19.1	26.4	8.6	17.5	45	−14	12	9	14	16	13	85	88	69	79	80
March	29.00	30.12	29.36	28.26	27.9	25.2	35.0	33.3	26.8	24.2	30.6	30.2	38.4	22.7	30.6	81	31	41	22	23	25	24	88	89	61	72	77
April	28.91	30.01	29.31	28.22	47.7	44.6	59.4	57.8	44.3	41.9	49.7	50.1	63.2	42.4	52.8	61	−2	25	41	23	43	41	78	81	55	61	69
May	28.89	29.97	29.34	28.44	58.1	56.8	72.7	69.7	53.9	53.1	59.5	59.0	76.0	52.3	64.2	89	38	0	50	50	51	50	77	79	47	54	64
June	28.85	29.92	29.09	28.50	64.0	63.6	76.1	74.1	61.4	60.6	64.8	65.1	78.9	59.5	69.2	94	46	60	59	59	60	59	87	84	57	64	73
July	28.90	29.97	29.23	28.55	67.3	66.4	81.8	79.2	64.1	62.9	68.4	67.9	84.9	62.3	73.6	98	52	62	61	61	62	62	85	83	51	57	69
August	28.93	29.99	29.21	28.51	66.6	64.5	81.2	78.3	62.3	61.0	66.9	66.4	83.9	61.2	72.6	94	46	60	58	59	60	59	80	82	48	54	66
September	28.89	29.98	29.35	28.53	59.6	57.0	71.9	68.0	56.0	54.3	61.1	60.4	74.6	53.3	64.0	89	33	53	52	54	56	54	81	84	55	66	72
October	28.95	30.05	29.33	28.29	49.3	46.0	58.3	54.7	47.4	44.5	51.0	50.5	61.6	42.8	52.2	72	21	45	43	44	46	45	87	89	62	75	78
November	28.90	30.02	29.20	28.37	35.5	32.2	43.4	39.4	33.5	30.8	38.5	36.4	46.6	28.7	37.6	72	11	31	29	32	33	31	82	85	66	76	77
December	28.92	30.05	29.46	28.29	28.9	27.0	33.8	30.5	27.5	25.8	30.7	28.7	37.5	21.8	29.6	56	−1	25	23	26	26	25	85	84	72	82	81
Year	28.94	30.04	29.51	28.22	45.1	42.8	55.0	52.3	42.6	40.7	47.0	46.2	58.3	39.1	48.7	98	−14	40	38	40	42	40	84	85	60	69	74

CHARLESTON, S. C.
Airport [ϕ=32°54′ N.; λ=80°02′ W.] City [ϕ=32°47′ N.; λ=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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.10	30.15	30.46	29.71	43.1	39.7	56.5	48.2	40.8	38.3	47.7	44.3	56.4	42.9	49.6	72	31	37	36	37	39	38	82	87	51	72	73
February	29.94	29.99	30.24	29.46	37.4	35.6	52.6	46.1	35.0	33.2	42.4	40.4	53.1	37.9	45.5	67	31	32	29	28	33	30	80	78	42	62	66
March	29.98	30.03	30.32	29.47	45.2	42.8	59.3	52.9	42.2	40.6	48.1	46.4	58.5	44.2	51.4	69	28	38	37	34	38	37	78	78	42	60	64
April	30.02	30.07	30.35	29.50	58.3	59.4	74.7	65.3	56.1	56.8	61.4	58.8	73.4	58.7	66.0	88	51	54	55	52	54	54	88	86	49	69	73
May	29.98	30.04	30.26	29.68	61.2	65.2	82.0	71.5	59.1	60.8	65.4	63.4	81.4	64.6	73.0	95	54	58	58	55	58	57	89	78	41	64	68
June	29.95	30.00	30.20	29.60	71.5	74.2	83.2	77.0	69.9	71.5	73.5	72.9	85.4	72.0	78.7	97	69	69	70	69	71	70	92	88	65	83	82
July	29.96	30.01	30.14	29.73	75.4	77.5	85.0	79.8	74.1	74.8	77.2	76.2	87.9	75.3	81.6	99	71	74	74	74	75	74	94	88	72	85	85
August	29.94	29.99	30.17	29.72	75.8	77.2	87.4	79.7	74.5	74.7	77.5	76.4	88.8	75.9	82.4	97	70	74	74	74	75	74	93	89	65	86	83
September	30.03	30.08	30.25	29.86	70.3	70.2	86.3	75.5	68.4	68.2	73.7	71.6	85.1	71.7	78.4	96	64	68	67	68	70	68	91	90	55	83	80
October	30.06	30.11	30.33	29.62	65.2	63.2	81.1	70.0	63.7	61.8	69.9	67.2	80.2	67.3	73.8	89	57	63	60	64	66	63	92	92	58	87	82
November	30.05	30.10	30.40	29.55	50.4	47.8	68.6	56.0	49.0	46.4	58.2	53.4	68.5	51.8	60.2	81	36	48	45	50	51	48	91	90	52	84	79
December	30.05	30.10	30.40	29.57	47.2	45.3	60.7	52.4	45.9	44.2	52.8	49.6	61.5	47.3	54.4	73	37	44	43	45	47	45	91	92	60	82	81
Year	30.00	30.06	30.46	29.46	58.4	58.2	73.1	64.5	56.6	55.9	62.3	60.0	73.4	59.1	66.2	99	28	55	54	54	56	55	88	86	54	76	76

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

CANTON, N. Y.

[H=406 ft.; H_b=414 ft.; H_t=10 ft.; H_r=4 ft.; H_a=61 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: 0.84 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	1.05	0.22	13.4	7.3	7.4	W.	21	W.	0	7	4	20	15	10	26	14	0	0	0	0	0	26	0	0	31	14	0
February	1.84	1.06	10.6	6.4	8.7	W.	31	SW.	0	7	8	13	10	6	18	9	0	4	0	0	0	19	0	0	27	3	0
March	1.57	.56	18.8	5.9	9.6	W.	30	W.	0	12	4	15	11	7	18	9	0	1	0	0	0	15	0	0	30	4	0
April	.57	.25	T	5.3	8.4	W.	30	W.	0	9	11	10	6	5	1	0	0	1	0	0	0	0	0	0	16	0	3
May	1.73	.66	.0	5.5	7.6	W.	27	E.	0	9	10	12	8	7	0	0	0	4	2	0	0	0	0	0	3	0	3
June	1.47	1.13	.0	5.4	7.5	SW.	30	W.	0	10	9	11	6	4	0	0	0	7	0	0	0	0	5	0	0	0	8
July	4.60	1.80	.0	5.9	7.2	SW.	30	SW.	0	7	14	10	12	10	0	0	1	6	1	1	1	0	5	0	0	0	7
August	2.30	1.16	.0	6.0	6.7	SW.	27	SW.	0	7	13	11	7	5	0	0	0	9	3	3	3	0	0	0	0	0	5
September	1.55	.62	.0	5.1	8.7	SW.	40	SW.	1	11	11	8	6	5	0	0	0	6	0	2	0	0	0	0	1	0	2
October	3.59	.79	T	7.8	8.8	W.	30	W.	0	5	5	21	15	12	2	0	1	6	2	2	1	0	0	0	11	0	1
November	2.51	.85	.0	8.5	10.1	SW.	29	W.	0	2	5	23	13	8	10	5	0	6	1	0	0	3	0	0	18	0	1
December	2.74	.79	13.8	7.5	8.3	W.	30	W.	0	4	8	19	16	14	17	12	0	8	4	2	1	17	0	0	27	6	0
Year	25.52	1.80	57.5	6.4	8.2	W.	40	SW.	1	90	102	173	125	93	92	49	2	58	13	10	6	80	10	0	164	27	30

CAPE HENRY, VA.

[H=16 ft.; H_b=18 ft.; H_t=8 ft.; H_r=3 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: 0.84 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	2.71	0.96	2.0	5.8	14.8	N.	40	N.	10	9	10	12	9	7	1	1	0	5	2	0	5	0	0	0	13	0	0
February	2.58	1.23	4.0	5.0	15.4	N.	45	NW.	11	11	9	8	8	5	5	2	0	3	0	0	3	0	0	0	16	0	0
March	2.09	1.15	2.5	4.9	14.6	NW.	42	NW.	10	11	11	9	8	6	3	2	0	3	0	0	2	0	0	0	11	0	1
April	2.52	1.29	.0	4.4	10.9	SE.	36	N.	4	15	7	8	6	6	0	0	0	4	2	0	4	0	1	0	0	0	1
May	.85	.25	.0	3.5	11.9	SW.	45	NE.	8	18	10	3	7	6	0	0	0	0	0	0	1	0	5	1	0	0	4
June	5.28	1.99	.0	6.0	10.1	SW.	38	W.	3	7	14	9	11	10	0	0	0	3	1	0	3	0	2	0	0	0	7
July	5.14	1.45	.0	6.1	9.9	SW.	28	W.	0	7	12	12	18	15	0	0	0	3	2	0	2	0	10	4	0	0	11
August	3.89	1.67	.0	4.0	9.9	SW.	49	N.	2	15	12	4	5	4	0	0	0	1	0	0	0	0	8	0	0	0	5
September	.99	.76	.0	4.0	12.3	NE.	33	N.	1	14	11	5	4	3	0	0	0	0	0	0	0	0	4	2	0	0	2
October	2.34	2.31	.0	4.6	12.1	SW.	42	N.	6	11	14	6	3	1	0	0	0	0	1	0	0	0	6	1	0	0	1
November	.59	.42	.0	4.0	10.1	SW.	34	N.	1	15	7	8	5	3	0	0	0	1	0	0	1	0	0	0	0	0	1
December	3.25	1.24	T	5.1	12.9	N.	40	N.	10	11	11	9	8	7	1	0	0	5	5	0	7	0	0	0	2	0	0
Year	32.23	2.31	8.5	4.8	12.1	SW.	49	N.	66	144	128	93	92	73	11	5	0	28	13	0	28	0	36	8	42	0	33

CHARLES CITY, IOWA

[H=1,013 ft.; H_b=1,015 ft.; H_t=10 ft.; H_r=3 ft.; H_a=51 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: 0.84 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	1.80	0.57	9.7	7.1	6.8	NW.	24	W.	0	7	6	18	11	11	15	7	0	9	3	1	1	21	0	0	30	3	0
February	.43	.26	4.2	5.2	7.2	NW.	23	N.	0	10	10	8	5	2	13	3	0	2	1	1	1	21	0	0	27	6	0
March	1.33	.51	10.9	5.9	6.8	NW.	24	NW.	0	10	6	15	7	6	13	6	0	7	0	0	0	4	0	0	28	1	2
April	1.90	.92	T	6.4	7.9	SE.	29	SW.	0	7	7	16	10	8	2	1	0	4	1	0	0	0	0	0	2	0	4
May	7.60	3.25	.0	4.5	7.3	SE.	23	SW.	0	12	14	5	15	8	0	0	0	0	0	0	0	0	0	0	0	0	8
June	4.06	1.14	.0	5.2	6.2	SE.	24	SW.	0	13	5	12	13	9	0	0	0	3	3	1	1	0	4	0	0	0	5
July	1.94	.99	.0	4.3	5.3	SE.	24	SW.	0	12	15	4	10	7	0	0	0	1	0	0	0	0	10	2	0	0	10
August	.94	.39	.0	3.9	5.5	SE.	19	S.	0	16	11	4	6	5	0	0	0	1	0	0	0	0	10	0	0	0	4
September	6.23	3.02	.0	5.3	7.3	SE.	25	SW.	0	10	11	9	12	10	0	0	0	4	1	1	1	0	0	0	0	0	4
October	5.96	1.98	.0	5.9	5.9	SE.	24	SW.	0	11	7	13	14	10	0	0	0	17	10	7	6	0	0	0	3	0	5
November	1.01	.57	.8	6.4	7.2	W.	22	SW.	0	9	5	16	4	4	7	1	0	9	1	1	1	4	0	0	21	0	0
December	2.26	.81	19.5	6.3	7.6	SE.	22	NW.	0	9	7	15	11	8	12	7	0	11	7	5	2	11	0	0	27	1	0
Year	35.46	3.25	45.1	5.5	6.8	SE.	29	SW.	0	126	104	135	118	88	62	25	0	68	27	17	13	61	24	2	138	11	42

CHARLESTON, S. C.

Airport [H=43 ft.; H_b=48 ft.; H_t=5 ft.; H_r=3 ft.; H_a=38 ft.] City [H=9 ft.; H_b=48 ft.; H_t=11 ft.; H_r=3 ft.; H_a=92 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: 0.84 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	1.63	1.28	0.0	5.1	9.5	N.	26	N.	0	13	5	13	7	6	0	0	0	6	4	2	3	0	0	0	2	0	0
February	2.56	1.23	T	5.8	9.9	N.	27	W.	0	10	5	13	7	6	1	0	0	2	2	0	0	0	0	0	3	0	1
March	3.55	1.27	T	6.8	11.3	NW.	33	N.	1	4	12	15	13	9	1	0	0	1	1	1	0	0	0	0	2	0	2
April	1.38	.59	.0	5.2	10.7	NE.	31	NE.	0	11	7	12	10	5	0	0	0	1	1	0	0	0	0	0	0	0	4
May	.07	.06	.0	2.7	10.9	SW.	28	NE.	0	23	5	3	2	1	0	0	0	1	1	1	0	0	4	0	0	0	1
June	11.03	4.41	.0	7.0	10.2	S.	29	NW.	0	3	10	17	21	13	0	0	0	0	0	0	0	0	6	1	0	0	11
July	13.39	2.45	.0	6.2	9.0	S.	25	N.	0	6	14	11	14	13	0	0	0	1	1	0	0	0	7	4	0	0	11
August	12.77	3.71	.0	6.2	9.5	SW.	25	NE.	0	6	15	10	11	11	0	0	0	1	1	1	1	0	13	4	0	0	13
September	.78	.62	.0	5.4	10.7	NE.	31	NE.	0	9	11	10	7	3	0	0	0	5	5	4	3	0	4	1	0	0	2
October	2.55	1.79	.0	5.5	9.8	NE.	32	SE.	1	8	13	10	6	4	0	0	0	2	1	1	1	0	0	0	0	0	0
November	2.36	1.76	.0	4.7	9.8	N.	25	NE.	0	12	11	7	5	5	0	0	0	2	0	0	0	0	0	0	0	0	1
December	10.56	3.38	.0	5.7	9.8	N.	25	S.	0	12	5	14	11	8	0	0	0	5	1	0	0	0	0	0	0	0	1
Year	62.63	4.41	T	5.5	10.1	S.	33	N.	2	117	113	135	114	84	2	0	0	27	18	10	8	0	34	10	7	0	47

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

CHARLOTTE, N. C.

Airport [ϕ=35°13′ N.; λ=80°56′ W.] City [ϕ=35°13′ N.; λ=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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.30	30.15	29.71	28.93	36.9	34.3	48.6	43.0	34.6	32.5	41.7	38.6	51.6	33.4	42.5	66	18	31	30	32	32	31	78	82	56	66	71
February	29.14	29.99	29.45	28.56	34.7	29.1	46.7	41.4	30.5	26.8	37.6	34.5	50.0	30.1	40.0	62	22	23	22	23	23	23	62	75	40	48	56
March	29.18	30.02	29.49	28.69	40.2	36.8	52.9	47.9	36.3	34.0	42.5	40.9	56.7	35.9	46.3	70	24	31	29	28	32	30	69	74	42	55	60
April	29.24	30.06	29.54	28.73	56.7	54.7	71.9	65.8	51.7	50.2	57.5	55.9	74.4	53.6	64.0	89	46	46	46	46	48	47	73	74	44	57	62
May	29.20	30.02	29.55	28.87	64.0	63.3	81.1	75.5	57.0	56.7	62.7	61.3	83.9	60.0	72.0	98	46	52	52	50	52	51	65	67	37	45	54
June	29.17	29.98	29.42	28.78	69.4	70.5	83.6	77.7	65.9	67.0	70.1	68.7	86.2	67.7	77.0	96	60	64	65	63	64	64	84	84	53	66	72
July	29.17	29.98	29.33	28.98	73.2	73.3	84.9	79.8	71.3	71.2	74.9	73.6	88.4	71.2	79.8	99	67	70	70	71	71	71	91	90	64	76	80
August	29.18	29.99	29.48	28.95	72.4	72.4	86.4	79.8	69.5	69.6	73.3	72.5	89.0	70.4	79.7	98	62	68	68	68	69	68	87	87	55	71	75
September	29.28	30.10	29.52	29.03	68.4	66.6	84.2	76.3	64.6	64.0	69.2	67.4	86.8	65.4	76.1	98	52	62	62	61	63	62	82	87	49	64	70
October	29.31	30.14	29.63	28.99	62.3	58.5	78.6	69.1	57.4	55.8	63.4	59.9	80.3	58.3	69.3	94	42	54	53	53	53	53	75	84	43	58	65
November	29.27	30.11	29.66	28.69	45.5	40.8	62.3	52.4	42.2	38.8	50.2	45.4	64.1	41.4	52.8	77	29	33	36	38	38	37	77	84	44	59	66
December	29.26	30.11	29.64	28.72	41.8	38.1	54.0	47.1	38.9	36.1	46.0	42.7	56.0	38.3	47.2	73	24	35	33	37	38	36	77	83	56	70	71
Year	29.22	30.05	29.71	28.56	55.5	53.2	69.6	63.0	51.7	50.2	57.4	55.1	72.3	52.1	62.2	99	18	48	47	48	49	48	77	81	49	61	67

CHATTANOOGA, TENN.

Airport [ϕ=35°02′ N.; λ=85°12′ 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)																							
January	29.35	30.19	29.72	28.82	36.5	33.7	47.1	42.5	34.8	32.4	41.2	38.8	51.8	30.1	41.0	67	19	32	30	33	34	32	85	88	60	71	76
February	29.24	30.08	29.52	28.83	32.9	30.3	43.7	40.3	30.2	28.3	36.1	34.7	48.6	26.8	37.7	62	19	26	25	24	26	25	74	80	47	57	64
March	29.24	30.07	29.64	28.84	38.4	35.4	51.1	48.1	36.0	33.5	42.8	41.9	56.1	32.3	44.2	71	22	32	31	32	34	32	79	83	51	60	68
April	29.24	30.06	29.56	28.82	54.1	52.2	71.2	67.5	51.4	50.2	57.8	57.1	75.0	48.9	62.0	86	36	49	48	48	49	49	84	88	47	54	68
May	29.23	30.03	29.48	28.96	61.4	61.4	81.5	77.2	57.0	57.2	63.4	63.4	85.1	54.6	69.8	99	36	54	54	51	54	54	78	78	37	47	60
June	29.20	29.99	29.43	28.94	68.5	69.6	84.2	79.7	66.3	66.6	70.3	70.0	87.9	63.9	75.9	95	53	65	65	63	65	65	89	86	51	63	72
July	29.19	29.98	29.34	29.02	72.4	73.2	85.3	80.3	71.2	71.2	74.7	74.3	89.0	69.3	79.2	94	62	71	70	70	72	71	94	91	62	76	81
August	29.20	30.00	29.46	29.06	71.5	71.2	86.3	80.2	70.0	69.4	74.2	74.1	89.7	67.7	78.7	95	61	70	69	69	72	70	93	92	57	76	79
September	29.27	30.08	29.48	28.95	66.0	63.0	85.8	77.6	63.6	61.4	69.7	68.5	89.3	59.6	74.4	95	45	62	60	61	64	62	88	92	45	64	72
October	29.31	30.12	29.54	28.97	61.0	57.5	76.9	69.0	57.9	55.7	63.9	61.5	80.2	54.8	67.5	93	35	56	54	56	56	56	84	90	50	66	73
November	29.31	30.14	29.66	28.75	41.1	37.8	57.6	48.1	39.5	36.6	47.7	43.9	61.1	34.6	47.8	75	24	38	35	37	39	37	88	90	49	73	75
December	29.30	30.13	29.59	28.71	39.7	37.3	52.2	45.6	37.9	35.8	44.8	41.9	54.7	33.7	44.2	69	21	36	34	36	38	36	85	88	56	74	76
Year	29.26	30.07	29.72	28.71	53.6	51.9	68.6	63.0	51.3	49.9	57.2	55.8	72.4	48.0	60.2	99	19	49	48	48	50	49	85	87	51	65	72

CHEYENNE, WYO.

Airport [ϕ=41°08′ N.; λ=104°48′ 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)																							
January	23.99	30.14	24.39	23.59	25.2	23.6	38.4	33.1	21.3	20.2	29.8	26.9	42.8	17.7	30.2	61	8	14	13	17	17	15	61	63	43	51	54
February	23.94	30.06	24.22	23.29	25.8	25.7	39.5	35.7	23.1	22.2	31.2	29.6	44.3	19.9	32.1	59	5	18	16	19	21	19	73	67	47	58	61
March	23.95	30.06	24.23	23.53	28.9	25.6	37.0	36.5	26.0	23.5	30.7	30.4	41.7	21.5	31.6	66	−3	22	20	23	23	22	76	81	60	61	70
April	23.88	29.89	24.18	23.50	35.7	32.8	46.1	45.7	33.5	31.0	38.3	38.6	50.9	30.3	40.6	66	21	31	29	30	31	30	82	84	55	69	70
May	23.98	29.67	24.41	23.58	48.5	44.4	61.7	61.8	44.4	41.0	48.5	49.2	66.7	41.9	54.3	96	32	41	38	38	39	39	76	80	46	48	62
June	24.02	29.89	24.29	23.78	53.4	49.4	67.1	65.6	48.8	45.8	52.1	53.2	71.8	46.8	59.3	85	37	45	43	44	45	44	76	80	47	51	64
July	24.13	29.97	24.28	23.93	60.0	56.0	78.2	73.7	55.1	52.1	59.5	58.6	81.9	58.6	67.8	98	48	52	49	49	50	50	77	80	38	47	61
August	24.10	29.96	24.29	23.90	60.6	55.0	74.7	73.1	53.9	50.7	57.6	57.5	80.0	53.1	66.6	92	45	50	48	47	48	48	70	78	40	45	58
September	23.99	29.88	24.27	23.69	49.3	44.7	64.6	62.9	43.1	39.5	48.5	48.0	68.8	40.4	54.5	83	27	38	35	35	36	36	67	70	38	40	54
October	24.03	30.02	24.41	23.62	40.4	38.2	51.6	48.6	37.1	35.3	42.1	41.3	56.3	33.3	44.8	73	18	34	32	33	34	33	79	79	54	62	68
November	24.01	30.08	24.24	23.48	33.0	33.0	46.4	40.6	27.5	27.2	35.0	32.4	50.8	25.7	38.2	69	−7	19	18	21	22	20	57	55	39	48	50
December	23.90	30.02	24.23	23.43	27.5	26.5	36.4	30.1	22.6	22.2	28.1	24.4	41.8	17.9	29.8	67	−13	15	15	16	15	15	60	62	47	58	57
Year	23.99	29.99	24.41	23.29	40.7	37.9	53.5	50.6	36.4	34.2	41.8	40.8	58.2	33.5	45.8	93	−13	32	30	31	32	31	71	73	46	52	61

CHICAGO, ILL., UNIVERSITY OBSERVATORY

[ϕ=41°47′ N.; λ=87°36′ 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	29.42	30.18	29.86	28.76	----	26.4	29.9	29.3	----	24.9	27.4	27.4	33.5	22.7	28.1	50	3	----	22	23	24	23	----	81	74	78	78
February	29.31	30.07	29.70	28.70	----	22.4	28.2	27.9	----	20.8	25.4	25.4	31.8	19.4	25.6	51	−5	----	18	20	20	19	----	80	68	72	73
March	29.34	30.09	29.76	28.62	----	29.7	34.5	33.8	----	27.4	30.7	30.5	37.3	26.8	32.0	54	1	----	23	24	25	24	----	76	65	69	70
April	29.33	30.06	29.72	28.79	----	47.3	57.0	53.0	----	43.3	48.8	46.5	60.2	45.2	52.7	83	33	----	39	41	40	40	----	74	60	64	66
May	29.29	30.01	29.75	28.85	----	58.1	66.2	64.4	----	52.4	56.1	55.3	71.3	53.5	62.4	91	40	----	47	48	48	48	----	69	55	59	61
June	29.23	29.95	29.50	28.98	----	64.9	74.4	72.0	----	60.1	63.7	62.8	77.3	61.5	69.4	94	51	----	57	58	58	57	----	77	60	64	67
July	29.26	29.97	29.57	28.90	----	69.0	78.4	76.0	----	64.5	67.3	66.4	81.4	66.0	73.7	98	55	----	62	61	61	61	----	78	58	62	66
August	29.29	30.00	29.59	28.90	----	68.4	78.6	75.7	----	63.1	66.7	66.2	81.2	66.1	73.6	98	58	----	60	60	61	60	----	75	55	62	64
September	29.31	30.03	29.74	28.52	----	63.2	74.1	70.4	----	59.2	63.0	62.6	76.9	60.6	68.8	90	44	----	57	56	58	57	----	79	56	66	67
October	29.34	30.06	29.73	28.63	----	53.7	59.8	58.4	----	51.3	53.3	53.5	63.9	49.9	56.9	81	30	----	49	48	49	49	----	84	67	73	75
November	29.27	30.01	29.71	28.62	----	38.9	46.3	44.6	----	36.7	41.4	40.9	49.4	37.0	43.2	70	17	----	34	36	37	36	----	82	68	75	75
December	29.32	30.06	29.81	28.62	----	34.7	37.9	37.8	----	32.6	34.7	34.7	41.4	31.3	36.4	59	12	----	29	30	30	30	----	80	72	73	76
Year	29.31	30.04	29.86	28.52	----	48.1	55.4	53.6	----	44.7	48.2	47.7	58.8	45.0	51.9	98	−5	----	41	42	43	42	----	78	63	68	70

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Charlotte, 779 feet; Chattanooga, 762 feet; Cheyenne, 6,094 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

CHARLOTTE, N. C.

Airport [H=753 ft.; H_b=769 ft.; H_t=4 ft.; H_r=3 ft.; H_a=85 ft.] City [H=741 ft.; H_b=779 ft.; H_t=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	0.84 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	1.36	0.47	0.0	5.2	6.5	NE.	23	SW.	0	13	6	12	9	7	0	0	0	7	4	4	2	0	0	0	15	0	0
February	1.67	1.00	2.8	4.9	7.1	NE.	24	W.	0	10	10	8	4	4	2	2	0	4	1	0	0	0	0	0	19	0	0
March	3.58	.90	1.3	6.0	8.3	SW.	29	SW.	0	6	13	12	12	7	2	2	1	3	0	0	0	0	0	0	12	0	1
April	3.04	1.41	.0	5.4	6.8	NE.	24	SW.	0	10	10	10	7	6	0	0	1	3	2	1	1	0	0	0	0	0	1
May	.21	.08	.0	3.4	6.8	SW.	32	NW.	1	18	10	3	5	3	0	0	0	1	0	0	0	0	9	5	0	0	1
June	4.07	1.32	.0	7.0	5.8	SW.	23	SW.	0	4	8	18	12	10	0	0	0	5	2	2	0	0	7	1	0	0	9
July	8.44	2.97	.0	7.6	6.2	SW.	17	SW.	0	0	11	20	15	12	0	0	0	5	0	0	2	0	13	4	0	0	12
August	2.39	.61	.0	5.8	5.9	SW.	22	W.	0	6	15	10	8	8	0	0	0	3	1	0	0	0	14	4	0	0	6
September	1.18	.55	.0	4.3	6.2	NE.	19	W.	0	14	9	7	6	5	0	0	0	6	3	3	3	0	12	5	0	0	3
October	2.08	2.06	.0	5.1	6.6	S.	21	S.	0	10	12	9	3	1	0	0	0	8	5	2	0	0	3	0	0	0	0
November	.79	.35	.0	3.4	5.9	SW.	22	SW.	0	17	8	5	7	6	0	0	0	2	2	2	0	0	0	0	5	0	0
December	4.82	2.15	.0	5.2	6.4	SW.	18	SW.	0	12	10	9	7	6	0	0	0	6	2	2	1	0	0	0	7	0	0
Year	33.63	2.97	4.1	5.3	6.5	SW.	32	NW.	1	120	122	123	95	75	4	4	2	53	22	16	9	0	58	19	58	0	33

CHATTANOOGA, TENN.

Airport [H=672 ft.; H_b=762 ft.; H_t=6 ft.; H_r=3 ft.; H_a=54 ft.]

January	4.11	2.08	T	6.2	6.2	S.	26	SW.	0	11	5	15	9	9	2	0	0	20	2	2	2	0	0	0	20	0	1
February	.62	.45	0.4	5.7	7.6	NE.	34	NW.	1	10	6	12	7	3	5	1	0	7	1	0	0	0	0	0	24	0	0
March	3.61	1.55	T	6.6	8.0	NE.	36	NW.	1	9	5	17	13	11	1	0	0	14	4	1	0	0	0	0	17	0	3
April	3.17	1.45	.0	6.4	6.2	S.	35	W.	1	6	10	14	9	5	0	0	0	9	2	2	1	0	0	0	0	0	3
May	.54	.22	.0	3.6	6.1	S.	23	W.	0	19	8	4	5	4	0	0	0	2	0	0	0	0	9	4	0	0	2
June	3.52	.70	.0	6.8	5.4	S.	31	W.	0	5	8	17	13	11	0	0	0	9	4	4	3	0	13	0	0	0	10
July	11.54	4.79	.0	7.2	4.7	S.	36	W.	1	1	16	14	19	19	0	0	0	18	8	8	7	0	18	0	0	0	18
August	5.79	3.70	.0	6.3	4.4	S.	32	NW.	1	5	13	13	9	7	0	0	1	22	7	5	2	0	16	1	0	0	12
September	.34	.23	.0	3.5	4.6	NE.	25	SE.	0	14	14	2	5	3	0	0	0	10	4	3	2	0	15	0	0	0	4
October	2.72	1.22	.0	5.8	5.5	S.	33	SW.	1	8	12	11	6	5	0	0	0	13	4	2	2	0	5	0	0	0	1
November	2.80	1.58	T	5.1	5.2	S.	28	W.	0	13	5	12	6	6	2	0	0	18	5	5	5	0	0	0	13	0	1
December	5.39	1.91	.0	6.8	5.9	S.	27	W.	0	6	10	15	9	9	0	0	0	19	7	5	5	0	0	0	18	0	2
Year	44.15	4.79	.4	5.8	5.8	S.	36	W.	6	107	112	146	110	92	10	1	1	161	48	37	29	0	76	5	92	0	58

CHEYENNE, WYO.

Airport [H=6,139 ft.; H_b=6,094 ft.; H_t=5 ft.; H_r=15 ft.; H_a=39 ft.]

January	0.33	0.31	4.0	6.4	10.9	NW.	40	NW.	4	10	5	16	3	1	7	3	0	6	2	3	3	4	0	0	21	0	0
February	.32	.18	3.1	5.8	10.5	NW.	38	NW.	5	10	4	14	8	3	12	7	0	8	5	5	6	3	0	0	28	0	0
March	1.37	.38	12.3	7.8	12.4	NW.	44	N.	4	3	7	21	12	8	20	12	0	17	7	10	6	8	0	0	28	1	0
April	3.70	1.28	21.9	7.4	12.1	NW.	38	NW.	4	3	12	15	15	9	11	9	2	14	2	7	4	0	0	0	22	0	3
May	.68	.16	.0	7.0	11.1	NW.	43	N.	5	3	13	15	8	6	0	0	2	8	5	5	5	0	0	0	0	0	10
June	4.66	2.17	.0	6.5	10.0	NW.	35	N.	1	2	16	12	14	9	0	0	2	5	2	2	0	0	0	0	0	0	14
July	2.08	.63	.0	6.0	8.3	NW.	35	W.	1	4	18	9	16	12	0	0	5	5	4	4	4	0	2	0	0	0	18
August	1.86	.93	.0	6.6	9.0	NW.	34	NW.	1	5	11	15	12	8	0	0	1	5	3	1	2	0	3	0	0	0	11
September	1.10	.50	2.0	5.7	10.6	NW.	42	NW.	3	8	13	9	9	6	1	1	0	4	1	0	0	0	0	0	3	0	2
October	1.43	.65	1.0	6.3	10.0	NW.	34	NW.	2	7	10	14	11	8	7	4	0	10	4	4	5	0	0	0	11	0	1
November	.71	.24	7.3	5.7	12.6	NW.	43	NW.	5	7	15	8	4	4	6	4	0	2	1	1	2	1	0	0	25	1	0
December	.72	.36	8.0	6.4	11.8	NW.	44	W.	7	5	14	12	7	5	13	7	0	8	3	3	2	8	0	0	29	3	0
Year	18.96	2.17	59.6	6.5	10.8	NW.	44	N.	42	67	138	160	119	79	77	47	12	93	39	45	40	24	5	0	177	5	59

CHICAGO, ILL., UNIVERSITY OBSERVATORY

[H=594 ft.; H_b=673 ft.; H_t=7 ft.; H_r=3 ft.; H_a=131 ft.]

January	2.26	0.85	10.7	8.0	10.4	W.	26	NW.	0	3	8	20	11	9	17	6	0	8	4	0	0	14	0	0	30	0	0
February	1.01	.49	11.2	7.0	11.6	NW.	34	W.	1	9	1	18	8	6	20	7	0	2	2	1	0	14	0	0	26	2	0
March	2.80	.84	11.7	6.5	10.0	NE.	33	NW.	1	9	6	16	9	8	12	7	0	1	3	1	0	4	0	0	23	0	1
April	2.63	.70	.0	6.3	10.3	E.	38	SW.	1	7	8	15	11	7	0	0	0	7	5	3	2	0	0	0	0	0	3
May	3.42	1.44	.0	4.6	10.0	SW.	32	NW.	1	13	10	8	12	8	0	0	1	3	2	1	0	0	1	0	0	0	6
June	3.43	1.33	.0	5.9	9.4	NE.	26	SW.	0	8	10	12	8	7	0	0	0	7	3	1	0	0	6	0	0	0	6
July	1.10	.61	.0	4.4	8.8	NE.	25	NW.	0	11	16	4	5	5	0	0	0	4	1	0	0	0	4	3	0	0	5
August	2.16	.86	.0	4.6	8.9	NE.	28	SW.	0	11	14	6	11	9	0	0	1	4	0	0	0	0	6	1	0	0	5
September	5.20	1.43	.0	4.8	10.3	SW.	29	NW.	0	13	8	9	11	10	0	0	0	2	1	1	0	0	1	0	0	0	6
October	8.44	1.71	.0	6.4	9.7	S.	34	N.	1	10	5	16	16	15	0	0	0	8	3	2	1	0	0	0	1	0	3
November	2.07	.77	5.2	6.5	12.0	W.	28	SW.	0	7	8	15	10	6	8	5	0	1	1	1	1	1	0	0	8	0	1
December	.97	.52	1.7	8.0	10.4	S.	32	SW.	1	5	4	22	9	6	14	3	0	7	5	3	1	7	0	0	17	0	0
Year	35.29	1.71	40.5	6.1	10.1	SW.	38	SW.	6	106	98	161	121	96	71	28	2	54	30	14	5	40	18	4	105	2	36

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

CINCINNATI, OHIO

Airport [ϕ=39°06′ N.; λ=84°25′ W.] City [ϕ=39°09′ N.; λ=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 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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.49	30.19	29.91	28.85	31.4	29.9	36.7	34.7	29.9	28.7	33.3	32.0	39.0	26.5	32.8	55	6	27	27	28	28	28	85	88	71	75	80
February	29.37	30.08	29.71	28.90	28.6	25.8	35.9	32.5	26.6	24.1	30.5	28.8	37.5	23.2	30.4	61	7	23	21	21	22	22	79	81	54	64	69
March	29.39	30.09	29.85	28.85	32.0	28.6	44.0	41.7	29.5	27.1	36.3	35.5	46.9	27.5	37.2	67	8	26	24	25	26	25	76	84	48	54	66
April	29.39	30.07	29.76	28.93	51.3	49.3	69.3	64.2	47.8	46.5	55.0	53.2	70.4	48.0	59.2	86	35	44	44	43	44	44	79	83	42	51	63
May	29.36	30.02	29.71	29.00	57.9	58.2	78.4	74.6	53.8	54.2	60.8	60.1	79.3	54.5	66.9	93	40	50	51	48	50	50	78	78	36	43	58
June	29.30	29.96	29.58	28.92	66.9	67.3	82.2	78.1	64.4	64.3	69.3	68.6	82.5	63.6	73.0	95	51	63	63	63	64	63	88	86	55	64	73
July	29.30	29.96	29.55	28.97	70.0	70.8	88.8	83.1	67.5	67.1	72.5	71.8	88.2	66.5	77.4	99	56	66	65	65	66	66	88	83	46	60	69
August	29.34	30.00	29.60	29.09	67.9	66.9	85.6	81.5	64.5	63.6	69.5	69.3	86.9	64.1	75.5	99	52	63	62	61	63	62	84	84	46	55	67
September	29.41	30.08	29.76	28.79	62.8	60.2	82.4	75.2	59.9	58.0	66.9	65.3	83.9	59.8	71.8	93	45	58	57	58	60	58	85	89	46	59	70
October	29.43	30.11	29.80	28.93	55.9	54.2	70.0	63.6	53.5	52.2	59.9	57.9	70.7	52.5	61.6	91	30	52	51	52	54	52	87	89	56	72	76
November	27.40	30.10	29.83	28.76	40.6	37.3	52.9	45.4	38.6	36.0	44.8	41.3	55.0	37.5	46.2	72	23	36	34	36	37	36	85	90	55	72	75
December	29.42	30.11	29.86	28.68	36.2	35.1	45.0	40.5	34.3	33.4	40.3	37.5	45.9	32.7	39.3	64	17	31	31	34	33	33	83	85	66	75	77
Year	29.38	30.06	29.91	28.68	50.1	48.6	64.3	59.6	47.5	46.3	53.3	51.8	65.5	46.4	55.9	99	6	45	44	44	46	45	83	85	52	62	70

CLEVELAND, OHIO

Airport [ϕ=41°30′ N.; λ=81°40′ W.] City [ϕ=41°24′ N.; λ=81°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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.31	30.16	29.77	28.72	27.2	27.1	30.4	28.9	25.7	25.9	28.2	27.2	34.5	24.6	29.6	56	12	23	24	24	24	24	82	86	77	82	82
February	29.15	30.00	29.51	28.56	23.7	22.8	28.5	26.1	22.2	21.4	25.5	24.0	31.9	21.4	26.6	55	10	20	19	20	20	20	83	84	70	78	79
March	29.21	30.06	29.56	28.60	26.8	25.3	35.6	32.6	25.1	24.0	30.7	29.6	36.8	24.2	30.5	57	7	22	22	23	24	23	81	85	59	72	74
April	29.26	30.09	29.63	28.76	46.3	46.9	62.2	56.3	41.9	42.7	50.1	47.2	60.7	43.4	52.0	83	30	37	38	38	38	38	72	73	43	53	60
May	29.19	30.01	29.56	28.80	55.0	56.8	70.0	66.4	49.6	50.8	56.5	55.5	71.0	53.6	62.2	89	38	45	45	45	46	45	70	67	45	51	58
June 3	29.16	29.96	29.44	28.76	63.4	65.9	77.7	73.9	59.6	61.2	64.2	63.6	81.6	59.7	70.6	97	47	57	58	56	57	57	81	77	50	59	67
July	29.16	29.96	29.42	28.74	67.5	70.5	82.3	78.1	63.6	65.2	68.6	67.3	86.5	64.0	75.2	103	52	61	62	62	61	62	81	76	51	59	67
August	29.19	30.00	29.52	28.82	63.4	65.1	79.0	74.7	59.1	60.5	64.5	63.7	82.7	58.7	70.7	96	46	56	57	56	57	56	78	77	56	56	64
September	29.27	30.09	29.60	28.60	61.5	61.4	75.6	68.7	56.5	56.2	62.2	60.3	80.1	55.5	67.8	92	44	53	52	53	55	53	74	72	48	62	64
October	29.26	30.09	29.68	28.70	53.9	52.6	62.6	57.6	50.2	49.7	54.5	53.0	65.0	47.9	56.4	88	34	47	47	48	49	48	78	82	60	74	74
November	29.19	30.03	29.62	28.50	41.2	39.5	47.8	43.5	37.9	37.2	41.8	39.5	50.9	35.5	43.2	70	22	34	34	35	35	34	76	82	62	72	73
December	29.23	30.07	29.70	28.47	35.6	35.0	39.5	37.4	33.2	32.9	35.9	34.7	42.3	31.5	36.9	69	18	30	30	31	31	30	78	80	71	76	76
Year	29.22	30.04	29.77	28.47	47.1	47.4	57.6	53.7	43.7	44.0	48.6	47.1	60.3	43.3	51.8	103	7	40	41	41	41	41	78	78	58	66	70

COLUMBIA, MO.

Airport [ϕ=38°58′ N.; λ=92°22′ W.] City [ϕ=38°57′ N.; λ=92°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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.31	30.18	29.78	28.64	31.8	29.1	35.9	34.7	30.3	28.0	33.2	32.4	40.5	27.1	33.8	64	8	28	26	29	29	28	84	87	77	79	82
February	29.27	30.14	29.67	28.47	29.2	25.9	34.5	33.6	26.5	24.1	30.1	29.4	40.3	24.1	32.2	61	13	22	21	22	22	22	73	79	60	62	68
March	29.24	30.10	29.65	28.57	34.9	31.0	45.1	44.6	31.8	28.8	37.8	37.4	51.1	30.7	40.9	71	14	27	25	28	28	27	72	79	52	52	64
April	29.15	29.99	29.60	28.67	53.6	50.7	63.9	63.0	48.6	47.3	54.6	53.6	68.9	49.2	59.0	87	38	44	44	47	46	45	72	80	58	57	67
May	29.16	29.98	29.54	28.77	63.6	60.6	77.2	75.7	58.4	56.8	63.9	63.4	81.3	58.7	70.0	92	42	55	54	55	56	55	74	80	48	51	63
June	29.10	29.92	29.35	28.85	68.7	67.3	80.4	79.4	65.0	64.1	69.7	69.0	84.6	65.0	74.8	95	51	63	62	64	64	63	83	85	60	61	72
July	29.13	29.95	29.36	28.89	72.7	69.7	85.0	84.4	68.1	66.2	71.9	72.6	89.6	67.8	78.7	102	59	66	64	66	67	66	80	84	55	58	69
August	29.15	29.96	29.36	28.89	73.3	69.5	86.3	83.0	68.1	66.1	72.9	72.2	90.4	68.8	79.6	100	57	66	64	67	67	66	78	84	54	62	70
September	29.17	30.00	29.61	28.68	67.3	64.4	77.3	73.3	63.4	61.8	67.0	66.0	81.5	61.8	71.6	91	42	61	60	62	62	61	81	87	60	69	74
October	29.20	30.04	29.57	28.58	58.6	55.6	65.0	62.3	55.8	54.1	58.7	57.6	69.4	53.5	61.4	85	28	54	53	54	54	54	84	91	71	76	80
November	29.22	30.08	29.63	28.77	41.6	39.1	50.2	46.8	38.8	37.3	44.3	42.1	54.3	37.1	45.7	78	20	36	35	38	37	37	79	85	65	71	75
December	29.21	30.08	29.66	28.55	37.0	35.1	42.8	40.1	34.7	33.4	38.3	36.5	46.8	32.4	39.6	68	17	31	31	32	32	32	80	83	68	73	76
Year	29.19	30.03	29.78	28.47	52.7	49.8	62.0	60.1	49.1	47.3	53.5	52.7	66.6	48.0	57.3	102	8	46	45	47	47	46	78	84	61	64	72

COLUMBIA, S. C.

Airport [ϕ=34°00′ N.; λ=81°03′ W.] City [ϕ=34°00′ N.; λ=81°03′ 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)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.78	30.16	30.18	29.41	41.5	37.3	54.0	48.7	38.7	35.6	45.1	43.0	56.3	37.6	47.0	70	26	35	33	34	36	34	76	84	49	62	68
February	29.62	30.01	29.96	29.10	37.3	33.4	51.3	46.4	34.0	31.2	40.9	39.0	54.1	33.1	43.6	64	25	29	28	26	28	28	72	79	39	50	60
March	29.66	30.04	30.02	29.19	43.8	40.6	57.8	53.2	40.1	38.0	46.7	45.3	60.5	38.8	49.6	71	25	35	34	33	36	34	72	78	42	54	62
April	29.70	30.07	30.05	29.21	59.3	57.5	75.7	69.5	54.3	53.9	60.2	58.3	77.3	55.6	66.4	89	48	50	51	48	50	50	74	81	42	52	62
May	29.66	30.03	29.96	29.34	65.2	65.7	85.5	78.6	58.9	59.1	64.9	63.0	86.5	61.1	73.8	100	48	54	54	51	52	53	70	66	33	42	53
June	29.64	30.00	29.89	29.26	71.6	73.1	86.7	78.6	68.6	69.5	72.7	70.6	87.5	68.7	78.1	100	64	67	68	66	66	67	86	84	58	69	73
July	29.64	30.00	29.81	29.42	75.1	76.6	89.0	81.5	73.5	73.9	78.3	75.6	89.5	72.5	81.0	97	68	73	73	74	73	73	93	88	63	78	80
August	29.63	29.99	29.92	29.41	74.6	74.9	88.7	80.8	72.0	72.4	76.5	74.9	89.7	71.7	80.7	99	64	71	71	72	72	72	88	89	59	76	78
September	29.73	30.09	29.93	29.49	70.6	68.8	87.2	78.5	67.1	66.4	72.5	71.0	88.4	66.7	77.6	97	54	65	65	65	67	66	84	88	50	70	73
October	29.76	30.12	30.06	29.49	65.1	62.2	82.1	72.6	61.6	59.9	68.3	65.9	82.8	61.6	72.2	94	49	59	58	60	62	60	82	87	49	70	72
November	29.74	30.11	30.12	29.19	48.4	44.2	66.4	57.4	46.1	42.8	54.8	51.6	67.9	43.9	55.9	80	29	44	41	44	46	44	85	90	47	68	72
December	29.74	30.12	30.09	29.22	44.6	40.9	57.8	50.7	42.7	39.4	49.4	46.6	59.5	40.9	50.2	74	29	40	38	41	42	40	85	88	56	73	75
Year	29.69	30.06	30.18	29.10	58.1	56.3	73.5	66.4	54.8	53.5	60.9	58.7	75.0	54.4	64.7	100	25	52	51	51	52	52	81	84	48	64	69

[1] Pressure (station level) at airport adjusted to the old (city) elevation: Cincinnati, 627 feet; Cleveland, 762 feet; Columbia, Mo., 784 feet; Columbia, S. C., 247 feet.
[2] Airport data.
[3] Airport data beginning with June.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

CINCINNATI, OHIO

Airport [H=483 ft.; H_b=497 ft.; H_t=22 ft.; H_r=19 ft.; H_a=48 ft.] City [H=761 ft.; H_b=627 ft.; H_t=11 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	0.84 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	2.06	0.70	4.0	8.1	7.8	SW.	26	W.	0	4	5	22	13	10	8	3	0	4	4	4	2	7	0	0	26	0	0
February	.64	.43	2.9	6.6	9.2	W.	33	W.	1	4	12	12	9	4	16	7	0	1	1	1	1	8	0	0	26	0	0
March	1.13	.54	.4	6.1	8.8	NE.	31	SW.	0	9	9	13	8	7	9	3	0	3	3	1	1	1	0	0	24	0	0
April	1.37	.78	.0	5.7	7.6	NE.	30	SW.	0	8	10	12	10	7	0	0	1	4	1	0	0	0	0	0	0	0	5
May	.85	.39	.0	4.8	6.7	SW.	27	NW.	0	14	10	7	8	5	0	0	0	0	0	0	0	0	5	0	0	0	6
June	5.81	1.55	.0	5.8	5.7	SW.	22	W.	0	10	7	13	13	13	0	0	0	1	0	0	0	0	4	1	0	0	12
July	3.47	1.10	.0	4.8	5.6	SW.	21	SW.	0	13	9	9	8	7	0	0	1	2	0	0	0	0	12	6	0	0	10
August	2.19	1.34	.0	4.5	6.0	NE.	18	SW.	0	14	10	7	7	6	0	0	0	3	0	0	0	0	10	3	0	0	6
September	1.88	.68	.0	4.2	6.5	NE.	31	SW.	0	15	7	8	6	5	0	0	0	1	0	0	0	0	5	0	0	0	6
October	4.38	1.54	.0	6.4	7.0	SW.	24	SW.	0	6	9	16	14	14	0	0	0	6	6	3	3	0	1	0	1	0	3
November	1.53	.63	T	5.4	7.9	SW.	26	SW.	0	13	3	14	9	6	7	1	0	0	0	0	1	0	0	0	7	0	1
December	2.70	1.77	T	7.7	8.0	SW.	26	W.	0	3	9	19	9	5	4	2	0	6	5	4	5	2	0	0	16	0	1
Year	28.01	1.77	7.8	5.8	7.2	SW.	33	W.	1	113	100	152	114	89	44	16	2	31	20	13	13	18	37	10	100	0	50

CLEVELAND, OHIO

Airport [H=787 ft.; H_b=805 ft.; H_t=27 ft.; H_r=5 ft.; H_a=54 ft.] [H=762 ft.; H_b=805 ft.; H_t=5 ft.; H_r=5 ft.; H_a=234 ft.]

January	1.85	0.40	15.2	9.2	15.0	W.	44	W.	3	0	5	26	16	11	20	11	0	4	0	0	0	13	0	0	28	0	0
February	1.35	.39	14.2	7.5	17.0	W.	51	W.	4	4	6	18	16	8	20	15	0	1	0	0	0	16	0	0	26	0	0
March	1.28	.41	7.0	6.5	14.3	NW.	47	W.	5	7	8	16	14	11	15	11	0	3	0	0	0	12	0	0	28	0	1
April	1.13	.55	.0	4.2	13.1	NE.	51	SW.	4	15	6	9	8	5	0	0	0	3	0	0	0	0	0	0	1	0	1
May	2.41	.76	.0	4.1	13.4	SW.	40	NW.	2	14	10	7	9	7	0	0	0	3	0	0	0	0	0	0	0	0	5
June [1]	2.79	1.00	.0	6.0	8.6	SE.	31	SW.	0	6	13	11	10	9	0	0	0	15	4	1	1	0	7	3	0	0	8
July	3.34	.94	.0	5.5	8.5	S.	37	NW.	2	8	14	9	11	10	0	0	0	11	0	0	0	0	11	6	0	0	9
August	3.23	1.56	.0	4.6	8.6	S.	39	NW.	1	12	13	6	7	4	0	0	0	10	0	0	1	0	4	1	0	0	6
September	1.49	.58	.0	4.6	10.8	S.	44	S.	5	13	8	9	9	6	0	0	0	8	1	1	1	0	1	0	0	0	5
October	3.22	1.11	.0	7.7	11.0	S.	37	W.	2	3	8	20	14	11	0	0	0	15	4	2	2	0	0	0	0	0	3
November	1.11	.52	.5	6.9	12.6	SW.	34	SW.	2	7	5	18	9	4	9	5	0	8	3	2	1	0	0	0	13	0	0
December	1.76	.55	3.1	9.1	12.2	W.	43	W.	4	0	5	26	13	8	16	6	0	9	4	2	2	4	0	0	18	0	1
Year	24.96	1.56	40.0	6.3	12.1	S.	51	W.	34	89	101	175	136	94	80	48	0	90	16	8	8	45	23	10	114	0	39

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	2.85	1.06	3.4	7.1	7.5	NW.	21	NW.	0	8	5	18	14	10	9	5	1	7	3	2	3	8	0	0	23	0	0
February	.31	.17	1.3	6.6	8.0	NW.	28	NW.	0	5	10	13	6	3	9	3	0	1	0	0	0	6	0	0	25	0	1
March	.61	.28	.5	5.8	8.9	NW.	24	NW.	0	7	12	12	5	3	10	1	0	0	0	0	0	1	0	0	18	0	1
April	3.94	1.83	.0	6.1	8.4	E.	28	S.	0	6	12	12	10	10	0	0	0	1	0	1	1	0	0	0	0	0	5
May	5.35	2.29	.0	4.5	7.4	S.	21	NW.	0	11	17	3	8	7	0	0	0	0	0	0	0	0	4	0	0	0	7
June	4.36	1.29	.0	5.4	6.0	S.	20	W.	0	11	10	9	10	9	0	0	0	0	0	0	0	0	10	1	0	0	9
July	4.83	2.18	.0	4.2	5.9	SW.	18	SE.	0	11	16	4	7	6	0	0	0	0	0	0	0	0	13	8	0	0	10
August	3.30	1.34	.0	4.6	5.9	E.	22	NW.	0	12	14	5	11	9	0	0	0	0	0	0	0	0	19	8	0	0	12
September	6.35	2.27	.0	4.2	6.9	S.	21	NW.	0	14	9	7	13	10	0	0	0	1	0	0	0	0	4	0	0	0	3
October	13.44	4.55	.0	6.8	6.7	S.	21	W.	0	5	12	14	17	15	0	0	0	0	0	0	0	0	0	0	1	0	6
November	2.44	.98	3.5	5.1	7.3	S.	20	NW.	0	12	7	11	6	4	5	1	0	1	1	0	1	2	0	0	8	0	0
December	1.81	1.13	2.3	6.3	7.8	S.	23	SW.	0	7	11	13	6	5	5	3	0	2	2	0	2	3	0	0	14	0	1
Year	49.59	4.55	11.0	5.6	7.2	S.	28	NW.	0	109	135	121	113	91	38	13	1	13	6	3	7	20	50	17	89	0	55

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	1.15	0.75	0.0	4.6	7.7	NE.	27	SW.	0	16	5	10	7	4	0	0	0	8	6	5	5	0	0	0	7	0	1
February	1.30	.56	T	4.0	8.1	N.	25	W.	0	13	10	5	8	7	1	0	0	4	0	0	0	0	0	0	11	0	0
March	2.37	.94	T	5.0	9.4	N.	25	SW.	0	10	13	8	12	8	1	0	0	3	1	0	0	0	0	0	7	0	2
April	2.13	1.14	.0	4.5	8.3	NE.	23	SW.	0	12	12	6	7	5	0	0	0	6	2	1	1	0	0	0	0	0	4
May	.51	.23	.0	2.5	8.6	S.	23	NE.	0	25	3	3	6	3	0	0	0	5	1	0	0	0	11	6	0	0	3
June	9.94	2.06	.0	6.0	7.6	S.	27	NW.	0	8	9	13	18	14	0	0	0	2	1	0	0	0	7	3	0	0	10
July	8.53	2.89	.0	5.9	7.2	S.	24	SW.	0	6	16	9	17	12	0	0	0	4	1	1	1	0	14	4	0	0	19
August	4.95	2.68	.0	4.6	7.1	S.	23	N.	0	14	10	7	13	11	0	0	0	11	4	3	3	0	16	6	0	0	18
September	1.27	.84	.0	3.3	8.2	S.	22	SW.	0	21	6	3	5	5	0	0	0	4	2	1	1	0	11	3	0	0	2
October	.98	.63	.0	4.3	7.9	S.	21	SW.	0	14	13	4	4	3	0	0	0	7	4	4	3	0	4	0	0	0	0
November	.45	.41	.0	3.5	7.5	NE.	27	SW.	0	18	7	5	3	2	0	0	0	12	3	1	1	0	0	0	1	0	0
December	4.89	2.04	.0	4.9	7.5	NE.	24	SW.	0	13	10	8	6	6	0	0	0	15	2	2	2	0	0	0	3	0	1
Year	38.99	2.89	T	4.4	7.9	S.	27	NW.	0	170	114	81	106	80	2	0	0	81	27	18	17	0	63	22	29	0	60

[1] Airport data beginning with June.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

COLUMBUS, OHIO

Airport (ϕ=40°00′ N.; λ=82°53′ W.] City [ϕ=39°58′ N.; λ=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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.26	30.17	29.68	28.67	28.8	27.6	32.7	30.7	27.4	26.5	30.0	28.6	37.1	26.0	31.6	55	6	25	24	25	25	25	84	88	73	78	81
February	29.12	30.03	29.41	28.62	25.3	23.2	30.7	28.6	23.7	21.8	27.0	25.9	34.9	22.4	28.6	57	6	21	19	20	21	20	82	83	64	72	75
March	29.16	30.07	29.53	28.61	28.7	26.5	38.9	35.9	26.6	25.0	33.0	31.7	43.2	26.4	34.8	60	8	23	22	23	25	23	78	83	53	64	70
April	29.19	30.07	29.55	28.72	48.8	48.0	66.2	60.9	45.2	44.8	53.4	51.6	69.6	46.4	58.0	86	31	41	42	42	43	42	76	79	45	55	64
May	29.15	30.02	29.51	28.78	55.9	57.3	72.6	69.2	51.8	52.2	58.1	57.2	77.0	53.4	65.2	93	40	48	48	46	47	47	77	71	44	49	60
June	29.10	29.96	29.39	28.70	64.5	66.5	78.8	75.1	61.5	62.6	66.1	65.8	82.5	63.5	73.0	97	55	60	60	59	61	60	85	81	54	64	71
July	29.10	29.96	29.35	28.73	68.7	69.6	84.9	79.1	65.5	65.7	69.9	68.8	87.8	67.1	77.4	100	53	64	64	62	64	63	85	81	48	60	69
August	29.14	30.00	29.42	28.87	65.6	65.1	81.6	76.6	61.5	61.8	66.7	65.7	84.7	63.1	73.9	94	51	59	60	58	60	59	79	83	47	57	67
September	29.22	30.08	29.53	28.66	62.0	61.1	78.4	71.5	58.0	57.3	65.1	63.0	81.9	59.2	70.6	92	45	55	55	57	58	56	79	80	50	63	68
October	29.23	30.11	29.58	28.70	54.1	51.8	65.8	59.3	51.4	49.7	56.8	54.7	68.2	51.2	59.7	87	34	49	48	50	51	49	84	87	58	74	76
November	29.18	30.07	29.56	28.51	40.2	38.6	50.4	43.7	37.5	36.5	43.3	39.6	53.3	37.0	45.1	70	24	34	34	36	35	35	79	83	58	71	73
December	29.20	30.20	29.65	28.46	35.1	34.4	40.7	37.5	32.9	32.9	37.1	34.9	44.2	32.3	38.2	64	17	30	31	32	31	31	80	85	71	77	78
Year	29.17	30.06	29.68	28.46	48.1	47.5	60.1	55.7	45.2	44.7	50.5	49.0	63.7	45.7	54.7	100	6	42	42	42	43	42	81	82	55	65	71

CONCORD, N. H.

Airport [ϕ=43°12′ N.; λ=71°30′ W.] City [ϕ=43°12′ N.; λ=71°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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.77	30.09	30.29	29.12	14.4	12.8	27.3	19.7	13.7	12.1	24.0	18.4	28.5	12.0	20.2	42	−1	11	9	16	14	13	85	85	61	78	78
February	29.50	29.82	30.07	28.61	19.3	17.6	31.9	26.0	18.0	16.2	27.7	23.4	34.1	16.2	25.2	45	2	14	12	19	17	15	80	78	57	67	70
March	29.53	29.86	30.12	29.04	24.4	24.7	35.5	29.7	22.5	22.3	29.8	26.3	38.5	21.2	29.8	52	0	18	17	19	20	19	76	71	52	65	66
April	29.74	30.06	30.13	29.28	40.5	44.4	63.8	52.7	37.0	39.7	49.2	43.9	65.6	37.1	51.4	92	22	33	34	33	33	33	74	67	33	49	56
May [3]	29.57	29.88	29.88	29.06	45.7	53.4	68.4	59.9	44.0	48.8	54.7	51.7	71.4	39.1	55.2	90	25	43	44	42	44	43	88	72	42	58	65
June	29.62	29.93	29.92	29.28	56.9	62.0	79.6	68.2	54.6	57.2	63.2	60.8	78.5	52.1	65.3	96	35	53	54	55	56	54	87	75	50	67	69
July	29.63	29.94	29.94	29.38	61.9	66.4	80.2	72.4	60.1	62.9	67.0	65.7	82.7	57.0	69.8	96	47	59	61	59	62	60	91	83	52	71	74
August	29.60	29.91	30.05	29.14	55.4	60.9	76.2	67.6	53.8	57.2	62.7	60.2	78.7	48.4	63.6	92	34	52	54	54	55	54	90	80	48	66	71
September	29.75	30.06	30.12	29.26	50.8	52.9	74.0	62.0	48.8	49.7	59.0	55.1	76.6	43.2	59.9	90	20	47	47	47	50	48	88	81	40	65	69
October	29.71	30.03	30.31	29.06	43.4	44.1	57.4	48.3	41.4	41.6	48.9	44.3	59.9	35.7	47.8	81	18	39	39	40	40	39	85	82	55	73	74
November	29.67	29.99	30.24	29.10	36.0	32.0	49.0	40.8	33.8	30.3	41.6	36.9	52.2	27.5	39.8	72	9	30	28	32	31	30	80	84	53	69	71
December	29.69	30.01	30.32	29.01	25.0	24.1	35.6	28.7	23.3	22.5	30.9	26.2	38.2	18.4	28.3	63	−3	19	19	22	21	20	76	80	57	70	71
Year	29.65	29.97	30.32	28.61	39.5	41.3	56.6	48.0	37.6	38.4	46.6	42.7	58.7	34.0	46.4	96	−3	35	35	36	37	36	83	78	50	66	70

CONCORDIA, KANS.

[ϕ=39°35′ N.; λ=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	28.66	30.19	29.17	28.17	27.8	25.9	32.2	32.0	26.9	25.3	29.9	30.0	37.3	22.2	29.8	57	5	25	24	26	27	26	90	92	78	81	85
February	28.63	30.16	29.01	27.62	27.1	25.2	32.4	33.6	25.5	24.1	28.8	30.3	37.9	21.9	29.9	61	6	23	22	23	25	23	83	87	67	72	77
March	28.60	30.12	29.04	27.90	34.7	31.1	41.4	42.9	32.1	29.4	35.6	37.1	47.5	29.5	38.5	73	18	28	27	27	30	28	78	83	58	62	70
April	28.46	29.93	28.87	27.96	51.1	49.2	60.4	60.9	47.5	46.6	51.6	51.7	64.9	46.2	55.6	80	35	44	44	44	43	44	78	83	58	57	69
May	28.48	29.92	28.97	28.06	62.9	59.2	73.8	75.1	58.3	55.9	62.8	63.1	78.5	57.2	67.8	94	44	55	54	56	55	55	77	82	56	53	67
June	28.44	29.88	28.70	28.22	68.8	65.9	78.2	78.8	63.8	62.4	66.2	66.3	83.4	64.0	73.7	103	52	61	60	60	60	60	77	83	55	55	68
July	28.50	29.93	28.76	28.23	75.2	70.7	86.3	88.3	65.9	64.4	69.1	69.3	91.5	68.9	80.2	103	58	61	61	60	59	60	62	72	43	40	54
August	28.50	29.94	28.73	28.20	74.5	69.6	84.7	86.0	67.3	64.9	70.2	70.4	90.2	68.5	79.4	100	61	64	62	63	63	63	70	78	50	48	62
September	28.47	29.91	28.98	28.06	66.7	62.9	75.6	76.0	60.8	59.1	64.5	64.9	80.5	60.1	70.3	94	40	57	56	58	58	58	72	80	56	56	66
October	28.55	30.03	28.90	27.90	53.9	51.3	60.9	59.6	51.2	49.4	54.0	54.6	64.8	48.2	56.5	86	28	49	48	48	51	49	83	87	65	74	77
November	28.56	30.07	28.90	28.13	40.7	37.1	47.2	46.1	38.1	35.4	41.5	42.0	53.5	34.1	43.8	72	15	35	33	35	38	35	80	85	64	73	75
December	28.54	30.05	29.01	27.82	34.4	31.9	39.4	37.7	32.0	30.0	34.6	34.1	44.8	27.4	36.1	65	7	29	27	28	30	28	80	83	66	74	76
Year	28.53	30.01	29.17	27.62	51.5	48.3	59.4	59.8	47.4	45.6	50.7	51.2	64.6	45.7	55.1	103	5	44	43	44	45	44	78	83	60	62	70

CORPUS CHRISTI, TEX.

Airport [ϕ=27°46′ N.; λ=97°26′ W.] City [ϕ=27°49′ N.; λ=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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.10	30.12	30.58	29.58	56.4	54.4	64.4	61.0	54.8	53.3	58.5	57.4	65.7	55.1	60.4	76	38	54	52	54	54	54	90	92	70	80	83
February	30.03	30.05	30.43	29.52	52.8	50.9	60.0	56.1	51.6	50.1	55.0	54.6	62.6	51.6	57.1	75	38	50	49	51	52	50	92	95	74	80	85
March	30.00	30.03	30.41	29.60	56.0	54.2	62.7	61.2	54.5	52.9	57.9	57.7	65.4	54.1	59.8	79	39	53	52	54	55	53	90	91	76	81	85
April	29.86	29.88	30.19	29.54	67.7	66.2	74.6	72.6	66.2	65.2	68.3	67.7	76.9	66.3	71.6	86	58	65	64	64	65	65	93	95	75	80	86
May	29.91	29.93	30.12	29.52	72.2	70.7	80.8	77.6	70.9	70.1	73.9	73.2	83.0	71.9	77.4	89	63	70	70	71	71	71	94	97	73	82	86
June	29.89	29.92	30.10	29.64	77.6	76.6	85.4	82.2	76.3	75.6	78.1	77.4	87.6	77.1	82.4	90	69	76	75	76	76	76	94	96	72	81	85
July	29.94	29.96	30.10	29.74	78.3	76.4	90.0	85.3	77.2	76.0	79.9	78.2	91.6	78.4	85.0	94	75	77	76	76	76	76	95	98	64	73	83
August	29.94	29.96	30.08	29.79	78.6	75.7	91.0	85.7	77.0	75.2	78.9	77.9	91.8	78.8	85.3	95	75	76	75	74	75	75	93	98	59	71	80
September	29.86	29.88	30.10	29.44	79.4	75.8	88.7	83.6	76.5	74.8	78.3	77.4	89.6	77.6	83.6	94	72	75	74	74	75	75	88	96	63	76	81
October	29.94	29.96	30.18	29.70	75.4	72.8	82.9	77.9	73.9	71.9	76.1	74.1	85.4	73.9	79.6	90	56	73	72	74	72	73	93	96	74	84	85
November	30.07	30.09	30.57	29.77	58.7	56.4	69.2	63.8	56.8	54.9	60.6	59.7	71.3	57.1	64.2	82	42	55	54	55	57	55	89	91	63	79	80
December	30.04	30.06	30.49	29.49	56.7	54.5	64.4	60.5	55.0	53.0	58.6	57.3	66.1	53.8	60.0	78	44	54	51	54	54	53	90	90	72	83	84
Year	29.97	29.99	30.58	29.44	67.5	65.4	76.2	72.5	65.9	64.4	68.7	67.7	78.1	66.3	72.2	95	38	65	64	65	65	65	92	95	70	79	84

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Columbus, 822 feet; Concord, 289 feet; Corpus Christi, 20 feet.
[2] Airport data.
[3] All records at airport beginning with May.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

COLUMBUS, OHIO

Airport [H=815 ft.; H_b=833 ft.; H_t=5 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	0.84 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	0.72	6.4	8.5	9.6	W.	34	W.	1	3	3	25	11	8	13	6	0	3	0	0	0	8	0	0	26	0	0
February	.64	.23	3.2	7.7	11.4	W.	37	W.	2	2	8	18	11	5	17	9	0	0	0	0	0	12	0	0	25	0	0
March	.61	.19	.6	6.8	10.4	N.	37	SW.	4	6	8	17	12	6	13	6	0	2	0	0	0	2	0	0	23	0	0
April	2.32	.68	.0	5.5	8.7	S.	41	SW.	4	9	12	9	8	7	0	0	0	0	0	0	0	0	0	0	1	0	3
May	2.47	1.18	.0	5.1	8.9	S.	34	S.	2	12	9	10	9	7	0	0	1	1	1	0	0	0	5	0	0	0	6
June	6.20	2.79	.0	6.1	8.0	S.	39	SW.	1	8	9	13	14	14	0	0	0	0	0	0	0	0	9	2	0	0	8
July	2.65	1.33	.0	5.6	7.7	S.	34	SW.	1	8	11	12	12	10	0	0	0	0	0	0	0	0	12	7	0	0	10
August	2.96	2.17	.0	4.7	7.5	N.	29	S.	0	12	9	10	9	6	0	0	0	0	0	0	0	0	5	0	0	0	4
September	1.82	1.08	.0	4.2	9.1	S.	46	SW.	2	14	10	6	5	5	0	0	0	0	0	0	0	0	2	0	0	0	4
October	4.66	1.06	.0	6.7	9.0	S.	33	SW.	1	6	9	16	14	13	0	0	0	5	4	3	1	0	0	0	0	0	2
November	1.31	.93	.3	6.0	10.8	S.	36	SW.	2	10	6	14	7	6	6	1	0	3	1	1	2	0	0	0	6	0	0
December	1.78	.92	T	8.4	9.9	S.	32	SW.	1	1	8	22	9	5	6	1	0	6	5	3	3	2	0	0	17	0	2
Year	29.47	2.79	10.5	6.3	9.2	S.	46	SW.	21	91	102	172	121	92	55	23	1	20	11	7	6	24	33	9	98	0	39

CONCORD, N. H.

Airport [H=339 ft.; H_b=346 ft.; H_t=5 ft.; H_r=3 ft., H_a=45 ft.] City [H=289 ft.; H_b=289 ft.; H_t=54 ft.; H_r=56 ft.; H_a=72 ft.]

January	2.23	0.91	23.8	6.2	6.1	NW.	22	NW.	0	8	10	13	8	6	14	7	0	5	1	3	0	22	0	0	31	3	0
February	1.87	1.51	1.4	4.8	7.6	NW.	24	E.	0	11	9	8	5	4	8	2	0	5	0	0	0	10	0	0	27	0	0
March	1.44	.51	17.2	5.5	8.0	NW.	23	W.	0	10	8	13	9	6	13	7	0	11	0	0	0	7	0	0	29	1	0
April	.42	.23	.0	4.8	6.5	N.	25	NE.	0	12	10	8	6	4	0	0	0	5	1	1	1	0	1	0	14	0	1
May	2.38	.98	.2	5.5	7.4	NW.	33	NW.	1	10	11	10	10	8	1	1	0	20	3	3	1	0	2	0	8	0	3
June	2.25	1.01	.0	6.1	7.0	NW.	33	NW.	1	5	17	8	9	7	0	0	0	22	2	3	5	0	6	2	0	0	6
July	3.92	1.84	.0	6.5	6.1	NW.	21	NW.	0	4	17	10	10	10	0	0	0	26	6	3	7	0	4	2	0	0	8
August	1.87	.78	.0	4.9	6.8	NW.	28	NW.	0	12	13	6	9	9	0	0	0	25	1	4	3	0	1	0	0	0	2
September	.91	.52	.0	4.2	7.1	NW.	33	NW.	1	16	9	5	4	4	0	0	0	18	8	0	10	0	2	0	5	0	1
October	1.66	.55	T	6.1	7.7	NW.	34	NW.	2	7	11	13	16	8	1	0	0	17	5	3	3	0	0	0	12	0	0
November	3.34	1.91	1.3	5.3	6.8	NW.	28	NW.	0	8	15	7	8	7	4	1	0	14	4	5	1	0	0	0	20	0	0
December	2.66	1.48	7.4	5.9	7.9	NW.	30	NW.	0	6	12	13	9	8	11	4	0	12	5	4	5	9	0	0	30	2	0
Year	24.95	1.91	51.3	5.5	7.1	NW.	34	NW.	5	109	142	114	103	81	52	22	0	180	36	29	36	48	16	4	176	6	21

CONCORDIA, KANS.

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

January	1.15	0.39	5.6	6.7	6.9	NE.	33	N.	1	7	6	18	11	9	8	6	0	17	7	2	1	11	0	0	27	0	0
February	.89	.32	6.8	6.8	7.6	N.	30	N.	0	7	5	16	7	7	10	6	1	5	3	0	2	9	0	0	25	0	1
March	1.04	.53	10.8	5.6	9.3	N.	26	NW.	0	9	11	11	5	4	9	4	0	5	1	0	0	2	0	0	21	0	0
April	1.27	.54	.0	6.8	9.8	S.	29	S.	0	6	7	17	9	7	0	0	0	6	0	0	0	0	0	0	0	0	2
May	1.81	.41	.0	6.0	8.2	S.	27	N.	0	5	14	12	11	9	0	0	0	4	2	1	2	0	2	0	0	0	9
June	6.50	2.31	.0	5.5	8.3	S.	28	NW.	0	11	8	11	14	10	0	0	2	1	0	0	0	0	8	2	0	0	9
July	1.78	.82	.0	5.0	6.7	S.	22	NE.	0	11	13	7	5	3	0	0	0	0	0	0	0	0	19	11	0	0	7
August	2.88	2.47	.0	4.3	6.9	S.	26	NE.	0	10	19	2	9	5	0	0	1	1	0	1	0	0	17	9	0	0	10
September	4.45	1.63	.0	5.0	9.6	S.	24	SW.	0	9	12	9	9	8	0	0	0	1	0	0	0	0	3	0	0	0	8
October	5.87	1.97	3.8	7.1	7.4	S.	32	NW.	1	6	6	19	15	12	1	1	1	7	3	3	1	0	0	0	3	0	9
November	.83	.51	4.0	4.6	7.9	SW.	26	S.	0	14	7	9	6	3	2	2	0	0	2	1	1	1	0	0	14	0	2
December	1.97	.95	7.8	5.7	9.2	S.	27	NW.	0	9	10	12	7	6	9	4	1	6	3	2	2	6	0	0	19	0	1
Year	30.44	2.47	38.8	5.8	8.1	S.	33	N.	2	104	118	143	108	83	39	23	6	53	21	10	9	29	49	22	109	0	58

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=19 ft.; H_b=20 ft.; H_t=12 ft.; H_r=63 ft.; H_a=78 ft.]

January	1.06	0.56	0.0	7.4	9.7	S.	30	NE.	0	5	6	20	7	3	0	0	0	6	3	1	2	0	0	0	0	0	3
February	4.80	3.30	.0	6.8	10.4	N.	37	S.	2	5	7	16	8	7	0	0	0	2	1	0	0	0	0	0	0	0	1
March	1.99	1.28	.0	7.8	11.1	N.	36	E.	1	5	5	21	11	7	0	0	0	6	1	1	1	0	0	0	0	0	3
April	7.40	3.75	.0	7.1	13.6	SE.	35	E.	5	6	5	19	8	7	0	0	0	3	2	0	1	0	0	0	0	0	4
May	10.44	5.57	.0	6.0	11.5	SE.	54	NE.	1	6	12	13	8	8	0	0	0	0	0	0	0	0	0	0	0	0	5
June	4.54	1.79	.0	7.2	12.3	S.	33	S.	1	1	16	13	12	8	0	0	0	0	0	0	0	0	1	0	0	0	6
July	2.25	2.05	.0	3.5	10.7	S.	24	NE	0	22	5	4	4	4	0	0	0	0	0	0	0	0	27	0	0	0	4
August	.51	.35	.0	3.2	10.5	S.	24	S.	0	20	6	5	4	3	0	0	0	2	0	0	0	0	28	1	0	0	2
September	.90	.38	.0	5.3	11.5	S.	24	S.	0	11	9	10	9	5	0	0	0	0	1	0	0	0	15	0	0	0	5
October	4.56	1.08	.0	6.6	10.4	SE.	27	S.	0	4	12	15	18	13	0	0	0	0	0	1	0	0	1	0	0	0	6
November	.79	.69	.0	5.0	9.4	N.	27	N.	0	12	7	11	4	2	0	0	0	1	1	0	0	0	0	0	0	0	2
December	2.89	1.42	.0	7.4	8.7	N.	26	N.	0	6	6	19	14	10	0	0	0	9	2	4	4	0	0	0	0	0	1
Year	42.13	5.57	.0	6.1	10.8	S.	37	S.	10	103	96	166	107	77	0	0	0	29	11	7	8	0	72	1	0	0	42

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

DALLAS, TEX.

Airport [ϕ=32°51′ N.; λ=96°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)	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	29.60	30.16	30.06	28.95	44.8	41.0	52.4	51.9	42.3	39.3	46.5	46.9	57.8	38.6	48.2	71	26	39	37	40	42	40	81	86	65	69	75
February	29.53	30.09	29.90	28.84	44.0	40.0	49.6	50.3	40.7	37.9	43.8	44.4	54.9	38.1	46.5	78	25	37	35	37	38	37	77	83	65	66	73
March	29.51	30.06	29.98	29.02	47.8	43.5	56.6	57.5	44.1	41.2	48.4	48.6	62.2	41.9	52.0	80	31	43	38	40	39	40	74	82	55	54	66
April	29.39	29.93	29.76	29.00	61.9	58.3	69.7	70.2	57.9	56.0	60.9	61.3	74.7	57.0	65.8	85	41	55	54	55	55	55	79	86	61	62	72
May	29.41	29.95	29.68	29.06	69.7	67.2	81.0	80.0	65.7	65.1	69.9	69.3	85.2	65.6	75.4	92	55	64	64	64	64	64	82	89	58	60	72
June	29.40	29.93	29.59	29.18	73.1	70.8	83.0	82.5	70.0	68.8	72.5	72.4	87.6	68.3	78.0	95	62	69	68	68	68	68	86	90	61	63	75
July	29.41	29.94	29.56	29.23	79.2	76.0	89.8	89.9	73.3	72.6	75.8	75.1	94.4	74.5	84.4	100	68	71	71	70	69	70	76	85	53	52	67
August	29.42	29.95	29.60	29.25	79.1	75.7	89.4	89.0	72.8	72.5	76.0	75.3	94.4	74.3	84.4	101	69	70	71	70	69	70	75	86	55	54	68
September	29.41	29.94	29.67	29.06	75.3	70.9	85.2	85.2	69.4	67.9	72.4	71.8	90.3	69.5	79.9	98	55	66	66	66	65	66	75	86	55	53	67
October	29.46	30.00	29.78	29.12	68.4	65.5	75.7	73.0	64.9	63.6	67.4	66.4	79.3	63.3	71.3	92	38	63	62	63	63	63	83	90	66	71	78
November	29.57	30.12	30.02	29.24	49.6	45.5	62.6	58.4	45.9	43.3	52.8	51.2	67.5	43.0	55.2	82	24	42	41	44	45	43	76	84	52	61	68
December	29.37	30.09	30.03	28.97	47.0	42.7	54.7	53.2	43.9	41.0	47.9	47.3	59.6	40.2	49.9	77	26	40	39	40	41	40	78	87	61	65	73
Year	29.46	30.01	30.06	28.84	61.7	58.1	70.8	70.1	57.6	55.8	61.2	60.8	75.7	56.2	65.9	101	24	55	54	55	55	55	78	86	59	61	71

DAVENPORT, IOWA

Airport [ϕ=41°27′ N.; λ=90°31′ W.] City [ϕ=41°30′ N.; λ=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.	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 2)	(2)	(1 2)	(1 2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)						(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
January	29.50	30.20	29.91	28.89	25.4	23.1	28.3	27.5	24.4	22.4	26.5	26.1	32.5	21.5	27.0	51	2	22	21	23	23	22	88	90	79	83	85
February	29.43	30.13	29.83	28.79	20.6	17.8	26.7	26.0	19.4	16.8	24.2	23.9	31.4	16.1	23.8	51	−5	16	14	18	19	17	84	85	69	74	78
March	29.42	30.11	29.86	28.66	29.9	27.9	37.3	36.6	28.2	26.7	32.7	32.8	42.5	26.7	34.6	60	4	25	24	26	27	26	82	86	62	68	74
April	29.36	30.02	29.77	28.78	50.0	46.9	60.3	60.3	46.9	44.4	51.7	52.4	64.7	46.8	55.8	82	34	44	42	44	46	44	81	84	60	62	72
May	29.33	29.99	29.75	28.92	60.4	59.2	73.3	72.9	55.7	55.3	61.5	61.1	77.4	56.9	67.2	91	43	52	52	53	53	53	76	79	52	52	64
June	29.28	29.93	29.52	28.95	65.7	66.0	78.6	76.2	62.2	62.1	67.4	66.4	82.0	63.7	72.8	96	50	60	60	61	61	61	83	82	57	63	71
July	29.31	29.96	29.59	28.97	69.2	68.4	82.3	82.4	65.4	64.7	69.6	70.4	86.9	66.5	76.7	101	56	64	63	63	65	64	82	82	54	56	69
August	29.34	29.99	29.62	28.98	69.2	66.4	82.4	80.8	64.7	63.0	68.8	69.4	87.1	65.8	76.4	100	55	62	61	62	64	62	79	84	51	58	68
September	29.35	30.01	29.81	28.80	63.2	59.1	75.7	70.8	59.6	57.1	63.7	63.2	79.2	59.3	69.2	92	42	58	56	56	59	57	83	89	53	67	73
October	29.39	30.06	29.75	28.68	52.4	49.7	61.3	57.6	50.6	48.5	54.6	54.1	65.4	48.6	57.0	78	27	49	48	49	51	49	89	93	67	80	82
November	29.36	30.03	29.76	28.60	39.3	36.8	47.0	42.9	37.1	35.4	41.9	39.9	50.0	35.3	42.6	73	16	34	34	37	36	35	83	88	68	78	79
December	29.38	30.06	29.90	28.66	33.0	31.4	37.7	35.3	31.7	30.3	34.5	33.3	41.6	28.5	35.0	58	8	30	28	30	30	30	87	88	73	82	83
Year	29.37	30.04	29.91	28.60	48.2	46.1	57.6	55.8	45.5	43.9	49.8	49.4	61.7	44.6	53.2	101	−5	43	42	44	44	43	83	86	62	69	75

DAYTON, OHIO

Airport [ϕ=39°54′ N.; λ=84°12′ W.] City [ϕ=39°46′ N.; λ=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.	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 2)	(2)	(1 2)	(1 2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)						(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
January	29.19	30.18	29.59	28.57	27.8	26.5	32.4	30.2	26.7	25.6	30.2	28.5	36.4	24.6	30.5	54	5	25	24	27	26	25	88	91	79	83	85
February	29.06	30.06	29.36	28.56	25.1	22.6	30.6	28.4	23.7	21.6	27.5	26.1	34.6	21.8	28.2	58	5	21	20	22	22	21	84	88	70	76	79
March	29.09	30.08	29.49	28.52	29.3	27.1	40.4	35.5	27.2	25.5	34.7	31.8	43.6	26.5	35.0	62	8	24	22	26	26	25	78	82	58	66	71
April	29.11	30.08	29.49	28.66	50.5	49.2	65.2	59.4	46.3	45.5	43.8	43.6	67.8	46.8	57.3	84	32	42	42	44	44	43	73	78	50	58	65
May	29.08	30.03	29.42	28.72	58.0	58.3	73.8	69.3	52.0	52.8	58.8	57.3	76.6	54.0	65.3	91	41	47	48	48	48	48	67	70	42	49	57
June	29.03	29.97	29.32	28.65	66.1	67.3	78.3	74.6	62.0	62.8	66.1	65.4	81.1	62.8	72.0	94	52	60	60	60	60	60	80	79	56	64	70
July	29.03	29.97	29.26	28.70	69.5	70.1	84.6	78.1	64.7	65.2	69.8	68.6	86.6	66.7	76.6	98	53	62	62	63	64	63	78	77	49	63	67
August	29.06	30.01	29.34	28.81	67.1	66.8	81.6	76.9	61.9	62.1	67.2	65.1	83.9	63.7	73.8	95	54	59	59	59	58	59	75	77	49	55	64
September	29.14	30.09	29.47	28.47	63.3	61.7	78.5	71.4	58.6	58.0	65.1	62.1	80.9	59.4	70.2	91	44	55	56	57	57	56	76	80	49	62	67
October	29.14	30.11	29.51	28.62	55.0	52.8	64.5	59.3	51.8	50.7	57.0	54.7	67.4	51.4	59.4	84	30	59	49	51	51	50	81	86	64	75	76
November	29.10	30.08	29.49	28.43	40.8	38.2	48.7	43.2	38.3	36.4	42.7	39.7	52.5	37.4	45.0	70	22	35	34	36	36	35	81	85	62	75	76
December	29.11	30.10	29.55	28.42	35.0	33.9	39.7	37.1	33.2	32.5	36.7	34.9	44.3	32.3	38.3	66	14	30	31	32	32	31	83	88	76	80	82
Year	29.10	30.06	29.59	28.42	49.0	47.9	59.9	55.3	45.5	44.9	50.0	48.2	63.0	45.6	54.3	98	5	43	42	44	44	43	79	82	59	67	72

DEL RIO, TEX.

[ϕ=29°20′ N.; λ=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.	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	30.10	29.58	28.60	51.8	48.1	58.0	61.7	47.2	45.5	51.0	52.1	64.6	46.3	55.4	79	33	42	42	44	42	43	72	81	63	54	68
February	29.02	30.02	29.41	28.52	52.0	48.7	56.1	61.7	48.7	46.5	50.0	52.5	63.7	46.8	55.2	76	32	46	44	44	44	45	80	85	67	57	72
March	29.00	30.00	29.50	28.70	54.1	50.1	59.9	64.7	49.0	47.1	51.5	53.1	67.4	47.7	57.6	86	37	44	44	44	42	43	70	80	58	49	64
April	28.86	29.83	29.26	28.52	67.1	62.8	73.6	77.2	59.9	58.1	61.9	62.5	79.6	61.0	70.3	93	48	54	54	53	52	53	66	76	54	46	60
May	28.89	29.85	29.14	28.60	72.6	68.9	79.2	83.0	67.1	66.1	68.9	68.8	84.9	67.5	76.2	92	54	64	64	64	62	64	76	87	60	50	68
June	28.88	29.84	29.11	28.66	78.6	74.9	84.5	87.7	71.9	71.6	72.7	72.2	90.4	73.3	81.8	97	65	69	70	67	65	68	73	85	58	48	66
July	28.92	29.88	29.10	28.70	81.8	76.0	87.8	92.2	72.5	72.0	74.2	72.7	94.8	75.1	85.0	99	68	68	70	71	63	68	65	83	54	40	60
August	28.93	29.88	29.11	28.72	82.2	76.2	89.1	92.5	70.5	71.7	73.9	71.6	95.6	75.1	85.4	101	69	65	70	67	61	66	58	81	50	38	56
September	28.89	29.85	29.16	28.65	78.9	74.0	84.1	86.2	70.9	70.0	72.6	71.8	88.9	72.6	80.8	99	67	67	68	68	65	67	70	83	59	52	66
October	28.95	29.92	29.23	28.64	72.2	69.1	76.7	78.6	67.8	67.0	69.3	68.4	81.8	66.7	74.2	91	47	66	66	66	63	65	80	90	69	61	75
November	29.07	30.06	29.58	28.80	56.1	52.2	63.8	65.5	51.4	49.4	55.4	55.8	69.0	49.8	59.4	81	36	47	47	49	48	48	73	83	60	56	68
December	29.04	30.04	29.57	28.46	51.0	47.0	57.2	60.3	47.4	44.7	50.7	52.4	63.8	44.3	54.0	76	33	43	42	44	45	44	78	83	66	60	72
Year	28.96	29.94	29.58	28.46	66.5	62.3	72.5	75.9	60.4	59.1	62.7	62.8	78.7	60.5	69.6	101	32	56	57	57	54	56	72	83	60	51	66

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Dallas, 512 feet; Davenport, 606 feet; Dayton, 900 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

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: 0.84 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	0.55	0.19	T	6.6	10.2	N.	38	S.	1	9	3	19	7	5	1	0	0	8	0	0	0	0	0	0	7	0	0
February	3.15	.97	0.0	7.2	10.4	N.	45	S.	2	5	7	16	10	7	0	0	0	11	0	0	0	0	0	0	4	0	1
March	2.36	.73	T	6.5	12.4	N.	35	S.	5	9	6	16	10	9	3	0	0	8	0	0	0	0	0	0	2	0	4
April	4.28	1.95	.0	7.2	12.6	S.	40	SE.	5	5	8	17	17	11	0	0	0	9	1	1	1	0	0	0	0	0	8
May	2.12	1.17	.0	6.6	10.6	SE.	34	S.	2	7	5	19	9	6	0	0	0	4	0	0	0	0	4	0	0	0	5
June	12.18	2.76	.0	6.2	10.1	S.	40	S.	2	5	13	12	14	11	0	0	0	3	0	0	0	0	9	0	0	0	10
July	.76	.39	.0	3.9	8.1	S.	38	SW.	1	16	12	3	7	4	0	0	0	1	0	0	0	0	29	20	0	0	7
August	5.54	1.57	.0	4.7	8.4	S.	30	SE.	0	12	12	7	12	9	0	0	1	1	0	0	0	0	26	16	0	0	11
September	1.22	1.12	.0	4.5	10.6	SE.	34	SE.	2	14	8	8	3	3	0	0	1	0	0	0	0	0	21	5	0	0	2
October	4.57	1.32	.0	7.5	10.7	SE.	30	S.	0	1	12	18	12	9	0	0	0	3	0	0	0	0	1	0	0	0	5
November	.67	.48	.0	4.7	9.4	SE.	31	S.	0	13	9	8	4	3	0	0	0	3	0	0	0	0	0	0	3	0	2
December	1.97	1.08	.0	6.7	9.0	SE.	32	SW.	1	7	9	15	9	7	0	0	0	11	5	5	4	0	0	0	4	0	3
Year	39.37	2.76	T	6.0	10.2	SE.	45	S.	21	103	104	158	114	84	4	0	2	62	6	6	5	0	90	41	20	0	58

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=66 ft.; H_r=60 ft.; H_a=161 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: 0.84 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	2.78	0.92	14.3	7.4	10.4	NW.	32	NW.	1	6	6	19	13	10	15	7	0	11	3	1	0	15	0	0	29	0	0
February	.45	.23	4.3	5.8	9.6	NW.	24	NW.	0	8	7	13	7	6	13	5	0	7	0	0	0	17	0	0	27	2	0
March	1.40	.63	8.6	6.0	9.8	N.	32	NW.	1	9	7	15	9	5	10	6	1	15	3	0	0	2	0	0	21	0	2
April	4.49	1.64	T	6.5	9.7	SE.	32	W.	1	7	7	16	13	11	2	0	0	13	0	0	0	0	0	0	0	0	4
May	2.55	.64	.0	5.2	9.3	SW.	27	NW.	0	7	17	7	11	9	0	0	0	3	0	0	0	0	2	0	0	0	7
June	7.08	2.23	.0	6.1	8.6	SW.	38	NW.	2	8	10	12	16	12	0	0	1	8	1	1	1	0	7	3	0	0	7
July	1.54	.70	.0	4.8	8.0	SW.	31	NW.	0	10	17	4	8	7	0	0	0	3	0	0	0	0	12	4	0	0	11
August	.69	.51	.0	5.1	8.1	SE.	21	NW.	0	8	18	5	7	3	0	0	0	0	0	0	0	0	13	4	0	0	3
September	5.19	1.26	.0	5.2	9.7	SW.	38	NE.	2	12	5	13	14	14	0	0	0	12	1	0	0	0	1	0	0	0	3
October	8.10	1.35	.0	7.0	8.3	SE.	30	SW.	0	6	7	18	16	15	0	0	0	20	3	2	1	0	0	0	2	0	7
November	1.36	.61	1.6	6.4	10.2	W.	27	W.	0	9	4	17	5	3	8	1	0	10	1	1	0	2	0	0	11	0	1
December	1.31	.52	6.1	7.3	9.5	NW.	31	NW.	0	5	4	22	9	6	9	5	0	11	7	5	4	9	0	0	20	0	0
Year	36.94	2.28	34.9	6.1	9.3	SW.	38	NW.	7	95	109	161	128	101	57	24	2	113	19	10	6	45	35	11	110	2	45

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=893 ft.; H_t=186 ft.; H_r=179 ft.; H_a=213 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: 0.84 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	1.72	0.52	5.5	8.2	10.0	W.	32	S.	1	3	6	22	12	9	10	3	0	8	3	3	3	9	0	0	26	0	0
February	.70	.43	2.1	7.2	11.3	W.	39	W.	1	4	9	15	10	6	19	7	0	1	0	0	0	12	0	0	26	0	0
March	.66	.36	T	6.2	10.8	N.	37	W.	3	10	5	16	7	4	11	1	0	2	1	1	0	2	0	0	26	0	0
April	1.63	.61	.0	5.8	9.6	SW.	41	SW.	4	9	9	12	9	5	0	0	1	3	0	0	0	0	0	0	0	0	4
May	2.77	1.21	.0	4.7	9.4	SW.	31	SW.	0	10	13	8	7	5	0	0	0	0	0	0	0	0	2	0	0	0	2
June	6.27	1.95	.0	6.2	8.4	SW.	33	W.	1	7	10	13	14	12	0	0	0	4	1	1	1	0	5	0	0	0	11
July	1.61	.95	.0	4.9	7.6	SW.	34	SW.	2	11	11	9	8	5	0	0	0	2	0	0	0	0	10	6	0	0	7
August	4.53	1.76	.0	4.3	7.6	NE.	28	W.	0	12	15	4	6	6	0	0	0	4	0	0	0	0	6	1	0	0	8
September	1.74	.85	.0	4.3	9.6	SW.	53	SW.	2	15	7	8	7	4	0	0	0	1	0	0	0	0	1	0	0	0	6
October	6.35	1.58	.0	6.6	9.5	SW.	33	SW.	2	6	10	15	15	13	0	0	0	11	2	2	1	0	0	0	1	0	1
November	1.61	.73	T	5.5	11.4	SW.	34	SW.	1	11	5	14	10	6	6	1	0	10	2	1	0	0	0	0	8	0	0
December	3.31	2.65	T	7.6	10.8	SW.	33	W.	2	4	8	19	7	5	7	2	0	11	1	1	1	5	0	0	17	0	1
Year	32.90	2.65	7.6	6.0	9.6	SW.	53	SW.	19	102	108	155	112	80	53	14	1	57	10	9	6	28	24	7	104	0	40

DEL RIO, TEX.

[H=957 ft.; H_b=960 ft.; H_t=63 ft.; H_r=56 ft.; H_a=71 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: 0.84 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	0.61	0.64	0.0	6.1	7.8	SE.	31	W.	0	9	7	15	7	5	0	0	0	4	1	0	1	0	0	0	0	0	0
February	1.13	.26	1.6	6.6	8.8	SE.	24	NW.	0	6	9	13	8	5	2	2	0	4	2	1	1	0	0	0	0	0	0
March	1.89	.89	.0	7.3	9.1	SE.	24	NW.	0	3	11	17	7	5	0	0	0	3	0	0	0	0	0	0	0	0	3
April	1.81	1.05	.0	6.0	11.0	E.	29	E.	0	8	6	16	6	4	0	0	0	0	0	0	0	0	2	0	0	0	6
May	1.21	.74	.0	6.5	10.7	SE.	31	SE.	0	5	8	18	4	2	0	0	0	0	0	0	0	0	4	0	0	0	6
June	.80	.27	.0	7.3	10.5	SE.	28	NE.	0	1	16	13	5	5	0	0	0	0	0	0	0	0	19	2	0	0	5
July	3.35	2.48	.0	5.3	9.3	SE.	30	W.	0	7	18	6	5	5	0	0	0	0	0	0	0	0	30	20	0	0	6
August	.95	.43	.0	4.9	9.3	E.	31	NE.	0	12	14	5	6	5	0	0	0	0	0	0	0	0	29	21	0	0	9
September	4.90	2.48	.0	6.1	9.4	SE.	22	N.	0	6	13	11	7	4	0	0	0	0	0	0	0	0	13	4	0	0	2
October	7.21	5.42	.0	7.4	9.7	SE.	24	E.	0	1	14	16	8	5	0	0	0	0	1	0	1	0	3	0	0	0	2
November	.22	.14	.0	5.7	7.0	SE.	22	NW.	0	9	10	11	5	3	0	0	0	1	1	1	1	0	0	0	0	0	0
December	.25	.16	.0	6.2	7.2	SE.	30	W.	0	5	12	14	8	1	0	0	0	10	8	6	3	0	0	0	0	0	0
Year	24.33	5.42	1.6	6.3	9.2	SE.	31	W.	0	72	138	155	76	49	2	2	0	22	13	8	7	0	100	47	0	0	39

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

DENVER, COLO.

Airport [ϕ=39°46′ N.; λ=104°53′ W.] City [ϕ=39°45′ N.; λ=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 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	30.12	25.19	24.33	26.9	24.1	37.4	36.3	23.4	21.2	30.0	29.6	44.5	24.1	34.3	61	14	17	15	18	19	17	65	69	48	50	58
February	24.69	30.03	24.98	23.99	30.8	28.2	40.4	40.5	27.7	25.6	33.0	33.8	46.6	27.9	37.2	69	20	23	21	22	24	23	73	74	51	57	64
March	24.69	30.02	25.03	24.29	33.2	28.8	40.0	42.8	29.7	26.2	33.0	34.6	46.8	27.7	37.2	73	9	25	22	23	24	24	74	77	57	53	65
April	24.61	29.85	24.93	24.15	41.5	37.4	51.2	51.6	37.1	34.6	41.7	42.1	56.6	37.1	46.8	70	26	32	31	31	32	32	71	79	49	51	63
May	24.70	29.86	25.19	24.26	53.7	48.9	66.0	67.3	47.3	44.4	50.9	51.9	72.4	49.7	61.0	89	38	42	40	38	39	40	67	74	41	42	56
June	24.73	29.87	25.03	24.46	58.4	53.4	71.4	71.3	52.4	48.7	54.4	55.4	76.0	55.1	65.6	92	45	48	45	41	43	44	70	75	39	43	57
July	24.84	29.95	24.99	24.62	65.3	59.8	80.2	79.3	56.8	54.1	60.4	59.7	84.2	61.6	72.9	93	48	52	50	48	47	49	63	72	35	36	52
August	24.83	29.95	24.99	24.60	65.8	59.0	78.6	76.5	57.2	54.4	60.6	59.9	82.7	60.7	71.7	93	54	52	51	50	50	51	64	77	39	43	56
September	24.70	29.86	25.04	24.39	55.4	50.7	68.1	68.7	48.0	44.4	51.0	52.5	73.7	49.7	61.7	89	35	42	39	37	40	39	64	67	37	40	52
October	24.76	30.00	25.17	24.37	45.2	41.1	54.3	54.0	41.1	38.7	44.8	44.7	59.5	40.7	50.1	77	25	37	36	35	36	36	76	83	55	55	67
November	24.76	30.06	25.01	24.19	35.8	34.3	49.8	45.9	30.5	29.2	37.9	36.3	56.1	32.5	44.3	77	10	23	22	23	24	23	60	60	38	44	51
December	24.65	30.00	24.98	24.15	28.9	27.0	39.8	34.9	23.9	22.4	30.7	27.5	46.3	23.7	35.0	70	−5	16	14	17	16	16	60	63	46	51	55
Year	24.72	29.96	25.19	23.99	45.1	41.1	56.4	55.8	39.6	37.0	44.0	44.0	62.1	40.9	51.5	93	−5	34	32	32	33	33	67	72	45	47	58

DES MOINES, IOWA

Airport [ϕ=41°31′ N.; λ=93°38′ W.] City [ϕ=41°35′ N.; λ=93°37′.]

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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.22	30.19	29.70	28.69	23.2	21.3	26.6	26.9	22.4	20.5	24.9	25.3	32.6	18.5	25.6	50	0	21	18	21	22	21	88	87	80	82	84
February	29.18	30.14	29.61	28.45	22.0	19.0	25.4	25.9	20.4	17.9	23.1	23.5	32.0	16.4	24.2	49	0	16	15	18	18	17	77	82	70	70	75
March	29.15	30.10	29.53	28.40	31.6	28.1	37.8	37.8	29.5	26.8	33.3	33.7	44.7	27.5	36.1	66	8	26	24	27	28	26	79	85	64	67	74
April	29.04	29.97	29.48	28.39	50.3	46.5	60.2	60.6	46.3	43.6	51.2	51.2	65.8	45.3	55.6	82	35	42	41	43	42	42	76	81	57	55	67
May	29.03	29.94	29.50	28.57	61.6	58.3	73.9	72.5	55.7	54.3	61.2	60.8	78.9	56.7	67.8	91	43	51	51	52	52	52	70	77	48	52	62
June	28.98	29.89	29.25	28.65	66.2	64.2	75.6	75.5	62.5	61.3	65.6	65.9	80.5	62.8	71.6	96	52	60	59	60	61	60	83	85	62	63	73
July	29.03	29.94	29.33	28.70	70.6	67.5	82.3	83.1	65.7	63.5	68.2	69.0	88.0	66.3	77.2	104	54	63	61	61	62	62	78	81	49	50	64
August	29.05	29.96	29.30	28.68	71.5	66.9	82.6	82.5	64.9	63.1	68.3	68.2	88.1	66.7	77.4	100	53	61	61	61	61	61	71	82	49	49	63
September	29.03	29.95	29.52	28.66	62.8	59.1	71.9	71.1	58.5	56.2	62.2	62.8	76.9	57.4	67.2	88	38	56	54	56	58	56	79	84	59	64	72
October	29.09	30.02	29.48	28.41	52.2	49.2	60.6	58.2	49.8	47.4	54.4	52.6	65.1	46.6	55.8	80	26	47	46	47	48	47	84	88	64	69	76
November	29.06	30.02	29.39	28.57	38.1	35.4	45.6	43.1	35.8	33.7	40.1	39.0	50.8	33.1	42.0	76	16	33	31	34	34	33	81	84	64	71	75
December	29.09	30.03	29.63	28.46	31.4	29.6	36.2	34.7	29.7	28.3	33.0	32.0	40.7	26.0	33.4	62	5	27	26	28	28	27	84	86	74	77	80
Year	29.08	30.01	29.70	28.39	48.5	45.4	56.6	56.0	45.1	43.0	48.7	48.7	62.0	43.6	52.8	104	0	42	41	42	43	42	79	84	62	64	72

DETROIT, MICH.

Airport [ϕ=42°24′ N.; λ=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.	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	29.35	30.18	29.80	28.71	25.8	24.9	28.7	27.5	24.3	23.5	26.3	25.7	31.6	20.9	26.2	47	10	21	20	22	22	21	81	82	73	78	79
February	29.18	30.00	29.58	28.47	24.1	22.8	28.8	25.9	22.3	21.3	25.3	23.6	31.8	18.8	25.3	50	7	18	18	18	19	18	77	80	62	72	72
March	29.26	30.08	29.62	28.59	26.7	25.5	35.7	32.2	24.5	23.8	30.7	28.6	38.1	22.8	30.4	50	8	20	20	22	22	21	74	78	56	65	68
April	29.31	30.10	29.66	28.74	46.5	45.8	60.1	56.6	42.0	41.8	49.3	47.5	64.1	41.1	52.6	87	26	37	37	38	38	38	71	73	48	52	61
May	29.23	30.01	29.61	28.79	57.2	57.6	70.0	66.3	50.6	51.1	56.1	54.8	73.5	51.2	62.4	92	35	45	45	44	45	45	64	65	42	49	55
June	29.20	29.97	29.47	28.88	63.8	65.3	77.2	73.6	58.9	59.8	64.1	62.8	80.3	59.6	70.0	95	43	56	56	56	56	56	75	74	51	57	64
July	29.20	29.96	29.47	28.76	68.9	69.2	81.2	79.0	62.8	63.0	67.2	66.6	85.4	63.3	74.4	100	51	59	59	59	59	59	72	71	50	53	62
August	29.23	30.01	29.56	28.77	66.0	65.2	77.9	75.2	61.1	60.5	64.0	64.0	78.1	60.7	71.0	97	49	58	58	56	57	57	76	77	48	56	54
September	29.30	30.08	29.69	28.49	63.1	60.8	74.6	68.9	58.1	56.6	61.6	60.0	7.81	57.0	67.6	91	41	55	54	53	54	54	74	78	49	60	65
October	29.30	30.09	29.74	28.70	52.7	50.6	61.5	57.1	49.7	48.7	54.1	51.8	63.8	46.7	55.2	84	32	47	47	48	47	47	82	88	62	70	75
November	29.19	30.00	29.68	28.44	40.8	38.9	46.6	43.4	38.1	37.0	41.2	39.4	49.7	36.3	43.0	69	24	35	34	35	35	35	78	82	66	72	74
December	29.26	30.06	29.75	28.48	35.1	33.5	37.9	36.4	32.7	31.4	34.9	33.9	40.7	30.4	35.6	64	17	29	28	30	30	29	77	78	74	76	76
Year	29.25	30.04	29.80	28.44	47.6	46.7	56.7	53.5	43.8	43.2	47.9	46.6	59.9	42.4	51.1	100	7	40	40	40	40	40	75	77	57	63	68

DEVILS LAKE, N. DAK.

[ϕ=48°07′ N.; λ=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 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	28.55	30.23	28.90	28.21	6.5	4.9	9.3	8.2	6.5	4.9	8.8	7.7	15.4	−1.6	6.9	39	−26	6	4	7	6	6	97	97	91	91	94
February	28.53	30.21	28.97	27.99	4.7	4.2	10.2	9.6	4.5	4.0	9.5	9.2	14.9	−1.5	6.7	34	−30	3	3	6	8	5	94	95	85	90	91
March	28.52	30.16	28.97	27.91	18.7	14.9	25.0	25.3	18.3	14.8	23.2	24.0	29.0	11.2	20.1	47	−14	18	14	20	22	18	94	96	80	85	89
April	28.40	29.99	28.84	28.03	39.9	37.2	45.6	48.2	38.5	36.3	41.4	42.5	51.3	34.8	43.0	79	15	37	35	36	36	36	90	93	71	68	80
May	28.32	29.88	28.85	27.80	52.4	49.2	61.5	62.1	49.0	46.7	52.9	53.1	66.8	46.8	56.8	89	30	46	44	46	45	45	81	84	62	60	72
June	28.36	29.91	28.76	27.94	59.9	58.2	70.5	70.5	57.6	56.0	60.8	61.4	74.2	54.5	64.4	94	39	56	55	55	56	55	88	88	50	63	75
July	28.39	29.93	28.70	28.11	64.1	60.9	78.1	78.7	60.4	58.5	65.0	65.4	83.2	58.1	70.6	99	40	56	57	58	58	58	82	88	51	52	68
August	28.42	29.97	28.71	28.10	60.4	57.0	74.4	73.1	57.4	55.4	62.5	61.8	78.9	54.7	66.8	95	40	55	54	55	55	55	84	90	53	55	71
September	28.31	29.88	28.78	27.92	50.6	48.0	60.3	58.1	48.2	46.8	53.0	52.3	64.1	45.0	54.6	90	28	46	46	47	48	47	85	88	64	71	77
October	28.42	30.01	28.84	27.94	40.1	36.5	50.0	46.6	38.1	35.4	43.3	41.9	54.5	33.5	44.0	69	11	36	34	36	36	35	84	91	60	69	76
November	28.36	29.99	28.75	27.94	26.1	24.9	32.0	29.1	25.1	24.1	29.1	27.5	35.1	20.7	27.9	55	−1	24	23	24	25	24	90	91	73	85	85
December	28.38	30.01	28.95	27.65	18.7	16.8	23.1	21.5	17.9	16.1	21.1	20.1	27.8	11.5	19.6	56	−12	16	15	17	18	16	92	92	76	86	86
Year	28.41	30.01	28.97	27.65	36.8	34.4	45.0	44.2	35.1	33.2	39.2	38.9	49.6	30.6	40.1	99	−30	33	32	34	34	33	88	91	69	73	80

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Dallas, 860 feet; Denver, 5,292 feet; Detroit, 730 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

DENVER, COLO.

Airport [H=5,299 ft.; H_b=5,332 ft.; H_t=47 ft.; H_r=42 ft.; H_a=59 ft.] City [H=5,221 ft.; H_b=5,292 ft.; H_t=106 ft.; H_r=98 ft.; H_a=113 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	0.54 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	0.71	0.38	7.7	4.7	6.4	S.	22	NE.	0	12	10	9	3	3	6	3	0	3	2	1	1	3	0	0	28	0	0
February	.15	.12	2.5	4.5	6.7	S.	22	NE.	0	14	7	7	5	2	4	3	0	5	0	0	0	1	0	0	24	0	0
March	1.01	.21	10.0	6.5	7.5	N.	36	N.	1	10	4	17	15	7	12	10	0	4	3	2	2	6	0	0	22	0	0
April	2.75	.76	8.9	6.2	7.6	S.	23	N.	0	7	12	11	18	13	8	8	1	0	0	0	0	0	0	0	6	0	6
May	2.18	.92	.0	4.9	8.1	S.	31	NW.	0	7	19	5	8	5	0	0	1	0	0	0	0	0	0	0	0	0	7
June	1.61	.39	.0	5.0	6.7	S.	29	N.	0	11	11	8	13	9	0	0	0	0	0	0	0	0	2	0	0	0	13
July	1.86	.72	.0	4.4	7.2	S.	33	NW.	1	11	18	2	7	4	0	0	1	0	0	0	0	0	2	0	0	0	11
August	1.60	1.07	.0	4.9	6.8	S.	32	NW.	1	10	18	3	10	7	0	0	1	3	2	0	0	0	5	0	0	0	9
September	2.04	1.08	T	4.7	7.5	S.	31	NE.	0	11	13	6	8	6	1	1	0	2	0	0	0	0	0	0	0	0	2
October	1.95	.89	.4	5.1	6.4	S.	30	NW.	0	11	10	10	13	9	1	1	0	16	2	0	0	0	0	0	3	0	3
November	.79	.42	4.2	3.8	7.4	S.	32	NE.	1	17	10	3	4	4	5	4	0	7	2	1	0	1	0	0	11	0	0
December	1.03	.87	10.6	4.3	7.5	S.	27	W.	0	14	10	7	5	4	8	5	0	12	2	1	0	7	0	0	23	1	0
Year	17.68	1.08	44.3	4.9	7.1	S.	36	N.	4	135	142	88	109	73	45	35	4	52	13	5	3	18	9	0	117	1	51

DES MOINES, IOWA

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

January	2.22	0.82	14.4	7.0	9.7	NW.	27	NW.	0	7	6	18	12	10	10	6	0	11	4	4	2	13	0	0	30	1	0
February	.43	.34	1.0	5.8	10.6	NW.	30	NW.	0	8	11	9	4	3	11	2	0	2	2	1	0	15	0	0	27	1	0
March	.94	.32	7.9	6.1	10.5	N.	38	NW.	1	9	6	16	8	5	11	7	0	0	0	0	0	2	0	0	25	0	1
April	1.46	.89	.0	7.0	11.1	SE.	46	SW.	4	8	3	19	8	7	0	0	0	5	2	2	1	0	0	0	0	0	4
May	2.13	1.08	.0	5.3	9.8	SE.	28	SW.	0	10	14	7	10	9	0	0	0	0	0	0	0	0	1	0	0	0	8
June	4.66	1.35	.0	6.1	8.9	S.	26	SE.	0	8	10	12	15	12	0	0	2	1	0	0	0	0	9	1	0	0	8
July	2.55	.80	.0	4.8	7.6	N.	33	SW.	1	10	15	6	9	7	0	0	1	0	0	0	0	0	15	7	0	0	11
August	2.93	1.85	.0	4.3	8.3	SE.	25	N.	0	16	10	5	6	6	0	0	1	0	0	0	0	0	14	6	0	0	7
September	8.36	2.10	.0	4.8	9.7	SE.	34	SE.	2	15	3	12	14	14	0	0	1	2	1	0	0	0	0	0	0	0	8
October	7.28	2.06	.0	6.1	8.4	SE.	40	W.	2	9	6	16	16	13	0	0	0	5	1	1	0	0	0	0	2	0	8
November	1.31	.69	T	5.7	10.1	SW.	25	SW.	0	9	8	13	5	4	8	0	0	1	1	1	1	3	0	0	13	0	2
December	2.84	1.47	8.6	6.9	10.6	NW.	30	NW.	0	7	5	19	11	9	12	7	0	6	2	1	1	11	0	0	23	0	0
Year	37.11	2.10	31.9	5.8	9.6	N.	46	SW.	10	116	97	152	118	99	52	22	5	33	13	10	5	44	39	14	120	2	57

DETROIT, MICH.

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

January	1.46	0.30	6.4	8.7	10.7	NW.	31	W.	0	1	5	25	15	9	22	10	0	11	2	1	1	18	0	0	29	0	0
February	.55	.22	4.2	7.2	11.8	NW.	31	SW.	0	4	8	16	8	5	20	6	0	11	2	3	0	17	0	0	27	0	0
March	1.59	.86	2.8	6.6	9.9	NW.	33	SW.	2	4	14	13	9	6	17	7	0	11	1	1	0	7	0	0	30	0	1
April	1.55	.57	.0	4.8	9.8	NE.	41	SW.	3	12	5	13	8	7	0	0	0	7	1	1	0	0	0	0	6	0	3
May	2.29	1.32	.0	5.1	9.8	SW.	35	NW.	1	10	14	7	10	7	0	0	0	7	2	1	0	0	3	0	0	0	4
June	2.94	.85	.0	5.7	8.4	NE.	29	SW.	0	10	7	13	12	9	0	0	0	6	0	0	0	0	6	2	0	0	8
July	2.14	1.00	.0	4.9	8.1	NW.	32	NW.	1	11	14	6	7	5	0	0	0	4	0	0	0	0	9	4	0	0	7
August	3.94	1.41	.0	4.9	8.2	NW.	28	SW.	0	13	9	9	6	6	0	0	0	7	0	0	0	0	5	1	0	0	6
September	.81	.39	.0	4.6	10.3	SW.	46	SW.	3	13	10	7	7	5	0	0	0	10	1	1	0	0	3	0	0	0	2
October	3.09	.84	.0	7.4	9.2	NW.	35	SW.	1	2	12	17	16	14	0	0	0	18	5	3	3	0	0	0	2	0	1
November	1.78	.60	.5	6.6	12.9	SW.	31	SW.	0	7	8	15	10	7	6	1	0	7	0	0	0	0	0	0	7	0	0
December	1.31	.72	3.4	8.2	11.0	NW.	38	SW.	1	3	7	21	9	6	13	5	0	9	3	2	1	6	0	0	17	0	0
Year	23.45	1.41	17.3	6.2	10.0	NW.	46	SW.	12	90	113	162	117	86	78	29	0	108	17	13	5	48	26	7	118	0	32

DEVILS LAKE, N. DAK.

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

January	0.78	0.39	8.0	8.1	8.7	NW.	26	NW.	0	4	3	24	10	4	22	9	0	8	6	2	1	28	0	0	31	17	0
February	.12	.08	1.2	6.3	9.3	NW.	32	NW.	1	7	7	14	5	2	20	5	0	8	6	4	2	27	0	0	28	13	0
March	.86	.75	7.6	6.7	9.9	N.	42	NW.	2	6	9	16	6	3	11	6	0	6	4	2	1	20	0	0	31	5	0
April	2.68	.66	1.9	8.2	9.7	N.	26	SW.	0	2	5	23	14	14	7	3	2	8	4	3	3	0	0	0	12	0	1
May	2.15	.48	.7	7.0	10.1	S.	30	NW.	0	7	5	19	15	11	2	2	0	5	3	2	1	0	0	0	3	0	6
June	4.91	1.43	.0	6.6	8.3	S.	34	NE.	2	7	6	17	16	15	0	0	1	2	0	0	0	0	1	0	0	0	6
July	1.29	.38	.0	5.5	7.2	S.	24	NW.	0	11	11	9	11	6	0	0	1	3	1	1	0	0	8	6	0	0	6
August	2.15	.67	.0	5.8	8.0	SE.	29	N.	0	7	14	10	13	9	0	0	0	6	1	0	0	0	4	0	0	0	7
September	8.34	4.55	.0	7.0	9.7	NW.	26	NW.	0	7	4	19	14	10	0	0	2	4	0	0	0	0	1	0	3	0	5
October	1.50	1.01	2.0	6.0	8.4	SW.	25	N.	0	10	8	13	6	4	3	1	0	4	3	2	2	0	0	0	9	0	6
November	.41	.09	3.6	6.9	9.4	W.	26	NW.	0	6	7	17	10	5	16	8	0	2	0	0	0	13	0	0	29	2	0
December	.18	.07	1.9	7.1	8.5	NW.	27	NW.	0	6	6	19	7	1	14	6	0	12	3	2	0	21	0	0	29	5	0
Year	25.37	4.55	26.9	6.8	8.9	NW.	42	NW.	5	80	85	200	127	84	95	40	6	68	31	18	10	109	14	6	175	42	31

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

DODGE CITY, KAN.
[ϕ=37°45′ N.; λ=100°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.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	27.47	30.15	27.98	26.97	31.1	28.4	37.3	36.1	29.6	27.3	33.2	33.0	42.6	24.6	33.6	64	13	27	26	28	29	27	85	89	71	76	80
February	27.43	30.10	27.74	26.42	30.5	28.0	39.3	38.0	28.3	26.4	33.4	32.9	44.5	24.4	34.4	64	13	25	24	25	26	25	80	84	61	67	73
March	27.42	30.07	27.86	26.73	35.7	32.1	45.2	45.5	32.9	30.1	38.0	38.8	51.0	29.4	40.2	74	18	29	27	29	31	29	77	82	56	59	68
April	27.30	29.90	27.68	26.81	49.8	45.5	58.9	59.8	45.8	43.3	49.0	49.7	64.1	43.6	53.8	78	32	42	41	40	40	41	76	84	53	53	66
May	27.34	29.89	27.81	27.02	61.3	58.1	72.5	73.4	58.4	55.6	61.1	62.4	77.3	56.3	66.8	97	49	56	54	54	56	55	85	86	55	67	71
June	27.33	29.87	27.61	27.02	65.9	62.2	76.6	78.4	62.0	59.9	65.3	65.5	81.4	59.8	70.6	98	50	60	58	59	58	59	82	88	58	53	70
July	27.40	29.92	27.62	27.18	72.3	67.6	85.6	86.5	64.8	63.3	68.5	67.9	89.8	66.6	78.2	99	59	61	61	60	58	60	69	80	45	41	59
August	27.39	29.91	27.60	27.12	71.8	67.1	85.7	85.4	65.6	63.3	68.9	68.6	90.1	66.2	78.2	100	59	63	61	61	60	61	74	82	45	44	61
September	27.34	29.88	27.81	26.96	66.0	61.4	77.4	76.9	58.8	56.7	62.4	61.5	83.0	58.7	70.8	99	40	54	54	54	52	53	68	76	46	45	59
October	27.41	30.00	27.76	26.89	53.2	50.8	62.5	60.5	50.4	48.7	54.1	53.2	66.9	47.3	57.1	92	30	48	47	48	48	48	83	87	62	66	74
November	27.43	30.07	27.74	27.00	39.4	35.7	53.0	48.7	36.6	33.8	44.4	42.4	59.0	32.0	45.5	78	10	33	31	36	36	34	78	83	54	63	70
December	27.38	30.03	27.82	26.75	33.9	31.0	43.1	39.1	31.3	29.1	35.9	34.1	47.9	26.6	37.2	69	5	28	26	27	28	27	78	82	57	65	71
Year	27.39	29.98	27.98	26.42	50.9	47.3	61.4	60.7	47.0	44.8	51.2	50.8	66.5	44.6	55.5	100	5	44	42	43	44	43	78	84	55	57	68

DUBUQUE, IOWA
[ϕ=42°30′ N.; λ=90°40′ W.]

Month	Station level	Sea level	Station level Maximum	Station level Minimum	1:30 a. m.	7:30 a. m.	1:03 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	29.41	30.20	29.81	28.83	24.5	22.5	26.8	26.8	23.2	21.5	24.7	24.8	30.6	19.1	24.8	46	0	20	19	20	21	20	81	86	75	77	80
February	29.33	30.12	29.73	28.73	20.3	17.7	25.6	25.7	18.6	16.3	22.3	22.9	30.8	13.9	22.4	47	−10	14	12	14	16	14	76	78	60	66	70
March	29.33	30.12	29.74	28.58	29.0	26.1	34.9	34.8	26.8	24.6	30.2	30.5	40.1	23.6	31.8	57	−3	23	22	22	23	22	77	82	59	62	70
April	29.27	30.02	29.69	28.63	50.3	47.3	59.6	59.8	45.5	43.4	49.7	50.6	64.2	45.2	54.7	82	32	41	39	40	42	41	70	75	52	55	63
May	29.23	29.97	29.68	28.79	60.4	58.9	71.8	71.2	54.8	54.0	59.9	60.0	76.1	55.0	65.5	89	40	50	50	51	52	51	70	73	50	53	62
June	29.19	29.92	29.41	28.87	65.7	65.2	76.2	74.4	61.9	60.8	65.9	65.5	79.9	62.0	71.0	97	50	60	59	60	61	60	82	80	61	65	72
July	29.22	29.95	29.54	28.87	69.9	68.9	81.8	81.5	64.7	63.8	68.3	68.3	86.1	65.4	75.8	100	55	62	61	61	61	61	76	76	51	52	64
August	29.25	29.98	29.53	28.85	69.1	66.9	81.1	80.0	63.9	62.1	67.2	67.1	85.0	64.4	74.7	100	54	61	59	60	60	60	76	77	50	52	64
September	29.24	29.99	29.71	28.74	63.3	59.8	72.4	68.9	59.3	56.6	61.9	61.5	76.7	57.0	66.8	92	39	57	54	55	57	56	80	83	57	67	72
October	29.29	30.04	29.65	28.58	52.7	49.3	59.5	56.9	50.4	47.1	52.2	51.9	63.7	46.3	55.0	74	26	48	45	45	47	46	85	85	63	71	76
November	29.24	30.00	29.62	28.46	39.7	36.7	45.9	43.6	36.5	34.4	40.1	38.8	49.5	34.0	41.8	71	18	32	31	33	33	32	74	78	60	65	69
December	29.27	30.04	29.80	28.58	32.1	30.5	35.1	34.3	30.1	28.7	31.9	31.8	38.7	26.1	32.4	54	6	27	26	27	27	26	80	81	71	75	77
Year	29.27	30.03	29.81	28.46	48.1	45.8	55.9	54.8	44.6	42.8	47.9	47.8	60.1	42.7	51.4	100	−10	41	40	41	42	41	77	80	59	63	70

DULUTH, MINN.
Airport [ϕ=46°50′ N.; λ=92°11′ W.] City [ϕ=46°47′ N.; λ=92°06′ W.

Month	Station level	Sea level	Station level Maximum	Station level Minimum	1:30 a. m.	7:30 a. m.	1:03 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)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	28.90	30.19	29.25	28.46	13.0	11.0	17.1	15.0	12.2	10.4	15.8	14.1	20.7	6.3	13.5	35	−12	10	8	12	11	10	85	87	79	82	84
February	28.81	30.09	29.19	28.34	12.5	10.7	18.6	16.7	11.6	10.0	16.6	15.2	22.7	6.1	14.4	34	−21	8	7	10	10	9	80	84	67	74	76
March	28.84	30.11	29.24	28.10	22.4	19.1	28.2	26.6	20.7	18.0	25.0	24.1	31.9	16.7	24.3	42	−15	16	15	18	19	17	76	83	65	72	74
April	28.80	30.03	29.17	28.25	40.9	39.1	47.9	46.8	38.0	37.1	42.0	41.5	52.0	36.1	44.0	76	28	34	34	35	35	35	77	84	64	66	73
May	28.72	29.94	29.19	28.10	49.1	48.4	57.9	56.1	45.7	45.4	49.8	48.8	62.4	43.2	52.8	85	32	42	42	42	42	42	79	80	60	64	71
June	28.74	29.94	28.96	28.32	54.8	56.3	66.1	64.1	52.1	53.8	58.0	57.6	69.6	50.5	60.0	90	36	50	52	53	53	52	84	86	65	70	76
July	28.75	29.95	29.11	28.36	61.8	62.2	75.3	72.8	59.5	59.5	65.2	64.9	78.4	58.7	68.6	95	48	58	58	59	60	59	87	85	59	66	74
August	28.78	29.99	29.10	28.35	58.0	57.6	70.1	66.8	56.2	56.5	61.6	60.9	73.4	56.5	65.0	89	38	55	56	56	57	56	90	94	64	73	80
September	28.71	29.93	29.23	28.25	52.7	50.8	60.9	57.5	50.8	49.5	55.4	53.9	64.4	49.4	56.9	82	34	49	48	51	51	50	88	92	72	80	83
October	28.79	30.03	29.12	28.07	41.1	39.5	49.9	45.5	39.1	37.9	44.5	41.9	54.6	37.5	46.0	66	18	37	36	38	38	37	84	86	68	75	78
November	28.70	29.96	29.11	28.32	28.6	26.7	33.3	31.0	27.1	25.5	30.4	29.2	38.2	24.9	31.6	53	0	24	23	26	26	25	83	85	73	80	80
December	28.74	30.01	29.26	28.12	20.5	18.8	23.7	21.1	19.6	18.1	21.8	19.8	29.9	14.9	22.4	54	−7	18	16	18	17	17	88	90	78	82	85
Year	28.77	30.02	29.26	28.07	38.0	36.7	45.8	43.3	36.0	35.1	40.5	39.3	49.8	33.4	41.6	95	−21	33	33	35	35	34	83	86	68	74	78

EASTPORT, MAINE
[ϕ=44°54′ N.; λ=66°59′W.]

Month	Station level	Sea level	Station level Maximum	Station level Minimum	1:30 a. m.	7:30 a. m.	1:03 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	30.02	30.52	29.07	----	16.5	22.4	20.8	----	15.5	20.4	18.9	24.6	13.4	19.0	40	−5	----	12	14	12	13	----	80	70	69	73
February	29.64	29.73	30.32	29.03	----	22.3	30.7	27.8	----	20.6	27.6	25.1	32.0	19.2	25.6	40	−1	----	16	22	19	19	----	74	67	68	70
March	29.68	29.77	30.30	28.97	----	25.3	32.4	29.6	----	23.3	29.0	27.1	34.2	21.4	27.8	48	2	----	19	22	22	21	----	76	68	73	72
April	29.95	30.03	30.40	29.52	----	38.9	45.0	41.4	----	36.4	40.5	38.4	48.3	34.9	41.6	69	24	----	33	35	34	34	----	79	69	77	75
May	29.76	29.84	30.18	29.23	----	45.9	53.4	47.9	----	43.5	47.8	44.9	55.7	40.7	48.2	73	32	----	41	42	42	42	----	84	69	80	78
June	29.81	29.89	30.16	29.32	----	53.5	60.0	53.8	----	50.4	54.7	50.9	62.9	46.7	54.8	92	41	----	48	50	48	49	----	82	73	84	80
July	29.86	29.94	30.15	29.62	----	57.9	63.9	60.0	----	55.8	59.0	56.9	68.3	50.8	59.6	85	47	----	54	56	55	55	----	89	78	85	84
August	29.80	29.88	30.12	29.31	----	57.0	64.8	59.1	----	54.9	59.0	56.0	67.3	51.7	59.5	78	47	----	53	55	54	54	----	88	73	84	82
September	29.94	30.02	30.31	29.41	----	53.6	62.2	56.0	----	50.9	55.3	52.0	64.8	48.7	56.8	82	36	----	48	50	48	49	----	82	66	78	75
October	29.89	29.97	30.57	29.09	----	45.1	51.1	47.3	----	43.1	45.8	44.0	53.5	39.8	46.6	70	26	----	41	40	40	40	----	84	68	77	76
November	29.88	29.96	30.44	29.35	----	38.4	44.6	39.0	----	36.6	39.7	36.6	45.9	32.6	39.2	62	6	----	34	34	32	33	----	83	70	77	77
December	29.88	29.96	30.54	28.91	----	27.0	31.8	29.4	----	26.1	29.9	28.1	35.1	21.6	28.4	49	−3	----	24	25	25	25	----	86	77	82	82
Year	29.83	29.92	30.57	28.91	----	40.1	46.9	42.7	----	38.1	42.4	39.9	49.4	35.1	42.3	92	−5	----	35	37	36	36	----	82	71	78	77

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Duluth, Minn., 1,133 feet.
[2] Airport data beginning with June 7.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

DODGE CITY, KAN.

[H=2,522 ft.; H_b=2,509 ft.; H_t=10 ft.; H_r=3 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: 0.84 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	0.97	0.75	1.3	7.1	8.9	N.	31	N.	0	6	6	19	7	4	9	2	0	14	9	7	6	5	0	0	29	0	0
February	1.37	.77	7.5	6.6	10.0	N.	33	N.	2	8	5	15	10	5	9	8	0	9	4	3	2	6	0	0	24	0	0
March	.82	.38	8.8	6.3	11.8	N.	35	N.	2	7	10	14	6	4	11	5	0	8	1	1	1	2	0	0	23	0	0
April	2.32	.61	.9	7.1	14.0	S.	36	S.	4	4	11	15	11	8	3	1	2	5	3	2	2	0	0	0	0	0	6
May	3.76	.96	.0	6.0	12.2	S.	40	S.	3	8	11	12	15	13	0	0	0	4	1	0	0	0	1	1	0	0	9
June	7.34	2.26	.0	5.8	11.8	S.	38	NE.	2	7	15	8	9	9	0	0	1	0	0	0	0	0	6	2	0	0	10
July	4.65	3.49	.0	5.8	9.3	S.	28	S.	0	8	10	13	5	5	0	0	0	1	0	0	0	0	16	9	0	0	4
August	2.19	1.33	.0	4.3	9.8	S.	27	N.	0	11	17	3	6	6	0	0	0	3	1	0	0	0	17	6	0	0	9
September	1.58	1.34	.0	4.7	14.1	S.	33	S.	2	10	13	7	4	3	0	0	0	3	1	1	0	0	9	4	0	0	1
October	3.89	2.02	4.0	6.6	11.3	S.	37	NW.	2	4	12	15	13	10	2	2	0	11	4	3	0	0	1	0	2	0	7
November	.87	.65	5.3	4.4	9.9	S.	31	S.	0	15	8	7	6	2	3	2	0	3	1	1	0	1	0	0	17	0	1
December	.37	.22	3.3	6.5	11.4	S.	31	SW.	0	7	9	15	7	4	10	6	0	10	6	3	1	7	0	0	23	0	0
Year	30.13	3.49	31.1	5.9	11.2	S.	40	S.	17	95	127	143	99	73	47	26	3	71	31	21	12	21	50	22	118	0	47

DUBUQUE, IOWA

[H=641 ft.; H_b=699 ft.; H_t=60 ft.; H_r=53 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	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.84 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	1.83	0.63	8.0	7.9	6.8	NW.	21	NW.	0	4	5	22	10	6	16	7	0	6	3	3	2	16	0	0	30	1	0
February	.35	.10	3.5	6.1	7.5	NW.	26	NW.	0	10	5	13	7	5	12	5	0	1	0	0	0	17	0	0	28	3	0
March	2.17	1.34	18.5	6.6	6.6	NW.	27	NW.	0	9	5	17	10	4	10	6	0	5	2	1	1	4	0	0	26	1	2
April	3.18	1.67	.0	6.7	6.7	S.	21	NW.	0	6	8	16	6	6	0	0	0	0	0	0	0	0	0	0	1	0	3
May	2.10	.84	.0	5.4	6.1	S.	20	NE.	0	10	11	10	11	10	0	0	1	1	0	0	0	0	0	0	0	0	9
June	4.42	1.83	.0	6.2	5.8	S.	21	SE.	0	10	4	16	18	13	0	0	0	4	1	0	0	0	5	1	0	0	8
July	.97	.45	.0	4.7	5.5	S.	18	NW.	0	11	12	8	6	4	0	0	0	1	0	0	0	0	8	3	0	0	9
August	1.67	.56	.0	5.0	5.5	S.	15	NE.	0	12	8	11	9	9	0	0	0	2	1	0	0	0	10	3	0	0	8
September	8.94	4.24	.0	5.7	5.9	S.	21	NE.	0	10	8	12	14	13	0	0	0	4	3	2	2	0	1	0	0	0	4
October	3.99	1.33	.0	6.7	5.0	S.	23	NW.	0	7	6	18	15	11	0	0	0	10	6	2	2	0	0	0	2	0	5
November	.80	.28	T	6.9	6.7	NW.	18	NW.	0	9	2	19	4	4	5	0	0	2	1	0	0	1	0	0	12	0	2
December	2.08	.59	12.1	7.4	6.7	NW.	24	NW.	0	6	4	21	13	9	10	8	0	8	7	7	4	10	0	0	22	0	0
Year	32.50	4.24	42.1	6.3	6.2	NW.	27	NW.	0	104	78	183	123	94	53	26	1	44	24	15	11	48	24	7	121	5	50

DULUTH, MINN.

Airport [H=1,409 ft.; H_b=1,417 ft.; H_t=5 ft.; H_r=3 ft.; H_a=52 ft.] City [H=1,128 ft.; H_b=1,133 ft.; H_t=5 ft.; H_r=3 ft.; H_a=47 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: 0.84 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	1.08	0.70	10.5	7.8	12.2	NW.	43	NW.	6	3	5	23	13	4	24	12	0	5	3	1	3	29	0	0	31	9	
February	.72	.34	7.4	5.6	14.0	NW.	43	NW.	7	9	7	12	10	7	15	9	0	4	1	0	0	23	0	0	28	7	0
March	.85	.27	9.1	6.8	12.6	NE.	68	NW.	2	7	6	18	11	7	17	10	0	6	5	5	5	11	0	0	31	3	0
April	2.74	.64	2.6	7.2	12.2	NE.	31	NE.	0	4	8	18	15	10	3	2	1	8	7	7	7	0	0	0	7	0	4
May	2.67	.79	.0	6.7	12.2	NE.	31	NE.	0	6	10	15	14	11	0	0	0	9	8	8	8	0	0	0	0	0	6
June	3.67	.93	.0	6.5	10.9	NE.	32	SW.	1	8	8	14	13	12	0	0	0	9	7	6	7	0	0	0	0	0	4
July	2.86	1.09	.0	6.2	8.7	NE.	33	NW.	1	7	9	15	9	5	0	0	1	6	5	4	2	0	1	1	0	0	8
August	6.53	2.50	.0	5.9	9.9	NE.	36	NW.	1	7	13	11	12	8	0	0	1	9	8	5	4	0	0	0	0	0	8
September	6.28	3.36	T	7.4	11.6	NE.	34	W.	5	3	9	18	13	11	1	0	0	8	5	5	5	0	0	0	0	0	5
October	1.62	.65	T	6.5	11.9	W.	36	W.	2	8	7	16	13	9	2	0	0	9	6	5	4	0	0	0	9	0	0
November	.34	.21	.2	8.1	13.8	W.	34	W.	1	3	7	20	6	2	10	2	0	5	3	3	2	7	0	0	28	1	0
December	.41	.17	4.6	7.2	14.5	NW.	43	NW.	6	6	5	20	6	5	17	4	0	7	5	1	1	21	0	0	29	4	0
Year	29.77	3.36	34.4	6.8	12.0	NE.	68	NW.	32	71	94	200	135	91	89	39	3	85	63	50	48	91	1	1	163	24	35

EASTPORT, MAINE

[H=33 ft.; H_b=75 ft.; H_t=67 ft.; H_r=62 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: 0.84 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	1.21	0.35	9.9	6.2	13.6	NW.	34	E.	2	8	7	16	11	9	14	9	0	9	1	0	2	25	0	0	31	4	0
February	.40	.17	1.9	5.5	12.6	NW.	49	E.	3	9	7	12	5	4	10	4	0	4	0	0	1	13	0	0	28	1	0
March	1.83	.89	13.9	5.5	12.9	NW.	43	NE.	7	12	4	15	10	8	14	9	0	3	0	0	0	11	0	0	28	0	0
April	.46	.32	.0	5.8	10.0	S.	29	NE.	0	9	10	11	6	3	0	0	0	7	1	0	5	0	0	0	8	0	0
May	3.19	1.07	T	5.7	9.4	S.	31	NW.	0	9	12	10	14	9	2	0	0	9	0	0	4	0	0	0	1	0	2
June	.52	.20	.0	5.8	8.3	S.	30	E.	0	8	12	10	9	3	0	0	0	16	0	0	8	0	1	0	0	0	1
July	3.57	1.14	.0	5.2	7.5	S.	21	SW.	0	11	10	10	13	11	0	0	0	15	0	0	15	0	0	0	0	0	3
August	3.53	.81	.0	5.7	8.3	S.	24	NW.	0	10	11	10	16	13	0	0	0	11	0	0	9	0	0	0	0	0	2
September	1.26	.76	.0	4.4	8.8	SW.	29	NW.	0	14	8	8	9	3	0	0	0	3	0	0	4	0	0	0	0	0	1
October	4.38	1.14	T	5.8	10.6	NW.	33	W.	2	10	6	15	18	12	1	0	0	4	0	0	2	0	0	0	5	0	0
November	1.79	.95	T	6.3	10.7	SW.	34	E.	1	8	9	13	8	8	4	0	0	7	1	0	5	2	0	0	13	0	0
December	1.98	.65	6.0	6.5	11.6	NW.	46	E.	1	7	10	14	11	7	10	5	0	6	0	0	4	9	0	0	23	1	0
Year	24.12	1.14	31.7	5.7	10.4	NW.	49	E.	16	115	106	144	130	90	55	27	0	94	3	0	59	60	1	0	137	6	9

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ELKINS, W. VA.

Airport [ϕ=38°53′ N.; λ=79°51′ W.] City [ϕ=38°56′ N.; λ=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.	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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	28.05	30.18	28.42	27.61	28.5	27.2	35.4	30.7	26.9	25.7	32.1	29.0	38.7	23.6	31.2	57	3	24	23	27	26	25	82	82	72	81	79
February	27.90	30.03	28.19	27.42	23.4	21.1	32.3	26.6	21.6	19.5	28.5	24.1	34.0	17.9	26.0	56	7	18	16	22	19	19	77	78	65	72	73
March	27.95	30.06	28.22	27.44	27.6	23.9	38.7	35.2	25.7	22.4	33.2	30.9	43.1	20.9	32.0	66	−2	22	19	25	24	22	78	81	59	63	70
April	28.04	30.10	28.38	27.54	44.4	44.4	65.6	57.7	41.9	41.8	53.0	49.4	68.3	39.8	54.0	88	23	39	39	42	42	40	82	84	44	57	67
May	28.01	30.04	28.35	27.70	48.8	51.0	71.4	64.5	46.0	47.6	57.1	54.7	73.7	43.9	58.8	88	28	43	44	46	47	45	83	79	42	55	65
June	28.00	30.00	28.28	27.58	58.8	61.1	76.6	69.7	57.8	59.3	65.8	64.0	78.8	56.6	67.7	88	45	57	58	60	61	59	94	91	58	75	80
July	28.00	30.00	28.20	27.78	63.1	65.0	80.9	73.7	62.1	63.2	70.0	68.2	83.2	61.0	72.1	93	48	62	62	65	66	64	95	92	59	76	80
August	28.03	30.04	28.28	27.79	59.5	58.9	77.7	69.4	58.5	58.2	65.5	64.1	80.8	55.8	68.3	89	42	58	58	58	61	59	95	96	54	76	80
September	28.12	30.16	28.32	27.76	55.3	54.5	72.2	63.3	54.1	53.1	63.9	60.0	78.7	51.7	65.2	91	36	53	52	56	58	55	94	92	49	83	79
October	28.11	30.16	28.37	27.70	51.0	48.8	66.6	56.4	49.2	47.3	57.0	52.9	69.9	45.9	57.9	86	26	47	46	49	50	48	88	90	57	79	79
November	28.04	30.14	28.42	27.36	34.1	32.7	52.9	40.3	31.8	30.8	43.1	36.0	55.2	29.2	42.2	74	14	28	28	32	30	30	79	82	48	66	69
December	28.02	30.13	28.36	27.34	34.5	32.7	43.1	37.3	32.4	30.3	37.5	34.1	47.2	29.0	38.1	66	13	29	26	30	30	29	80	77	60	73	73
Year	28.02	30.09	28.42	27.34	44.1	43.4	59.9	52.1	42.3	41.6	50.6	47.3	62.6	39.6	51.1	93	−2	40	39	43	43	41	86	85	56	71	74

EL PASO, TEX.

Airport [ϕ=31°48′ N.; λ=106°24′ W.] City [ϕ=31°47′ N.; λ=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.	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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	26.23	30.06	26.60	25.93	43.1	38.5	48.4	51.9	37.7	35.2	40.7	42.2	56.0	37.4	46.7	67	26	30	31	31	30	31	62	74	54	47	59
February	26.16	29.95	26.43	25.82	48.7	43.8	55.4	59.4	42.4	39.5	45.4	46.6	63.8	42.3	53.0	75	35	35	34	35	33	34	62	72	49	40	56
March	26.14	29.92	26.49	25.93	49.3	43.2	56.8	61.5	41.3	38.1	44.8	46.0	65.3	42.4	53.8	78	32	32	32	32	28	31	54	66	41	31	48
April	26.07	29.81	26.34	25.77	56.3	48.2	64.9	68.6	44.7	40.9	49.1	49.4	72.4	48.0	60.2	83	39	31	32	32	28	31	41	55	33	25	38
May	26.10	29.78	26.37	25.81	68.0	60.9	78.4	82.0	55.1	52.9	58.3	57.7	86.4	61.0	73.7	96	49	44	46	42	37	42	48	61	32	24	41
June	26.12	29.79	26.33	25.92	72.5	64.9	82.7	85.4	57.4	55.3	60.9	60.5	91.2	65.9	78.6	102	58	46	48	46	42	45	41	56	29	24	37
July	26.19	29.87	26.34	26.02	74.5	69.0	83.8	86.1	63.7	62.7	66.9	65.4	92.3	69.5	80.9	99	63	58	59	58	54	57	57	72	44	36	52
August	26.20	29.88	26.36	26.05	73.3	67.6	82.7	84.3	64.1	62.6	66.9	66.5	91.0	68.5	79.8	96	64	59	60	59	57	59	63	77	46	42	57
September	26.13	29.81	26.35	25.90	69.4	65.4	78.1	80.2	61.8	60.3	64.6	64.4	84.5	64.4	74.4	94	53	57	57	57	55	57	57	76	51	45	60
October	26.18	29.91	26.47	25.89	59.4	55.6	69.4	70.4	52.9	50.9	56.7	56.6	75.8	54.5	65.2	89	41	48	47	47	46	47	68	75	48	46	59
November	26.24	30.05	26.61	25.92	46.9	42.5	58.6	59.2	42.6	39.5	47.5	47.9	65.0	41.6	53.3	75	30	38	36	37	37	37	72	78	45	44	60
December	26.18	30.01	26.55	25.71	42.1	36.2	51.8	52.5	36.6	33.0	41.9	42.3	59.6	36.9	48.2	70	23	29	28	30	30	30	62	74	44	43	56
Year	26.16	29.90	26.61	25.71	58.6	53.0	67.6	70.1	50.0	47.6	53.6	53.8	75.3	52.7	64.0	102	23	42	42	42	40	42	58	70	43	37	52

ELY, NEV.

Airport [ϕ=39°17′ N.; λ=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.	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	23.90	30.16	24.21	23.61	24.4	19.9	31.1	34.3	23.1	18.9	27.7	30.3	39.1	15.2	27.2	51	0	21	17	23	25	22	86	88	71	69	78
February	23.82	30.01	24.12	23.30	30.8	27.8	38.5	40.9	29.4	26.6	33.8	35.0	44.5	24.9	34.7	53	12	28	25	28	28	27	87	90	66	61	76
March	23.82	29.99	24.22	23.41	31.7	25.9	42.5	46.4	28.8	24.5	34.3	36.1	49.6	22.8	36.2	61	7	25	22	24	23	24	76	86	50	46	64
April	23.77	29.92	23.98	23.32	32.3	27.7	42.1	44.2	30.2	26.7	35.0	36.3	48.5	23.9	36.2	63	12	28	25	27	27	27	83	90	57	55	71
May	23.86	29.92	24.07	23.49	46.4	38.7	59.8	63.3	39.8	35.3	45.6	46.1	67.1	35.7	51.4	80	27	33	32	33	30	32	68	76	39	32	52
June	23.87	29.91	24.11	23.63	50.2	43.1	65.8	68.5	42.4	38.1	49.0	49.7	71.5	40.0	55.8	85	31	35	33	35	34	34	60	71	35	32	50
July	23.99	30.00	24.16	23.74	57.7	48.7	77.6	79.1	48.3	43.5	55.2	55.2	83.5	46.7	65.1	94	38	40	38	39	37	39	56	70	29	26	45
August	23.97	29.98	24.13	23.73	57.6	49.4	73.5	76.3	48.9	44.7	54.4	54.7	79.3	46.6	63.0	86	33	42	40	40	38	40	58	73	33	29	48
September	23.86	29.92	24.12	23.58	44.6	35.8	62.2	66.7	35.5	30.3	44.6	45.7	69.7	32.5	51.1	84	20	24	22	27	24	24	46	58	29	22	39
October	23.89	30.04	24.22	23.52	36.4	31.9	49.1	51.0	32.9	29.7	39.4	40.1	55.6	28.0	41.8	74	18	29	27	29	28	28	75	82	51	48	64
November	23.98	30.22	24.25	23.41	27.0	23.5	42.5	41.7	24.6	21.7	34.6	34.5	49.9	19.4	34.6	69	−7	21	19	26	26	23	79	83	53	57	68
December	23.81	30.03	24.16	23.38	25.7	24.0	32.9	32.8	24.1	22.4	29.0	29.1	39.1	18.0	28.6	54	−8	22	20	24	24	23	86	85	69	71	78
Year	23.88	30.01	24.25	23.30	38.7	33.0	51.5	53.8	34.0	30.2	40.2	41.1	58.1	29.5	43.8	94	−8	29	27	30	28	29	71	79	48	46	61

ERIE, PA.

Airport [ϕ=42°05′ N.; λ=80°12′ W.] City [ϕ=42°07′ N.; λ=80°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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(-)
January	29.36	30.16	29.83	28.77	27.0	26.2	28.5	27.5	25.7	25.1	27.1	26.4	32.8	24.0	28.4	47	12	23	23	24	24	24	86	87	84	88	86
February	29.19	29.99	29.58	28.54	22.4	22.9	27.9	23.6	21.3	21.8	25.6	22.3	30.7	20.5	25.6	49	10	19	20	22	20	20	88	88	76	84	84
March	29.26	30.06	29.65	28.64	24.8	24.1	33.0	29.2	23.7	22.9	29.7	27.5	35.3	22.4	28.8	54	10	21	21	24	25	23	86	88	68	82	81
April	29.33	30.11	29.68	28.82	43.2	45.7	56.1	50.9	39.9	41.6	47.6	44.6	59.7	41.3	50.5	83	28	36	37	39	38	38	78	74	55	63	68
May	29.34	30.01	29.58	28.86	53.5	56.8	64.3	59.8	49.4	51.8	56.1	53.4	67.9	52.4	60.2	84	39	46	48	50	48	48	76	72	63	67	69
June	29.22	29.98	29.50	28.85	61.0	65.4	74.3	69.4	58.0	60.6	65.0	62.9	76.2	60.7	68.4	91	50	56	58	60	59	58	85	78	63	72	74
July	29.21	29.98	29.47	28.79	66.7	69.9	78.8	74.3	63.2	64.8	67.8	66.8	81.0	66.1	73.6	90	55	61	62	62	63	62	83	77	58	69	72
August	29.24	30.00	29.57	28.84	61.9	64.4	74.2	68.8	58.5	60.3	65.0	62.7	77.0	61.9	69.4	90	50	56	58	60	59	58	82	79	62	72	74
September	29.33	30.10	29.68	28.69	60.4	60.6	72.9	63.5	56.6	56.7	62.4	58.9	76.2	58.4	67.3	91	41	54	54	56	56	55	80	79	58	77	74
October	29.31	30.08	29.78	28.76	53.0	52.6	60.5	55.2	49.6	49.8	54.7	52.0	62.8	50.3	56.6	88	39	47	47	50	49	48	81	83	72	81	79
November	29.23	30.01	29.70	28.58	42.3	40.7	47.1	43.4	39.2	38.2	42.4	39.9	51.3	39.6	45.4	71	27	36	35	37	36	36	78	82	71	75	76
December	29.27	30.06	29.74	28.46	35.6	34.6	38.2	36.7	33.7	32.9	35.8	34.5	42.4	31.7	37.0	70	16	30	30	33	32	31	83	84	80	81	82
Year	29.26	30.04	29.83	28.46	46.0	47.0	54.6	50.2	43.2	43.9	48.3	46.0	57.8	44.1	50.9	91	10	40	41	43	42	42	82	81	68	76	77

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Elkins, 1,947 feet; El Paso, 3,778 feet; Erie, 714 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

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=1,963 ft.; H_t=61 ft.; H_r=53 ft.; H_a=78 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	0.84 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	3.31	0.81	6.2	8.5	6.5	W.	30	W.	0	2	6	23	21	15	16	12	0	22	3	1	1	9	0	0	27	0	0
February	1.27	.31	14.4	7.6	7.5	W.	30	W.	0	3	8	17	13	9	21	12	0	8	1	0	0	13	0	0	27	0	0
March	2.10	.51	13.3	7.1	7.3	W.	29	W.	0	6	6	19	15	12	15	14	0	4	1	0	0	3	0	0	28	1	0
April	2.43	.98	.0	6.0	5.3	NW.	26	SW.	0	6	13	11	10	8	0	0	0	11	3	4	3	0	0	0	6	0	2
May	2.58	1.39	.0	4.8	6.1	W.	23	SW.	0	13	10	8	7	6	0	0	0	19	6	3	3	0	0	0	5	0	6
June	8.01	2.22	.0	6.1	4.7	N.	22	NW.	0	6	12	12	16	15	0	0	0	26	11	6	6	0	0	0	0	0	10
July	5.17	2.66	.0	6.5	4.8	SE.	22	S.	0	3	16	12	14	12	0	0	0	26	12	10	4	0	5	0	0	0	12
August	8.41	2.43	.0	5.3	4.5	NE.	29	NW.	0	11	12	8	13	12	0	0	0	25	14	4	16	0	0	0	0	0	6
September	1.85	.51	.0	4.4	4.6	NE.	37	W.	1	12	10	8	9	8	0	0	0	22	19	5	9	0	1	0	0	0	7
October	2.83	1.16	.0	7.0	5.3	W.	22	NW.	0	5	8	18	14	13	0	0	0	25	11	5	6	0	0	0	3	0	2
November	1.80	.70	T	5.7	5.8	W.	21	W.	0	10	5	15	7	5	6	1	0	16	4	1	1	2	0	0	22	0	0
December	2.57	.64	2.6	7.5	6.9	W.	27	W.	0	6	4	21	13	9	10	3	0	18	2	3	1	4	0	0	20	0	1
Year	42.33	2.66	36.5	6.4	5.8	W.	37	W.	1	83	110	172	152	124	68	42	0	222	87	42	50	31	6	0	138	1	46

EL PASO, TEX.

Airport [H=3,912 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=76 ft.; H_a=102 ft.]

January	0.46	0.18	0.0	5.1	7.9	W.	27	E.	0	13	8	10	4	4	0	0	1	2	0	0	0	0	0	0	4	0	2
February	.46	.15	T	5.0	7.5	W.	26	W.	0	8	16	4	5	4	1	1	0	5	1	1	1	0	0	0	0	0	1
March	1.63	1.30	T	4.3	9.3	W.	25	SW.	0	13	14	4	6	5	2	1	0	1	1	0	0	0	0	0	1	0	1
April	1.49	.86	.0	3.2	10.4	W.	35	W.	2	17	9	4	6	4	0	0	0	0	0	0	0	0	0	0	0	0	3
May	1.23	.94	.0	3.8	9.1	W.	28	NW.	0	15	14	2	6	3	0	0	0	0	0	0	0	0	16	1	0	0	4
June	.18	.09	.0	3.1	8.5	E.	29	E.	0	15	14	1	6	1	0	0	0	0	0	0	0	0	18	10	0	0	8
July	1.40	.99	.0	4.6	8.0	E.	25	E.	0	12	13	6	8	5	0	0	0	0	0	0	0	0	24	7	0	0	11
August	2.13	1.88	.0	4.8	7.3	E.	29	NE.	0	8	16	7	7	6	0	0	0	0	0	0	0	0	20	2	0	0	7
September	4.19	2.15	.0	5.4	7.9	E.	32	SE.	1	10	10	10	10	9	0	0	0	0	0	0	0	0	5	0	0	0	7
October	1.65	1.01	.0	4.5	7.1	E.	27	W.	0	12	13	6	5	5	0	0	1	0	0	0	0	0	0	0	0	0	4
November	.48	.36	.0	3.6	6.6	W.	22	SW.	0	18	5	7	3	2	0	0	0	0	0	0	0	0	0	0	3	0	0
December	.35	.17	T	4.1	7.7	W.	32	W.	1	17	8	6	3	2	1	1	0	0	0	0	0	0	0	0	5	0	0
Year	15.65	2.15	T	4.3	8.1	E.	35	W.	4	158	140	67	69	50	4	3	2	8	2	1	1	0	83	20	13	0	48

ELY, NEV.

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

January	0.35	0.08	3.9	7.1	9.6	S.	36	SE.	5	7	4	20	9	4	16	9	0	3	0	0	2	1	0	0	31	1	0
February	.60	.18	1.7	7.7	10.5	S.	46	S.	2	4	3	21	9	7	13	7	0	2	1	0	0	0	0	0	26	0	0
March	.93	.30	4.6	4.9	11.7	S.	33	S.	3	15	2	14	11	7	13	8	0	0	0	0	0	0	0	0	31	0	0
April	2.63	.44	12.2	7.6	10.3	S.	38	S.	3	5	7	18	17	12	19	11	2	1	1	0	1	0	0	0	29	0	4
May	1.84	.92	2.0	5.6	12.3	S.	40	NW.	4	9	12	10	7	7	3	1	2	0	0	0	0	0	0	0	8	0	6
June	1.45	.66	.2	5.2	11.9	S.	35	NW.	6	10	9	11	9	6	1	1	2	0	0	0	0	0	0	0	3	0	5
July	1.55	.55	.0	4.5	10.3	S.	42	SW.	5	12	12	7	10	5	0	0	1	0	0	0	0	0	4	0	0	0	15
August	.75	.30	.0	4.9	10.6	S.	37	S.	3	11	12	8	8	6	0	0	0	0	0	0	0	0	0	0	0	0	8
September	.19	.11	T	2.8	12.1	S.	36	SW.	3	19	7	4	5	2	3	3	0	0	0	0	0	0	0	0	16	0	1
October	1.76	.47	5.6	6.7	10.6	S.	41	N.	3	7	6	18	10	8	7	5	2	4	1	1	2	0	0	0	26	0	4
November	.67	.52	6.1	4.8	9.6	S.	28	S.	0	12	9	9	4	2	4	1	0	1	0	0	0	5	0	0	28	5	0
December	.80	.21	11.8	7.3	10.8	S.	39	SE.	5	6	7	18	11	7	18	11	0	0	0	0	0	7	0	0	30	3	0
Year	13.52	.92	48.1	5.8	10.8	S.	46	S.	42	117	90	158	110	73	97	57	9	11	3	1	5	13	4	0	228	9	43

ERIE, PA.

Airport [H=734 ft.; H_b=737 ft.; H_t=5 ft.; H_r=3 ft.; H_a=38 ft.] City [H=655 ft.; H_b=690 ft.; H_t=57 ft.; H_r=50 ft.; H_a=81 ft.]

January	2.40	0.49	14.9	9.2	8.8	W.	24	SW.	0	0	3	28	14	12	20	10	0	0	0	0	0	16	0	0	28	0	0
February	1.28	.57	12.1	6.6	9.8	W.	27	W.	0	5	9	14	12	9	20	11	0	0	0	0	0	17	0	0	26	0	0
March	1.16	.52	5.4	5.3	8.5	NW.	26	SW.	0	10	12	9	11	8	11	8	0	0	0	0	0	10	0	0	30	0	1
April	1.58	.70	.0	3.4	7.9	NE.	26	SW.	0	17	10	3	7	7	0	0	0	1	0	0	1	0	0	0	4	0	1
May	2.04	.51	.0	4.3	7.8	W.	23	SW.	0	15	8	8	10	8	0	0	0	1	0	0	0	0	0	0	0	0	3
June	2.58	.66	.0	4.4	7.2	W.	22	W.	0	13	8	9	9	8	0	0	0	0	0	0	0	0	2	0	0	0	5
July	2.77	1.07	.0	4.5	7.0	W.	24	SE.	0	11	15	5	10	10	0	0	0	2	0	0	0	0	1	0	0	0	6
August	3.31	1.49	.0	3.9	6.8	NW.	22	SW.	0	13	14	4	8	4	0	0	0	0	0	0	0	0	1	0	0	0	2
September	1.52	.62	.0	4.0	8.2	S.	34	SW.	1	13	11	6	7	5	0	0	0	0	0	0	0	0	1	0	0	0	3
October	3.20	.55	.0	8.1	8.5	S.	26	NW.	0	0	10	21	14	12	0	0	1	0	0	0	0	0	0	0	0	0	3
November	2.10	.68	2.3	8.3	10.6	SW.	25	SW.	0	2	4	24	9	7	4	3	0	1	0	0	0	0	0	0	4	0	1
December	1.56	.60	3.6	9.1	10.0	SW.	27	SW.	0	1	4	26	10	8	13	4	0	1	0	0	1	3	0	0	20	0	0
Year	25.50	1.49	38.3	5.9	8.4	W.	34	SW.	1	100	108	157	121	98	68	36	1	6	0	0	2	46	5	0	112	0	25

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ESCANABA, MICH.
[ϕ=45°48′ N.; λ=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.	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	29.50	30.19	29.89	28.89	19.4	19.2	23.7	22.1	18.4	18.2	21.9	20.9	26.1	14.9	20.5	36	2	16	16	18	18	17	84	85	77	84	83
February	29.33	30.02	29.79	28.67	18.7	16.5	25.1	23.3	17.9	15.7	22.9	21.8	28.2	13.0	20.6	38	1	16	14	18	18	16	86	87	71	78	81
March	29.42	30.11	29.81	28.62	22.5	19.4	30.5	27.1	20.9	18.1	26.8	24.9	33.3	16.0	24.6	47	1	18	15	20	20	18	82	81	62	74	75
April	29.42	30.10	29.80	28.64	40.0	38.3	47.7	45.6	38.1	36.5	43.1	41.6	52.5	34.9	43.7	67	22	36	34	38	37	36	85	84	70	73	78
May	29.32	29.98	29.76	28.74	50.9	50.6	58.9	56.5	47.9	47.3	52.6	51.1	62.4	46.1	54.2	77	32	45	44	47	46	46	81	78	67	70	74
June	29.31	29.96	29.62	28.92	59.1	59.1	68.7	67.8	56.2	55.7	61.2	61.0	71.8	55.0	63.4	88	39	54	53	56	56	55	84	81	67	68	75
July	29.31	29.96	29.69	28.86	63.3	63.2	71.8	70.4	60.5	59.8	64.7	63.5	75.3	58.0	66.6	87	46	59	57	61	59	59	85	82	69	70	76
August	29.34	30.00	29.66	28.81	60.5	59.1	70.1	67.5	58.0	56.7	63.1	61.5	73.2	54.8	64.0	85	42	56	55	59	58	57	86	87	68	72	78
September	29.33	29.98	29.82	28.78	57.6	56.7	62.7	60.3	55.4	54.7	57.4	56.2	65.9	52.5	59.2	82	33	54	53	53	53	53	87	88	73	78	82
October	29.36	30.04	29.79	28.71	46.9	45.8	52.8	50.4	45.3	43.8	47.7	47.1	55.0	41.5	48.2	66	26	44	42	43	44	43	88	85	70	79	80
November	29.25	29.93	29.73	28.63	34.7	33.4	39.9	37.7	32.7	31.7	35.9	34.6	42.3	30.5	36.4	60	11	29	29	30	30	30	80	82	69	74	76
December	29.33	30.01	29.88	28.60	28.5	28.4	31.8	29.7	26.8	27.0	29.4	27.7	34.1	23.1	28.6	47	7	23	24	25	24	24	79	83	74	77	78
Year	29.35	30.02	29.89	28.60	41.8	40.8	48.6	46.5	39.8	38.8	43.9	42.7	51.7	36.7	44.2	88	1	38	36	39	39	38	84	84	70	75	78

EUREKA, CALIF.
[ϕ=40°48′ N.; λ=124°11′ W.]

January	29.93	30.00	30.22	29.46	49.7	49.5	51.9	53.9	46.8	46.6	47.9	49.6	57.6	45.5	51.6	66	34	44	44	44	46	44	81	82	75	74	78
February	29.82	29.88	30.24	29.10	51.9	50.3	54.4	56.2	47.8	47.2	48.9	50.3	59.0	46.3	52.6	71	39	44	44	43	45	44	77	82	70	68	74
March	29.92	29.99	30.31	29.45	51.6	48.4	54.6	56.7	49.1	46.8	50.2	51.2	59.3	46.4	52.8	71	41	47	45	46	46	46	84	89	74	69	79
April	29.95	30.02	30.34	29.44	50.4	48.3	53.7	54.3	48.2	46.4	49.2	49.7	56.9	46.6	51.8	60	40	46	44	45	46	45	86	87	73	73	80
May	29.99	30.05	30.33	29.57	54.7	52.1	57.3	58.6	52.1	50.7	53.3	53.8	61.2	50.5	55.8	83	42	50	49	50	50	50	84	91	78	74	82
June	30.00	30.07	30.13	29.78	56.9	54.7	59.5	61.3	54.3	52.7	55.3	56.7	63.4	53.4	58.4	70	49	52	51	52	53	52	85	88	77	76	81
July	29.96	30.03	30.11	29.77	56.2	54.7	58.1	59.5	55.0	53.9	55.8	56.3	61.7	53.8	57.8	65	51	54	53	54	54	54	92	95	87	82	89
August	30.00	30.07	30.17	29.85	57.5	55.9	60.0	61.2	55.9	54.6	56.7	57.4	63.8	54.8	59.3	71	52	55	54	54	55	54	91	93	82	80	86
September	29.95	30.02	30.19	29.74	56.4	53.5	59.5	60.3	54.4	52.2	55.1	56.0	63.2	52.0	57.6	70	46	53	51	52	53	52	89	92	76	77	83
October	30.02	30.09	30.30	29.78	53.0	51.0	55.9	57.1	51.2	49.6	52.5	53.4	59.5	48.9	54.2	67	43	50	48	50	51	50	89	91	80	80	85
November	30.02	30.09	30.34	29.57	54.3	51.6	55.3	58.0	50.6	49.4	51.8	53.5	60.9	48.4	54.6	70	35	48	47	49	49	48	84	86	80	75	81
December	29.92	29.99	30.29	29.52	48.9	47.7	50.3	52.1	46.9	46.1	47.6	48.5	55.0	43.9	49.4	68	34	45	44	45	45	45	86	89	83	78	84
Year	29.96	30.03	30.34	29.10	53.5	51.5	55.9	57.4	51.0	49.7	52.0	53.0	60.1	49.2	54.7	83	34	49	48	49	49	49	86	89	78	76	82

EVANSVILLE, IND.
Airport [ϕ=38°02′ N.; λ=87°32′ W.]

	(1)		(1)	(1)																							
January	29.71	30.19	30.07	29.02	33.6	31.8	38.1	36.1	31.6	30.2	34.4	33.2	42.6	27.7	35.2	57	11	28	28	29	28	28	80	83	69	74	76
February	29.62	30.10	30.02	29.05	29.5	26.7	35.9	34.2	27.0	24.8	30.9	30.2	39.8	23.7	31.8	62	15	22	21	22	23	22	74	78	57	64	68
March	29.61	30.09	30.09	29.07	35.6	33.0	46.4	43.9	32.1	30.3	38.5	37.5	50.3	29.8	40.0	68	14	27	26	27	28	27	69	74	48	55	62
April	29.57	30.04	29.97	29.11	53.4	51.3	67.1	65.4	49.9	48.2	55.3	55.5	70.7	47.9	59.3	85	39	47	45	46	48	46	80	81	49	56	66
May	29.56	30.02	29.88	29.00	60.6	60.5	77.0	75.0	56.0	56.1	62.1	61.9	80.2	55.0	67.6	93	39	52	53	52	53	53	76	76	43	48	61
June	29.48	29.94	29.76	29.20	68.8	69.3	83.2	82.0	65.2	65.5	68.5	69.3	86.7	64.1	75.4	97	52	64	64	61	63	63	83	82	49	54	67
July	29.50	29.95	29.71	29.21	72.5	72.0	85.6	82.2	69.1	68.8	73.0	72.7	89.0	68.1	78.6	99	60	68	67	67	69	68	84	85	56	65	73
August	29.52	29.98	29.74	29.31	71.1	69.4	86.5	83.1	67.1	66.0	71.5	71.5	89.2	66.1	77.6	101	55	65	64	64	66	65	82	84	49	58	68
September	29.60	30.05	29.94	28.87	65.5	62.2	82.6	76.1	61.0	59.1	67.1	64.6	85.7	59.2	72.4	93	38	58	57	58	57	58	78	84	45	54	65
October	29.62	30.08	29.93	29.08	57.9	55.7	69.5	64.9	55.2	53.8	60.5	59.1	73.2	51.9	62.6	90	34	53	52	54	55	54	85	89	60	72	76
November	29.62	30.10	30.08	28.98	40.8	37.7	51.7	46.5	38.7	36.0	44.6	42.4	54.8	35.4	45.1	75	24	36	34	37	38	36	83	86	59	73	75
December	29.62	30.10	30.06	28.86	38.0	36.1	45.1	41.6	35.8	34.3	40.1	38.4	48.2	31.7	40.0	68	19	33	32	34	34	33	82	84	66	75	76
Year	29.59	30.05	30.09	28.86	52.3	50.5	64.1	60.9	49.1	47.8	53.9	53.0	67.5	46.7	57.1	101	11	46	45	46	47	46	80	82	54	62	69

FORT SMITH, ARK.
[ϕ=35°22′ N.; λ=94°24′ W.]

January	29.69	30.18	30.11	29.02	41.4	38.3	44.9	46.8	38.1	35.7	39.9	41.2	51.0	35.5	43.2	72	18	34	32	34	34	33	74	77	65	63	70
February	29.60	30.09	29.91	28.85	39.4	35.6	43.3	45.2	35.9	33.1	38.3	39.2	49.4	32.7	41.0	67	20	31	30	31	31	31	72	78	64	60	69
March	29.57	30.06	29.99	29.12	45.2	40.4	51.7	54.3	39.8	36.7	43.1	44.4	58.0	38.0	48.0	76	24	33	32	32	32	32	62	70	49	45	56
April	29.46	29.94	29.86	29.00	61.6	57.3	69.3	70.0	55.0	52.6	58.0	58.1	73.7	55.0	64.4	86	42	49	48	50	49	49	66	73	54	51	61
May	29.49	29.96	29.78	29.13	69.2	65.4	78.9	79.6	63.2	60.6	66.0	66.9	83.3	63.6	73.4	90	56	60	57	59	59	59	72	77	52	53	63
June	29.45	29.92	29.67	29.22	72.9	70.0	82.8	82.8	67.9	66.4	68.9	70.0	86.6	67.8	77.2	95	61	65	64	63	63	64	78	83	53	54	67
July	29.46	29.92	29.60	29.23	78.6	74.9	88.9	88.7	72.5	71.2	74.5	74.3	93.5	73.2	83.4	100	63	70	70	68	68	69	75	84	51	52	66
August	29.47	29.94	29.62	29.29	76.8	73.3	86.2	86.2	72.3	70.4	74.5	74.3	90.9	71.6	81.2	99	64	70	69	70	69	69	81	87	59	58	71
September	29.49	29.96	29.75	28.96	72.6	69.6	82.0	81.6	67.7	65.7	70.6	70.2	86.2	67.3	76.8	96	50	65	64	65	64	65	78	82	58	57	69
October	29.53	30.01	29.86	29.08	66.1	62.7	72.2	70.3	62.9	60.5	64.2	64.3	76.2	60.7	68.4	88	38	61	59	59	60	60	83	88	66	72	77
November	29.61	30.10	30.05	29.27	47.3	42.9	55.7	55.7	43.6	40.6	47.9	47.9	60.8	40.9	50.8	79	26	40	38	39	40	39	75	83	55	57	68
December	29.58	30.07	30.06	29.01	43.0	39.0	47.8	49.2	40.0	37.1	42.3	43.4	53.9	37.3	45.6	67	27	36	34	35	36	35	76	84	64	63	72
Year	29.53	30.01	30.11	28.85	59.5	55.8	67.0	67.5	54.9	52.6	57.4	57.8	72.0	53.6	62.8	100	18	51	50	50	50	50	74	80	58	57	67

[1] Pressure(station level) at airport adjusted to the old (city) station elevation: Evansville, 431 feet.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ESCANABA, MICH.

[H=594 ft.; H_b=612 ft.; H_t=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: 0.84 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	0.97	0.46	13.8	8.9	10.8	NW.	31	NW.	0	1	4	26	14	7	29	14	0	4	3	0	0	28	0	0	31	0	0
February	.87	.36	10.6	7.5	11.7	N.	38	N.	2	4	5	19	10	6	24	10	0	1	1	1	1	22	0	0	28	0	0
March	.71	.46	10.3	6.4	10.4	N.	33	N.	3	7	8	16	6	4	13	6	0	4	0	0	0	11	0	0	31	0	0
April	1.54	.53	T	6.2	9.7	S.	29	NW.	0	7	9	14	8	7	2	0	0	10	7	6	5	0	0	0	12	0	3
May	3.45	1.37	.0	5.8	11.1	S.	29	N.	0	10	9	12	11	11	0	0	0	4	4	1	1	0	0	0	1	0	6
June	1.85	.57	.0	6.2	10.4	S.	34	N.	2	4	13	13	8	6	0	0	1	2	1	0	0	0	0	0	0	0	4
July	4.27	1.19	.0	6.2	9.7	S.	31	N.	0	6	13	12	9	9	0	0	0	2	0	0	0	0	0	0	0	0	7
August	6.15	2.54	.0	6.3	9.9	S.	29	NW.	0	5	15	11	13	11	0	0	0	7	3	1	1	0	0	0	0	0	9
September	5.09	1.58	.0	6.4	10.9	S.	29	NW.	0	3	16	11	11	11	0	0	0	10	3	3	3	0	0	0	0	0	4
October	4.05	1.14	T	7.0	11.0	S.	36	N.	2	4	11	16	14	9	1	0	0	14	2	2	1	0	0	0	5	0	2
November	1.20	1.03	1.1	7.5	11.6	NW.	40	NE.	3	1	10	19	5	4	9	2	0	4	1	1	1	1	0	0	17	0	0
December	1.71	.64	6.9	8.3	12.5	NW.	35	NW.	2	2	7	22	12	11	17	7	0	7	4	4	4	14	0	0	27	0	0
Year	31.86	2.54	42.7	6.9	10.8	S.	40	NE.	14	54	120	191	121	96	95	39	1	69	29	19	17	76	0	0	152	0	35

EUREKA, CALIF.

[H=43 ft.; H_b=60 ft.; H_t=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: 0.84 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	11.37	2.07	0.0	7.7	8.3	SE.	35	NW.	1	5	3	23	19	16	0	0	0	2	1	1	0	0	0	0	0	0	2
February	6.68	2.18	.0	8.1	7.7	SE.	32	S.	1	2	5	21	15	14	0	0	0	2	1	0	2	0	0	0	0	0	0
March	4.31	1.94	.0	6.7	6.8	SE.	27	SW.	0	7	6	18	12	7	0	0	1	1	2	0	1	0	0	0	0	0	0
April	4.49	1.39	.0	6.9	9.3	N.	32	N.	2	9	1	20	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0
May	3.61	.75	.0	7.6	7.4	N.	34	SW.	1	4	5	22	17	11	0	0	1	6	1	0	0	0	0	0	0	0	2
June	1.52	.69	.0	6.7	8.4	N.	23	S.	0	1	16	13	10	7	0	0	0	1	1	0	0	0	0	0	0	0	6
July	.06	.03	.0	7.0	6.9	N.	22	NW.	0	5	9	17	4	0	0	0	0	15	11	8	2	0	0	0	0	0	1
August	.18	.08	.0	7.7	5.8	N.	19	SW.	0	1	11	19	4	3	0	0	0	14	7	4	1	0	0	0	0	0	0
September	.48	.28	.0	4.5	6.9	N.	35	N.	1	12	12	6	3	3	0	0	0	9	5	3	1	0	0	0	0	0	0
October	2.64	1.27	.0	5.6	6.6	N.	29	N.	0	9	8	14	7	5	0	0	0	13	10	5	4	0	0	0	0	0	0
November	3.91	1.90	.0	7.0	5.5	SE.	25	S.	0	4	9	17	9	7	0	0	1	9	8	2	9	0	0	0	0	0	0
December	12.87	2.92	.0	7.9	7.8	SE.	28	S.	0	3	4	24	23	23	0	0	1	3	3	1	3	0	0	0	0	0	2
Year	52.12	2.92	.0	7.0	7.3	N.	35	N.	6	62	89	214	137	108	0	0	4	75	50	24	23	0	0	0	0	0	7

EVANSVILLE, IND.

Airport [H=384 ft.; H_b=388 ft.; H_t=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: 0.84 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	2.28	1.15	0.3	7.5	8.1	NW.	25	NW.	0	6	6	19	12	8	3	1	0	14	4	4	2	6	0	0	23	0	1
February	.79	.49	1.5	5.8	9.6	NW.	36	NW.	1	9	7	12	6	3	10	4	0	8	1	0	0	7	0	0	26	0	0
March	.89	.29	T	5.7	10.0	N.	37	W.	3	10	9	12	7	6	6	0	2	6	3	1	1	1	0	0	18	0	1
April	2.21	.63	.0	6.1	8.1	SW.	34	NW.	1	8	8	14	12	8	0	0	1	12	3	3	2	0	0	0	0	0	7
May	2.13	1.29	.0	4.5	7.7	N.	42	NW.	1	13	13	5	9	6	0	0	1	8	0	0	0	0	5	0	0	0	6
June	3.53	1.47	.0	5.2	6.6	SW.	34	NW.	1	7	16	7	9	8	0	0	0	2	0	0	0	0	12	3	0	0	9
July	4.30	1.27	.0	5.1	6.0	SW.	40	NW.	2	11	12	8	10	9	0	0	0	11	0	0	0	0	14	3	0	0	9
August	3.85	1.64	.0	5.0	6.8	N.	28	NE.	0	9	15	7	6	6	0	0	0	8	0	0	0	0	15	5	0	0	6
September	.71	.26	.0	4.3	8.1	SW.	42	SW.	2	12	9	9	8	5	0	0	0	6	0	0	0	0	10	0	0	0	4
October	8.33	2.32	.0	6.5	7.6	SW.	26	S.	0	8	7	16	16	13	0	0	0	14	4	2	1	0	0	0	0	0	4
November	2.22	.98	T	5.4	7.0	SW.	26	W.	0	12	4	14	7	6	6	2	0	10	2	1	1	0	0	0	11	0	0
December	2.44	1.14	.6	7.2	8.1	SW.	29	NW.	0	4	11	16	8	5	4	1	0	16	6	5	4	2	0	0	16	0	0
Year	33.59	2.32	2.4	5.7	7.8	SW.	42	SW.	11	109	117	139	110	83	29	8	4	115	23	16	11	16	56	11	94	0	47

FORT SMITH, ARK.

[H=463 ft. H_b=463 ft.; H_t=57 ft.; H_r=48 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: 0.84 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	4.18	1.33	T	6.3	7.6	E.	21	S.	0	10	4	17	10	7	4	1	0	5	2	0	0	1	0	0	13	0	5
February	3.65	1.35	6.5	6.5	7.4	E.	29	NW.	0	7	6	15	12	10	5	3	0	2	0	0	0	0	0	0	11	0	1
March	.80	.50	T	5.8	8.3	E.	25	SW.	0	9	12	10	7	5	2	0	0	4	2	0	0	0	0	0	7	0	0
April	4.52	2.02	.0	6.7	8.8	E.	26	E.	0	3	15	12	13	11	0	0	0	0	0	0	0	0	0	0	0	0	8
May	2.10	.66	.0	5.2	7.0	E.	24	SW.	0	7	19	5	10	8	0	0	0	1	1	0	0	0	1	0	0	0	4
June	4.70	1.97	.0	5.2	6.5	E.	23	NW.	0	11	9	10	9	5	0	0	0	1	0	0	0	0	11	0	0	0	9
July	3.72	1.02	.0	4.5	5.6	E.	24	W.	0	14	10	7	10	7	0	0	0	1	1	1	1	0	23	15	0	0	13
August	3.48	.73	.0	5.6	5.7	E.	21	N.	0	10	11	10	17	14	0	0	0	1	1	0	0	0	18	8	0	0	18
September	3.30	1.37	.0	5.3	7.3	E.	43	NW.	1	11	10	9	5	3	0	0	0	3	0	0	0	0	11	2	0	0	1
October	9.97	3.24	.0	7.3	7.4	E.	27	NW.	0	3	5	23	14	11	0	0	0	0	1	0	0	0	0	0	0	0	4
November	2.35	1.13	.0	4.4	6.6	E.	23	NW.	0	16	7	7	6	4	0	0	0	1	0	0	1	0	0	0	5	0	1
December	2.24	.81	1.1	6.5	7.2	E.	26	W.	0	8	8	15	9	8	1	1	0	9	3	3	4	0	0	0	8	0	3
Year	45.10	3.24	7.6	5.8	7.1	E.	43	NW.	1	109	116	140	122	93	12	5	0	28	11	4	6	1	64	25	44	0	67

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

FORT WAYNE, IND.

Airport [ϕ=41°05′ N.; λ=85°10′ W.] City [ϕ=41°10′ N.; λ=85°08′ 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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.22	30.18	29.65	28.56	25.2	24.1	29.7	27.5	24.2	23.1	27.6	25.9	33.2	21.7	27.4	51	6	22	21	24	23	22	87	87	77	82	83
February	29.08	30.04	29.40	28.54	23.4	20.7	28.3	26.3	22.2	19.7	25.5	24.3	31.5	19.1	25.3	53	0	20	18	20	20	19	84	86	70	76	79
March	29.13	30.08	29.49	28.47	27.1	25.6	37.5	33.7	25.6	24.3	32.2	30.2	40.3	24.3	32.3	56	4	23	22	23	24	23	83	83	57	67	72
April [3]	29.15	30.08	29.51	28.67	47.5	45.8	61.8	58.2	44.1	43.1	51.5	49.8	66.1	41.7	53.9	85	26	41	40	42	42	41	78	81	52	57	67
May	29.10	30.01	29.48	28.70	55.3	55.6	71.7	69.3	51.4	51.7	58.8	58.4	74.9	49.6	62.2	91	36	48	48	49	50	49	78	77	47	54	64
June	29.05	29.96	29.33	28.70	64.0	64.3	77.5	74.7	61.3	61.4	65.4	65.4	80.5	59.4	70.0	96	50	60	60	59	60	60	86	85	56	63	72
July	29.06	29.96	29.30	28.65	67.2	67.4	83.2	81.3	63.1	63.8	69.1	68.2	86.6	62.0	74.3	99	47	61	62	62	61	61	80	82	50	52	66
August	29.10	30.00	29.39	28.75	65.2	63.8	81.6	79.1	60.4	60.1	65.9	65.4	84.9	59.0	72.0	99	49	57	58	56	57	57	77	82	45	49	63
September	29.15	30.06	29.55	28.38	62.6	59.4	77.9	71.3	58.1	56.5	63.8	61.3	81.7	55.6	68.6	92	40	55	54	55	55	55	77	84	47	58	67
October	29.16	30.09	29.54	28.55	52.5	50.5	62.7	57.2	50.3	49.3	55.6	52.8	65.2	45.8	55.5	82	28	48	48	50	49	49	87	92	65	76	80
November	29.09	30.03	29.52	28.44	38.7	36.6	46.6	41.8	37.1	35.5	42.1	39.2	49.7	33.2	41.4	70	19	35	34	37	36	36	88	90	72	81	83
December	29.12	30.07	29.61	28.40	33.7	32.9	38.0	35.4	32.6	32.0	35.8	33.8	40.0	28.9	34.4	60	7	31	31	33	32	31	88	90	80	85	86
Year	29.12	30.05	29.65	28.36	46.9	45.6	58.0	54.6	44.2	43.4	49.4	47.9	61.2	41.7	51.4	99	0	42	41	42	42	42	83	85	60	67	74

FORT WORTH, TEX.

Airport [ϕ=32°49′ N.; λ=97°21′ 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) 29.43	30.16	(1) 29.89	(1) 28.80	45.1	41.1	51.8	52.1	42.3	39.5	46.1	46.7	57.5	38.8	48.2	71	26	39	38	40	41	40	80	87	66	68	75
February	29.36	30.10	29.73	28.67	43.9	40.4	49.8	50.5	40.8	38.5	43.9	44.7	55.3	38.1	46.7	78	29	37	36	37	39	37	78	85	66	67	74
March	29.33	30.06	29.82	28.85	47.6	44.1	56.4	57.4	43.9	41.4	47.9	48.7	62.1	41.7	51.9	81	30	40	38	39	40	39	74	80	56	55	66
April	29.21	29.92	29.59	28.81	61.6	58.0	69.4	70.5	57.8	56.0	60.9	61.5	74.4	56.4	65.4	86	41	55	54	55	56	55	81	88	63	64	74
May	29.24	29.94	29.52	28.87	69.4	66.4	81.4	80.4	65.8	64.7	70.7	69.9	86.1	65.1	75.6	95	55	64	64	66	65	64	83	92	60	62	74
June	29.23	29.93	29.43	29.03	73.0	70.1	82.9	84.0	69.7	68.1	72.2	72.7	88.2	68.0	78.1	96	61	68	67	68	68	68	85	91	61	60	74
July	29.25	29.94	29.40	29.07	78.6	74.6	90.0	90.6	72.4	71.5	75.3	75.2	95.4	73.3	84.4	102	66	70	70	69	69	70	75	87	52	50	66
August	29.26	29.96	29.41	29.08	78.9	74.8	90.6	89.3	72.4	71.5	75.6	74.8	96.2	73.6	84.9	104	68	70	70	70	69	70	74	86	52	53	66
September	29.24	29.94	29.51	28.91	74.3	70.3	85.7	85.6	69.1	67.8	73.2	72.5	91.2	68.5	79.8	99	55	67	67	68	67	67	78	88	56	54	69
October	29.30	30.01	29.60	28.97	67.7	65.3	75.6	72.9	64.7	63.6	67.5	66.2	79.6	62.7	71.2	92	40	63	63	63	63	63	86	92	67	72	79
November	29.39	30.12	29.86	29.08	49.5	45.4	62.4	58.8	45.9	43.7	52.9	51.5	67.4	42.9	55.2	84	27	42	42	45	45	44	78	88	53	61	70
December	29.36	30.09	29.87	28.82	46.9	42.7	54.6	53.0	44.0	41.1	48.3	47.4	59.6	40.3	50.0	77	25	41	39	42	42	41	80	87	64	67	74
Year	29.30	30.01	29.89	28.67	61.4	57.8	70.9	70.4	57.4	55.6	61.2	61.0	76.1	55.8	66.0	104	25	55	54	55	55	55	79	88	60	61	72

FRESNO, CALIF.

Airport [ϕ=36°43′ N.; λ=119°49′ 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) 29.73	30.09	(1) 30.00	(1) 29.44	48.5	45.5	51.2	56.0	47.0	44.5	48.1	51.0	57.7	41.9	49.8	66	33	46	43	45	47	45	90	93	81	72	84
February	29.60	29.96	29.90	29.14	52.5	50.3	55.6	58.8	50.2	48.4	51.4	53.2	60.9	46.4	53.6	70	35	48	47	48	49	48	86	90	76	70	81
March	29.61	29.97	30.00	29.19	54.2	49.5	60.4	65.7	51.1	47.6	53.9	55.6	68.5	46.0	57.2	78	40	48	46	48	47	48	82	88	66	54	72
April	29.60	29.95	29.83	29.18	55.3	49.3	62.6	68.5	51.1	47.2	53.9	54.7	71.1	46.4	58.8	86	36	48	45	46	42	45	76	86	57	43	66
May	29.60	29.94	29.82	29.29	66.2	57.7	74.3	83.0	56.9	52.7	59.2	61.2	84.1	55.5	69.8	97	47	50	48	48	44	48	57	72	40	27	49
June	29.55	29.89	29.71	29.37	69.8	60.5	77.4	87.8	58.0	54.1	60.8	62.8	89.4	58.2	73.8	104	53	49	49	49	44	48	48	67	38	24	44
July	29.51	29.84	29.69	29.29	78.4	67.7	86.5	98.9	64.1	59.7	67.2	68.0	99.9	65.0	82.4	108	59	55	54	56	48	53	45	63	36	19	41
August	29.57	29.91	29.78	29.39	73.4	64.0	88.3	91.4	62.1	57.4	63.9	65.9	92.5	61.2	76.8	101	53	55	53	53	49	52	53	63	40	24	46
September	29.50	29.85	29.75	29.30	66.6	57.3	75.1	85.6	55.8	52.2	59.3	60.8	87.2	53.8	70.5	100	44	46	48	47	40	45	50	71	38	21	45
October	29.62	29.97	29.93	29.29	58.0	51.6	66.3	72.2	50.9	47.7	54.8	56.4	74.7	47.4	61.0	89	40	44	44	45	42	44	63	77	50	39	57
November	29.73	30.08	30.01	29.49	51.9	46.5	54.1	65.6	48.6	44.7	52.2	54.2	67.3	42.7	55.0	82	28	45	43	46	43	44	78	86	63	47	69
December	29.69	30.05	29.96	29.28	47.4	44.4	50.5	53.9	45.8	43.5	47.6	49.5	56.9	41.1	49.0	68	33	44	42	45	45	44	89	94	81	73	84
Year	29.61	29.96	30.01	29.14	60.2	53.7	66.6	74.0	53.5	50.0	56.0	57.8	75.8	50.5	63.1	108	28	48	47	48	45	47	68	80	56	43	62

GALVESTON, TEX.

Airport [ϕ=29°16′ N.; λ=94°52′ W.] City (ϕ=29°18′ N.; λ=94°50′ 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 2) 30.09	(2) 30.14	(1 2) 30.53	(1 2) 29.53	(2) 55.6	(2) 54.0	(2) 60.2	(2) 57.5	(2) 53.1	(2) 51.9	(2) 55.2	(2) 54.3	61.7	52.9	57.3	73	36	(2) 51	(2) 50	(2) 51	(2) 51	(2) 51	(2) 85	(2) 86	(2) 72	(2) 81	(2) 81
February	30.00	30.06	30.34	29.58	52.2	50.6	56.7	55.0	49.7	48.6	51.4	50.9	58.6	49.2	53.9	70	38	47	46	46	47	47	84	86	70	76	79
March	29.98	30.04	30.31	29.60	55.5	53.6	59.6	57.8	52.9	51.5	55.1	54.1	62.7	51.7	57.2	80	36	51	50	52	51	51	84	87	76	80	82
April	29.87	29.93	30.18	29.52	66.6	65.6	72.3	69.6	64.2	63.4	66.3	65.4	72.7	64.5	68.6	80	57	63	62	63	63	63	88	89	74	81	83
May	29.91	29.97	30.10	29.53	73.2	72.3	78.8	76.3	69.6	69.0	72.0	71.0	79.7	71.7	74.7	84	62	66	67	69	69	68	84	85	72	77	80
June	29.90	29.95	30.05	29.71	78.6	78.5	83.6	81.6	74.9	75.1	77.0	76.1	85.2	76.8	81.0	88	69	73	74	74	74	74	84	86	75	78	80
July	29.92	29.97	30.09	29.75	80.3	79.4	86.9	84.0	76.9	76.6	79.0	77.7	87.9	79.1	83.5	92	72	76	76	76	75	76	86	88	71	76	80
August	29.92	29.98	30.07	29.80	80.9	80.1	87.3	84.0	76.7	76.8	78.8	77.8	88.3	80.0	84.2	92	73	75	76	76	76	75	83	86	69	76	78
September	29.84	29.90	30.12	29.13	79.8	78.4	83.6	81.1	75.9	74.9	76.8	76.5	84.6	76.8	80.7	89	72	74	74	74	75	74	84	86	74	82	81
October	29.94	29.99	30.15	29.70	76.8	75.3	81.3	77.3	73.0	72.1	74.5	73.0	82.3	73.0	77.6	88	62	71	71	72	71	71	83	86	73	82	81
November	30.05	30.11	30.49	29.69	58.3	56.0	64.8	60.4	54.9	53.2	57.4	55.9	66.1	55.2	60.6	77	41	52	51	51	52	52	81	83	64	76	76
December	30.01	30.07	30.41	29.50	56.3	54.6	61.2	58.3	53.4	52.0	55.5	54.7	62.9	53.6	58.2	73	44	50	49	50	51	50	82	84	70	80	79
Year	29.95	30.01	30.53	29.13	67.8	66.5	73.0	70.2	64.6	63.8	66.6	65.6	74.4	65.4	69.9	92	36	63	62	63	63	63	84	86	72	79	80

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Fort Wayne, 857 feet; Fort Worth, 679 feet; Fresno, 327 feet; Galveston, 54 feet.
[2] Airport data.
[3] All records at airport, April to December, inclusive.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

FORT WAYNE, IND.

Airport H=824 ft.; H_b=828 ft.; H_t=5 ft.; H_r=3 ft.; H_a=32 ft.] City [H=777 ft.; H_b=857 ft.; H_t=69 ft.; H_r=63 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	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.84 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	1.60	0.46	5.4	8.5	9.0	W.	28	W.	0	1	6	24	12	7	16	5	0	11	4	3	2	15	0	0	29	0	0
February	.32	.15	1.7	7.5	10.4	W.	29	NW.	0	4	5	19	8	3	15	7	0	6	1	1	0	16	0	0	27	1	0
March	1.41	.50	1.6	6.8	9.7	NW.	30	NW.	0	6	7	18	6	5	11	4	1	4	0	0	0	4	0	0	29	0	1
April [1]	2.06	.85	.0	5.9	8.0	E.	40	W.	3	8	7	15	11	7	0	0	0	10	3	2	0	0	0	0	4	0	4
May	2.07	.58	.0	5.2	8.3	SW.	34	NW.	1	9	13	9	8	8	0	0	1	8	0	0	0	0	4	0	0	0	6
June	3.98	1.84	.0	5.8	6.8	SW.	34	W.	1	6	13	11	9	5	0	0	0	18	1	0	0	0	6	1	0	0	7
July	.84	.36	.0	5.1	6.8	N.	24	NW.	0	9	16	6	6	4	0	0	0	8	1	0	0	0	11	5	0	0	8
August	2.37	.78	.0	4.5	6.9	N.	29	NW.	0	11	14	6	8	6	0	0	1	7	0	0	0	0	9	2	0	0	6
September	.74	.29	.0	4.7	8.6	S.	51	W.	3	10	12	8	6	6	0	0	0	6	0	0	0	0	3	0	0	0	3
October	6.15	1.66	.0	6.9	8.4	SW.	30	W.	0	6	9	16	14	11	0	0	0	16	3	2	2	0	0	0	2	0	2
November	2.25	.94	.5	6.0	10.2	W.	31	SW.	0	8	10	12	10	8	8	3	0	13	2	2	2	1	0	0	13	0	0
December	1.94	.61	3.5	8.5	9.7	W.	35	W.	2	0	8	23	12	7	14	3	0	18	7	4	4	8	0	0	19	0	2
Year	25.73	1.84	12.7	6.3	8.5	W.	51	W.	10	78	120	167	110	77	64	22	3	125	22	14	10	44	33	8	123	1	39

FORT WORTH, TEX.

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

January	1.45	1.67	0.0	6.4	10.7	S.	36	S.	2	8	9	14	6	5	0	0	0	8	3	3	0	0	0	0	5	0	1
February	3.42	.84	.0	7.4	11.0	NE.	43	S.	3	4	7	17	10	8	0	0	0	9	1	0	0	0	0	0	4	0	1
March	1.52	.59	T	6.5	13.4	NW.	43	N.	4	9	7	15	11	8	2	0	1	4	0	0	0	0	0	0	2	0	6
April	3.52	1.02	.0	6.9	13.0	SE.	42	NW.	4	5	10	15	18	10	0	0	1	4	0	0	0	0	0	0	0	0	9
May	2.02	1.13	.0	6.6	10.6	SE.	31	E.	0	5	12	14	8	7	0	0	0	2	0	0	0	0	9	1	0	0	5
June	7.12	2.05	.0	5.8	10.0	SE.	32	NE.	1	5	16	9	9	8	0	0	0	3	0	0	0	0	15	4	0	0	8
July	1.49	.67	.0	4.3	8.4	S.	38	N.	3	15	10	6	4	4	0	0	0	3	0	0	0	0	25	20	0	0	9
August	2.71	1.61	.0	5.0	9.1	S.	37	W.	2	13	7	11	10	7	0	0	0	3	0	0	0	0	29	22	0	0	13
September	1.28	.85	.0	4.9	11.0	SE.	43	NW.	2	10	12	8	5	2	0	0	0	2	1	1	0	0	21	10	0	0	2
October	3.68	1.41	.0	7.6	11.2	S.	34	SW.	1	1	13	17	12	8	0	0	0	11	0	0	0	0	2	0	0	0	4
November	1.08	.53	.0	4.7	9.6	S.	31	N.	0	12	10	8	6	5	0	0	0	2	0	0	0	0	0	0	3	0	2
December	1.88	1.31	.0	5.8	9.6	S.	33	NW.	2	6	13	12	7	7	0	0	0	11	3	3	2	0	0	0	5	0	2
Year	31.17	2.05	T	6.0	10.6	S.	43	S.	24	93	126	146	106	79	2	0	2	62	8	7	2	0	101	57	19	0	62

FRESNO, CALIF.

Airport [H=278 ft.; H_b=282 ft.; H_t=5 ft.; H_r=4½ ft.; H_a=19 ft.]

January	1.56	0.50	0.0	8.0	4.3	SE.	19	NE.	0	2	7	22	13	9	0	0	0	16	11	11	10	0	0	0	0	0	0
February	5.04	1.34	.0	8.9	4.9	SE.	28	SE.	0	0	4	24	13	10	0	0	0	8	2	1	1	0	0	0	0	0	2
March	1.86	.52	.0	6.3	5.3	NW.	27	NW.	0	9	6	16	9	8	0	0	1	9	8	8	6	0	0	0	0	0	3
April	2.61	.77	.0	4.9	6.4	NW.	29	NW.	0	12	8	10	6	6	0	0	1	3	1	1	2	0	0	0	0	0	2
May	T	T	.0	3.1	8.5	NW.	28	NW.	0	17	12	2	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0
June	.12	.12	.0	2.7	8.6	NW.	24	NW.	0	20	5	5	1	1	0	0	0	0	0	0	0	0	14	6	0	0	0
July	.00	.00	.0	.8	6.4	NW.	21	NW.	0	28	3	0	0	0	0	0	0	0	0	0	0	0	27	25	0	0	0
August	.07	.07	.0	2.3	7.4	NW.	20	NW.	0	23	4	4	1	1	0	0	0	0	0	0	0	0	21	11	0	0	0
September	.00	.00	.0	.6	6.0	NW.	22	NW.	0	27	3	0	0	0	0	0	0	0	0	0	0	0	10	4	0	0	0
October	.76	.28	.0	4.1	4.8	NW.	35	N.	1	16	5	10	6	6	0	0	0	5	4	4	4	0	0	0	0	0	0
November	.56	.55	.0	5.0	8.6	NW.	18	W.	0	10	10	10	2	1	0	0	0	14	11	10	6	0	0	0	8	0	0
December	4.16	.88	.0	6.8	5.1	SE.	28	NW.	0	7	9	15	18	15	0	0	1	11	8	7	7	0	0	0	0	0	1
Year	16.74	1.34	.0	4.5	5.9	NW.	35	N.	1	171	76	118	69	57	0	0	3	66	45	42	36	0	80	49	8	0	8

GALVESTON, TEX.

Airport [H=5 ft.; H_b=9 ft.; H_t=4 ft.; H_r=3 ft.; H_a=35 ft.] City [H=6 ft.; H_b=54 ft.; H_t=106 ft.; H_r=98 ft.; H_a=114 ft.]

January	2.33	1.20	0.0	5.8	9.8	S.	24	E.	0	8	13	10	8	5	0	0	0	8	7	5	5	0	0	0	0	0	3
February	2.59	.87	T	6.7	10.3	N.	26	E.	0	5	9	14	10	7	1	0	0	7	1	0	0	0	0	0	0	0	1
March	6.65	2.82	.0	7.3	11.7	S.	29	NW.	0	5	7	19	11	8	0	0	0	9	4	4	4	0	0	0	0	0	4
April	8.38	5.53	.0	6.8	12.4	SE.	31	SE.	0	8	2	20	11	7	0	0	0	3	2	2	2	0	0	0	0	0	7
May	4.41	3.44	.0	5.6	11.2	S.	42	SW.	1	9	11	11	8	8	0	0	1	0	0	0	0	0	0	0	0	0	6
June	4.27	2.05	.0	6.3	10.7	S.	26	S.	0	2	20	8	7	6	0	0	0	0	0	0	0	0	0	0	0	0	8
July	9.11	7.50	.0	6.3	8.4	S.	22	W.	0	2	19	10	6	6	0	0	0	0	0	0	0	0	1	0	0	0	13
August	3.16	2.45	.0	5.5	8.8	S.	24	S.	0	6	18	7	5	4	0	0	0	0	0	0	0	0	4	0	0	0	7
September	15.32	5.52	.0	5.9	11.5	S.	53	S.	3	9	9	12	16	13	0	0	0	0	0	0	0	0	0	0	0	0	9
October	11.47	3.76	.0	5.8	11.3	S.	33	SE.	1	5	16	10	15	13	0	0	0	0	0	0	0	0	0	0	0	0	3
November	1.62	1.11	.0	4.7	8.8	N.	36	N.	1	14	8	8	6	2	0	0	0	2	1	0	0	0	0	0	0	0	1
December	1.38	.81	.0	7.3	9.3	N.	29	S.	0	5	9	17	7	5	0	0	0	7	5	4	2	0	0	0	0	0	1
Year	70.59	7.50	T	6.2	10.4	S.	53	S.	6	78	141	146	110	84	1	0	1	36	20	15	13	0	5	0	0	0	63

[1] All records at airport, April to December, inclusive.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

GRAND JUNCTION, COLO.
[ϕ=39°04′ N.; λ=108°34′ 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	25.48	30.15	25.91	25.07	29.4	27.1	33.8	36.4	27.7	25.4	29.6	31.7	40.0	24.1	32.0	49	16	25	22	24	25	24	82	81	65	64	73
February	25.39	30.01	25.76	24.75	34.9	32.2	39.8	44.1	32.7	30.2	34.9	37.4	47.2	29.8	38.5	59	16	30	28	29	29	29	82	83	63	58	72
March	25.32	29.91	25.76	24.99	40.4	36.6	47.5	52.0	35.4	32.6	38.2	40.2	54.5	33.8	44.2	69	21	29	27	27	26	27	65	68	47	39	55
April	25.26	29.83	25.50	24.93	46.8	42.4	52.3	55.1	40.1	38.0	42.6	42.8	58.8	39.5	49.2	70	30	33	33	32	29	32	60	70	48	39	54
May	25.31	29.84	25.60	24.86	59.6	52.9	68.9	72.4	48.8	46.1	51.6	52.4	75.7	51.3	63.5	91	39	39	40	37	35	38	52	64	34	30	45
June	25.34	29.86	25.57	25.10	64.4	57.7	75.4	78.3	51.8	48.9	55.0	55.2	82.0	56.4	69.2	95	42	42	41	39	36	40	48	58	31	28	41
July	25.43	29.94	25.61	25.14	72.4	64.9	82.8	87.7	58.6	55.3	62.9	63.3	91.3	63.4	77.4	99	57	50	48	51	49	50	47	57	35	28	42
August	25.41	29.93	25.60	25.18	69.5	64.6	79.8	85.1	58.1	55.5	61.2	62.2	88.1	62.7	75.4	98	57	50	49	50	48	49	55	59	38	31	46
September	25.33	29.87	25.60	24.97	59.6	55.0	68.2	72.8	49.8	47.4	52.8	54.1	75.8	51.1	63.4	90	42	42	41	41	40	41	56	63	41	36	49
October	25.39	29.97	25.77	25.02	48.7	45.8	56.6	58.1	45.1	42.7	47.4	48.7	62.7	42.4	52.6	75	29	42	40	39	41	40	79	81	54	55	67
November	25.50	30.14	25.90	24.83	35.9	32.3	45.2	47.5	32.2	29.5	36.5	38.3	52.8	29.1	41.0	64	16	27	26	26	27	26	70	75	46	45	59
December	25.38	30.02	25.80	24.78	32.2	28.8	37.2	38.3	29.2	26.9	31.8	33.0	44.3	25.5	34.9	61	18	25	24	24	26	25	74	81	59	61	69
Year	25.38	29.96	25.91	24.75	49.5	45.0	57.3	60.6	42.5	39.9	45.4	46.6	64.4	42.4	53.4	99	16	36	35	35	34	35	64	70	47	43	56

GRAND RAPIDS, MICH.
Airport [ϕ=42°54′ N.; λ=85°40′ W.] City [ϕ=42°58′ N.; λ=85°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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.36	30.16	29.81	28.70	23.8	23.3	27.8	25.6	22.9	22.5	25.9	24.4	31.1	21.3	26.2	42	10	21	21	22	22	22	89	89	79	84	85
February	29.22	30.01	29.61	28.53	21.0	20.0	27.1	24.2	20.0	18.9	24.7	22.7	30.9	18.5	24.7	47	9	18	16	20	20	18	87	85	72	81	81
March	29.27	30.07	29.63	28.63	24.9	23.3	33.6	30.3	23.4	22.2	29.5	27.4	37.6	22.6	30.1	52	6	20	20	22	22	21	82	86	63	71	75
April	29.29	30.06	29.66	28.72	44.7	43.7	59.7	56.0	41.6	40.6	49.0	48.0	64.4	42.5	53.4	81	26	38	37	38	40	38	78	78	48	57	65
May	29.22	29.98	29.65	28.78	53.3	54.5	69.0	65.1	49.7	49.9	57.4	56.0	72.8	50.8	61.8	88	35	46	46	48	48	47	78	73	51	57	65
June	29.19	29.94	29.43	28.97	61.4	62.8	77.2	74.4	58.3	58.4	64.2	64.3	81.0	60.5	70.8	95	47	56	55	56	58	57	84	77	51	60	68
July	29.20	29.94	29.51	28.80	64.9	66.0	81.6	78.6	61.3	62.3	66.8	66.2	85.2	63.5	74.4	99	49	59	60	59	59	59	82	81	47	53	66
August	29.23	29.98	29.55	28.81	62.3	61.7	79.1	74.9	59.1	58.5	64.3	63.9	82.5	60.9	71.7	93	48	57	57	55	57	57	84	83	46	56	67
September	29.25	30.01	29.70	28.39	59.6	57.9	72.4	66.8	56.0	55.0	61.7	60.2	76.9	57.2	67.0	90	41	54	53	55	56	54	82	84	56	69	73
October	29.27	30.04	29.70	28.70	49.2	47.9	59.2	53.3	47.4	46.6	52.3	49.9	62.4	46.4	54.4	78	32	46	45	46	47	46	88	91	64	79	80
November	29.17	29.95	29.62	28.52	38.9	37.5	44.4	40.8	37.1	35.8	40.2	38.1	48.3	37.1	42.7	71	26	35	34	35	35	35	84	86	71	79	80
December	29.24	30.03	29.76	28.53	33.6	32.5	37.4	34.5	32.0	31.0	34.4	32.6	40.3	31.3	35.8	63	18	29	29	30	30	29	84	85	75	81	81
Year	29.24	30.02	29.81	28.39	44.8	44.3	55.7	52.0	42.4	41.8	47.5	46.1	59.4	42.7	51.1	99	6	40	39	40	41	40	84	83	60	69	74

GREEN BAY, WIS.
[ϕ=44°31′ N.; λ=88°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.	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	29.48	30.19	29.87	28.92	19.9	20.4	24.4	23.0	18.6	19.1	22.4	21.7	26.8	15.0	20.9	36	−2	15	16	18	19	17	81	81	74	82	80
February	29.34	30.04	29.78	28.71	17.7	15.2	22.4	22.8	16.5	14.2	20.3	20.9	27.1	11.2	19.2	42	−11	13	11	15	16	14	81	84	70	74	77
March	29.40	30.10	29.78	28.76	24.5	21.0	29.4	29.3	22.5	19.7	25.8	26.3	33.8	18.0	25.9	48	−6	18	17	18	20	18	74	82	62	67	71
April	29.38	30.06	29.78	28.67	44.2	43.0	54.0	52.4	40.7	39.9	45.7	45.5	58.3	39.5	48.9	80	26	37	36	37	38	37	75	77	56	60	67
May	29.31	29.98	29.77	28.79	55.3	54.1	65.5	64.4	49.6	49.6	54.6	54.3	69.7	49.6	59.6	86	35	44	45	45	45	45	67	73	51	53	61
June	29.29	29.95	29.55	28.94	63.3	62.2	73.3	73.2	57.9	56.8	62.2	62.5	77.2	58.7	68.0	93	44	54	53	55	56	54	73	72	55	56	64
July	29.30	29.96	29.67	28.86	68.2	66.0	78.9	76.6	61.1	60.7	64.4	65.0	82.4	61.9	72.2	99	49	57	57	56	58	57	70	74	48	55	61
August	29.33	29.99	29.67	28.84	65.1	62.6	75.7	73.5	60.0	58.9	63.7	62.9	79.3	59.1	69.2	91	46	57	56	56	56	56	75	80	52	57	66
September	29.32	29.99	29.79	28.75	61.5	59.0	68.3	64.9	56.9	55.3	59.2	57.9	71.9	54.9	63.4	87	36	54	53	53	53	53	76	80	60	66	70
October	29.36	30.03	29.76	28.71	49.8	47.5	55.6	52.4	47.0	44.9	49.1	48.5	59.1	44.3	51.7	69	25	44	42	43	44	43	80	81	65	76	76
November	29.26	29.94	29.68	28.55	35.3	35.6	40.5	39.8	34.5	33.2	36.9	36.4	44.6	32.3	38.4	66	15	30	30	32	32	31	76	79	72	73	75
December	29.32	30.01	29.91	28.64	29.8	29.2	32.7	31.8	28.0	27.8	30.7	29.5	35.8	24.2	30.0	53	3	24	25	28	26	26	79	84	81	76	80
Year	29.34	30.02	29.91	28.55	44.6	43.0	51.7	50.3	41.1	40.0	44.6	44.3	55.5	39.1	47.3	99	−11	37	37	38	39	38	76	79	62	66	71

GREENSBORO, N. C.
[ϕ=36°05′ N.; λ=79°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.	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	29.19	30.17	29.58	28.82	33.9	31.6	44.1	38.6	32.1	30.2	38.2	35.6	47.1	28.5	37.8	64	16	29	28	29	31	29	82	85	69	74	75
February	29.03	30.00	29.33	28.45	30.9	26.9	43.7	37.7	27.5	24.6	35.4	31.9	47.5	24.4	36.0	61	14	21	20	22	22	21	66	74	42	52	58
March	29.07	30.03	29.37	28.56	36.6	34.0	50.8	45.6	33.0	31.4	40.6	38.2	54.2	30.2	42.2	70	16	27	26	26	28	27	69	75	41	51	59
April	29.14	30.08	29.45	28.62	53.6	52.7	69.6	63.8	48.9	48.8	55.0	53.9	72.7	47.9	60.3	89	36	45	45	42	46	45	74	77	42	56	62
May	29.10	30.03	29.47	28.77	60.9	61.5	78.8	72.3	54.3	54.9	60.6	59.3	81.9	58.7	67.8	96	35	49	50	47	50	49	67	68	36	48	54
June	29.08	30.00	29.33	28.66	76.3	68.5	81.1	76.3	64.6	65.5	68.5	68.1	84.5	62.4	74.0	98	51	63	64	62	64	63	87	86	54	68	74
July	29.08	30.00	29.25	28.86	62.4	72.6	83.4	78.3	70.4	70.6	74.0	72.8	86.9	60.2	78.0	96	64	70	70	70	71	70	92	91	65	78	82
August	29.09	30.02	29.40	28.80	69.9	70.1	85.5	78.9	67.1	67.1	71.5	70.4	88.4	65.5	77.0	96	64	66	66	65	66	66	87	86	51	67	73
September	29.20	30.13	29.46	28.91	65.5	64.1	82.2	73.3	62.4	62.1	67.5	66.0	85.5	60.2	72.8	95	47	61	61	60	62	61	85	89	48	69	73
October	29.22	30.16	29.55	28.92	58.3	55.8	76.5	68.1	54.2	53.4	61.2	58.2	78.8	52.0	65.4	94	30	51	51	50	52	51	77	86	41	62	66
November	29.17	30.13	29.55	28.56	41.3	37.3	61.4	49.2	36.1	35.2	48.1	42.6	63.5	33.3	48.4	74	20	34	32	33	35	34	75	83	38	60	64
December	29.17	30.13	29.56	28.58	39.4	36.4	51.9	44.1	36.5	34.3	43.2	39.8	54.5	32.5	43.5	70	18	32	31	32	34	33	76	82	49	69	59
Year	29.13	30.07	29.58	28.45	52.5	51.0	67.4	60.4	49.1	48.2	55.3	53.1	70.5	46.7	58.6	98	14	46	45	45	47	46	78	82	47	63	67

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Grand Rapids, 707 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

GRAND JUNCTION, COLO.

[H=4,587 ft.; H_b=4,602 ft.; H_t=60 ft.; H_r=53 ft.; H_a=68 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	0.64 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	0.77	0.40	7.2	6.6	5.1	SE.	18	SE.	0	7	7	17	12	5	15	12	0	3	2	1	0	2	0	0	31	0	0
February	.93	.29	T	6.2	4.9	SE.	28	NE.	0	5	12	11	10	5	5	1	0	5	4	3	0	1	0	0	13	0	0
March	1.70	.88	.9	5.7	6.0	N.	27	SW.	0	10	9	12	8	4	5	4	0	1	1	1	0	0	0	0	12	0	1
April	1.31	.31	.9	7.1	6.9	SE.	32	W.	1	2	11	17	12	8	4	3	1	1	1	1	0	0	0	0	3	0	2
May	1.03	.56	.0	6.0	7.0	SE.	33	S.	1	5	15	11	8	5	0	0	1	0	0	0	0	0	1	0	0	0	7
June	.78	.48	.0	4.5	7.2	SE.	25	S.	0	11	12	7	5	4	0	0	1	0	0	0	0	0	6	0	0	0	6
July	.35	.32	.0	3.9	6.7	SE.	33	SW.	1	11	18	2	3	1	0	0	0	0	0	0	0	0	20	4	0	0	11
August	1.51	.47	.0	5.2	6.3	SE.	31	SE.	0	5	21	5	11	10	0	0	0	0	0	0	0	0	10	6	0	0	11
September	2.90	1.87	.0	4.3	6.9	SE.	28	SW.	0	14	9	7	7	7	0	0	0	1	0	0	0	0	1	0	0	0	2
October	2.73	.79	.0	5.6	5.8	N.	29	S.	0	8	10	13	15	11	0	0	1	0	0	0	0	0	0	0	1	0	5
November	.26	.09	2.2	4.1	4.8	NW.	34	SW.	1	14	11	5	6	3	4	2	0	3	3	1	0	0	0	0	20	0	0
December	.49	.35	3.2	5.9	5.0	S.	30	S.	0	9	9	13	4	2	13	4	0	4	3	3	2	0	0	0	30	0	0
Year	14.76	1.87	14.4	5.4	6.0	SE.	34	SW.	4	101	144	120	101	65	46	26	4	18	14	10	2	3	38	10	110	0	45

GRAND RAPIDS, MICH.

Airport [H=675 ft.; H_b=669 ft.; H_t=5 ft.; H_r=3 ft.; H_a=48 ft.] City [H=638 ft.; H_b=707 ft.; H_t=70 ft.; H_r=70 ft.; H_a=244 ft.]

January	1.94	0.61	10.4	8.8	11.1	E.	34	SW.	1	1	4	26	15	9	24	11	0	4	1	0	0	18	0	0	30	0	0
February	.65	.24	9.9	7.5	11.5	W.	30	W.	0	3	6	19	11	4	18	9	0	4	1	1	1	18	0	0	27	0	0
March	2.08	1.29	10.1	5.8	10.3	N.	34	W.	1	8	10	13	8	6	15	7	0	3	0	0	0	6	0	0	30	0	0
April	1.59	0.61	T	4.7	12.4	E.	50	SW.	4	12	9	9	9	8	1	0	0	6	3	2	1	0	0	0	2	0	3
May	3.27	1.26	.0	4.3	10.8	SW.	37	SW.	2	15	7	9	11	10	0	0	0	2	0	0	0	0	0	0	0	0	5
June	2.72	0.78	.0	5.3	9.6	SW.	31	SW.	0	11	9	10	9	7	0	0	0	4	1	1	1	0	6	1	0	0	8
July	4.44	1.25	.0	4.3	8.7	SW.	29	SW.	0	13	13	5	10	7	0	0	0	2	0	0	0	0	7	6	0	0	10
August	3.19	1.49	.0	4.0	9.1	N.	40	SW.	2	18	5	8	7	6	0	0	0	3	0	0	0	0	7	0	0	0	5
September	5.63	2.21	.0	4.9	11.4	S.	42	SW.	9	10	11	9	9	7	0	0	0	3	1	1	1	0	0	0	0	0	3
October	6.47	1.23	.0	6.7	10.8	S.	44	SW.	5	5	9	17	17	16	0	0	0	20	4	2	2	0	0	0	1	0	3
November	3.18	1.15	5.4	6.9	13.5	SW.	36	SW.	4	6	8	16	13	10	9	7	0	13	4	0	0	0	0	0	8	0	0
December	1.45	0.70	5.4	8.5	11.7	S.	46	SW.	3	1	7	23	10	7	16	7	0	18	4	5	3	7	0	0	20	0	0
Year	36.61	2.21	41.2	6.0	10.9	SW.	50	SW.	31	103	98	164	129	97	83	41	0	82	19	12	9	49	20	7	118	0	37

GREEN BAY, WIS.

[H=589 ft.; H_b=617 ft.; H_t=109 ft.; H_r=101 ft.; H_a=141 ft.]

January	1.70	0.70	11.3	8.1	10.7	SW.	27	NE.	0	5	4	22	8	6	25	6	0	8	2	0	0	23	0	0	31	2	0
February	.67	.19	8.7	7.1	11.1	W.	27	W.	0	5	6	17	8	7	17	7	0	3	3	1	1	19	0	0	27	5	0
March	1.34	.52	11.9	7.0	10.4	N.	35	NE.	3	7	4	20	6	5	13	5	0	5	3	1	1	9	0	0	31	2	0
April	2.31	1.07	T	6.2	10.9	N.	32	S.	2	8	8	14	9	7	1	0	0	7	1	0	0	0	0	0	5	0	4
May	3.77	1.25	.0	5.6	10.7	S.	33	SE.	1	10	8	13	11	9	0	0	0	3	1	0	0	0	0	0	0	0	8
June	1.47	.76	.0	6.3	10.1	S.	26	NW.	0	7	7	16	6	5	0	0	0	3	1	0	0	0	3	0	0	0	3
July	1.14	.80	.0	6.2	9.3	S.	29	SW.	0	7	10	14	6	4	0	0	0	0	0	0	0	0	8	2	0	0	5
August	4.08	1.55	.0	6.1	9.0	S.	34	NW.	1	7	9	15	12	11	0	0	0	3	3	0	3	0	3	0	0	0	10
September	4.08	1.08	.0	6.8	10.8	S.	32	SE.	1	4	12	14	9	9	0	0	0	8	1	0	2	0	0	0	0	0	3
October	3.39	.88	T	6.8	10.2	S.	38	NW.	2	8	6	17	18	14	1	0	0	17	8	0	0	0	0	0	3	0	2
November	1.02	.37	4.8	7.1	12.3	SW.	31	NE.	0	6	6	18	6	3	10	2	0	5	3	1	1	1	0	0	14	0	1
December	1.45	.50	9.5	8.0	11.8	S.	33	NW.	1	6	1	24	13	7	16	9	0	12	5	3	2	11	0	0	25	0	0
Year	26.42	1.55	46.2	6.8	10.6	S.	38	NW.	11	80	81	204	112	87	83	29	0	74	31	6	10	63	14	2	136	9	36

GREENSBORO, N. C.

[H=891 ft.; H_b=886 ft.; H_t=6 ft.; H_r=3 ft.; H_a=56 ft.]

January	2.11	1.01	T	6.0	7.5	N.	25	SW.	0	8	9	14	6	5	1	0	0	13	6	7	7	0	0	0	21	0	0
February	.84	.74	2.0	4.8	8.6	NW.	31	W.	0	10	11	7	3	2	3	1	0	6	2	2	2	0	0	0	26	0	0
March	3.52	1.21	T	5.3	10.0	SW.	34	NW.	1	9	13	9	10	9	3	1	0	12	2	2	2	0	0	0	19	0	1
April	2.60	1.24	.0	5.1	7.6	SW.	27	SW.	0	12	9	9	6	5	0	0	0	9	5	2	1	0	0	0	0	0	2
May	1.42	.87	.0	3.8	8.0	SW.	26	W.	0	15	12	4	5	3	0	0	0	3	1	1	1	0	8	5	0	0	4
June	5.23	2.26	.0	7.2	7.0	SW.	30	NE.	0	3	12	15	14	10	0	0	0	17	5	3	1	0	5	0	0	0	9
July	4.61	1.02	.0	7.5	7.1	SW.	25	N.	0	0	14	17	14	12	0	0	0	20	0	1	1	0	10	1	0	0	13
August	1.77	.86	.0	5.2	6.7	SW.	28	NW.	0	11	11	9	6	5	0	0	0	12	1	1	1	0	14	2	0	0	5
September	1.54	.89	.0	4.2	7.0	NE.	31	NW.	0	16	8	6	6	5	0	0	0	10	1	2	1	0	9	2	0	0	5
October	.44	.31	.0	5.5	7.3	SW.	25	NW.	0	10	8	13	3	3	0	0	0	7	1	2	1	0	3	0	1	0	0
November	.64	.33	.0	4.1	6.9	SW.	24	SW.	0	15	5	10	6	2	0	0	0	8	1	2	1	0	0	0	16	0	0
December	3.02	1.39	.0	5.3	7.6	SW.	38	SE.	1	12	8	11	7	5	0	0	0	12	5	2	3	0	0	0	20	0	0
Year	27.74	2.26	2.0	5.3	7.6	SW.	38	SE.	2	121	120	124	86	66	7	2	0	124	30	28	22	0	49	10	103	0	39

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

GREENVILLE, S. C.
[ϕ=34°50′ N.; λ=82°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	29.03	30.16	29.41	28.67	----	37.1	----	----	----	34.2	----	----	52.4	34.5	43.4	67	22	----	30	----	----	----	----	73	----	----	----
February	28.87	29.99	29.17	28.37	----	33.4	----	----	----	29.7	----	----	51.0	31.0	41.0	60	22	----	23	----	----	----	----	64	----	----	----
March	28.92	30.03	29.22	28.44	----	38.8	----	----	----	34.7	----	----	56.7	36.5	46.6	70	23	----	28	----	----	----	----	66	----	----	----
April	28.98	30.08	29.29	28.49	----	55.9	----	----	----	50.1	----	----	73.4	53.4	63.4	87	46	----	45	----	----	----	----	68	----	----	----
May	28.96	30.04	29.26	28.67	----	64.9	----	----	----	57.1	----	----	84.1	60.8	72.4	98	47	----	51	----	----	----	----	63	----	----	----
June	28.90	30.00	29.17	28.57	----	70.9	----	----	----	66.3	----	----	86.3	67.5	76.9	96	60	----	64	----	----	----	----	79	----	----	----
July	28.93	30.00	29.10	28.73	----	73.5	----	----	----	70.8	----	----	88.3	69.9	79.1	99	63	----	70	----	----	----	----	88	----	----	----
August	28.94	30.01	29.23	28.75	----	73.0	----	----	----	69.5	----	----	88.6	69.8	79.2	96	61	----	68	----	----	----	----	85	----	----	----
September	29.03	30.11	29.24	28.78	----	68.1	----	----	----	63.7	----	----	86.6	65.2	75.9	98	55	----	61	----	----	----	----	79	----	----	----
October	29.05	30.14	29.35	28.75	----	61.0	----	----	----	56.7	----	----	79.2	59.2	69.2	94	46	----	53	----	----	----	----	76	----	----	----
November	29.00	30.12	29.38	28.47	----	44.2	----	----	----	40.7	----	----	63.6	41.6	52.6	78	29	----	36	----	----	----	----	75	----	----	----
December	28.99	30.11	29.35	28.48	----	40.4	----	----	----	37.3	----	----	56.4	37.6	47.0	70	25	----	33	----	----	----	----	75	----	----	----
Year	28.97	30.07	29.41	28.37	----	55.1	----	----	----	50.9	----	----	72.2	52.2	62.2	99	22	----	47	----	----	----	----	74	----	----	----

HARRISBURG, PA.
Airport [ϕ=40°13′ N.; λ=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.	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	29.74	30.16	30.20	29.20	28.2	26.5	32.6	30.2	26.1	24.6	28.9	27.5	36.0	23.4	29.7	46	14	22	21	22	22	22	75	77	64	71	72
February	29.54	29.96	29.90	28.89	26.6	24.2	33.6	30.5	23.8	22.0	28.8	27.2	36.6	22.3	29.4	48	14	17	16	19	20	18	66	71	54	64	64
March	29.58	29.99	30.02	29.01	32.5	30.8	40.0	37.5	28.7	27.3	33.3	32.3	45.1	27.0	36.0	60	13	21	20	22	23	21	62	63	48	56	57
April	29.67	30.07	29.98	29.20	51.0	50.0	66.9	62.6	45.6	44.7	52.7	51.6	71.2	45.2	58.2	92	32	40	39	39	41	40	66	66	39	48	55
May	29.56	29.96	29.94	29.18	58.5	59.9	74.4	67.8	51.7	52.6	58.0	57.0	78.2	52.5	65.4	96	38	45	46	44	48	46	62	61	36	51	53
June	29.57	29.97	29.84	29.16	64.7	66.2	78.3	74.4	61.0	61.5	65.1	65.2	82.0	61.2	71.6	95	53	58	58	57	60	58	81	77	52	63	68
July	29.57	29.96	29.80	29.27	70.0	71.3	83.9	78.8	66.2	66.9	69.9	69.2	86.7	65.5	76.1	99	55	64	65	63	64	64	82	80	51	62	69
August	29.58	29.97	29.95	29.28	66.3	66.7	82.1	76.1	61.4	61.4	66.1	65.1	84.9	60.8	72.8	95	49	58	58	56	58	58	76	74	44	56	62
September	29.71	30.11	30.00	29.30	62.8	62.0	79.1	71.2	57.7	57.2	63.7	61.3	82.3	56.2	69.2	96	44	54	54	53	54	54	74	75	42	57	62
October	29.70	30.11	30.16	29.32	56.0	53.7	67.3	60.9	51.4	49.8	56.0	53.4	70.6	49.0	59.8	97	32	47	46	46	47	46	74	76	50	61	65
November	29.66	30.07	30.08	28.94	41.9	38.6	53.8	47.2	38.1	35.7	44.9	41.6	57.1	35.9	46.5	70	23	33	32	34	34	33	71	77	49	61	64
December	29.69	30.10	30.15	28.89	35.5	34.5	40.6	37.8	33.1	32.0	35.4	34.4	44.4	30.5	37.4	61	18	29	28	28	28	28	76	76	60	69	70
Year	29.63	30.04	30.20	28.89	49.5	48.7	61.0	56.2	45.4	44.6	50.2	48.8	64.6	44.1	54.3	99	13	41	40	40	42	41	72	73	49	60	63

HARTFORD, CONN.
Airport [ϕ=41°44′ N.; λ=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.	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	29.93	30.12	30.41	29.33	21.8	20.0	29.0	25.6	20.3	18.6	25.3	23.3	31.3	15.7	23.5	45	0	16	14	16	17	16	77	78	58	69	70
February	29.68	29.86	30.18	28.69	24.9	21.9	33.9	29.1	22.7	20.0	28.7	26.1	36.6	19.4	28.0	50	6	17	15	18	19	17	72	73	51	64	65
March	29.72	29.90	30.31	29.18	28.4	27.2	37.8	33.5	25.9	25.1	31.8	29.3	41.0	22.3	31.6	55	5	21	21	21	21	21	72	75	51	60	65
April	29.89	30.06	30.29	29.48	44.2	45.9	63.9	55.0	40.6	41.7	50.3	46.6	66.0	39.4	52.7	88	26	36	37	36	37	37	75	72	37	54	59
May	29.73	29.90	30.04	29.25	51.7	55.5	70.5	61.9	48.2	51.0	56.8	53.3	73.0	46.1	59.6	91	32	45	47	45	45	45	78	74	43	57	63
June	29.77	29.94	30.04	29.45	61.5	64.7	76.5	70.2	58.6	59.7	64.7	63.0	78.8	57.6	68.2	94	44	56	56	58	58	57	84	75	55	68	71
July	29.78	29.95	30.07	29.43	66.5	68.8	80.5	73.6	64.6	65.2	69.2	67.9	82.3	63.1	72.7	95	53	64	63	63	65	64	90	83	58	76	77
August	29.76	29.93	30.19	29.34	62.4	65.0	78.9	70.9	60.6	61.2	65.3	63.6	80.8	57.4	69.1	91	44	59	59	57	59	58	90	80	49	67	72
September	29.92	30.09	30.26	29.42	57.5	57.3	75.5	65.8	54.9	54.4	62.1	58.9	78.1	50.6	64.4	92	32	53	52	53	54	53	86	84	46	66	71
October	29.89	30.06	30.45	29.36	50.7	50.7	63.8	55.0	48.1	48.2	53.9	50.2	66.0	43.4	54.7	88	29	46	45	44	45	45	83	83	59	71	72
November	29.84	30.02	30.36	29.23	40.6	38.7	53.7	45.0	38.4	36.9	45.2	41.0	56.1	34.2	45.2	71	21	36	34	35	36	35	82	85	51	71	72
December	29.86	30.05	30.46	29.17	30.8	29.6	39.7	34.3	28.8	27.8	34.5	31.3	41.6	24.9	33.2	61	8	24	24	26	26	25	77	79	57	70	71
Year	29.81	29.99	30.46	28.69	45.1	45.4	58.6	51.7	42.6	42.5	49.0	46.2	61.0	39.5	50.2	95	0	39	39	39	40	39	80	78	51	66	69

HATTERAS, N. C.
[ϕ=35°15′ N.; λ=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.	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	30.11	30.12	30.52	29.66	43.6	42.5	47.7	44.3	42.0	40.9	44.3	42.0	50.6	39.4	45.0	64	29	40	39	40	39	40	87	86	78	82	83
February	29.93	29.94	30.25	29.25	40.2	39.0	44.3	41.1	37.6	36.4	39.5	38.2	46.9	35.6	41.2	66	27	34	32	33	34	33	79	77	65	77	75
March	29.99	30.00	30.34	29.41	44.0	43.4	50.2	46.3	41.4	40.6	45.1	42.7	52.3	39.5	45.9	64	26	38	37	39	38	38	80	78	67	74	75
April	30.06	30.07	30.38	29.52	55.8	58.1	64.6	56.9	54.0	55.3	58.6	54.3	66.5	52.0	59.2	78	43	52	53	54	52	53	89	84	71	85	82
May	30.00	30.01	30.40	29.62	62.3	65.5	71.2	64.4	59.6	60.6	63.6	60.6	73.0	60.0	66.5	84	47	58	57	58	58	58	85	76	68	80	77
June	30.00	30.01	30.26	29.56	71.6	73.9	77.7	73.2	69.6	70.4	71.4	70.0	79.3	69.3	74.3	84	59	69	69	68	68	69	90	84	74	85	83
July	30.00	30.01	30.20	29.76	76.3	78.9	82.2	77.9	74.5	75.5	76.8	75.2	84.0	74.5	79.2	91	70	74	74	75	74	74	92	86	78	88	86
August	30.00	30.00	30.28	29.68	74.8	77.5	81.2	76.1	71.9	73.1	74.5	72.1	82.7	71.8	77.2	89	65	71	71	72	70	71	87	81	74	83	81
September	30.08	30.09	30.34	29.70	73.1	75.2	80.6	74.5	70.7	72.1	73.1	71.4	82.2	71.1	76.6	89	65	69	71	70	70	70	89	86	71	86	83
October	30.12	30.13	30.41	29.78	68.2	68.4	75.1	69.4	64.8	65.1	67.2	65.2	76.8	64.3	70.6	86	51	63	63	63	63	63	83	83	66	80	78
November	30.08	30.09	30.47	29.86	57.9	55.8	62.9	57.5	54.7	53.4	55.4	54.3	64.8	52.5	58.6	79	38	52	51	51	51	51	81	86	66	81	78
December	30.09	30.10	30.48	29.56	50.2	49.3	56.1	51.1	48.0	47.3	51.9	48.6	58.2	45.5	51.8	75	33	46	45	48	46	46	84	86	76	83	82
Year	30.04	30.05	30.52	29.25	5.98	60.6	66.2	61.1	57.4	57.6	60.2	57.9	68.1	56.3	62.2	91	26	56	55	56	55	56	86	83	71	82	80

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Harrisburg, 374 feet; Hartford, 159 feet.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

GREENVILLE, S. C.

[H=970 ft.; H_b=1,040 ft.; H_t=70 ft.; H_r=69 ft.; H_a=78 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	0.84 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	1.69	0.46	0.0	5.1	6.7	NE.	25	SW.	0	14	5	12	9	7	0	0	0	10	6	2	2	0	0	0	12	0	0
February	.85	.62	T	4.4	7.0	NE.	26	SW.	0	14	6	8	4	3	1	0	0	1	0	0	0	0	0	0	17	0	0
March	4.66	1.35	T	5.9	8.2	SW.	30	NW.	0	10	7	14	11	9	1	1	0	6	0	0	0	0	0	0	7	0	2
April	2.24	1.68	0	4.9	7.1	NE.	24	SW.	0	13	7	10	7	7	0	0	0	6	2	1	0	0	0	0	0	0	2
May	.78	.74	0	3.4	7.1	SW.	23	SW.	0	19	8	4	3	1	0	0	0	2	1	0	0	0	8	5	0	0	0
June	2.66	.95	.0	6.0	6.3	SW.	26	SW.	0	5	16	9	11	7	0	0	0	5	0	0	0	0	7	1	0	0	9
July	7.44	2.69	.0	6.3	5.9	SW.	36	N.	1	7	13	11	15	14	0	0	0	8	2	0	0	0	14	3	0	0	17
August	3.85	1.05	.0	5.6	5.5	NE.	24	SW.	0	6	19	6	16	13	0	0	0	6	1	0	0	0	15	3	0	0	12
September	1.38	.72	.0	3.3	5.7	NE.	20	SW.	0	21	5	4	5	5	0	0	0	3	0	0	0	0	10	2	0	0	4
October	1.07	.78	.0	4.5	6.4	NE.	20	SW.	0	16	7	8	4	3	0	0	0	2	1	1	0	0	3	0	0	0	0
November	1.31	.56	.0	3.1	6.4	SW.	26	SW.	0	18	8	4	7	6	0	0	0	2	1	1	0	0	0	0	5	0	0
December	5.15	1.99	T	4.8	8.4	NE.	27	NE.	0	13	8	10	7	5	1	0	0	6	1	1	0	0	0	0	7	0	1
Year	33.08	2.69	T	4.8	6.7	NE.	36	N.	1	156	109	100	99	80	3	1	0	57	15	6	2	0	57	14	48	0	47

HARRISBURG, PA.

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

January	2.38	0.78	10.3	7.2	8.3	NW.	26	NW.	0	7	4	20	11	8	13	7	0	14	4	3	3	6	0	0	28	0	1
February	.83	.34	2.2	5.7	10.2	NW.	26	N.	0	8	9	11	5	4	8	2	0	8	2	2	1	4	0	0	27	0	0
March	2.10	.99	16.6	6.0	9.8	NW.	35	NW.	1	9	8	14	7	5	9	5	0	7	3	3	0	2	0	0	25	0	0
April	1.76	1.24	.0	4.5	7.9	W.	31	S.	0	14	5	11	7	7	0	0	0	7	0	0	0	0	2	0	1	0	1
May	1.93	.77	.0	5.5	7.9	W.	26	N.	0	9	13	9	10	8	0	0	1	4	0	0	0	0	6	2	0	0	5
June	3.47	1.18	.0	5.9	6.8	W.	23	E.	0	9	10	11	13	9	0	0	0	12	1	1	1	0	8	0	0	0	4
July	2.80	1.57	.0	6.9	6.9	W.	32	SW.	1	5	8	18	8	7	0	0	0	13	0	0	0	0	10	4	0	0	6
August	2.63	.94	.0	4.5	7.0	W.	25	N.	0	11	13	7	8	6	0	0	0	8	1	1	0	0	8	1	0	0	5
September	.72	.35	.0	4.1	6.8	W.	26	S.	0	14	10	6	3	3	0	0	0	10	0	0	0	0	5	2	0	0	2
October	1.49	1.01	.0	6.4	7.4	NW.	34	S.	1	7	9	15	10	7	0	0	0	14	1	0	0	0	3	2	0	0	0
November	1.92	.79	T	5.5	6.7	W.	28	NW.	0	11	6	13	4	3	2	0	0	8	4	1	1	0	0	0	11	0	1
December	3.49	1.65	.4	7.3	8.5	NW.	34	SE.	1	4	10	17	9	7	10	1	0	13	8	7	6	2	0	0	19	0	0
Year	25.52	1.65	29.5	5.8	7.8	W.	35	NW.	4	108	105	152	95	74	42	15	1	118	24	18	12	14	42	11	111	0	25

HARTFORD, CONN.

Airport [H=15 ft.; H_b=21 ft.; H_t=5 ft.; H_r=3 ft.; H_a=44 ft.]

January	1.95	0.68	10.3	6.6	9.7	N.	27	NW.	0	8	5	18	10	8	15	7	0	12	2	2	2	20	0	0	30	0	0
February	2.19	1.90	1.9	5.2	10.9	N.	32	NW.	1	11	7	10	6	4	9	4	0	12	3	4	1	7	0	0	27	0	0
March	2.10	1.19	18.7	5.7	11.3	N.	40	NW.	2	12	4	15	10	7	11	6	0	9	4	3	3	3	0	0	28	0	0
April	1.04	.48	.0	5.5	10.3	N.	28	NE.	0	12	5	13	6	3	0	0	0	11	2	1	1	0	0	0	7	0	2
May	3.14	1.61	.0	5.8	8.6	S.	34	N.	2	6	15	10	8	7	0	0	1	15	4	4	4	0	1	0	0	0	7
June	4.00	2.12	.0	5.3	8.5	S.	26	N.	0	12	7	11	9	8	0	0	1	15	5	4	2	0	5	0	0	0	6
July	6.53	2.44	.0	6.9	7.4	SW.	33	SW.	1	4	12	15	12	11	0	0	1	23	8	4	1	0	4	0	0	0	8
August	3.27	1.35	.0	5.1	7.7	S.	26	SW.	0	10	11	10	8	7	0	0	0	19	6	5	5	0	2	0	0	0	5
September	.70	.43	.0	4.1	8.0	SW.	28	N.	0	16	9	5	2	2	0	0	0	20	11	10	9	0	2	0	0	0	2
October	1.95	.70	.0	6.1	8.5	SW.	34	NW.	1	7	12	12	11	7	0	0	0	16	6	5	2	0	0	0	3	0	1
November	3.05	1.82	T	5.4	8.2	SW.	28	N.	0	9	13	8	7	5	2	0	0	14	3	3	1	0	0	0	16	0	0
December	3.08	1.85	1.0	6.0	9.3	N.	40	S.	4	5	13	13	8	7	8	2	0	9	6	5	5	6	0	0	24	0	0
Year	33.00	2.44	31.9	5.6	9.0	N.	40	S.	11	112	113	140	97	76	45	19	3	175	60	50	36	36	14	0	135	0	31

HATTERAS, N. C.

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

January	2.73	1.52	0.0	5.7	13.6	N.	36	W.	4	10	7	14	7	5	0	0	0	6	5	4	4	0	0	0	3	0	1
February	4.30	1.49	T	5.6	15.2	N.	45	NW.	6	12	5	11	9	6	2	0	0	1	1	1	0	0	0	0	6	0	1
March	4.21	2.28	T	5.2	14.9	N.	36	NW.	9	10	11	10	7	7	1	0	0	1	0	0	1	0	0	0	6	0	2
April	2.46	.91	.0	4.7	12.4	NE.	43	NW.	4	14	7	9	5	5	0	0	0	6	1	2	2	0	0	0	0	0	2
May	1.89	1.11	.0	4.3	12.7	SW.	49	NW.	3	17	10	4	6	4	0	0	0	2	1	1	1	0	0	0	0	0	2
June	2.43	.65	.0	5.8	11.6	SW.	35	NW.	1	6	14	10	10	6	0	0	0	1	0	0	0	0	0	0	0	0	9
July	4.13	1.82	.0	5.5	11.2	SW.	29	SW.	0	10	9	12	10	7	0	0	0	0	0	0	0	0	2	0	0	0	10
August	8.59	3.03	.0	3.9	10.5	SW.	33	W.	1	17	8	6	11	8	0	0	0	0	0	0	0	0	0	0	0	0	10
September	1.07	.80	.0	4.4	12.2	NE.	34	N.	2	15	9	6	5	4	0	0	0	2	0	0	0	0	0	0	0	0	4
October	.63	.63	.0	4.2	11.7	SW.	31	NW.	0	14	10	7	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
November	3.24	1.17	.0	4.2	11.4	N.	31	N.	0	16	4	10	9	7	0	0	0	0	2	0	0	0	0	0	0	0	1
December	8.82	3.65	.0	5.3	13.4	N.	34	N.	2	12	7	12	11	9	0	0	0	6	0	0	1	0	0	0	0	0	1
Year	44.50	3.65	T	4.9	12.6	SW.	49	NW.	32	153	101	111	92	70	3	0	0	25	10	8	9	0	2	0	15	0	43

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

HAVRE, MONT.
[ϕ=48°34′ N.; λ=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
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	27.42	30.17	27.76	26.98	18.1	15.1	23.2	24.2	16.3	13.8	19.9	21.2	30.5	10.0	20.2	59	−13	13	11	14	16	13	80	84	68	71	76
February	27.40	30.14	27.74	26.83	19.9	16.7	26.4	29.4	18.5	15.4	22.8	25.3	34.6	12.1	23.4	54	−14	15	12	16	18	16	81	82	65	62	73
March	27.43	30.13	27.92	26.97	29.1	24.9	37.1	40.7	26.8	23.4	31.9	33.3	44.9	21.4	33.2	66	−1	24	21	24	23	23	79	83	60	52	68
April	27.31	29.95	27.62	26.86	42.1	35.9	52.0	57.1	37.7	34.1	42.6	44.5	59.3	33.7	46.5	76	25	32	31	32	31	32	69	83	50	40	60
May	27.26	29.86	27.86	26.81	53.2	46.1	64.0	68.0	46.0	41.8	50.2	51.3	71.1	44.5	57.8	93	29	39	37	37	35	37	60	72	40	33	51
June	27.30	29.89	27.56	26.86	60.3	54.1	70.6	74.1	53.2	50.5	57.0	57.5	76.9	52.7	64.8	105	44	48	47	47	45	47	67	80	47	41	59
July	27.36	29.93	27.59	27.10	68.0	60.5	80.8	84.7	58.6	55.6	62.6	63.0	87.7	59.2	73.4	101	51	52	52	52	49	51	60	76	38	32	51
August	27.37	29.96	27.59	27.07	64.0	57.5	75.1	79.2	55.4	52.5	60.0	60.0	82.3	55.5	68.9	98	43	49	49	50	47	49	61	74	44	36	54
September	27.28	29.90	27.65	26.96	49.0	43.9	57.6	60.1	44.8	41.4	47.9	48.9	64.2	41.2	52.7	80	30	41	39	39	39	40	75	84	54	49	65
October	27.36	30.02	27.74	27.00	41.4	36.2	52.6	53.7	36.9	33.1	43.0	43.3	60.0	32.4	46.2	75	9	31	29	32	32	31	69	77	49	46	60
November	27.33	30.01	27.80	26.87	34.1	32.5	40.6	40.6	30.6	29.3	34.5	35.1	48.2	25.1	36.6	70	−9	26	25	27	28	26	72	73	60	63	67
December	27.28	30.00	27.86	26.53	22.4	20.5	28.1	26.6	19.7	18.0	23.1	22.4	34.9	13.0	24.0	66	−26	15	14	16	16	15	72	74	62	64	68
Year	27.34	30.00	27.92	26.53	41.8	37.0	50.7	53.2	37.0	34.1	41.3	42.2	57.9	33.4	45.6	105	−26	32	31	32	32	32	70	78	53	49	63

HELENA, MONT.
Airport [ϕ=46°36′ N.; λ=112°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
	(1)		(1)	(1)																							
January	25.83	30.21	26.15	25.42	21.5	17.7	24.2	26.9	19.7	16.9	22.2	24.1	32.9	12.2	22.6	44	−4	16	15	19	19	17	79	88	78	72	79
February	25.78	30.12	26.09	25.20	24.7	20.0	29.0	37.1	22.8	18.8	25.8	31.0	40.3	15.3	27.8	60	2	19	16	21	23	20	78	85	70	56	72
March	25.81	30.09	26.17	25.40	32.9	28.5	40.5	45.3	29.4	26.0	34.1	36.4	49.5	23.6	36.6	67	6	24	22	26	26	24	69	76	55	47	62
April	25.74	29.97	26.02	25.39	40.9	34.7	48.8	52.3	36.7	32.6	41.2	42.6	55.8	32.6	44.2	74	18	32	30	33	33	32	71	82	57	52	65
May	25.74	29.91	26.23	25.31	50.0	43.9	60.3	63.0	44.0	40.0	48.9	50.1	67.9	41.2	54.6	85	32	38	36	39	39	38	65	74	48	46	58
June	25.77	29.91	26.07	25.39	56.7	50.7	66.4	70.7	51.2	47.6	55.1	56.0	74.5	48.8	61.6	98	37	47	45	47	46	46	73	82	52	46	63
July	25.86	29.98	26.06	25.63	63.4	56.1	76.3	80.2	55.2	51.9	60.6	60.6	84.0	54.5	69.2	98	47	50	49	51	48	50	64	79	44	36	55
August	25.84	29.96	26.05	25.64	62.7	54.4	72.1	77.1	53.8	49.9	58.1	58.7	81.0	53.1	67.0	95	42	48	46	50	47	48	66	76	46	37	55
September	25.76	29.95	26.09	25.46	46.8	42.3	53.5	58.4	42.5	39.6	45.7	47.5	62.0	38.9	50.4	81	29	39	37	39	38	38	75	82	60	50	67
October	25.84	30.09	26.15	25.53	38.8	34.5	46.1	50.6	35.2	31.9	39.6	42.1	55.4	29.5	42.4	68	13	31	29	33	34	32	74	81	61	54	67
November	25.84	30.14	26.23	25.44	33.6	29.2	37.4	39.7	30.2	27.1	32.8	34.3	47.1	24.0	35.6	61	−4	26	24	27	28	26	73	82	67	64	71
December	25.71	30.06	26.08	25.08	23.2	22.6	26.9	26.0	21.1	20.2	23.3	22.8	34.4	14.6	24.5	59	−29	18	17	18	18	18	80	79	71	72	76
Year	25.79	30.03	26.23	25.08	41.3	36.2	48.5	52.3	36.8	33.5	40.6	42.2	57.1	32.4	44.7	98	−29	32	30	34	33	32	72	80	59	53	66

HONOLULU, T. H.
[ϕ=21°19′ N.; λ=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	29.95	29.99	30.10	29.80	----	71.6	76.3	72.4	----	65.6	67.4	65.9	78.0	68.3	73.2	82	63	----	62	62	62	62	----	73	63	71	69
February	29.98	30.02	30.22	29.82	----	69.9	74.6	70.3	----	62.8	64.4	62.9	76.0	66.2	71.1	80	60	----	58	58	58	58	----	68	57	66	64
March	30.05	30.09	30.22	29.87	----	71.2	74.5	71.0	----	63.6	64.9	63.7	75.9	67.8	71.8	80	65	----	59	60	59	59	----	66	60	67	64
April	30.01	30.05	30.21	29.85	----	74.7	77.6	73.4	----	66.4	67.0	66.2	79.3	70.1	74.7	82	67	----	62	62	62	62	----	65	59	68	64
May	29.96	30.00	30.08	29.85	----	74.9	77.9	73.3	----	67.1	68.1	66.7	79.2	70.3	74.8	82	67	----	63	63	63	63	----	67	61	71	66
June	30.00	30.04	30.08	29.89	----	77.3	80.6	76.6	----	70.0	71.0	69.7	82.1	73.1	77.6	85	69	----	66	66	66	66	----	70	62	71	68
July	29.95	29.99	30.04	29.83	----	78.2	81.7	77.5	----	70.3	71.4	70.2	83.1	74.2	78.6	86	72	----	66	65	67	66	----	68	60	70	66
August	29.92	29.96	30.03	29.82	----	79.4	82.6	78.7	----	71.7	72.6	71.8	84.1	75.1	79.6	87	71	----	68	68	69	68	----	69	62	72	68
September	29.86	29.90	30.00	29.75	----	79.5	82.8	78.7	----	72.1	72.7	71.7	84.5	75.4	80.0	88	72	----	69	68	68	68	----	70	62	71	68
October	29.91	29.95	30.09	29.75	----	77.5	79.9	77.2	----	70.8	71.4	70.9	81.8	73.7	77.8	86	69	----	68	67	68	68	----	72	66	74	71
November [2]	29.90	29.94	30.06	29.80	----	74.1	78.7	75.0	----	67.5	69.5	68.4	80.0	71.4	75.7	84	65	----	64	65	65	64	----	71	63	71	70
December	30.00	30.04	30.17	29.80	----	71.0	75.2	72.7	----	64.7	66.2	65.4	76.9	68.9	72.9	80	61	----	61	61	61	61	----	72	62	68	68
Year	29.96	30.00	30.22	29.75	----	74.9	78.5	74.7	----	67.7	68.9	67.8	80.1	71.2	75.6	88	60	----	64	64	64	64	----	69	61	70	67

HOUSTON, TEX.
Airport [ϕ=29°39′ N.; λ=95°17′ W.] City [ϕ=29°47′ N.; λ=95°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	(1 3) 30.00	(3) 30.16	(1 3) 30.46	(1 3) 29.43	(3) 53.2	(3) 50.4	(3) 61.0	(3) 58.3	(3) 50.8	(3) 48.1	(3) 54.1	(3) 53.7	64.4	49.7	57.0	(3) 76	(3) 32	(3) 48	(3) 46	(3) 48	(3) 50	(3) 48	(3) 84	(3) 84	(3) 63	(3) 74	(3) 76
February	29.92	30.08	30.26	29.50	49.7	46.7	56.8	55.7	47.4	45.2	49.8	49.7	60.5	46.3	53.4	73	33	45	43	42	44	44	84	89	62	66	75
March	29.90	30.06	30.25	29.50	53.6	50.9	60.5	59.2	50.8	48.8	53.2	52.9	64.8	50.1	57.4	83	34	48	46	47	47	47	82	85	63	67	74
April	29.79	29.94	30.10	29.46	65.7	63.5	74.2	71.0	62.4	61.4	64.9	64.5	77.1	63.2	70.2	84	55	60	60	59	60	60	84	89	63	72	77
May	29.83	29.97	30.01	24.43	69.8	68.2	81.1	78.1	68.0	66.9	70.5	70.6	84.5	68.6	76.6	92	62	67	66	65	67	66	91	94	60	70	78
June	29.81	29.95	29.97	29.62	75.7	74.9	85.3	83.1	73.8	73.0	75.5	75.5	88.6	73.7	81.2	93	68	73	72	71	72	72	91	92	64	71	80
July	29.83	29.97	30.00	29.66	77.9	76.5	87.8	85.9	76.1	75.2	76.8	77.0	92.1	76.3	84.2	96	73	75	75	72	74	74	92	94	62	68	79
August	29.84	29.98	29.98	29.69	77.2	75.3	88.4	86.4	75.7	74.4	77.2	77.5	92.9	76.3	84.6	98	70	75	74	73	74	74	93	96	61	68	80
September	29.77	29.92	30.03	28.51	75.3	73.5	83.9	80.3	73.6	72.3	75.7	75.8	87.5	73.3	80.4	93	66	73	72	72	74	73	93	94	69	82	83
October	29.86	30.00	30.07	29.61	71.3	69.3	79.8	75.0	70.0	68.4	72.0	71.6	82.9	68.5	75.7	90	49	69	68	68	70	69	94	96	69	85	86
November	29.97	30.13	30.42	29.63	53.2	49.7	65.5	59.4	51.2	48.2	55.6	54.4	69.0	50.7	59.8	83	36	49	47	47	50	48	87	90	54	72	76
December	29.93	30.08	30.34	29.40	53.4	51.0	61.0	57.9	51.0	49.1	54.0	53.1	64.3	50.8	57.6	78	37	48	47	47	48	48	84	87	64	73	77
Year	29.87	30.02	30.46	28.51	64.7	62.5	73.8	70.9	62.6	60.9	64.9	64.7	77.4	62.3	69.8	98	32	61	60	59	61	60	88	91	63	72	79

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Helena, 4,124 feet; Houston, 138 feet.
[2] Observations at 8 a.m. and 8 p.m., prior to November 1.
[3] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

HAVRE, MONT.

[H=2,488 ft.; H_b=2,507 ft.; H_t=11 ft.; H_r=3 ft.; H_a=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: 0.84 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	0.37	0.16	5.8	6.6	7.7	E.	25	SW.	0	6	12	13	7	2	16	7	0	1	1	1	1	17	0	0	30	9	0
February	.18	.15	3.0	5.4	8.0	E.	24	SW.	0	9	11	8	5	2	10	5	0	3	2	2	1	11	0	0	28	5	0
March	.27	.13	3.3	5.6	8.0	E.	34	NW.	2	10	10	11	5	4	7	4	0	3	2	1	0	5	0	0	29	1	0
April	1.08	.69	1.4	5.1	9.0	E.	24	W.	0	12	8	10	10	6	3	3	0	0	0	0	0	0	0	0	16	0	0
May	1.82	.62	.0	5.9	9.4	W.	36	SW.	1	7	12	12	11	9	0	0	1	0	0	0	0	0	1	0	1	0	4
June	2.72	1.00	.0	5.9	8.3	E.	37	W.	2	9	8	13	13	11	0	0	0	0	0	0	0	0	3	3	0	0	5
July	1.11	.54	.0	4.6	7.7	W.	32	SW.	1	12	14	5	9	6	0	0	0	0	0	0	0	0	12	4	0	0	8
August	.84	.24	.0	5.9	7.4	E.	25	SW.	0	6	16	9	12	8	0	0	1	0	0	0	0	0	6	3	0	0	9
September	3.53	2.06	T	6.6	8.1	SW.	27	SW.	0	6	9	15	11	8	2	1	0	1	0	0	0	0	0	0	3	0	2
October	.19	.12	.6	4.7	8.8	SW.	35	SW.	1	12	11	8	3	2	2	1	0	0	0	0	0	0	0	0	15	0	0
November	.97	.55	5.0	7.0	10.2	SW.	35	SW.	1	6	5	19	5	4	4	3	0	1	1	0	0	3	0	0	24	2	0
December	.48	.36	7.4	6.2	9.3	SW.	39	SW.	1	10	7	14	5	3	11	5	0	5	1	0	0	12	0	0	28	6	0
Year	13.56	2.06	26.5	5.8	8.5	E.	39	SW.	9	105	123	137	96	65	55	29	2	14	7	4	2	48	22	10	174	23	28

HELENA, MONT.

Airport [H=3,893 ft.; H_b=3,898 ft.; H_t=5 ft.; H_r=2 ft.; H_a=35 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: 0.84 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	0.25	0.08	4.8	7.2	4.8	SW.	34	W.	1	6	9	16	7	3	13	7	0	7	6	5	5	14	0	0	31	2	0
February	.15	.11	1.3	5.8	6.1	W.	34	S.	2	7	11	10	4	2	9	3	0	1	0	0	0	3	0	0	28	0	0
March	.31	.10	2.0	6.3	8.2	W.	44	N.	2	6	10	15	5	4	8	2	0	4	2	2	1	2	0	0	28	0	0
April	1.74	.72	3.1	6.4	8.1	W.	33	N.	1	7	7	16	11	9	6	3	0	2	1	1	1	1	0	0	12	0	3
May	1.67	.53	T	6.7	10.3	W.	42	W.	7	5	10	16	13	8	2	1	2	1	0	0	0	0	0	0	1	0	9
June	2.86	1.06	.0	6.7	8.7	W.	40	SW.	6	4	10	16	18	13	0	0	2	1	0	0	0	0	3	2	0	0	9
July	2.29	.87	.0	4.7	8.1	W.	44	SW.	3	12	12	7	7	5	0	0	3	0	0	0	0	0	5	3	0	0	13
August	.61	.26	.0	6.0	7.6	W.	30	SE.	0	8	9	14	7	5	0	0	0	0	0	0	0	0	4	0	0	0	10
September	2.27	1.00	1.9	7.5	8.6	W.	33	N.	1	2	11	17	15	10	3	3	0	2	0	0	0	0	0	0	5	0	1
October	.88	.56	.5	5.2	7.7	W.	31	S.	0	12	9	10	5	4	4	1	0	3	1	1	1	0	0	0	20	0	0
November	.40	.14	1.9	7.1	8.0	W.	40	S.	5	4	8	18	6	3	5	1	0	2	1	1	1	4	0	0	24	1	0
December	.77	.46	14.6	6.8	8.7	W.	55	S.	4	6	6	19	10	4	16	7	0	5	0	0	0	11	0	0	27	5	0
Year	14.20	1.06	30.1	6.4	7.9	W.	55	S.	32	79	112	174	108	70	66	28	7	28	11	10	9	35	12	5	176	9	45

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: 0.84 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	0.47	0.33	0.0	3.7	8.6	NE.	28	NE.	0	17	12	2	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
February	.48	.20	.0	5.1	8.5	NE.	25	NE.	0	7	18	3	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0
March	1.25	.43	.0	6.2	11.3	E.	27	NE.	0	3	18	10	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0
April	.47	.14	.0	4.9	9.5	E.	26	E.	0	8	18	4	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0
May	.37	.09	.0	5.1	10.7	E.	29	NE.	0	11	11	9	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0
June	.57	.30	.0	4.8	10.1	E.	26	E.	0	7	20	3	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0
July	.19	.05	.0	4.4	10.0	E.	23	NE.	0	11	18	2	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0
August	1.26	.84	.0	6.2	9.6	E.	26	E.	0	9	10	12	11	2	0	0	0	0	0	0	0	0	0	0	0	0	1
September	.72	.47	.0	5.1	9.8	E.	25	E.	0	10	12	8	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0
October	3.30	1.36	.0	7.1	10.4	E.	32	NE.	1	3	12	16	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0
November	.26	.23	.0	5.2	8.2	E.	24	NE.	0	9	17	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0
December	.96	.23	.0	6.2	11.3	NE.	29	NE.	0	7	13	11	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Year	10.30	1.36	.0	5.3	9.9	E.	32	NE.	1	102	179	84	116	60	0	0	0	0	0	0	0	0	0	0	0	0	1

HOUSTON, TEX.

Airport [H=51 ft.; H_b=85 ft.; H_t=24 ft.; H_r=21 ft.; H_a=80 ft.] City [H=41 ft.; H_b=170 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: 0.84 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	2.06	1.45	0.0	6.5	10.1	SE.	29	SW.	0	7	7	17	9	5	0	0	1	8	1	1	1	0	0	0	0	0	3
February	3.06	1.95	.0	7.1	10.7	NW.	31	S.	0	5	6	17	9	8	0	0	0	9	0	0	0	0	0	0	0	0	1
March	5.59	2.66	.0	7.4	11.6	SE.	30	SE.	0	6	7	18	9	7	0	0	0	8	2	0	0	0	0	0	0	0	1
April	7.23	2.78	.0	6.7	13.2	SE.	30	SE.	0	7	5	18	13	9	0	0	0	7	0	0	0	0	0	0	0	0	7
May	5.33	2.65	.0	6.5	10.1	SE.	31	NW.	0	4	13	14	11	9	0	0	0	8	3	0	0	0	3	0	0	0	5
June	9.21	4.06	.0	6.7	9.5	SE.	26	N.	0	2	14	14	17	13	0	0	0	2	0	0	1	0	12	0	0	0	7
July	5.21	2.03	.0	6.1	7.8	S.	27	N.	0	4	18	9	10	9	0	0	0	2	0	0	0	0	27	5	0	0	11
August	3.13	.78	.0	5.7	7.7	S.	25	N.	0	3	20	8	12	8	0	0	0	3	1	1	1	0	27	9	0	0	10
September	6.91	3.19	.0	6.5	10.4	SE.	60	E.	1	6	11	13	13	10	0	0	0	5	0	0	1	0	10	0	0	0	4
October	10.23	4.00	.0	6.6	10.0	SE.	25	E.	0	4	15	12	13	10	0	0	0	13	1	1	4	0	1	0	0	0	6
November	1.71	.69	.0	4.3	9.2	SE.	31	NW.	0	15	6	9	9	7	0	0	0	4	1	1	2	0	0	0	0	0	1
December	2.32	1.03	.0	6.5	9.2	N.	28	NW.	0	7	7	17	7	6	0	0	0	14	3	5	3	0	0	0	0	0	4
Year	61.99	4.06	.0	6.4	9.9	SE.	60	E.	1	70	129	166	132	101	0	0	1	83	12	9	13	0	80	14	0	0	60

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

HURON S. DAK.

Airport [ϕ=44°21′ N.; λ=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.	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.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
			(1)	(1)																							
January	28.77	30.24	29.21	28.34	14.1	13.2	19.6	18.4	13.4	12.6	18.1	17.3	25.3	6.9	16.1	47	−15	11	10	14	14	12	84	87	77	82	82
February	28.73	30.20	29.19	27.98	15.5	13.2	20.9	21.8	14.4	12.3	18.7	19.9	25.8	8.1	17.0	41	−12	11	9	12	14	11	81	80	66	71	75
March	28.70	30.14	29.14	28.21	27.6	23.9	33.3	36.1	26.0	22.7	29.4	31.5	39.3	21.6	30.4	65	−1	23	20	23	24	23	81	84	65	63	73
April	28.54	29.94	29.00	28.07	47.3	43.6	54.1	56.8	44.4	41.9	47.3	49.1	59.8	41.4	50.6	79	23	42	40	41	42	41	81	88	65	62	74
May	28.51	29.88	29.11	28.00	58.8	54.8	70.7	72.2	53.4	51.1	57.8	58.6	76.4	51.2	63.8	93	32	49	48	48	48	48	72	78	47	45	60
June	28.50	29.86	28.91	28.13	63.4	61.5	75.2	77.0	59.3	58.4	63.7	63.5	80.0	57.8	68.9	97	46	57	56	57	56	57	81	84	56	52	68
July	28.57	29.92	28.90	28.27	71.2	66.9	84.8	87.6	63.1	61.8	66.0	66.2	90.1	64.3	77.2	108	46	58	59	55	54	56	66	76	39	34	54
August	28.57	29.92	28.88	28.11	70.6	64.8	83.2	84.2	62.3	60.1	65.8	65.6	88.8	63.4	76.1	104	52	57	57	56	54	56	64	77	41	38	55
September	28.50	29.88	29.01	28.09	59.3	55.3	69.1	69.6	54.8	52.9	57.7	58.4	75.1	52.0	63.6	95	31	52	50	50	51	51	77	85	54	55	68
October	28.62	30.02	29.12	28.00	46.9	42.7	56.7	54.4	44.0	41.2	49.0	48.2	61.2	38.8	50.0	79	21	41	39	41	42	41	81	88	60	66	74
November	28.59	30.02	28.92	28.15	31.3	29.7	40.6	37.6	29.4	28.2	35.5	33.9	45.4	25.9	35.6	67	6	26	26	28	29	27	81	84	64	70	75
December	28.59	30.03	29.19	27.97	26.7	24.1	31.0	20.0	24.9	22.6	27.5	26.1	37.1	18.5	27.8	69	−2	22	20	22	22	21	81	84	70	74	78
Year	28.60	30.00	29.21	27.97	44.4	41.1	53.3	53.7	40.8	38.8	44.7	44.9	58.7	37.5	48.1	108	−15	37	36	37	38	37	78	83	59	59	70

INDIANAPOLIS, IND.

Airport [ϕ=39°44′ N.; λ=86°16′ W.] City [ϕ=39°46′ N.; λ=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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.26	30.18	29.67	28.59	28.3	27.1	32.8	30.8	27.2	26.1	30.3	29.2	37.3	25.1	31.2	54	4	25	24	26	26	25	87	89	76	82	83
February	29.15	30.07	29.48	28.62	24.9	21.5	30.4	28.8	23.5	20.6	27.4	26.6	35.0	21.2	28.1	59	3	21	19	22	22	21	85	88	69	76	79
March	29.17	30.08	29.61	28.58	31.0	28.8	40.7	38.7	28.4	27.0	34.8	34.0	44.8	27.9	36.4	64	7	24	24	26	27	25	74	80	56	62	68
April	29.17	30.05	29.54	28.68	51.7	49.3	64.2	61.7	47.6	46.1	53.6	52.6	68.8	49.2	59.0	86	35	44	43	44	44	44	75	80	52	56	66
May	29.14	30.02	29.48	28.75	57.6	55.2	73.3	70.3	52.3	53.3	59.4	58.6	77.9	55.9	66.9	93	36	48	49	49	50	49	71	73	45	51	60
June	29.08	29.94	29.38	28.72	66.1	66.5	79.2	78.4	63.1	63.1	67.8	67.9	83.0	64.8	73.9	96	51	61	61	62	64	62	86	84	58	67	74
July	29.10	29.95	29.32	28.74	69.1	68.9	84.9	82.6	65.2	65.2	69.6	69.8	88.5	67.6	78.0	100	54	63	63	62	63	63	81	83	48	54	66
August	29.13	29.99	29.40	28.86	68.4	65.5	83.6	80.3	62.8	61.5	67.5	66.9	87.1	65.5	76.3	99	54	59	59	58	59	59	74	80	45	51	62
September	29.18	30.06	29.56	28.38	64.3	60.6	78.8	72.3	59.9	58.2	66.0	63.5	82.7	60.9	71.8	91	46	57	56	58	58	58	78	86	52	63	70
October	29.20	30.08	29.54	28.58	55.3	53.4	64.9	60.0	52.8	51.9	57.9	55.7	68.3	52.4	60.4	82	32	51	50	52	52	51	85	90	66	77	80
November	29.16	30.06	29.59	28.50	40.5	36.8	48.1	43.4	38.5	35.4	42.6	40.2	53.0	38.3	45.6	73	22	36	34	37	37	36	85	89	66	77	79
December	29.18	30.08	29.63	28.42	35.1	33.8	40.5	37.9	33.7	32.6	37.5	35.7	44.5	32.6	38.6	62	17	32	31	33	32	32	86	88	75	80	83
Year	29.16	30.05	29.67	28.38	49.4	47.5	60.1	56.9	46.2	45.1	51.2	50.1	64.2	46.8	55.5	100	3	43	43	44	44	44	81	84	59	66	72

ITHACA, N. Y.

[ϕ=42°27′ N.; λ=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
	(2)	(2)	(2)	(2)																							
January	29.18	30.12	29.66	28.60	----	----	27.5	----	----	----	24.8	----	30.5	17.4	24.0	43	2	----	----	19	----	19	----	----	70	----	70
February	28.98	29.91	29.36	28.32	----	----	29.3	----	----	----	25.8	----	31.0	16.1	23.6	48	−3	----	----	19	----	19	----	----	64	----	64
March	29.04	29.97	29.50	28.51	----	----	33.5	----	----	----	28.7	----	36.4	18.9	27.6	54	3	----	----	20	----	20	----	----	59	----	59
April	29.17	30.08	29.52	28.66	----	----	62.1	----	----	----	48.8	----	64.7	38.5	51.6	88	26	----	----	36	----	36	----	----	41	----	41
May	29.06	29.96	29.34	28.70	----	----	67.6	----	----	----	54.0	----	70.3	45.6	58.0	90	29	----	----	41	----	41	----	----	43	----	43
June	29.07	29.96	29.34	28.79	----	----	77.5	----	----	----	63.0	----	79.8	56.6	68.2	93	43	----	----	54	----	54	----	----	47	----	47
July	29.06	29.94	29.35	28.71	----	----	82.7	----	----	----	67.3	----	84.6	60.7	72.6	98	48	----	----	58	----	58	----	----	46	----	46
August	29.08	29.96	29.45	28.72	----	----	77.0	----	----	----	62.5	----	79.3	54.2	66.8	90	42	----	----	53	----	53	----	----	45	----	45
September	29.18	30.08	29.50	28.72	----	----	75.5	----	----	----	59.8	----	77.8	50.8	64.3	94	31	----	----	48	----	48	----	----	40	----	40
October	29.15	30.06	29.67	28.72	----	----	60.0	----	----	----	50.9	----	62.8	43.5	53.2	87	28	----	----	42	----	42	----	----	54	----	54
November	29.07	29.98	29.57	28.38	----	----	48.6	----	----	----	41.9	----	51.5	35.8	43.6	72	22	----	----	35	----	35	----	----	62	----	62
December	29.11	30.03	29.64	28.34	----	----	36.2	----	----	----	32.2	----	39.6	25.4	32.5	65	7	----	----	26	----	26	----	----	66	----	66
Year	29.10	30.00	29.67	28.32	----	----	56.5	----	----	----	46.6	----	59.0	38.6	48.8	98	−3	----	----	38	----	38	----	----	53	----	53

JACKSONVILLE, FLA.

Airport [ϕ=30°25′ N.; λ=81°39′ W.] City [ϕ=30°20′ N.; λ=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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)							(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.10	30.15	30.40	29.71	46.8	45.3	62.4	52.6	45.3	43.6	52.9	49.0	64.0	46.7	55.4	76	32	44	42	44	45	44	89	88	54	77	77
February	29.98	30.02	30.26	29.47	44.2	42.0	58.3	50.6	41.6	39.6	47.8	45.3	60.4	42.0	51.2	74	31	38	36	35	39	37	81	82	46	66	69
March	30.00	30.05	30.29	29.56	50.1	49.2	65.1	57.1	46.6	46.3	53.2	50.4	67.6	47.9	57.8	78	28	42	43	41	43	42	76	79	44	62	66
April	30.02	30.06	30.32	29.62	62.1	62.5	78.7	69.5	59.5	60.2	63.7	62.4	79.3	61.2	70.2	90	52	58	59	54	58	57	86	88	46	68	72
May	30.00	30.05	30.26	29.73	64.7	67.2	85.3	75.8	61.0	62.6	66.3	65.1	84.9	64.2	74.6	94	55	59	60	54	58	58	82	77	37	57	63
June	29.98	30.02	30.19	29.74	74.2	76.5	87.1	80.2	71.4	73.3	74.6	73.0	89.3	72.5	80.9	98	69	70	72	69	70	70	88	86	58	73	76
July	29.98	30.03	30.15	29.84	76.3	78.9	89.7	81.3	74.0	75.5	77.1	75.7	90.9	73.9	82.4	98	68	73	74	72	74	73	90	86	58	78	78
August	29.96	30.01	30.11	29.82	77.4	78.7	91.3	82.9	75.0	76.0	77.9	76.6	92.6	75.1	83.8	98	72	74	75	73	74	74	90	88	57	76	78
September	30.00	30.05	30.24	29.84	74.6	74.2	86.0	79.0	72.4	72.6	75.3	73.8	86.5	72.5	79.5	95	68	72	72	71	72	72	90	93	62	79	81
October	30.04	30.08	30.30	29.83	70.5	70.0	84.2	75.5	68.4	68.2	72.3	70.8	84.2	69.7	77.0	94	61	67	67	67	68	67	90	92	57	80	80
November	30.04	30.09	30.32	29.66	57.1	55.5	71.0	61.8	55.3	53.8	61.4	58.6	72.3	54.8	63.6	86	40	54	52	54	56	54	89	89	58	82	80
December	30.05	30.10	30.32	29.71	53.7	52.7	66.0	58.1	51.7	50.7	58.8	55.1	67.8	50.9	59.4	80	36	50	49	54	53	51	88	88	66	84	81
Year	30.01	30.06	30.40	29.47	62.6	62.7	77.1	68.7	60.2	60.2	65.1	63.0	78.3	61.0	69.6	98	28	58	58	57	59	58	87	86	54	74	75

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Huron, 1,301 feet; Indianapolis, 823 feet; Jacksonville, 42 feet.
[2] Airport data.
[3] Pressure data is based on one observation, at 1:30 p.m.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

HURON, S. DAK.

Airport [H=1,282 ft.; H_b=1,289 ft.; H_t=26 ft.; H_r=4 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	0.84 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	0.61	0.24	11.2	5.7	11.6	NW.	35	NW.	3	13	3	15	9	4	17	9	0	15	9	3	3	24	0	0	31	10	0
February	.12	.08	2.4	5.7	12.8	NW.	39	NW.	4	7	10	11	4	1	16	3	0	5	1	0	0	20	0	0	28	9	0
March	.38	.15	5.2	6.3	12.9	N.	50	NW.	5	9	8	14	8	4	17	8	0	8	1	0	0	5	0	0	30	1	0
April	4.05	1.08	.1	7.6	15.2	SE.	43	NW.	8	3	8	19	16	12	3	2	0	12	5	3	2	0	0	0	5	0	5
May	.59	.23	.0	5.6	14.8	S.	49	NW.	8	7	14	10	7	4	0	0	0	9	4	4	3	0	3	0	1	0	4
June	2.50	.58	.0	5.6	13.5	S.	40	E.	8	11	9	10	13	9	0	0	0	14	2	2	0	0	8	3	0	0	7
July	.42	.16	.0	4.7	12.3	S.	42	S.	5	12	13	6	8	6	0	0	0	2	0	0	0	0	18	13	0	0	7
August	1.60	.62	.0	4.2	12.7	S.	49	S.	3	16	10	5	9	6	0	0	1	5	0	0	0	0	15	9	0	0	6
September	2.79	.92	.0	5.6	15.4	S.	49	S.	9	9	9	12	16	12	0	0	0	7	3	2	0	0	4	1	1	0	10
October	3.54	1.99	T	6.6	11.5	N.	44	N.	2	7	6	18	10	5	3	0	0	14	3	3	1	0	0	0	5	0	1
November	.09	.05	.4	5.9	11.6	N.	34	S.	2	9	9	12	4	1	8	2	0	7	3	3	2	2	0	0	26	0	0
December	.34	.18	3.9	6.4	13.9	N.	45	NW.	6	8	9	14	5	4	11	5	0	11	2	2	2	14	0	0	29	3	0
Year	17.03	1.99	23.2	5.8	13.2	N.	50	NW.	63	111	108	146	109	68	75	29	1	109	33	22	13	65	48	26	156	23	40

INDIANAPOLIS, IND.

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

January	1.68	0.60	3.8	8.0	8.6	NW.	27	NW.	0	6	1	24	12	8	11	5	0	4	1	1	1	7	0	0	27	0	0
February	.66	.32	5.1	6.9	9.3	NW.	33	W.	1	6	6	16	7	5	18	6	0	2	0	0	0	11	0	0	26	0	0
March	1.12	.53	1.2	5.9	9.1	N.	31	NW.	0	9	8	14	8	8	9	4	0	3	0	0	0	1	0	0	26	0	1
April	1.91	.94	.0	6.2	8.1	E.	31	NW.	0	6	11	13	10	9	0	0	1	2	0	0	0	0	0	0	0	0	4
May	1.12	.60	.0	5.0	7.8	SW.	29	NW.	0	11	11	9	8	5	0	0	0	0	0	0	0	0	4	0	0	0	6
June	7.03	3.39	.0	5.2	7.0	SW.	25	W.	0	12	7	11	17	15	0	0	0	0	0	0	0	0	9	2	0	0	11
July	1.21	.39	.0	4.8	7.0	SW.	24	SW.	0	13	12	6	5	4	0	0	0	0	0	0	0	0	13	7	0	0	3
August	1.40	.64	.0	5.2	6.9	NE.	19	SW.	0	9	12	10	8	6	0	0	0	0	0	0	0	0	9	3	0	0	6
September	1.94	.66	.0	5.0	7.8	SW.	33	SW.	1	14	4	12	9	7	0	0	0	0	0	0	0	0	3	0	0	0	3
October	7.19	1.55	.0	6.8	7.5	S.	25	SW.	0	6	9	16	16	14	0	0	0	1	0	0	0	0	0	0	0	0	3
November	2.22	.90	1.5	5.8	8.1	SW.	25	SW.	0	11	5	14	9	6	6	4	0	7	2	1	1	0	0	0	8	0	0
December	1.58	.70	.1	8.0	8.4	W.	27	W.	0	2	8	21	8	7	6	1	0	5	1	1	1	4	0	0	14	0	1
Year	29.06	3.39	11.7	6.1	8.0	SW.	33	W.	2	105	94	166	117	94	50	20	1	24	4	3	3	23	38	12	101	0	38

ITHACA, N. Y.

[H=872 ft.; H_b=836 ft.; H_t=70 ft.; H_r=43 ft.; H_a=97 ft.]

January	1.46	0.51	17.9	8.6	9.4	NW.	31	SE.	0	2	4	25	16	12	26	14	0	0	0	0	0	20	0	0	30	0	0
February	1.65	.52	18.8	7.8	11.0	NW.	28	SE.	0	6	1	21	13	7	22	13	0	0	0	0	0	18	0	0	25	1	0
March	1.98	.87	23.2	6.7	9.9	NW.	35	NW.	2	7	6	18	10	8	13	8	0	0	0	0	0	11	0	0	30	0	0
April	2.56	1.14	T	4.3	8.3	NW.	26	NW.	0	14	8	8	9	8	1	0	0	1	0	0	0	0	0	0	9	0	3
May	1.59	.42	.0	5.6	7.5	NW.	25	N.	0	10	11	10	12	9	0	0	0	4	0	0	1	0	1	0	1	0	6
June	3.24	.98	.0	5.2	7.4	NW.	24	SE.	0	12	7	11	12	11	0	0	0	2	1	0	0	0	6	0	0	0	7
July	6.42	2.68	.0	5.5	7.4	NW.	27	N.	0	8	15	8	8	8	0	0	0	2	0	0	0	0	5	2	0	0	9
August	1.57	.55	.0	4.9	7.6	NW.	23	NW.	0	11	11	9	11	8	0	0	0	0	0	0	0	0	1	0	0	0	5
September	1.03	.38	.0	4.3	8.7	NW.	32	S.	1	14	11	5	5	4	0	0	0	2	1	0	1	0	2	0	1	0	4
October	1.73	.45	T	7.5	9.5	NW.	36	NW.	1	3	8	20	16	11	2	0	0	2	2	0	1	0	0	0	4	0	2
November	1.78	1.23	.6	7.5	9.4	SW.	30	SE.	0	3	8	19	11	6	5	3	0	1	0	1	1	0	0	0	8	0	1
December	2.25	.97	5.4	8.5	10.8	NW.	26	NW.	0	2	5	24	14	8	18	8	0	2	0	0	0	9	0	0	24	0	1
Year	26.66	2.68	65.9	6.4	8.9	NW.	36	NW.	4	92	95	178	137	100	87	46	0	16	4	1	4	58	15	2	133	1	38

JACKSONVILLE, FLA.

Airport [H=25 ft.; H_b=39 ft.; H_t=16 ft.; H_r=15 ft.; H_a=52 ft.] City [H=18 ft.; H_b=81 ft.; H_t=86 ft.; H_r=78 ft.; H_a=110 ft.]

January	1.97	1.10	0.0	5.5	7.0	NW.	22	NE.	0	10	9	12	11	10	0	0	0	3	1	0	0	0	0	0	1	0	0
February	3.14	1.64	T	5.2	7.9	NW.	28	W.	0	10	8	10	9	8	1	0	0	3	0	0	0	0	0	0	1	0	1
March	2.18	1.52	.0	6.3	8.9	NW.	26	SW.	0	7	7	17	8	6	0	0	0	0	0	0	0	0	0	0	1	0	1
April	.99	.59	.0	6.0	7.6	S.	23	NE.	0	10	4	16	4	3	0	0	0	2	0	0	0	0	0	0	0	0	1
May	1.04	1.04	.0	3.1	7.4	SE.	22	NE.	0	18	12	1	2	1	0	0	0	3	2	2	1	0	6	0	0	0	2
June	8.10	2.25	.0	7.0	7.6	SW.	26	W.	0	2	13	15	17	15	0	0	0	1	0	0	0	0	14	3	0	0	14
July	6.72	1.86	.0	6.5	6.3	S.	30	SW.	0	2	21	8	19	13	0	0	0	0	0	0	0	0	19	5	0	0	17
August	4.89	1.38	.0	6.5	6.5	SW.	27	NW.	0	1	20	10	13	9	0	0	0	3	0	0	0	0	25	14	0	0	16
September	9.35	2.01	.0	5.8	7.1	E.	26	NE.	0	8	12	10	15	11	0	0	0	4	3	3	0	0	7	1	0	0	3
October	9.00	5.68	.0	5.5	7.2	E.	23	NE.	0	9	13	9	10	9	0	0	0	4	2	1	0	0	3	0	0	0	0
November	3.57	2.23	.0	5.5	7.2	NE.	24	NE.	0	8	11	11	7	4	0	0	0	1	1	0	0	0	0	0	0	0	1
December	7.71	2.26	.0	6.5	7.0	N.	21	W.	0	8	6	17	12	10	0	0	0	1	1	1	0	0	0	0	0	0	3
Year	58.06	5.68	T	5.8	7.3	S.	30	SW.	0	93	136	136	127	99	1	0	0	25	10	7	1	0	74	23	3	0	59

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

KALISPELL, MONT.
[ϕ=48°10′ N.; λ=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.	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	26.99	30.16	27.34	26.50	24.1	21.3	24.5	28.3	23.0	20.3	23.3	26.7	30.6	18.2	24.4	43	5	21	18	21	24	21	88	87	86	84	86
February	26.93	30.07	27.25	26.41	26.0	22.7	28.2	35.4	24.3	21.5	26.1	31.6	37.8	19.9	28.8	51	11	21	19	22	26	22	81	85	77	68	78
March	26.95	30.05	27.35	26.49	36.3	31.8	42.7	47.5	32.6	29.2	37.0	39.3	49.8	29.8	39.8	63	17	27	25	30	29	28	69	76	60	49	63
April	26.87	29.92	27.13	26.37	44.1	37.1	52.2	57.8	38.8	33.9	43.4	46.3	59.8	35.2	47.5	78	25	42	30	34	31	32	64	74	50	39	57
May	26.88	29.91	27.32	26.52	49.8	44.4	57.6	61.1	44.3	41.4	48.4	48.9	64.2	43.5	53.5	81	30	39	38	40	37	39	66	79	54	45	61
June	26.90	29.90	27.18	26.50	57.2	50.8	64.9	70.2	50.9	47.6	54.1	55.0	72.5	49.1	60.8	94	40	46	45	46	43	45	67	60	53	40	55
July	26.96	29.94	27.16	26.73	66.8	56.6	75.8	81.5	56.7	52.1	60.3	60.2	83.5	55.1	69.3	100	49	49	49	50	45	48	55	76	43	30	51
August	26.94	29.93	27.13	26.77	61.4	53.1	69.5	75.0	53.0	49.0	57.3	57.8	77.5	51.2	64.4	91	38	46	45	49	45	46	60	76	51	39	56
September	26.88	29.93	27.22	26.59	47.8	43.9	53.0	55.3	44.6	42.1	47.4	48.2	59.2	41.8	50.5	71	32	42	40	42	42	42	79	88	69	62	74
October	26.98	30.06	27.28	26.66	40.5	36.5	45.9	48.7	38.3	35.2	41.7	43.2	52.3	34.2	43.2	62	19	36	34	37	38	36	84	89	72	67	78
November	26.98	30.10	27.36	26.54	33.4	31.6	37.8	39.9	31.8	30.5	35.3	36.6	44.0	28.4	36.2	57	6	31	29	32	33	31	89	90	82	76	84
December	26.85	29.98	27.29	26.12	28.7	26.4	29.6	30.7	27.0	25.4	27.9	28.6	34.5	22.5	28.5	57	−8	25	24	25	25	25	85	89	83	80	84
Year	26.93	30.00	27.36	26.12	43.0	38.0	48.5	52.6	38.8	35.7	41.8	43.4	55.5	35.7	45.7	100	−8	35	33	36	35	35	74	81	65	57	69

KANSAS CITY, MO.
Airport [ϕ=39°05′ N.; λ=94°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	29.11	30.18	29.62	28.48	31.1	29.4	34.5	34.2	29.8	28.1	31.8	31.9	38.6	25.8	32.2	62	5	28	26	27	28	27	86	85	75	79	81
February	29.08	30.15	29.47	28.19	30.3	27.3	34.0	35.0	27.6	25.3	29.6	30.6	39.6	23.9	31.8	57	14	22	22	22	23	22	71	77	60	60	67
March	29.04	30.10	29.47	28.31	36.9	32.6	44.7	46.2	33.3	30.2	37.4	38.5	50.9	30.4	40.6	73	16	28	27	28	28	28	71	78	51	51	53
April	28.93	29.96	29.38	28.41	55.3	52.1	63.8	63.9	50.1	48.0	54.1	54.2	68.9	49.2	59.0	83	39	45	44	46	46	45	71	76	56	56	65
May	28.94	29.96	29.39	28.54	66.0	62.5	77.2	76.0	60.1	57.9	63.4	63.6	81.4	59.6	70.5	91	45	56	55	54	56	55	72	77	48	52	62
June	28.89	29.89	29.15	28.64	71.3	68.5	79.8	80.3	65.7	64.5	67.9	68.0	83.8	65.8	74.8	97	56	63	62	62	62	62	76	81	56	56	67
July	28.94	29.94	29.18	28.68	75.3	72.3	86.2	85.2	68.4	67.2	71.4	70.8	90.5	69.5	80.0	103	59	65	65	64	64	64	72	78	50	52	63
August	28.94	29.94	29.13	28.59	75.6	71.6	84.2	85.4	69.9	68.1	71.5	72.4	89.3	69.7	79.5	101	61	67	66	66	66	66	76	84	56	55	68
September	28.95	29.96	29.43	28.59	70.4	65.4	76.9	76.1	64.9	61.8	66.0	66.2	81.6	63.2	72.4	92	42	62	60	60	61	61	76	83	58	61	69
October	29.00	30.03	29.38	28.36	58.6	56.0	64.4	63.1	55.2	53.9	57.5	56.9	68.1	52.6	60.4	85	29	52	52	52	52	52	81	87	67	70	76
November	29.02	30.07	29.39	28.69	43.0	40.1	50.6	48.7	39.8	37.5	44.0	43.3	55.3	37.2	46.2	77	21	36	34	37	38	36	76	80	61	67	71
December	29.00	30.06	29.48	28.36	38.5	36.1	42.9	42.2	35.5	33.7	37.7	37.6	47.6	32.3	40.0	67	17	31	30	31	32	31	75	78	64	67	71
Year	28.99	30.02	29.62	28.19	54.4	51.2	61.6	61.4	50.0	48.0	52.7	52.8	66.3	48.3	57.3	103	5	46	45	46	46	46	75	80	58	60	69

KEOKUK, IOWA
[ϕ=40°22′ N.; λ=91°26′ 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	29.51	30.20	29.95	28.87	----	----	----	----	----	----	----	----	34.7	23.7	29.2	55	4	----	----	----	----	----	----	----	----	----	----
February	29.46	30.15	29.87	28.73	----	----	----	----	----	----	----	----	35.5	20.5	28.0	59	2	----	----	----	----	----	----	----	----	----	----
March	29.43	30.10	29.86	28.69	----	----	----	----	----	----	----	----	46.4	29.0	37.7	67	10	----	----	----	----	----	----	----	----	----	----
April	29.35	30.01	29.79	28.78	----	----	----	----	----	----	----	----	65.8	47.9	56.8	86	38	----	----	----	----	----	----	----	----	----	----
May	29.34	29.99	29.74	28.92	----	----	----	----	----	----	----	----	78.5	58.2	68.4	90	42	----	----	----	----	----	----	----	----	----	----
June	29.27	29.91	29.51	29.00	----	----	----	----	----	----	----	----	82.6	65.1	73.8	96	53	----	----	----	----	----	----	----	----	----	----
July	29.30	29.94	29.57	29.00	----	----	----	----	----	----	----	----	88.4	68.1	78.2	104	59	----	----	----	----	----	----	----	----	----	----
August	29.33	29.98	29.58	29.02	----	----	----	----	----	----	----	----	88.1	68.5	78.3	100	57	----	----	----	----	----	----	----	----	----	----
September	29.35	30.00	29.81	28.85	----	----	----	----	----	----	----	----	80.4	61.1	70.8	92	44	----	----	----	----	----	----	----	----	----	----
October	29.40	30.05	29.78	28.75	----	----	----	----	----	----	----	----	67.5	51.0	59.2	80	27	----	----	----	----	----	----	----	----	----	----
November	29.38	30.05	29.80	28.76	----	----	----	----	----	----	----	----	52.6	36.6	44.6	75	17	----	----	----	----	----	----	----	----	----	----
December	29.42	30.10	29.87	28.81	----	----	----	----	----	----	----	----	44.8	30.8	37.8	66	12	----	----	----	----	----	----	----	----	----	----
Year	29.38	30.04	29.95	28.69	----	----	----	----	----	----	----	----	63.8	46.7	55.2	104	2	----	----	----	----	----	----	----	----	----	----

KEY WEST, FLA.
Airport [ϕ=24°34′ N.; λ=81°45′ W.] City [ϕ=24°33′ N.; λ=81°48′ 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)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.06	30.09	30.33	29.79	67.0	65.9	71.9	67.9	63.9	62.9	66.2	64.2	74.6	64.1	69.4	82	52	62	61	63	62	62	84	84	74	82	81
February	29.97	29.99	30.15	29.55	64.6	63.7	70.0	65.7	61.3	60.3	63.7	61.7	72.8	60.9	66.8	80	53	59	58	60	59	59	83	82	71	80	79
March	30.00	30.02	30.26	29.75	66.8	66.2	72.5	68.2	63.2	62.7	65.5	63.8	75.1	63.6	69.4	84	52	61	60	61	61	61	82	82	69	76	78
April	29.97	29.99	30.21	29.75	73.3	74.1	77.0	74.5	69.6	70.3	71.3	70.0	80.9	70.8	75.8	86	67	68	68	68	68	68	84	83	76	80	81
May	29.98	30.00	30.17	29.80	75.2	76.3	79.7	76.8	70.1	70.6	71.9	70.6	82.9	73.0	78.0	86	68	68	68	68	68	68	78	76	69	74	74
June	30.01	30.03	30.12	29.91	81.1	82.6	85.0	82.7	76.7	77.2	78.0	77.0	89.1	77.3	83.2	91	72	75	75	75	75	75	82	78	73	77	78
July	30.01	30.03	30.13	29.91	82.4	83.3	85.4	83.2	77.4	77.9	78.7	77.5	90.0	78.4	84.2	92	72	76	76	76	75	76	80	78	74	77	78
August	29.99	30.01	30.10	29.92	83.5	84.7	86.6	84.7	78.0	78.2	78.9	78.0	91.0	78.9	85.0	93	73	76	76	76	75	76	78	75	71	74	75
September	29.94	29.96	30.11	29.75	81.6	81.8	84.7	82.3	77.2	77.4	78.6	77.4	88.7	77.5	83.1	92	73	76	76	76	76	76	82	82	76	80	80
October	29.99	30.01	30.15	29.84	79.8	80.2	83.5	80.6	76.1	76.1	77.1	75.9	86.4	76.7	81.6	89	73	75	74	75	74	74	85	83	75	81	81
November	29.99	30.01	30.19	29.79	73.9	73.5	78.6	75.1	70.6	70.3	72.1	70.9	81.3	77.3	76.3	88	68	69	69	69	69	69	85	86	73	81	84
December	30.01	30.03	30.15	29.82	73.3	72.5	76.5	74.1	70.6	70.3	72.0	70.8	79.6	70.6	75.1	86	65	69	69	70	69	70	88	90	81	75	86
Year	29.99	30.01	30.33	29.55	75.2	75.4	79.3	76.3	71.2	71.2	72.8	71.5	82.7	71.9	77.3	93	52	70	69	70	69	70	83	82	74	79	79

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

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: 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: 0.84 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	1.26	0.25	17.9	9.1	3.8	W.	16	NW.	0	0	3	28	13	8	15	11	0	15	9	4	1	18	0	0	31	0	0
February	.50	.30	4.6	6.1	4.1	W.	15	N.	0	7	8	13	2	2	8	2	0	15	9	3	3	4	0	0	27	0	0
March	.54	.24	.0	6.1	5.5	W.	30	W.	0	8	8	15	6	4	0	0	1	2	0	0	0	0	0	0	18	0	1
April	.55	.22	.3	5.7	6.0	W.	21	NW.	0	8	9	13	6	3	1	1	1	2	2	1	0	0	0	0	9	0	1
May	1.75	.63	.0	6.9	6.7	W.	22	S.	0	4	13	14	18	12	0	0	0	0	0	0	0	0	0	0	2	0	5
June	1.51	.43	.0	7.0	5.8	W.	25	SW.	0	2	12	16	12	7	0	0	0	0	0	0	0	0	2	0	0	0	3
July	1.07	.71	.0	4.1	6.3	W.	22	S.	0	11	17	3	10	4	0	0	1	0	0	0	0	0	4	2	0	0	11
August	.80	.20	.0	5.5	5.6	W.	26	W.	0	9	13	9	11	6	0	0	1	0	0	0	0	0	1	0	0	0	5
September	2.00	.40	T	8.1	5.1	W.	21	NW.	0	3	4	23	15	11	1	1	4	0	0	0	0	0	0	0	0	0	5
October	.82	.44	T	6.8	5.1	W.	21	N.	0	7	8	16	8	6	1	0	0	5	5	3	0	0	0	0	5	0	1
November	1.68	.49	4.3	7.7	4.9	W.	24	SW.	0	4	6	20	14	8	10	4	0	7	5	3	0	3	0	0	19	0	0
December	1.05	.48	6.2	8.2	5.1	W.	26	N.	0	3	2	26	13	8	18	8	0	3	2	0	0	12	0	0	27	1	0
Year	13.53	.71	33.3	6.8	5.4	W.	30	W.	0	66	103	196	128	79	54	27	8	49	32	14	4	37	7	2	138	1	32

KANSAS CITY, MO.

Airport [H=750 ft.; H_b=759 ft.; H_t=38 ft.; H_r=3 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: 0.84 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	4.91	1.44	11.8	7.1	9.0	NW.	31	NW.	0	8	2	21	12	10	13	5	1	20	5	3	2	8	0	0	24	0	1
February	.58	.32	.5	7.2	10.3	NW.	36	NW.	3	4	9	15	4	2	10	2	1	6	3	2	2	6	0	0	25	0	1
March	.87	.40	5.6	5.6	12.0	NW.	36	NW.	4	9	12	10	7	5	10	6	0	4	1	1	1	0	0	0	18	0	0
April	4.03	1.33	.0	7.0	11.4	NE.	41	SW.	3	5	8	17	15	11	0	0	1	5	1	0	0	0	0	0	0	0	6
May	3.18	.82	.0	5.4	10.6	SW.	50	SW.	4	7	18	6	12	9	0	0	0	8	3	3	1	0	4	0	0	0	7
June	6.79	3.17	.0	5.6	9.9	SW.	31	SW.	0	12	7	11	9	9	0	0	0	6	1	1	1	0	11	1	0	0	6
July	2.34	1.20	.0	5.3	8.7	SW.	50	NW.	2	9	16	6	9	8	0	0	0	1	1	1	1	0	17	13	0	0	9
August	4.66	2.59	.0	5.3	8.2	NE.	63	NW.	3	10	14	7	8	7	0	0	0	6	1	1	0	0	15	7	0	0	6
September	4.62	1.57	.0	5.5	11.1	SE.	34	SW.	1	9	8	13	10	8	0	0	0	6	2	2	2	0	4	0	0	0	5
October	11.94	3.01	.0	7.2	9.5	SW.	37	NW.	4	6	6	19	12	12	1	1	1	12	5	4	2	0	0	0	1	0	5
November	.94	.36	2.0	5.4	11.4	SW.	31	NW.	0	12	4	14	8	5	8	1	0	6	2	4	2	1	0	0	8	0	0
December	1.76	1.15	3.9	6.3	11.3	NW.	39	NW.	3	8	7	16	7	6	7	5	0	8	3	2	2	3	0	0	16	0	1
Year	46.62	3.17	23.8	6.1	10.3	SW.	63	NW.	27	99	111	155	113	92	49	20	4	88	28	24	16	18	51	21	92	0	47

KEOKUK, IOWA

[H=574 ft.; H_b=614 ft.; H_t=64 ft.; H_r=56 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: 0.84 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	3.23	1.31	10.1	7.2	7.6	NW.	30	NW.	0	8	3	20	15	12	10	7	0	5	3	3	3	13	0	0	27	0	0
February	.46	.30	.5	5.8	8.1	NW.	33	NW.	1	8	9	11	5	3	9	4	0	1	0	0	0	12	0	0	27	0	0
March	.40	.23	1.5	5.6	8.5	N.	32	NW.	1	10	8	13	5	2	8	1	0	1	0	0	0	1	0	0	21	0	0
April	2.83	.83	.0	6.3	7.8	S.	30	SW.	0	7	8	15	12	9	0	0	1	5	3	3	3	0	0	0	0	0	5
May	2.28	.52	.0	4.7	7.4	SW.	28	NW.	0	10	15	6	9	8	0	0	0	0	0	0	0	0	2	0	0	0	10
June	3.51	2.04	.0	5.6	6.6	SW.	24	NE.	0	9	8	13	11	9	0	0	0	0	0	0	0	0	8	2	0	0	8
July	1.85	1.11	.0	4.0	6.3	SW.	34	NW.	1	14	15	2	9	6	0	0	0	0	0	0	0	0	12	8	0	0	12
August	1.78	.99	.0	4.3	6.3	E.	23	W.	0	13	11	7	8	5	0	0	0	0	0	0	0	0	14	8	0	0	8
September	4.73	1.44	.0	4.9	7.7	SW.	26	W.	0	12	6	12	12	10	0	0	0	0	0	0	0	0	2	0	0	0	5
October	11.29	3.14	.0	6.8	6.6	SW.	34	SW.	1	8	3	20	17	16	0	0	0	8	4	4	3	0	0	0	2	0	6
November	1.32	.49	1.1	5.7	8.4	SW.	26	SW.	0	11	5	14	5	3	5	1	0	1	0	0	0	2	0	0	10	0	1
December	2.12	.79	1.4	5.9	8.7	NW.	33	W.	2	12	3	16	5	5	3	3	0	5	2	2	2	6	0	0	19	0	1
Year	35.80	3.14	14.6	5.6	7.4	SW.	34	NW.	6	122	94	149	113	88	35	16	1	26	12	12	11	34	38	18	106	0	56

KEY WEST, FLA.

Airport [H=2 ft.; H_b=11 ft.; H_t=4 ft.; H_r=2 ft.; H_a=30 ft.] City [H=5 ft.; H_b=21 ft.; H_t=10 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: 0.84 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	1.17	0.71	0.0	4.8	10.7	N.	29	NW.	0	14	5	12	7	4	0	0	0	1	0	1	1	0	0	0	0	0	1
February	6.24	2.36	.0	5.2	10.5	N.	40	W.	2	8	11	9	10	9	0	0	0	1	1	0	0	0	0	0	0	0	4
March	3.12	1.93	.0	5.2	10.5	NE.	35	W.	3	9	16	6	6	4	0	0	0	0	0	0	0	0	0	0	0	0	4
April	13.14	7.95	.0	4.5	10.9	E.	26	E.	0	15	8	7	8	7	0	0	0	0	0	0	0	0	0	0	0	0	3
May	.14	.13	.0	5.0	10.8	E.	23	E.	0	10	14	7	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
June	1.82	.71	.0	5.3	7.2	SE.	22	NE.	0	8	16	6	10	8	0	0	0	0	0	0	0	0	6	0	0	0	11
July	3.11	1.51	.0	5.3	7.3	SE.	25	S.	0	8	15	8	11	9	0	0	0	0	0	0	0	0	20	0	0	0	7
August	2.57	1.55	.0	3.9	6.6	SE.	24	SE.	0	14	16	1	9	8	0	0	0	0	0	0	0	0	29	0	0	0	12
September	4.93	2.16	.0	6.9	9.3	E.	30	SW.	0	4	10	16	16	11	0	0	0	0	0	0	0	0	6	0	0	0	6
October	4.72	3.03	.0	4.0	9.2	E.	27	W.	0	15	11	5	9	7	0	0	0	0	0	0	0	0	0	0	0	0	2
November	7.59	2.08	.0	5.3	9.3	NE.	27	S.	0	10	10	10	10	7	0	0	0	0	0	0	0	0	0	0	0	0	3
December	3.46	1.42	.0	6.1	9.1	NE.	20	SW.	0	6	13	12	9	7	0	0	0	0	0	0	0	0	0	0	0	0	2
Year	52.01	7.95	0.0	5.1	9.3	E.	40	W.	5	121	145	99	107	83	0	0	0	2	1	1	1	0	61	0	0	0	55

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

KNOXVILLE, TENN.

Airport [ϕ=35°49′ N.; λ=83°59′ W.] City [ϕ=35°58′ N.; λ=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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	29.10	30.18	29.45	28.54	35.5	33.5	46.0	42.1	33.5	31.9	39.9	37.8	48.9	32.5	40.7	63	17	30	30	32	32	31	81	84	58	66	72
February	28.98	30.07	29.28	28.59	31.9	28.8	41.1	38.5	29.0	26.6	34.0	32.7	45.4	27.8	36.6	60	21	24	22	23	22	23	71	76	48	53	62
March	28.98	30.06	29.36	28.57	38.6	34.9	48.7	47.3	35.1	32.3	40.6	40.1	53.7	34.2	44.0	73	20	30	28	30	30	30	71	76	51	54	63
April	29.01	30.06	29.30	28.58	56.4	53.4	70.1	66.5	51.2	49.8	56.8	55.7	73.7	51.8	62.8	90	42	47	47	46	47	47	72	79	46	53	63
May	29.00	30.04	29.26	28.72	62.3	61.3	80.2	76.6	56.3	55.9	61.3	61.1	83.4	57.6	70.5	96	42	52	52	48	50	51	70	73	34	42	54
June	28.96	29.99	29.20	28.66	69.5	69.6	81.8	78.8	65.6	66.1	68.9	68.1	86.4	66.1	76.2	92	56	64	64	62	63	64	82	83	54	60	70
July	28.95	29.98	29.12	28.80	72.7	72.9	85.6	82.2	70.3	70.2	73.3	73.2	88.5	69.9	79.2	98	64	69	69	68	69	69	89	88	58	66	75
August	28.97	30.00	29.22	28.80	72.1	70.9	86.9	81.0	69.2	68.4	72.9	72.1	88.9	69.2	79.0	95	62	68	67	67	68	67	87	89	52	66	73
September	29.05	30.09	29.26	28.72	67.0	63.4	85.7	78.4	62.8	60.9	68.2	66.1	88.4	63.3	75.8	96	53	60	59	58	59	59	80	87	41	53	65
October	29.08	30.13	29.32	28.70	61.7	58.1	74.8	69.8	57.7	55.3	62.2	60.9	77.9	56.3	67.1	92	40	55	53	53	55	54	79	85	48	61	68
November	29.06	30.14	29.43	28.49	41.9	38.2	56.3	49.8	39.8	36.8	47.3	44.2	59.2	36.9	48.0	74	26	37	35	37	38	37	84	88	48	65	71
December	29.05	30.13	29.35	28.45	41.8	38.5	51.7	47.4	39.1	36.5	44.1	42.4	53.1	37.2	45.2	67	22	36	34	36	36	35	79	83	55	65	70
Year	29.02	30.07	29.45	28.45	54.3	52.0	67.4	63.2	50.8	49.2	55.8	54.5	70.6	50.2	60.4	98	17	48	47	47	47	47	79	83	49	59	67

LA CROSSE, WIS.

Airport [ϕ=43°56′ N.; λ=91°17′ W.] City [ϕ=43°49′ N.; λ=91°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.	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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.39	30.20	29.80	28.89	18.9	17.1	23.6	21.9	18.1	16.4	21.8	20.5	28.2	14.5	21.4	40	−2	16	15	18	17	16	87	89	76	80	83
February	29.30	30.11	29.70	28.74	15.5	12.0	20.8	20.3	14.3	11.2	19.0	18.5	27.9	9.7	18.8	47	−15	11	8	14	14	12	80	83	73	75	78
March	29.31	30.11	29.70	28.67	25.8	23.1	32.4	31.4	24.4	22.1	28.8	28.5	38.2	21.0	29.6	60	−7	22	20	22	23	22	83	86	65	70	76
April	29.24	30.01	29.66	28.54	48.5	45.6	59.4	58.6	44.5	42.4	50.2	50.1	64.4	44.6	54.5	80	31	40	39	42	42	41	75	78	55	56	66
May	29.19	29.95	29.66	28.70	57.5	56.0	70.4	66.0	53.4	52.6	59.1	59.0	74.9	53.3	64.1	89	37	50	50	51	51	51	78	81	51	56	66
June	29.16	29.92	29.38	28.85	64.3	63.3	74.5	73.6	61.3	60.5	65.0	65.0	79.5	61.0	70.2	93	46	60	59	60	60	60	85	86	62	66	75
July	29.19	29.95	29.55	28.84	66.8	66.1	79.7	79.1	63.6	63.5	68.6	68.8	84.4	62.9	75.6	96	53	62	62	63	63	63	85	87	58	60	72
August	29.21	29.97	29.54	28.74	65.1	63.4	80.0	79.0	61.6	60.7	66.8	66.5	83.5	61.2	72.4	94	47	60	59	59	60	59	83	86	50	52	68
September	29.23	29.95	29.66	28.76	59.8	57.3	70.1	67.0	56.5	54.6	60.7	60.6	73.6	54.8	64.2	88	36	54	53	54	56	54	83	86	59	70	74
October	29.25	30.03	29.62	28.60	49.6	46.3	56.5	53.2	47.4	44.6	50.0	49.6	60.9	43.9	52.4	72	24	45	43	44	46	44	85	87	64	78	79
November	29.19	29.98	29.51	28.61	36.5	33.1	42.1	39.6	33.8	31.2	37.1	36.2	47.4	31.7	39.6	68	14	30	28	30	32	30	77	82	63	73	73
December	29.23	30.03	29.78	28.53	27.6	26.3	31.9	29.5	26.1	25.1	29.4	27.7	31.0	22.8	29.9	56	1	24	23	25	25	24	84	86	75	81	82
Year	29.24	30.02	29.80	28.53	44.7	42.5	53.4	51.8	42.1	40.4	46.4	45.9	58.3	40.1	49.2	96	−15	40	38	40	41	40	82	85	63	68	74

LANDER, WYO.

[ϕ=42°50′ N.; λ=108°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
January	24.69	30.23	25.06	24.28	15.9	12.9	23.4	25.6	15.3	12.4	21.3	23.1	32.4	9.1	20.8	47	0	14	11	17	19	15	91	92	77	74	84
February	24.63	30.10	24.94	24.00	20.3	17.1	28.7	34.3	19.2	16.6	25.9	29.6	37.2	13.6	25.4	53	5	17	16	21	23	19	87	92	73	62	79
March	24.65	30.09	24.99	24.24	27.5	23.0	33.3	37.9	25.6	21.8	29.5	32.5	40.2	20.0	30.1	61	0	23	20	24	26	23	83	89	70	65	77
April	24.57	29.91	24.84	24.12	39.0	34.3	44.9	47.0	35.7	31.9	38.7	39.6	50.2	32.2	41.2	69	21	32	29	32	32	31	76	79	63	59	69
May	24.62	29.86	25.07	24.17	52.3	45.3	62.3	65.9	43.7	39.9	47.8	49.1	69.8	41.8	55.8	84	31	35	34	34	34	34	54	67	36	32	47
June	24.65	29.87	24.90	24.42	57.8	50.6	68.0	71.2	49.2	45.6	53.9	54.5	75.4	48.4	61.9	93	37	42	41	43	42	42	59	71	44	39	53
July	24.76	29.97	24.96	24.54	64.5	55.8	76.3	78.7	54.2	50.9	59.9	60.0	83.4	54.3	68.8	95	48	47	47	50	48	48	56	74	41	38	52
August	24.75	29.95	24.94	24.50	62.9	55.7	72.3	75.2	54.3	51.1	58.1	58.8	80.3	53.0	66.6	94	40	48	48	49	48	48	62	76	46	42	57
September	24.62	29.89	24.92	24.31	50.1	42.3	58.3	62.4	42.5	38.5	46.6	47.7	67.0	38.3	52.6	82	26	35	34	36	34	35	61	75	47	40	56
October	24.70	30.06	25.06	24.29	39.5	34.5	46.9	50.1	36.1	32.4	39.6	42.1	54.3	30.1	42.2	71	16	32	30	32	34	32	77	82	59	59	69
November	24.69	30.12	25.04	24.10	30.5	28.3	40.1	40.3	27.2	25.2	32.8	33.8	47.3	22.6	35.0	68	−7	23	21	23	26	23	73	73	53	57	64
December	24.57	30.04	24.93	24.10	23.5	20.5	29.3	30.2	21.1	18.1	24.5	25.4	36.3	14.2	25.2	61	−18	16	13	17	17	16	73	73	59	55	66
Year	24.66	30.01	25.07	24.00	40.3	35.0	48.6	51.6	35.3	32.0	39.9	41.4	56.2	31.5	43.8	95	−18	30	29	32	32	30	71	79	56	52	64

LANSING, MICH.

Airport [ϕ=42°47′ N.; λ=84°36′ W.] City [ϕ=42°44′ N.; λ=84°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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.19	30.18	29.64	28.54	23.3	22.4	27.2	25.1	22.6	21.9	25.7	24.1	29.9	19.6	24.8	40	7	22	21	23	22	22	92	93	82	88	89
February	29.03	30.02	29.42	28.30	21.0	19.2	27.2	23.9	20.4	18.5	25.1	22.7	30.8	15.9	23.4	48	1	19	17	21	20	19	93	90	97	85	85
March	29.11	30.09	29.47	28.50	24.2	22.8	33.3	29.4	23.2	22.1	29.8	27.2	36.5	20.5	28.5	49	6	21	21	24	23	22	88	92	68	77	81
April	29.14	30.10	29.47	28.59	44.6	43.9	60.2	54.8	41.6	41.0	49.9	47.7	63.5	40.2	51.8	82	24	38	38	40	41	39	80	80	50	61	68
May	29.07	30.01	29.47	28.62	54.5	54.9	69.6	65.1	50.3	50.4	57.4	56.3	71.0	48.9	60.0	86	35	47	46	48	49	48	76	74	48	59	64
June	29.04	29.97	29.30	28.78	62.2	63.3	76.4	73.3	58.3	58.8	64.3	64.0	77.7	58.5	68.1	91	44	56	56	57	58	57	80	77	54	61	68
July	29.04	29.97	29.33	28.63	65.4	66.4	81.9	78.4	60.9	62.2	66.7	65.3	82.6	60.8	71.7	96	48	58	60	58	58	58	78	79	46	50	63
August	29.07	30.00	29.39	28.66	63.0	62.3	78.2	74.5	58.6	58.3	63.7	63.2	79.5	57.3	68.4	91	43	56	56	54	56	56	78	79	47	54	65
September	29.11	30.05	29.54	28.27	60.0	58.5	73.6	65.9	56.0	55.0	61.8	58.4	75.0	53.9	64.4	89	36	53	52	54	53	53	79	82	53	65	70
October	29.12	30.07	29.55	28.56	50.2	48.5	59.0	53.7	48.1	47.2	52.2	50.0	61.2	44.6	52.9	79	32	46	46	46	47	46	86	91	65	78	80
November	29.01	29.97	29.47	28.36	38.5	37.1	45.0	40.7	36.6	35.4	40.4	38.0	47.9	34.4	41.2	69	22	34	33	35	35	34	84	86	69	79	79
December	29.08	30.05	29.59	28.36	33.1	31.8	37.1	34.2	31.5	30.4	34.1	32.3	39.3	29.4	34.4	64	16	29	28	30	29	29	84	85	74	81	81
Year	29.08	30.04	29.64	28.27	45.0	44.3	55.7	51.6	42.3	41.8	47.6	45.8	57.9	40.3	49.1	96	1	40	40	41	41	40	83	84	61	76	74

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Knoxville, 990 feet; LaCrosse, 714 feet; Lander, 5,352 feet; Lansing, 878 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

KNOXVILLE, TENN.

Airport [H=949 ft.; H_b=980 ft.; H_t=27 ft.; H_r=26 ft.; H_a=45 ft.] City [H=921 ft.; H_b=995 ft.; H_t=66 ft.; H_r=57 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	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.84 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	2.28	0.87	T	5.8	5.6	NE.	23	W.	0	10	7	14	11	8	1	0	0	3	2	2	1	1	0	0	18	0	0
February	.87	.53	0.8	5.2	6.3	W.	25	W.	0	10	9	9	7	4	10	3	0	1	1	0	0	1	0	0	23	0	0
March	4.13	1.45	T	6.1	6.7	NE.	26	NW.	0	8	10	13	13	12	4	1	1	5	5	1	0	0	0	0	12	0	3
April	4.01	1.71	.0	5.2	5.5	NE.	20	NW.	0	11	8	11	7	7	0	0	2	3	3	2	0	0	0	0	0	0	3
May	.71	.51	.0	3.5	5.3	W.	20	NW.	0	15	12	4	5	2	0	0	0	4	3	0	0	0	8	3	0	0	3
June	3.95	1.72	.0	5.9	5.2	SW.	25	SW.	0	7	10	13	12	10	0	0	0	7	4	2	1	0	11	0	0	0	9
July	8.37	3.56	.0	5.5	4.7	SW.	21	W.	0	8	14	9	16	13	0	0	0	9	5	2	1	0	14	3	0	0	11
August	3.34	1.44	.0	6.1	4.8	NE.	26	N.	0	6	15	10	10	6	0	0	0	10	8	2	0	0	14	1	0	0	6
September	.97	.51	.0	2.4	4.9	N.	21	SW.	0	19	10	1	5	4	0	0	0	7	1	1	0	0	11	3	0	0	6
October	2.54	.90	.0	5.3	4.6	NE.	22	NW.	0	9	12	10	10	6	0	0	0	13	5	1	1	0	3	0	0	0	0
November	2.55	1.20	T	4.6	4.8	NE.	19	W.	0	15	3	12	6	5	2	0	0	5	3	2	2	0	0	0	8	0	0
December	2.45	1.03	.0	6.6	5.5	NE.	19	W.	0	5	12	14	9	7	0	0	0	8	1	1	1	0	0	0	10	0	0
Year	36.17	3.56	.8	5.2	5.3	NE.	26	NW.	0	123	122	120	111	84	17	4	3	75	41	16	7	2	61	10	71	0	41

LA CROSSE, WIS.

Airport [H=665 ft.; H_b=672 ft.; H_t=5 ft.; H_r=4 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.]

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: 0.84 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	1.88	0.68	12.3	7.1	5.6	S.	17	NW.	0	7	6	18	10	8	13	5	.0	15	1	0	0	21	0	0	30	4	0
February	.46	.21	7.6	5.9	6.2	NW.	24	NW.	0	8	8	12	6	4	14	5	0	12	2	1	0	21	0	0	28	6	0
March	2.25	.79	13.3	6.4	5.6	NW.	23	NW.	0	8	8	15	8	7	12	5	0	7	0	0	0	5	0	0	29	3	0
April	2.70	1.47	.0	6.8	6.2	S.	21	SW.	0	3	11	16	11	10	0	0	2	2	0	0	0	0	0	0	2	0	6
May	5.78	1.95	.0	5.4	5.4	S.	21	SW.	0	10	10	11	11	11	0	0	3	1	0	0	0	0	0	0	0	0	9
June	5.28	1.05	.0	6.1	4.8	S.	17	W.	0	11	5	14	13	11	0	0	0	9	0	0	0	0	3	0	0	0	4
July	2.22	1.63	.0	5.6	4.4	S.	22	SW.	0	9	11	11	11	7	0	0	0	3	1	0	0	0	9	3	0	0	7
August	1.55	.58	.0	5.0	4.6	S.	13	S.	0	11	12	8	7	7	0	0	0	3	1	0	0	0	6	0	0	0	7
September	7.34	3.46	.0	6.6	5.4	S.	16	W.	0	6	9	15	14	12	0	0	0	6	0	1	0	0	0	0	0	0	4
October	5.50	1.95	T	6.2	5.0	S.	22	N.	0	9	8	14	17	13	1	0	0	18	1	1	0	0	0	0	3	0	4
November	1.26	1.57	T	6.6	6.4	S.	17	W.	0	9	4	17	3	2	7	0	0	6	0	0	0	1	0	0	16	0	0
December	2.08	.61	16.8	7.5	6.4	S.	24	NW.	0	5	5	21	11	9	11	6	0	13	3	1	2	12	0	0	24	0	0
Year	38.30	3.46	50.0	6.3	5.5	S.	24	NW.	0	96	97	172	122	101	58	21	5	95	9	4	2	60	18	3	132	13	41

LANDER, WYO.

[H=5,351 ft.; H_b=5,352 ft.; H_t=60 ft.; H_r=54 ft.; H_a=68 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: 0.84 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	0.12	1.5	5.3	3.2	S.	14	NE.	0	11	10	10	2	1	6	2	0	3	3	0	0	15	0	0	31	1	0
February	.66	.66	6.3	5.1	3.6	NE.	18	SE.	0	10	9	9	2	1	3	2	0	5	5	3	3	3	0	0	28	0	0
March	2.68	1.18	24.3	6.7	4.3	SW.	33	NW.	1	6	10	15	13	10	14	12	0	2	2	1	0	9	0	0	29	2	0
April	5.32	2.08	21.8	7.1	5.6	SW.	28	SW.	0	5	8	17	16	12	9	9	0	1	1	0	0	1	0	0	15	0	3
May	.98	.77	2.6	5.5	6.7	SW.	26	SW.	0	7	17	7	4	4	2	2	1	0	0	0	0	0	0	0	1	0	3
June	1.84	.58	.0	4.9	5.9	SW.	35	SW.	2	10	14	6	9	7	0	0	1	0	0	0	0	0	2	0	0	0	8
July	1.14	.81	.0	5.0	5.1	SW.	24	N.	0	9	17	5	6	4	0	0	1	0	0	0	0	0	3	1	0	0	12
August	1.99	1.09	.0	6.0	5.1	SW.	30	W.	0	5	16	10	13	9	0	0	0	0	0	0	0	0	3	0	0	0	15
September	1.74	.63	1.0	5.6	5.5	SW.	27	N.	0	9	12	9	10	8	3	3	1	0	0	0	0	0	0	0	4	0	2
October	2.55	.71	12.4	6.1	3.9	SW.	21	SW.	0	10	8	13	10	8	5	4	0	2	2	1	1	2	0	0	18	0	0
November	.86	.31	6.3	5.0	4.3	SW.	24	W.	0	10	11	9	7	7	6	5	1	1	1	1	1	4	0	0	28	2	0
December	.75	.31	10.6	5.5	4.3	SW.	45	SW.	2	9	13	9	8	5	8	7	0	0	0	0	0	11	0	0	30	3	0
Year	20.66	2.08	86.8	5.6	4.8	SW.	45	SW.	5	101	145	119	100	76	56	46	5	14	14	6	5	45	8	1	184	8	43

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=863 ft.; H_t=5 ft.; H_r=3 ft.; H_a=90 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: 0.84 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	1.58	0.51	6.2	8.5	8.5	NW.	26	W.	0	2	6	23	14	10	17	11	0	5	1	0	0	20	0	0	31	0	0
February	.86	.28	9.3	7.3	9.9	NW.	25	NW.	0	5	6	17	12	5	17	10	0	2	1	1	1	19	0	0	27	0	0
March	1.67	.97	6.4	5.8	8.5	NW.	29	NW.	0	9	7	15	8	7	13	6	0	2	1	1	1	8	0	0	30	0	0
April	2.44	.89	.0	4.4	8.6	E.	31	SW.	0	14	9	7	9	7	0	0	0	2	0	0	0	0	0	0	7	0	2
May	3.28	.66	.0	4.5	7.7	SW.	26	NW.	0	14	8	9	10	7	0	0	0	3	1	1	0	0	0	0	0	0	6
June	3.70	1.56	.0	5.5	6.8	S.	21	S.	0	9	12	9	11	8	0	0	0	3	0	0	0	0	3	0	0	0	6
July	.80	.27	.0	4.5	6.7	S.	19	NW.	0	12	12	7	7	3	0	0	0	0	0	0	0	0	6	2	0	0	7
August	2.86	1.21	.0	4.2	6.7	N.	22	NW.	0	15	9	7	9	8	0	0	0	2	0	0	0	0	4	0	0	0	5
September	2.96	.75	.0	4.8	8.6	S.	34	NW.	1	12	12	6	9	6	0	0	0	2	2	0	0	0	0	0	0	0	3
October	7.33	2.81	.0	7.0	8.3	NW.	27	SW.	0	4	10	17	17	16	0	0	0	5	2	1	0	0	0	0	2	0	4
November	2.97	1.20	1.7	6.7	10.3	SW.	26	SW.	0	4	11	15	13	8	9	5	0	1	0	0	0	0	0	0	12	0	0
December	1.83	.84	4.0	8.4	9.7	S.	26	SW.	0	1	9	21	13	8	13	7	0	5	3	2	2	9	0	0	22	0	0
Year	32.28	2.81	27.6	6.0	8.4	SW.	34	NW.	1	101	111	153	132	93	69	39	0	32	11	6	4	56	13	2	131	0	33

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

LINCOLN, NEBR.

Airport [ϕ=40°51′ N.; λ=96°47′ W.] City [ϕ=40°49′ N.; λ=96°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.	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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	28.88	30.21	29.36	28.41	23.4	21.7	30.3	27.3	22.6	21.1	28.0	25.9	34.0	19.6	26.8	56	2	21	20	24	23	22	90	90	76	83	85
February	28.84	30.17	29.24	27.93	24.2	22.2	29.3	27.9	23.2	21.1	26.5	25.7	34.6	20.2	27.4	49	7	21	19	21	22	21	87	85	70	75	79
March	28.81	30.12	29.24	28.10	31.6	28.5	40.1	39.0	29.8	27.2	35.2	34.9	45.0	28.6	36.8	70	13	27	25	29	30	28	82	85	64	69	75
April	28.67	29.94	29.10	28.16	49.7	46.6	59.0	58.2	48.1	44.6	51.9	51.4	63.0	45.4	54.2	79	34	44	42	46	46	44	81	86	64	66	74
May	28.67	29.91	29.21	28.19	60.6	57.9	73.9	74.0	56.7	55.6	62.9	62.6	79.3	57.5	68.4	94	44	54	54	56	55	55	80	86	56	54	69
June	28.63	29.86	28.97	28.40	65.9	64.0	79.3	77.2	62.3	61.1	67.6	66.4	82.1	63.1	72.6	99	53	60	59	62	61	61	83	86	57	60	72
July	28.69	29.92	28.96	28.44	71.3	67.7	86.2	86.8	65.4	63.7	70.0	70.0	90.2	67.5	78.8	105	53	62	61	62	62	62	74	81	48	44	62
August	28.70	29.93	28.96	28.36	71.5	66.4	86.8	85.7	65.3	63.5	71.0	69.7	90.0	67.0	78.5	100	54	62	62	63	62	62	73	86	48	47	63
September	28.67	29.91	29.18	28.25	63.6	59.6	76.5	72.9	60.1	57.5	64.9	63.0	80.5	58.0	69.2	93	37	58	56	58	57	57	82	88	56	60	72
October	28.74	30.01	29.15	28.04	50.4	47.7	61.6	58.2	48.6	46.3	54.5	53.4	65.3	46.4	55.8	84	25	47	45	49	49	47	87	91	65	74	79
November	28.75	30.05	29.08	28.31	36.0	33.6	48.0	42.4	34.5	32.2	43.3	39.7	51.5	32.2	41.8	75	16	32	30	39	36	34	86	86	70	80	80
December	28.74	30.05	29.24	28.04	29.8	27.6	38.5	32.8	28.4	26.4	35.1	30.9	42.2	25.4	33.8	63	3	26	24	31	28	27	85	87	75	83	82
Year	28.73	30.00	29.36	27.93	48.2	45.3	59.1	56.9	45.4	43.4	50.9	49.5	63.1	44.2	53.7	105	2	43	41	45	44	43	82	86	63	66	74

LITTLE ROCK, ARK.

Airport [ϕ=34°44′ N.; λ=92°14′ W.] City [ϕ=34°45′ N.; λ=92°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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.79	30.18	30.20	29.08	39.6	37.0	48.7	45.8	37.5	35.6	43.2	41.7	52.3	36.3	44.3	68	22	34	34	37	37	35	82	87	65	72	76
February	29.73	30.12	30.08	29.09	38.2	34.1	45.1	44.3	35.8	32.6	39.6	39.6	49.1	32.8	41.0	65	20	33	30	32	34	32	80	85	63	68	74
March	29.70	30.08	30.14	29.26	43.2	39.6	53.0	52.5	39.6	37.6	45.1	45.2	56.5	39.0	47.8	76	26	35	35	36	37	36	73	82	54	57	67
April	29.62	30.00	30.02	29.11	58.6	55.4	69.9	68.1	55.0	52.8	60.2	60.4	73.4	56.0	64.7	85	47	52	50	54	55	53	80	84	59	65	72
May	29.63	30.01	29.90	29.50	65.8	63.8	79.6	77.2	62.9	61.2	68.0	67.6	81.5	63.5	72.5	90	57	61	60	62	62	61	84	87	55	62	72
June	29.59	29.96	29.79	29.32	70.6	69.6	84.5	81.2	68.2	67.4	72.9	72.2	85.7	68.2	77.0	93	61	67	66	67	68	67	89	90	57	65	75
July	29.58	29.96	29.72	29.38	75.2	74.0	88.6	85.1	72.8	72.1	77.6	76.8	90.5	72.3	81.4	97	68	72	71	74	74	72	89	91	62	69	78
August	29.61	29.98	29.78	29.42	75.0	72.9	88.4	84.9	72.9	71.4	77.5	76.5	90.1	72.6	81.4	98	66	72	71	73	73	72	90	93	62	69	79
September	29.63	30.01	29.92	28.88	70.4	67.0	82.9	78.7	67.5	65.1	72.7	71.9	84.5	67.7	76.1	91	53	66	64	68	69	67	86	91	62	72	78
October	29.67	30.05	29.95	29.24	63.9	61.6	75.0	69.4	62.5	60.2	67.1	65.6	77.0	60.4	68.7	87	40	62	59	63	64	62	92	92	68	82	84
November	29.74	30.13	30.19	29.38	44.9	40.6	58.5	52.7	42.9	39.5	50.2	47.7	60.8	41.6	51.2	80	28	40	38	42	43	41	85	91	56	70	75
December	29.72	30.11	30.12	29.12	41.5	38.8	49.2	46.7	39.9	37.5	44.1	43.3	52.9	38.7	45.8	67	28	38	36	38	39	38	87	89	68	76	80
Year	29.67	30.05	30.20	29.08	57.2	54.5	68.6	65.6	54.8	52.8	59.8	59.0	71.2	54.1	62.7	98	20	53	51	54	55	53	85	88	61	69	76

LOS ANGELES, CALIF.

[ϕ=34°03′ N.; λ=118°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 2)	(2)	(1 2)	(1 2)																							
January	29.70	30.06	29.92	29.52	55.2	52.9	59.2	61.8	50.5	47.9	51.3	53.5	65.4	49.8	57.6	73	45	46	42	44	46	45	73	70	59	58	65
February	29.61	29.97	29.90	29.33	56.3	54.6	60.7	62.6	52.8	50.7	53.9	55.3	65.9	51.7	58.8	77	45	50	47	48	49	48	80	78	66	65	72
March	29.60	29.96	29.90	29.30	57.4	55.3	63.8	65.1	52.9	50.5	54.3	55.5	68.9	52.2	60.6	83	47	49	46	46	47	47	76	74	56	56	65
April	29.58	29.94	29.77	29.26	56.5	53.4	63.2	63.7	51.7	49.6	53.7	54.4	67.2	51.0	59.1	79	46	47	45	45	46	46	73	77	55	56	65
May	29.57	29.93	29.68	29.40	63.5	60.0	73.2	74.0	57.3	55.3	60.5	60.9	76.0	57.8	67.9	97	47	52	52	51	52	52	71	76	49	49	61
June	29.58	29.94	29.70	29.46	61.3	59.0	70.1	70.6	57.5	56.4	61.1	61.4	74.9	57.1	66.0	80	54	55	55	55	56	55	80	85	60	60	71
July	29.56	29.92	29.70	29.44	63.9	62.0	75.2	76.2	60.5	59.4	64.4	64.5	81.5	59.9	70.7	88	56	58	58	58	58	58	83	86	56	53	70
August	29.59	29.95	29.74	29.43	66.0	64.1	74.7	75.4	62.2	61.0	64.7	64.9	80.3	62.0	71.2	91	58	60	59	59	59	59	81	84	59	57	70
September	29.51	29.86	29.68	29.28	63.4	60.7	71.8	72.3	59.3	56.6	60.9	61.9	77.7	58.2	68.0	88	52	56	53	53	55	54	80	78	54	56	67
October	29.58	29.94	29.80	29.31	62.7	59.8	71.4	70.1	55.8	52.6	57.8	57.9	75.5	56.4	66.0	92	50	50	46	47	48	48	67	64	46	51	57
November	29.65	30.01	29.88	29.38	61.5	58.5	68.9	69.2	52.3	49.2	54.2	56.1	75.8	54.9	65.4	90	44	42	38	39	43	40	55	52	38	45	47
December	29.65	30.01	29.87	29.25	54.8	52.5	59.0	60.1	48.7	46.3	50.1	51.6	64.8	49.3	57.0	81	40	42	39	41	44	41	65	64	54	58	60
Year	29.60	29.96	29.92	29.25	60.2	57.7	67.6	68.4	55.1	53.0	57.2	58.2	73.0	55.0	64.0	97	40	51	48	49	50	49	74	74	54	55	64

LOUISVILLE, KY.

Airport [ϕ=38°13′ N.; λ=85°40′ W.] City [ϕ=38 15′ N.; λ=85°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.	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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.60	30.18	29.98	28.96	33.4	31.4	38.0	36.1	31.3	30.0	34.2	33.1	42.4	29.8	36.1	58	12	25	27	28	28	28	79	84	66	72	76
February	29.51	30.09	29.86	29.01	29.4	26.8	36.2	33.5	27.0	24.6	30.7	29.6	39.8	25.7	32.8	61	13	22	20	21	23	22	75	76	53	63	67
March	29.50	30.08	29.96	29.00	35.4	32.0	44.9	43.5	31.7	29.3	37.5	37.1	49.3	31.6	40.4	68	12	26	25	27	28	26	67	74	50	54	61
April	29.49	30.05	29.86	29.02	55.0	51.7	66.9	64.5	49.7	48.6	55.4	55.0	70.6	51.3	61.0	86	41	46	46	46	47	46	78	81	51	57	67
May	29.47	30.03	29.76	29.12	60.5	59.8	76.6	74.7	54.9	55.1	61.5	60.5	79.9	57.4	68.6	94	43	50	51	51	50	51	70	74	42	44	58
June	29.40	29.95	29.67	29.09	68.6	68.3	81.7	79.8	65.4	65.2	69.4	69.4	84.7	66.5	75.6	95	54	64	64	65	64	64	85	85	57	61	72
July	29.41	29.96	29.63	29.11	72.6	70.8	86.0	83.8	69.2	67.8	71.9	72.5	88.2	69.8	79.0	97	61	68	66	66	67	67	85	86	52	60	71
August	29.43	29.99	29.66	29.25	70.9	68.4	85.6	82.2	66.7	65.1	70.4	70.6	88.1	68.5	78.3	98	59	65	63	63	65	64	81	84	48	58	68
September	29.51	30.07	29.84	28.87	66.6	62.3	82.2	77.9	61.2	59.0	66.6	65.3	85.6	62.9	74.2	95	48	58	57	57	57	57	74	82	45	52	63
October	29.53	30.09	29.85	28.97	58.7	55.7	69.3	65.2	55.4	53.7	60.4	58.4	72.4	55.1	63.8	90	36	53	52	54	53	53	82	88	62	68	75
November	29.53	30.10	29.94	28.90	42.0	38.8	51.9	47.1	39.7	36.9	44.5	42.1	56.2	39.1	47.6	75	26	37	34	37	35	36	82	81	58	68	73
December	29.53	30.10	29.95	28.77	38.7	36.9	45.5	42.4	36.4	35.0	40.7	38.8	48.6	35.3	42.0	65	21	33	32	35	34	34	80	83	66	72	75
Year	29.49	30.06	29.98	28.77	52.6	50.2	63.7	60.9	49.0	47.5	53.6	52.7	67.2	49.4	58.3	98	12	46	45	46	46	46	78	82	54	61	69

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Lincoln, 1,189 feet; Little Rock, 357 feet; Los Angeles, 338 feet; Louisville, 525 feet.
[2] Air port data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

LINCOLN, NEBR.

Airport [H=1,180 ft.; H_b=1,189 ft.; H_t=5 ft.; H_r=4 ft.; H_a=31 ft.] City [H=1,184 ft.; H_b=1,189 ft. H_t=11 ft.; H_r=4 ft.; H_a=31 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: 0.84 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	1.57	0.46	9.7	6.9	8.5	N.	31	NW.	0	6	9	16	11	7	12	6	0	12	2	2	3	12	0	0	29	0	0
February	.78	.45	5.6	6.9	9.3	N.	32	NW.	1	6	8	14	8	6	9	7	0	0	0	0	0	12	0	0	27	0	0
March	.72	.48	7.3	6.2	10.1	N.	32	NW.	1	10	4	17	6	4	8	5	0	3	2	0	0	4	0	0	24	0	0
April	3.12	.70	T	7.7	11.3	SE.	34	S.	3	3	8	19	14	11	1	0	1	9	0	0	0	0	0	0	0	0	7
May	2.47	1.26	.0	6.2	9.7	S.	30	W.	0	6	12	13	11	9	0	0	0	2	0	0	0	0	3	0	0	0	9
June	3.41	1.02	.0	6.4	9.8	S.	35	NE.	1	7	7	16	12	10	0	0	0	0	0	0	0	0	9	2	0	0	7
July	.59	.34	.0	4.8	7.9	S.	32	W.	1	12	11	8	7	4	0	0	0	0	0	0	0	0	16	11	0	0	8
August	.80	.49	.0	4.4	8.2	S.	25	N.	0	13	14	4	5	4	0	0	0	1	0	0	0	0	16	9	0	0	5
September	5.12	1.19	.0	5.3	10.8	S.	37	S.	2	11	8	11	10	8	0	0	0	0	0	0	0	0	5	0	0	0	9
October	3.03	.88	3.0	6.7	8.5	S.	34	NW.	2	8	5	18	12	7	1	1	0	10	0	0	0	0	0	0	3	0	4
November	.94	.87	3.5	5.4	9.8	S.	27	S.	0	11	6	13	4	3	5	2	0	2	0	0	0	1	0	0	16	0	2
December	3.51	2.38	12.8	6.2	10.6	S.	34	NW.	1	9	8	14	6	5	9	5	0	3	0	0	0	8	0	0	20	0	1
Year	26.06	2.38	41.9	6.1	9.5	S.	37	S.	12	102	100	163	106	78	45	26	1	42	4	2	3	37	49	22	119	0	52

LITTLE ROCK, ARK.

Airport [H=257 ft.; H_b=277 ft.; H_t=6 ft.; H_r=4 ft.; H_a=58 ft.] City [H=324 ft.; H_b=357 ft.; H_t=94 ft.; H_r=87 ft.; H_a=102 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: 0.84 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	2.15	0.79	0.4	6.1	7.7	E.	21	S.	0	10	6	15	10	8	2	1	0	8	6	5	3	0	0	0	12	0	3
February	2.65	.79	3.3	6.6	8.4	NE.	29	NW.	0	8	3	17	13	10	4	4	1	3	1	0	0	0	0	0	13	0	2
March	1.58	.73	T	6.5	8.9	NE.	26	SW.	0	7	8	16	8	5	2	0	0	8	3	2	2	0	0	0	6	0	0
April	4.97	1.50	.0	6.7	8.1	S.	27	W.	0	4	9	17	11	10	0	0	0	2	0	0	0	0	0	0	0	0	6
May	4.10	2.21	.0	6.3	7.3	S.	30	NW.	0	8	8	15	5	5	0	0	0	2	0	0	0	0	1	0	0	0	3
June	5.99	2.65	.0	5.6	7.4	SW.	38	N.	1	10	10	10	11	9	0	0	0	2	0	0	0	0	4	0	0	0	11
July	5.97	1.68	.0	5.8	6.3	SW.	35	W.	2	7	15	9	10	9	0	0	0	3	1	0	0	0	20	5	0	0	12
August	3.15	1.01	.0	5.6	6.4	SW.	32	W.	1	10	11	10	11	10	0	0	0	6	3	1	1	0	20	4	0	0	10
September	2.40	1.18	.0	4.9	7.6	E.	34	W.	1	10	12	8	4	3	0	0	0	0	0	0	0	0	4	0	0	0	2
October	6.10	2.43	.0	6.8	7.1	S.	24	N.	0	5	11	15	13	10	0	0	0	7	2	2	1	0	0	0	0	0	4
November	1.29	.93	.0	4.6	7.1	W.	24	NW.	0	12	10	8	6	4	0	0	0	4	1	0	0	0	0	0	2	0	1
December	4.94	2.54	T	5.9	7.2	NW.	27	W.	0	11	4	16	9	7	1	0	0	15	8	6	3	0	0	0	10	0	3
Year	45.29	2.65	3.7	6.0	7.4	S.	38	N.	5	102	107	156	111	90	9	5	1	60	25	16	10	0	49	9	43	0	57

LOS ANGELES, CALIF.

[H=312 ft.; H_b=512 ft.; H_t=223 ft.; H_r=235 ft.; H_a=260 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: 0.84 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	2.21	1.19	0.0	5.4	7.5	E.	26	E.	0	10	8	13	10	8	0	0	0	4	0	0	0	0	0	0	0	0	0
February	12.42	3.26	.0	7.2	8.1	E.	36	S.	1	3	7	18	14	13	0	0	0	5	1	0	1	0	0	0	0	0	4
March	8.14	2.90	.0	5.3	8.3	E.	34	NW.	1	10	9	12	11	10	0	0	2	1	1	0	0	0	0	0	0	0	6
April	2.67	.88	.0	5.4	7.7	W.	31	NW.	0	12	6	12	8	8	0	0	0	1	0	0	0	0	0	0	0	0	1
May	T	T	.0	3.7	6.8	W.	27	NW.	0	15	13	3	0	0	0	0	0	5	1	1	1	0	3	1	0	0	0
June	T	T	.0	4.2	6.1	W.	19	W.	0	15	10	5	0	0	0	0	0	9	2	1	0	0	0	0	0	0	0
July	T	T	.0	3.1	5.6	W.	17	SE.	0	19	9	3	0	0	0	0	0	13	3	3	1	0	0	0	0	0	0
August	.04	.04	.0	4.4	5.7	W.	18	W.	0	13	13	5	1	1	0	0	0	6	1	2	2	0	1	0	0	0	0
September	.00	.00	.0	2.2	6.1	W.	27	NW.	0	23	7	0	0	0	0	0	0	6	2	2	1	0	0	0	0	0	0
October	1.53	.62	.0	4.4	7.1	NE.	34	N.	1	15	7	9	6	5	0	0	0	1	0	0	0	0	2	0	0	0	1
November	.05	.04	.0	2.5	6.7	NE.	21	N.	0	20	8	2	2	1	0	0	0	6	1	1	1	0	1	0	0	0	0
December	4.22	1.58	.0	4.9	8.3	NW.	32	NW.	1	12	11	8	10	9	0	0	0	3	0	0	0	0	0	0	0	0	2
Year	31.28	3.26	.0	4.4	7.0	W.	36	S.	4	167	108	90	62	55	0	0	2	60	12	10	7	0	7	1	0	0	14

LOUISVILLE, KY.

Airport [H=545 ft.; H_b=545 ft.; H_t=5 ft.; H_r=3 ft.; H_a=62 ft.] City [H=457 ft.; H_b=525 ft.; H_t=106 ft.; H_r=6 ft.; H_a=120 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: 0.84 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	2.32	0.90	0.3	6.9	9.0	NW.	28	SW.	0	7	8	16	13	9	5	2	0	2	0	0	0	2	0	0	19	0	0
February	.45	.33	1.0	5.5	10.0	NW.	33	S.	1	9	8	11	6	2	15	3	0	0	0	0	0	5	0	0	25	0	0
March	1.20	.42	.1	5.1	10.2	NE.	37	SW.	2	14	6	11	8	6	6	1	0	2	1	0	0	1	0	0	16	0	1
April	2.77	1.42	.0	4.8	8.2	NE.	29	SW.	0	13	9	8	9	9	0	0	0	1	1	0	0	0	0	0	0	0	4
May	1.25	.80	.0	3.2	8.6	SW.	38	NW.	1	16	13	2	6	5	0	0	1	0	0	0	0	0	5	0	0	0	3
June	6.82	1.80	.0	4.3	7.3	SW.	34	SW.	1	13	12	5	16	13	0	0	0	1	0	0	0	0	7	0	0	0	10
July	2.36	.71	.0	4.1	7.0	SW.	28	NW.	0	14	14	3	11	9	0	0	0	0	0	0	0	0	10	4	0	0	9
August	1.91	1.07	.0	4.0	7.8	NE.	26	SW.	0	12	15	4	10	9	0	0	0	0	0	0	0	0	12	2	0	0	6
September	.64	.38	.0	2.5	8.4	SW.	45	SW.	1	19	11	0	5	4	0	0	0	0	0	0	0	0	9	0	0	0	6
October	5.80	1.92	.0	6.0	8.3	SW.	31	SW.	0	9	7	15	16	12	0	0	0	6	0	0	1	0	0	0	0	0	4
November	1.84	.83	T	5.3	8.4	SW.	30	SW.	0	12	6	12	8	6	6	2	0	1	0	0	0	0	0	0	6	0	1
December	3.41	1.95	T	7.4	8.8	SW.	34	W.	1	5	6	20	9	8	5	0	1	3	0	0	0	1	0	0	12	0	1
Year	30.77	1.95	1.4	4.9	8.5	SW.	45	SW.	7	143	115	107	117	92	37	8	2	16	2	0	1	9	43	6	78	0	45

694523°—46—6

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

LYNCHBURG, VA.
[ϕ=37°25′ N.; λ=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	29.41	30.18	29.85	29.01	----	32.4	43.0	39.0	----	29.8	36.2	34.2	45.5	29.8	37.6	65	18	----	26	26	26	26	----	75	53	61	63
February	29.24	30.00	29.56	28.64	----	28.5	43.0	39.4	----	25.2	34.3	32.4	46.0	26.5	36.2	61	14	----	18	19	20	19	----	63	38	44	48
March	29.27	30.03	29.59	28.68	----	35.4	49.2	47.0	----	31.2	38.8	37.9	53.6	32.0	42.8	69	19	----	24	23	24	24	----	62	38	42	47
April	29.34	30.08	29.65	28.79	----	53.1	71.8	66.6	----	48.1	55.3	53.8	74.8	49.5	62.2	92	33	----	43	41	43	42	----	71	37	47	52
May	29.28	30.02	29.71	28.95	----	61.8	78.5	73.6	----	54.3	59.8	59.0	82.3	54.4	68.4	100	36	----	48	46	48	47	----	62	34	43	46
June	29.27	30.00	29.54	28.85	----	68.2	81.3	75.8	----	63.7	67.6	67.0	83.9	63.2	73.6	95	56	----	61	60	62	61	----	79	52	65	66
July	29.27	30.00	29.47	29.05	----	73.5	85.1	78.2	----	69.4	73.0	71.7	88.1	69.2	78.6	98	62	----	68	68	69	68	----	82	58	74	72
August	29.29	30.01	29.62	29.02	----	70.6	85.6	79.8	----	65.7	70.2	69.8	89.0	66.2	77.6	97	52	----	63	62	65	63	----	78	47	62	62
September	29.40	30.14	29.69	29.08	----	64.8	83.0	75.7	----	60.6	66.2	65.2	85.1	60.6	72.8	97	45	----	58	56	59	58	----	79	42	58	60
October	29.41	30.15	29.80	29.10	----	56.4	75.4	69.0	----	52.7	60.8	58.3	77.7	52.9	65.3	98	35	----	50	50	50	50	----	79	44	54	59
November	29.36	30.12	29.75	28.73	----	39.6	61.2	53.5	----	36.3	48.0	44.7	63.8	36.8	50.3	77	25	----	32	33	34	33	----	74	37	50	54
December	29.37	30.13	29.78	28.71	----	37.3	51.2	46.0	----	34.2	42.4	40.0	54.3	34.1	44.2	72	21	----	30	31	32	31	----	74	48	59	60
Year	29.33	30.07	29.85	28.64	----	51.8	67.4	62.0	----	47.6	54.4	52.8	70.3	47.9	59.1	100	14	----	43	43	44	44	----	73	44	55	57

MACON, GA.
Airport [ϕ=32°50′ N.; λ=83°34′ W.] City [ϕ=32°50′ N.; λ=83°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	(1 2) 29.75	(2) 30.15	(1 2) 30.11	(1 2) 29.33	(2) 43.3	(2) 39.2	(2) 54.2	(2) 50.3	(2) 39.9	(2) 37.3	(2) 45.4	(2) 44.3	58.7	38.0	48.4	70	28	(2) 35	(2) 34	(2) 34	(2) 37	(2) 35	(2) 72	(2) 83	(2) 52	(2) 61	(2) 67
February	29.63	30.03	29.89	29.19	39.0	35.3	49.6	46.4	35.3	32.8	41.2	39.9	54.0	33.8	43.9	64	24	30	28	30	31	30	70	76	49	56	63
March	29.64	30.04	29.97	29.21	45.1	41.2	57.3	54.0	40.7	38.9	47.4	46.4	61.2	38.9	50.0	73	25	34	35	34	37	36	67	80	49	55	63
April	29.66	30.06	30.00	29.28	60.4	57.9	73.2	70.0	55.3	54.6	60.3	58.6	77.3	54.9	66.1	89	48	51	52	51	50	51	74	81	49	51	64
May	29.64	30.02	29.91	29.39	66.5	64.2	82.6	79.4	58.5	58.8	64.3	62.8	86.3	60.6	73.4	98	44	52	55	52	51	53	62	73	36	39	52
June	29.61	29.99	29.84	29.33	72.5	72.3	85.3	80.2	68.8	69.1	72.1	71.0	88.4	69.8	79.1	96	60	67	68	66	66	67	84	85	54	66	72
July	29.61	29.99	29.79	29.46	74.0	74.4	85.9	80.1	72.2	72.6	75.9	74.3	90.1	72.1	81.1	97	67	72	72	72	72	72	92	92	64	77	81
August	29.61	29.99	29.83	29.47	74.8	74.1	87.1	81.3	72.5	72.3	76.0	75.2	91.2	72.7	82.0	97	67	72	72	72	73	72	90	92	61	76	80
September	29.68	30.07	29.90	29.52	72.4	69.8	85.1	80.3	67.4	66.9	70.2	69.4	88.3	67.4	77.8	97	52	65	65	62	63	64	78	86	49	59	68
October	29.71	30.10	29.97	29.45	66.5	63.5	78.9	72.9	62.6	61.4	66.5	65.4	81.7	61.1	71.4	94	43	60	60	59	61	60	80	89	53	68	72
November	29.71	30.11	30.04	29.27	50.2	46.4	64.5	58.4	46.9	44.4	52.4	49.9	67.5	42.5	55.0	78	29	43	42	40	41	42	78	86	43	55	65
December	29.71	30.11	30.01	29.25	47.3	42.9	57.0	52.9	44.4	41.5	48.5	47.2	61.4	39.8	50.6	75	27	41	40	39	41	40	79	89	54	66	72
Year	29.66	30.06	30.11	29.19	59.3	56.8	71.7	67.2	55.4	54.2	60.0	58.7	75.5	54.3	64.9	98	24	52	52	51	52	52	77	84	51	61	68

MADISON, WIS.
Airport [ϕ=43°08′ N.; λ=89°20′ W.] City [ϕ=43°05′ N.; λ=89°23′ 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 2) 29.09	(2) 30.19	(1 2) 29.47	(1 2) 28.50	(2) 21.0	(2) 20.2	(2) 26.2	(2) 23.6	(2) 20.2	(2) 19.5	(2) 24.3	(2) 22.3	27.7	16.5	22.1	38	−4	(2) 18	(2) 18	(2) 20	(2) 19	(2) 19	(2) 88	(2) 88	(2) 77	(2) 83	(2) 84
February	28.98	30.09	29.38	28.42	16.9	15.4	24.2	22.3	15.9	14.6	22.1	20.8	27.0	12.2	19.6	42	−11	13	12	17	17	15	83	85	73	78	80
March	29.02	30.11	29.42	28.36	24.2	23.0	33.0	30.4	23.0	21.7	29.3	27.7	34.8	21.0	27.9	54	−8	20	19	23	23	21	83	83	64	72	76
April	28.99	30.05	29.41	28.33	45.6	44.0	58.4	56.2	42.4	41.3	49.1	48.9	60.9	43.1	52.0	79	30	39	38	40	42	40	78	81	54	61	68
May	28.95	29.99	29.42	28.48	55.8	54.8	69.6	68.4	52.3	51.6	58.8	58.6	72.1	52.4	62.2	86	39	49	49	50	51	50	80	80	54	57	68
June	28.92	29.95	29.14	28.62	62.2	62.5	75.7	73.2	59.4	59.2	65.3	64.9	76.6	60.2	68.4	92	47	58	57	60	60	59	85	83	60	65	74
July	28.94	29.97	29.29	28.57	65.2	65.8	82.1	79.2	62.0	62.4	67.8	67.5	82.8	63.5	73.2	99	53	60	60	60	61	60	84	83	48	56	68
August	28.97	30.00	29.25	28.49	64.2	62.2	80.9	77.2	61.0	59.9	66.8	65.6	82.0	62.4	72.2	96	52	59	58	59	59	59	84	83	49	54	69
September	28.97	30.01	29.42	28.41	59.8	57.1	71.3	66.8	56.9	55.0	61.3	60.1	74.0	56.3	65.2	89	41	55	54	55	56	55	84	88	59	69	75
October	29.00	30.06	29.37	28.36	49.2	46.5	58.0	53.4	47.6	45.1	51.5	50.0	61.2	46.2	53.7	72	28	46	44	45	47	45	88	90	66	79	81
November	28.92	29.98	29.29	28.16	37.3	35.3	43.7	40.5	34.9	33.4	39.1	37.4	48.1	32.4	39.2	68	16	31	31	33	33	32	79	83	67	75	76
December	28.96	30.04	29.49	28.31	29.8	27.9	34.2	31.4	28.7	26.9	31.5	29.6	36.2	24.6	30.4	52	3	27	25	27	26	26	87	87	74	82	83
Year	28.98	30.04	29.49	28.16	44.3	42.9	54.8	51.9	42.0	40.9	47.2	46.1	56.8	40.9	48.8	99	−11	40	39	41	41	40	84	85	62	69	75

MARQUETTE, MICH.
[ϕ=46°34′ N.; λ=87°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	29.34	30.18	29.72	28.73	20.2	19.2	23.0	21.3	19.3	18.4	21.5	20.2	26.3	15.6	21.0	37	8	17	17	18	18	17	86	88	80	85	85
February	29.18	30.01	29.63	28.58	20.6	19.8	24.2	22.2	19.4	18.5	22.2	20.8	27.0	16.1	21.6	39	5	17	15	18	18	17	83	80	74	80	79
March	29.27	30.10	29.68	28.43	24.0	22.6	29.1	26.4	22.1	20.7	25.7	24.2	32.0	19.4	25.7	45	1	18	16	19	20	18	75	75	64	74	72
April	29.26	30.08	29.64	28.48	42.0	41.5	49.9	46.5	38.8	37.9	43.0	41.1	54.7	35.9	45.3	81	26	35	33	35	35	34	76	74	60	66	69
May	29.16	29.97	29.57	28.55	52.4	52.6	59.3	57.8	47.1	47.4	50.9	49.5	65.3	45.7	55.5	93	32	42	42	43	42	42	69	70	60	59	65
June	29.17	29.97	29.49	28.80	57.6	59.6	65.0	64.1	53.5	55.2	56.9	56.6	70.5	52.2	61.4	98	36	50	52	51	51	51	78	77	64	68	71
July	29.16	29.95	29.52	28.70	63.9	65.7	71.2	70.4	59.5	60.6	62.8	62.4	76.7	58.5	67.6	99	46	57	57	58	58	57	80	76	66	68	72
August	29.19	29.98	29.50	28.70	59.4	60.3	67.7	65.2	56.6	57.3	61.0	60.0	71.7	55.3	63.5	88	46	54	55	57	57	56	84	84	70	75	78
September	29.15	29.95	29.67	28.62	56.9	55.8	64.1	60.2	53.9	52.7	57.1	56.0	67.9	51.9	59.9	88	37	53	50	52	53	52	83	82	68	78	78
October	29.20	30.02	29.62	28.47	45.3	45.0	51.8	48.5	43.1	42.6	46.3	45.0	54.1	40.7	47.4	72	27	40	40	40	41	40	84	82	68	76	77
November	29.09	29.91	29.58	28.56	34.8	33.8	38.5	36.0	32.9	32.0	35.2	33.6	40.7	30.6	35.6	65	12	30	29	31	30	30	82	82	78	79	80
December	29.16	29.98	29.72	28.50	28.3	28.9	31.9	28.8	26.5	27.1	29.4	26.9	34.1	23.6	28.8	56	9	23	24	25	23	24	80	81	77	80	80
Year	29.20	30.01	29.72	28.43	42.1	42.1	48.0	45.6	39.4	39.2	42.7	41.4	51.8	37.1	44.4	99	1	36	36	37	37	36	80	79	69	74	76

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

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: 0.84 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	2.38	0.99	1.5	5.9	7.4	NW.	33	NW.	1	13	4	14	8	7	2	1	0	9	2	3	2	1	0	0	21	0	0
February	.75	.68	1.4	4.2	8.9	NW.	34	W.	3	14	7	7	3	2	5	1	0	2	1	1	1	0	0	0	23	0	0
March	1.47	.60	6.2	5.4	8.9	NW.	31	NW.	0	11	7	13	6	6	5	2	0	7	1	0	0	0	0	0	19	0	0
April	3.77	1.43	.0	5.2	6.5	NW.	35	SW.	1	9	13	8	9	7	0	0	0	4	0	0	0	0	3	0	0	0	4
May	.52	.47	.0	4.0	7.5	NW.	32	NW.	1	13	12	4	4	1	0	0	0	4	0	0	0	0	9	4	0	0	1
June	4.73	1.10	.0	6.3	6.0	W.	25	NE.	0	6	14	10	12	10	0	0	1	9	3	1	2	0	8	1	0	0	9
July	8.70	1.88	.0	6.4	6.1	SW.	30	NE.	0	4	17	10	17	15	0	0	0	18	1	1	1	0	12	5	0	0	13
August	1.12	.56	.0	3.7	5.8	N.	27	NW.	0	19	6	6	5	4	0	0	0	10	2	1	1	0	17	3	0	0	5
September	.09	.07	.0	4.1	6.0	W.	19	NE.	0	15	10	5	2	1	0	0	0	12	1	1	1	0	11	2	0	0	3
October	1.09	.92	.0	4.7	6.6	SW.	30	NW.	0	13	10	8	3	2	0	0	0	9	1	1	1	0	5	2	0	0	0
November	1.28	.51	.0	4.2	6.3	W.	23	S.	0	14	8	8	6	4	0	0	0	4	1	1	0	0	0	0	9	0	0
December	4.34	1.92	.0	4.9	7.0	NW.	30	NW.	0	15	6	10	9	7	0	0	0	10	4	2	1	0	0	0	16	0	3
Year	30.24	1.92	9.1	4.9	6.9	NW.	35	SW.	6	148	114	103	84	66	12	4	1	98	17	12	10	1	65	17	88	0	38

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	1.29	0.81	0.0	5.1	6.6	NW.	18	SW.	0	12	8	11	5	5	0	0	0	6	1	0	0	0	0	0	8	0	0
February	1.95	.63	T	5.7	7.7	NW.	23	NW.	0	10	5	13	10	9	1	0	0	0	0	0	0	0	0	0	12	0	0
March	3.93	1.55	.0	6.1	8.4	NW.	24	NW.	0	8	9	14	13	12	0	0	0	1	0	0	0	0	0	0	7	0	2
April	.87	.32	.0	5.9	6.5	E.	23	N.	0	8	9	13	7	6	0	0	0	0	0	0	0	0	0	0	0	0	3
May	1.41	1.36	.0	3.5	6.8	S.	20	NW.	0	18	11	2	3	2	0	0	0	1	0	0	0	0	12	3	0	0	0
June	5.56	2.07	.0	7.4	6.4	SW.	26	SW.	0	2	8	20	14	11	0	0	0	1	0	0	0	0	11	2	0	0	7
July	10.82	3.34	.0	7.5	5.7	S.	30	N.	0	0	10	21	20	14	0	0	1	6	0	0	0	0	13	2	0	0	13
August	2.75	1.19	.0	7.1	5.5	S.	21	S.	0	1	13	17	10	9	0	0	0	2	0	0	0	0	21	3	0	0	13
September	2.06	1.65	.0	4.9	6.5	S.	21	S.	0	14	7	9	4	3	0	0	0	3	2	0	0	0	13	4	0	0	2
October	2.62	1.17	.0	5.8	6.3	N.	22	SW.	0	9	7	15	5	5	0	0	0	0	0	0	0	0	4	0	0	0	0
November	1.47	1.25	.0	4.5	6.3	N.	20	NW.	0	11	13	6	6	2	0	0	0	0	0	0	0	0	0	0	3	0	1
December	7.88	4.13	.0	5.5	6.3	NW.	24	S.	0	10	11	10	9	8	0	0	0	4	2	0	2	0	0	0	5	0	0
Year	42.61	4.13	T	5.8	6.6	NW.	30	N.	0	103	111	151	106	86	1	0	1	24	5	0	2	0	74	14	35	0	41

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	2.10	0.82	7.5	7.4	8.7	NW.	22	NW.	0	3	11	17	13	8	13	6	0	15	1	1	1	21	0	0	30	2	0
February	.37	.16	2.6	6.3	9.2	NW.	24	NW.	0	5	9	14	6	2	16	6	0	9	2	2	2	21	0	0	28	3	0
March	2.29	.89	12.6	6.5	8.4	N.	36	N.	1	8	7	16	9	8	10	7	0	8	1	1	1	7	0	0	29	3	0
April	1.24	.39	T	6.7	8.7	S.	28	SW.	0	7	9	14	9	7	1	1	0	4	2	2	2	0	0	0	2	0	4
May	5.82	1.20	.0	5.2	7.4	S.	22	W.	0	12	12	7	13	12	0	0	1	3	1	1	1	0	0	0	0	0	9
June	4.19	1.44	.0	6.3	7.1	S.	19	SW.	0	7	7	16	12	6	0	0	0	9	3	2	2	0	3	0	0	0	3
July	1.09	.66	.0	5.3	6.4	S.	21	NW.	0	6	19	6	7	4	0	0	0	4	0	0	0	0	7	2	0	0	5
August	2.08	.99	.0	5.3	7.0	S.	17	SW.	0	12	10	9	10	7	0	0	0	7	1	1	1	0	3	1	0	0	8
September	10.34	5.31	.0	5.8	8.4	S.	26	S.	0	11	5	14	11	10	0	0	0	8	0	0	0	0	0	0	0	0	4
October	3.93	1.07	.0	6.2	7.7	S.	22	SW.	0	10	8	13	14	13	0	0	0	13	6	0	0	0	0	0	2	0	3
November	.53	.27	.5	6.7	10.2	SW.	25	NE.	0	8	6	16	5	3	3	1	0	5	2	0	0	2	0	0	13	0	2
December	1.77	.75	10.8	7.1	9.3	NW.	26	NW.	0	5	8	18	10	6	10	6	0	15	4	4	4	11	0	0	24	0	0
Year	35.75	5.31	34.0	6.2	8.2	S.	36	N.	1	94	111	160	119	86	53	27	1	100	23	14	14	62	13	3	128	8	38

MARQUETTE, MICH.

[H=674 ft.; H_b=734 ft.; H_t=44 ft.; H_r=42 ft.; H_a=73 ft.]

January	1.32	0.32	12.6	8.4	8.7	NW.	24	NW.	0	1	6	24	22	10	26	22	0	2	0	0	0	25	0	0	31	0	0
February	1.22	.38	11.1	7.9	10.1	NW.	26	NW.	0	1	8	19	16	6	25	16	0	0	0	0	0	23	0	0	28	0	0
March	.30	.19	3.0	6.6	8.5	NW.	32	NW.	1	8	7	16	5	2	16	5	0	1	0	0	0	15	0	0	31	0	0
April	3.70	1.65	1.3	5.4	7.2	NW.	29	S.	0	10	8	12	10	8	3	2	0	3	2	0	2	0	0	0	15	0	3
May	2.97	1.86	.0	6.0	8.3	NW.	24	SW.	0	10	6	15	13	10	0	0	0	6	2	0	0	0	1	0	1	0	4
June	3.07	1.10	.0	6.3	7.0	NW.	22	SW.	0	8	8	14	7	6	0	0	0	9	4	3	1	0	4	1	0	0	5
July	3.04	.64	.0	5.8	7.7	NW.	22	NW.	0	8	12	11	11	10	0	0	2	6	2	4	2	0	3	1	0	0	6
August	4.34	.33	.0	5.8	7.5	NW.	26	SW.	0	7	16	8	15	14	0	0	0	2	1	1	1	0	0	0	0	0	6
September	3.66	.94	.0	6.8	10.1	S.	31	SW.	0	6	8	16	12	7	0	0	0	4	2	0	0	0	0	0	0	0	3
October	4.15	1.72	.1	7.1	9.1	W.	39	SW.	2	5	8	18	12	9	2	1	1	3	0	0	0	0	0	0	4	0	0
November	2.96	.69	14.3	7.9	9.1	W.	31	SW.	0	2	8	20	14	12	13	10	0	1	1	0	0	1	0	0	18	0	0
December	1.73	.61	7.6	8.8	10.9	S.	38	SW.	3	1	5	25	19	10	19	17	0	3	2	1	1	17	0	0	25	0	0
Year	32.46	1.86	50.0	6.9	8.7	NW.	39	SW.	6	67	100	198	156	104	104	73	3	40	16	9	7	81	8	2	153	0	27

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

MEDFORD, OREG.
[ϕ=42°23′ N.; λ=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.	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	28.58	30.02	28.95	28.09	39.6	36.6	39.7	48.1	37.9	36.0	38.1	43.4	49.9	33.8	41.8	61	24	36	35	36	38	36	88	95	88	71	86
February	28.48	29.89	28.89	27.87	45.2	40.8	45.0	55.3	41.3	38.4	41.5	46.9	57.2	36.8	47.0	68	26	37	36	38	38	37	76	84	78	56	73
March	28.56	29.97	29.01	27.86	46.9	39.7	50.4	62.9	42.6	37.9	44.2	48.9	65.2	35.9	50.6	76	29	38	36	38	34	36	71	86	63	38	64
April	28.55	29.96	28.90	28.09	48.2	40.9	53.9	63.1	43.9	39.4	46.7	49.8	65.8	38.5	52.2	80	29	39	38	39	36	38	72	88	59	41	65
May	28.58	29.98	29.07	28.28	55.2	48.6	60.9	68.7	50.2	46.7	52.1	54.9	72.4	46.3	59.4	100	34	46	45	45	44	45	72	88	58	44	66
June	28.60	30.00	28.82	28.34	58.8	52.4	65.0	72.0	53.1	50.0	55.3	57.5	75.2	50.5	62.8	102	44	49	48	48	46	48	70	86	55	44	64
July	28.57	29.94	28.78	28.37	71.1	59.2	77.5	89.8	59.5	54.9	62.5	65.2	91.2	57.4	74.3	103	48	52	52	53	49	51	51	77	43	26	49
August	28.60	29.98	28.76	28.41	66.9	57.9	71.4	81.9	58.5	54.2	60.0	62.7	84.3	55.7	70.0	97	46	53	52	52	50	52	61	80	52	34	57
September	28.60	29.99	28.86	28.37	56.3	48.4	61.6	73.5	51.1	46.7	53.1	56.4	76.2	45.7	61.0	87	35	47	45	46	42	45	71	89	58	36	63
October	28.67	30.08	29.00	28.48	49.7	43.1	51.8	63.8	46.4	42.0	47.4	52.3	65.2	40.1	52.6	76	33	43	41	43	42	42	79	92	74	48	73
November	28.68	30.10	29.06	28.30	43.8	40.9	46.1	55.3	42.5	39.9	43.7	48.8	57.8	37.7	47.8	74	21	41	39	41	43	41	91	94	84	65	83
December	28.54	29.98	28.94	28.04	39.4	37.7	38.8	42.7	38.5	37.1	37.8	40.4	45.4	35.0	40.2	64	21	38	36	37	38	37	93	95	92	84	91
Year	28.58	29.99	29.07	27.86	51.8	45.5	55.2	64.8	47.1	43.6	48.5	52.3	67.2	42.8	55.0	103	21	43	42	43	42	42	75	88	67	49	70

MEMPHIS, TENN.
Airport [ϕ=35°3′ N.; λ=89°59′ W.] City [ϕ=35°9′ N.; λ=90°3′ 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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.74	30.18	30.11	29.03	39.8	37.4	47.5	44.0	37.1	35.5	41.9	40.1	50.5	36.1	43.3	66	20	34	33	35	35	34	78	83	63	71	74
February	29.67	30.11	30.00	29.08	37.6	33.0	44.1	42.6	34.7	30.9	38.2	37.9	47.5	32.4	40.0	63	19	31	28	30	32	30	76	80	58	66	70
March	29.64	30.08	30.08	29.24	43.1	39.4	51.9	51.3	38.8	36.6	43.7	44.2	55.6	39.1	47.4	73	23	33	33	33	36	34	68	77	51	56	63
April	29.59	30.00	29.96	29.10	59.2	55.5	72.1	70.7	53.9	51.7	59.5	59.4	75.6	54.1	64.8	86	41	50	48	50	52	50	72	78	48	52	63
May	29.60	30.01	29.84	29.23	67.5	64.5	80.8	78.9	61.7	60.3	65.5	65.6	84.1	61.8	73.0	94	47	58	57	56	57	57	72	79	44	50	61
June	29.54	29.94	29.75	29.33	71.8	70.5	87.0	85.0	67.2	67.0	73.1	72.3	90.0	67.7	78.8	97	53	65	65	67	66	66	79	83	52	54	67
July	29.53	29.94	29.70	29.35	76.4	74.8	88.5	86.2	72.5	72.0	76.1	75.9	92.3	72.7	82.5	99	69	71	71	71	72	71	84	88	58	63	73
August	29.56	29.97	29.75	29.39	75.5	73.3	88.8	85.5	71.8	70.5	75.6	75.1	92.1	71.6	81.8	99	61	70	69	70	70	70	84	87	55	62	72
September	29.60	30.02	29.89	29.00	70.5	67.4	84.2	80.3	66.2	64.0	71.3	70.6	87.8	66.0	76.9	95	46	64	62	65	66	64	80	84	54	62	70
October	29.64	30.06	29.90	29.22	63.8	61.9	76.7	70.3	61.2	59.7	66.3	64.6	79.5	58.4	69.0	92	39	60	58	60	61	60	87	88	58	74	77
November	29.69	30.13	30.11	29.27	43.1	40.3	56.9	49.2	40.8	38.8	49.0	45.3	60.4	37.5	49.0	78	25	38	37	41	41	39	84	88	58	73	76
December	29.67	30.11	30.07	29.04	42.1	40.0	51.0	47.0	40.5	38.9	46.7	44.3	54.0	36.5	45.2	70	22	38	38	42	41	40	87	91	73	81	83
Year	29.62	30.04	30.11	29.00	57.5	54.8	69.1	65.9	53.9	52.2	58.9	57.9	72.4	52.8	62.6	99	19	51	50	52	52	51	79	84	56	64	71

MERIDIAN, MISS.
Airport [ϕ=32°21′ N.; λ=88°40′ W.] City [ϕ=32°21′ N.; λ=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.	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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.78	30.19	30.11	29.15	42.7	39.9	56.4	51.4	40.9	38.7	48.5	46.3	59.9	37.7	48.8	75	26	39	37	40	41	39	86	90	55	68	75
February	29.68	30.09	29.96	29.19	39.9	37.3	49.9	47.9	38.2	35.7	42.6	42.6	53.6	35.5	44.6	65	25	36	34	33	36	35	86	87	55	65	73
March	29.66	30.06	30.08	29.30	45.8	43.0	56.6	55.0	43.4	41.2	48.7	48.3	60.3	40.9	50.6	72	26	40	39	39	41	40	82	85	56	61	71
April	29.63	30.03	29.91	29.18	58.9	56.3	74.7	72.1	56.0	54.6	61.4	60.4	77.6	55.3	66.4	87	42	54	53	52	52	53	85	90	49	52	69
May	29.64	30.03	29.84	29.36	65.4	63.8	84.3	81.4	62.1	61.0	67.0	67.1	85.5	62.2	73.8	94	47	60	59	56	59	59	84	86	40	48	64
June	29.60	29.99	29.78	29.42	72.1	72.0	87.4	83.3	69.9	69.8	72.9	72.7	89.2	69.1	79.2	95	60	69	69	66	68	68	90	89	51	62	73
July	29.59	29.98	29.75	29.46	74.3	74.6	88.6	81.7	73.1	73.0	77.0	75.6	90.9	72.0	81.4	96	69	73	72	72	73	73	95	93	60	77	81
August	29.61	30.00	29.78	29.44	74.8	73.5	90.1	85.2	73.0	71.8	76.6	76.6	91.5	71.7	81.6	96	63	72	71	71	73	72	92	92	55	68	77
September	29.64	30.03	29.85	29.29	72.4	69.7	86.7	79.7	69.9	67.9	73.6	73.2	88.8	69.0	78.9	95	57	69	67	68	70	68	89	92	54	74	77
October	29.68	30.07	29.89	29.41	65.5	63.1	81.1	73.8	63.7	61.7	68.7	68.2	82.8	61.6	72.2	92	47	63	61	62	65	63	91	92	54	76	78
November	29.73	30.14	30.08	29.32	44.7	41.4	61.7	53.9	43.4	40.3	52.1	50.6	65.4	40.3	52.8	78	28	42	39	43	48	43	91	92	53	80	79
December	29.70	30.11	30.05	29.17	45.5	42.6	57.0	51.7	44.0	41.7	49.8	48.5	60.3	41.0	50.6	75	28	42	41	42	45	42	88	93	60	78	80
Year	29.66	30.06	30.11	29.15	58.5	56.4	72.9	68.1	56.5	54.8	61.6	60.8	75.5	54.7	65.1	96	25	55	54	54	56	55	88	90	54	67	75

MIAMI, FLA.
Airport [ϕ=25°55′ N.; λ=80°17′ W.] City [ϕ=25°48′ N.; λ=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.	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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.06	30.09	30.30	29.80	60.7	58.6	72.2	65.0	58.8	57.1	63.8	61.1	73.9	59.4	66.7	80	42	58	56	58	58	57	90	91	62	80	80
February	29.95	29.98	30.16	29.55	58.9	55.6	71.2	64.9	56.7	54.2	61.2	59.8	73.0	56.6	64.8	82	43	55	53	54	56	55	88	91	56	74	77
March	30.00	30.02	30.26	29.69	59.9	59.3	73.5	66.8	57.5	57.2	62.1	60.6	74.3	60.4	67.4	84	38	56	56	54	56	55	86	88	52	69	74
April	29.98	30.01	30.23	29.73	69.1	70.3	78.9	73.0	65.5	66.0	67.9	67.2	79.2	69.5	74.4	84	60	64	64	62	64	63	83	81	58	74	74
May	29.99	30.02	30.19	29.81	69.3	72.9	81.6	75.8	65.5	67.2	68.7	67.8	80.9	71.7	76.3	86	63	64	64	62	64	63	82	75	52	67	69
June	30.02	30.04	30.13	29.87	74.5	79.2	87.2	79.5	72.4	75.0	75.8	74.7	87.3	75.9	81.6	90	68	72	73	71	73	72	91	82	60	81	76
July	30.02	30.05	30.15	29.91	76.4	79.6	85.2	80.6	74.3	75.9	76.3	75.7	87.4	77.1	82.2	91	71	74	74	73	74	74	91	84	68	80	81
August	29.99	30.02	30.08	29.92	76.9	79.8	88.1	82.6	74.9	76.3	77.0	76.6	89.8	79.5	84.6	92	75	74	75	73	74	74	91	85	61	75	79
September	29.95	29.97	30.12	29.72	77.1	78.6	85.6	79.7	74.7	75.6	76.6	75.4	86.7	77.1	81.9	91	72	74	74	73	74	74	90	87	68	82	82
October	29.99	30.02	30.17	29.37	75.8	75.5	85.6	78.5	72.6	73.0	74.8	73.8	85.2	76.1	80.6	91	70	71	72	70	72	71	86	89	61	80	79
November	29.98	30.01	30.20	29.80	68.4	67.8	79.8	72.2	66.4	65.9	70.3	68.4	80.1	69.0	74.6	85	58	65	65	66	66	66	90	91	63	83	82
December	30.01	30.04	30.18	29.82	67.3	65.7	78.3	71.5	65.3	64.0	69.8	67.3	78.7	67.7	73.2	85	56	64	63	65	65	64	90	91	65	82	82
Year	30.00	30.02	30.30	29.37	69.5	70.2	80.6	74.2	67.0	67.3	70.4	69.0	81.4	70.0	75.7	92	38	66	66	65	66	66	88	86	60	77	78

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

MEDFORD, ORE.

[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: 0.84 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	2.15	0.58	0.0	7.5		N.				2	3	26	16	12	0	0	0	20	15	11	9	0	0	0	10	0	0
February	1.93	.89	.0	6.5		SE.				4	10	14	9	7	0	0	0	9	6	6	5	0	0	0	5	0	0
March	1.03	.46	.0	5.2		S.				10	6	15	9	6	0	0	1	3	2	2	0	0	0	0	7	0	0
April	1.64	.42	T	6.2		NW.				7	10	13	12	9	2	0	1	1	1	1	0	0	0	0	2	0	1
May	2.15	.61	.0	7.1		NW.				5	7	19	14	10	0	0	0	2	0	0	0	0	3	1	0	0	1
June	1.69	.44	.0	7.0		NW.				5	8	17	10	9	0	0	0	2	1	0	0	0	2	2	0	0	3
July	.06	.06	.0	2.6		NW.				19	8	4	1	1	0	0	0	0	0	0	0	0	19	9	0	0	3
August	.20	.14	.0	5.3		NW.				9	11	11	4	1	0	0	0	0	0	0	0	0	8	3	0	0	4
September	1.21	.82	.0	3.9		NW.				17	7	6	6	4	0	0	0	1	0	0	0	0	0	0	0	0	0
October	1.35	.51	.0	5.1		NW.				10	14	7	7	7	0	0	0	13	4	3	2	0	0	0	0	0	0
November	2.65	.90	.0	7.0		S.				5	10	15	8	6	0	0	0	22	14	12	10	0	0	0	11	0	0
December	7.97	2.99	.9	9.0		NW.				0	5	26	21	15	7	3	0	23	13	7	4	0	0	0	8	0	0
Year	24.03	2.99	.9	6.0		NW.				93	99	173	117	87	9	3	2	96	56	42	30	0	32	15	43	0	12

MEMPHIS, TENN.

Airport [H=269 ft.; H_b=284 ft.; H_t=5 ft.; H_r=1 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.]

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: 0.84 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	2.82	1.10	T	6.3	7.8	SW.	21	W.	0	8	10	13	9	7	1	1	0	3	1	0	0	1	0	0	13	0	3
February	1.68	.48	4.9	5.6	8.6	N.	24	N.	0	7	9	12	7	7	7	3	0	2	0	0	0	0	0	0	14	0	1
March	1.39	.48	.0	6.1	8.9	N.	24	N.	0	5	14	12	7	7	0	0	0	2	0	0	0	0	0	0	5	0	2
April	3.72	1.59	.0	5.3	7.7	S.	21	SW.	0	12	9	9	7	5	0	0	0	1	0	0	0	0	0	0	0	0	4
May	.99	.52	.0	4.5	7.1	SW.	22	SW.	0	14	11	6	5	4	0	0	0	1	1	0	0	0	8	0	0	0	4
June	1.20	.55	.0	5.8	7.3	SW.	25	SW.	0	6	14	10	9	8	0	0	0	0	0	0	0	0	17	6	0	0	9
July	3.51	1.31	.0	6.4	5.6	SW.	24	W.	0	4	15	12	9	8	0	0	0	0	0	0	0	0	25	11	0	0	12
August	3.45	1.42	.0	5.3	6.2	SW.	25	NW.	0	8	17	6	8	6	0	0	0	0	0	0	0	0	23	10	0	0	7
September	.46	.29	.0	3.9	6.9	E.	33	SW.	1	13	12	5	5	4	0	0	0	0	0	0	0	0	10	2	0	0	3
October	5.62	2.46	.0	5.6	7.4	E.	27	W.	0	9	13	9	13	8	0	0	0	1	0	0	0	0	2	0	0	0	4
November	1.69	1.17	.0	4.9	6.7	S.	21	N.	0	15	4	11	7	5	0	0	0	4	0	0	0	0	0	0	11	0	0
December	4.01	2.09	.0	5.7	7.4	SW.	32	SW.	1	9	10	12	9	6	0	0	0	10	6	3	2	0	0	0	12	0	3
Year	30.54	2.46	4.9	5.4	7.3	SW.	33	SW.	2	110	138	117	95	75	8	4	0	24	8	3	2	1	85	29	55	0	52

MERIDIAN, MISS.

Airport [H=292 ft.; H_b=18 ft.; H_t=18 ft.; H_r=4 ft.; H_a=4 ft.] City [H=343 ft.; H_b=375 ft.; H_t=60 ft.; H_r=60 ft.; H_a=92 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: 0.84 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	1.95	0.76	T	5.2	5.9	N.	22	SW.	0	8	14	9	7	7	1	0	0	2	1	1	1	0	0	0	14	0	2
February	2.37	.78	T	5.5	6.2	N.	18	NW.	0	12	5	11	10	7	1	0	0	1	1	0	0	0	0	0	11	0	1
March	4.43	2.80	0.0	6.1	7.2	N.	26	SW.	0	9	8	14	13	9	0	0	0	2	0	0	0	0	0	0	4	0	3
April	4.78	1.65	.0	4.9	5.7	S.	22	W.	0	11	13	6	6	6	0	0	1	3	1	1	1	0	0	0	0	0	5
May	.50	.30	.0	4.3	5.3	S.	19	SE.	0	14	11	6	5	3	0	0	0	3	1	1	0	0	7	0	0	0	2
June	3.24	1.52	.0	5.9	5.6	SW.	26	S.	0	5	16	9	13	12	0	0	0	2	0	0	0	0	12	0	0	0	14
July	15.14	3.30	.0	5.4	4.6	SW.	22	SW.	0	9	13	9	19	18	0	0	0	3	2	2	0	0	21	3	0	0	22
August	1.83	.68	.0	5.4	4.7	SW.	17	SE.	0	6	18	7	6	5	0	0	0	1	1	0	0	0	23	3	0	0	9
September	3.46	2.53	.0	4.8	5.8	E.	23	S.	0	12	13	5	6	4	0	0	0	1	1	1	1	0	13	1	0	0	9
October	3.24	1.26	.0	4.9	5.4	S.	18	SW.	0	15	6	10	7	6	0	0	0	2	2	1	0	0	6	0	0	0	0
November	1.79	1.12	.0	4.6	4.8	N.	17	S.	0	14	6	10	10	5	0	0	0	2	2	2	1	0	0	0	6	0	2
December	9.11	3.96	.0	5.6	5.1	N.	24	SE.	0	10	8	13	10	9	0	0	0	5	4	2	2	0	0	0	7	0	3
Year	51.84	3.96	T	5.2	5.5	SW.	26	S.	0	125	131	109	112	91	2	0	1	27	16	11	6	0	82	7	42	0	72

MIAMI, FLA.

Airport [H=8 ft.; H_b=12 ft.; H_t=5 ft.; H_r=3 ft.; H_a=32 ft.] City [H=11 ft.; H_b=112 ft.; H_t=124 ft.; H_r=117 ft.; H_a=168 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: 0.84 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	3.45	0.97	0.0	6.0	9.4	NW.	31	NW.	0	6	14	11	8	8	0	0	0	2	2	2	2	0	0	0	0	0	1
February	3.75	1.72	.0	5.6	9.7	NW.	28	SW.	0	10	5	13	11	9	0	0	0	0	0	0	0	0	0	0	0	0	4
March	5.01	2.37	.0	5.4	9.4	SE.	32	S.	1	8	15	8	6	5	0	0	0	0	0	0	0	0	0	0	0	0	2
April	6.74	1.90	.0	4.9	10.8	E.	40	SE.	1	12	10	8	10	9	0	0	0	1	1	1	0	0	0	0	0	0	5
May	.32	.09	.0	4.6	9.6	E.	23	SE.	0	12	14	5	6	4	0	0	0	0	0	0	0	0	0	0	0	0	1
June	6.05	3.61	.0	5.8	7.7	SE.	31	NE.	0	6	15	9	12	9	0	0	0	0	0	0	0	0	0	0	0	0	16
July	9.44	3.12	.0	5.9	8.0	SE.	28	SE.	0	3	22	6	17	15	0	0	0	0	0	0	0	0	2	0	0	0	14
August	.66	.29	.0	4.3	7.1	SE.	23	S.	0	13	15	3	6	5	0	0	0	0	0	0	0	0	17	0	0	0	14
September	7.03	2.45	.0	6.9	8.6	E.	26	E.	0	5	10	15	18	16	0	0	0	0	0	0	0	0	1	0	0	0	7
October	3.04	.80	.0	4.6	10.4	E.	63	E.	1	13	13	5	14	9	0	0	0	3	2	2	2	0	1	0	0	0	1
November	4.66	.98	.0	6.5	10.5	E.	27	SW.	0	6	11	13	15	13	0	0	0	0	0	0	0	0	0	0	0	0	3
December	1.19	.36	.0	7.3	9.4	E.	23	E.	0	4	8	19	10	7	0	0	0	4	2	2	0	0	0	0	0	0	0
Year	51.34	3.61	.0	5.6	9.2	SE.	63	E.	3	98	152	115	133	109	0	0	0	10	7	7	4	0	21	0	0	0	68

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

MILES CITY, MONT.

Airport [ϕ=46°26′ N.; λ=105°52′ W.] City [46°25′ N.; λ=105° 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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	27.59	30.19	27.94	27.15	18.4	15.5	24.1	25.1	17.1	14.5	21.4	22.4	33.7	11.1	22.4	53	−10	14	12	16	18	15	81	83	70	72	77
February	27.56	30.13	27.86	26.93	23.1	18.5	29.5	33.5	21.0	17.1	25.2	28.2	39.9	15.8	27.8	65	−5	16	14	18	20	17	74	79	60	55	67
March	27.58	30.13	28.09	27.12	29.4	25.9	37.7	39.1	26.8	24.3	32.2	32.1	44.1	23.5	33.8	70	1	23	22	25	24	23	77	83	61	57	70
April	27.45	29.96	27.80	26.95	41.3	36.2	50.2	52.2	38.3	34.7	42.8	43.4	56.5	36.3	46.4	74	22	35	33	35	34	34	78	87	59	54	70
May	27.39	29.85	27.89	26.92	55.3	49.9	67.0	70.0	49.2	46.1	54.1	54.4	73.7	49.1	61.4	94	33	44	42	43	42	43	67	76	45	39	57
June	27.43	29.88	27.69	27.07	60.8	57.1	71.8	73.3	55.8	54.0	60.1	60.3	77.1	56.4	66.8	100	47	53	52	53	52	52	76	84	54	51	66
July	27.48	29.91	27.70	27.16	70.0	63.1	82.8	86.8	60.3	57.7	64.7	64.4	89.6	63.4	76.5	104	55	54	54	54	51	53	60	74	41	32	52
August	27.48	29.92	27.74	27.19	67.5	60.9	78.3	82.3	60.2	57.2	63.9	63.9	84.2	61.1	72.6	102	51	56	55	56	53	55	67	82	48	38	59
September	27.41	29.89	27.86	26.99	52.0	47.7	60.6	61.9	47.6	45.2	51.4	51.6	67.4	46.3	56.8	93	30	44	43	44	44	44	76	85	59	57	69
October	27.53	30.05	27.94	27.13	41.4	37.0	50.7	51.4	38.7	35.3	44.0	44.6	58.3	35.4	46.8	74	19	36	33	38	38	36	81	87	62	62	73
November	27.50	30.04	27.93	27.10	32.6	29.8	39.7	38.8	29.9	28.0	35.0	34.6	46.9	26.5	36.7	64	−9	26	25	29	29	27	76	82	66	69	73
December	27.46	30.03	27.91	26.84	24.3	22.3	29.1	27.8	22.4	20.5	25.8	24.7	36.7	18.9	27.8	58	−20	19	17	20	20	19	79	79	69	70	74
Year	27.49	30.00	28.09	26.84	43.0	38.7	51.8	53.5	38.9	36.2	43.4	43.7	59.0	37.0	48.0	104	−20	35	34	36	35	35	74	82	58	55	67

MILWAUKEE, WIS.

[ϕ=42°57′ N.; λ=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 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	29.41	30.18	29.82	28.78	24.0	23.5	27.4	25.5	22.9	22.5	25.5	24.0	30.9	20.2	25.6	41	1	20	20	22	21	21	85	86	77	81	82
February	29.28	30.05	29.67	28.69	19.7	17.9	24.7	23.8	18.5	16.8	22.5	22.2	29.7	16.2	23.0	43	−7	15	13	18	18	16	81	81	72	78	78
March	29.33	30.10	29.73	28.70	26.5	26.0	32.9	30.2	25.2	24.6	29.3	28.0	36.1	22.5	29.3	52	−7	22	21	23	23	22	79	81	66	73	76
April	29.32	30.06	29.71	28.68	45.1	44.2	54.3	50.6	41.8	41.4	46.9	45.2	58.2	40.4	49.3	82	31	38	38	40	40	39	78	80	60	66	72
May	29.27	30.00	29.72	28.79	54.0	55.2	64.5	60.7	49.9	50.7	55.5	53.0	69.0	48.3	58.6	88	33	46	46	48	46	47	76	74	59	62	68
June	29.22	29.95	29.45	28.96	60.8	62.6	71.9	68.8	57.2	58.0	62.2	61.1	76.3	57.0	66.6	94	46	55	55	56	57	56	81	77	62	67	72
July	29.24	29.97	29.57	28.85	65.3	67.0	77.6	73.9	61.9	62.9	66.0	64.6	80.8	61.2	71.0	98	51	60	60	60	59	60	83	80	56	62	70
August	29.27	30.00	29.57	28.80	65.8	64.8	77.5	73.2	61.4	61.2	65.8	65.2	80.6	61.0	70.8	97	47	59	59	59	61	59	79	82	54	66	70
September	29.28	30.01	29.73	28.61	61.7	59.4	70.6	65.4	57.9	56.4	61.4	59.5	73.8	55.3	64.6	90	38	55	54	56	56	55	80	84	61	72	74
October	29.31	30.05	29.70	28.63	50.3	48.5	58.0	53.2	48.4	46.9	51.6	49.8	61.2	43.8	52.5	77	25	46	45	46	47	46	87	88	66	79	80
November	29.22	29.98	29.63	28.49	38.5	36.4	44.1	41.1	36.3	34.4	39.7	38.2	46.7	33.2	40.0	67	12	34	32	34	35	34	82	82	69	77	77
December	29.28	30.04	29.81	28.61	32.0	31.1	35.3	33.3	30.7	29.5	32.8	31.4	38.3	26.2	32.2	55	5	28	27	29	28	28	85	85	76	81	82
Year	29.29	30.03	29.82	28.49	45.3	44.7	53.2	50.0	42.7	42.1	46.6	45.2	56.8	40.4	48.6	98	−7	40	39	41	41	40	81	82	65	72	75

MINNEAPOLIS, MINN.

Airport [ϕ=44°53′ N.; λ=93°13′ W.] City [ϕ=44°59′ N.; λ=93°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)																							
January	29.16	30.21	29.60	28.75	16.4	14.9	20.5	19.4	15.6	14.2	18.9	18.0	25.3	9.5	17.4	41	−8	13	12	15	14	14	86	86	76	78	81
February	29.09	30.14	29.52	28.47	14.2	9.5	18.6	17.9	13.0	8.6	16.3	16.2	24.1	5.4	14.8	41	−20	9	5	10	11	9	77	80	66	72	74
March	29.08	30.12	29.47	28.51	26.0	22.2	31.7	31.6	24.3	21.0	28.1	28.7	36.0	20.2	28.1	61	−8	21	18	22	23	21	80	84	65	70	75
April	28.98	29.98	29.37	28.39	48.3	45.0	58.0	57.8	44.4	41.8	49.2	49.7	62.8	42.9	52.8	80	30	40	38	41	42	40	74	78	56	58	66
May	28.94	29.92	29.46	28.46	58.6	55.9	69.5	68.8	53.9	51.8	57.7	57.9	74.2	52.4	63.3	89	39	50	48	49	50	49	75	77	50	54	64
June	28.93	29.90	29.21	28.57	64.8	63.2	73.1	74.7	60.9	59.5	62.9	64.2	78.3	59.9	69.1	93	45	59	57	57	58	58	81	81	60	59	70
July	28.97	29.94	29.34	28.62	69.5	67.0	80.3	79.9	64.5	63.1	67.5	67.8	85.3	64.1	74.7	104	48	62	61	60	61	61	77	81	53	56	67
August	28.98	29.96	29.33	28.50	67.6	64.0	78.8	79.1	63.0	60.9	65.8	65.9	83.4	61.8	72.6	99	47	60	59	58	58	59	78	85	51	51	66
September	28.94	29.92	29.40	28.46	59.6	56.1	69.1	67.1	55.5	53.1	59.3	59.1	73.2	53.2	63.2	88	36	52	51	52	53	52	78	82	57	63	70
October	29.02	30.02	29.41	28.40	48.2	44.7	55.8	53.8	45.2	42.7	48.9	48.7	59.7	42.0	50.8	73	22	42	40	42	44	42	80	85	62	70	74
November	28.96	29.97	29.27	28.61	34.3	31.1	39.4	39.0	31.7	29.0	34.8	35.0	44.7	28.3	36.5	68	7	28	25	28	29	28	76	78	63	67	71
December	28.99	30.02	29.56	28.35	26.0	23.4	29.5	27.5	24.3	22.1	26.6	25.4	33.7	18.8	26.2	56	−3	21	19	21	21	21	80	83	70	76	77
Year	29.00	30.01	29.60	28.35	44.5	41.4	52.0	51.4	41.4	39.0	44.7	44.7	56.7	38.2	47.5	104	−20	38	36	38	39	38	78	82	61	64	71

MISSOULA, MONT.

Airport [ϕ=46°55′ N.; λ=114°05′ W.] City [λ=46°52′ N.; λ=114°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.	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 2)	(2)	(1 2)	(1 2)	(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	23.9	21.0	26.4	29.0	23.3	20.6	25.2	27.4	34.7	20.5	27.6	46	7	22	20	23	25	23	93	96	86	85	90
February	26.62	30.06	26.96	26.07	29.7	26.6	33.5	39.6	28.4	25.9	30.9	35.6	44.4	25.4	34.9	58	17	26	25	27	31	27	87	93	77	70	82
March	26.64	30.05	27.03	26.16	37.8	31.8	44.0	52.4	34.7	30.9	38.2	42.3	54.9	31.7	43.3	70	17	30	27	31	31	30	74	82	60	45	65
April	26.56	29.94	26.86	26.03	43.2	36.3	51.6	58.1	38.9	34.6	43.7	45.9	60.7	36.9	48.8	82	27	34	33	36	33	34	71	87	56	42	64
May	26.58	29.94	27.00	26.18	48.7	43.7	59.4	63.6	45.0	41.9	50.4	51.6	67.7	43.9	55.8	90	33	41	40	43	42	42	78	87	56	48	67
June	26.60	29.93	26.89	26.23	55.6	49.1	66.1	70.8	51.8	47.5	56.0	57.2	75.0	50.5	62.8	99	43	49	46	49	48	48	80	90	56	47	68
July	26.67	29.97	26.85	26.39	65.7	55.3	76.7	83.7	57.2	52.6	62.0	62.2	87.2	57.1	72.2	101	51	52	51	53	48	51	62	85	46	33	57
August	26.66	29.98	26.87	26.47	62.2	53.2	71.8	79.1	54.5	50.2	58.7	60.0	81.6	53.7	67.6	94	43	49	48	50	47	49	64	83	49	35	58
September	26.60	29.97	26.93	26.35	47.1	43.6	54.7	58.8	44.7	42.4	48.5	49.7	62.3	42.6	52.4	76	31	42	41	43	42	42	84	92	66	55	74
October	26.69	30.10	27.03	26.38	39.2	34.1	45.3	51.0	37.3	33.4	40.9	44.0	55.8	34.3	45.0	70	21	35	33	36	37	35	85	94	71	60	78
November	26.71	30.17	27.09	26.29	32.0	28.8	34.6	38.4	30.6	28.0	32.6	35.4	44.7	28.4	36.6	58	8	29	27	30	32	29	88	92	82	77	85
December	26.57	30.03	27.00	25.90	27.2	25.5	29.5	29.7	25.9	24.3	27.2	27.9	36.3	22.8	29.4	58	−6	24	22	24	25	24	86	87	78	82	83
Year	26.63	30.03	27.09	25.90	42.7	37.4	49.5	54.5	39.4	36.0	42.9	44.9	58.8	37.3	48.0	101	−6	36	34	37	37	36	79	89	65	57	73

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Miles City, 2,371 feet; Milwaukee, 681 feet; Minneapolis, 919 feet; Missoula, 3,262 feet.

[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

MILES CITY, MONT.

Airport [H=2,629 ft.; H_b=2,634 ft.; H_t=5 ft.; H_r=2 ft.; H_a=29 ft.] City [H=2,351 ft.; H_b=2,371 ft.; H_t=48 ft.; H_r=41 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	0.84 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	0.07	0.03	2.4	7.0	5.0	S.	18	NW.	0	4	10	17	3	0	10	3	0	3	2	2	1	15	0	0	31	7	0
February	.22	.13	3.7	5.4	6.3	NE.	22	NW.	0	7	14	7	5	2	10	5	0	0	0	0	0	7	0	0	27	2	0
March	.23	.12	1.2	7.5	6.9	NW.	37	N.	1	3	11	17	8	1	14	8	0	0	0	0	0	6	0	0	27	0	0
April	1.65	.49	3.0	7.1	7.5	NE.	23	N.	0	3	11	16	10	9	5	5	0	1	1	1	0	1	0	0	7	0	3
May	1.94	.66	.0	5.5	7.2	NW.	39	NW.	1	7	16	8	10	7	0	0	0	0	0	0	0	0	2	0	0	0	6
June	2.70	.61	.0	6.5	7.3	SE.	31	NW.	0	6	8	16	13	10	0	0	1	0	0	0	0	0	5	2	0	0	8
July	2.02	.98	.0	4.8	6.0	NW.	25	NW.	0	10	17	4	9	6	0	0	1	0	0	0	0	0	15	9	0	0	6
August	2.43	.66	.0	5.5	6.0	NE.	26	NW.	0	5	21	5	14	7	0	0	0	0	0	0	0	0	8	3	0	0	16
September	4.01	2.09	2.7	6.8	6.1	S.	29	NE.	0	7	6	17	11	6	1	1	0	0	0	0	0	0	1	0	2	0	5
October	1.46	1.12	4.3	5.5	5.7	S.	25	NW.	0	12	8	11	3	3	4	2	0	3	1	0	0	1	0	0	4	0	0
November	.48	.20	3.5	6.1	6.5	S.	36	NW.	1	9	8	13	5	4	6	4	0	2	0	0	0	3	0	0	21	1	0
December	.55	.31	4.6	7.4	5.8	S.	34	NW.	1	5	7	19	6	5	9	4	0	2	0	0	0	10	0	0	29	2	0
Year	17.76	2.09	25.4	6.3	6.4	S.	39	NW.	4	78	137	150	97	60	59	32	2	11	4	3	1	43	31	14	148	12	44

MILWAUKEE, WIS.

Airport [H=674 ft.; H_b=693 ft.; H_t=33 ft.; H_r=31 ft.; H_a=66 ft.]

January	2.50	0.93	7.4	7.8	13.8	W.	31	N.	0	5	4	22	11	8	16	7	0	8	2	1	1	17	0	0	30	0	0
February	.63	.40	2.7	6.9	13.8	NW.	33	NW.	1	4	9	15	7	3	17	6	0	7	1	0	0	16	0	0	27	3	0
March	1.82	.83	4.3	7.2	11.3	N.	38	W.	2	5	8	18	9	6	12	7	0	14	2	0	1	6	0	0	30	1	0
April	1.93	.42	T	6.1	12.6	SW.	47	SW.	2	8	6	16	9	8	1	0	0	9	1	3	3	0	0	0	3	0	4
May	3.03	1.29	.0	5.4	11.1	SW.	50	S.	4	9	14	8	14	10	0	0	2	11	5	4	2	0	0	0	0	0	8
June	3.42	1.53	.0	6.0	10.1	SW.	35	SW.	1	8	9	13	9	7	0	0	0	13	4	3	5	0	6	0	0	0	3
July	2.93	1.01	.0	5.4	9.2	SW.	35	SW.	1	8	16	7	9	7	0	0	0	3	0	0	0	0	6	3	0	0	12
August	1.29	.39	.0	5.2	10.0	SW.	35	W.	2	9	12	10	7	4	0	0	0	9	0	0	0	0	3	1	0	0	5
September	9.87	5.28	.0	5.6	12.6	SW.	52	SW.	5	9	9	12	10	10	0	0	0	8	2	0	0	0	1	0	0	0	4
October	2.86	1.08	.0	6.4	10.5	S.	42	SW.	5	9	6	16	17	13	0	0	0	18	8	5	4	0	0	0	3	0	3
November	.93	.33	3.1	7.0	14.8	SW.	34	W.	2	6	5	19	9	7	8	3	0	7	1	1	1	2	0	0	13	0	1
December	1.29	.51	8.5	8.1	12.7	NW.	36	SW.	1	5	1	25	7	7	15	4	0	17	7	4	4	11	0	0	23	0	0
Year	32.50	5.28	26.0	6.4	11.8	SW.	52	SW.	26	85	99	181	118	90	69	27	2	124	33	21	21	52	16	4	129	4	40

MINNEAPOLIS, MINN.

Airport [H=830 ft.; H_b=838 ft.; H_t=43 ft.; H_r=42 ft.; H_a=61 ft.] City [H=839 ft.; H_b=919 ft.; H_t=105 ft.; H_r=97 ft.; H_a=208 ft.]

January	0.74	0.44	3.3	6.9	9.7	SE.	28	W.	0	8	6	17	8	4	21	8	0	15	4	2	1	25	0	0	31	7	0
February	.89	.56	5.5	5.2	11.0	NW.	34	NW.	1	10	7	11	7	5	18	6	0	11	3	1	1	22	0	0	28	11	0
March	.77	.18	6.8	6.2	10.4	N.	43	NW.	1	8	7	16	10	8	14	10	0	13	2	0	1	6	0	0	29	2	0
April	1.87	.57	T	7.2	11.6	SE.	37	SW.	2	3	10	17	10	9	3	2	2	4	1	0	1	0	0	0	2	0	4
May	2.91	1.30	.0	6.5	11.3	S.	37	NW.	3	5	13	13	13	9	0	0	0	11	3	0	1	0	0	0	0	0	7
June	3.29	.90	.0	6.7	9.8	S.	28	S.	0	7	9	14	12	9	0	0	0	17	3	1	1	0	4	0	0	0	3
July	1.98	.69	.0	5.9	8.2	S.	32	NE.	1	7	12	12	9	8	0	0	0	10	1	1	0	0	9	5	0	0	9
August	3.66	2.65	.0	5.0	8.5	SE.	32	N.	1	10	13	8	11	8	0	0	0	10	2	0	0	0	9	2	0	0	6
September	3.47	1.12	.0	6.6	11.7	S.	38	W.	2	4	10	16	14	7	0	0	0	10	1	1	1	0	0	0	0	0	5
October	5.52	1.84	T	6.1	9.7	SE.	33	W.	1	10	5	16	16	10	2	2	0	18	4	2	2	0	0	0	3	0	1
November	1.05	.60	3.8	7.3	10.6	NW.	26	N.	0	5	7	18	5	2	10	2	0	9	1	2	1	4	0	0	23	0	2
December	.85	.46	8.6	6.5	11.5	NW.	33	NW.	1	8	8	15	10	5	15	8	0	16	4	7	4	14	0	0	28	2	0
Year	27.00	2.65	28.0	6.3	10.3	SE.	43	NW.	13	85	107	173	125	84	83	38	2	144	29	17	14	71	22	7	144	22	37

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=3,204 ft.; H_b=3,263 ft.; H_t=80 ft.; H_r=77 ft.; H_a=91 ft.]

January	0.55	0.20	3.7	7.1	5.0	SE.	23	SE.	0	5	7	19	11	6	13	8	0	11	8	4	1	13	0	0	30	0	0
February	.63	.33	3.3	6.4	5.9	SE.	22	NE.	0	4	14	10	5	4	8	3	0	3	0	0	0	0	0	0	25	0	0
March	.27	.10	T	5.5	7.4	SE.	33	NE.	1	10	8	13	5	3	2	0	1	0	1	1	1	0	0	0	15	0	0
April	1.04	.33	1.4	6.0	7.1	E.	39	E.	1	9	7	14	10	7	2	1	0	1	0	0	0	0	0	0	6	0	0
May	2.72	1.02	T	6.9	6.8	NW.	30	NW.	0	3	14	14	19	12	1	0	0	0	0	0	0	0	0	0	0	0	4
June	3.10	.90	.0	6.8	6.5	NW.	31	E.	0	6	8	16	16	12	0	0	0	0	0	0	0	0	3	1	0	0	6
July	1.38	.38	.0	4.0	6.3	SE.	38	S.	1	15	10	6	10	6	0	0	1	0	0	0	0	0	7	4	0	0	12
August	.93	.31	.0	5.3	5.8	SE.	24	E.	0	9	11	11	10	7	0	0	0	0	0	0	0	0	4	0	0	0	7
September	1.62	.34	.0	7.7	5.7	SE.	27	W.	0	4	7	19	16	13	0	0	1	2	1	0	0	0	0	0	1	0	3
October	1.07	.49	T	5.6	5.7	SE.	32	NE.	1	11	6	14	8	7	3	1	1	4	6	0	0	0	0	0	5	0	0
November	1.55	.61	.7	7.3	5.5	SE.	21	NW.	0	4	8	18	11	9	0	2	0	12	7	5	5	3	0	0	21	0	0
December	.93	.26	5.9	8.2	7.3	SE.	38	E.	2	4	3	24	16	7	18	10	0	4	1	0	0	11	0	0	26	1	0
Year	15.79	1.02	15.0	6.4	6.3	SE.	39	E.	6	84	103	178	137	93	53	25	4	37	24	10	7	27	14	5	130	1	32

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

MOBILE, ALA.

Airport [ϕ=30°41′ N.; λ=88°12′ W.] City [ϕ=30°42′ N.; λ=88°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
	In. (1 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	30.11	30.17	30.44	29.57	48.0	44.2	68.7	54.3	45.7	42.8	51.0	49.9	63.1	42.6	52.8	73	31	43	41	43	45	43	83	89	58	72	75
February	30.00	30.06	30.28	29.59	45.6	42.7	54.1	51.8	43.0	40.7	46.5	46.6	58.8	41.1	50.0	68	28	40	38	38	41	39	81	84	57	68	73
March	29.99	30.06	30.39	29.61	51.0	48.2	59.9	57.3	48.0	46.1	52.4	51.9	64.4	45.9	55.2	77	29	45	44	44	46	45	80	84	59	68	73
April	29.97	30.03	30.27	29.56	62.2	60.8	74.8	69.7	60.2	59.3	64.5	63.2	77.3	60.0	68.6	85	51	59	58	58	59	59	90	92	58	70	77
May	29.98	30.04	30.17	29.74	67.2	66.4	82.3	77.2	64.3	63.8	69.0	67.7	84.5	65.4	75.0	95	55	63	62	62	62	62	86	87	51	62	72
June	29.95	30.01	30.11	29.77	74.9	74.7	84.2	79.3	73.3	73.0	75.4	74.6	88.2	72.5	80.4	95	69	73	72	72	73	72	93	92	67	81	83
July	29.94	29.99	30.10	29.80	76.7	75.7	84.6	81.8	74.9	74.3	76.6	76.7	89.7	74.1	81.9	97	70	74	74	74	75	74	92	94	71	80	84
August	29.94	30.00	30.06	29.82	77.6	76.3	88.0	82.7	75.2	74.3	77.5	77.1	92.5	75.0	83.8	98	71	74	74	74	75	74	90	91	63	79	81
September	29.95	30.01	30.17	29.75	76.3	74.2	84.3	80.2	73.3	71.3	75.1	74.9	88.1	73.3	80.7	96	68	72	71	71	72	72	87	90	66	79	80
October	30.00	30.06	30.21	29.81	71.6	68.4	81.8	76.9	68.5	66.3	71.3	71.1	84.6	66.7	75.6	94	50	67	65	66	68	66	85	90	61	76	78
November	30.05	30.11	30.36	29.65	53.5	49.3	64.7	59.7	50.5	47.1	55.6	54.3	68.5	47.4	58.0	78	33	47	45	48	50	47	80	86	57	70	73
December	30.04	30.10	30.35	29.59	50.9	48.5	60.7	55.5	48.6	46.5	53.4	51.9	65.0	46.3	55.6	79	33	46	44	46	48	46	84	85	62	78	77
Year	29.99	30.06	30.44	29.59	63.0	60.8	73.2	68.9	60.5	58.8	64.0	63.3	77.1	59.2	68.1	98	28	59	57	58	60	58	86	89	61	74	77

MODENA, UTAH

[ϕ=37°48′ N.; λ=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
January	------	------	24.94	24.33	------	------	------	------	------	------	------	------	42.1	22.4	32.2	50	11	------	------	------	------	------	------	------	------	------	------
February	------	------	24.86	24.06	------	------	------	------	------	------	------	------	48.0	28.5	38.2	59	15	------	------	------	------	------	------	------	------	------	------
March	------	------	24.95	24.16	------	------	------	------	------	------	------	------	52.6	26.3	39.4	64	15	------	------	------	------	------	------	------	------	------	------
April	------	------	24.67	24.11	------	------	------	------	------	------	------	------	53.8	29.1	41.4	69	20	------	------	------	------	------	------	------	------	------	------
May	------	------	24.74	24.22	------	------	------	------	------	------	------	------	72.1	39.9	56.0	84	29	------	------	------	------	------	------	------	------	------	------
June	------	------	24.80	24.32	------	------	------	------	------	------	------	------	77.6	43.6	60.6	87	34	------	------	------	------	------	------	------	------	------	------
July	------	------	24.84	24.46	------	------	------	------	------	------	------	------	86.7	51.9	69.3	97	44	------	------	------	------	------	------	------	------	------	------
August	------	------	24.82	24.48	------	------	------	------	------	------	------	------	81.3	50.7	66.0	89	38	------	------	------	------	------	------	------	------	------	------
September	------	------	24.84	24.31	------	------	------	------	------	------	------	------	73.3	38.7	56.0	86	31	------	------	------	------	------	------	------	------	------	------
October	------	------	24.93	24.27	------	------	------	------	------	------	------	------	58.2	31.8	45.0	77	21	------	------	------	------	------	------	------	------	------	------
November	------	------	25.01	24.12	------	------	------	------	------	------	------	------	53.7	24.0	38.8	71	5	------	------	------	------	------	------	------	------	------	------
December	------	------	24.89	24.04	------	------	------	------	------	------	------	------	41.7	20.2	31.0	62	−4	------	------	------	------	------	------	------	------	------	------
Year	------	------	25.01	24.04	------	------	------	------	------	------	------	------	61.8	33.9	47.8	97	−4	------	------	------	------	------	------	------	------	------	------

MONTGOMERY, ALA.

Airport [ϕ=32°24′ N.; λ=86°14′ W.] City [ϕ=32°23′ N.; λ=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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.94	30.18	30.31	29.40	44.2	40.7	55.0	52.0	41.3	38.7	47.0	45.7	59.4	40.0	49.7	71	31	38	36	37	38	37	78	83	54	60	69
February	29.83	30.07	30.11	29.41	41.7	37.9	49.5	48.0	38.1	35.6	41.7	41.9	54.0	37.1	45.6	66	27	33	32	31	34	33	72	80	52	60	66
March	29.82	30.06	30.21	29.42	47.8	44.2	57.5	55.5	43.7	41.4	48.5	48.1	61.3	42.7	52.0	75	26	39	38	38	40	38	71	79	51	57	65
April	29.82	30.05	30.14	29.43	61.1	58.0	73.9	71.0	57.1	55.6	61.4	61.0	77.4	57.7	67.6	85	48	54	54	53	54	54	78	87	50	57	68
May	29.80	30.03	30.04	29.56	68.7	65.8	84.3	81.0	62.0	61.1	65.8	65.2	86.8	64.8	75.8	96	52	58	58	54	55	56	69	76	37	43	56
June	29.77	30.00	29.98	29.54	73.8	73.1	84.8	82.0	69.8	70.1	72.2	71.5	88.5	70.7	79.6	95	64	68	69	66	66	67	82	86	56	62	72
July	29.76	29.99	29.92	29.60	75.0	75.1	86.2	81.6	73.4	73.4	76.5	75.5	90.2	73.1	81.6	96	70	73	73	73	73	73	93	92	65	76	82
August	29.77	30.00	29.98	29.62	75.4	74.1	88.1	82.2	73.3	72.5	76.8	75.2	91.1	73.6	82.4	96	70	72	72	72	72	72	90	93	60	73	79
September	29.82	30.05	30.05	29.58	73.4	70.8	86.6	81.0	69.5	68.3	73.1	72.1	88.8	71.0	79.9	97	63	68	67	67	68	67	83	88	53	66	72
October	29.86	30.09	30.10	29.60	66.9	63.7	81.8	75.7	63.1	61.8	68.0	66.6	83.9	64.1	74.0	94	48	61	60	60	61	60	81	90	50	62	71
November	29.89	30.12	30.20	29.43	50.7	45.7	63.5	57.5	47.6	44.0	52.8	51.1	67.1	46.0	56.6	78	33	44	42	43	45	44	80	88	49	64	70
December	29.88	30.11	30.16	29.32	47.3	43.8	57.5	54.1	45.0	42.2	49.7	48.7	63.7	44.0	52.4	75	31	42	40	42	43	42	83	87	57	68	74
Year	29.83	30.06	30.31	29.32	60.5	57.7	72.4	68.5	57.0	55.4	61.1	60.2	75.8	57.1	66.4	97	26	54	53	53	54	54	80	86	53	62	70

MOORHEAD, MINN.

Airport [ϕ=46°54′ N.; λ=96°48′ W.] City [ϕ=46°52′ N.; λ=96°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.	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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.16	30.24	29.57	28.80	10.2	7.8	12.8	11.7	9.8	7.5	12.0	11.3	19.2	1.9	10.6	39	−20	8	6	10	10	9	91	93	86	92	90
February	29.02	30.21	29.60	28.51	8.0	5.2	13.8	12.9	7.7	5.0	12.8	12.2	18.1	.5	9.3	35	−23	7	6	10	10	8	93	94	81	88	89
March	29.09	30.15	29.53	28.49	23.3	20.1	28.1	29.5	22.6	19.6	26.3	27.7	32.1	16.6	24.4	56	−8	21	19	23	25	22	92	93	80	82	87
April	28.95	29.98	29.39	28.53	43.9	41.1	50.7	52.2	41.7	39.4	45.6	47.2	55.6	38.3	47.0	77	20	39	38	41	43	40	84	87	70	72	78
May	28.87	29.88	29.46	28.29	55.2	52.0	68.0	67.5	50.8	49.0	57.3	57.3	71.1	48.2	59.5	90	31	47	46	49	50	48	75	81	54	57	67
June	28.88	29.88	29.27	28.40	62.1	60.4	73.5	72.6	59.0	58.0	64.1	64.4	75.8	56.8	66.3	92	42	57	56	59	60	58	85	87	63	68	76
July	28.93	29.92	29.28	28.60	66.2	64.1	80.3	80.8	61.8	61.0	67.0	67.3	83.7	61.3	72.5	102	47	60	59	60	60	60	80	85	52	52	67
August	28.95	29.95	29.29	28.51	63.9	59.9	77.4	77.2	60.4	58.0	65.1	65.6	80.7	58.4	69.6	100	42	58	57	58	59	58	82	90	53	55	70
September	28.86	29.87	29.35	28.40	54.6	51.6	64.3	62.8	51.5	49.6	55.9	54.8	67.7	48.9	58.3	90	32	49	48	51	52	50	83	89	65	76	76
October	28.98	30.01	29.44	28.04	43.2	39.2	52.8	48.6	40.8	37.5	49.0	44.0	56.3	36.6	46.4	74	15	38	35	39	39	38	82	86	62	70	75
November	28.94	29.99	29.30	28.47	27.7	26.7	35.9	32.5	26.3	25.4	32.4	30.1	34.3	23.6	31.4	60	4	24	23	27	26	25	84	85	70	78	79
December	28.97	30.03	29.59	28.24	19.9	17.3	23.8	22.2	18.8	16.4	21.7	20.6	29.5	12.4	21.0	55	−7	16	14	18	18	17	86	88	78	82	83
Year	28.97	30.01	29.60	28.04	39.8	37.1	48.4	47.5	37.6	35.6	42.2	41.9	52.4	33.6	4.30	102	−23	35	34	37	3[illegible]	36	85	88	6[illegible]	72	78

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Mobile, 57 feet; Montgomery, 237 feet; Moorhead, 940 feet.

[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

MOBILE, ALA.

Airport [H=217 ft.; H_b=221 ft.; H_t=6 ft.; H_r=4 ft.; H_a=28.5 ft.] City [H=10 ft.; H_b=57 ft.; H_t=86 ft.; H_r=78 ft.; H_a=161 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	0.84 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	3.53	2.24	0.0	5.5	9.6	N.	34	NW.	1	9	11	11	7	6	0	0	1	2	1	0	1	0	0	0	2	0	2
February	4.21	1.19	.0	6.2	10.4	NW.	28	NW.	0	7	9	12	8	6	0	0	0	3	0	0	0	0	0	0	1	0	1
March	5.49	1.94	.0	6.5	11.0	N.	33	SE.	2	7	7	17	10	7	0	0	0	3	1	0	0	0	0	0	1	0	2
April	2.34	1.41	.0	5.5	10.0	S.	30	E.	0	8	14	8	5	4	0	0	0	2	3	0	2	0	0	0	0	0	4
May	1.42	1.11	.0	4.8	10.0	S.	32	SE.	1	10	13	8	2	2	0	0	0	0	0	0	0	0	4	0	0	0	3
June	10.11	4.00	.0	7.0	7.2	S.	27	W.	0	3	12	15	14	11	0	0	0	0	0	0	0	0	11	0	0	0	13
July	13.60	3.87	.0	7.0	5.7	SW.	22	NE.	0	1	15	15	17	14	0	0	0	2	0	0	1	0	14	3	0	0	18
August	3.71	1.59	.0	6.1	5.8	SW.	26	N.	0	4	16	11	12	9	0	0	0	0	0	0	0	0	28	6	0	0	19
September	5.21	2.86	.0	5.2	6.8	NE.	20	E.	0	11	8	11	11	8	0	0	0	1	1	1	1	0	11	1	0	0	6
October	3.91	2.23	.0	5.0	8.4	N.	25	E.	0	8	17	6	6	5	0	0	0	2	1	0	0	0	5	0	0	0	2
November	3.72	2.62	.0	5.0	9.6	N.	26	N.	0	11	10	9	7	5	0	0	0	1	1	1	0	0	0	0	0	0	1
December	7.34	4.16	.0	6.5	9.3	N.	42	SE.	1	6	10	15	10	10	0	0	0	5	2	3	3	0	0	0	0	0	4
Year	64.59	4.16	.0	5.9	8.6	N.	42	SE.	5	85	142	138	109	87	0	0	1	21	10	5	8	0	73	10	4	0	75

MODENA, UTAH

[H=5,473 ft.; H_b=5,466 ft.; H_t=10 ft.; H_r=3 ft.; H_a=46 ft.]

January	0.42	0.15	5.2	7.5	7.4	W.	28	NW.	0	4	7	20	13	5	15	11	0	1	0	0	0	1	0	0	31	0	0
February	1.89	.53	1.4	8.3	7.1	SW.	31	SW.	0	3	2	23	12	7	9	5	2	3	2	0	0	0	0	0	19	0	2
March	2.47	.74	1.5	5.7	9.1	SW.	27	SW.	0	12	4	15	11	9	9	8	3	0	0	0	0	0	0	0	28	0	1
April	2.79	1.00	4.4	6.5	9.6	SW.	34	SW.	1	4	14	12	15	10	10	8	6	3	0	0	0	0	0	0	26	0	7
May	.41	.20	T	4.0	10.8	W.	43	SW.	3	14	11	6	7	6	1	1	1	0	0	0	0	0	0	0	2	0	4
June	.45	.33	.0	3.2	10.7	SW.	34	SW.	3	16	11	3	5	2	0	0	2	0	0	0	0	0	0	0	0	0	5
July	1.45	.78	.0	4.0	9.1	W.	30	NE.	0	15	10	6	11	6	0	0	3	0	0	0	0	0	11	2	0	0	13
August	.53	.19	.0	4.6	9.7	SW.	32	S.	1	15	7	9	8	4	0	0	0	0	0	0	0	0	0	0	0	0	7
September	.45	.43	T	2.6	10.7	SW.	36	S.	4	19	9	2	3	1	1	0	0	0	0	0	0	0	0	0	1	0	1
October	3.67	1.69	.5	6.1	8.6	W.	30	NE.	0	9	8	14	11	10	3	2	2	5	4	1	5	0	0	0	14	0	5
November	.24	.22	.2	4.0	8.4	W.	35	SW.	1	17	4	9	3	1	3	1	0	1	1	1	1	0	0	0	24	0	0
December	1.51	.45	14.4	6.8	8.0	SW.	32	S.	1	8	2	21	12	8	14	10	1	0	0	0	0	5	0	0	30	2	0
Year	16.28	1.69	27.6	5.3	9.1	SW.	43	SW.	14	136	89	140	111	69	65	46	20	13	7	2	6	6	11	2	175	2	45

MONTGOMERY, ALA.

Airport [H=221 ft.; H_b=237 ft.; H_t=5 ft.; H_r=3 ft.; H_a=42 ft.] City [H=201 ft.; H_b=237 ft.; H_t=92 ft.; H_r=90 ft.; H_a=105 ft.]

January	3.03	1.52	0.0	5.4	7.0	N.	19	N.	0	10	12	9	5	5	0	0	0	7	6	5	4	0	0	0	5	0	2
February	3.01	.90	T	5.7	7.5	N.	22	N.	0	10	6	12	10	8	1	0	0	1	0	0	0	0	0	0	5	0	0
March	4.84	2.51	.0	6.3	8.5	N.	24	SW.	0	8	8	15	14	12	0	0	0	1	0	0	0	0	0	0	2	0	2
April	1.96	.58	.0	5.4	6.6	E.	24	W.	0	11	8	11	9	8	0	0	0	3	1	1	1	0	0	0	0	0	3
May	.68	.68	.0	3.3	6.7	N.	18	N.	0	18	8	5	1	1	0	0	0	1	0	0	0	0	11	2	0	0	2
June	5.02	1.28	.0	5.8	6.4	SW.	21	SW.	0	9	12	9	13	8	0	0	0	1	1	0	0	0	13	1	0	0	12
July	8.04	1.07	.0	5.3	6.0	SW.	21	W.	0	8	19	4	23	18	0	0	0	1	1	0	0	0	22	3	0	0	16
August	2.94	1.30	.0	4.4	5.8	W.	23	NE.	0	11	14	6	10	9	0	0	0	1	1	1	1	0	23	3	0	0	11
September	4.35	2.50	.0	4.6	6.6	E.	21	E.	0	14	7	9	9	7	0	0	0	0	0	0	0	0	12	3	0	0	4
October	1.10	.87	.0	4.6	6.4	E.	21	SW.	0	12	12	7	4	4	0	0	0	1	0	0	0	0	6	0	0	0	0
November	1.34	.75	.0	3.7	6.4	N.	18	NW.	0	18	6	6	6	5	0	0	0	1	0	0	0	0	0	0	0	0	2
December	10.32	4.99	.0	6.3	6.7	E.	21	SE.	0	7	9	15	9	9	0	0	0	1	1	0	0	0	0	0	1	0	4
Year	46.63	4.99	T	5.1	6.7	N.	24	W.	0	136	121	108	113	94	1	0	0	19	11	7	6	0	87	12	13	0	58

MOORHEAD, MINN.

Airport H=895 ft. H_b=899 ft.; H_t=5 ft.; H_r=4 ft.; H_a=43 ft.] City [H=904 ft.; H_b=940 ft.; H_t=50 ft.; H_r=43 ft.; H_a=58 ft.]

January	0.66	0.36	10.7	7.2	8.6	S.	22	NW.	0	7	5	19	12	4	22	11	0	7	1	0	0	27	0	0	31	12	0
February	.17	.10	3.3	5.4	8.6	N.	27	NW.	0	9	9	10	7	1	14	7	0	7	1	1	0	27	0	0	28	13	0
March	.54	.31	5.2	6.4	8.7	N.	41	W.	2	8	7	16	9	4	9	8	0	5	1	2	0	15	0	0	31	4	0
April	3.51	.79	.5	7.9	9.2	N.	25	SE.	0	2	8	20	20	17	5	2	1	12	1	1	2	0	0	0	7	0	3
May	1.35	.58	.0	6.7	9.7	S.	27	S.	0	7	9	15	7	5	0	0	1	6	2	1	0	0	1	0	2	0	3
June	5.45	2.50	.0	6.1	7.6	S.	22	S.	0	9	6	15	11	8	0	0	1	7	2	1	0	0	1	0	0	0	5
July	1.34	.96	.0	4.9	7.1	S.	29	N.	0	11	13	7	7	4	0	0	0	5	2	1	1	0	9	4	0	0	5
August	2.85	1.69	.0	5.5	7.3	N.	27	NE.	0	7	17	7	14	12	0	0	0	7	2	2	2	0	6	1	0	0	12
September	3.57	.74	T	5.8	9.5	S.	32	NE.	1	8	11	11	12	10	1	0	0	7	1	0	1	0	1	0	1	0	6
October	1.93	.80	1.1	5.7	8.2	S.	29	S.	0	9	10	12	7	7	1	1	0	13	4	2	2	0	0	0	7	0	0
November	.09	.05	1.0	6.9	8.8	N.	27	NW.	0	8	4	18	4	1	12	2	0	4	2	2	1	9	0	0	30	0	0
December	.22	.11	2.6	6.7	9.1	N.	25	N.	0	6	9	16	5	3	11	5	0	10	6	7	3	17	0	0	29	6	0
Year	21.68	2.50	24.4	6.3	8.5	S.	41	W.	3	91	108	166	115	76	75	36	3	90	25	20	12	95	18	5	166	35	34

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

MOUNT WASHINGTON OBSERVATORY, N. H.
[ϕ=44°16′ N.; λ=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
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	23.44	30.07	23.85	22.84	6.0	5.7	7.5	5.9	5.0	4.9	6.1	4.8	13.8	−1.5	6.2	32	−30	0	−2	2	0	0	79	74	80	79	78
February	23.22	29.80	23.85	22.65	4.9	5.5	7.2	4.9	4.2	4.8	6.7	4.5	11.9	−1.9	5.0	31	−22	1	2	5	3	3	86	87	92	91	89
March	23.26	29.85	23.75	22.41	5.6	6.2	7.3	5.6	5.1	5.5	7.0	5.0	12.7	.0	6.4	29	−26	4	3	6	3	4	92	90	96	89	92
April	23.72	30.08	24.05	23.26	25.9	26.5	32.0	28.2	24.3	24.8	29.7	26.2	34.5	21.3	27.9	60	3	22	21	26	23	23	83	81	80	81	81
May	23.66	29.90	24.03	23.20	33.0	33.1	37.6	35.5	31.7	32.0	34.4	33.9	41.2	28.0	34.6	60	16	30	31	33	32	32	88	90	85	88	88
June	23.80	29.94	24.11	23.24	42.5	43.6	48.6	45.6	40.3	41.5	45.8	43.5	50.6	38.7	44.6	66	24	38	39	43	42	40	86	86	84	87	86
July	23.88	29.95	24.15	23.63	48.2	49.1	53.3	50.7	45.5	46.6	50.7	48.6	56.1	43.5	49.8	68	33	43	44	49	47	46	84	85	86	88	86
August	23.77	29.93	24.05	23.37	41.8	42.1	45.2	44.9	40.7	40.5	43.2	42.5	48.0	37.1	42.6	61	25	40	39	42	42	40	93	90	88	95	92
September	23.84	30.02	24.18	23.20	42.5	41.3	46.8	43.3	38.2	37.6	40.7	38.2	49.7	35.0	42.4	61	16	32	31	35	31	32	72	75	72	68	72
October	23.65	29.97	24.13	23.05	29.1	28.6	30.9	30.3	27.4	27.1	28.9	28.8	36.2	21.6	28.9	54	−2	24	24	25	26	25	86	84	81	86	84
November	23.53	29.96	23.98	23.06	20.3	20.1	20.6	19.6	19.6	19.2	19.9	19.2	26.5	14.2	20.4	43	−13	18	17	18	17	18	90	89	91	92	90
December	23.46	29.98	23.93	22.80	13.7	15.3	15.3	12.7	12.7	14.1	14.2	11.6	21.5	5.7	13.6	43	−23	10	12	13	9	11	86	86	87	86	86
Year	23.60	29.95	24.18	22.41	26.1	26.4	29.4	27.3	24.6	24.9	27.3	25.6	33.6	20.1	26.9	68	−30	22	22	25	23	23	85	85	85	86	85

NANTUCKET, MASS.
[ϕ=41°17′ N.; λ=70°06′ 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	30.03	30.04	30.51	29.31	30.8	29.0	33.0	31.2	28.4	27.1	29.7	28.4	35.4	26.2	30.8	50	10	23	23	23	23	23	72	76	65	69	71
February	29.79	29.81	30.35	28.95	29.2	28.6	34.8	31.7	27.0	26.3	30.6	29.3	37.0	26.0	31.5	49	18	22	21	23	24	22	73	72	60	74	70
March	29.83	29.84	30.42	29.27	31.5	32.8	37.5	33.2	29.3	30.1	33.2	30.7	40.2	28.1	34.2	48	16	25	25	26	26	25	75	72	63	74	71
April	30.03	30.04	30.44	29.56	43.3	45.3	50.7	43.5	40.5	41.9	44.7	41.0	53.6	39.5	46.6	73	32	38	38	38	38	38	81	77	64	82	76
May	29.87	29.89	30.23	29.39	50.6	55.5	60.7	51.9	47.9	50.7	52.9	48.7	63.1	47.3	55.2	82	38	45	46	46	46	46	83	73	61	80	74
June	29.93	29.94	30.24	29.53	57.7	61.6	66.4	59.0	55.5	57.6	60.1	56.5	68.2	55.3	61.8	86	46	54	55	56	54	55	87	79	70	86	81
July	29.96	29.97	30.23	29.61	63.4	66.5	70.8	64.4	62.2	63.9	64.8	62.5	72.4	61.2	66.8	79	56	61	62	61	61	62	94	87	74	90	89
August	29.92	29.93	30.34	29.49	64.0	67.7	72.9	65.5	61.2	63.2	65.2	62.0	74.8	61.2	68.0	84	55	59	60	61	60	60	86	78	67	82	78
September	30.07	30.08	30.44	29.62	61.0	63.6	69.1	61.3	57.7	59.4	61.7	58.0	70.6	56.8	63.7	81	45	55	56	57	55	56	82	78	66	82	77
October	30.05	30.06	30.58	29.52	54.6	55.4	60.0	55.1	51.4	51.5	54.7	51.3	62.3	49.3	55.8	82	38	48	48	50	47	48	90	76	71	77	76
November	30.01	30.03	30.55	29.42	47.1	47.4	53.3	48.2	44.1	44.5	48.3	45.1	55.3	41.8	48.6	62	33	40	41	43	41	41	78	79	70	78	76
December	30.00	30.01	30.56	29.10	37.0	36.5	41.7	38.6	34.7	34.7	37.9	36.1	44.0	31.9	38.0	60	13	31	32	32	32	32	78	82	69	77	76
Year	29.96	29.97	30.58	28.95	47.5	49.2	54.2	48.6	45.0	45.9	48.6	45.8	56.4	43.7	50.1	86	10	42	42	43	42	42	81	77	67	79	76

NASHVILLE, TENN.
Airport [ϕ=36°07′ N.; λ=86°41′ W.] City [ϕ=36°10′ N.; λ=86°47′ 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 2) 29.59	(2) 30.19	(1 2) 29.94	(1 2) 28.96	(2) 37.2	(2) 35.3	(2) 44.4	(2) 41.8	(2) 34.8	(2) 33.4	(2) 39.1	(2) 38.0	47.9	31.0	40.4	63	16	(2) 31	(2) 30	(2) 32	(2) 33	(2) 32	(2) 78	(2) 82	(2) 63	(2) 71	(2) 74
February	29.50	30.10	29.82	29.07	33.7	30.1	40.6	39.9	30.4	27.7	34.6	34.9	44.1	29.2	36.6	60	19	25	23	25	27	25	70	76	54	61	65
March	29.48	30.08	29.92	29.04	39.5	35.8	49.7	48.5	35.5	33.2	41.8	41.8	53.5	35.0	44.2	71	19	30	29	32	33	31	69	77	53	57	64
April	29.46	30.04	29.82	29.04	58.0	54.8	71.0	68.3	52.9	51.2	57.7	57.4	73.3	54.7	64.0	84	45	49	48	47	49	48	73	79	46	53	63
May	29.45	30.03	29.69	29.14	64.4	62.7	80.8	78.4	58.3	57.7	63.5	63.0	82.4	60.0	71.2	95	47	54	54	52	53	53	70	75	38	42	56
June	29.39	29.96	29.63	29.13	71.0	70.6	86.2	82.6	65.6	66.3	69.5	69.1	87.9	67.5	77.7	98	56	63	64	61	62	62	76	80	45	53	63
July	29.39	29.96	29.59	29.21	74.3	74.0	86.7	82.7	71.1	70.9	73.9	73.4	90.4	70.9	80.6	97	64	70	70	68	70	69	86	86	56	66	74
August	29.42	29.99	29.66	29.26	73.5	72.2	85.5	82.2	70.1	69.3	73.1	73.3	89.7	69.6	79.6	99	62	68	68	68	69	68	83	87	57	67	74
September	29.48	30.06	29.76	29.02	60.3	65.4	85.9	81.4	64.2	61.9	69.5	68.2	89.2	63.2	76.2	96	44	61	60	61	61	61	76	82	44	52	64
October	29.51	30.10	29.76	29.03	62.9	58.8	76.0	71.5	58.2	55.6	63.6	61.7	79.0	56.5	67.8	93	36	55	53	56	55	55	76	83	52	58	67
November	29.54	30.13	29.92	28.96	43.5	39.0	54.7	50.2	40.9	37.2	46.4	44.5	59.5	36.3	47.9	77	23	38	35	38	39	37	81	86	56	66	72
December	29.52	30.11	29.88	28.80	42.2	39.5	50.9	46.9	39.8	37.8	44.6	43.1	53.4	35.8	44.6	69	22	37	36	38	39	37	81	85	62	73	76
Year	29.48	30.06	29.94	28.80	55.8	53.2	67.7	64.5	51.8	50.2	56.4	55.7	70.9	51.0	60.9	99	16	48	48	48	49	48	77	82	52	60	63

NEW HAVEN, CONN.
Airport [ϕ=41°16′ N.; λ=72°54′ W.] City [ϕ=41°18′ N.; λ=72°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
January	(1 2) 30.00	(2) 30.12	(1 2) 30.47	(1 2) 29.41	(2) 25.9	(2) 22.9	(2) 31.4	(2) 28.0	(2) 24.4	(2) 21.6	(2) 28.2	(2) 25.9	33.2	20.4	26.8	48	3	(2) 21	(2) 19	(2) 22	(2) 21	(2) 21	(2) 81	(2) 82	(2) 67	(2) 74	(2) 76
February	29.75	29.87	30.24	28.76	26.6	24.4	33.6	30.4	24.3	22.5	29.0	27.3	36.4	23.1	29.8	50	10	18	18	20	20	19	70	73	56	66	66
March	29.79	29.91	30.38	29.21	29.2	29.3	37.4	34.0	26.6	26.6	31.8	29.9	41.8	26.3	34.0	54	11	21	21	22	22	21	71	68	53	62	64
April	29.96	30.07	30.36	29.51	44.0	47.0	58.8	51.9	40.4	41.8	48.2	45.1	63.7	43.3	53.5	86	35	36	35	36	38	36	75	65	46	60	61
May	29.80	29.92	30.13	29.34	51.7	57.2	66.5	59.9	47.8	50.8	55.2	52.9	71.2	50.2	60.7	87	35	44	44	45	46	45	75	64	49	64	63
June	29.84	29.96	30.11	29.47	60.7	64.2	71.2	66.1	58.0	59.3	63.0	62.2	77.1	59.6	68.4	93	50	56	56	58	60	57	86	76	65	81	77
July	29.85	29.96	30.12	29.48	66.9	69.3	76.2	71.2	64.8	65.2	68.2	67.6	80.6	65.1	72.8	95	58	64	63	64	66	64	90	80	68	84	80
August	29.84	29.95	30.27	29.41	64.9	67.8	76.5	70.4	61.3	62.1	66.2	65.7	80.2	61.8	71.0	91	52	59	58	60	63	60	81	72	59	78	73
September	29.99	30.10	30.32	29.49	59.3	60.2	73.2	65.5	55.8	55.7	62.2	61.3	76.5	55.5	66.0	92	40	53	52	55	59	55	80	75	52	79	72
October	29.96	30.08	30.49	29.46	53.2	53.5	63.5	57.4	50.0	50.2	55.1	53.5	66.2	48.7	57.4	87	34	47	47	48	50	48	82	79	58	78	74
November	29.92	30.04	30.44	29.29	43.5	40.7	53.8	46.7	40.5	38.3	46.6	42.7	56.2	39.4	47.8	67	28	37	35	38	38	37	81	57	72	72	72
December	29.94	30.06	30.53	29.25	33.2	32.4	41.0	36.5	31.1	28.8	36.1	33.5	43.1	28.9	36.0	60	9	27	25	28	28	27	76	73	60	70	70
Year	29.89	30.00	30.53	28.76	46.6	47.4	56.9	51.5	43.8	43.6	49.2	47.3	60.5	43.5	52.0	95	3	40	39	41	43	41	79	74	58	72	71

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Nashville, 546 feet; New Haven, 107 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

MOUNT WASHINGTON OBSERVATORY, N. H.
[H=6,288 ft.; H_b=6,267 ft.; H_t=5 ft.; H_r=5 ft.; H_a=35 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	0.84 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	3.59	1.30	28.4	7.3	33.2	NW.	136	NW.	28	5	8	18	18	14	21	18	0	10	12	7	17	31	0	0	31	18	0
February	2.82	1.66	14.1	6.8	41.3	NW.	135	E.	28	5	10	13	15	11	20	15	0	8	2	2	22	28	0	0	28	14	0
March	3.17	.65	22.5	8.0	41.1	NW.	128	W.	31	4	4	23	21	20	23	21	0	3	3	3	25	31	0	0	31	15	0
April	2.23	1.18	2.3	6.2	28.4	W.	107	W.	27	7	9	14	9	7	7	2	1	2	3	1	18	13	0	0	27	0	1
May	6.26	1.33	12.4	7.1	27.9	NW.	103	W.	29	5	9	17	16	15	11	6	1	0	3	4	19	5	0	0	22	0	2
June	3.44	1.27	.1	7.7	30.7	NW.	136	NW.	25	2	8	20	10	9	1	1	3	3	1	4	23	2	0	0	7	0	7
July	6.71	1.69	.0	8.1	22.5	W.	88	NW.	29	1	8	22	16	13	0	0	2	7	4	4	23	0	0	0	0	0	7
August	7.08	1.95	T	8.1	31.9	NW.	92	NW.	30	3	6	22	17	14	1	0	2	4	1	3	27	2	0	0	8	0	3
September	3.21	1.42	.1	6.4	34.0	NW.	98	W.	30	9	4	17	11	10	2	1	0	0	0	2	23	1	0	0	12	0	1
October	6.40	1.65	9.4	7.5	37.6	NW.	100	NW.	30	5	6	20	23	20	15	16	0	3	0	5	29	11	0	0	26	2	0
November	3.86	.86	8.8	8.3	37.7	W.	112	SE.	30	2	5	23	20	15	19	14	0	4	5	4	29	22	0	0	29	4	0
December	4.53	2.12	25.0	7.5	40.2	NW.	128	NW.	31	5	7	19	16	16	19	13	0	0	2	3	25	26	0	0	30	9	0
Year	53.30	21.2	123.1	7.4	33.8	NW.	136	NW.	348	53	84	228	192	164	139	107	9	44	36	42	280	172	0	0	251	62	21

NANTUCKET, MASS.
[H=35 ft.; H_b=12 ft.; H_t=11 ft.; H_r=4 ft.; H_a=59 ft.]

January	3.45	1.44	1.0	6.4	16.4	W.	48	NE.	7	8	7	16	11	8	13	7	0	8	3	3	3	9	0	0	23	0	0
February	1.81	.87	3.9	5.1	15.6	W.	47	NE.	5	12	6	10	10	6	8	6	0	5	2	2	2	3	0	0	26	0	0
March	3.83	1.85	11.2	5.2	16.4	W.	51	NE.	6	14	3	14	12	8	12	6	0	6	4	2	2	1	0	0	24	0	0
April	4.79	1.71	2.8	5.6	14.5	SW.	41	NE.	4	11	8	11	11	8	2	2	0	8	7	6	6	0	0	0	1	0	0
May	1.92	1.09	.0	4.7	10.7	SW.	28	NE.	0	14	9	8	8	7	0	0	1	13	5	5	3	0	0	0	0	0	1
June	5.90	2.05	.0	5.4	12.3	SW.	44	NE.	3	11	9	10	10	8	0	0	0	21	9	9	8	0	0	0	0	0	4
July	5.46	1.27	.0	6.8	10.4	SW.	36	NE.	2	6	8	17	17	12	0	0	0	25	19	15	13	0	0	0	0	0	7
August	4.17	2.12	.0	4.4	9.5	SW.	27	SW.	0	15	9	7	10	7	0	0	0	20	9	8	7	0	0	0	0	0	4
September	.49	.41	.0	3.6	11.0	SW.	28	NE.	0	15	11	4	3	2	0	0	0	12	6	5	5	0	0	0	0	0	1
October	3.80	1.34	.0	5.6	11.9	SW.	29	SW.	0	12	8	11	9	8	0	0	0	15	3	2	1	0	0	0	0	0	0
November	2.02	.84	.0	4.3	11.4	SW.	32	SW.	1	13	11	6	6	6	0	0	0	16	3	2	2	0	0	0	0	0	1
December	2.58	1.40	.2	7.2	11.4	NW.	34	E.	1	7	4	20	10	6	5	3	0	11	5	4	4	3	0	0	16	0	0
Year	40.22	2.12	19.1	5.4	12.6	SW.	51	NE.	29	138	93	134	117	86	40	24	1	160	75	63	56	16	0	0	90	0	18

NASHVILLE, TENN.
Airport [H=605 ft.; H_b=601 ft.; H_t=5 ft.; H_r=3 ft.; H_a=72 ft.] City [H=484 ft.; H_b=546 ft.; H_t=168 ft.; H_r=161 ft.; H_a=188 ft.]

January	1.81	1.27	T	6.8	8.8	NW.	25	S.	0	9	4	18	12	7	1	0	0	0	1	0	1	1	0	0	16	0	3
February	.64	.20	2.7	5.9	9.8	NW.	35	S.	2	7	9	12	7	5	9	4	0	2	1	0	0	2	0	0	19	0	0
March	1.71	.53	.8	5.7	10.2	NW.	32	NW.	1	11	6	14	12	10	3	2	1	1	1	0	0	0	0	0	10	0	1
April	2.40	1.17	.0	5.1	9.4	S.	43	S.	2	10	13	7	6	5	0	0	1	1	0	0	0	0	0	0	0	0	5
May	.87	.53	.0	4.1	8.4	NW.	30	NW.	0	15	11	5	3	3	0	0	0	0	0	0	0	6	2	0	0	0	5
June	2.61	1.20	.0	5.0	7.7	SW.	43	SW.	3	9	14	7	10	9	0	0	0	0	0	0	0	12	3	0	0	0	8
July	7.12	2.93	.0	5.9	6.1	S.	33	NW.	1	6	16	9	13	13	0	0	0	16	3	1	1	0	20	5	0	0	11
August	3.64	.75	.0	5.4	6.2	S.	31	NW.	0	8	13	10	13	12	0	0	0	18	2	1	1	0	15	5	0	0	10
September	.62	.44	.0	3.8	7.3	S.	35	SW.	1	16	10	4	3	2	0	0	0	1	0	0	0	0	16	3	0	0	1
October	2.12	.74	.0	5.6	8.2	S.	30	NW.	0	11	8	12	9	6	0	0	0	8	1	0	0	0	5	0	0	0	1
November	2.81	1.37	T	5.5	6.9	S.	30	W.	0	11	5	14	7	4	2	0	0	15	0	0	0	0	0	0	12	0	0
December	3.89	1.45	.0	7.2	8.2	S.	31	SW.	0	7	5	19	9	8	0	0	0	10	4	3	3	0	0	0	13	0	1
Year	30.24	2.93	3.5	5.5	8.1	S.	43	SW.	10	120	114	131	104	84	15	6	2	72	13	5	6	3	74	18	70	0	46

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	3.21	1.71	9.2	6.2	10.2	N.	24	N.	0	10	4	17	10	8	16	7	0	11	4	3	2	13	0	0	30	0	0
February	2.66	2.32	2.0	4.2	10.8	NW.	31	E.	0	13	9	6	5	4	9	2	0	5	2	0	0	7	0	0	26	0	0
March	2.70	1.60	15.1	4.8	10.5	NW.	35	NE.	1	16	1	14	10	7	10	7	0	6	0	0	0	1	0	0	23	0	0
April	1.75	.93	.0	4.5	9.4	N.	27	NE.	0	15	5	10	7	5	0	0	0	9	2	2	1	0	0	0	0	0	1
May	2.26	.71	.0	4.6	8.5	NW.	27	NW.	0	8	17	6	8	8	0	0	0	10	4	3	2	0	0	0	0	0	6
June	4.98	2.21	.0	4.9	9.0	S.	27	NE.	0	13	6	11	9	7	0	0	0	18	7	4	2	0	4	0	0	0	4
July	4.39	1.04	.0	5.8	7.9	S.	24	S.	0	8	13	10	15	11	0	0	0	18	6	2	1	0	3	1	0	0	6
August	3.63	1.22	.0	3.4	8.6	NW.	28	SE.	0	17	11	3	9	8	0	0	0	13	0	0	0	0	2	0	0	0	5
September	.32	.26	.0	3.8	8.6	S.	23	S.	0	14	14	2	2	2	0	0	0	7	1	1	1	0	2	0	0	0	2
October	2.77	.79	.0	5.4	8.4	SW.	26	S.	0	11	8	12	13	9	0	0	0	12	3	3	2	0	0	0	0	0	1
November	3.95	2.17	.0	4.8	7.6	SW.	23	SW.	0	11	14	5	6	6	0	0	0	14	4	1	1	0	0	0	3	0	0
December	4.12	2.88	.5	5.4	9.1	NW.	33	SE.	1	8	14	9	9	7	4	1	0	8	6	5	2	3	0	0	19	0	0
Year	36.74	2.88	26.8	4.8	9.0	NW.	35	NE.	2	144	116	105	103	82	39	17	0	131	39	24	14	24	11	1	101	0	25

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

NEW ORLEANS, LA.
Airport [ϕ=30°02′ N.; λ=90°02′ W.] City [ϕ=29°57′ N.; λ=90°04′ 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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	30.11	30.17	30.48	29.54	52.7	49.9	58.5	57.3	49.4	47.0	51.7	51.8	63.7	48.0	55.8	76	33	46	44	45	46	45	78	80	62	68	72
February	30.00	30.06	30.28	29.60	50.3	48.1	55.2	54.8	46.2	45.2	48.0	48.5	60.2	46.4	53.3	73	38	41	42	40	42	41	73	80	60	63	69
March	29.99	30.05	30.38	29.62	53.6	50.7	60.2	59.4	49.7	47.8	53.0	53.0	65.8	49.1	57.4	78	34	45	44	46	47	46	75	80	62	65	71
April	29.94	30.00	30.21	29.55	65.5	64.0	75.5	72.8	62.9	62.0	65.2	64.6	79.1	63.3	71.2	85	56	61	61	59	60	60	87	90	58	65	75
May	29.96	30.02	30.15	29.65	70.4	69.9	80.7	79.5	66.4	66.0	69.6	69.0	85.0	68.5	76.8	94	64	64	62	64	63	63	82	82	58	60	70
June	29.95	30.00	30.10	29.80	75.3	75.8	85.2	82.1	73.2	73.8	75.6	74.5	89.1	74.1	81.6	94	70	72	73	72	71	72	91	91	64	71	80
July	29.94	29.99	30.12	29.79	77.6	77.7	85.8	83.7	75.1	75.4	76.7	76.6	91.1	76.2	83.6	96	72	74	74	73	74	74	89	90	67	73	80
August	29.95	30.00	30.08	29.82	79.1	78.4	87.8	84.6	75.6	75.7	77.8	77.1	92.4	77.4	84.9	96	72	74	75	74	74	74	85	88	64	72	78
September	29.92	29.98	30.18	29.64	77.4	76.5	84.9	80.1	74.8	74.3	75.7	74.5	88.1	76.0	82.0	94	72	74	74	72	72	73	89	90	66	78	81
October	29.99	30.04	30.20	29.76	73.8	72.5	82.8	77.9	70.5	69.7	72.2	71.9	85.4	71.1	78.2	93	54	69	68	67	69	68	85	87	60	75	77
November	30.05	30.11	30.38	29.72	57.2	54.6	63.8	61.6	53.4	51.5	55.9	55.9	68.5	52.0	60.2	80	37	50	48	49	51	50	78	81	60	70	72
December	30.03	30.09	30.36	29.58	55.5	53.8	61.7	59.3	52.3	50.6	54.8	54.1	65.9	51.6	58.8	79	38	49	47	48	49	48	81	80	63	71	74
Year	29.99	30.04	30.48	29.54	65.7	64.3	73.5	71.1	62.5	61.6	64.7	64.3	77.9	62.8	70.4	96	33	60	59	59	60	60	83	85	62	69	75

NEW YORK, N. Y.
[ϕ=40°43′ N.; λ=74°00′ 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	29.77	30.12	30.21	29.22	----	27.7	33.3	31.3	----	25.1	28.9	27.6	36.6	23.1	29.8	49	9	----	19	20	19	20	----	70	57	60	62
February	29.53	29.89	29.96	28.59	----	26.7	34.1	32.6	----	23.5	28.8	28.3	38.4	24.3	31.4	52	14	----	15	17	19	17	----	60	49	57	55
March	29.57	29.92	30.10	29.02	----	31.1	39.7	37.0	----	27.6	32.6	31.2	44.0	27.4	35.7	58	14	----	20	20	20	20	----	62	45	50	52
April	29.72	30.06	30.13	29.22	----	50.4	60.9	57.6	----	44.1	48.8	47.8	65.5	46.5	56.0	85	36	----	37	36	37	36	----	61	42	50	51
May	29.58	29.92	29.92	29.15	----	58.4	68.7	64.1	----	51.4	55.0	54.1	72.7	53.4	63.0	91	38	----	44	42	45	44	----	62	41	53	52
June	29.62	29.95	29.88	29.19	----	65.8	75.3	72.0	----	60.6	63.1	62.6	78.5	61.9	70.2	94	52	----	57	55	56	56	----	75	52	62	63
July	29.62	29.95	29.88	29.32	----	70.7	78.7	75.2	----	65.5	67.9	68.0	81.9	67.5	74.7	94	61	----	62	62	64	63	----	76	59	70	68
August	29.62	29.94	30.03	29.24	----	68.0	77.7	74.4	----	62.0	64.8	64.2	80.8	64.6	72.7	92	55	----	58	56	58	57	----	71	50	59	60
September	29.76	30.09	30.09	29.33	----	63.3	74.9	70.7	----	57.8	62.2	61.5	78.0	59.9	69.0	91	48	----	54	53	55	54	----	72	48	60	60
October	29.74	30.08	30.21	29.29	----	57.2	65.0	61.3	----	52.3	55.3	53.5	67.8	52.2	60.0	90	36	----	48	47	46	47	----	72	54	60	62
November	29.70	30.04	30.17	29.05	----	45.3	54.3	51.0	----	40.9	45.5	43.9	57.3	41.9	49.6	70	31	----	35	35	35	35	----	68	49	56	58
December	29.72	30.07	30.25	29.03	----	35.9	41.4	39.6	----	32.8	36.3	34.9	45.0	31.3	38.2	60	13	----	27	27	27	27	----	70	54	60	61
Year	29.66	30.00	30.25	28.59	----	50.0	58.7	55.6	----	45.3	49.1	48.1	62.2	46.2	54.2	94	9	----	40	39	40	40	----	68	50	58	59

NORFOLK, VA.
Airport [ϕ=36°53′ N.; λ=76°12′ W.] City [ϕ=36°51′ N.; λ=76°17′ 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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	39.04	30.15	30.47	29.61	37.0	34.9	43.8	40.0	34.9	33.2	39.0	37.0	47.2	33.7	40.4	68	24	31	30	32	33	32	80	83	65	75	76
February	29.87	29.97	30.23	29.16	33.9	31.9	40.2	36.3	31.4	29.5	34.8	32.9	44.6	31.4	38.0	57	24	27	25	26	27	26	75	75	57	70	69
March	29.90	30.01	30.26	29.32	37.3	37.1	47.8	42.2	34.0	34.0	39.7	37.4	53.2	34.9	44.0	68	21	28	29	28	30	29	71	72	48	64	64
April	29.98	30.08	30.31	29.40	52.6	54.7	65.6	57.4	49.6	51.1	54.7	51.7	70.2	51.0	60.6	91	40	47	48	46	47	47	84	80	52	70	72
May	29.90	30.00	30.32	29.46	60.8	63.4	76.2	68.1	56.1	57.0	61.3	59.6	80.3	58.8	69.6	98	45	53	52	51	54	52	76	68	43	62	62
June	29.90	30.00	30.16	29.40	67.8	71.1	79.2	72.7	65.9	67.4	69.8	67.8	83.3	66.2	74.8	93	59	65	66	65	65	65	91	83	64	79	79
July	29.89	29.99	30.11	29.61	72.5	75.6	83.0	77.2	70.8	72.9	74.8	72.7	86.8	71.4	79.1	97	67	70	72	71	71	71	92	88	69	82	83
August	29.90	30.00	30.26	29.55	70.6	73.5	83.4	75.6	68.0	69.4	71.2	69.8	86.2	70.2	78.2	96	60	67	67	65	67	66	88	82	56	76	75
September	30.02	30.12	30.32	29.72	68.7	70.4	79.9	71.7	65.7	66.9	69.0	67.0	82.0	68.0	75.0	94	61	64	65	64	65	64	86	83	58	79	76
October	30.04	30.14	30.42	29.69	61.7	61.7	75.1	65.2	58.7	58.5	63.3	60.6	77.4	60.3	68.8	94	43	56	56	56	58	56	84	83	52	77	74
November	30.01	30.11	30.42	29.40	47.7	45.4	62.0	51.1	45.4	43.3	52.0	47.8	64.9	46.9	55.9	76	33	43	41	42	44	43	84	85	50	79	74
December	30.01	30.12	30.45	29.41	42.4	41.6	51.8	44.5	39.9	39.6	45.1	41.3	54.6	40.1	47.4	72	29	36	37	37	37	37	80	83	59	76	74
Year	29.96	30.06	30.47	29.16	54.4	55.1	65.7	58.5	51.7	51.9	56.2	53.8	69.2	52.7	61.0	98	21	49	49	49	50	49	83	80	56	74	73

NORTHFIELD, VT.
[ϕ=44°10′ N.; λ=72°41′ 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	29.15	30.15	29.64	28.52	----	8.3	----	----	----	7.7	----	----	23.5	1.8	12.6	40	−20	----	6	----	----	----	----	89	----	----	----
February	28.88	29.87	29.35	28.02	----	13.8	----	----	----	12.8	----	----	27.8	9.4	18.6	41	−10	----	10	----	----	----	----	85	----	----	----
March	28.91	29.89	29.46	28.45	----	19.2	----	----	----	17.6	----	----	32.4	11.9	22.2	46	−14	----	14	----	----	----	----	79	----	----	----
April	29.12	30.08	29.48	28.58	----	41.6	----	----	----	37.8	----	----	60.6	32.4	46.5	88	17	----	33	----	----	----	----	73	----	----	----
May	28.96	29.88	29.25	28.51	----	50.9	----	----	----	45.7	----	----	67.1	38.5	52.8	89	24	----	40	----	----	----	----	68	----	----	----
June	29.01	29.94	29.28	28.69	----	61.8	----	----	----	56.5	----	----	76.2	49.9	63.0	94	33	----	53	----	----	----	----	73	----	----	----
July	29.01	29.93	29.34	28.73	----	65.6	----	----	----	61.7	----	----	80.2	54.6	67.4	92	45	----	59	----	----	----	----	80	----	----	----
August	28.99	29.93	29.42	28.55	----	59.4	----	----	----	55.0	----	----	74.1	48.4	61.2	88	35	----	52	----	----	----	----	77	----	----	----
September	29.13	30.08	29.46	28.64	----	51.9	----	----	----	48.4	----	----	72.5	42.4	57.4	87	22	----	45	----	----	----	----	80	----	----	----
October	29.08	30.05	29.66	28.44	----	42.2	----	----	----	39.9	----	----	56.9	34.5	45.7	80	16	----	37	----	----	----	----	80	----	----	----
November	29.01	29.99	29.56	28.44	----	33.4	----	----	----	31.3	----	----	47.3	28.3	37.8	69	12	----	28	----	----	----	----	81	----	----	----
December	29.05	30.03	29.67	28.38	----	21.8	----	----	----	20.1	----	----	33.1	14.5	23.8	58	−14	----	17	----	----	----	----	82	----	----	----
Year	29.03	29.98	29.67	28.02	----	39.2	----	----	----	36.2	----	----	54.3	30.6	42.4	94	−20	----	33	----	----	----	----	79	----	----	----

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: New Orleans, 53 feet; Norfolk, 91 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

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.]

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	0.84 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	3.87	1.63	0.0	5.1	6.7	NE.	20	E.	0	11	11	9	8	8	0	0	0	4	3	3	1	0	0	0	0	0	3
February	2.96	1.17	.0	5.6	7.5	NE.	21	E.	0	7	12	9	7	7	0	0	0	2	0	0	0	0	0	0	0	0	0
March	2.69	.76	.0	6.3	8.1	NE.	19	SW.	0	8	8	15	10	6	0	0	0	3	1	0	0	0	0	0	0	0	2
April	3.38	1.84	.0	5.9	7.7	SE.	20	SE.	0	8	12	10	8	7	0	0	0	2	1	0	0	0	0	0	0	0	4
May	3.06	1.24	.0	5.2	6.7	SE.	24	SE.	0	10	11	10	8	6	0	0	0	0	0	0	0	0	4	0	0	0	3
June	11.75	5.17	.0	6.9	5.6	SW.	18	SE.	0	2	15	13	17	15	0	0	0	0	0	0	0	0	13	0	0	0	10
July	7.91	2.04	.0	6.4	5.0	W.	16	NW.	0	2	22	7	15	13	0	0	0	1	0	0	0	0	23	4	0	0	13
August	6.85	2.31	.0	5.5	5.2	W.	19	NE.	0	7	17	7	12	11	0	0	0	0	0	0	0	0	27	4	0	0	19
September	5.30	1.62	.0	5.8	8.2	SE.	24	E.	0	9	8	13	15	14	0	0	0	1	0	0	0	0	12	0	0	0	4
October	5.71	3.71	.0	4.4	6.7	SE.	19	SE.	0	14	8	9	7	6	0	0	0	0	0	0	0	0	3	0	0	0	3
November	1.73	.47	.0	4.5	7.1	NE.	19	N.	0	14	7	9	10	9	0	0	0	3	2	0	0	0	0	0	0	0	0
December	2.89	.93	.0	6.7	7.0	NE.	18	NE.	0	4	13	14	10	9	0	0	0	5	0	0	0	0	0	0	0	0	2
Year	58.10	5.17	.0	5.7	6.8	SE.	24	E.	0	96	144	125	127	111	0	0	0	21	7	3	1	0	82	8	0	0	63

NEW YORK, N. Y.

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

January	3.33	1.46	6.1	6.2	16.3	N.	47	NW.	11	10	4	17	10	8	13	4	0	12	3	3	2	6	0	0	28	0	0
February	3.31	2.74	3.4	4.6	19.1	NW.	48	NW.	16	13	8	7	5	5	7	2	0	6	2	2	2	2	0	0	25	0	0
March	2.52	1.57	15.9	4.9	19.1	NW.	62	NW.	14	15	3	13	11	7	11	6	0	8	2	2	2	1	0	0	25	0	0
April	3.12	2.33	.0	4.4	13.9	N.	50	NW.	9	15	7	8	7	6	0	0	0	10	1	0	0	0	0	0	0	0	0
May	1.52	.38	.0	5.2	14.3	NW.	51	NW.	12	10	12	9	9	8	0	0	0	7	2	2	1	0	1	0	0	0	8
June	4.04	1.55	.0	5.2	13.5	SW.	45	NW.	4	12	7	11	6	5	0	0	0	9	2	2	2	0	2	0	0	0	5
July	4.60	1.28	.0	6.5	11.5	S.	44	SW.	5	10	5	16	15	11	0	0	0	13	0	0	0	0	4	0	0	0	12
August	5.32	2.27	.0	3.8	14.1	N.	45	NW.	8	15	14	2	8	8	0	0	0	5	1	1	0	0	2	0	0	0	4
September	.11	.11	.0	3.6	13.8	S.	49	NW.	9	16	10	4	2	1	0	0	0	4	4	3	3	0	2	0	0	0	2
October	1.43	.55	.0	5.5	16.0	NW.	53	NW.	13	10	9	12	8	6	0	0	0	6	1	1	1	0	1	0	0	0	1
November	2.78	1.37	.0	4.3	15.9	SW.	46	NW.	10	13	13	4	6	5	0	0	1	5	2	2	2	0	0	0	1	0	0
December	4.12	3.23	.4	5.7	16.9	NW.	63	SE.	15	6	14	11	7	6	3	1	0	10	4	4	4	2	0	0	16	0	0
Year	36.20	3.23	25.8	5.0	15.3	NW.	63	SE.	126	145	106	114	94	76	34	13	1	95	24	22	19	11	12	0	95	0	32

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	2.12	0.86	3.3	6.4	10.1	N.	27	NW.	0	9	5	17	9	7	1	1	0	13	0	0	0	0	0	0	15	0	0
February	2.58	1.38	5.7	5.1	10.9	N.	32	NW.	2	11	7	10	8	5	4	3	0	9	0	0	0	0	0	0	16	0	0
March	2.50	1.10	.3	5.7	11.6	NW.	30	NW.	0	11	5	15	8	7	2	2	0	5	0	0	0	0	0	0	9	0	2
April	3.24	1.53	.0	4.8	9.4	NE.	32	SE.	1	15	3	12	7	7	0	0	0	7	3	1	0	0	2	0	0	0	2
May	.94	.34	.0	3.9	9.7	W.	37	NW.	2	16	11	4	7	6	0	0	0	2	0	0	0	0	8	5	0	0	4
June	4.31	1.36	.0	6.5	8.8	SW.	33	N.	1	6	12	12	13	11	0	0	0	10	1	0	0	0	5	0	0	0	7
July	4.52	.95	.0	6.7	8.9	SW.	30	NW.	0	4	12	15	15	12	0	0	0	9	1	0	0	0	11	4	0	0	11
August	4.99	2.12	.0	4.7	8.5	SW.	26	NE.	0	13	10	8	7	4	0	0	0	7	0	0	0	0	11	2	0	0	6
September	2.80	1.30	.0	4.7	9.5	NE.	24	E.	0	15	7	8	5	4	0	0	0	8	2	2	1	0	6	0	0	0	4
October	2.37	2.35	.0	5.2	9.6	SW.	27	NW.	0	11	9	11	3	2	0	0	0	13	4	2	1	0	3	0	0	0	0
November	1.57	1.50	.0	4.2	8.3	SW.	23	N.	0	16	5	9	3	2	0	0	0	7	2	0	0	0	0	0	0	0	1
December	2.87	1.01	.0	5.5	9.7	N.	31	SE.	0	9	10	12	8	7	0	0	0	14	4	3	2	0	0	0	3	0	1
Year	34.81	2.35	9.3	5.3	9.6	SW.	37	NW.	6	136	96	133	93	74	7	6	0	104	17	8	4	0	46	11	43	0	38

NORTHFIELD, VT.

[H=840 ft.; H_b=876 ft.; H_t=12 ft.; H_r=3 ft.; H_a=60 ft.]

January	1.15	0.32	15.4	7.0	6.6	N.	21	NE.	0	7	4	20	14	10	21	14	0	0	0	0	0	27	0	0	30	17	0
February	1.41	1.26	1.5	6.0	8.7	N.	27	SW.	0	7	8	13	6	4	17	3	0	0	0	0	0	20	0	0	28	6	0
March	1.83	.55	26.6	6.5	7.7	N.	24	NE.	0	7	8	16	13	9	16	13	0	2	0	1	1	16	0	0	30	5	0
April	.60	.22	.0	5.5	7.9	SW.	29	SW.	0	9	13	8	6	5	0	0	0	1	0	0	0	0	0	0	17	0	3
May	1.95	.52	T	5.6	7.2	N.	27	N.	0	8	11	12	11	9	1	0	0	3	0	0	2	0	0	0	10	0	2
June	3.96	1.80	.0	6.0	6.8	SW.	27	N.	0	6	15	9	12	9	0	0	0	3	0	0	1	0	3	0	0	0	8
July	5.27	1.91	.0	6.1	6.3	SW.	21	SE.	0	8	12	11	10	9	0	0	0	3	3	3	2	0	3	0	0	0	5
August	3.39	.76	.0	6.0	6.6	SW.	22	SW.	0	7	13	11	12	8	0	0	0	6	0	0	2	0	0	0	0	0	3
September	.81	.22	.0	4.7	7.8	SW.	28	SW.	0	10	17	3	9	7	0	0	0	2	1	0	1	0	0	0	5	0	1
October	2.96	.75	.6	7.5	8.7	SW.	29	S.	0	4	9	18	17	15	5	3	0	2	0	0	0	0	0	0	13	0	1
November	2.35	1.44	1.1	6.9	8.1	SW.	24	SW.	0	4	14	12	9	6	9	3	0	3	0	0	0	1	0	0	21	0	0
December	2.26	1.32	16.6	7.2	7.6	N.	29	SE.	0	4	10	17	11	5	15	8	0	6	3	3	3	16	0	0	31	4	0
Year	27.94	1.91	61.6	6.2	7.5	SW.	29	SE.	0	81	134	150	130	96	84	44	0	31	7	7	12	80	6	0	185	32	23

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

NORTH HEAD, WASH.
[ϕ=46°18′ N.; λ=124°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.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	29.68	29.91	30.08	29.19	46.3	45.6	47.4	49.2	43.2	43.0	44.0	45.6	52.0	43.2	47.6	62	35	40	40	40	42	40	79	82	78	77	79
February	29.64	29.86	30.00	29.05	49.0	48.0	49.3	52.5	45.0	43.6	44.9	46.9	54.9	45.1	50.0	62	40	40	38	40	41	40	74	72	72	67	71
March	29.76	29.99	30.28	28.97	50.0	49.0	52.8	55.5	47.1	45.6	48.0	49.3	57.2	46.1	51.6	75	41	44	42	43	45	43	82	78	72	76	77
April	29.76	29.99	30.06	29.10	50.4	48.7	52.9	53.3	47.2	46.6	49.0	49.1	56.6	46.6	51.6	79	40	44	44	45	45	45	80	85	76	75	79
May	29.77	30.00	30.27	29.26	52.8	52.0	56.5	55.5	49.3	48.7	51.7	51.5	60.0	49.5	54.8	82	46	46	46	48	48	47	79	80	74	76	77
June	29.82	30.04	30.07	29.59	56.3	55.5	59.4	60.1	53.6	53.1	55.4	55.7	62.9	53.3	58.1	69	49	51	51	52	52	52	84	86	78	76	81
July	29.84	30.07	30.05	29.62	58.9	58.1	62.2	62.7	56.9	56.6	58.8	58.7	65.6	56.4	61.0	83	51	56	56	56	56	56	88	91	82	79	85
August	29.82	30.04	30.00	29.52	57.2	56.3	58.8	60.1	56.1	55.7	57.3	58.0	62.4	54.8	58.6	67	50	55	55	56	57	56	94	96	92	88	92
September	29.78	30.00	30.10	29.42	56.9	56.0	59.6	60.3	55.1	54.2	56.7	56.9	62.5	54.0	58.2	66	48	54	53	54	54	54	89	89	84	82	86
October	29.83	30.06	30.19	29.49	54.5	53.8	56.3	56.4	52.4	51.7	53.4	53.7	59.7	50.8	55.2	76	46	50	50	51	52	51	88	87	83	85	86
November	29.79	30.02	30.26	29.19	50.8	49.4	51.6	52.2	48.0	47.1	48.6	49.1	55.4	46.0	50.7	69	38	45	45	45	46	45	83	85	81	81	83
December	29.64	29.87	30.22	28.73	43.8	43.3	45.1	45.5	42.0	41.8	42.9	43.2	48.6	39.9	44.2	57	25	40	40	40	40	40	86	87	82	82	85
Year	29.76	29.99	30.28	28.73	52.2	51.3	54.3	55.1	49.7	49.0	50.9	51.5	58.2	48.8	53.5	83	25	47	47	48	48	47	84	85	80	79	82

NORTH PLATTE, NEBR.
Airport [ϕ=41°8′ N.; λ=100°42′ W.] City [ϕ=41°08′ N.; λ=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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	27.15	30.19	27.56	26.70	21.9	20.0	31.4	29.3	21.1	19.3	28.3	27.0	37.3	18.3	27.8	61	−1	19	18	24	23	21	89	91	74	78	83
February	27.10	30.13	27.40	26.22	23.5	21.7	34.0	32.8	22.5	20.7	29.2	28.6	40.4	20.0	30.2	62	8	21	19	22	22	21	88	87	62	66	76
March	27.09	30.10	27.50	26.52	29.5	26.5	38.4	40.5	27.9	25.4	33.1	34.3	45.5	25.5	35.5	75	14	26	24	26	26	25	84	87	64	61	74
April	26.98	29.90	27.38	26.53	45.4	41.5	54.7	56.1	41.9	39.8	47.1	47.4	60.8	40.3	50.6	76	28	39	38	40	39	39	80	88	61	56	71
May	27.00	29.88	27.54	26.59	58.1	53.7	70.5	71.8	53.6	51.6	58.4	58.7	76.6	52.7	64.6	91	39	50	50	50	50	50	78	88	51	48	66
June	27.00	29.86	27.34	26.70	62.7	59.6	74.2	75.5	58.6	57.5	62.7	62.6	79.8	58.1	69.0	93	47	56	56	56	55	56	81	89	56	53	70
July	27.09	29.94	27.31	26.88	67.6	63.0	80.8	82.4	62.9	60.7	67.8	67.6	87.2	63.0	75.1	99	49	60	60	62	60	60	80	89	54	51	68
August	27.08	29.94	27.30	26.78	67.3	61.2	82.3	82.3	61.8	59.4	67.5	66.4	88.1	62.1	75.1	98	53	59	58	60	58	59	76	90	48	47	65
September	26.99	29.87	27.47	26.63	59.0	54.3	70.8	71.2	54.0	51.4	59.0	59.0	77.5	52.1	64.8	94	33	50	49	51	51	51	75	84	53	53	66
October	27.09	30.02	27.50	26.44	47.3	43.9	57.4	55.0	44.5	42.3	49.4	48.3	62.3	41.8	52.0	80	25	42	40	42	42	42	82	88	61	65	74
November	27.07	30.06	27.39	26.57	31.8	27.4	48.3	42.8	29.6	26.4	39.6	36.1	55.8	26.1	41.0	80	3	26	25	29	27	27	80	89	49	55	68
December	27.03	30.05	27.42	26.40	26.0	22.1	36.1	31.4	24.0	21.1	30.5	27.3	42.6	19.4	31.0	66	−6	21	19	23	21	21	82	88	61	67	75
Year	27.06	30.00	27.56	26.22	45.0	41.2	56.6	55.9	41.9	39.6	47.7	46.9	62.8	40.0	51.4	99	−6	39	38	40	40	39	81	88	58	58	71

OKLAHOMA CITY, OKLA.
Airport [ϕ=35°24′ N.; λ=97°36′ W.] City [ϕ=35°26′ N.; λ=97°33′ 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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	28.84	30.16	29.37	28.28	38.4	35.6	42.6	43.7	36.7	34.4	38.9	40.1	49.4	33.2	41.4	66	19	34	33	34	36	34	85	89	73	74	80
February	28.79	30.11	29.10	27.92	37.3	33.1	43.3	43.4	34.6	32.5	38.1	38.1	48.8	31.9	40.4	70	20	31	30	32	31	31	78	86	66	67	74
March	28.77	30.08	29.26	28.28	41.7	38.3	49.0	51.1	37.5	35.4	41.6	42.8	56.3	36.1	46.2	74	21	32	32	33	33	32	68	77	55	52	63
April	28.65	29.93	29.06	28.20	57.0	53.3	64.7	65.7	52.8	50.8	55.8	56.8	70.4	51.9	61.2	84	36	49	48	48	50	49	76	84	59	60	70
May	28.68	29.94	29.01	28.36	66.1	63.2	76.7	76.2	62.9	60.8	67.1	67.1	81.1	62.2	71.6	90	53	61	59	62	62	61	84	88	62	64	74
June	28.66	29.92	28.88	28.43	70.1	68.0	80.3	81.3	66.3	65.1	69.0	69.3	84.7	66.5	75.6	95	59	64	63	63	63	64	82	86	58	56	71
July	28.69	29.94	28.88	28.48	76.0	72.3	87.8	88.8	69.8	68.3	72.3	72.5	93.2	71.8	82.5	104	63	67	66	65	65	66	74	82	48	47	63
August	28.69	29.94	28.88	28.46	76.2	71.8	87.5	87.8	70.3	68.6	72.5	72.5	92.9	71.6	82.2	101	65	68	67	66	65	66	76	86	50	50	65
September	28.69	29.95	29.04	28.34	69.9	66.7	79.5	79.3	65.3	63.7	68.1	68.1	85.3	65.2	75.2	98	46	62	62	62	62	62	78	86	58	59	70
October	28.74	30.01	29.09	28.34	61.3	59.3	66.7	65.5	59.3	57.7	60.9	60.9	71.4	56.4	63.9	85	34	59	56	57	59	57	89	91	74	78	83
November	28.81	30.11	29.20	28.50	45.2	42.6	54.6	52.3	42.6	40.7	47.2	46.9	60.4	40.0	50.2	82	27	40	38	40	41	40	82	86	59	67	73
December	28.77	30.08	29.26	28.18	40.3	38.0	48.1	46.0	37.9	36.3	42.1	41.4	52.9	35.7	44.3	68	24	34	34	35	36	35	80	86	62	69	74
Year	28.73	30.01	29.37	27.92	56.6	53.5	65.1	65.1	53.0	51.2	56.1	56.4	70.6	51.9	61.2	104	19	50	49	50	50	50	79	86	60	62	72

OMAHA, NEBR.
Airport [ϕ=41°18′ N.; λ=95°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
	(1)		(1)	(1)																							
January	28.98	30.21	29.46	28.50	24.1	22.3	29.2	28.2	23.2	21.6	26.8	26.4	33.7	18.1	25.9	54	2	21	20	22	23	22	88	90	76	80	83
February	28.94	30.18	29.35	28.08	24.7	21.5	28.4	28.5	23.3	20.3	25.3	25.9	34.1	18.3	26.2	48	3	20	18	19	21	19	82	83	67	71	76
March	28.91	30.12	29.33	28.19	33.0	29.3	40.7	40.8	30.7	27.7	34.8	35.1	46.2	27.8	37.0	68	11	27	25	26	27	26	78	82	56	58	69
April	28.77	29.95	29.21	28.18	51.2	48.4	59.4	60.3	47.3	45.7	51.4	51.8	64.4	45.9	55.2	80	35	44	43	44	44	44	76	82	61	60	70
May	28.77	29.94	29.30	28.26	62.7	59.6	73.7	75.0	57.5	56.0	61.6	61.7	78.7	57.3	68.0	94	41	54	54	53	53	53	74	81	51	47	63
June	28.73	29.88	29.04	28.44	67.2	65.1	77.5	76.9	63.5	61.9	67.0	66.7	81.5	62.1	71.8	97	50	61	60	62	61	61	83	84	61	62	73
July	28.80	29.95	29.09	28.55	71.7	68.2	84.4	84.2	66.7	64.8	70.6	70.9	88.5	65.8	77.2	101	53	64	63	64	64	64	78	84	51	52	66
August	28.81	29.96	29.09	28.44	72.9	67.5	85.3	84.4	66.3	64.0	69.7	69.5	89.5	66.0	77.8	100	53	63	62	62	62	62	72	84	47	48	63
September	28.77	29.93	29.28	28.35	63.9	60.6	74.2	73.0	60.2	58.1	63.5	63.3	79.7	57.6	68.6	91	38	58	56	57	58	57	82	86	58	61	72
October	28.84	30.02	29.25	28.12	51.8	48.2	60.7	58.8	49.6	46.9	53.5	53.7	65.1	45.4	55.2	82	25	48	46	47	49	47	86	91	64	72	78
November	28.84	30.04	29.18	28.43	36.2	33.8	45.6	43.3	34.5	32.6	40.1	39.5	49.9	30.7	40.3	73	16	32	31	34	35	33	84	87	64	72	77
December	28.83	30.05	29.40	28.14	30.7	28.7	37.5	35.0	28.9	27.4	33.6	32.2	41.5	24.5	33.0	62	8	26	25	28	28	27	82	86	70	77	79
Year	28.83	30.02	29.46	28.08	49.2	46.1	58.0	57.4	46.0	43.9	49.8	49.7	62.7	43.3	53.0	101	2	43	42	43	44	43	80	85	60	63	72

[1] Pressure (station elevation) at airport adjusted to the old (city) station elevation: North Platte, 2,821 feet; Oklahoma City, 1,214 feet; Omaha, 1,105 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

NORTH HEAD, WASH.

[H=211 ft.; H_b=211 ft.; H_t=5 ft.; H_r=3 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: 0.84 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	7.61	2.36	0.0	8.0	15.9	E.	63	S.	8	1	7	23	18	16	0	0	2	3	0	0	0	0	0	0	0	0	0
February	3.56	.62	.0	7.0	14.1	E.	50	S.	5	7	2	19	15	13	0	0	1	2	0	0	0	0	0	0	0	0	1
March	2.07	.62	.0	6.3	12.6	N.	48	S.	5	8	7	16	14	10	0	0	2	8	3	2	2	0	0	0	0	0	0
April	1.81	.57	.0	6.7	16.4	N.	49	S.	10	5	10	15	8	8	0	0	1	1	1	1	1	0	0	0	0	0	0
May	3.90	1.49	.0	7.1	15.1	N.	51	S.	7	4	10	17	16	14	0	0	2	4	0	0	0	0	0	0	0	0	1
June	2.39	.61	.0	7.4	11.9	N.	36	S.	1	4	9	17	15	11	0	0	1	5	2	0	0	0	0	0	0	0	1
July	.25	.08	.0	7.1	12.5	N.	32	N.	1	3	12	16	6	3	0	0	0	5	6	4	4	0	0	0	0	0	1
August	3.42	.94	.0	8.6	11.6	N.	40	S.	4	1	7	23	14	9	0	0	0	15	8	11	9	0	0	0	0	0	1
September	5.77	1.66	.0	6.8	12.2	N.	41	S.	4	5	8	17	24	17	0	0	0	7	3	6	2	0	0	0	0	0	1
October	3.54	.85	.0	7.3	13.0	S.	49	S.	6	4	9	18	18	11	0	0	1	10	7	5	4	0	0	0	0	0	1
November	6.75	2.37	.0	8.3	13.4	SE.	59	S.	10	1	4	25	18	14	0	0	1	9	7	6	4	0	0	0	0	0	1
December	10.41	1.45	T	7.5	15.7	E.	67	S.	13	4	8	19	23	18	1	0	5	5	2	1	0	0	0	0	2	0	2
Year	51.48	2.37	T	7.3	13.7	N.	67	S.	74	47	93	225	189	144	1	0	16	74	39	36	26	0	0	0	2	0	10

NORTH PLATTE, NEBR.

Airport [H=2,783 ft.; H_b=2,789 ft.; H_t=6 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.]

January	0.30	0.15	2.9	4.4	6.5	N.	21	NW.	0	11	13	7	6	4	7	6	0	11	6	4	4	12	0	0	31	1	0
February	.36	.26	4.6	5.1	7.5	NW.	28	N.	0	12	6	10	5	2	10	5	0	9	1	0	1	8	0	0	28	0	0
March	.65	.38	5.7	6.0	8.3	N.	30	N.	0	9	9	13	10	5	15	8	0	10	0	1	1	5	0	0	25	0	0
April	3.64	.88	.8	6.1	10.7	S.	34	S.	2	6	13	11	9	8	3	2	1	11	1	1	0	0	0	0	6	0	5
May	1.55	.40	.0	5.2	8.6	S.	27	NE.	0	9	14	8	16	9	0	0	1	3	0	0	0	0	2	0	0	0	11
June	2.30	.86	.0	4.8	8.6	S.	30	N.	0	11	11	8	9	5	0	0	1	3	1	1	1	0	9	0	0	0	10
July	5.35	2.47	.0	3.7	6.5	S.	24	SW.	0	13	14	4	12	10	0	0	1	4	1	0	0	0	14	7	0	0	14
August	.81	.34	.0	3.7	6.5	SE.	27	NE.	0	17	11	3	7	5	0	0	0	1	0	0	0	0	13	5	0	0	2
September	3.31	1.40	.0	4.6	8.6	S.	24	NW.	0	12	12	6	7	5	0	0	0	6	0	0	0	0	4	0	0	0	4
October	1.07	.40	.0	5.6	7.6	SE.	38	NW.	1	10	10	11	8	7	0	0	0	9	2	3	1	0	0	0	5	0	2
November	.23	.20	.2	4.5	7.2	W.	27	N.	0	13	10	7	4	1	4	1	0	5	0	2	2	1	0	0	24	0	0
December	.42	.20	5.1	4.9	7.7	NW.	23	N.	0	12	9	10	9	4	12	8	0	10	5	1	0	9	0	0	31	3	0
Year	19.99	2.47	19.3	4.9	7.8	S.	38	NW.	3	135	132	98	102	65	51	30	4	82	17	13	10	35	42	12	150	4	48

OKLAHOMA CITY, OKLA.

Airport [H=1,280 ft.; H_b=1,304 ft.; H_t=28 ft.; H_r=3 ft.; H_a=60 ft.] City [H=1,247 ft.; H_b=1,214 ft.; H_t=10 ft.; H_r=3 ft.; H_a=47 ft.]

January	1.12	.51	T	7.4	9.1	S.	24	NW.	0	6	7	18	8	6	4	0	0	15	4	2	0	0	0	0	15	0	0
February	1.83	.61	2.8	6.8	8.7	N.	31	NW.	0	7	5	16	11	7	5	3	0	11	1	0	0	2	0	0	16	0	0
March	.58	.18	.2	6.0	10.3	N.	29	NW.	0	11	9	11	7	6	4	3	0	4	1	0	0	0	0	0	12	0	2
April	5.90	2.36	.0	6.9	9.9	S.	25	S.	0	6	10	14	16	12	0	0	1	5	1	1	0	0	0	0	0	0	6
May	5.22	1.71	.0	6.4	9.2	S.	23	SW.	0	5	11	15	12	8	0	0	0	2	0	0	0	0	1	0	0	0	6
June	5.99	3.02	.0	5.5	8.4	S.	21	S.	0	9	10	11	9	6	0	0	0	3	0	0	0	0	9	1	0	0	7
July	1.08	.53	.0	4.2	7.3	S.	26	N.	0	14	13	4	5	4	0	0	0	2	0	0	0	0	21	16	0	0	5
August	3.08	1.53	.0	4.9	7.5	S.	20	N.	0	12	14	5	10	8	0	0	0	6	1	1	1	0	20	12	0	0	9
September	4.57	3.47	.0	5.4	9.4	S.	23	SW.	0	12	11	7	8	6	0	0	0	9	3	2	1	0	8	3	0	0	5
October	10.35	3.18	T	6.8	8.7	S.	23	SE.	0	8	6	17	21	18	1	0	0	8	2	2	2	0	0	0	0	0	8
November	1.49	.93	T	4.1	8.6	S.	24	NW.	0	12	13	5	6	3	2	0	0	3	0	0	0	0	0	0	4	0	0
December	1.07	.54	.1	5.2	8.9	S.	22	SW.	0	12	9	10	9	4	4	1	0	7	3	2	0	0	0	0	9	0	0
Year	42.28	3.47	3.1	5.8	8.8	S.	31	NW.	0	114	118	133	122	88	20	7	1	75	16	10	4	2	59	32	56	0	48

OMAHA, NEBR.

Airport [H=982 ft.; H_b=996 ft.; H_t=5 ft.; H_r=3 ft.; H_a=68 ft.]

January	1.03	0.62	12.2	7.3	9.5	NW.	37	NW.	2	5	7	19	8	4	12	4	0	17	8	7	6	12	0	0	30	0	0
February	.59	.47	3.7	6.5	10.7	NW.	40	NW.	2	6	8	14	5	4	11	4	0	8	3	1	1	10	0	0	27	0	0
March	.36	.24	3.4	6.6	11.3	NW.	45	NW.	2	7	8	16	4	4	12	4	0	6	1	1	1	1	0	0	24	0	1
April	3.07	1.31	.0	7.5	12.0	SE.	38	S.	6	6	4	20	9	8	0	0	0	10	1	1	1	0	0	0	0	0	3
May	1.05	.37	.0	5.9	10.4	S.	34	NW.	4	5	16	10	13	6	0	0	0	4	1	1	0	0	4	0	0	0	10
June	6.69	1.84	.0	5.6	10.5	SE.	40	NW.	3	10	10	10	12	12	0	0	1	5	0	0	0	0	8	2	0	0	11
July	2.70	1.10	.0	4.6	8.7	SE.	56	NW.	3	11	15	5	9	7	0	0	1	1	0	0	0	0	15	10	0	0	9
August	.73	.46	.0	4.4	9.3	SE.	30	E.	0	14	11	6	5	5	0	0	0	0	0	0	0	0	14	7	0	0	5
September	5.27	1.67	.0	4.9	12.8	SE.	36	SE.	4	12	7	11	12	9	0	0	0	7	0	0	0	0	3	0	0	0	8
October	3.57	1.19	5.2	6.4	10.3	SE.	44	NW.	4	9	4	18	11	8	1	1	0	15	8	7	0	0	0	0	3	0	4
November	1.01	.78	2.5	5.7	11.2	SE.	57	NW.	2	11	7	12	5	4	9	2	0	8	4	5	1	3	0	0	20	0	2
December	3.30	1.79	10.8	6.9	12.2	SE.	34	NW.	4	6	7	18	8	5	10	6	0	14	6	7	4	9	0	0	22	0	1
Year	29.37	1.84	37.8	6.0	10.7	SE.	56	NW.	36	102	104	159	101	76	55	21	2	95	32	30	14	35	44	19	126	0	54

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

OSWEGO, N. Y.
[ϕ=43°27′ N.; λ=76°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 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	29.78	30.17	30.26	29.18	------	21.2	24.4	24.3	------	19.6	22.3	22.6	29.2	16.1	22.6	43	−2	----	15	17	19	17	----	77	72	78	76
February	29.54	29.92	29.98	28.79	------	21.9	25.7	25.8	------	20.1	23.2	23.5	29.4	18.1	23.8	42	1	----	15	18	18	17	----	73	70	71	71
March	29.60	29.99	30.09	28.07	------	23.9	29.3	29.3	------	21.7	26.1	26.5	32.7	20.4	26.6	43	2	----	16	20	21	19	----	71	66	69	69
April	29.72	30.10	30.09	29.14	------	46.0	51.6	49.0	------	41.8	44.4	43.5	56.9	38.9	47.9	85	29	----	37	36	37	37	----	71	57	65	64
May	29.59	29.95	29.90	29.21	------	53.0	59.2	57.8	------	48.1	50.8	50.5	64.4	46.3	55.4	87	36	----	43	43	43	43	----	70	56	61	62
June	29.59	29.95	29.84	29.35	------	65.0	71.2	68.3	------	59.2	61.4	60.4	75.1	58.0	66.6	96	47	----	55	55	55	55	----	72	58	64	65
July	29.57	29.93	29.89	29.17	------	69.3	76.2	73.4	------	64.1	66.1	65.8	79.7	63.3	71.5	93	55	----	61	60	61	61	----	76	60	68	68
August	29.59	29.95	29.98	29.18	------	64.7	71.6	68.8	------	59.8	62.7	62.1	74.3	59.3	66.8	90	49	----	56	57	58	57	----	75	62	69	68
September	29.70	30.07	30.05	29.14	------	59.4	69.9	65.1	------	55.0	59.6	58.8	73.3	54.6	64.0	91	35	----	51	52	54	53	----	75	55	69	66
October	29.68	30.05	30.26	29.16	------	49.5	55.7	54.0	------	45.9	50.3	49.6	59.4	45.5	52.4	85	28	----	42	45	45	44	----	76	69	73	72
November	29.61	29.98	30.14	28.91	------	41.9	46.7	44.3	------	38.5	41.2	40.2	49.5	36.9	43.2	72	23	----	34	34	35	34	----	73	63	70	69
December	29.66	30.05	30.27	28.83	------	29.8	33.4	33.2	------	27.7	30.9	31.0	38.2	24.1	31.2	62	3	----	24	26	27	26	----	77	74	77	76
Year	29.64	30.01	30.27	28.79	------	45.5	51.2	49.4	------	41.8	44.9	44.5	55.2	40.1	47.7	96	−2	----	37	39	39	39	----	74	64	70	69

PALESTINE, TEX.
[ϕ=31°45′ N.; λ=95°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
January	29.63	30.17	30.08	29.04	48.8	45.3	54.8	55.3	45.0	42.8	47.8	48.3	60.1	42.9	51.5	71	28	40	40	40	41	40	74	82	60	60	69
February	29.55	30.09	29.91	29.02	46.5	42.7	50.8	52.0	42.3	39.7	43.8	44.7	55.2	40.8	48.0	70	29	37	36	35	36	36	72	78	60	60	67
March	29.53	30.06	29.98	29.13	50.5	46.4	56.2	57.7	45.5	42.9	47.4	48.5	61.2	44.5	52.8	80	34	40	39	38	38	39	68	75	53	53	62
April	29.43	29.96	29.77	29.05	63.4	60.1	70.7	71.6	58.0	57.1	60.3	61.0	74.6	58.6	66.6	84	48	54	55	52	54	54	73	83	56	56	67
May	29.46	29.98	29.68	29.09	69.8	66.7	78.8	79.2	65.6	64.8	68.2	68.3	82.6	65.4	74.0	89	58	64	64	63	63	63	82	90	59	59	72
June	29.44	29.96	29.62	29.20	73.5	72.0	83.2	81.4	70.2	69.5	72.8	72.1	87.2	69.1	78.2	92	63	69	68	68	68	68	85	90	62	66	76
July	29.46	29.98	29.63	29.28	77.2	74.9	86.3	87.9	73.5	73.0	74.9	75.2	91.5	73.4	82.4	97	68	72	72	70	70	71	84	92	60	57	73
August	29.46	29.98	29.62	29.31	78.2	74.9	88.2	89.1	73.5	72.8	75.5	75.5	92.9	73.9	83.4	97	71	72	72	70	70	71	81	90	56	54	70
September	29.43	29.95	29.69	28.80	74.2	71.0	83.4	81.5	70.7	69.2	72.6	72.5	87.6	69.6	78.6	96	57	69	68	68	68	68	84	92	61	67	76
October	29.50	30.03	29.76	29.19	69.0	66.5	76.5	74.0	66.3	64.9	67.8	67.6	80.6	64.1	72.4	90	41	65	64	63	64	64	87	92	65	72	79
November	29.60	30.14	30.05	29.24	51.1	47.2	61.6	60.0	46.9	44.8	51.8	51.7	66.0	44.8	55.4	80	29	42	42	43	44	43	73	84	52	57	66
December	29.56	30.10	30.00	29.02	49.8	46.9	55.8	55.5	46.1	44.4	48.9	48.9	60.0	44.5	52.2	76	31	42	41	41	42	41	76	82	61	62	70
Year	29.50	30.03	30.08	29.02	62.7	59.6	70.5	70.4	58.6	57.2	61.0	61.2	75.0	57.6	66.3	97	28	56	55	54	55	55	78	86	59	60	71

PARKERSBURG, W. VA.
[ϕ=39°16′ N.; λ=81°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	29.47	30.18	29.88	28.91	32.1	30.6	35.8	34.4	30.0	28.8	32.3	31.8	39.8	27.0	33.4	61	10	27	26	27	28	27	80	81	69	74	76
February	29.33	30.04	29.64	28.84	28.1	26.1	34.1	32.3	25.9	24.3	29.1	27.8	37.8	23.0	30.4	60	11	22	21	20	20	21	76	79	58	58	68
March	29.36	30.07	29.74	28.89	32.2	28.0	41.2	40.3	29.4	26.1	34.2	34.1	45.7	25.5	35.6	64	10	25	23	23	24	24	74	81	50	53	64
April	29.39	30.07	29.74	28.90	53.0	49.7	68.3	64.9	48.4	45.8	53.7	52.8	72.1	46.2	59.2	89	33	44	42	41	42	42	72	76	40	47	59
May	29.34	30.02	29.72	28.98	57.9	56.6	74.2	71.0	53.9	52.1	58.6	58.5	78.0	50.5	64.2	93	33	51	48	46	49	48	78	74	40	48	60
June	29.30	29.97	29.58	28.89	66.3	67.0	80.2	75.9	64.4	63.3	67.4	67.6	83.0	62.1	72.6	96	51	63	61	60	63	62	91	82	53	68	74
July	29.30	29.97	29.54	28.97	70.1	70.2	84.2	78.1	68.0	67.3	71.6	70.4	86.8	66.0	76.4	98	55	67	66	66	67	66	90	86	55	70	75
August	29.33	30.00	29.59	29.06	66.8	65.8	81.1	77.4	64.1	62.9	67.7	67.9	84.1	61.9	73.0	92	50	63	61	60	63	62	87	85	52	62	71
September	29.43	30.10	29.72	28.97	63.7	60.9	79.1	73.0	60.2	57.8	65.2	65.0	82.4	57.4	69.9	95	42	58	56	56	60	58	82	84	49	66	70
October	29.44	30.12	29.79	28.98	57.1	54.8	68.3	62.8	54.3	52.2	58.8	57.1	71.4	51.3	61.4	90	31	52	50	52	53	52	84	86	58	71	75
November	29.40	30.10	29.79	28.72	41.4	38.7	53.7	47.7	38.9	36.5	44.4	41.6	56.1	35.1	45.6	74	20	36	34	34	35	35	81	82	48	61	68
December	29.41	30.11	29.85	28.69	38.0	36.3	44.8	41.8	35.6	34.1	39.4	37.9	47.8	32.3	40.0	67	17	31	31	33	32	32	80	80	63	69	73
Year	29.37	30.06	29.88	28.69	50.6	48.7	62.1	58.3	47.8	45.9	51.9	51.0	65.4	44.9	55.1	98	10	45	43	43	45	44	81	81	53	62	69

PENSACOLA, FLA.
[ϕ=30°25′ N.; λ=87°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	30.11	30.17	30.44	29.61	------	47.4	58.9	56.0	------	45.3	50.9	51.0	61.9	44.4	53.2	74	32	----	43	42	46	44	----	84	57	70	70
February	30.00	30.06	30.27	29.59	------	52.6	54.4	53.4	------	42.0	46.2	47.1	58.1	42.6	50.4	68	29	----	38	36	40	38	----	75	54	63	64
March	30.00	30.06	30.38	29.63	------	51.2	59.8	58.4	------	47.7	52.1	52.4	63.8	48.0	55.9	80	30	----	44	44	46	44	----	76	58	66	65
April	29.98	30.04	30.30	29.59	------	64.2	71.7	69.6	------	61.5	64.1	64.0	74.3	62.0	68.2	81	52	----	60	59	60	60	----	86	67	74	76
May	29.98	30.04	30.20	29.75	------	70.4	79.2	76.2	------	66.1	68.6	67.6	81.4	66.5	74.0	96	57	----	63	62	62	63	----	80	60	65	68
June	29.95	30.01	30.11	29.78	76.3	76.4	83.0	79.9	73.7	73.5	75.1	74.4	85.8	73.0	79.4	91	69	73	72	72	72	72	89	87	70	77	81
July	29.94	30.00	30.13	29.83	78.6	78.7	85.2	82.3	75.9	75.8	76.6	76.1	88.9	75.3	82.1	97	71	75	75	73	74	74	88	88	69	76	80
August	29.94	30.00	30.07	29.83	79.5	78.5	87.4	83.4	76.1	75.5	77.8	77.1	90.5	76.0	83.2	96	71	75	74	74	75	74	86	88	66	76	79
September	29.95	30.01	30.19	29.75	77.8	75.1	84.4	81.2	73.8	73.0	75.4	75.3	86.6	74.2	80.4	93	69	72	72	72	73	72	83	86	67	77	78
October	30.00	30.06	30.22	29.63	73.5	70.4	81.7	78.1	69.3	67.4	71.5	71.5	83.7	68.7	76.2	93	52	67	66	66	68	67	81	85	62	73	75
November	30.04	30.10	30.34	29.66	------	52.8	66.1	61.4	------	49.6	56.7	55.2	68.6	49.9	59.2	78	32	----	46	48	50	48	----	80	56	67	67
December	30.04	30.10	30.30	29.58	------	51.9	61.2	58.0	------	49.2	53.7	53.1	64.1	48.2	56.2	76	34	----	46	46	48	47	----	82	61	72	72
Year	30.00	30.06	30.44	29.58	------	64.2	72.8	69.8	------	60.6	64.1	63.7	75.6	60.7	68.2	97	29	----	58	58	60	59	----	83	62	71	73

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

OSWEGO, N. Y.

[H=292 ft.; H_b=335 ft.; H_t=71 ft.; H_r=69 ft.; H_a=85 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	0.84 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	2.03	0.44	22.2	8.9	9.5	SE.	25	SE.	0	1	4	26	19	14	25	16	0	1	0	0	0	22	0	0	31	1	1
February	3.10	1.22	27.2	7.9	12.5	NW.	26	W.	0	2	7	19	11	9	20	10	0	0	0	0	0	19	0	0	27	0	0
March	1.96	.89	16.5	6.2	10.9	NW.	34	NW.	1	8	10	13	13	10	13	12	0	1	1	0	0	14	0	0	29	0	0
April	.66	.35	.7	4.0	8.2	W.	23	SW.	0	15	9	6	8	7	1	1	0	1	0	0	0	0	0	0	8	0	1
May	1.17	.45	.0	5.2	7.9	W.	21	NW.	0	12	11	8	11	7	0	0	0	3	1	1	1	0	0	0	0	0	1
June	.99	.67	.0	3.9	7.4	W	22	SW.	0	17	8	5	8	3	0	0	0	0	0	0	0	0	2	1	0	0	3
July	4.01	1.22	.0	4.9	7.7	S.	34	N.	1	10	15	6	7	7	0	0	0	0	0	0	0	0	1	0	0	0	6
August	5.21	1.76	.0	4.3	8.4	S.	34	N.	1	14	11	6	9	9	0	0	1	0	0	0	0	0	1	0	0	0	2
September	1.41	.76	.0	4.2	9.4	S.	26	NW.	0	12	13	5	7	6	0	0	0	0	0	0	0	0	1	0	0	0	2
October	3.70	.93	T	7.4	10.4	S.	29	NW.	0	4	9	18	15	13	1	0	1	8	1	1	1	0	0	0	2	0	2
November	2.61	.79	.6	7.8	10.9	S.	30	SE.	0	3	8	19	16	10	6	4	1	1	0	0	0	0	0	0	6	0	1
December	3.06	1.50	14.2	8.5	11.3	SE.	35	N.	1	1	6	24	20	10	16	12	0	3	0	0	0	9	0	0	25	0	0
Year	29.91	1.76	81.4	6.1	9.5	S.	35	N.	4	99	111	155	144	105	82	55	3	18	3	2	2	64	5	1	128	1	19

PALESTINE, TEX.

[H=492 ft.; H_b=510 ft.; H_t=64 ft.; H_r=57 ft.; H_a=72 ft.]

January	3.15	2.24	0.0	6.3	7.1	S.	20	S.	0	8	7	16	13	6	0	0	1	5	0	1	2	0	0	0	2	0	4
February	4.21	1.31	.0	6.9	7.9	N.	32	S.	1	5	8	15	10	7	0	0	0	10	3	0	0	0	0	0	3	0	1
March	3.11	1.34	.0	6.1	9.3	N.	23	S.	0	9	9	13	11	10	0	0	0	5	1	0	0	0	0	0	0	0	2
April	3.55	1.41	.0	6.5	9.1	SE.	26	SE.	0	8	4	18	10	9	0	0	1	6	1	1	0	0	0	0	0	0	6
May	3.56	2.27	.0	5.9	7.3	S.	20	S.	0	6	13	12	10	7	0	0	0	9	3	1	2	0	0	0	0	0	4
June	7.83	2.89	.0	6.3	6.8	S.	26	SE.	0	5	13	12	15	12	0	0	0	2	1	0	2	0	6	0	0	0	10
July	2.92	1.31	.0	4.4	6.0	S.	22	SE.	0	17	9	5	8	7	0	0	0	0	0	1	0	0	24	1	0	0	7
August	1.43	.67	.0	5.1	6.3	S.	17	S.	0	11	12	8	7	4	0	0	0	0	0	0	0	0	29	4	0	0	11
September	4.84	2.33	.0	5.0	7.4	E.	34	NW.	1	10	13	7	9	8	0	0	0	3	0	0	0	0	9	2	0	0	4
October	6.29	3.86	.0	6.7	6.8	S.	20	NW.	0	4	13	14	11	7	0	0	0	7	1	0	0	0	0	0	0	0	5
November	4.03	2.76	.0	4.1	6.6	S.	21	N.	0	13	10	7	4	4	0	0	0	1	0	1	0	0	0	0	2	0	2
December	3.34	1.19	.0	6.2	6.6	N.	20	NW.	0	7	8	16	10	8	0	0	1	3	2	0	7	0	0	0	1	0	3
Year	48.26	3.86	.0	5.8	7.3	S.	34	NW.	2	103	119	143	118	89	0	0	3	51	12	5	13	0	68	7	8	0	59

PARKERSBURG, W. VA.

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

January	2.72	1.14	2.5	8.1	5.9	SW.	30	NW.	0	4	3	24	13	10	14	3	0	12	2	1	0	7	0	0	26	0	0
February	1.25	.43	9.3	7.1	7.4	W.	32	W.	0	4	8	16	11	7	16	9	0	2	0	0	0	10	0	0	26	0	0
March	1.26	.47	8.2	6.2	7.0	NW.	27	W.	0	8	8	15	13	7	14	7	1	11	0	1	0	2	0	0	25	0	0
April	1.70	.56	.0	4.4	5.1	NW.	28	NW.	0	14	10	6	8	8	0	0	0	5	0	0	0	0	0	0	0	0	3
May	3.37	1.58	.0	4.1	5.4	NW.	38	NW.	1	14	12	5	10	9	0	0	1	12	0	0	0	0	5	0	0	0	11
June	6.10	2.21	.0	5.5	4.6	SE.	32	W.	1	11	6	13	14	11	0	0	1	18	3	0	2	0	6	1	0	0	9
July	4.84	1.54	.0	5.2	4.4	SE.	27	W.	0	11	11	9	14	13	0	0	0	20	0	0	0	0	9	6	0	0	12
August	2.16	.56	.0	3.9	4.5	SE.	17	N.	0	15	12	4	8	7	0	0	0	25	3	0	4	0	6	0	0	0	7
September	2.36	1.11	.0	3.7	4.7	SE.	27	SW.	0	15	10	5	6	4	0	0	0	24	0	0	4	0	3	0	0	0	6
October	3.06	.85	.0	6.0	5.3	SE.	22	NW.	0	8	11	12	13	13	0	0	0	15	4	0	6	0	0	0	1	0	1
November	1.58	.74	.1	4.9	5.4	SE.	18	W.	0	12	9	9	7	5	5	1	0	16	1	0	1	0	0	0	9	0	0
December	1.17	.57	T	7.3	6.1	SE.	25	SW.	0	4	9	18	8	5	6	0	0	11	3	3	2	1	0	0	17	0	1
Year	31.57	2.21	20.1	5.5	5.5	SE.	38	NW.	2	120	109	136	125	99	55	20	3	171	16	5	19	20	29	7	104	0	50

PENSACOLA, FLA.

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

January	2.75	1.23	0.0	4.9	7.4	N.	24	NW.	0	12	9	10	7	6	0	0	0	6	2	0	0	0	0	0	1	0	3
February	3.23	1.58	.0	5.4	8.4	N.	25	SE.	0	8	11	9	7	7	0	0	0	1	0	0	0	0	0	0	1	0	0
March	9.71	3.28	T	6.3	8.7	N.	20	NW.	0	8	7	16	7	6	2	0	0	3	2	1	1	0	0	0	1	0	2
April	2.93	1.95	.0	5.0	8.3	SE.	29	SE.	0	11	9	10	5	2	0	0	0	8	3	3	3	0	0	0	0	0	2
May	1.24	1.01	.0	3.6	8.0	SE.	24	SE.	0	18	6	7	3	3	0	0	0	1	0	0	0	0	2	1	0	0	1
June	6.14	1.21	.0	6.2	6.7	W.	25	NW.	0	5	14	11	16	13	0	0	0	0	0	0	0	0	3	0	0	0	13
July	11.31	3.73	.0	6.1	6.6	W.	20	W.	0	4	18	9	16	15	0	0	0	0	0	0	0	0	13	2	0	0	13
August	3.05	.70	.0	5.5	6.4	W.	26	NW.	0	3	24	4	16	12	0	0	0	0	0	0	0	0	14	2	0	0	15
September	4.46	1.48	.0	5.7	8.6	E.	30	SE.	0	10	10	10	10	9	0	0	0	0	0	0	0	0	6	0	0	0	5
October	2.30	.86	.0	4.4	8.2	SE.	23	SE.	0	16	11	5	7	5	0	0	0	0	1	0	0	0	3	0	0	0	1
November	2.29	1.16	.0	4.6	7.8	NE.	20	SE.	0	12	11	7	7	6	0	0	0	5	2	2	1	0	0	0	0	0	1
December	6.16	2.10	.0	6.1	8.0	N.	29	SE.	0	7	13	11	11	9	0	0	0	1	1	0	0	0	0	0	0	0	2
Year	55.57	3.73	T	5.3	7.7	W.	30	SE.	0	113	143	109	112	93	1	0	0	25	11	6	5	0	41	5	3	0	58

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

PEORIA, ILL.

Airport [ϕ=40°43′ N.; λ=89°37′ W.] City [ϕ=40°43′ N.; λ=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
	In. (1 2)	In. (1)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.50	30.18	29.90	28.84	26.6	24.6	30.2	28.8	25.5	23.8	28.2	27.5	33.9	22.8	28.4	51	2	23	22	25	25	24	87	90	79	86	85
February	29.43	30.11	29.82	28.74	22.8	20.3	29.1	27.2	21.7	18.6	26.1	25.0	33.5	17.9	25.7	57	−2	19	17	20	20	19	85	86	68	74	78
March	29.42	30.10	29.86	28.72	30.9	28.6	39.1	36.8	29.1	27.3	34.2	33.3	44.2	26.6	35.4	61	7	26	25	27	28	27	81	86	62	71	75
April	29.37	30.03	29.80	28.81	50.4	48.4	61.9	60.1	47.2	45.9	53.1	52.9	66.0	46.1	56.0	87	35	44	44	46	47	45	80	84	60	65	72
May	29.35	30.00	29.76	28.94	59.7	59.8	74.2	70.4	55.5	55.8	62.0	61.0	78.1	55.6	66.8	92	37	52	52	54	54	53	78	78	51	60	67
June	29.28	29.93	29.54	29.00	65.9	66.1	80.3	76.0	62.4	62.9	68.6	67.5	84.1	62.8	73.4	98	52	60	61	63	63	62	83	85	58	67	73
July	29.30	29.95	29.57	28.97	69.2	68.5	84.1	82.0	64.7	64.9	70.4	69.5	88.6	65.4	77.0	102	53	62	63	64	63	63	79	83	52	54	67
August	29.34	29.99	29.62	29.04	68.3	66.9	82.9	79.3	64.3	63.4	69.3	68.8	87.2	65.1	76.2	101	54	62	61	62	64	62	81	83	52	60	69
September	29.36	30.02	29.78	28.70	63.5	61.1	76.6	71.4	59.9	58.6	65.0	63.8	81.1	58.3	69.7	93	38	58	57	58	59	58	82	87	56	67	73
October	29.40	30.05	29.75	28.77	53.9	51.9	62.4	58.6	51.9	50.6	56.2	54.7	67.3	48.8	58.0	83	27	50	50	52	52	51	87	91	70	78	82
November	29.37	30.03	29.81	28.73	38.6	36.2	48.1	43.7	37.0	35.0	43.1	40.7	51.6	35.0	43.3	75	15	35	34	38	37	36	87	90	69	79	81
December	29.39	30.07	29.89	28.68	34.1	32.8	39.0	36.3	32.8	31.7	35.6	34.2	42.8	30.1	36.4	60	12	31	30	31	31	31	87	88	72	81	82
Year	29.38	30.04	29.90	28.68	48.7	30.4	59.0	55.9	46.0	44.9	51.0	49.9	63.2	44.5	53.9	102	−2	44	43	45	45	44	83	86	62	70	75

PHILADELPHIA, PA.

Airport [ϕ=39°53′ N.; λ=75°14′ W.] City [ϕ=39°57′ N.; λ=75°09′ 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 2) 30.02	(2) 30.15	(1 2) 30.48	(1 2) 29.50	(2) 28.6	(2) 27.1	(2) 34.9	(2) 31.7	(2) 26.9	(2) 25.5	(2) 31.1	(2) 29.4	37.7	26.0	31.8	52	15	(2) 23	(2) 22	(2) 24	(2) 25	(2) 24	(2) 79	(2) 81	(2) 65	(2) 76	(2) 75
February	29.81	29.94	30.22	29.01	28.3	25.7	35.3	31.5	25.9	23.9	30.8	28.5	38.2	25.4	31.8	50	16	21	20	23	23	22	72	77	60	69	69
March	29.84	29.97	30.33	29.27	31.8	31.5	41.2	36.9	29.0	28.8	34.8	32.5	45.2	29.6	37.4	57	16	24	24	24	25	24	72	71	52	62	64
April	29.95	30.07	30.32	29.43	49.4	50.1	67.4	60.1	45.5	45.7	53.0	50.8	70.0	48.4	59.2	90	37	41	41	38	42	41	76	73	38	54	60
May	29.83	29.96	30.20	29.41	57.1	60.6	75.3	67.2	52.8	53.9	58.5	57.4	77.2	55.4	66.3	94	39	49	48	44	49	48	75	64	35	55	57
June	29.85	29.97	30.11	29.41	65.0	67.5	78.7	73.9	62.0	62.8	66.2	65.4	80.7	63.5	72.1	95	55	60	60	59	60	60	85	77	54	65	70
July	29.85	29.97	30.10	29.55	70.4	71.9	82.4	76.4	67.5	68.2	71.0	70.0	84.1	68.8	76.4	97	61	66	66	65	67	66	86	83	59	74	76
August	29.85	29.97	30.25	29.50	67.2	68.6	82.0	75.7	63.1	63.8	67.1	67.0	84.1	66.5	75.3	96	58	60	61	58	62	60	80	77	46	64	67
September	29.99	30.12	30.31	29.61	63.5	63.3	79.3	70.7	59.8	59.2	64.5	63.0	81.3	61.3	71.3	93	50	57	56	55	58	57	81	79	44	65	67
October	29.98	30.10	30.43	29.59	56.6	55.4	69.7	62.1	52.7	52.5	57.8	55.3	71.6	54.0	62.8	94	36	49	50	48	50	49	77	82	48	65	68
November	29.94	30.07	30.40	29.26	42.9	40.6	56.6	47.8	40.3	38.5	47.5	43.3	58.5	42.2	50.4	73	32	37	36	37	38	37	79	83	50	68	70
December	29.96	30.09	30.49	29.25	35.6	35.2	43.6	39.2	33.5	33.0	37.8	35.7	46.4	33.2	39.8	63	18	30	29	29	30	29	78	78	56	69	70
Year	29.91	30.03	30.49	29.01	49.7	49.8	62.2	56.1	46.6	46.3	51.7	49.9	64.6	47.9	56.2	97	15	43	43	42	44	43	78	77	51	66	68

PHOENIX, ARIZ.

Airport [ϕ=33°26′ N.; λ=112°03′ W.] City [ϕ=33°28′ N.; λ=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
January	(1 2) 28.87	(2) 30.04	(1 2) 29.18	(1 2) 28.66	(2) 49.3	(2) 44.5	(2) 58.5	(2) 61.8	(2) 46.9	(2) 43.2	(2) 51.0	(2) 52.5	65.6	44.1	54.8	76	36	(2) 44	(2) 42	(2) 44	(2) 44	(2) 44	(2) 85	(2) 90	(2) 61	(2) 55	(2) 73
February	28.80	29.95	29.06	28.44	53.3	48.9	61.7	66.3	50.5	47.1	54.0	55.5	69.1	48.4	58.8	81	42	48	45	48	47	47	84	89	62	52	72
March	28.76	29.92	29.18	28.47	53.0	48.5	64.0	68.5	49.6	46.3	53.7	54.7	71.9	47.8	59.8	83	40	46	44	45	42	44	80	86	52	42	65
April	28.70	29.84	28.92	28.36	55.8	50.4	68.6	72.8	50.3	46.9	54.6	54.6	75.6	50.3	63.0	90	41	45	44	43	38	42	71	79	42	32	56
May	28.67	29.80	28.82	28.44	68.0	60.5	83.6	88.3	56.6	52.9	60.1	61.5	90.9	62.0	76.4	102	52	47	46	41	40	44	50	61	25	21	40
June	28.64	29.76	28.78	28.44	73.9	65.2	91.1	96.4	57.2	52.8	61.8	63.4	98.4	67.2	82.8	108	60	44	42	38	37	40	36	43	16	13	27
July	28.67	29.78	28.90	28.48	83.5	76.1	95.1	101.2	67.8	65.4	70.2	67.7	103.7	75.9	89.8	110	67	59	59	56	53	56	46	57	31	23	40
August	28.70	29.81	28.88	28.50	80.7	74.0	92.1	97.5	68.2	66.8	70.9	70.6	100.3	73.9	87.1	106	69	61	63	60	55	60	54	70	36	27	47
September	28.61	29.74	28.84	28.24	72.5	65.6	87.7	92.3	61.2	57.6	64.8	65.5	95.5	65.8	80.6	104	55	53	52	49	47	50	54	62	29	23	42
October	28.74	29.88	28.96	28.26	61.2	55.3	74.7	77.1	54.6	51.2	58.8	59.0	81.5	54.9	68.2	96	44	50	48	47	46	48	66	76	38	34	54
November	28.82	29.98	29.13	28.46	51.9	46.9	69.5	69.7	46.4	42.7	53.3	54.7	77.4	46.8	62.1	89	32	41	38	38	41	39	68	73	34	36	53
December	28.82	29.98	29.06	28.46	47.3	42.3	58.1	60.0	44.1	40.1	48.9	49.9	65.7	42.6	54.2	80	30	40	38	40	40	39	79	84	53	50	67
Year	28.73	29.87	29.18	28.24	62.5	56.5	75.4	79.3	54.4	51.1	58.5	59.1	83.0	56.6	69.8	110	30	48	47	46	44	46	64	72	40	34	53

PITTSBURGH, PA.

Airport [ϕ=40°21′ N.; λ=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
January	(1) 29.23	30.16	(1) 29.63	(1) 28.72	27.4	26.0	31.5	29.7	25.7	24.8	28.7	27.7	34.6	22.5	28.6	53	7	22	22	24	24	23	80	85	72	78	79
February	29.07	29.99	29.39	28.52	24.3	22.6	30.2	27.4	22.2	21.3	26.4	24.4	33.2	18.8	26.0	57	6	18	18	19	19	19	76	83	64	69	73
March	29.12	30.04	29.44	28.62	28.0	25.5	35.7	34.2	25.4	23.6	30.5	30.0	40.2	22.5	31.4	63	5	20	20	22	23	21	72	78	57	63	68
April	29.17	30.08	29.51	28.70	51.8	48.6	66.0	61.5	45.0	43.2	50.7	49.6	69.2	44.7	57.0	87	30	38	37	35	38	37	61	66	35	45	52
May	29.12	30.01	29.50	28.80	57.5	56.3	70.1	66.0	50.7	50.8	55.8	54.6	73.9	50.1	62.0	90	33	44	46	43	44	44	63	69	42	49	56
June	29.08	29.98	29.37	28.62	65.0	65.2	77.1	74.3	60.3	60.8	64.4	63.9	80.4	60.3	70.4	95	51	57	58	56	58	57	78	78	53	59	67
July	29.08	29.97	29.31	28.78	68.6	68.3	81.0	76.3	64.6	64.7	68.6	67.3	84.3	64.6	74.4	96	56	62	63	62	62	62	81	83	55	64	70
August	29.12	30.01	29.40	28.84	65.5	63.8	78.2	73.6	60.3	60.3	64.3	63.3	81.3	60.2	70.8	91	49	57	58	56	57	57	74	82	48	58	66
September	29.22	30.12	29.48	28.75	61.5	59.6	76.5	69.6	57.3	56.2	63.0	60.6	79.1	55.9	67.5	92	45	54	54	54	55	54	78	81	47	60	67
October	29.21	30.12	29.58	28.75	55.2	52.3	63.6	59.0	51.4	49.7	55.0	53.6	67.0	49.7	58.4	87	32	48	47	48	49	48	77	84	59	70	72
November	29.15	30.07	29.55	28.49	41.3	39.8	50.3	45.5	37.2	36.6	42.3	39.6	52.9	36.5	44.7	71	22	32	32	33	32	32	69	74	54	61	65
December	29.17	30.09	29.58	28.47	35.5	34.4	40.6	38.1	33.1	32.3	36.2	34.9	43.5	30.6	37.1	70	15	29	29	30	30	30	78	80	66	73	74
Year	29.15	30.05	29.63	28.47	48.5	46.9	58.4	54.6	44.4	43.7	48.8	47.5	61.6	43.0	52.4	96	55	40	40	40	41	40	74	79	54		67

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Peoria, 609 feet; Philadelphia, 114 feet; Phoenix, 1,107 feet, Pittsburgh, 842 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

PEORIA, ILL.

Airport [H=654 ft.; H_b=662 ft.; H_t=6 ft.; H_r=4 ft.; H_a=20 ft.] City [H=603 ft.; H_b=609 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	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.84 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	3.56	1.16	9.1	7.0	7.1	W.	22	W.	0	7	5	19	13	12	9	5	0	3	2	0	0	13	0	0	28	0	0
February	1.01	.68	3.2	4.8	7.4	NW.	25	W.	0	12	6	10	7	5	10	5	0	6	2	0	0	14	0	0	27	1	0
March	1.86	1.04	5.1	4.9	7.2	N.	23	W.	0	14	6	11	8	6	8	5	0	3	0	0	0	2	0	0	23	0	3
April	4.40	1.28	.0	5.4	6.8	E.	25	SW.	0	11	6	13	10	10	0	0	0	4	0	0	0	0	0	0	0	0	4
May	5.64	1.66	.0	3.8	5.4	S.	20	W.	0	14	14	3	9	9	0	0	1	2	0	0	0	0	4	0	0	0	7
June	3.16	1.63	.0	4.6	4.7	S.	24	NW.	0	10	11	9	11	8	0	0	0	0	0	0	0	0	10	6	0	0	7
July	1.89	1.58	.0	3.5	4.8	NE.	23	NW.	0	16	12	3	5	3	0	0	0	3	0	0	0	0	15	6	0	0	3
August	2.07	.91	.0	4.0	4.5	E.	13	SW.	0	16	11	4	11	8	0	0	0	0	0	0	0	0	13	8	0	0	5
September	4.87	2.30	.0	4.5	5.1	S.	17	W.	0	12	10	8	11	10	0	0	0	0	0	0	0	0	6	0	0	0	1
October	10.53	2.58	.0	5.6	4.7	S.	19	SW.	0	9	8	14	18	16	0	0	0	2	0	0	0	0	0	0	2	0	7
November	2.02	.81	3.5	4.9	6.7	S.	19	W.	0	15	3	12	7	5	6	3	0	4	0	0	1	3	0	0	12	0	1
December	1.38	.46	3.6	6.6	6.4	S.	24	SW.	0	8	6	17	10	5	8	4	0	6	2	0	0	6	0	0	20	0	0
Year	42.39	2.58	24.5	5.0	5.9	S.	25	SW.	0	144	98	123	120	97	41	22	1	33	6	0	1	38	48	20	112	1	38

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: 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: 0.84 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	3.16	1.02	6.2	5.9	13.4	N.	31	NW.	0	11	4	16	12	6	12	6	0	9	1	3	1	5	0	0	25	0	0
February	2.08	.95	8.9	4.8	14.1	NW.	37	NW.	2	14	4	10	6	4	5	3	0	5	2	2	1	3	0	0	24	0	0
March	2.80	1.60	11.3	4.6	14.5	NW.	38	N.	4	14	6	11	10	6	7	6	0	5	0	0	0	2	0	0	18	0	0
April	2.48	1.15	.0	3.7	11.9	N.	35	SW.	2	16	8	6	6	6	0	0	0	4	0	0	0	0	2	0	0	0	1
May	.87	.22	.0	4.4	11.9	NW.	38	N.	3	11	16	4	9	7	0	0	0	0	0	0	0	0	4	0	0	0	4
June	4.96	1.74	.0	5.3	11.5	SW.	31	N .	0	12	8	10	8	7	0	0	0	9	0	0	0	0	6	0	0	0	4
July	5.60	2.83	.0	6.2	11.3	SW.	52	N.	2	5	14	12	13	11	0	0	0	7	0	0	0	0	5	2	0	0	10
August	2.59	1.24	.0	3.9	11.5	N.	33	N.	1	14	14	3	5	5	0	0	0	7	0	0	0	0	6	1	0	0	4
September	.51	.18	.0	3.4	11.9	N.	39	S.	3	16	10	4	5	4	0	0	0	10	3	2	0	0	4	0	0	0	2
October	1.10	.99	.0	5.1	12.4	SW.	34	SW.	3	11	10	10	8	4	0	0	0	9	0	0	0	0	2	0	0	0	0
November	2.36	1.00	.0	4.6	11.9	SW.	33	S.	1	10	14	6	5	4	0	0	0	7	1	0	1	0	0	0	1	0	0
December	3.67	3.03	.5	5.8	12.3	N.	43	S.	3	6	15	10	5	4	5	1	0	7	1	3	1	0	0	0	16	0	0
Year	32.18	3.03	26.9	4.8	12.4	SW.	52	N.	24	140	123	102	92	68	29	16	0	79	8	10	4	10	29	3	84	0	25

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=1,106 ft.; H_t=39 ft.; H_r=37 ft.; H_a=89 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: 0.84 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	1.04	0.54	0.0	5.9	4.4	E.	27	E.	0	8	12	11	5	4	0	0	0	11	2	3	1	0	0	0	0	0	0
February	1.78	.59	.0	7.0	5.4	E.	26	W.	0	5	6	17	9	8	0	0	1	5	3	1	1	0	0	0	0	0	3
March	4.82	1.31	.0	4.9	5.6	E.	30	NW.	0	13	7	11	9	8	0	0	2	4	2	0	0	0	0	0	0	0	4
April	2.12	1.24	.0	4.0	6.2	E.	25	NW.	0	17	6	7	7	5	0	0	1	1	0	0	0	0	1	0	0	0	4
May	.76	.72	.0	4.3	5.8	E.	24	W.	0	12	15	4	3	2	0	0	0	0	0	0	0	0	22	13	0	0	2
June	T	T	.0	2.0	5.7	W.	28	NW.	0	23	6	1	0	0	0	0	0	0	0	0	0	0	27	22	0	0	1
July	1.39	.46	.0	3.0	5.6	E.	29	NW.	0	21	7	3	5	5	0	0	0	0	0	0	0	0	29	27	0	0	8
August	.44	.19	.0	3.5	5.5	E.	29	SE.	0	17	12	2	4	3	0	0	0	0	0	0	0	0	31	27	0	0	8
September	1.79	1.08	.0	2.0	5.2	E.	30	SE.	0	24	6	0	5	4	0	0	0	0	0	0	0	0	25	18	0	0	2
October	.50	.45	.0	4.0	5.1	E.	22	W.	0	15	10	6	4	2	0	0	0	0	0	0	0	0	2	1	0	0	1
November	1.26	1.21	.0	2.9	4.6	E.	22	W.	0	17	10	3	3	3	0	0	0	1	0	0	0	0	0	0	0	0	0
December	1.36	.94	.0	5.1	5.0	E.	22	SW.	0	12	7	12	9	6	0	0	0	3	1	0	1	0	0	0	1	0	2
Year	17.26	1.31	.0	4.0	5.3	E.	30	NW.	0	184	104	77	63	50	0	0	4	25	8	4	3	0	137	108	1	0	35

PITTSBURGH, PA.

Airport [H=1,248 ft.; H_b=1,273 ft.; H_t=39 ft.; H_r=38 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: 0.84 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	2.98	1.18	12.3	8.4	11.5	NW.	36	W.	1	2	5	24	19	12	21	13	0	7	4	2	1	13	0	0	28	0	0
February	.80	.29	8.5	6.7	12.6	NW.	37	NW.	1	4	12	12	9	5	20	7	0	4	1	1	0	16	0	0	26	0	0
March	1.97	.56	15.3	6.5	11.9	NW.	34	NW.	2	7	8	16	12	10	18	10	0	5	2	2	1	6	0	0	27	0	0
April	1.36	.94	.0	4.5	9.8	N.	42	NW.	2	11	14	5	5	4	0	0	0	6	2	2	1	0	0	0	2	0	0
May	3.52	.96	.0	4.8	10.4	NW.	38	NW.	2	12	12	7	10	10	0	0	0	6	1	2	2	0	0	0	0	0	7
June	4.42	1.99	.0	5.5	8.7	SW.	35	NW.	1	7	12	11	13	11	0	0	0	12	4	4	3	0	3	0	0	0	8
July	4.22	1.25	.0	5.9	8.7	S.	34	NW.	1	4	18	9	12	10	0	0	0	7	4	2	1	0	10	3	0	0	9
August	6.55	2.03	.0	4.9	8.4	N.	36	N.	1	9	16	6	7	7	0	0	0	6	2	1	1	0	2	0	0	0	5
September	1.00	.33	.0	4.0	9.3	S.	33	SW.	1	16	9	5	7	4	0	0	0	4	1	1	2	0	1	0	0	0	5
October	3.55	.97	.0	6.7	10.2	S.	37	NW.	2	4	11	16	15	13	0	0	0	15	9	7	7	0	0	0	1	0	2
November	2.27	1.62	T	5.8	11.7	SW.	36	SW.	1	10	7	13	7	5	8	0	0	3	0	0	0	0	0	0	10	0	1
December	1.73	.77	T	8.1	11.5	W.	34	W.	1	1	8	22	12	4	16	4	0	9	4	3	3	3	0	0	19	0	0
Year	34.37	2.03	38.1	6.0	10.4	NW.	42	NW.	16	87	132	146	128	95	83	34	0	84	34	27	22	38	16	3	113	0	37

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

POCATELLO, IDAHO
Airport [ϕ=42°55′ N.; λ=112°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 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	25.55	30.22	25.95	25.14	24.8	21.4	27.9	30.8	23.9	20.8	26.2	28.4	34.7	18.2	26.4	42	1	23	20	24	25	23	92	95	83	78	87
February	25.46	30.08	25.82	24.83	29.3	26.3	33.9	37.3	28.4	25.6	31.2	34.1	41.0	23.4	32.2	52	11	27	25	28	30	27	92	93	77	76	84
March	25.44	30.00	25.84	25.00	36.7	31.5	44.1	47.7	33.0	29.3	36.4	38.4	50.5	28.0	39.2	64	15	28	26	27	27	27	72	81	52	46	63
April	25.36	29.89	25.64	24.92	40.3	35.0	49.6	52.3	36.7	33.0	41.2	42.4	55.9	32.1	44.0	71	20	33	31	33	32	32	74	84	55	50	66
May	25.42	29.90	25.75	25.06	53.2	46.4	60.7	65.5	45.0	42.3	49.2	50.3	68.8	42.8	55.8	87	31	37	38	40	37	38	58	76	49	39	56
June	25.43	29.88	25.70	25.13	56.6	50.0	68.7	71.5	48.6	45.7	53.6	54.1	75.9	46.9	61.4	95	38	42	42	42	41	42	62	76	42	38	54
July	25.51	29.93	25.66	25.24	68.2	58.9	80.1	83.4	54.8	52.0	60.1	59.9	88.1	55.6	71.8	98	49	45	47	47	44	46	46	68	34	29	44
August	25.50	29.93	25.70	25.27	65.3	57.7	74.4	78.6	54.7	52.2	58.7	58.4	82.6	55.1	68.8	95	44	46	48	49	44	47	56	73	43	33	51
September	25.42	29.90	25.72	25.15	53.2	46.4	60.8	64.7	43.8	40.2	47.7	48.3	67.9	42.0	55.0	83	29	34	34	36	33	34	53	65	42	34	49
October	25.50	30.03	25.84	25.08	44.3	37.4	52.5	54.7	38.6	34.5	43.0	43.7	60.0	33.3	46.6	73	19	32	31	33	32	32	64	79	51	46	60
November	25.58	30.20	25.92	25.01	31.6	28.0	37.4	39.4	29.1	26.5	33.1	34.4	45.6	22.6	34.1	68	−1	26	25	28	29	27	83	89	72	69	78
December	25.42	30.04	25.86	25.00	29.2	28.0	31.4	31.4	27.2	26.1	28.5	28.9	37.9	21.7	29.8	56	−10	25	24	25	26	25	85	86	78	80	82
Year	25.46	30.00	25.95	24.83	44.4	38.9	51.8	54.8	38.6	35.7	42.4	43.4	59.1	35.1	47.1	98	−10	33	33	34	33	33	70	80	56	52	64

PORT ARTHUR, TEX.
[ϕ=29°52′ N.; λ=93°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
January	30.11	30.15	30.56	29.53	----	51.8	59.1	----	----	49.6	53.1	----	62.5	49.3	55.9	77	30	----	47	48	----	----	----	85	67	----	----
February	30.03	30.06	30.31	29.64	----	48.9	55.8	----	----	46.5	48.9	----	59.6	46.0	52.8	75	33	----	44	42	----	----	----	84	62	----	----
March	30.01	30.04	30.39	29.61	----	52.2	59.6	----	----	49.7	53.3	----	63.4	49.4	56.4	83	34	----	47	48	----	----	----	84	67	----	----
April	29.91	29.95	30.23	29.55	----	64.9	73.3	----	----	62.3	65.3	----	76.1	63.1	69.6	83	53	----	61	60	----	----	----	86	66	----	----
May	29.94	29.98	30.14	29.43	----	72.2	80.5	----	----	69.1	71.0	----	82.6	69.7	76.2	91	64	----	68	66	----	----	----	86	64	----	----
June	29.92	29.96	30.08	29.75	----	78.0	84.5	----	----	74.7	75.5	----	87.2	74.8	81.0	93	68	----	73	72	----	----	----	86	66	----	----
July	29.94	29.98	30.11	29.80	79.8	79.3	85.5	84.3	76.3	76.4	76.3	77.0	89.4	76.6	83.0	94	72	75	75	73	74	74	86	88	66	72	78
August	29.95	29.99	30.10	29.83	80.7	79.4	88.9	85.4	76.9	76.3	77.4	77.1	91.5	77.3	84.4	95	72	75	75	73	74	74	84	87	60	69	75
September	29.89	29.93	30.16	29.37	78.2	76.3	83.9	81.2	74.8	73.7	75.6	75.2	86.5	75.1	80.8	92	67	73	73	72	73	73	85	89	69	76	80
October	29.98	30.01	30.19	29.72	74.8	73.2	80.5	77.3	71.4	70.7	72.2	72.0	83.5	70.6	77.0	89	50	70	70	68	70	69	85	89	68	78	80
November	30.08	30.12	30.50	29.73	55.9	52.5	63.5	61.0	52.5	49.9	54.8	54.8	67.1	50.2	58.6	76	38	49	47	47	49	48	79	83	57	67	72
December	30.04	30.08	30.43	29.54	54.6	52.6	59.8	58.3	51.2	49.6	53.2	53.1	63.0	49.9	56.4	76	37	48	46	47	48	47	79	81	65	71	74
Year	29.98	30.02	30.56	29.37	----	65.1	72.9	----	----	62.4	64.7	----	76.0	62.7	69.3	95	30	----	60	60	----	----	----	86	65	----	----

PORTLAND, MAINE
Airport [ϕ=43°39′ N.; λ=70°18′ W.] City [ϕ=43°39′ N.; λ=70°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
January	(1 2) 29.95	(2) 30.07	(1 2) 30.53	(1 2) 29.25	(2) 14.4	(2) 11.9	(2) 26.7	(2) 19.6	(2) 13.3	(2) 11.1	(2) 23.5	(2) 17.6	28.6	5.6	17.1	43	−14	(2) 9	(2) 8	(2) 15	(2) 12	(2) 11	(2) 78	(2) 83	(2) 60	(2) 70	(2) 72
February	29.67	29.79	30.26	28.79	20.9	19.2	32.2	26.4	19.2	17.7	27.6	23.5	34.2	14.5	24.4	42	−2	14	13	18	17	15	74	75	55	64	67
March	29.71	29.82	30.29	29.15	24.2	24.8	34.8	29.1	22.4	22.2	29.6	26.0	37.2	17.4	27.3	50	0	17	17	20	19	18	72	71	55	66	66
April	29.93	30.04	30.35	29.46	40.7	45.0	55.0	47.1	36.8	39.9	45.3	41.1	58.8	34.1	46.4	77	23	31	33	34	34	33	71	65	47	62	61
May	29.76	29.86	30.11	29.20	47.1	53.3	63.1	55.3	46.1	47.9	52.1	49.1	66.8	43.3	55.0	85	34	42	42	41	43	42	84	68	49	66	67
June	29.80	29.91	30.10	29.42	56.2	62.6	73.0	67.9	53.1	56.9	60.8	57.6	76.5	51.2	63.8	97	39	50	52	52	53	52	83	71	52	68	68
July	29.81	29.93	30.14	29.52	60.4	66.8	77.4	66.6	58.8	62.4	65.5	61.8	79.7	56.4	68.0	98	49	58	60	58	58	59	91	79	55	72	76
August	29.78	29.89	30.21	29.30	56.3	62.7	73.3	64.0	54.4	58.4	61.2	58.6	76.9	51.5	64.2	89	38	53	55	52	54	54	89	78	53	74	73
September	29.93	30.04	30.31	29.44	52.4	54.9	70.0	59.4	49.4	50.6	57.4	53.4	73.0	44.6	58.8	90	23	47	46	47	48	47	83	75	45	69	68
October	29.89	30.01	30.54	29.20	44.2	45.6	56.7	48.7	41.7	43.0	48.0	44.0	58.9	37.5	48.2	82	22	38	40	38	39	39	81	80	55	71	72
November	29.86	29.98	30.44	29.28	36.6	34.0	48.3	39.4	34.4	32.0	40.9	36.3	50.4	29.4	39.9	71	11	31	28	30	31	30	79	80	52	71	70
December	29.88	29.99	30.53	29.17	26.9	24.9	35.8	29.5	24.9	23.3	31.5	26.8	38.5	20.3	29.4	55	2	20	20	23	20	21	73	77	60	68	69
Year	29.83	29.94	30.54	28.79	40.0	42.1	53.9	46.1	37.9	38.8	45.3	41.4	56.6	34.6	45.2	98	−14	34	34	36	36	35	80	75	53	69	69

PORTLAND, OREG.
Airport [ϕ=45°36′ N.; λ=122°36′ W.] City [ϕ=45°32′ N.; λ=122°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
January	(1 2) 29.81	(2) 29.98	(1 2) 30.30	(1 2) 29.20	(2) 38.9	(2) 38.1	(2) 41.0	(2) 44.5	(2) 37.6	(2) 37.1	(2) 39.1	(2) 41.5	49.1	39.2	44.2	58	27	(2) 36	(2) 36	(2) 37	(2) 38	(2) 37	(2) 90	(2) 92	(2) 86	(2) 78	(2) 86
February	29.74	29.91	30.11	29.13	44.2	40.6	45.8	52.6	41.3	38.9	42.5	46.4	55.6	42.1	48.8	61	36	38	37	39	39	38	80	88	78	84	77
March	29.83	30.00	30.34	29.06	49.9	43.6	53.7	61.9	45.7	42.0	47.5	51.0	64.2	45.6	54.9	76	36	41	40	41	40	40	74	88	64	47	68
April	29.80	29.97	30.14	29.26	51.6	45.7	56.1	53.5	47.8	44.4	49.8	52.7	66.0	46.9	56.4	82	41	44	43	44	43	44	77	91	65	50	70
May	29.83	30.00	30.38	29.44	54.5	49.9	59.3	64.2	51.1	48.3	52.9	55.4	68.0	50.1	59.0	89	43	48	47	48	48	48	80	90	67	60	74
June	29.86	30.02	30.10	29.59	59.5	54.2	63.5	69.6	55.3	52.3	56.5	59.3	71.7	54.8	63.2	98	50	52	51	51	52	52	77	89	65	55	72
July	29.84	30.01	30.09	29.58	58.3	59.8	71.1	63.4	61.5	57.1	62.2	67.0	84.5	61.2	72.8	103	53	57	55	57	56	57	69	85	62	43	65
August	29.85	30.01	30.04	29.62	64.7	59.5	66.4	76.4	60.1	57.2	60.2	64.1	77.7	59.6	68.6	96	54	57	56	56	57	56	78	87	70	53	72
September	29.84	30.01	30.18	29.54	57.9	53.8	60.8	66.4	55.0	52.7	56.2	58.7	68.9	53.8	61.4	78	47	53	52	53	53	53	84	93	76	65	79
October	29.91	30.07	30.25	29.66	52.1	48.8	55.0	59.8	50.3	48.0	51.9	54.4	63.3	49.4	56.4	72	44	49	47	49	50	49	89	95	82	72	84
November	29.90	30.07	30.36	29.40	45.8	44.7	47.4	51.8	44.2	43.7	45.6	48.1	55.2	43.5	49.4	68	30	43	43	44	45	43	90	93	88	78	87
December	29.75	29.92	30.34	29.01	42.3	41.5	42.8	44.2	40.7	40.0	40.7	41.8	47.9	39.7	43.8	62	23	39	38	38	39	38	88	88	84	82	85
Year	29.83	30.00	30.38	29.01	52.5	48.4	55.2	61.5	49.2	46.8	50.4	53.4	64.3	48.8	56.6	103	23	46	45	46	47	46	81	90	74	62	77

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Pocatello, 4,478 feet; Portland, Maine, 103 feet; Portland, Oregon, 154 feet
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

POCATELLO, IDAHO

Airport [H=4,461 ft.; H_b=4,478 ft.; H_t=5 ft.; H_r=4 ft.; H_a=31 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: 0.84 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	0.62	0.22	5.5	6.8	6.8	SW.	34	S.	1	9	3	19	12	5	12	10	0	10	3	0	1	7	0	0	31	0	0
February	1.32	.47	3.2	7.5	6.1	E.	25	NW.	0	3	7	18	13	6	12	6	0	7	3	1	1	2	0	0	26	0	0
March	.93	.37	1.0	6.0	8.3	SW.	34	S.	1	8	11	12	5	4	4	2	0	2	1	1	0	0	0	0	25	0	0
April	2.26	.65	2.4	6.1	8.3	SW.	29	S.	0	9	9	12	13	11	5	2	0	1	0	0	0	0	0	0	13	0	2
May	1.78	.74	T	6.0	10.6	SW.	35	S.	2	8	10	13	12	9	1	1	1	1	0	0	0	0	0	0	3	0	5
June	.93	.42	.0	6.1	9.0	SW.	33	W.	1	9	5	16	7	4	0	0	0	0	0	0	0	0	2	1	0	0	5
July	1.01	.45	.0	4.5	8.5	SW.	34	NW.	2	12	13	6	4	3	0	0	2	0	0	0	0	0	14	1	0	0	8
August	1.43	.59	.0	5.9	8.2	SW.	28	SW.	0	4	17	10	11	5	0	0	0	0	0	0	0	0	6	1	0	0	12
September	.76	.32	.0	5.8	10.6	SW.	40	W.	1	9	10	11	5	4	0	0	0	1	0	1	1	0	0	0	2	0	3
October	.47	.17	.2	6.0	8.4	SW.	34	NE.	1	8	9	14	7	4	2	2	0	3	0	0	0	0	0	0	10	0	2
November	2.05	.82	7.5	6.2	6.9	SW.	29	SW.	0	10	7	13	9	7	5	4	0	9	2	2	3	7	0	0	21	2	0
December	2.03	.88	12.3	8.1	9.6	S.	41	W.	4	2	7	22	16	13	20	12	0	10	5	3	6	10	0	0	24	3	1
Year	15.59	.88	32.1	6.2	8.5	SW.	41	W.	13	91	108	166	114	75	61	39	3	44	14	8	12	26	22	3	155	5	38

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: 0.84 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	1.16	0.0	6.3	12.3	NE.	29	NE.	0	6	12	13	12	9	0	0	1	6	4	2	1	0	0	0	1	0	5
February	2.06	.74	T	6.7	13.0	N.	33	NE.	1	6	7	15	7	6	1	0	0	1	0	0	0	0	0	0	0	0	1
March	4.55	1.67	.0	7.2	15.0	NE.	40	SW.	6	4	8	19	12	8	0	0	0	4	3	3	3	0	0	0	0	0	1
April	3.56	1.18	.0	6.4	17.0	SE.	52	SE.	8	8	6	16	12	9	0	0	1	5	3	1	0	0	0	0	0	0	8
May	6.07	1.42	.0	5.5	13.1	SE.	49	SW.	3	8	12	11	8	8	0	0	0	1	0	0	0	0	2	0	0	0	6
June	6.94	2.67	.0	6.5	12.1	S.	33	S.	1	2	16	12	11	9	0	0	0	0	0	0	0	0	4	0	0	0	12
July	11.37	4.44	.0	6.5	9.0	S.	32	SW.	1	3	18	10	14	13	0	0	0	0	0	0	0	0	17	0	0	0	24
August	2.61	1.26	.0	5.9	9.8	S.	29	W.	0	2	23	6	9	6	0	0	0	0	0	0	0	0	24	0	0	0	12
September	15.37	6.22	.0	5.6	14.7	NE.	57	SE.	5	8	13	9	12	11	0	0	0	0	0	0	0	0	7	0	0	0	6
October	9.44	4.03	.0	6.1	12.9	S.	34	SE.	1	5	16	10	9	8	0	0	0	1	0	0	0	0	0	0	0	0	4
November	2.65	1.20	.0	4.1	11.4	NE.	34	N.	1	14	10	6	10	6	0	0	0	6	0	0	0	0	0	0	0	0	3
December	5.66	4.81	.0	7.1	11.4	N.	43	SE.	3	5	7	19	5	4	0	0	0	12	11	9	5	0	0	0	0	0	3
Year	74.36	6.22	T	6.2	12.6	S.	57	SE.	30	71	148	146	121	97	1	0	2	36	21	15	9	0	54	0	1	0	85

PORTLAND, MAINE

Airport [H=61 ft.; H_b=63 ft.; H_t=5 ft.; H_r=26 ft.; H_a=61 ft.] City [H=47 ft.; H_b=103 ft.; H_t=82 ft.; H_r=75 ft.; H_a=117 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: 0.84 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	2.79	1.52	24.7	4.3	6.7	N.	21	N.	0	16	7	8	12	7	12	10	0	12	2	2	2	20	0	0	31	13	0
February	3.07	2.64	.3	3.5	8.2	W.	40	NE.	2	20	1	7	5	3	6	2	0	6	3	1	0	8	0	0	28	1	0
March	2.24	.88	19.8	4.5	9.0	W.	30	W.	0	16	4	11	11	7	11	8	0	12	0	0	1	8	0	0	29	0	0
April	.71	.34	.0	3.5	8.9	S.	34	N.	1	20	4	6	6	3	0	0	0	10	4	3	3	0	0	0	15	0	1
May	1.46	.59	.0	5.3	7.5	W.	27	W.	0	13	7	11	15	9	0	0	0	9	3	0	3	0	0	0	0	0	2
June	.70	.38	.0	4.8	7.0	W.	28	W.	0	14	7	9	9	4	0	0	0	16	1	3	0	0	8	2	0	0	3
July	2.35	1.35	.0	5.2	6.9	S.	40	W.	1	11	11	9	9	8	0	0	0	20	3	5	5	0	2	1	0	0	5
August	2.61	.78	.0	4.0	7.8	S.	27	NW.	0	20	5	6	12	11	0	0	0	16	2	3	3	0	0	0	0	0	5
September	1.42	.65	.0	3.4	8.0	NW.	27	SW.	0	19	7	4	7	4	0	0	0	12	3	2	6	0	1	0	3	0	2
October	2.13	.90	T	5.6	8.8	W.	34	NW.	1	10	8	13	12	8	1	0	0	21	2	1	3	0	0	0	8	0	0
November	2.89	1.76	T	4.6	8.3	W.	36	W.	1	16	8	6	8	6	1	0	0	12	2	2	1	0	0	0	16	0	0
December	2.90	1.84	1.5	4.8	8.5	NW.	35	SE.	2	13	10	8	9	5	7	4	0	8	5	5	4	6	0	0	29	0	0
Year	25.27	2.64	46.3	4.5	8.0	W.	40	NE.	8	188	79	98	115	75	38	24	0	154	30	27	31	42	11	3	159	14	18

PORTLAND, OREG.

Airport [H=20 ft.; H_b=37 ft.; H_t=5 ft.; H_r=4 ft.; H_a=62 ft.] City [H=30 ft.; H_b=74 ft.; H_t=68 ft.; H_r=63 ft.; H_a=106 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: 0.84 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	5.24	1.11	T	8.3	5.7	E.	20	E.	0	2	4	25	18	13	2	0	0	6	4	2	2	0	0	0	2	0	0
February	1.45	.27	.0	6.4	5.4	E.	17	E.	0	9	2	17	11	10	0	0	0	5	1	0	0	0	0	0	0	0	1
March	2.01	.70	.0	5.6	5.7	NW.	21	NE.	0	12	6	13	9	8	0	0	0	3	0	0	0	0	0	0	0	0	0
April	1.56	.33	.0	6.3	5.6	NW.	20	SW.	0	6	8	16	11	10	0	0	1	4	0	0	0	0	0	0	0	0	2
May	4.97	1.02	.0	7.2	6.0	NW.	26	SW.	0	5	8	18	19	14	0	0	1	1	1	1	0	0	0	0	0	0	5
June	1.05	.42	.0	7.4	5.3	NW.	19	S.	0	4	6	20	12	7	0	0	0	1	0	0	0	0	1	1	0	0	1
July	T	T	.0	3.9	6.2	NW.	18	NW.	0	13	15	3	0	0	0	0	0	1	0	0	0	0	7	6	0	0	1
August	1.63	.41	.0	6.7	5.3	NW.	16	SW.	0	4	11	16	8	8	0	0	0	0	0	0	0	0	3	1	0	0	1
September	3.58	1.07	.0	7.1	5.3	NW.	18	W.	0	4	10	16	12	10	0	0	0	2	1	0	0	0	0	0	0	0	2
October	2.45	.58	.0	7.2	5.2	SE.	18	S.	0	4	9	18	14	12	0	0	0	9	7	5	2	0	0	0	0	0	0
November	4.62	1.41	.0	8.4	5.0	SE.	22	W.	0	1	6	23	14	10	0	0	0	6	3	4	4	0	0	0	4	0	1
December	10.38	1.77	T	8.1	7.2	SE.	26	E.	0	3	5	23	19	18	4	0	0	2	1	0	0	0	0	0	1	0	0
Year	38.94	1.77	T	6.9	5.7	NW.	26	SW.	0	67	90	208	147	120	6	0	2	40	18	12	8	0	11	8	7	0	14

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

PROVIDENCE, R. I.

Airport [ϕ=41°44′ N.; λ=71°25′ W.] City [ϕ=41°50′ N.; λ=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.	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 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.91	30.09	30.38	29.29	23.9	22.3	30.9	27.0	21.9	20.5	26.7	24.1	33.5	19.5	26.5	49	2	16	15	17	17	16	70	72	56	63	65
February	29.66	29.84	30.21	28.71	25.4	23.4	34.2	30.1	23.2	21.2	29.4	27.1	37.9	22.5	30.2	49	9	17	15	20	20	18	70	69	55	66	65
March	29.70	29.88	30.27	29.15	29.3	29.2	37.9	33.4	26.7	26.3	31.7	29.4	42.3	25.8	34.0	57	11	21	20	20	21	21	70	67	50	61	62
April	29.89	30.07	30.29	29.51	44.9	46.5	59.4	49.7	41.0	42.1	48.6	43.8	63.4	41.8	52.6	85	32	36	37	37	37	37	74	71	46	64	64
May	29.72	29.90	30.06	29.25	52.2	57.3	67.2	59.6	48.1	51.4	55.0	52.1	71.4	49.9	60.6	94	36	44	46	44	45	45	75	68	47	62	63
June	29.78	29.95	30.07	29.47	60.4	63.8	73.1	66.3	57.3	58.8	62.5	60.3	78.7	58.8	68.8	96	49	55	55	56	56	55	84	75	58	72	72
July	29.79	29.96	30.06	29.48	65.4	68.0	77.2	70.2	63.4	64.2	67.3	65.4	81.3	64.2	72.8	98	55	62	62	62	63	62	90	82	61	78	78
August	29.76	29.93	30.19	29.33	63.2	66.0	76.9	69.2	59.9	61.2	63.9	63.0	81.7	60.7	71.2	95	50	58	58	55	59	58	82	76	50	71	70
September	29.92	30.09	30.26	29.44	58.2	59.4	73.2	63.7	55.0	55.3	61.1	57.8	77.7	54.5	66.1	92	37	53	52	52	53	53	83	78	49	71	70
October	29.89	30.06	30.48	29.34	52.0	51.3	62.7	55.4	48.4	48.1	53.2	50.2	66.2	46.7	56.4	85	31	45	45	44	45	45	77	70	53	69	70
November	29.85	30.03	30.39	29.23	42.8	41.4	53.7	46.4	40.0	39.1	46.2	42.2	56.5	36.5	46.5	72	21	36	36	37	37	37	78	81	56	70	71
December	29.86	30.04	30.47	29.06	32.6	30.9	41.3	35.7	30.3	29.0	36.4	32.8	43.0	25.9	34.4	61	9	26	25	29	28	27	75	77	61	71	71
Year	29.81	29.99	30.48	28.71	45.9	46.6	57.3	50.6	42.9	43.1	48.5	45.7	61.1	42.2	51.7	98	2	39	39	39	40	40	77	75	54	68	68

PUEBLO, COLO.

Airport [ϕ=38°16′ N.; λ=104°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
	(1)		(1)	(1)																							
January	25.31	30.12	25.78	24.86	26.2	22.4	40.1	37.8	24.4	21.0	32.8	32.1	46.2	19.5	32.8	63	9	21	18	23	24	22	81	84	53	59	69
February	25.25	30.02	25.58	24.50	29.8	27.4	44.2	45.1	27.1	24.9	35.5	35.9	50.9	23.1	37.0	68	13	23	21	24	24	23	74	77	49	47	62
March	25.25	30.00	25.67	24.79	35.1	31.1	44.3	46.3	31.1	28.2	36.1	37.3	51.6	27.7	39.6	73	12	26	24	26	26	26	71	77	55	52	64
April	25.16	29.83	25.52	24.76	43.4	39.2	56.2	56.3	39.4	36.2	45.0	45.2	62.2	36.6	49.4	77	28	35	33	34	34	34	74	79	46	46	61
May	25.26	29.86	25.73	24.85	55.1	50.3	70.3	70.2	49.0	46.2	54.5	53.9	75.3	48.3	61.8	94	42	44	42	42	41	42	69	78	42	41	57
June	25.26	29.86	25.60	24.96	60.8	54.9	76.6	74.9	53.1	50.6	57.7	57.1	81.4	52.7	67.0	97	45	47	47	44	44	46	65	77	36	40	54
July	25.36	29.94	25.55	25.15	65.6	59.8	82.5	81.0	58.8	55.7	62.8	62.4	88.2	58.2	73.2	95	52	55	53	52	52	53	69	80	36	38	56
August	25.35	29.92	25.54	25.08	66.0	59.3	82.7	81.7	58.7	55.3	62.7	62.4	88.0	58.1	73.0	95	50	54	53	52	51	52	68	80	35	38	55
September	25.24	29.85	25.65	24.86	57.6	50.2	72.7	73.8	49.6	45.4	54.4	55.5	78.8	47.5	63.2	93	33	43	41	41	42	42	62	74	37	37	52
October	25.30	29.98	25.74	24.84	46.7	42.2	59.8	58.2	42.9	39.8	48.6	48.0	65.0	38.7	51.8	84	24	39	38	39	39	39	77	84	51	53	66
November	25.32	30.08	25.59	24.84	32.5	29.7	54.6	47.2	28.9	26.5	40.6	37.1	59.9	24.3	42.1	78	3	24	22	24	25	24	72	74	35	43	56
December	25.22	30.02	25.61	24.68	25.7	23.8	42.7	35.6	22.2	20.4	32.9	29.0	48.8	16.3	32.6	70	−5	16	14	20	19	17	69	71	45	53	60
Year	25.27	29.96	25.78	24.50	45.4	40.9	60.6	59.0	40.4	37.5	47.0	46.3	66.4	37.6	52.0	97	−5	36	34	35	35	35	71	78	43	46	59

RALEIGH, N. C.

Airport [ϕ=35°45′ N.; λ=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	29.74	30.16	30.16	29.34	37.4	33.7	47.5	43.2	34.7	31.6	40.8	38.8	50.3	30.9	40.6	71	17	30	28	32	33	31	75	78	57	67	69
February	29.57	29.99	29.91	29.00	34.4	30.4	45.1	40.7	30.3	27.8	37.3	34.4	48.9	28.5	38.7	60	21	23	23	25	24	23	60	72	47	51	58
March	29.61	30.02	29.94	29.09	39.4	36.3	53.0	48.3	34.6	33.0	42.5	40.2	56.3	33.4	44.8	74	23	26	27	28	28	28	61	70	41	49	55
April	29.67	30.08	29.98	29.13	56.7	55.0	73.0	66.0	51.3	50.5	57.9	55.5	75.8	51.5	63.6	93	40	47	46	46	47	46	71	75	43	54	61
May	29.62	30.02	30.01	29.24	62.7	63.1	81.4	73.7	56.8	56.8	62.8	61.1	84.1	56.3	70.2	99	38	52	52	50	52	52	70	67	35	50	56
June	29.60	30.00	29.87	29.16	69.5	70.5	83.2	77.3	66.8	67.2	70.7	70.2	86.2	65.0	75.6	96	54	65	66	64	67	66	87	85	56	72	75
July	29.60	30.00	29.79	29.38	74.0	75.0	87.5	79.3	72.0	72.6	76.2	73.9	89.6	70.9	80.2	99	64	71	72	72	72	72	91	90	60	79	80
August	29.61	30.01	29.93	29.31	72.1	72.1	86.9	78.8	69.2	69.1	73.0	71.6	89.6	67.8	78.7	99	53	68	67	66	68	67	87	86	52	71	74
September	29.71	30.11	29.97	29.46	67.8	66.8	85.2	76.3	64.6	64.0	70.3	67.9	87.5	62.7	75.1	99	50	63	62	62	63	63	84	86	48	66	71
October	29.75	30.15	30.09	29.43	62.0	59.1	78.3	69.6	57.5	56.1	64.1	60.8	80.4	55.9	68.2	96	41	53	53	55	54	54	76	82	45	59	66
November	29.71	30.12	30.10	29.11	47.1	43.1	63.6	55.2	43.1	40.2	51.4	48.2	66.3	40.5	53.4	76	27	38	36	38	41	38	72	77	42	59	63
December	29.71	30.12	30.11	29.14	42.8	39.4	53.5	47.3	39.5	37.0	45.2	42.2	56.0	36.4	46.2	71	23	35	34	35	35	35	74	80	52	64	67
Year	29.66	30.06	30.16	29.00	55.5	53.7	69.8	63.0	51.7	50.5	57.7	55.4	72.6	50.0	61.3	99	17	48	47	48	49	48	76	79	48	62	66

RAPID CITY, S. DAK.

Airport [ϕ=44°11′ N.; λ=103°05′ W.] City [ϕ=44°04′ N.; λ=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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	26.68	30.19	27.05	26.24	20.5	19.7	31.8	26.4	18.5	17.7	26.4	22.9	38.6	15.9	27.2	65	−4	14	14	18	17	16	78	78	61	70	72
February	26.64	30.13	26.90	25.97	22.4	19.9	32.6	31.3	20.0	17.8	26.5	26.2	38.7	16.9	27.8	61	4	15	13	16	18	16	72	77	55	58	66
March	26.66	30.13	27.08	26.24	27.3	25.2	36.3	36.7	25.5	23.7	30.7	30.9	41.5	22.3	31.9	66	5	23	21	23	23	22	83	85	62	62	73
April	26.54	29.93	26.94	26.07	41.2	38.0	49.6	50.5	38.6	36.1	42.8	43.4	53.7	36.3	45.0	70	23	36	34	36	36	35	82	85	62	62	73
May	26.55	29.87	27.08	26.15	53.9	50.1	68.9	69.2	48.3	46.0	54.3	54.9	73.3	48.8	61.0	91	38	43	42	42	43	43	68	75	41	43	57
June	26.58	29.89	26.93	26.32	58.8	55.3	70.2	69.8	54.6	52.7	59.3	59.3	75.0	55.1	65.0	95	42	52	51	53	53	52	79	85	56	60	70
July	26.65	29.93	26.87	26.40	66.2	63.3	82.2	82.3	58.5	57.1	64.1	64.4	84.9	62.5	73.7	102	51	54	53	54	54	54	66	71	40	43	55
August	26.65	29.94	26.90	26.35	65.6	61.6	79.5	81.0	57.6	56.0	62.5	62.2	83.5	60.1	71.8	103	50	52	52	52	50	52	65	73	43	39	56
September	26.54	29.87	26.97	26.27	53.8	48.8	65.7	66.0	48.4	45.3	52.1	52.0	71.0	46.7	58.8	91	27	44	42	41	41	42	72	79	46	45	60
October	26.65	30.04	27.10	26.14	43.6	39.2	53.9	50.6	39.6	36.8	44.5	43.4	59.1	36.9	48.0	82	22	35	33	34	36	34	74	79	54	61	67
November	26.62	30.05	26.92	26.18	33.6	33.1	46.8	39.0	30.0	29.0	37.4	33.4	51.8	28.4	40.1	66	4	24	22	25	26	24	69	66	46	60	60
December	26.56	30.03	26.92	26.02	27.6	25.4	34.4	30.6	23.6	22.0	28.1	25.8	42.1	20.5	31.3	74	−8	17	16	18	17	17	67	70	57	59	63
Year	26.61	30.00	27.10	25.97	42.9	40.0	54.3	52.8	38.6	36.6	44.1	43.2	59.4	37.5	48.5	103	−8	34	33	34	34	34	73	77	52	55	64

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Providence, 159 feet; Pueblo, 4,690 feet; Raleigh, 376 feet; Rapid City, 3,259 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

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=68 ft.; H_t=65 ft.; H_r=58 ft.; H_a=— 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 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: 0.84 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	3.57	1.55	14.9	6.0	13.9	NW.	37	NW.	5	8	11	12	10	7	11	8	0	11	2	0	2	12	0	0	29	0	0
February	2.34	1.81	1.2	4.6	14.9	NW.	47	SE.	7	14	5	9	6	4	8	4	0	4	0	0	0	5	0	0	26	0	0
March	3.54	1.71	19.5	4.7	15.1	NW.	50	NW.	4	15	5	11	10	8	8	4	0	6	0	0	0	2	0	0	25	0	0
April	1.53	.71	.0	4.8	12.4	NW.	37	N.	3	14	6	10	9	5	0	0	0	4	0	0	2	0	0	0	1	0	0
May	3.10	1.30	.0	5.4	11.2	NW.	34	NW.	5	10	11	10	12	10	0	0	0	6	2	0	2	0	2	0	0	0	4
June	4.01	2.51	.0	5.1	9.4	SW.	42	NW.	3	12	8	10	13	10	0	0	0	11	0	0	0	0	7	4	0	0	5
July	5.68	2.42	.0	6.3	6.0	S.	19	SW.	0	7	13	11	16	9	0	0	0	15	3	0	2	0	4	1	0	0	5
August	2.45	.94	.0	4.3	6.1	S.	25	SW.	0	15	10	6	12	9	0	0	0	4	0	0	0	0	4	0	0	0	5
September	1.03	1.00	.0	3.6	6.5	SW.	23	SW.	0	15	10	5	4	2	0	0	0	4	0	0	0	0	3	0	0	0	1
October	1.07	.48	.0	5.6	7.0	SW.	25	SW.	0	10	8	13	8	5	0	0	0	6	0	0	0	0	0	0	1	0	0
November	2.79	1.68	T	4.6	8.3	SW.	30	SW.	0	13	11	6	7	5	1	0	0	5	1	1	1	0	0	0	11	0	0
December	3.37	2.12	T	5.8	9.1	NW.	39	SE.	1	8	11	12	6	6	3	0	0	9	4	6	4	5	0	0	23	0	0
Year	34.48	2.51	35.6	5.1	10.0	NW.	50	NW.	28	141	109	115	113	80	31	16	0	85	12	7	13	24	20	5	116	0	20

PUEBLO, COLO.

Airport [H=4,799 ft.; H_b=4,805 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 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: 0.84 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	0.34	0.18	2.8	5.5	6.0	NW.	26	N.	0	11	8	12	5	3	7	5	0	6	4	4	3	3	0	0	31	0	0
February	.26	.25	3.3	5.3	7.6	E.	40	NW.	1	11	8	9	3	1	5	3	0	7	2	5	1	0	0	0	27	0	0
March	1.69	.69	12.5	6.6	9.1	W.	42	N.	4	5	9	17	9	7	10	6	0	6	3	0	3	4	0	0	22	0	0
April	.91	.31	1.9	6.5	9.8	E.	42	SW.	4	6	10	14	12	8	4	3	0	2	1	1	2	0	0	0	5	0	4
May	1.74	.79	.0	5.5	9.1	SE.	33	N.	1	8	14	9	10	6	0	0	0	5	1	1	0	0	1	0	0	0	5
June	2.83	1.29	.0	4.9	8.0	W.	37	W.	4	7	17	6	12	7	0	0	0	0	0	0	1	0	9	3	0	0	15
July	2.06	.70	.0	4.7	8.0	W.	32	SE.	1	6	22	3	15	6	0	0	0	0	0	0	0	0	13	0	0	0	18
August	3.28	2.48	.0	4.4	7.3	NW.	32	NE.	1	10	16	5	10	6	0	0	1	0	0	0	0	0	12	0	0	0	10
September	1.72	.99	.0	4.1	7.9	E.	37	N.	2	15	9	6	6	5	0	0	0	2	0	0	0	0	4	0	0	0	2
October	2.56	1.71	T	4.9	7.3	W.	43	W.	3	10	13	8	7	6	2	0	0	10	2	3	2	0	0	0	4	0	1
November	.23	.21	2.8	3.7	7.4	W.	34	W.	2	15	12	3	2	1	2	1	0	2	0	0	0	1	0	0	25	0	0
December	.47	.19	11.0	5.1	8.2	W.	49	W.	4	13	9	9	7	4	10	7	0	6	2	3	2	6	0	0	29	4	0
Year	18.09	2.48	34.3	5.1	8.0	W.	49	W.	27	117	147	101	98	60	40	25	1	46	15	17	14	14	39	3	143	4	55

RALEIGH, N. C.

Airport [H=363 ft.; H_b=376 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 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: 0.84 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	2.03	0.73	0.0	5.5	8.2	NE.	24	N.	0	13	4	14	8	6	0	0	0	10	5	2	3	0	0	0	20	0	1
February	1.14	.69	.8	5.2	9.6	NW.	42	NW.	1	10	6	12	6	4	3	1	0	6	2	2	2	0	0	0	21	0	0
March	4.04	1.68	1.0	6.1	10.9	SW.	34	NW.	2	8	9	14	9	7	1	1	0	12	2	2	2	0	0	0	15	0	1
April	4.10	1.30	.0	6.4	8.5	NE.	25	SW.	0	5	14	11	8	8	0	0	0	12	2	2	2	0	7	0	0	0	3
May	2.98	1.58	.0	3.7	9.3	SW.	56	W.	1	20	5	6	6	5	0	0	0	6	1	1	1	0	10	6	0	0	3
June	3.37	1.25	.0	7.1	7.3	SW.	34	NW.	1	5	10	15	13	10	0	0	0	17	4	5	3	0	9	1	0	0	10
July	10.86	3.43	.0	7.2	8.0	SW.	32	SW.	1	1	12	18	16	11	0	0	0	17	2	1	1	0	14	5	0	0	15
August	3.46	1.28	.0	5.0	7.3	SW.	30	NW.	0	13	7	11	6	5	0	0	0	23	4	3	2	0	20	5	0	0	9
September	1.53	.80	.0	4.4	7.9	NE.	32	SW.	1	14	9	7	3	3	0	0	0	9	2	2	2	0	15	5	0	0	5
October	1.93	1.80	.0	4.8	8.5	SW.	24	SW.	0	9	14	8	3	3	0	0	0	10	2	2	2	0	3	1	0	0	0
November	.51	.22	.0	3.9	7.5	SW.	29	SW.	0	15	7	8	4	4	0	0	0	9	3	2	1	0	0	0	5	0	0
December	4.39	2.01	T	4.7	8.4	SW.	29	NW.	0	14	7	10	8	5	1	0	0	12	4	3	3	0	0	0	12	0	0
Year	39.44	3.43	1.8	5.3	8.4	SW.	56	W.	7	127	104	134	90	71	5	2	0	143	33	27	24	0	78	23	73	0	47

RAPID CITY, S. DAK.

Airport [H=3,215 ft.; H_b=3,218 ft.; H_t=5 ft.; H_r=5 ft.; H_a=56 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 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: 0.84 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	0.12	0.06	1.2	4.5	6.4	W.	29	NW.	0	14	9	8	4	2	10	4	0	2	0	0	0	9	0	0	29	3	0
February	.08	.04	.8	5.1	7.3	N.	27	NW.	0	12	8	8	2	2	9	2	0	2	1	0	2	10	0	0	28	0	0
March	.45	.18	2.9	6.7	8.0	N.	34	N.	1	6	9	16	10	5	15	7	0	2	1	1	1	8	0	0	24	0	0
April	6.47	4.35	.5	7.3	8.7	N.	32	N.	1	2	10	18	17	13	6	4	2	0	0	0	0	0	0	0	9	0	5
May	1.34	.71	T	4.5	8.5	S.	34	NW.	1	11	17	3	9	7	1	0	2	0	0	0	0	0	1	0	0	0	6
June	5.10	1.54	.0	5.0	8.5	N.	27	NW.	0	13	10	7	12	10	0	0	0	0	0	0	0	0	5	0	0	0	7
July	1.11	.62	.0	4.4	6.8	W.	26	N.	0	10	18	3	9	6	0	0	0	0	0	0	0	0	8	1	0	0	14
August	2.17	.80	.0	4.5	6.6	N.	26	N.	0	11	16	4	8	5	0	0	0	0	0	0	0	0	8	3	0	0	8
September	1.09	.33	T	5.3	7.2	N.	26	NW.	0	11	11	8	12	9	1	0	0	0	0	0	0	0	3	0	2	0	2
October	2.06	.65	1.0	5.7	7.2	W.	29	NW.	0	12	4	15	10	9	1	1	0	1	0	0	0	0	0	0	5	0	0
November	.08	.05	.6	5.2	7.6	W.	27	NW.	0	10	12	8	4	1	5	2	0	1	1	0	0	1	0	0	17	0	0
December	.49	.22	5.8	6.2	7.6	W.	37	W.	1	9	9	13	7	5	10	7	0	0	0	0	0	8	0	0	26	2	0
Year	20.55	4.35	12.8	5.4	7.5	N.	37	W.	4	121	133	111	104	74	58	27	4	8	3	1	3	36	25	4	140	5	42

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

READING, PA.
[ϕ=40°20′ N.; λ=75°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.	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	29.79	30.17	30.24	29.26	------	27.4	33.7	31.4	------	24.8	29.4	28.0	35.9	23.9	29.9	50	13	----	19	21	21	20	----	69	59	64	64
February	29.58	29.95	29.97	28.85	------	24.8	34.3	31.9	------	22.0	29.1	27.7	36.7	23.0	29.8	50	14	----	15	18	19	17	----	63	51	57	57
March	29.62	29.98	30.09	29.05	------	30.7	40.5	37.9	------	27.0	33.2	31.8	43.5	27.7	35.6	56	14	----	19	20	21	20	----	60	44	49	51
April	29.73	30.08	30.08	29.25	------	50.4	67.5	63.2	------	44.4	52.0	50.8	70.1	46.6	58.4	91	35	----	38	36	38	37	----	63	34	42	46
May	29.61	29.95	29.98	29.19	------	60.4	75.0	69.0	------	52.4	57.4	56.8	77.5	53.1	65.3	95	38	----	45	42	46	44	----	58	32	47	46
June	29.62	29.97	29.88	29.22	------	66.7	78.8	74.3	------	61.1	65.1	64.7	81.0	61.5	71.2	94	53	----	57	57	59	58	----	74	50	61	62
July	29.62	29.96	29.86	29.31	------	71.7	83.1	78.0	------	66.4	69.8	68.8	85.3	66.6	76.0	99	59	----	64	63	64	64	----	76	53	65	65
August	29.63	29.97	30.02	29.30	------	66.8	82.2	76.9	------	61.3	65.7	65.1	84.2	61.8	73.0	95	49	----	58	55	58	57	----	73	42	54	56
September	29.77	30.11	30.07	29.37	------	61.0	79.0	72.2	------	56.5	62.9	61.5	81.4	57.2	69.3	93	43	----	53	52	54	53	----	75	40	54	56
October	29.76	30.11	30.21	29.35	------	54.4	67.6	61.8	------	50.5	55.9	54.0	70.0	50.4	60.2	94	32	----	47	46	47	46	----	76	48	60	61
November	29.71	30.07	30.15	29.04	------	40.9	55.3	49.9	------	37.1	45.4	43.0	57.3	38.4	47.8	73	26	----	32	33	34	33	----	70	45	55	57
December	29.74	30.10	30.24	28.96	------	35.1	42.4	39.3	------	31.9	36.1	34.9	44.8	30.8	37.8	62	16	----	26	26	27	26	----	69	52	61	60
Year	29.68	30.04	30.24	28.85	------	49.2	61.6	57.2	------	44.6	50.2	48.9	64.0	45.1	54.5	99	13	----	39	39	41	40	----	69	46	56	57

REDDING, CALIF.
[ϕ=40°35′ N.; λ=122°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	29.27	30.05	29.55	28.85	47.1	43.2	48.3	52.4	43.6	42.1	43.9	46.5	54.2	42.8	48.5	71	32	40	39	39	40	39	78	83	73	70	76
February	29.14	29.92	29.49	28.59	48.9	46.7	50.8	56.1	46.2	44.3	46.4	48.7	58.0	44.4	51.2	70	36	43	42	42	41	42	83	84	73	61	75
March	29.17	29.95	29.57	28.68	54.7	49.9	58.3	65.2	47.1	43.8	48.2	50.7	66.5	47.4	57.0	80	40	39	36	37	35	37	59	63	50	39	53
April	29.16	29.93	29.48	28.77	55.1	49.7	60.4	65.1	48.3	44.9	50.0	51.6	67.6	47.2	57.4	83	40	41	40	40	38	40	63	70	51	43	57
May	29.18	29.95	29.55	28.90	63.0	57.7	67.0	72.4	55.0	52.0	55.8	57.3	74.8	55.4	65.1	102	46	49	47	47	45	47	63	70	53	44	58
June	29.14	29.91	29.31	28.94	69.4	62.2	74.2	80.2	56.1	53.3	58.7	60.1	82.4	60.3	71.4	103	53	45	46	47	45	46	45	57	40	33	44
July	29.10	29.86	29.28	28.81	82.2	72.2	87.0	95.1	63.9	60.1	66.2	67.2	96.6	70.4	83.5	106	58	52	52	54	50	52	36	50	33	23	36
August	29.16	29.92	29.36	28.94	76.5	68.2	79.4	87.8	60.3	57.1	62.4	63.7	89.5	65.9	77.7	101	58	49	49	51	47	49	39	51	39	26	39
September	29.11	29.88	29.36	28.91	68.8	62.6	74.7	82.6	53.5	50.8	55.6	57.7	84.0	60.0	72.0	99	48	39	39	38	35	38	36	44	29	20	32
October	29.22	29.99	29.51	28.93	59.9	55.3	65.5	71.6	49.2	47.0	51.7	53.2	73.7	52.4	63.0	88	47	38	38	38	35	37	48	55	41	32	44
November	29.31	30.09	29.64	29.03	53.7	50.9	57.2	61.9	47.9	45.9	49.2	51.8	64.9	48.4	56.6	84	36	42	40	41	42	41	66	69	58	53	62
December	29.21	29.99	29.53	28.83	46.1	44.1	47.2	50.0	43.5	41.7	43.2	44.8	52.6	40.6	46.6	69	29	40	39	38	39	39	82	83	74	70	77
Year	29.18	29.95	29.64	28.59	60.4	55.2	64.2	70.0	51.2	48.6	52.6	54.4	72.1	52.9	62.5	106	29	43	42	43	41	42	58	65	51	43	54

RENO, NEV.
Airport [ϕ=39°30′ N.; λ=119°48′ W.] City [ϕ=39°32′ N.; λ=119°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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	25.47	30.07	25.79	25.16	32.7	28.6	38.1	45.6	30.6	27.5	34.2	38.5	47.0	29.0	38.0	58	20	28	26	30	30	28	81	89	71	57	75
February	25.37	29.92	25.70	24.80	36.9	33.0	43.3	50.5	33.8	31.2	37.7	40.9	51.4	32.3	41.8	58	22	30	29	31	30	30	76	87	63	47	68
March	25.41	29.98	25.79	24.99	36.4	28.3	50.4	56.8	31.9	26.5	39.9	41.8	57.5	31.1	44.3	68	24	26	24	28	24	25	64	83	42	31	55
April	25.37	29.92	25.60	24.99	41.2	32.9	52.3	56.5	35.8	30.3	40.8	41.8	58.2	34.5	46.4	73	26	30	27	28	24	27	63	78	40	31	53
May	25.44	29.95	25.76	25.22	51.2	41.7	64.3	66.9	44.1	38.9	49.2	49.9	69.5	43.8	56.6	87	32	37	36	36	35	36	60	81	36	32	52
June	25.44	29.92	25.63	25.24	56.6	46.0	68.5	72.6	47.6	42.7	51.9	52.6	75.5	48.0	61.8	87	37	40	40	38	36	38	55	79	35	28	49
July	25.49	29.94	25.64	25.26	67.6	52.3	80.8	85.5	54.6	48.6	58.8	60.1	88.5	57.0	72.8	98	45	45	46	44	43	45	46	80	28	25	45
August	25.50	29.96	25.67	25.32	62.9	49.7	75.4	79.8	52.6	47.1	56.8	57.3	82.4	53.5	68.0	90	42	45	45	44	41	44	54	84	33	27	50
September	25.43	29.93	25.67	25.23	50.7	40.7	65.0	73.0	42.9	37.3	49.0	50.9	73.0	43.1	58.0	89	34	35	34	35	30	34	56	77	33	21	47
October	25.48	30.02	25.80	25.13	42.6	35.5	54.8	60.6	37.9	33.2	44.1	46.0	62.6	36.6	49.6	78	28	33	31	34	32	32	70	83	46	37	59
November	25.56	30.16	25.85	25.14	35.0	28.6	46.4	53.3	29.2	27.7	39.7	42.2	57.0	31.2	44.1	70	17	30	26	33	33	30	82	90	59	47	69
December	25.39	29.99	25.75	25.10	33.5	30.8	37.0	40.1	31.0	29.1	33.4	35.3	45.3	29.0	37.2	64	15	28	27	29	30	29	81	87	74	68	78
Year	25.45	29.98	25.85	24.80	45.6	37.3	56.4	61.8	39.3	35.0	44.6	46.5	64.0	39.1	51.6	98	15	34	33	34	32	33	66	83	47	38	58

RICHMOND, VA.
Airport [ϕ=37°30′ N.; λ=77°20′ W.] City [ϕ=37°32′ N.; λ=77°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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.00	30.16	30.44	29.58	31.5	29.7	42.6	35.7	29.7	28.5	36.9	32.9	44.6	29.3	37.0	64	17	26	26	28	22	27	81	85	58	74	74
February	29.82	29.98	30.16	29.18	29.6	26.6	42.7	35.2	26.7	24.4	35.0	31.0	45.4	26.8	36.1	58	20	20	19	21	22	21	68	74	43	61	62
March	29.85	30.01	30.20	29.31	35.6	33.9	49.3	43.3	31.8	30.6	39.5	36.6	52.9	31.0	42.0	69	21	25	25	24	26	25	66	69	40	53	57
April	29.92	30.07	30.24	29.38	52.2	52.4	70.9	62.0	48.4	45.5	55.4	53.2	72.8	49.6	61.2	92	38	45	45	42	46	44	79	77	39	58	63
May	29.84	29.99	30.26	29.43	58.1	61.6	79.2	69.4	53.6	55.3	60.7	59.7	81.4	55.8	68.6	98	42	50	50	46	52	50	76	67	34	57	58
June	29.83	29.98	30.09	29.35	65.5	68.6	81.4	74.9	63.3	65.3	68.2	67.5	84.6	64.3	74.4	95	55	62	63	61	64	62	89	84	53	70	74
July	29.83	29.98	30.04	29.64	71.3	73.4	86.0	77.9	69.8	71.0	74.2	72.5	87.7	69.9	78.8	98	63	69	70	69	70	70	93	90	59	78	80
August	29.84	29.99	30.20	29.51	68.7	70.3	85.8	77.1	65.4	66.4	70.1	68.7	88.6	67.3	78.0	100	54	64	64	62	64	64	85	82	46	66	70
September	29.96	30.12	30.26	29.64	65.0	65.3	82.5	71.6	62.3	62.2	67.7	65.5	84.3	62.8	73.6	97	49	61	60	59	62	60	87	84	47	72	73
October	29.97	30.13	30.40	29.64	58.2	56.4	76.8	65.1	54.4	54.2	61.6	57.3	79.3	54.7	67.0	99	36	51	52	50	51	51	79	87	42	63	68
November	29.94	30.10	30.35	29.31	41.3	37.0	62.5	48.8	38.5	35.1	49.2	43.2	64.8	37.9	51.4	78	25	35	32	34	36	34	79	84	37	63	66
December	29.95	30.11	30.37	29.20	37.6	35.8	51.0	41.4	35.8	34.3	43.1	38.2	53.2	34.6	43.9	71	23	33	32	33	34	33	83	85	51	74	73
Year	29.90	30.05	30.44	29.18	51.2	50.9	67.6	58.5	48.3	48.0	55.1	52.2	70.0	48.7	59.3	100	17	45	45	44	46	45	80	81	46	66	68

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Reno, 4,527 feet; Richmond, 144 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

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: 0.84 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	3.53	0.98	19.7	6.6	11.2	NW.	40	NW.	5	8	6	17	11	9	11	8	0	4	2	1	0	6	0	0	28	0	0
February	1.94	.81	9.2	5.4	14.5	NW.	37	N.	6	10	8	10	5	4	8	3	0	4	1	0	0	4	0	0	27	0	0
March	2.68	1.36	17.6	4.6	13.8	NW.	46	E.	7	15	6	10	10	5	8	6	0	1	2	0	0	2	0	0	24	0	0
April	1.88	.93	.0	3.8	10.9	NW.	43	NW.	3	15	8	7	6	6	0	0	0	0	0	0	0	0	2	0	0	0	0
May	1.57	.42	.0	4.5	10.3	NW.	36	N.	5	14	10	7	10	7	0	0	0	1	0	0	0	0	5	0	0	0	5
June	4.76	1.21	.0	5.1	9.2	NW.	38	E.	4	12	8	10	11	8	0	0	0	8	0	0	0	0	7	0	0	0	5
July	4.73	1.41	.0	6.4	9.0	S.	50	NW.	4	6	11	14	14	9	0	0	0	10	0	0	0	0	7	3	0	0	10
August	3.32	1.06	.0	3.9	9.5	NW.	29	NW.	0	16	8	7	6	6	0	0	0	2	0	0	0	0	6	1	0	0	4
September	.37	.17	.0	3.3	9.8	NW.	33	NW.	1	19	7	4	4	3	0	0	0	6	1	0	0	0	6	0	0	0	2
October	2.15	.84	.0	5.6	10.8	NW.	35	NW.	3	8	12	11	8	7	0	0	0	11	2	0	0	0	2	0	1	0	0
November	1.74	.67	.0	4.9	10.7	W.	34	E.	2	11	10	9	5	4	0	0	0	4	1	0	0	0	0	0	2	0	0
December	3.26	2.09	.7	6.5	12.3	NW.	47	SW.	8	5	12	14	10	5	5	2	0	10	3	0	1	2	0	0	18	0	0
Year	31.93	2.09	47.2	5.0	11.0	NW.	50	NW.	48	139	106	120	100	73	32	19	0	61	12	1	1	14	35	4	100	0	26

REDDING, CALIF.

[H=718 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: 0.84 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	16.12	2.46	T	7.7	7.4	NW.	28	S.	0	5	4	22	19	18	2	2	0	16	1	1	0	0	0	0	0	0	0
February	11.71	2.30	0.0	8.5	6.9	NW.	36	SE.	2	1	6	21	22	19	0	0	0	11	4	4	0	0	0	0	0	0	1
March	5.32	2.21	.0	6.8	8.2	NW.	34	SE.	1	8	4	19	10	9	0	0	1	0	0	0	0	0	0	0	0	0	3
April	6.78	2.20	.0	5.4	8.3	NW.	29	S.	0	12	6	12	10	7	0	0	1	1	0	0	0	0	0	0	0	0	3
May	4.38	1.01	.0	6.6	7.7	NW.	34	NW.	1	7	9	15	13	13	0	0	0	2	1	0	0	0	4	2	0	0	2
June	1.26	.76	.0	5.6	9.3	NW.	33	NW.	1	9	8	13	5	4	0	0	0	0	0	0	0	0	7	3	0	0	1
July	T	T	.0	2.1	7.6	NW.	22	NW.	0	24	5	2	0	0	0	0	0	0	0	0	0	0	26	23	0	0	2
August	.01	.01	.0	4.1	7.5	NW.	26	NW.	0	16	8	7	1	0	0	0	0	0	0	0	0	0	17	7	0	0	0
September	.08	.04	.0	3.0	9.2	NW.	26	N.	0	19	7	4	2	2	0	0	0	0	0	0	0	0	5	2	0	0	0
October	2.66	1.47	.0	4.2	7.7	NW.	25	N.	0	18	3	10	5	4	0	0	0	3	0	0	0	0	0	0	0	0	0
November	3.10	1.64	.0	6.3	6.9	NW.	20	NW.	0	9	6	15	10	8	0	0	0	8	3	1	1	0	0	0	0	0	0
December	12.95	3.69	4.1	7.4	7.9	NW.	34	S.	3	4	7	20	18	17	1	1	0	18	5	0	3	0	0	0	4	0	0
Year	64.37	3.69	4.1	5.6	7.9	NW.	36	SE.	8	132	73	160	115	101	3	3	2	59	14	12	4	0	59	37	4	0	12

RENO, NEV.

Airport [H=4,397 ft.; H_b=4,400 ft.; H_t=20 ft.; H_r=18 ft.; H_a=46 ft.] City [H=4,493 ft.; H_b=4,532 ft.; H_t=61 ft.; H_r=53 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: 0.84 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	0.61	0.25	0.6	5.3	5.1	W.	24	S.	0	8	15	8	9	5	6	5	0	0	0	0	0	0	0	0	28	0	0
February	.89	.27	T	7.1	5.4	W.	24	S.	0	5	8	15	8	7	2	2	0	0	0	0	1	0	0	0	12	0	0
March	.26	.13	.6	3.7	5.9	W.	25	W.	0	16	10	5	4	2	2	1	0	0	0	0	0	0	0	0	19	0	0
April	.48	.27	1.4	5.0	7.9	W.	27	W.	0	11	10	9	6	4	6	4	0	0	0	0	0	0	0	0	10	0	2
May	.16	.10	T	4.7	7.6	W.	30	SW.	0	9	18	4	4	2	1	0	0	0	0	0	0	0	0	0	0	0	2
June	.48	.31	.0	4.1	6.6	W.	28	W.	0	13	13	4	6	3	0	0	0	0	0	0	0	0	0	0	0	0	6
July	.20	.09	.0	2.2	5.6	W.	26	S.	0	24	5	2	3	3	0	0	0	0	0	0	0	0	16	2	0	0	6
August	.73	.30	.0	3.6	5.2	W.	22	W.	0	16	11	4	7	5	0	0	1	0	0	0	0	0	0	0	0	0	7
September	T	T	.0	1.9	5.5	W.	24	SW.	0	24	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	1.11	.85	.0	4.8	4.9	W.	32	W.	1	11	12	8	9	3	0	0	0	0	0	0	0	0	0	0	8	0	0
November	.32	.19	T	4.0	3.7	W.	24	W.	0	14	10	6	4	2	2	0	0	0	0	0	0	0	0	0	14	0	0
December	2.69	.80	21.0	7.2	4.8	W.	28	S.	0	7	4	20	13	10	12	10	0	0	0	1	0	5	0	0	24	0	0
Year	7.93	.85	23.6	4.5	5.7	W.	32	W.	1	158	121	86	73	46	31	22	1	0	0	1	1	5	16	2	115	0	23

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.]

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: 0.84 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	2.32	1.27	0.3	5.6	8.1	NE.	29	N.	0	11	6	14	8	7	2	1	0	3	1	0	0	0	0	0	24	0	0
February	1.14	.38	3.3	4.2	8.9	NW.	30	NW.	0	13	9	6	6	6	2	0	2	2	2	1	0	0	0	0	24	0	0
March	2.43	1.44	5.9	5.0	9.9	NW.	27	W.	0	12	10	9	9	6	5	2	0	1	0	0	0	0	0	0	19	0	0
April	3.23	1.34	.0	4.7	7.7	NE.	26	SW.	0	12	8	10	7	7	0	0	0	0	0	0	0	0	3	0	0	0	2
May	1.88	1.36	.0	3.0	7.4	NW.	29	N.	0	20	8	3	7	5	0	0	0	0	0	0	0	0	8	5	0	0	2
June	2.08	.82	.0	6.2	6.8	SW.	30	N.	0	5	12	13	11	8	0	0	0	2	2	2	2	0	7	2	0	0	6
July	3.51	.82	.0	6.1	7.1	SW.	24	NW.	0	6	14	11	14	11	0	0	0	3	2	2	1	0	10	6	0	0	12
August	3.86	2.13	.0	3.6	7.0	SW.	35	NW.	1	18	7	6	4	4	0	0	0	4	0	0	0	0	16	2	0	0	5
September	2.20	1.48	.0	3.5	7.2	SW.	19	E.	0	15	10	5	5	3	0	0	0	9	4	3	1	0	8	1	0	0	1
October	.75	.58	.0	4.5	7.6	SW.	22	W.	0	13	9	9	4	4	0	0	0	4	1	0	0	0	6	4	0	0	0
November	.46	.29	.0	3.3	7.1	SW.	21	SW.	0	17	8	5	5	4	0	0	0	3	1	1	2	0	0	0	7	0	0
December	2.96	1.80	.0	5.0	7.6	SW.	26	NW.	0	11	13	7	8	7	0	0	0	6	3	3	3	0	0	0	15	0	1
Year	26.82	2.13	9.5	4.6	7.7	SW.	35	NW.	1	153	114	98	88	72	13	5	0	37	16	13	10	0	58	20	89	0	29

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TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ROCHESTER, N. Y.
Airport [ϕ=43°07′ N.; λ=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
	In. (1)	In.	In. (1)	In. (1)	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	29.57	30.16	30.05	28.96	22.3	22.0	26.2	23.2	21.4	21.1	24.3	22.0	29.6	16.0	22.8	46	4	19	19	21	20	20	87	88	78	84	84
February	29.35	29.94	29.80	28.63	20.4	20.5	27.4	23.2	19.4	19.4	25.2	21.9	30.3	14.7	22.5	50	0	17	17	21	19	19	87	86	75	82	83
March	29.42	30.01	29.88	28.86	22.4	20.7	31.0	27.5	21.4	19.9	28.0	25.7	33.7	16.7	25.2	52	−4	19	18	23	22	21	86	89	71	80	82
April	29.53	30.10	29.88	28.96	43.0	44.4	58.7	52.0	40.3	41.1	47.9	45.3	61.7	37.7	49.7	86	26	37	38	37	38	37	81	79	47	60	67
May	29.41	29.97	29.71	29.04	52.1	54.0	66.8	62.0	48.0	49.4	53.9	52.4	70.1	46.4	58.2	89	32	44	45	42	43	44	75	72	44	53	61
June	29.40	29.96	29.65	29.15	61.1	64.5	77.3	71.9	57.6	59.2	63.2	61.9	80.3	57.1	68.7	96	42	55	56	54	55	55	82	74	48	59	66
July	29.39	29.94	29.70	28.96	66.7	69.2	82.6	76.7	62.6	63.7	67.2	65.7	85.3	62.5	73.9	98	52	60	60	58	59	60	80	75	46	58	65
August	29.41	29.97	29.77	29.01	61.1	62.6	76.5	70.1	57.6	58.7	62.8	60.9	78.7	56.1	67.4	92	44	55	56	54	55	55	82	80	48	60	67
September	29.51	30.08	29.86	28.91	57.0	57.4	74.0	64.2	53.6	54.1	60.5	58.0	77.1	51.1	64.1	92	36	52	52	51	54	52	84	81	47	70	70
October	29.50	30.07	30.04	28.98	48.9	48.1	58.5	52.5	46.2	45.6	51.4	48.6	61.2	43.3	52.2	88	30	44	43	45	45	44	82	84	62	76	76
November	29.41	29.99	29.92	28.72	40.8	40.0	48.1	41.8	37.9	37.3	42.2	38.7	50.3	35.9	43.1	73	23	34	34	35	35	35	78	79	62	76	74
December	29.46	30.05	30.03	28.65	30.8	30.1	35.7	32.4	29.4	28.8	32.9	30.6	39.0	24.5	31.8	66	5	27	26	29	28	28	87	86	75	86	84
Year	29.45	30.02	30.05	28.63	43.9	44.5	55.2	49.8	41.3	41.5	46.6	44.3	58.1	38.5	48.3	98	−4	39	39	39	39	39	83	81	59	70	73

ROSEBURG, OREG.
[ϕ=43°13′ N.; λ=123 20′ 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	29.42	29.98	29.80	28.94	42.6	40.9	42.5	50.3	41.4	39.9	41.1	45.9	52.3	38.5	45.4	61	30	40	39	40	41	40	91	93	89	72	86
February	29.33	29.88	29.76	28.67	44.1	41.7	44.8	55.0	42.6	40.7	42.9	48.8	57.4	38.4	47.9	67	32	41	40	41	43	41	90	93	87	65	84
March	29.43	29.98	29.90	28.66	48.8	42.1	51.0	63.4	45.5	41.0	45.9	51.4	65.5	39.8	52.6	76	29	42	40	41	40	40	78	91	69	44	71
April	29.43	29.98	29.80	28.92	50.2	42.9	55.0	62.7	46.3	41.8	48.1	50.9	65.2	41.5	53.4	82	33	42	41	41	39	41	75	92	61	45	68
May	29.46	30.01	29.97	29.10	54.8	49.5	60.9	66.7	51.2	48.1	52.6	55.1	70.0	47.5	58.8	92	36	48	47	45	46	46	79	91	58	49	69
June	29.48	30.03	29.70	29.24	59.0	52.7	63.6	70.4	54.8	51.2	55.5	58.4	73.2	51.4	62.3	97	43	52	50	49	50	50	77	90	60	50	69
July	29.45	29.99	29.66	29.22	69.1	58.6	72.9	84.4	60.9	56.0	61.5	64.8	86.2	57.1	71.6	103	48	55	54	54	52	54	63	86	53	35	59
August	29.47	30.02	29.64	29.27	64.6	57.3	68.9	78.2	58.9	54.7	59.6	63.8	80.8	56.0	68.4	95	47	55	53	53	55	54	72	86	58	46	65
September	29.47	30.02	29.76	29.21	56.6	50.4	61.6	70.8	53.3	49.4	55.1	58.2	72.9	48.2	60.6	84	38	51	48	50	49	50	81	93	67	47	72
October	29.54	30.09	29.87	29.32	50.6	47.4	54.4	62.8	48.8	46.5	50.5	54.3	64.9	44.5	54.7	73	37	47	46	47	47	47	89	94	77	59	80
November	29.52	30.08	29.93	29.08	46.9	45.5	49.2	55.1	46.0	44.6	46.5	50.8	57.3	43.0	50.2	71	28	45	44	44	47	45	94	95	83	75	87
December	29.38	29.94	29.83	28.80	42.9	41.7	43.9	46.9	41.8	40.8	41.8	44.2	49.7	38.3	44.0	66	25	41	40	39	41	40	92	93	85	82	88
Year	29.45	30.00	29.97	28.66	52.5	47.6	55.7	63.9	49.3	46.2	50.1	53.9	66.3	45.4	55.8	103	25	47	45	45	46	46	82	91	71	56	75

ROSWELL, N. MEX.
[ϕ=33°24′ N.; λ=104°27′ 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	26.43	30.10	26.92	25.98	38.6	33.7	45.9	50.1	34.8	31.4	38.7	40.8	53.9	30.2	42.0	66	19	30	28	29	29	29	72	80	56	48	64
February	26.36	29.99	26.66	25.88	43.4	38.2	49.7	56.6	38.9	35.2	41.8	44.5	58.1	34.8	46.4	75	26	34	31	33	31	32	71	78	56	42	62
March	26.35	29.98	26.74	26.10	44.9	39.0	50.8	56.9	39.6	35.8	41.7	44.8	58.8	36.5	47.6	80	27	33	32	31	31	32	66	76	53	44	60
April	26.25	29.83	26.60	25.85	54.0	47.7	63.1	67.9	45.1	41.8	49.0	49.9	69.8	45.5	57.6	84	37	35	34	34	29	33	53	62	38	30	46
May	26.31	29.86	26.63	26.00	62.4	57.4	72.4	75.1	56.2	53.8	59.5	59.7	78.3	55.7	67.0	94	48	52	51	50	49	50	72	81	52	47	63
June	26.34	29.86	26.60	26.08	67.0	61.7	78.9	81.8	59.9	57.6	62.3	62.6	85.2	60.5	72.8	95	52	56	55	52	50	53	68	80	41	35	56
July	26.40	29.94	26.61	26.22	71.3	65.9	82.5	84.7	65.1	62.8	67.8	67.2	89.0	64.5	76.8	95	60	62	61	61	58	60	74	85	49	42	62
August	26.00	29.93	26.61	26.20	71.5	65.8	82.3	85.0	64.8	62.1	67.4	68.3	89.2	64.3	76.8	95	60	61	60	60	60	60	72	82	48	45	62
September	26.34	29.89	26.60	26.09	65.0	60.9	74.7	75.1	61.3	58.9	64.5	63.8	80.9	58.5	69.7	92	46	59	58	59	57	58	83	90	62	58	73
October	26.38	29.97	26.74	26.08	57.0	52.8	65.2	66.4	53.4	50.5	55.3	56.6	71.8	49.9	60.8	87	34	51	48	48	50	49	80	86	57	59	71
November	26.44	30.08	26.78	26.08	45.0	37.8	56.0	59.1	40.9	35.9	46.6	47.9	65.0	34.6	49.8	77	19	36	34	37	37	36	73	85	51	45	64
December	26.37	30.03	26.81	25.83	37.9	32.0	49.4	50.4	34.3	30.0	41.6	41.6	56.8	29.2	43.0	73	21	29	27	33	32	30	71	83	56	59	65
Year	26.36	29.95	26.92	25.83	54.8	49.4	64.2	67.4	49.5	46.3	53.0	54.0	71.4	47.0	59.2	95	19	45	43	44	43	44	71	81	52	45	62

SACRAMENTO, CALIF.
Airport [ϕ=38°31′ N.; λ=121°30′ W.] City [ϕ=38°35′ N.; λ=121°30′ 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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.99	30.06	30.29	29.60	47.5	46.2	49.2	55.1	46.3	45.2	47.1	50.8	55.3	44.5	49.9	64	36	45	44	45	47	45	92	92	86	76	86
February	29.85	29.92	30.18	29.20	51.4	48.7	53.0	58.2	49.9	47.8	50.3	53.3	59.0	47.2	53.1	67	37	48	47	49	49	48	90	94	84	73	85
March	29.88	29.95	30.29	29.46	53.8	48.7	57.7	65.6	50.8	47.1	52.3	55.3	66.5	48.4	57.4	76	41	48	45	48	47	47	82	89	70	52	73
April	29.87	29.94	30.17	29.48	53.6	48.6	59.2	66.4	50.5	46.8	52.7	55.7	67.8	47.8	57.8	84	42	48	45	47	47	47	81	87	65	52	72
May	29.89	29.96	30.14	29.57	59.9	54.2	67.9	74.5	54.7	51.4	58.1	60.8	76.3	54.0	65.2	93	47	50	49	51	51	50	72	84	56	46	64
June	29.84	29.91	30.01	29.64	62.9	56.0	73.8	82.1	56.3	52.7	60.4	62.5	83.7	56.3	70.0	100	50	52	50	51	48	50	67	81	46	33	57
July	29.79	29.86	29.97	29.59	68.1	60.5	78.0	91.7	59.5	56.3	64.2	67.1	92.8	60.5	76.6	105	55	54	53	56	52	54	61	78	47	28	53
August	29.86	29.93	30.08	29.65	65.5	59.5	74.1	84.8	58.4	55.9	62.5	65.4	86.2	59.1	72.6	98	55	53	53	55	53	54	66	80	52	35	58
September	29.79	29.86	30.02	29.60	63.2	56.3	72.7	83.3	54.6	51.2	58.6	61.1	84.0	56.3	70.2	98	48	47	46	48	44	46	58	71	42	26	50
October	29.90	29.97	30.21	29.54	57.4	51.4	64.8	71.9	49.9	46.5	53.8	56.3	73.9	50.4	62.2	90	44	42	41	44	43	43	61	71	50	40	56
November	30.01	30.08	30.30	29.78	50.4	46.2	55.8	63.8	48.2	45.0	51.2	55.2	65.4	45.9	55.6	78	32	46	44	46	48	46	85	91	73	38	76
December	29.94	30.01	30.24	29.60	47.4	44.8	49.3	54.0	45.9	43.6	46.6	49.7	55.6	42.9	49.2	65	34	44	43	44	45	44	90	92	83	74	85
Year	29.88	29.95	30.30	29.20	56.8	51.8	63.0	71.0	52.1	49.1	54.8	57.8	72.2	51.1	61.6	105	32	48	47	49	48	48	75	84	63	49	68

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Rochester, 523 feet; Sacramento, 66 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ROCHESTER, N. Y.

Airport [H=543 ft.; H_b=555 ft.; H_t=5 ft.; H_r=4 ft.; H_a=69 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	0.84 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	1.95	0.49	13.0	8.6	11.0	W.	33	W.	2	1	8	22	21	14	25	17	0	9	1	0	0	19	0	0	31	0	0
February	1.59	.84	20.2	7.4	12.7	W.	38	SW.	6	3	8	17	16	7	23	14	0	10	1	1	0	18	0	0	27	1	0
March	2.20	.77	19.6	6.0	12.7	W.	41	SW.	4	8	13	10	14	9	19	13	0	15	1	1	1	13	0	0	30	1	0
April	1.51	1.13	.4	4.1	10.9	SW.	44	W.	5	13	10	7	10	4	1	1	0	12	0	0	0	0	0	0	10	0	4
May	1.22	.59	.0	6.1	10.2	SW.	34	SW.	2	7	11	13	13	7	0	0	0	10	0	1	0	0	0	0	0	0	3
June	1.76	.61	.0	5.2	8.7	SW.	37	W.	2	12	7	11	8	7	0	0	2	13	1	1	1	0	6	2	0	0	3
July	3.05	1.34	.0	6.2	8.3	SW.	35	W.	2	7	13	11	6	6	0	0	0	9	0	0	0	0	11	3	0	0	6
August	2.04	.89	.0	5.2	8.7	SW.	28	W.	0	11	9	11	9	6	0	0	0	14	2	2	1	0	1	0	0	0	3
September	2.09	.97	.0	4.5	9.5	SW	44	W.	4	13	9	8	8	7	0	0	0	12	2	1	0	0	2	0	0	0	5
October	3.32	.76	T	7.5	10.7	SW.	39	NW.	3	3	7	21	14	9	2	0	1	18	5	3	1	0	0	0	3	0	2
November	1.05	.39	.2	7.5	12.1	SW.	38	W.	4	3	8	19	9	5	7	2	0	14	1	2	2	0	0	0	7	0	0
December	2.24	1.00	5.9	8.1	11.2	SW.	38	SW.	3	2	7	22	17	10	17	10	0	15	1	1	2	10	0	0	25	0	0
Year	24.02	1.34	59.3	6.4	10.5	SW.	44	W.	37	83	110	172	145	91	94	57	3	151	15	13	8	60	20	5	133	2	26

ROSEBURG, OREG.

[H=479 ft.; H_b=510 ft.; H_t=45 ft.; H_r=41 ft.; H_a=76 ft.]

January	3.58	0.70	0.0	8.7	3.5	S.	14	NW.	0	1	3	27	20	13	0	0	0	23	14	13	15	0	0	0	3	0	0
February	2.63	.76	.0	7.9	3.4	NW.	23	S.	0	1	10	17	12	10	0	0	0	19	8	10	11	0	0	0	2	0	0
March	1.08	.26	.0	6.1	3.6	DI.[1]	25	W.	0	9	7	15	11	7	0	0	1	11	6	3	5	0	0	0	1	0	1
April	2.09	.75	.0	5.6	4.5	N.	19	SW.	0	9	10	11	12	10	0	0	2	3	0	2	1	0	0	0	0	0	2
May	2.69	.73	.0	6.7	4.5	N.	26	SW.	0	5	11	15	15	9	0	0	1	3	0	0	0	0	1	0	0	0	3
June	2.59	1.20	.0	6.9	4.4	N.	18	SW.	0	4	9	17	12	9	0	0	0	4	1	1	0	0	1	1	0	0	2
July	.09	.07	.0	3.0	4.9	N.	19	W.	0	20	6	5	4	1	0	0	0	0	0	0	0	0	9	7	0	0	1
August	.45	.16	.0	5.6	4.1	N.	16	SW.	0	8	13	10	7	3	0	0	0	3	1	1	0	0	4	0	0	0	0
September	2.28	1.70	.0	5.2	3.8	N.	18	SW.	0	11	8	11	8	6	0	0	0	13	5	7	2	0	0	0	0	0	0
October	1.94	.59	.0	7.1	3.2	DI.[1]	15	N.	0	1	17	13	12	7	0	0	0	20	15	8	12	0	0	0	0	0	0
November	6.09	2.74	.0	8.4	3.2	S.	21	SW.	0	1	8	21	11	9	0	0	0	23	14	15	10	0	0	0	6	0	0
December	8.80	2.05	3.8	9.0	3.7	S.	23	SW.	0	0	7	24	25	20	3	1	0	17	9	9	7	0	0	0	5	0	0
Year	34.31	2.74	3.8	6.7	3.9	N.	26	SW.	0	70	109	186	149	104	3	1	4	139	73	69	63	0	15	8	17	0	11

ROSWELL, N. MEX.

[H=3,563 ft.; H_b=3,566 ft.; H_t=75 ft.; H_r=69 ft.; H_a=85 ft.]

January	0.49	0.23	T	5.3	6.2	S.	38	NW.	1	10	9	12	7	3	2	1	1	7	4	4	3	0	0	0	20	0	4
February	.84	.40	2.2	5.6	7.5	S.	36	NW.	1	10	4	14	5	4	2	2	0	9	4	3	1	0	0	0	6	0	1
March	2.82	.96	6.6	5.4	9.3	S.	33	NE.	4	8	13	10	5	5	4	1	1	7	1	1	0	0	0	0	8	0	3
April	3.95	1.99	.0	4.4	9.6	S.	36	W.	2	14	7	9	7	5	0	0	1	3	0	0	0	0	0	0	0	0	6
May	6.42	2.27	.0	5.3	8.5	S.	29	SE.	0	13	6	12	15	9	0	0	1	1	1	0	0	0	5	0	0	0	15
June	.85	.66	.0	4.5	7.8	S.	27	W.	0	10	16	4	6	4	0	0	1	0	0	1	0	0	7	1	0	0	11
July	3.83	1.97	.0	4.2	6.5	S.	25	SE.	0	14	13	4	10	6	0	0	0	0	0	0	0	0	16	1	0	0	12
August	1.96	1.38	.0	4.0	6.5	S.	34	NW.	1	15	11	5	9	6	0	0	0	1	0	0	0	0	15	1	0	0	9
September	7.80	2.40	.0	5.9	7.8	S.	40	NW.	1	10	7	13	15	11	0	0	0	7	3	2	0	0	5	0	0	0	10
October	3.51	1.22	.0	4.4	7.7	S.	27	NW.	0	17	4	10	11	9	0	0	1	4	2	3	0	0	0	0	0	0	5
November	.11	.11	.0	2.9	6.0	S.	32	NE.	1	20	6	4	1	1	0	0	0	5	4	2	0	0	0	0	11	0	0
December	.34	.17	.5	4.5	6.8	S.	34	SW.	2	15	6	10	3	2	1	1	0	7	4	3	0	0	0	0	23	0	0
Year	32.92	2.40	9.3	4.7	7.5	S.	40	NW.	13	156	102	107	94	65	9	5	6	51	23	19	4	0	48	3	68	0	76

SACRAMENTO, CALIF.

Airport [H=17 ft.; H_b=19 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.]

January	5.78	1.56	0.0	7.4	7.7	SE.	35	SE.	1	7	4	20	16	14	0	0	0	11	9	8	7	0	0	0	0	0	1
February	5.40	1.01	.0	7.4	7.6	SE.	37	SE.	3	4	9	15	15	15	0	0	0	8	7	6	5	0	0	0	0	0	1
March	2.96	.96	.0	5.1	7.7	SE.	36	NW.	2	9	16	6	9	8	0	0	0	4	3	3	3	0	0	0	0	0	1
April	4.76	2.22	.0	4.3	8.2	S.	30	SE.	0	13	11	6	10	9	0	0	1	1	0	0	0	0	0	0	0	0	4
May	1.35	1.08	.0	4.4	8.3	S.	30	NW.	0	12	13	5	5	5	0	0	0	0	0	0	0	0	3	0	0	0	1
June	.02	.02	.0	3.4	7.9	SW.	22	SW.	0	16	11	3	1	0	0	0	0	0	0	0	0	0	6	3	0	0	0
July	.00	.00	.0	.7	7.9	S.	24	SW.	0	29	2	0	0	0	0	0	0	0	0	0	0	0	21	13	0	0	0
August	T	T	.0	2.9	8.0	S.	18	SW.	0	18	10	3	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0
September	T	T	.0	1.3	7.5	S.	27	NW.	0	27	3	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	1
October	.86	.84	.0	3.7	6.8	S.	29	NW.	0	15	10	6	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0
November	1.17	.37	.0	5.1	5.6	N.	18	NW.	0	11	9	10	6	4	0	0	0	8	6	6	5	0	0	0	0	0	0
December	6.29	1.24	.0	7.0	7.9	SE.	28	SE.	0	5	9	17	17	14	0	0	0	7	7	6	5	0	0	0	0	0	0
Year	28.49	2.22	.0	4.4	7.6	S.	37	SE.	6	166	107	92	82	71	0	0	1	40	32	29	25	0	42	21	0	0	9

[1] Direction indeterminate.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ST. JOSEPH, MO.

Airport [ϕ=39°49′ N.; λ=94°53′ W.] City [ϕ=39°49′ N.; λ=94°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 2)	In. (2)	In. (1 2)	In. (1 2)	°	°	°	°	°	°	°	°	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.12	30.19	29.62	28.54	27.5	26.3	33.3	30.9	26.8	25.8	31.1	29.4	36.6	24.0	30.3	60	4	26	25	28	27	26	92	95	80	84	88
February	29.08	30.16	29.48	28.21	27.3	25.2	33.5	31.7	25.9	24.1	30.1	28.9	38.1	22.4	30.2	54	12	24	22	24	24	24	85	87	69	73	78
March	29.05	30.11	29.49	28.32	32.9	29.5	45.5	43.0	31.2	28.3	38.8	37.5	50.2	29.7	40.0	72	14	29	26	31	30	29	85	88	57	62	73
April	28.93	29.96	29.38	28.40	51.0	49.2	63.4	61.4	48.3	46.7	55.0	53.8	67.1	47.9	57.5	81	38	46	44	48	47	46	83	84	61	63	73
May	28.94	29.95	29.40	28.50	61.5	60.4	76.3	73.0	58.6	58.1	65.9	64.3	80.4	58.8	69.6	93	44	57	57	60	59	58	85	88	58	63	74
June	28.89	29.90	29.15	28.65	66.6	65.8	78.4	77.4	64.8	64.4	69.3	69.2	82.5	64.3	73.4	96	55	64	64	65	65	64	92	93	65	68	79
July	28.93	29.94	29.18	28.69	70.9	70.1	85.7	82.3	67.7	67.5	73.2	72.6	90.1	68.8	79.4	103	57	66	66	68	68	67	86	88	56	65	74
August	28.94	29.95	29.18	28.64	70.6	68.5	84.6	82.6	68.5	67.0	73.7	73.2	89.3	68.2	78.8	99	58	68	66	69	69	68	90	93	61	65	77
September	28.94	29.96	29.44	28.58	64.8	62.1	77.2	73.5	62.3	60.5	67.0	66.1	80.3	60.9	70.6	92	43	61	60	62	62	61	88	92	61	69	77
October	28.99	30.02	29.38	28.33	53.6	52.0	64.2	59.7	52.5	51.4	58.3	56.5	66.9	49.9	58.4	83	26	51	51	54	54	53	93	96	72	83	86
November	29.01	30.06	29.35	28.66	37.9	35.4	49.8	44.7	36.9	34.7	44.7	41.7	53.2	36.2	44.7	74	20	36	34	40	39	37	92	94	71	80	84
December	29.00	30.06	29.46	28.35	34.6	32.4	42.3	37.8	33.5	31.6	38.2	35.7	44.9	31.0	38.0	67	13	32	30	33	33	32	91	92	73	83	85
Year	28.98	30.02	29.62	28.21	49.9	48.1	61.2	58.2	48.1	46.7	53.8	52.4	65.0	46.8	55.9	103	4	47	45	48	48	47	88	91	65	72	79

ST. LOUIS, MO.

Airport [ϕ=38°45′ N.; λ=90°23′ W.] City [ϕ=38°38′ N.; λ=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.	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 2)	(2)	(1 2)	(1 2)																							
January	29.55	30.18	29.96	28.84	----	32.0	36.3	37.4	----	30.1	32.8	33.6	42.1	28.7	35.4	64	10	----	27	27	28	27	----	79	70	69	73
February	29.50	30.13	29.90	28.78	----	28.3	34.0	34.9	----	25.6	29.3	30.0	40.1	25.5	32.8	61	12	----	20	20	21	20	----	70	56	56	61
March	29.47	30.09	29.93	28.85	----	34.3	43.8	45.1	----	31.1	36.5	37.5	49.5	32.0	40.8	66	15	----	26	26	27	26	----	70	50	50	57
April	29.40	30.01	29.85	28.96	----	53.7	65.1	64.4	----	49.0	53.9	54.6	68.9	52.2	60.6	87	39	----	44	44	46	45	----	73	51	56	60
May	29.40	30.00	29.78	29.02	----	63.9	75.8	75.8	----	57.4	61.7	61.8	79.9	61.4	70.6	92	48	----	53	52	52	52	----	68	45	46	53
June	29.33	29.93	29.59	29.07	----	71.0	82.2	82.0	----	64.7	67.6	68.1	86.1	68.5	77.3	97	57	----	61	60	60	60	----	72	48	51	57
July	29.35	29.94	29.57	29.10	----	73.4	86.8	85.6	----	76.9	70.6	70.3	91.1	71.4	81.2	101	61	----	64	63	63	63	----	72	46	48	55
August	29.38	29.97	29.62	29.12	----	73.6	87.0	85.5	----	66.9	70.6	70.8	90.8	71.3	81.0	100	61	----	63	62	64	63	----	72	45	51	56
September	29.42	30.02	29.85	28.72	----	66.9	78.5	77.1	----	61.5	65.7	65.4	82.4	64.3	73.4	93	47	----	59	58	58	58	----	76	54	56	62
October	29.45	30.05	29.79	28.87	----	58.9	66.9	65.4	----	55.4	58.6	58.5	70.6	56.0	63.3	88	32	----	52	52	53	52	----	80	62	67	70
November	29.46	30.08	29.92	29.00	----	41.8	51.4	49.9	----	38.8	44.3	43.5	55.0	39.5	47.2	77	23	----	35	37	36	36	----	77	59	62	66
December	29.46	30.08	29.93	28.76	----	38.0	43.7	42.8	----	35.3	38.6	38.1	47.6	35.0	41.3	67	18	----	32	32	32	32	----	77	64	66	69
Year	29.43	30.04	29.96	28.72	----	53.0	62.6	62.2	----	48.6	52.5	52.7	67.0	50.5	58.7	101	10	----	45	44	45	44	----	74	54	56	62

SALT LAKE CITY, UTAH

Airport [ϕ=40°46′ N.; λ=111°57′ W.] City [ϕ=40°46′ N.; λ=111°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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	25.69	30.19	26.03	25.34	28.8	26.9	32.3	33.7	27.6	26.0	29.9	31.4	38.9	26.4	32.6	48	14	26	25	27	28	27	89	92	80	80	86
February	25.61	30.05	25.96	24.98	35.3	33.3	40.5	42.1	33.9	32.1	36.4	38.1	47.5	32.5	40.0	62	20	32	31	32	34	32	89	90	72	74	81
March	25.57	29.97	25.99	25.15	39.8	36.1	47.5	50.8	35.3	33.1	38.8	40.6	54.2	35.5	44.8	68	25	30	29	29	29	29	68	76	49	46	60
April	25.50	29.88	25.75	25.08	42.9	39.7	51.1	53.5	39.0	36.8	42.4	43.5	57.7	38.7	48.2	76	30	35	34	34	34	34	75	79	54	51	65
May	25.54	29.86	25.81	25.12	56.2	51.0	66.5	69.6	48.3	45.2	51.3	51.8	74.3	49.9	62.1	90	36	42	40	39	37	39	62	69	40	35	51
June	25.55	29.84	25.81	25.26	60.5	54.4	72.3	76.6	51.8	48.7	54.7	55.4	79.4	55.5	67.4	95	44	45	44	42	39	42	60	71	38	30	50
July	25.64	29.90	25.78	25.33	70.4	63.8	82.5	88.1	57.4	55.2	60.9	61.0	90.7	64.4	77.6	102	55	49	49	47	43	47	49	61	32	24	42
August	25.63	29.90	25.83	25.41	68.8	63.9	78.9	82.7	57.7	56.0	59.9	60.3	86.7	64.2	75.4	98	53	50	51	48	45	48	55	64	36	30	46
September	25.55	29.87	25.82	25.22	54.7	50.2	66.0	70.3	45.7	43.6	49.7	50.6	73.6	48.9	61.2	88	38	37	38	35	33	36	55	64	35	28	45
October	25.62	30.00	25.98	25.18	45.0	42.2	54.5	56.0	41.0	39.1	45.1	46.4	61.2	41.3	51.2	78	33	37	36	36	38	37	76	80	53	53	65
November	25.73	30.20	26.10	25.08	36.0	32.7	43.3	42.6	32.7	30.3	37.3	39.1	51.1	32.7	41.9	72	16	29	27	31	32	30	78	82	63	69	73
December	25.57	30.03	25.97	25.13	32.7	31.6	36.6	36.6	30.3	29.4	32.8	33.5	43.5	29.3	36.4	61	15	27	27	28	30	28	82	83	73	78	79
Year	25.60	29.97	26.10	24.98	47.6	43.8	56.0	58.6	41.7	39.6	44.9	46.0	63.2	43.3	53.2	102	14	37	36	36	35	36	70	76	52	50	62

SAN ANTONIO, TEX.

Airport [ϕ=29°20′ N.; λ=98°28′ W.] City [ϕ=29°27′ N.; λ=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.	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	29.40	30.14	29.88	28.89	53.0	48.9	59.7	60.4	50.0	47.2	53.1	53.7	64.8	46.6	55.7	77	27	47	46	47	48	47	81	88	65	65	75
February	29.32	30.06	29.71	28.81	49.0	46.3	56.2	58.2	47.2	44.9	50.5	51.9	61.9	43.6	52.8	77	30	46	43	45	47	45	89	90	69	67	79
March	29.31	30.04	29.76	28.96	52.3	48.7	60.6	61.8	49.3	46.9	53.0	54.0	66.2	46.0	56.1	85	33	46	45	46	47	46	82	88	62	62	74
April	29.17	29.90	29.54	28.82	63.9	61.7	72.9	72.8	60.9	59.9	63.7	64.4	77.3	59.9	68.6	89	46	59	59	57	59	58	84	90	64	67	76
May	29.22	29.93	29.45	28.83	70.2	68.3	80.1	81.0	68.3	67.2	70.4	71.4	86.1	66.5	76.3	93	57	67	67	66	67	67	91	95	63	64	78
June	29.20	29.92	29.40	28.99	75.1	73.4	84.3	84.6	72.8	71.8	75.3	75.5	90.1	71.8	81.0	95	65	72	71	72	72	72	90	93	67	67	79
July	29.24	29.95	29.43	29.03	77.4	75.0	89.7	89.9	73.8	73.4	75.2	75.4	95.1	73.7	84.4	99	68	72	73	69	70	71	85	93	52	52	70
August	29.24	29.95	29.42	29.06	77.8	74.8	91.0	90.9	73.6	73.5	75.4	75.2	95.8	73.9	84.8	101	69	72	73	69	69	71	83	94	49	50	69
September	29.19	29.90	29.44	28.89	76.0	73.4	86.9	86.0	72.7	71.7	74.8	74.7	91.0	72.2	81.6	98	66	71	71	70	70	70	86	92	58	60	74
October	29.26	29.98	29.51	28.99	71.3	70.1	80.2	76.3	69.8	68.8	72.1	70.9	84.0	67.6	75.8	90	46	69	68	68	68	68	92	94	68	77	83
November	29.37	30.11	29.86	29.04	52.9	49.0	66.7	63.9	50.6	47.5	56.8	56.7	71.6	46.6	59.1	83	31	49	46	49	51	49	86	90	55	64	74
December	29.34	30.08	29.82	28.82	51.2	49.0	60.7	59.0	48.4	47.0	53.1	52.8	65.0	44.8	54.9	80	31	46	45	46	47	46	83	87	63	68	75
Year	29.27	30.00	29.88	28.81	64.2	61.6	74.1	73.7	61.4	60.0	64.4	64.7	79.1	59.4	69.3	101	27	60	59	59	60	59	86	91	61	64	76

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: St. Joseph, 967 feet; St. Louis, 568 feet; Salt Lake City, 4,357 feet; San Antonio, 693 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ST. JOSEPH, MO.

Airport [H=809 ft.; H_b=817 ft.; H_t=5 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: 0.84 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	3.36	1.04	13.5	6.6	8.3	NW.	27	NW.	0	10	3	18	13	12	12	5	0	3	3	2	2	12	0	0	26	0	1
February	.20	.13	.6	6.9	8.9	NW.	30	NW.	0	5	9	14	6	2	11	4	0	0	0	0	0	7	0	0	26	0	1
March	.96	.53	7.2	6.4	9.7	NW.	30	NW.	0	9	13	9	7	6	12	6	0	0	0	0	0	1	0	0	19	0	0
April	5.04	3.24	.0	6.4	10.1	SE.	30	SW.	0	7	10	13	14	10	0	0	2	0	0	0	0	0	0	0	0	0	5
May	3.57	1.99	.0	4.6	8.3	S.	30	NW.	0	11	16	4	11	9	0	0	0	0	0	0	0	0	2	0	0	0	12
June	6.23	4.01	.0	5.7	7.9	S.	35	W.	1	9	8	13	12	12	0	0	1	1	0	0	0	0	8	1	0	0	8
July	1.32	.58	.0	4.9	7.0	S.	24	N.	0	10	12	9	9	6	0	0	0	0	0	0	0	0	17	9	0	0	12
August	2.13	.90	.0	5.4	6.8	S.	30	NW.	0	8	16	7	8	6	0	0	0	2	0	0	0	0	15	6	0	0	9
September	5.40	2.88	.0	5.3	9.0	S.	21	NW.	0	11	8	11	14	12	0	0	0	3	0	0	0	0	4	0	0	0	8
October	6.59	1.56	T	7.4	7.7	S.	35	W.	3	3	8	20	16	11	1	0	0	15	2	0	0	0	0	0	2	0	5
November	.96	.37	3.1	5.8	8.8	S.	24	W.	0	11	5	14	6	5	7	1	0	6	0	0	0	1	0	0	12	0	1
December	2.04	1.03	4.7	6.9	9.5	NW.	33	W.	1	7	7	17	7	6	8	5	0	10	2	0	0	5	0	0	18	0	1
Year	37.80	4.01	29.1	5.9	8.5	S.	35	W.	5	101	115	149	123	97	51	21	3	40	7	2	2	26	46	16	103	0	63

ST. LOUIS, MO.

Airport [H=556 ft.; H_b=564 ft.; H_t=6 ft.; H_r=4 ft.; H_a=59 ft.] City [H=568 ft.; H_b=568 ft.; H_t=179 ft.; H_r=172 ft.; H_a=303 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: 0.84 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	2.38	0.93	3.3	7.0	10.6	NW.	30	SW.	0	7	6	18	12	6	9	6	0	13	3	3	1	7	0	0	21	0	0
February	.64	.24	3.5	6.4	11.3	NW.	40	S.	1	9	4	15	6	4	11	5	0	4	0	0	0	6	0	0	23	0	0
March	.60	.24	.5	5.5	11.6	NW.	38	W.	1	10	8	13	5	3	7	1	0	5	0	0	0	1	0	0	15	0	2
April	4.47	1.47	.0	5.9	11.6	S.	33	SW.	3	8	8	14	12	10	0	0	0	10	2	1	1	0	0	0	0	0	6
May	1.91	1.00	.0	3.9	11.6	SW.	38	SW.	1	18	7	6	9	8	0	0	0	5	1	0	0	0	5	0	0	0	4
June	2.52	1.26	.0	4.8	9.5	SW.	30	NW.	0	12	9	9	8	5	0	0	0	4	0	0	0	0	12	4	0	0	7
July	1.68	.55	.0	4.1	9.3	SW.	27	SW.	0	15	11	5	8	5	0	0	0	1	0	0	0	0	21	11	0	0	10
August	2.63	1.43	.0	4.4	9.4	SW.	35	SE.	2	15	10	6	6	6	0	0	1	3	0	0	0	0	19	10	0	0	7
September	3.58	1.78	.0	4.4	11.6	SW.	38	SW.	1	14	6	10	10	10	0	0	0	4	2	0	0	0	4	0	0	0	3
October	7.46	1.66	.0	6.5	11.5	SW.	35	SW.	4	6	10	15	16	12	0	0	0	14	3	2	1	0	0	0	0	0	7
November	3.05	1.40	3.0	4.9	11.4	SW.	34	SW.	1	14	4	12	8	6	6	2	0	5	2	0	0	0	0	0	8	0	0
December	1.20	.45	2.2	6.5	11.6	NW.	32	NW.	1	8	7	16	8	6	5	3	0	9	3	1	1	2	0	0	13	0	0
Year	32.12	1.78	12.5	5.4	10.9	SW.	40	S.	15	136	96	139	108	81	38	17	1	77	16	7	4	17	61	25	80	0	46

SALT LAKE CITY, UTAH

Airport [H=4,222 ft.; H_b=4,227 ft.; H_t=32 ft.; H_r=31 ft.; H_a=46 ft.] City [H=4,266 ft.; H_b=4,357 ft.; H_t=86 ft.; H_r=84 ft.; H_a=210 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: 0.84 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
				(1)	(2)	(2)	(2)	(2)	(2)																		
January	1.13	0.59	7.3	6.9	4.9	NW.	27	NW.	0	7	8	16	8	5	12	7	0	1	18	8	8	5	0	0	25	0	0
February	1.57	.75	.7	7.1	5.5	S.	31	SE.	0	4	8	16	13	7	7	3	1	2	6	7	8	2	0	0	11	0	3
March	2.33	1.05	1.3	5.4	7.1	NW.	28	NE.	0	10	9	12	8	8	5	3	0	0	0	0	0	0	0	0	7	0	1
April	3.42	1.15	8.4	6.1	7.6	NW.	32	SE.	1	7	12	11	17	12	4	4	0	0	0	0	0	0	0	0	5	0	2
May	1.46	.46	T	5.1	9.0	NW.	36	W.	2	12	10	9	12	9	1	0	1	0	0	0	0	0	1	0	0	0	7
June	1.55	.50	.0	4.3	7.6	S.	31	SE.	0	15	6	9	7	5	0	0	0	0	0	0	0	0	6	1	0	0	5
July	1.14	.45	.0	3.3	8.6	SE.	43	W.	2	19	8	4	6	5	0	0	0	0	0	0	0	0	20	10	0	0	12
August	.86	.56	.0	4.2	9.3	SE.	40	W.	1	11	15	5	7	5	0	0	0	0	0	0	0	0	8	2	0	0	9
September	.52	.34	.0	4.0	10.2	SE.	38	S.	3	14	9	7	5	3	0	0	0	0	0	0	0	0	0	0	0	0	1
October	2.84	1.04	.5	5.9	8.3	SE.	34	W.	1	9	8	14	14	12	3	1	1	3	0	0	0	0	0	0	0	0	0
November	2.16	1.30	15.2	4.4	6.8	SE.	27	S.	0	15	6	9	4	4	4	3	0	2	4	2	0	2	0	0	13	0	1
December	2.26	.77	16.4	7.3	8.2	SE.	38	S.	1	5	5	21	13	9	16	13	0	11	3	3	2	4	0	0	17	0	0
Year	21.24	13.0	49.8	5.3	7.8	SE.	43	W.	11	128	104	133	114	84	52	34	3	19	31	20	18	13	35	13	78	0	41

SAN ANTONIO, TEX.

Airport [H=567 ft.; H_b=582 ft.; H_t=7 ft.; H_r=28 ft.; H_a=63 ft.] City [H=659 ft.; H_b=693 ft.; H_t=111 ft.; H_r=103 ft.; H_a=301 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: 0.84 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	2.14	1.04	0.0	7.2	8.2	NE.	25	NE.	0	5	7	19	3	3	0	0	0	18	3	1	2	0	0	0	1	0	3
February	1.86	1.09	.1	7.4	8.5	NE.	26	S.	0	4	6	18	7	6	1	1	0	13	1	1	0	0	0	0	1	0	0
March	2.95	2.01	.0	7.6	9.4	NE.	35	NE.	1	3	10	18	9	5	0	0	1	15	5	2	3	0	0	0	0	0	5
April	4.56	2.10	.0	6.9	10.3	SE.	30	SE.	0	7	5	18	14	12	0	0	0	18	6	2	2	0	0	0	0	0	6
May	2.50	.81	.0	7.3	8.1	SE.	37	NW.	1	1	15	15	8	5	0	0	0	14	4	4	3	0	5	0	0	0	7
June	2.03	.68	.0	7.1	8.7	SE.	26	NE.	0	2	16	12	9	8	0	0	0	6	0	0	0	0	19	2	0	0	8
July	.62	.32	.0	5.7	7.3	SE.	33	SW.	1	2	23	6	5	3	0	0	0	5	1	0	0	0	29	19	0	0	5
August	.23	.17	.0	5.7	7.5	SE.	26	S.	0	3	22	6	3	2	0	0	0	6	0	0	0	0	29	25	0	0	3
September	4.88	3.74	.0	6.3	8.9	SE.	27	N.	0	1	21	8	6	5	0	0	0	5	0	0	0	0	17	9	0	0	4
October	3.13	.91	.0	7.6	7.8	SE.	28	S.	0	1	11	19	12	10	0	0	0	12	1	1	1	0	2	0	0	0	6
November	.47	.36	.0	5.3	7.0	NE.	27	NE.	0	12	5	13	6	3	0	0	0	14	0	0	0	0	0	0	1	0	1
December	.97	.49	.0	7.5	7.2	NE.	30	NW.	0	4	7	20	9	4	0	0	0	20	11	7	7	0	0	0	2	0	1
Year	26.34	3.74	.1	6.8	8.2	SE.	37	NW.	3	45	148	172	91	66	1	1	1	146	32	18	18	0	101	55	5	0	49

[1] Airport data for December.
[2] Airport data July to December, inclusive.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

SAN DIEGO, CALIF.
Airport [ϕ=32°44′ N.; λ=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.	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. (1)	In. (1)	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	29.96	30.06	30.18	29.77	54.8	51.7	60.6	62.0	52.2	48.9	53.6	55.9	65.6	49.5	57.6	71	45	50	46	48	51	49	84	83	64	69	75
February	29.89	29.98	30.17	29.61	56.4	54.3	63.0	63.9	54.2	52.1	56.8	57.6	67.5	52.3	59.9	79	48	52	50	52	53	52	87	86	69	69	78
March	29.87	29.97	30.13	29.60	58.5	56.0	66.0	66.8	55.2	52.9	57.5	58.3	70.3	53.8	62.0	82	47	53	50	51	52	52	82	82	61	61	71
April	29.86	29.95	30.03	29.52	58.4	55.1	64.7	64.9	55.1	52.3	56.6	56.8	68.5	53.3	60.9	77	46	52	50	50	51	51	81	83	61	61	72
May	29.84	29.94	29.94	29.62	63.1	60.7	71.2	72.5	59.3	57.8	62.1	62.0	75.4	59.1	67.2	86	50	57	56	56	55	56	80	84	61	57	70
June	29.86	29.95	29.97	29.74	63.0	61.6	68.8	70.0	59.6	58.7	61.8	61.8	73.1	59.8	66.4	79	55	57	57	57	57	57	82	84	68	63	74
July	29.83	29.93	29.95	29.71	65.1	63.9	71.7	73.5	62.7	61.9	64.8	65.2	76.4	62.5	69.4	79	58	61	61	61	60	61	87	89	69	64	78
August	29.96	29.95	30.01	29.71	67.2	65.6	73.0	74.0	64.2	62.8	66.1	66.4	77.5	64.0	70.8	85	58	62	61	62	62	62	85	86	70	67	77
September	29.77	29.86	29.93	29.58	64.1	62.5	71.5	72.5	61.1	59.2	63.0	64.2	75.8	60.2	68.0	81	52	59	57	58	59	58	84	82	62	64	74
October	29.85	29.94	30.06	29.58	62.3	58.8	71.2	69.5	58.3	55.3	60.9	61.4	74.5	56.6	65.6	89	50	56	53	54	56	54	80	81	57	65	71
November	29.91	30.01	30.12	29.68	58.3	54.8	68.0	68.4	54.9	51.1	57.7	60.0	74.8	52.1	63.4	90	40	52	47	49	53	50	80	77	54	62	68
December	29.93	30.02	30.14	29.52	54.6	51.7	60.4	61.0	52.2	49.2	54.2	56.2	66.4	48.7	57.6	78	44	50	47	49	53	50	85	84	68	75	78
Year	29.88	29.96	30.18	29.52	60.5	58.1	67.5	68.2	57.4	55.2	59.6	60.5	72.2	56.0	64.1	90	40	55	53	54	55	54	83	83	64	65	74

SANDUSKY, OHIO
[ϕ=41°25′ N.; λ=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
January	----	----	29.92	28.84	----	----	----	----	----	----	----	----	33.8	23.7	28.8	53	12	----	----	----	----	----	----	----	----	----	----
February	----	----	29.65	28.72	----	----	----	----	----	----	----	----	33.0	20.7	26.8	56	10	----	----	----	----	----	----	----	----	----	----
March	----	----	29.72	28.72	----	----	----	----	----	----	----	----	39.0	24.5	31.8	57	8	----	----	----	----	----	----	----	----	----	----
April	----	----	29.76	28.88	----	----	----	----	----	----	----	----	61.7	43.0	52.4	86	31	----	----	----	----	----	----	----	----	----	----
May	----	----	29.69	28.92	----	----	----	----	----	----	----	----	75.0	52.3	63.6	93	39	----	----	----	----	----	----	----	----	----	----
June	----	----	29.58	28.92	----	----	----	----	----	----	----	----	80.2	62.1	71.2	98	54	----	----	----	----	----	----	----	----	----	----
July	----	----	29.54	28.89	----	----	----	----	----	----	----	----	85.2	65.9	75.6	99	55	----	----	----	----	----	----	----	----	----	----
August	----	----	29.65	28.96	----	----	----	----	----	----	----	----	82.3	62.0	72.2	95	50	----	----	----	----	----	----	----	----	----	----
September	----	----	29.75	28.70	----	----	----	----	----	----	----	----	80.2	58.2	69.2	95	45	----	----	----	----	----	----	----	----	----	----
October	----	----	29.82	28.83	----	----	----	----	----	----	----	----	66.0	49.4	57.7	88	34	----	----	----	----	----	----	----	----	----	----
November	----	----	29.75	28.64	----	----	----	----	----	----	----	----	51.4	36.6	44.0	71	23	----	----	----	----	----	----	----	----	----	----
December	----	----	29.87	28.63	----	----	----	----	----	----	----	----	42.6	32.4	37.5	69	15	----	----	----	----	----	----	----	----	----	----
Year	----	----	29.92	28.63	----	----	----	----	----	----	----	----	60.9	44.2	52.6	99	8	----	----	----	----	----	----	----	----	----	----

SAN FRANCISCO, CALIF.
[ϕ=37°47′ N.; λ=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	29.87	30.04	30.15	29.48	----	51.2	----	57.0	----	49.0	----	51.4	58.5	49.4	54.0	67	44	----	47	----	46	47	----	86	----	69	78
February	29.72	29.89	30.06	29.06	----	52.9	----	58.0	----	50.2	----	52.7	59.8	50.9	55.4	64	46	----	48	----	48	48	----	83	----	70	77
March	29.77	29.94	30.16	29.34	----	54.4	----	61.9	----	50.7	----	53.7	64.3	52.5	58.4	75	48	----	47	----	47	47	----	78	----	60	69
April	29.79	29.96	30.10	29.29	----	51.8	----	57.8	----	48.9	----	52.1	61.0	50.6	55.8	70	44	----	46	----	47	47	----	82	----	69	75
May	29.83	30.00	30.06	29.47	----	57.0	----	63.9	----	53.5	----	56.2	66.8	55.5	61.2	89	50	----	50	----	50	50	----	79	----	64	72
June	29.80	29.96	29.92	29.63	----	55.0	----	62.9	----	53.0	----	57.0	65.7	54.4	60.0	77	51	----	51	----	53	52	----	88	----	70	79
July	29.77	29.94	29.91	29.60	----	56.2	----	61.8	----	54.8	----	57.7	64.9	55.4	60.2	71	53	----	54	----	55	54	----	92	----	78	85
August	29.82	29.99	30.02	29.62	----	57.2	----	63.0	----	55.8	----	58.3	65.9	56.5	61.2	80	53	----	55	----	57	56	----	92	----	76	84
September	29.73	29.89	29.92	29.56	----	58.7	----	65.5	----	55.3	----	58.0	69.8	57.2	63.5	87	55	----	53	----	52	52	----	82	----	65	74
October	29.81	29.98	30.09	29.48	----	56.3	----	63.3	----	52.6	----	55.1	67.2	54.4	60.8	87	50	----	49	----	48	49	----	81	----	62	72
November	29.90	30.07	30.15	29.70	----	54.5	----	61.5	----	51.7	----	54.8	64.0	52.8	58.4	78	46	----	49	----	48	49	----	83	----	66	74
December	29.83	30.00	30.12	29.47	----	51.1	----	55.1	----	48.7	----	50.5	57.9	49.0	53.4	68	41	----	46	----	46	46	----	84	----	72	78
Year	29.80	29.97	30.16	29.06	----	54.7	----	61.0	----	52.0	----	54.8	63.8	53.2	58.5	89	41	----	50	----	50	50	----	84	----	68	76

SAN JUAN, P. R.
[ϕ=18°28′ N.; λ=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	30.09	29.74	----	73.8	77.9	----	----	69.4	71.7	----	80.1	70.3	75.2	86	67	----	67	69	----	68	----	81	74	----	78
February	29.90	29.99	30.01	29.80	----	75.1	82.2	----	----	70.5	72.9	----	83.8	71.4	77.6	89	69	----	68	69	----	69	----	80	64	----	72
March	29.90	29.99	30.11	29.76	----	75.7	80.2	----	----	71.0	73.0	----	83.0	71.9	77.4	90	69	----	69	70	----	69	----	80	72	----	76
April	29.87	29.96	30.03	29.71	----	78.1	80.9	----	----	72.9	74.1	----	83.1	73.3	78.2	91	70	----	70	72	----	71	----	78	74	----	76
May	29.87	29.95	30.01	29.63	----	80.3	82.7	----	----	75.4	76.3	----	84.3	74.8	79.6	91	69	----	73	74	----	74	----	80	75	----	78
June	29.96	30.05	30.07	29.85	----	81.8	82.2	----	----	76.5	77.0	----	84.1	75.8	80.0	89	71	----	74	75	----	75	----	79	79	----	79
July	29.97	30.06	30.08	29.88	----	81.0	82.1	----	----	76.0	76.4	----	83.5	75.0	79.2	88	72	----	74	74	----	74	----	80	78	----	79
August	29.90	29.99	29.99	29.83	----	81.5	82.9	----	----	76.4	77.4	----	84.5	76.1	80.3	90	74	----	75	75	----	75	----	80	78	----	79
September	29.84	29.92	29.98	29.68	----	81.3	83.4	----	----	76.3	77.6	----	85.2	75.9	80.6	89	74	----	74	75	----	75	----	80	77	----	78
October	29.86	29.94	30.04	29.73	----	79.7	83.4	----	----	75.2	76.2	----	85.0	75.2	80.1	90	70	----	74	73	----	73	----	81	72	----	77
November	29.83	29.91	29.94	29.68	----	78.6	81.8	----	----	74.4	75.8	----	83.6	74.3	79.0	87	72	----	73	73	----	73	----	82	76	----	79
December	29.89	29.98	30.00	29.81	----	76.4	81.4	----	----	72.5	74.5	----	82.8	72.9	77.8	87	71	----	71	72	----	71	----	83	72	----	78
Year	29.90	29.98	30.11	29.63	----	78.6	81.8	----	----	73.9	75.2	----	83.6	73.9	78.8	91	67	----	72	73	----	72	----	80	74	----	77

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: San Diego, 87 feet.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

SAN DIEGO, CALIF.

Airport [H=19 ft.; H_b=28 ft.; H_t=20 ft.; H_r=18 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	0.84 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	2.03	0.73	0.0	6.2	5.3	NE.	20	S.	0	11	2	18	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0
February	5.31	1.71	.0	6.9	7.0	NE.	36	SW.	1	6	5	17	15	9	0	0	1	0	0	0	0	0	0	0	0	0	1
March	5.89	1.82	.0	5.1	7.4	W.	29	S.	0	10	9	12	11	10	0	0	1	0	0	0	0	0	0	0	0	0	4
April	3.35	1.22	.0	5.6	7.7	W.	29	SW.	0	12	5	13	10	9	0	0	0	0	0	0	0	0	0	0	0	0	1
May	T	T	.0	4.1	6.9	W.	18	NW.	0	14	11	6	0	0	0	0	0	3	2	3	1	0	0	0	0	0	0
June	T	T	.0	5.0	7.5	SW.	19	S.	0	13	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	.06	.06	.0	4.1	7.1	W.	17	NW.	0	18	8	5	2	1	0	0	0	4	1	2	0	0	0	0	0	0	0
August	.03	.03	.0	5.1	6.9	W.	17	W.	0	12	13	6	1	0	0	0	0	3	3	3	3	0	0	0	0	0	0
September	.28	.28	.0	3.6	6.5	W.	18	W.	0	12	17	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
October	2.90	1.20	.0	4.6	6.5	W.	24	S.	0	16	6	9	8	6	0	0	0	0	0	0	0	0	0	0	0	0	1
November	2.23	2.22	.0	4.0	5.3	N.	24	NE.	0	18	5	7	3	2	0	0	0	11	8	8	9	0	1	0	0	0	0
December	2.85	1.08	.0	5.7	5.9	W.	26	W.	0	11	9	11	14	10	0	0	0	8	3	2	2	0	0	0	0	0	1
Year	24.93	2.22	.0	5.0	6.7	W.	36	SW.	1	153	100	112	75	54	0	0	2	30	18	19	16	0	1	0	0	0	8

SANDUSKY, OHIO

[H=603 ft.; H_b=628 ft.; H_t=5 ft.; H_r=3 ft.; H_a=67 ft.]

January	1.30	0.26	8.1	9.3	10.0	W.	27	W.	0	0	4	27	14	7	16	9	0	2	0	0	0	15	0	0	27	0	0
February	.65	.22	6.3	7.1	11.0	SW.	28	W.	0	4	11	13	10	6	14	8	0	0	0	0	0	15	0	0	27	0	0
March	1.03	.40	3.6	6.5	9.7	SW.	29	W.	0	7	8	16	9	8	12	7	0	2	1	1	0	6	0	0	28	0	0
April	1.65	.63	.0	4.7	9.1	E.	31	SW.	0	13	9	8	9	5	0	0	0	2	1	1	1	0	0	0	1	0	2
May	3.47	.86	.0	4.2	8.3	SW.	22	W.	0	15	7	9	14	12	0	0	0	0	0	0	0	0	4	0	0	0	7
June	6.19	2.78	.0	5.6	7.6	SW.	35	W.	1	10	7	13	12	11	0	0	1	0	0	0	0	0	6	4	0	0	9
July	6.02	2.71	.0	4.5	7.1	NE.	25	W.	0	13	12	6	10	8	0	0	1	0	0	0	0	0	10	5	0	0	10
August	2.76	1.10	.0	3.9	7.5	SW.	24	W.	0	14	11	6	7	5	0	0	1	0	0	0	0	0	6	1	0	0	6
September	1.10	.55	.0	3.9	8.9	SW.	38	SW.	1	16	7	7	7	3	0	0	0	1	0	0	0	0	3	1	0	0	3
October	3.04	.92	.0	7.1	9.0	SW.	27	SW.	0	5	7	19	14	11	0	0	0	2	2	2	1	0	0	0	0	0	1
November	1.34	.64	.1	6.6	10.9	SW.	27	SW.	0	7	5	18	8	6	5	3	0	3	1	1	1	0	0	0	8	0	0
December	1.54	.60	1.0	8.6	10.3	SW.	29	SW.	0	1	7	23	11	8	8	5	0	4	2	2	2	5	0	0	16	0	1
Year	30.09	2.78	19.1	6.0	9.1	SW.	38	SW.	2	105	95	165	125	90	55	32	3	16	7	7	5	41	29	11	107	0	39

SAN FRANCISCO, CALIF.

[H=52 ft.; H_b=155 ft.; H_t=112 ft.; H_r=104 ft.; H_a=132 ft.]

January	8.24	1.16	0.0	7.3	6.3	SE.	30	SE.	0	5	7	19	16	15	0	0	0	5	2	1	1	0	0	0	0	0	1
February	6.71	1.22	.0	7.7	7.5	E.	39	S.	2	1	10	17	19	18	0	0	0	4	0	0	0	0	0	0	0	0	0
March	4.75	2.22	.0	5.8	8.3	W.	32	SE.	1	7	11	13	8	8	0	0	0	2	1	0	0	0	0	0	0	0	0
April	4.05	1.89	0	6.0	9.5	W.	29	SE.	0	9	8	13	10	9	0	0	2	1	1	0	0	0	0	0	0	0	1
May	1.18	.65	.0	6.0	9.6	W.	27	S.	0	8	9	14	7	5	0	0	0	4	1	0	0	0	0	0	0	0	1
June	.01	.01	.0	4.6	10.8	W.	31	W.	0	9	17	4	1	0	0	0	0	5	0	0	0	0	0	0	0	0	0
July	.01	.01	.0	6.1	10.5	W.	28	W.	0	6	17	8	1	0	0	0	0	5	1	0	0	0	0	0	0	0	0
August	.03	.02	.0	6.2	10.8	W.	30	W.	0	5	15	11	2	0	0	0	0	6	1	1	0	0	0	0	0	0	0
September	T	T	.0	3.1	9.3	W.	28	W.	0	17	11	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
October	.93	.83	.0	4.6	7.1	W.	26	W.	0	11	10	10	4	2	0	0	0	6	3	1	0	0	0	0	0	0	0
November	1.99	.61	.0	5.8	5.3	W.	24	SE.	0	9	9	12	8	6	0	0	0	9	6	4	4	0	0	0	0	0	0
December	7.29	1.96	T	6.7	8.0	SE.	31	SE.	0	4	13	14	19	15	1	0	0	2	1	1	1	0	0	0	0	0	2
Year	35.19	2.22	T	5.8	8.6	W.	39	S.	3	91	137	137	95	78	1	0	2	51	17	8	6	0	0	0	0	0	5

SAN JUAN, P. R.

[H=47 ft.; H_b=82 ft.; H_t=10 ft.; H_r=3 ft.; H_a=54 ft.]

January	2.29	0.58	0.0	5.0	9.8	E.	26	E.	0	12	12	7	16	12	0	0	0	0	0	0	0	0	0	0	0	0	1
February	.05	.04	.0	3.4	8.4	SE.	24	E.	0	19	7	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	2.43	1.04	.0	5.9	10.4	E.	28	NW.	0	3	21	7	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0
April	5.84	2.12	.0	6.1	10.8	E.	26	E.	0	6	14	10	14	11	0	0	0	0	0	0	0	4	0	0	0	0	10
May	7.67	2.82	.0	6.3	10.8	E.	26	NE.	0	1	18	12	16	11	0	0	0	0	0	0	0	4	0	0	0	0	8
June	5.65	2.03	0	6.3	11.3	E.	34	E.	1	2	20	8	16	10	0	0	0	0	0	0	0	0	0	0	0	0	5
July	7.06	1.18	.0	6.3	13.2	E.	31	NE.	0	3	17	11	20	15	0	0	0	0	0	0	0	0	0	0	0	0	6
August	5.59	1.65	.0	5.8	11.0	E.	26	NE.	0	4	21	6	22	13	0	0	0	0	0	0	0	1	0	0	0	0	7
September	5.05	.73	.0	5.9	10.5	E.	27	E.	0	3	22	5	19	17	0	0	0	0	0	0	0	0	0	0	0	0	9
October	6.61	2.49	.0	5.3	8.8	S.	28	NE.	0	3	24	4	18	13	0	0	0	0	0	0	0	1	0	0	0	0	9
November	5.19	1.17	.0	5.9	9.0	E.	33	N.	1	2	24	4	21	15	0	0	0	0	0	0	0	0	0	0	0	0	5
December	3.24	1.08	.0	5.1	9.2	E.	26	NE.	0	6	25	0	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0
Year	56.66	2.82	.0	5.6	10.3	E.	34	E.	2	64	225	76	196	141	0	0	0	0	0	0	0	0	10	0	0	0	60

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

SAULT STE. MARIE, MICH.

Airport [ϕ=46°28′ N.; λ=84°21′ W.] City [ϕ=46°30′ N.; λ=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
	In. (1 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2 3)	° (2 3)	° (2 3)	° (2 3)	° (2 3)	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.48	30.19	29.92	28.87	12.6	10.3	16.1	15.3	11.3	9.5	14.7	14.3	21.8	6.8	14.3	33	−9	8	6	10	10	9	82	83	74	80	80
February	29.27	29.97	29.80	28.52	15.9	12.9	21.9	20.0	15.1	12.2	19.9	19.0	25.9	10.8	18.4	41	−8	13	10	15	16	13	86	86	71	84	82
March	29.38	30.08	29.78	28.54	19.3	15.7	27.2	24.3	17.7	14.4	23.7	22.3	31.2	14.1	22.6	45	−6	13	10	16	18	14	77	77	60	74	72
April	29.41	30.09	29.77	28.66	37.9	37.1	52.0	47.5	35.4	34.8	43.0	41.2	56.9	33.9	45.4	79	21	32	31	32	33	32	78	79	50	59	66
May	29.31	29.98	29.70	28.74	46.1	47.8	60.2	54.6	43.2	44.6	50.6	47.5	63.2	42.7	53.0	83	30	40	41	41	40	40	80	78	53	60	68
June	29.30	29.97	29.60	28.93	55.9	58.7	73.0	67.0	52.1	54.3	60.9	58.5	76.9	52.7	64.8	92	36	49	51	52	52	51	79	76	51	61	67
July	29.28	29.94	29.63	28.83	58.6	61.3	74.6	67.4	56.5	58.5	64.2	60.6	77.4	53.6	65.5	92	44	55	57	58	56	56	88	85	58	69	75
August	29.31	29.98	29.67	28.74	56.1	56.1	69.0	63.2	54.4	54.4	60.0	57.6	71.9	51.0	61.4	87	37	53	53	54	54	53	90	90	60	72	78
September	29.32	29.99	29.77	28.62	53.3	52.7	61.2	56.5	51.4	51.2	55.7	53.1	65.3	47.4	56.4	83	32	50	50	52	50	50	89	91	73	81	83
October	29.34	30.02	29.79	28.68	43.0	42.0	48.9	45.5	41.6	40.6	44.5	43.0	52.1	37.6	44.8	69	24	40	39	40	40	40	89	89	72	82	83
November	29.21	29.89	29.77	28.60	33.6	32.2	36.6	34.9	31.9	31.0	33.8	32.8	39.4	29.3	34.4	64	14	30	29	30	30	30	84	88	76	80	82
December	29.30	29.99	29.88	28.61	23.2	22.6	27.6	26.4	22.0	21.8	26.1	25.3	30.5	17.0	23.8	52	−3	20	20	23	23	22	88	88	82	87	86
Year	29.33	30.01	29.92	28.52	38.0	37.4	47.4	43.6	36.0	35.6	41.4	39.6	51.0	33.1	42.1	92	−9	34	33	35	35	34	84	84	65	74	77

SAVANNAH, GA.

Airport [ϕ=32°05′ N.; λ=81°05′ W.] City [ϕ=32°04′ N.; λ=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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)				(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.08	30.15	30.42	29.70	46.5	43.2	58.4	51.0	43.6	41.1	48.9	46.3	61.6	43.8	52.7	74	31	40	38	38	40	39	78	83	50	70	70
February	29.94	30.01	30.23	29.48	41.7	38.1	54.1	47.8	38.1	35.6	43.6	41.7	57.8	38.4	48.1	69	31	33	32	29	33	32	73	78	41	60	63
March	29.97	30.04	30.28	29.46	47.6	45.8	60.8	54.0	43.9	42.4	49.7	47.5	63.5	44.8	54.2	77	27	39	38	37	40	38	73	74	44	62	63
April	30.00	30.07	30.32	29.54	60.5	61.1	76.0	66.6	57.8	58.5	62.4	59.4	78.6	59.3	69.0	89	52	56	57	53	54	55	86	86	49	66	72
May	29.98	30.04	30.24	29.68	64.9	67.3	83.0	73.7	60.7	61.7	65.2	63.9	85.2	63.8	74.5	98	54	58	58	54	58	57	79	73	39	60	63
June	29.84	30.00	30.18	29.62	73.5	76.3	86.2	78.2	70.6	72.0	73.5	72.6	88.8	72.2	80.5	100	68	69	70	68	70	69	87	81	57	78	76
July	29.94	30.01	30.14	29.76	76.5	78.4	88.6	80.8	74.4	74.9	76.9	75.2	90.9	74.5	82.7	98	70	73	73	72	73	73	90	85	60	78	78
August	29.93	29.99	30.12	29.76	77.2	78.7	90.1	81.3	74.8	75.3	77.7	76.7	92.3	75.6	84.0	98	73	74	74	73	75	74	89	86	58	82	79
September	30.01	30.07	30.23	29.84	72.2	72.0	85.1	77.2	70.1	69.7	72.8	71.9	88.6	71.3	80.0	97	62	69	69	67	70	69	90	89	56	78	78
October	30.04	30.10	30.30	29.70	68.4	66.9	81.7	72.4	66.1	65.0	70.1	68.4	84.2	67.5	75.8	94	56	65	64	64	66	65	87	90	58	82	79
November	30.03	30.10	30.36	29.58	53.6	50.6	69.4	58.9	51.3	48.7	57.6	54.4	72.2	51.4	61.8	82	36	49	47	47	50	48	85	87	48	74	73
December	30.04	30.11	30.36	29.60	50.3	48.1	62.2	54.1	47.8	46.1	53.3	50.4	65.0	47.5	56.2	79	35	45	44	44	46	45	83	85	55	77	75
Year	29.98	30.06	30.42	29.46	61.1	60.5	74.6	66.3	58.3	57.6	62.6	60.7	77.4	59.2	68.3	100	27	56	55	54	56	55	83	83	51	72	72

SCRANTON, PA.

[ϕ=41°24′ N.; λ=75°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
January	29.25	30.15	29.69	28.69	----	23.6	----	----	----	21.9	----	----	31.8	19.0	25.4	45	6	----	18	----	----	----	----	78	----	----	----
February	29.04	29.93	29.40	28.33	----	21.3	----	----	----	19.3	----	----	32.6	18.5	25.6	49	6	----	14	----	----	----	----	72	----	----	----
March	29.04	29.96	29.55	28.52	----	25.3	----	----	----	23.0	----	----	38.3	22.6	30.4	54	10	----	18	----	----	----	----	72	----	----	----
April	29.22	30.09	29.52	28.75	----	46.3	----	----	----	42.0	----	----	67.3	42.7	55.0	91	31	----	37	----	----	----	----	70	----	----	----
May	29.10	29.95	29.41	28.70	----	55.0	----	----	----	49.0	----	----	72.8	48.5	60.6	91	33	----	43	----	----	----	----	65	----	----	----
June	29.12	29.96	29.38	28.75	----	63.3	----	----	----	58.1	----	----	79.0	58.3	68.6	93	46	----	54	----	----	----	----	74	----	----	----
July	29.12	29.97	29.38	28.82	----	67.8	----	----	----	63.3	----	----	84.0	63.5	73.8	96	51	----	61	----	----	----	----	78	----	----	----
August	29.13	29.98	29.51	28.78	----	60.6	----	----	----	57.2	----	----	79.7	56.9	68.3	90	44	----	55	----	----	----	----	82	----	----	----
September	29.27	30.12	29.54	28.83	----	55.4	----	----	----	52.9	----	----	78.1	52.5	65.3	92	34	----	51	----	----	----	----	86	----	----	----
October	29.22	30.09	29.70	28.80	----	50.8	----	----	----	47.3	----	----	65.5	47.4	56.4	89	32	----	44	----	----	----	----	78	----	----	----
November	29.16	30.04	29.61	28.51	----	38.6	----	----	----	35.8	----	----	53.4	36.2	44.8	69	23	----	32	----	----	----	----	77	----	----	----
December	29.21	30.06	29.68	28.44	----	32.0	----	----	----	29.7	----	----	41.3	27.4	34.4	63	10	----	26	----	----	----	----	76	----	----	----
Year	29.16	30.03	29.70	28.33	----	45.0	----	----	----	41.6	----	----	60.3	41.1	50.7	96	6	----	38	----	----	----	----	76	----	----	----

SEATTLE, WASH.

Airport [ϕ=47°32′ N.; λ=122°19′ W.] City [ϕ=47°36′ N.; λ=122°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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.82	29.96	30.24	29.32	41.9	39.6	42.7	48.6	40.0	38.4	40.4	44.7	51.3	40.5	45.9	60	29	38	37	38	40	38	86	90	84	75	84
February	29.78	29.91	30.13	29.21	44.5	41.3	46.5	52.4	41.6	39.1	42.4	46.2	55.1	41.4	48.2	66	33	38	36	38	39	38	80	85	73	63	75
March	29.87	30.01	30.43	29.11	48.2	42.8	53.1	60.7	45.0	41.5	47.2	50.3	61.6	44.6	53.1	75	36	41	40	41	40	40	78	90	65	48	71
April	29.83	29.97	30.14	29.29	50.2	45.3	55.5	62.1	46.9	43.8	49.5	51.4	63.7	46.4	55.0	83	40	44	42	44	41	43	78	89	66	49	71
May	29.85	29.98	30.35	29.42	53.5	49.2	58.3	63.8	49.8	47.2	51.4	53.6	65.2	50.0	57.6	80	43	46	45	45	45	46	78	86	63	52	70
June	29.89	30.02	30.14	29.64	58.3	53.0	62.9	68.3	54.4	51.4	55.9	58.1	70.4	54.0	62.2	90	49	51	50	50	51	51	78	90	54	56	72
July	29.90	30.03	30.14	29.65	65.7	58.8	70.4	79.1	59.4	56.3	61.2	64.1	80.0	59.1	69.6	100	54	55	54	55	55	55	70	86	60	44	65
August	29.88	30.02	30.10	29.67	62.6	56.9	65.4	73.3	58.2	55.3	59.3	62.0	73.7	57.3	65.5	88	53	55	54	55	55	55	78	91	71	55	74
September	29.85	29.99	30.22	29.50	55.7	52.2	59.5	63.0	53.6	51.0	55.1	56.6	64.8	53.0	58.9	74	45	52	50	52	52	51	87	92	76	68	81
October	29.93	30.06	30.25	29.62	50.6	49.1	53.6	58.5	49.1	48.0	50.9	53.1	60.0	49.3	54.6	70	40	48	47	49	49	48	90	93	84	71	85
November	29.92	30.05	30.42	29.34	46.1	44.8	48.8	51.0	44.8	43.7	46.3	47.7	53.9	44.3	49.1	63	34	43	43	44	44	44	91	92	84	80	87
December	29.76	29.90	30.38	28.86	42.9	41.4	43.0	45.6	40.4	39.3	40.2	41.6	48.3	39.5	43.9	59	27	37	36	36	36	36	80	83	78	71	78
Year	29.86	29.99	30.43	28.86	51.7	47.9	55.0	60.5	48.6	46.2	50.0	52.4	62.3	48.3	55.3	100	27	46	44	46	46	45	81	89	72	61	76

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Sault Ste. Marie, 614 feet; Savannah, 65 feet; Seattle, 125 feet.
[2] Airport data.
[3] Airport data beginning with July.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

SAULT STE. MARIE, MICH.

Airport [H=721 ft.; H_b=724 ft.; H_t=11 ft.; H_r=8 ft.; H_a=43 ft.] City [H=607 ft.; H_b=614 ft.; H_t=11 ft.; H_r=3 ft.; H_a=52 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: 0.84 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.																				
	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
January	1.09	0.31	14.5	7.9	7.5	SE.	21	E.	0	3	8	20	14	8	25	14	0	11	2	1	1	29	0	0	31	9	0
February	1.23	.39	17.5	7.9	8.9	NW.	34	NW.	1	4	3	21	13	10	19	12	0	9	2	2	1	20	0	0	27	6	0
March	.41	.29	4.5	5.5	8.3	NW.	36	NW.	2	12	8	11	5	2	11	5	0	7	1	0	0	15	0	0	31	3	0
April	3.06	1.24	.1	5.9	6.7	W.	30	NW.	0	9	9	12	12	7	2	1	0	11	3	0	2	1	0	0	15	0	3
May	2.79	1.33	.0	6.1	7.3	SE.	26	NW.	0	9	10	12	14	10	0	0	0	13	3	2	4	0	0	0	1	0	4
June	1.18	.49	.0	6.4	6.0	W.	22	NW.	0	6	12	12	8	6	0	0	0	9	1	1	0	0	1	0	0	0	3
July	4.35	1.27	.0	6.6	9.1	W.	29	SW.	0	7	7	17	10	9	0	0	1	19	2	2	1	0	2	0	0	0	3
August	4.11	1.60	.0	6.5	9.5	NW.	34	W.	3	4	13	14	10	8	0	0	0	21	2	3	2	0	0	0	0	0	3
September	6.49	1.70	.0	7.4	11.7	E.	41	NW.	9	5	5	20	14	14	0	0	0	16	7	4	5	0	0	0	1	0	4
October	5.63	1.50	2.7	8.3	11.6	E.	46	SW.	6	2	4	25	14	13	3	2	0	20	3	5	1	0	0	0	5	0	0
November	2.46	1.08	13.7	8.7	11.2	NW.	38	NW.	4	2	4	24	15	11	16	11	0	12	2	1	1	2	0	0	22	0	0
December	2.93	.74	15.4	9.1	12.3	E.	40	W.	6	1	3	27	20	13	20	17	0	11	5	4	5	18	0	0	28	1	0
Year	35.73	1.70	68.4	7.2	9.2	NW.	46	SW.	31	64	86	215	149	111	96	62	1	159	33	25	22	85	3	0	161	19	20

SAVANNAH, GA.

Airport [H=42 ft.; H_b=50 ft.; H_t=18 ft.; H_r=28 ft.; H_a=38 ft.] City [H=42 ft.; H_b=65 ft.; H_t=73 ft.; H_r=71 ft.; H_a=152 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: 0.84 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	0.53	0.35	0.0	5.3	9.8	E.	24	N.	0	11	7	13	5	3	0	0	0	8	4	4	4	0	0	0	2	0	0
February	2.04	.76	.0	4.9	10.6	NW.	35	W.	1	11	7	10	9	9	0	0	0	5	0	0	0	0	0	0	3	0	0
March	2.54	1.18	.0	5.8	12.3	NW.	32	NW.	1	8	12	11	12	8	0	0	0	0	0	0	0	0	0	0	1	0	1
April	1.89	1.55	.0	5.6	10.7	SW.	29	E.	0	10	7	13	7	3	0	0	0	3	0	0	0	0	0	0	0	0	2
May	.43	.43	.0	2.4	10.5	SW.	29	E.	0	21	8	2	1	1	0	0	0	2	1	0	0	0	8	2	0	0	0
June	12.28	3.71	.0	6.7	9.2	SW.	29	SW.	0	6	7	17	21	19	0	0	1	0	0	0	0	0	15	3	0	0	18
July	10.83	3.90	.0	5.7	8.5	SW.	25	SW.	0	8	14	9	16	14	0	0	0	0	0	0	0	0	19	3	0	0	14
August	4.43	2.41	.0	5.5	9.3	W.	28	NW.	0	8	14	9	11	9	0	0	0	2	0	0	0	0	25	8	0	0	12
September	1.26	.58	.0	4.4	9.4	NE.	30	SE.	0	14	7	9	6	5	0	0	0	5	2	2	2	0	12	2	0	0	3
October	2.36	1.11	.0	5.3	9.5	SE.	34	SW.	1	11	9	11	6	4	0	0	0	6	3	2	1	0	5	0	0	0	0
November	1.82	1.15	.0	4.3	9.2	NE.	25	N.	0	14	7	9	6	4	0	0	0	3	0	0	0	0	0	0	0	0	1
December	4.89	1.99	.0	5.7	9.6	NW.	30	NW.	0	12	4	15	9	7	0	0	0	5	3	3	2	0	0	0	0	0	0
Year	45.30	3.90	.0	5.1	9.9	SW.	35	W.	3	134	103	128	109	86	0	0	1	39	13	11	9	0	84	18	6	0	51

SCRANTON, PA.

[H=746 ft.; H_b=805 ft.; H_t=72 ft.; H_r=64 ft.; H_a=104 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: 0.84 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	1.49	.65	16.1	7.3	6.9	N.	24	NW.	0	5	6	20	12	7	22	9	0	2	0	0	0	16	0	0	29	0	0
February	1.12	.56	4.1	6.3	8.0	NW.	24	NW.	0	7	7	14	8	4	18	7	0	0	0	0	0	17	0	0	27	0	0
March	1.64	.50	20.7	6.0	7.9	NW.	32	NW.	2	8	10	13	10	8	18	8	0	3	0	0	0	7	0	0	28	0	0
April	1.52	.77	T	3.5	6.9	N.	27	NW.	0	17	7	6	9	7	1	0	0	0	0	0	0	0	1	0	4	0	2
May	1.95	.89	.0	4.8	6.7	N.	29	NW.	0	10	15	6	12	10	0	0	0	1	0	0	0	0	2	0	0	0	4
June	4.61	1.23	.0	5.2	6.1	SW.	26	NE.	0	12	5	13	14	10	0	0	1	1	1	0	0	0	2	0	0	0	5
July	3.45	1.33	.0	5.8	5.7	SW.	27	N.	0	7	15	9	15	11	0	0	0	1	0	0	0	0	7	1	0	0	9
August	4.93	1.82	.0	4.4	6.2	N.	25	NW.	0	12	15	4	9	8	0	0	0	3	0	1	0	0	0	0	0	0	6
September	1.00	.85	.0	3.5	6.3	N.	35	NW.	1	16	12	2	4	2	0	0	2	4	1	0	0	0	3	0	0	0	1
October	2.18	.80	.0	6.0	6.9	SW.	28	SW.	0	8	13	10	14	8	0	0	1	8	0	3	1	0	0	0	1	0	0
November	1.92	.70	T	5.7	6.5	SW.	31	NW.	0	8	9	13	6	5	4	0	0	7	0	0	0	0	0	0	6	0	1
December	1.47	.63	.2	7.2	7.4	SW.	31	SW.	0	3	13	15	8	4	16	2	0	6	1	0	2	7	0	0	24	0	1
Year	27.26	1.82	41.1	5.5	6.8	N.	35	NW.	3	113	127	125	121	84	79	26	4	36	3	4	3	47	15	1	119	0	29

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.]

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: 0.84 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	5.16	1.73	T	8.1	8.0	SE.	35	S.	1	2	6	23	17	14	1	0	0	4	1	2	2	0	0	0	2	0	0
February	1.46	.37	0.0	6.5	7.4	N.	35	S.	1	10	1	17	11	9	0	0	1	8	6	3	3	0	0	0	0	0	0
March	1.48	.50	.0	5.2	8.1	N.	31	SW.	0	13	7	11	9	7	0	0	0	10	4	0	1	0	0	0	0	0	0
April	1.87	.73	.0	6.1	7.8	N.	32	SW.	1	8	7	15	12	9	0	0	1	4	3	1	0	0	0	0	0	0	1
May	3.36	1.08	.0	7.2	10.8	S.	41	SW.	5	5	8	18	17	12	0	0	0	0	0	0	0	0	0	0	0	0	1
June	.98	.27	.0	7.1	8.1	S.	34	SW.	1	4	10	16	11	9	0	0	0	4	2	0	0	0	1	0	0	0	2
July	.36	.21	.0	3.8	7.1	N.	20	S.	0	16	11	4	3	3	0	0	0	5	0	0	0	0	5	3	0	0	3
August	2.03	.51	.0	6.0	6.7	S.	23	S.	0	9	7	15	9	8	0	0	1	5	2	0	0	0	0	0	0	0	1
September	3.03	1.15	.0	7.7	8.6	S.	34	S.	3	4	3	23	13	10	0	0	0	10	3	2	2	0	0	0	0	0	3
October	2.39	.93	.0	7.7	8.7	S.	27	S.	0	1	15	15	13	9	0	0	0	18	7	5	2	0	0	0	0	0	3
November	5.56	1.84	.0	7.8	8.4	SE.	40	S.	5	2	9	19	15	11	0	0	0	17	6	3	1	0	0	0	0	0	1
December	7.08	1.59	.0	7.6	11.1	SE.	42	SW.	5	5	3	23	19	16	0	0	1	7	2	1	0	0	0	0	2	0	1
Year	34.76	1.84	T	6.7	8.4	SE.	42	SW.	22	79	87	199	149	117	1	0	4	92	36	17	11	0	6	3	4	0	16

[1] Airport data beginning with July.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

SHERIDAN, WYO.
Airport [ϕ=44°46′ N.; λ=106°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.	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. (1)	In. (1)	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	26.14	30.17	26.47	25.72	20.9	19.2	29.2	27.2	19.6	17.8	25.7	24.5	37.5	13.2	25.4	57	−3	17	15	20	20	18	84	83	68	74	77
February	26.10	30.09	26.38	25.47	25.7	21.6	34.1	35.3	23.8	20.1	29.2	30.6	43.1	17.4	30.2	63	4	21	17	22	24	21	80	83	62	63	72
March	26.12	30.09	26.56	25.72	29.0	25.4	39.7	41.2	27.0	23.9	33.3	34.6	46.4	22.2	34.3	68	−3	24	22	24	26	24	81	85	57	58	70
April	26.03	29.93	26.31	25.57	38.4	35.0	48.2	49.5	36.2	33.4	41.3	41.9	54.2	32.3	43.2	68	22	34	31	34	33	33	83	86	60	58	71
May	26.03	29.87	26.57	25.62	50.2	46.1	64.0	65.9	45.1	42.3	51.3	52.3	71.4	41.7	56.6	93	33	40	38	40	41	40	71	75	45	43	58
June	26.06	29.86	26.30	25.77	58.3	53.8	71.3	72.3	52.3	49.9	57.0	56.8	77.0	50.6	63.8	96	40	48	47	47	46	47	71	78	45	43	59
July	26.15	29.94	26.36	25.91	65.2	59.9	80.4	81.5	57.4	54.5	61.5	61.8	86.7	57.9	72.3	99	50	52	51	49	50	51	65	73	36	36	53
August	26.14	29.93	26.35	25.90	65.3	58.6	78.2	78.9	56.4	53.1	60.8	60.4	84.1	56.9	70.5	100	45	50	49	49	48	49	60	72	39	38	52
September	26.04	29.90	26.41	25.70	50.1	44.6	60.1	60.7	45.1	41.4	49.0	49.3	66.5	41.4	54.0	88	29	41	38	39	40	40	73	80	37	53	61
October	26.14	30.06	26.50	25.79	39.5	35.1	50.0	50.9	36.2	33.0	42.1	42.8	37.4	31.3	44.4	73	8	32	30	33	34	33	77	84	55	56	68
November[3]	26.10	30.06	26.49	25.64	33.1	30.7	43.4	38.6	29.4	27.8	36.0	33.4	50.5	25.4	38.0	68	−5	24	23	26	26	25	70	75	52	62	65
December	26.03	30.03	26.41	25.46	23.3	21.5	28.8	25.7	21.0	19.4	25.1	23.1	36.2	14.2	25.2	71	−14	18	16	20	19	18	80	81	72	79	78
Year	26.09	30.00	26.57	25.46	41.6	37.6	52.3	52.3	37.5	34.7	42.7	42.6	59.2	33.7	46.5	100	−14	33	31	34	34	33	75	80	52	55	65

SHREVEPORT, LA.
Airport [ϕ=32°32′ N.; λ=93°40′ W.] City [ϕ=32°30′ N.; λ=93°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
January	(1 2) 29.90	(1) 30.17	(1 2) 30.31	(1 2) 29.25	(2) 46.6	(2) 43.2	(2) 53.9	(2) 53.1	(2) 44.0	(2) 41.7	(2) 47.8	(2) 47.4	(2) 60.0	(2) 42.5	(2) 51.2	(2) 70	(2) 28	(2) 41	(2) 39	(2) 41	(2) 41	(2) 41	(2) 81	(2) 86	(2) 63	(2) 65	(2) 74
February	29.82	30.09	30.15	29.28	44.2	40.3	50.3	51.4	41.2	38.0	43.7	43.9	55.2	39.4	47.3	70	31	38	35	36	37	36	78	81	61	64	71
March	29.79	30.06	30.20	29.40	49.5	44.8	55.8	57.2	45.2	41.9	48.2	48.9	61.9	44.3	53.1	80	34	40	38	40	40	40	72	78	57	55	66
April	29.71	29.97	30.06	29.27	62.3	58.7	73.2	72.0	58.1	56.2	62.7	62.0	77.0	58.6	67.8	85	47	55	54	56	56	55	78	86	56	58	70
May	29.72	29.99	29.96	29.34	69.8	66.8	80.5	79.4	65.9	64.5	69.6	68.9	83.9	66.1	75.0	91	57	64	63	64	63	64	82	88	59	60	72
June	29.70	29.96	29.89	29.47	74.0	72.5	85.1	83.8	71.1	70.0	74.2	74.0	88.6	70.7	79.6	94	63	70	69	70	70	70	87	89	61	64	75
July	29.71	29.97	29.89	29.53	77.1	75.5	88.4	86.8	74.1	73.5	77.8	77.1	93.5	74.2	83.8	99	69	73	73	74	73	73	88	91	63	65	77
August	29.72	29.98	29.87	29.56	78.0	75.8	90.5	87.8	74.7	73.9	78.3	77.8	94.0	75.2	84.6	98	70	74	73	74	74	74	87	92	59	65	75
September	29.71	29.97	29.96	28.98	74.0	70.8	86.5	82.1	71.1	69.4	75.3	74.2	88.7	70.6	79.6	95	57	70	69	71	71	70	87	93	60	69	77
October	29.78	30.04	30.07	29.42	68.2	65.9	79.0	73.3	66.5	64.8	72.3	67.9	82.7	63.5	73.1	93	44	66	64	65	65	65	91	94	65	76	81
November	29.87	30.14	30.33	29.48	48.2	44.3	61.3	56.7	46.3	43.4	52.5	51.4	65.0	42.1	53.6	82	28	44	42	45	47	44	87	94	56	70	77
December	29.83	30.10	30.28	29.28	47.4	44.6	54.8	53.3	45.4	43.5	49.9	48.8	59.9	41.0	50.4	74	28	43	42	45	44	44	85	92	71	73	80
Year	29.77	30.04	30.33	28.98	61.6	58.6	71.6	69.7	58.6	56.7	62.7	61.9	75.9	57.4	66.6	99	28	56	55	57	57	56	84	89	61	65	75

SIOUX CITY, IOWA
Airport [ϕ=42°25′ N.; λ=96°22′ W.] City [ϕ=42°30′ N.; λ=96°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	(1 2) 28.94	(2) 30.22	(1 2) 29.41	(1 2) 28.51	(2) 20.4	(2) 19.0	(2) 25.7	(2) 24.6	(2) 19.7	(2) 18.4	(2) 23.9	(2) 23.2	(4) 31.8	(4) 15.3	(4) 23.6	(4) 56	(4) −4	(3) 18	(3) 17	(3) 20	(3) 20	(3) 19	(3) 88	(3) 90	(3) 78	(3) 83	(3) 85
February	28.90	30.18	29.34	28.06	20.4	16.7	25.0	25.3	19.4	15.9	22.6	23.3	30.5	13.6	22.0	44	−7	17	13	17	19	16	84	86	69	75	79
March	28.87	30.13	29.29	28.19	30.5	27.3	36.6	37.3	29.0	26.2	32.6	33.5	42.2	26.4	34.3	69	5	26	24	26	28	26	83	87	67	68	76
April	28.73	29.95	29.15	28.24	48.8	46.0	58.6	58.5	45.8	43.7	50.8	51.0	61.5	44.8	53.2	77	32	43	41	43	44	43	81	84	62	63	73
May	28.72	29.92	29.26	28.18	60.7	58.0	73.1	73.8	55.9	54.5	61.1	60.9	78.2	55.8	67.0	95	40	52	52	52	52	52	74	80	51	48	64
June	28.69	29.88	29.02	28.38	64.7	62.9	75.8	75.5	61.5	60.4	66.8	66.2	79.7	60.3	70.0	94	49	60	59	62	61	61	84	88	65	64	75
July	28.76	29.94	29.05	28.46	70.0	66.5	82.0	83.6	65.5	63.5	69.9	70.4	87.1	63.7	75.4	101	53	63	62	64	64	63	80	85	56	53	69
August	28.76	29.95	29.05	28.34	69.5	65.4	82.8	83.2	64.3	62.1	69.1	68.9	87.3	63.0	75.2	99	48	62	60	62	62	61	76	84	51	49	65
September	28.71	29.92	29.20	28.29	60.9	58.0	72.1	69.6	56.9	55.6	62.1	60.5	76.5	53.9	65.2	89	34	54	54	56	54	54	80	87	59	61	72
October	28.80	30.03	29.26	28.10	48.8	45.6	59.8	56.6	46.7	44.1	52.2	51.2	64.3	41.8	53.0	82	20	45	42	45	46	45	86	89	62	70	77
November	28.79	30.03	29.12	28.35	33.9	32.0	45.0	40.7	32.3	30.7	39.2	36.9	50.0	27.3	38.6	73	9	30	29	32	32	31	85	87	62	71	76
December	28.79	30.04	29.36	28.09	27.0	25.4	35.0	31.8	25.4	24.3	31.4	29.2	38.7	19.4	29.0	60	−2	23	22	26	25	24	83	87	72	76	80
Year	28.79	30.02	29.41	28.06	46.3	43.6	56.0	55.0	43.5	41.6	48.5	47.9	60.6	40.4	50.5	101	−7	41	40	42	42	41	82	86	63	65	74

SPOKANE, WASH.
Airport [ϕ=47°40′ N.; λ=117°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
January	(1) 28.01	30.10	(1) 28.45	(1) 27.48	30.7	29.6	32.3	35.2	29.8	28.9	30.9	33.3	37.9	26.0	32.0	48	15	29	28	29	31	29	92	94	88	84	89
February	27.95	30.02	28.30	27.45	34.9	31.8	37.8	45.3	33.3	30.9	35.1	39.5	47.2	29.6	38.4	59	22	31	30	32	33	31	86	92	78	63	80
March	27.98	30.04	28.43	27.43	40.5	36.2	47.7	56.6	37.4	34.0	41.2	45.0	58.1	33.1	45.6	72	23	34	31	34	32	32	76	82	60	41	65
April	27.88	29.92	28.17	27.39	47.9	41.4	57.5	63.1	42.9	38.8	47.1	48.7	64.9	38.8	51.8	80	28	38	36	37	34	36	68	82	48	38	59
May	27.90	29.93	28.32	27.58	53.0	47.4	58.6	64.2	48.2	44.7	50.1	52.0	66.6	44.8	55.7	89	34	44	42	43	42	43	73	82	58	48	65
June	27.92	29.92	28.18	27.66	59.1	53.1	65.9	70.7	53.6	50.3	55.1	56.6	74.0	51.1	62.6	93	44	50	48	47	46	48	72	84	54	46	64
July	27.94	29.92	28.13	27.72	70.3	60.3	79.8	87.4	58.9	55.0	61.9	63.2	89.2	58.5	73.8	104	51	52	51	51	48	50	53	74	37	26	47
August	27.96	29.96	28.12	27.80	64.3	57.2	72.6	79.0	56.2	53.1	59.7	60.3	81.8	55.2	68.5	96	46	51	50	52	48	50	63	78	50	36	57
September	27.91	29.94	28.26	27.61	52.7	48.6	58.4	62.7	48.7	46.0	51.1	51.9	65.3	45.9	55.6	77	34	45	44	45	43	44	77	84	63	50	68
October	28.01	30.06	28.32	27.72	45.2	41.5	49.5	54.7	42.3	39.8	44.9	47.6	56.9	38.1	47.5	70	28	39	38	40	41	40	81	88	72	62	76
November	28.04	30.11	28.41	27.54	38.5	36.1	41.9	45.3	36.7	34.7	38.9	41.6	48.6	31.9	40.2	58	20	35	33	36	38	35	86	89	79	75	82
December	27.89	29.97	28.36	27.19	33.5	32.7	34.7	35.5	31.9	31.1	32.5	33.3	40.0	27.4	33.7	58	2	30	29	29	30	30	87	86	80	80	83
Year	27.95	29.99	28.45	27.19	47.6	43.0	53.1	58.3	43.3	40.6	45.7	47.8	60.9	40.0	50.4	104	2	40	38	40	39	39	76	85	64	54	70

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Sheridan, 3,790 feet; Shreveport, 249 feet; Sioux City, 1,138 feet; Spokane, 1,929 feet.
[2] Airport data.
[3] Airport data beginning with October 7.
[4] Airport data beginning with May.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

SHERIDAN, WYO.

Airport [H=3,949 ft.; H_b=3,968 ft.; H_t=6 ft.; H_r=3 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: 0.84 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	0.19	0.17	4.4	6.1	4.9	NW.	25	NW.	0	10	7	14	4	2	11	4	0	6	3	2	2	13	0	0	31	4	0
February	.10	.07	2.6	4.9	6.3	NW.	29	NW.	0	11	9	8	4	1	6	4	0	0	0	0	0	4	0	0	28	0	0
March	.42	.15	5.1	7.3	8.8	NW.	40	NW.	4	4	6	21	11	3	13	8	0	3	1	1	1	5	0	0	28	1	0
April	3.87	2.04	2.2	7.4	10.4	NW.	41	NW.	4	3	9	18	16	12	10	5	2	3	2	0	1	0	0	0	16	0	2
May	1.52	.62	T	6.2	8.9	NW.	38	SE.	6	5	13	13	10	8	2	0	2	1	0	1	1	0	1	0	0	0	8
June	1.37	.70	.0	6.2	11.4	NW.	38	NW.	6	6	15	9	11	6	0	0	2	1	0	0	0	0	6	2	0	0	5
July	1.94	.82	.0	4.9	7.4	NW.	36	NW.	1	11	15	5	9	6	0	0	0	0	0	0	0	0	12	3	0	0	14
August	1.15	.48	.0	5.8	8.3	NW.	34	NW.	4	4	22	5	9	6	0	0	1	0	0	0	0	0	7	4	0	0	9
September	2.04	.55	3.2	6.8	9.2	NW.	53	NW.	6	5	8	17	16	11	1	1	1	4	0	0	0	0	0	0	4	0	4
October	1.30	.59	4.4	6.0	7.7	NW.	38	NW.	3	10	7	14	8	5	5	3	0	2	0	0	0	1	0	0	15	0	0
November	.48	.20	5.5	5.8	9.0	NW.	40	NW.	8	7	11	12	5	3	7	4	0	0	0	0	0	3	0	0	25	1	0
December	.86	.40	9.9	7.4	7.3	NW.	43	NW.	4	3	10	18	9	6	13	9	0	2	1	0	1	13	0	0	31	4	0
Year	15.18	2.04	37.3	6.2	8.3	NW.	53	NW.	46	79	132	154	112	69	68	38	8	22	7	4	6	39	26	9	178	10	42

SHREVEPORT, LA.

Airport [H=173 ft.; H_b=191 ft.; H_t=17 ft.; H_r=17 ft.; H_a=55 ft.] City [H=197 ft.; H_b=249 ft.; H_t=92 ft.; H_r=90 ft.; H_a=227 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: 0.84 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	3.57	1.89	T	6.3	10.2	S.	44	SW.	2	7	9	15	10	7	1	0	0	5	1	1	1	0	0	0	3	0	5
February	3.84	1.93	T	6.5	11.2	NE.	36	S.	2	8	4	16	10	9	1	0	0	7	0	0	0	0	0	0	2	0	0
March	3.69	2.12	T	6.5	12.3	N.	34	S.	1	7	9	15	8	6	1	0	0	5	0	0	0	0	0	0	0	0	3
April	2.49	.75	0.0	6.4	12.3	S.	30	S.	0	5	10	15	10	7	0	0	1	2	0	0	0	0	0	0	0	0	3
May	8.52	4.39	.0	5.5	10.0	S.	29	NE.	0	11	8	12	8	7	0	0	0	2	0	0	0	0	4	0	0	0	3
June	4.26	1.82	.0	5.5	9.5	S.	33	E.	1	6	18	6	9	8	0	0	0	0	0	0	0	0	17	0	0	0	9
July	4.00	1.70	.0	5.0	8.3	SW.	36	SE.	3	10	13	8	8	8	0	0	0	4	1	1	0	0	26	13	0	0	16
August	1.90	.73	.0	5.1	8.4	SW.	34	SW.	1	8	15	8	8	7	0	0	0	0	0	0	0	0	29	14	0	0	11
September	2.77	1.29	.0	5.1	10.2	NE.	40	SE.	1	10	10	10	9	7	0	0	0	1	0	0	0	0	12	0	0	0	4
October	8.83	5.11	.0	6.0	9.8	SE.	31	W.	0	7	11	13	10	8	0	0	0	10	2	1	1	0	7	0	0	0	8
November	4.10	2.19	.0	4.3	9.8	SE.	31	NW.	0	11	13	6	5	5	0	0	0	16	5	3	6	0	0	0	2	0	2
December	3.37	1.11	.0	6.5	10.0	SE.	38	W.	2	5	12	14	8	7	0	0	0	16	6	5	7	0	0	0	3	0	3
Year	51.34	5.11	T	5.7	10.2	S.	44	SW.	13	95	132	138	103	86	3	0	1	68	15	11	15	0	95	27	10	0	67

SIOUX CITY, IOWA

Airport [H=1,095 ft.; H_b=1,103 ft.; H_t=5 ft.; H_r=3 ft.; H_a=27 ft.] City [H=1,111 ft.; H_b=1,138 ft.; H_t=64 ft.; H_r=57 ft.; H_a=106 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: 0.84 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	0.90	0.34	6.2	6.6	9.1	NW.	32	NW.	1	7	8	16	9	6	14	6	0	8	5	3	3	18	0	0	31	1	0
February	.71	.58	2.3	6.6	10.8	NW.	38	N.	2	6	6	16	5	5	11	4	0	4	2	0	0	13	0	0	27	3	0
March	.58	.23	2.3	6.8	9.8	NW.	40	NW.	1	6	9	16	8	5	12	6	0	4	0	0	0	2	0	0	25	0	0
April	3.76	1.40	.0	7.8	10.5	S.	32	NW.	1	3	6	21	18	10	0	0	0	4	2	2	1	0	0	0	1	0	2
May	1.97	1.25	.0	6.3	10.9	S.	35	SW.	4	3	15	13	12	7	0	0	1	3	1	0	1	0	4	1	0	0	12
June	6.42	1.98	.0	6.5	10.3	S.	35	E.	1	7	8	15	12	10	0	0	0	10	2	2	2	0	8	0	0	0	5
July	2.31	1.20	.0	5.1	7.0	SE.	37	N.	1	11	10	10	7	7	0	0	1	2	1	1	1	0	14	6	0	0	8
August	1.26	.99	.0	4.4	7.8	SE.	23	N.	0	14	11	6	7	6	0	0	0	2	0	1	0	0	13	5	0	0	3
September	7.49	1.85	.0	5.4	10.8	SE.	29	S.	0	12	6	12	11	8	0	0	1	7	2	0	2	0	0	0	0	0	8
October	2.99	1.08	.2	6.4	8.6	SE.	35	NW.	2	6	11	14	12	7	1	1	0	12	4	3	1	0	0	0	3	0	5
November	1.73	1.55	.3	6.3	9.3	NW.	30	S.	0	9	7	14	5	5	6	2	1	9	4	1	1	2	0	0	22	0	2
December	.84	.42	9.0	7.1	10.6	SE.	34	NW.	1	4	9	18	10	7	11	8	0	14	4	5	3	11	0	0	27	1	0
Year	30.96	1.98	20.3	6.3	9.6	SE.	40	NW.	14	88	106	171	116	83	55	27	4	79	27	18	15	46	39	12	136	5	45

SPOKANE, WASH.

Airport [H=1,955 ft.; H_b=1,968 ft.; H_t=27 ft.; H_r=25 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: 0.84 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	1.61	.45	8.1	8.7	4.4	NE.	19	S.	0	1	7	23	12	8	13	9	0	22	13	10	11	6	0	0	28	0	0
February	.83	.29	2.0	7.0	4.4	E.	17	SE.	0	6	6	16	9	6	3	2	0	13	4	3	3	0	0	0	20	0	0
March	.69	.19	.0	5.5	6.3	NE.	34	SW.	1	9	13	9	7	5	0	0	1	4	3	3	2	0	0	0	15	0	1
April	.32	.10	.0	5.7	6.7	NE.	26	SW.	0	10	7	13	6	5	0	0	2	1	1	0	0	0	0	0	4	0	0
May	3.18	.96	.0	7.2	7.9	S.	29	S.	0	5	6	20	17	14	0	0	0	3	0	0	0	0	0	0	0	0	5
June	2.55	1.30	.0	7.1	6.8	S.	29	SW.	0	3	12	15	13	11	0	0	0	3	0	0	0	0	2	0	0	0	4
July	.09	.06	.0	3.4	6.9	NE.	32	SW.	1	16	13	2	3	1	0	0	1	0	0	0	0	0	11	5	0	0	3
August	1.85	.56	.0	5.9	5.8	NE.	27	S.	0	9	7	15	13	10	0	0	0	1	0	0	0	0	9	2	0	0	8
September	1.36	.30	.0	7.1	6.6	S.	29	NW.	0	4	12	14	10	7	0	0	1	4	1	1	2	0	0	0	0	0	2
October	.85	.31	.0	7.6	5.3	NE.	25	SW.	0	1	12	18	10	7	0	0	0	17	8	6	9	0	0	0	5	0	0
November	1.63	.49	1.8	7.8	5.4	NE.	26	SE.	0	3	6	21	9	7	3	2	0	17	8	6	8	0	0	0	16	0	0
December	2.78	.99	6.8	8.1	6.5	SW.	30	SW.	0	3	6	22	19	16	13	9	0	18	3	5	5	6	0	0	23	0	0
Year	17.74	1.30	18.7	6.8	6.1	NE.	34	SW.	2	70	107	188	128	97	32	22	5	103	41	34	40	12	22	7	111	0	23

[1] Airport data beginning with November.
[2] Airport data beginning with May.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

SPRINGFIELD, ILL.
Airport [ϕ=39°48′ N.; λ=89°39′ W.] City [ϕ=39°48′ N.; λ=89°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
	In. (1 2)	In. (2)	In. (1 2)	In. (1 2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.47	30.18	29.87	28.77	28.1	26.2	32.1	30.5	27.2	25.5	30.0	29.2	36.8	25.0	30.9	55	5	26	24	26	27	26	90	91	79	86	86
February	29.40	30.11	29.79	28.73	25.6	21.5	31.5	29.0	24.2	20.5	28.1	26.6	36.4	21.8	29.1	59	5	21	18	22	22	21	82	85	66	74	77
March	29.39	30.10	29.85	28.72	31.4	29.1	41.6	39.7	29.4	27.8	35.8	34.8	46.9	29.0	38.0	66	11	26	26	27	28	27	80	86	58	63	72
April	29.34	30.02	29.78	28.86	50.8	48.7	63.1	60.8	48.1	46.6	54.3	53.7	67.8	48.8	58.3	89	38	46	45	47	48	46	84	86	60	66	74
May	29.32	30.00	29.73	28.91	59.6	59.0	75.6	72.4	55.6	55.4	61.9	61.2	80.3	58.6	69.4	94	44	53	53	47	54	52	79	80	47	54	65
June	29.26	29.92	29.53	28.97	67.0	67.2	81.5	78.4	63.1	63.8	68.4	68.0	86.0	66.2	76.1	98	56	61	62	61	62	62	82	84	53	61	70
July	29.29	29.95	29.53	28.99	70.3	68.9	85.1	84.0	65.8	65.4	71.0	70.9	89.6	68.1	78.8	102	57	64	63	64	65	64	80	83	51	54	67
August	29.32	29.98	29.57	29.03	69.0	67.1	85.0	81.3	64.8	63.9	70.2	69.4	88.4	67.6	78.0	101	55	62	62	63	64	63	80	85	50	57	68
September	29.35	30.03	29.76	28.61	63.4	60.9	78.0	72.4	59.9	58.7	65.9	64.2	82.0	60.8	71.4	93	44	58	57	59	59	58	82	88	55	66	73
October	29.38	30.06	29.72	28.76	55.6	53.2	64.5	60.2	53.4	52.0	57.3	56.4	69.1	52.7	60.9	85	30	52	51	52	54	52	87	92	67	80	81
November	29.36	30.06	29.82	28.80	38.7	35.6	49.0	43.2	37.2	34.4	43.4	40.5	52.4	37.1	44.8	74	15	35	33	38	38	36	88	90	66	80	81
December	29.37	30.07	29.84	28.68	35.2	33.9	41.1	37.2	33.6	32.6	37.2	35.1	44.7	32.6	38.6	61	16	31	30	32	32	31	86	87	70	81	81
Year	29.35	30.04	29.87	28.61	49.6	47.6	60.7	57.4	46.9	45.6	52.0	50.8	65.0	47.4	56.2	102	5	45	44	45	46	45	83	86	60	68	75

SPRINGFIELD, MO.
Airport [ϕ=37°13′ N.; λ=93°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
January	(1) 28.72	30.16	(1) 29.17	(1) 28.02	34.5	32.1	39.7	38.5	33.1	31.1	36.2	35.8	44.7	28.9	35.8	64	8	31	30	32	32	31	87	90	74	78	82
February	28.67	30.11	29.00	27.90	31.3	28.8	37.5	36.6	29.0	27.3	32.8	32.4	43.1	25.0	34.0	61	10	25	25	25	26	25	77	84	62	64	72
March	28.66	30.09	29.03	28.17	36.2	31.9	45.3	45.1	33.3	30.4	38.6	38.5	50.4	29.7	40.0	70	14	29	28	30	30	29	76	86	56	57	68
April	28.58	29.97	28.99	28.09	54.1	52.0	65.0	63.9	49.7	48.7	55.6	54.9	69.3	49.0	59.2	84	38	46	46	48	48	47	74	80	58	59	68
May	28.62	30.00	28.93	28.27	61.4	60.5	74.9	72.9	58.0	57.6	63.9	63.3	78.4	56.9	67.6	88	43	56	56	57	58	56	82	84	56	60	71
June	28.57	29.94	28.80	28.30	65.9	65.7	78.9	76.9	63.7	63.6	68.3	68.1	82.3	62.3	72.3	92	50	63	62	63	64	63	89	89	59	65	75
July	28.60	29.96	28.76	28.38	70.7	69.9	86.3	83.1	67.4	67.2	72.5	71.6	90.0	66.2	78.1	99	53	66	66	66	66	66	85	87	52	58	71
August	28.61	29.98	28.77	28.40	70.9	68.7	85.0	81.9	67.7	66.7	72.3	71.2	88.9	66.5	77.7	98	54	66	66	66	66	66	86	90	55	61	73
September	28.63	30.01	28.98	28.07	65.5	63.5	76.8	72.1	62.7	61.2	67.4	65.8	80.1	60.2	70.2	91	40	61	60	62	62	62	86	88	63	73	78
October	28.65	30.05	28.96	28.14	58.9	56.5	66.5	62.1	57.1	55.5	60.7	58.9	70.0	54.0	62.0	83	27	56	55	57	57	56	90	94	74	84	85
November	28.68	30.10	29.06	28.37	41.2	38.0	50.7	46.6	38.6	36.6	44.3	42.1	54.8	35.2	45.0	76	17	35	35	38	37	36	80	88	63	70	76
December	28.65	30.08	29.09	28.06	36.3	34.7	43.4	40.2	34.2	33.1	38.8	36.9	47.1	31.2	39.2	66	18	31	31	33	32	32	82	85	68	75	77
Year	28.64	30.04	29.17	27.90	52.2	50.2	62.5	60.0	49.5	48.2	54.3	53.3	66.6	47.1	56.8	99	8	47	47	48	48	47	83	87	62	67	75

SYRACUSE, N. Y.
Airport [ϕ=43°04′ N.; λ=76°16′ 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) 29.49	30.17	(1) 29.97	(1) 28.89	22.3	20.6	25.5	22.9	21.3	19.7	23.5	21.9	30.0	15.2	22.6	47	−2	19	18	20	20	19	86	88	77	86	84
February	29.25	29.93	29.68	28.52	19.6	18.4	27.7	22.7	18.4	17.4	24.9	21.1	30.2	13.2	21.7	43	−7	16	15	19	17	17	85	87	68	78	80
March	29.31	29.99	29.82	28.76	24.2	22.2	31.1	27.8	22.7	21.0	27.9	25.9	34.5	18.1	26.3	48	0	20	18	22	22	21	81	84	68	79	78
April	29.44	30.09	29.80	28.86	43.7	45.7	61.2	52.8	40.4	41.6	49.6	46.1	63.3	37.8	50.6	90	24	37	37	38	39	38	78	74	45	61	64
May	29.31	29.96	29.61	28.94	52.0	55.8	67.8	61.7	48.3	50.6	55.1	53.1	70.5	45.2	57.8	90	30	45	46	43	45	45	78	69	44	56	62
June	29.32	29.95	29.57	29.06	61.9	66.4	78.0	70.8	58.0	60.2	64.2	62.9	80.6	56.8	68.7	97	44	55	56	56	56	56	80	71	48	65	66
July	29.31	29.94	29.63	28.94	66.7	70.7	81.6	74.6	62.8	65.0	67.3	66.3	84.2	61.8	73.0	95	51	60	62	59	62	61	81	74	48	66	67
August	29.32	29.96	29.71	28.90	61.3	64.8	76.3	68.3	57.9	60.0	63.1	61.2	78.4	55.7	67.0	91	44	56	57	54	57	56	82	76	49	67	68
September	29.44	30.07	29.77	28.90	58.4	59.3	74.4	64.3	54.5	54.9	60.9	57.9	76.8	50.3	63.6	94	32	52	52	52	53	52	80	77	46	69	68
October	29.41	30.06	29.99	28.91	50.6	49.4	59.2	53.0	47.1	46.2	51.9	49.1	61.6	43.8	52.7	85	27	44	43	45	46	44	78	80	62	76	74
November	29.33	29.99	29.86	28.63	41.4	42.1	48.2	42.6	38.1	38.3	42.0	38.9	51.4	35.2	43.3	73	20	34	34	35	34	34	75	73	61	73	71
December	29.38	30.05	29.97	28.57	29.9	28.7	35.1	31.6	28.4	27.1	32.0	30.0	39.4	22.5	31.0	68	−1	26	25	27	27	26	86	84	72	83	82
Year	29.36	30.01	29.99	28.52	44.3	45.3	55.5	49.4	41.5	41.8	46.9	44.5	58.4	38.0	48.2	97	−7	39	39	39	40	39	81	78	57	72	72

TACOMA, WASH.
[ϕ=47°15′ N.; λ=122°26′ 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	29.75	29.96	30.16	29.25	----	----	44.3	48.0	----	----	41.5	44.1	49.6	39.1	44.4	58	28	----	----	38	40	----	----	----	80	74	----
February	29.69	29.90	30.05	29.14	----	----	45.9	51.4	----	----	42.2	45.1	53.0	39.4	46.2	63	30	----	----	38	38	----	----	----	76	62	----
March	29.79	30.00	30.34	29.05	----	----	52.6	58.3	----	----	46.6	48.7	60.2	43.4	51.8	69	35	----	----	40	38	----	----	----	64	50	----
April	29.77	29.97	30.07	29.22	----	----	55.4	59.9	----	----	48.6	49.9	62.4	45.1	53.8	82	39	----	----	42	40	----	----	----	62	50	----
May	29.79	29.99	30.29	29.35	----	----	58.1	61.5	----	----	50.5	51.8	63.7	48.6	56.2	76	42	----	----	43	43	----	----	----	59	52	----
June	29.83	30.03	30.06	29.56	----	----	62.3	67.1	----	----	55.0	56.4	69.1	52.9	61.0	84	49	----	----	49	48	----	----	----	63	52	----
July	29.83	30.03	30.05	29.55	----	----	69.3	76.9	----	----	60.1	62.7	78.5	58.5	68.5	94	52	----	----	54	54	----	----	----	60	45	----
August	29.83	30.03	30.02	29.60	----	----	65.0	71.4	----	----	58.6	60.5	72.6	56.5	64.6	89	51	----	----	54	53	----	----	----	69	55	----
September	29.80	30.01	30.12	29.44	----	----	59.8	62.2	----	----	55.1	55.4	64.5	51.3	57.9	73	43	----	----	51	50	----	----	----	73	66	----
October	29.83	30.07	30.19	29.53	----	----	54.2	57.5	----	----	50.8	52.4	58.9	47.6	53.2	70	39	----	----	48	48	----	----	----	80	72	----
November	29.84	30.05	30.31	29.26	----	----	49.2	51.1	----	----	46.4	47.2	53.7	42.2	48.0	65	30	----	----	43	42	----	----	----	82	76	----
December	29.67	29.88	30.27	28.80	----	----	43.2	45.0	----	----	40.2	41.3	47.0	37.5	42.2	62	26	----	----	36	36	----	----	----	76	72	----
Year	29.73	29.99	30.34	28.80	----	----	54.9	59.2	----	----	49.6	51.3	61.1	46.8	54.0	94	26	----	----	45	44	----	----	----	70	60	----

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Springfield, Ill., 636 feet; Springfield, Mo., 1,324 feet; Syracuse, 596 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

SPRINGFIELD, ILL.

Airport [H=602 ft.; H_b=613 ft.; H_t=5 ft.; H_r=3 ft.; H_a=48 ft.] City [H=598 ft.; H_b=636 ft.; H_t=5 ft.; H_r=3 ft.; H_a=192 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	0.84 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	2.67	1.27	8.4	7.6	10.9	E.	25	NW.	0	5	5	21	15	10	12	7	0	13	7	8	4	11	0	0	27	0	0
February	.58	.20	4.5	6.5	11.2	W.	31	NW.	0	8	5	15	8	4	13	6	0	4	0	0	0	9	0	0	27	0	0
March	1.34	.80	4.7	6.6	11.5	S.	35	NW.	1	8	5	18	6	5	9	4	0	4	1	0	0	1	0	0	21	0	3
April	5.37	1.97	.0	7.3	11.2	S.	32	N.	1	6	4	20	12	11	0	0	1	8	4	3	1	0	0	0	0	0	5
May	3.03	1.19	.0	5.1	10.9	S.	29	S.	0	11	12	8	11	7	0	0	0	5	1	1	0	0	8	0	0	0	7
June	2.25	.89	.0	6.1	9.6	S.	38	NW.	1	7	13	10	7	7	0	0	0	6	0	0	0	0	10	7	0	0	11
July	2.23	1.04	.0	5.4	9.6	S.	26	NE.	0	10	12	9	4	4	0	0	0	5	0	0	0	0	16	8	0	0	11
August	2.05	1.00	.0	5.3	9.8	E.	30	W.	0	12	9	10	9	8	0	0	0	5	1	2	2	0	14	8	0	0	9
September	6.97	2.56	.0	5.4	11.0	S.	32	S.	1	11	3	16	11	11	0	0	1	6	0	0	0	0	5	0	0	0	6
October	13.39	5.65	.0	7.3	10.2	S.	31	SW.	0	6	6	19	18	17	0	0	0	10	2	0	0	0	0	0	1	0	11
November	3.37	1.66	4.8	5.9	11.6	W.	32	SW.	1	10	6	14	6	5	7	3	0	1	0	0	0	1	0	0	10	0	0
December	1.47	.93	1.7	7.5	11.5	S.	34	NW.	2	5	7	19	8	5	9	4	0	6	3	1	0	4	0	0	17	0	0
Year	44.72	5.65	24.1	6.3	10.8	S.	38	NW.	7	99	87	179	115	94	50	24	2	73	19	15	7	26	53	23	103	0	63

SPRINGFIELD, MO.

Airport [H=1,355 ft.; H_b=1,362 ft.; H_t=5 ft.; H_r=3 ft.; H_a=67 ft.]

January	2.82	0.79	1.3	7.4	10.7	SE.	29	W.	0	6	5	20	14	7	5	4	0	19	7	5	4	4	0	0	21	0	1
February	.96	.34	7.1	7.2	11.3	NW.	40	SE.	1	4	8	16	7	5	8	5	0	13	2	3	3	3	0	0	26	0	0
March	1.01	.30	7.3	6.2	12.4	NW.	36	S.	2	8	9	14	8	6	7	5	0	11	0	0	0	0	0	0	21	0	0
April	7.57	3.69	.0	7.3	12.9	SE.	44	S.	4	3	11	16	11	8	0	0	0	5	0	0	0	0	0	0	0	0	8
May	2.09	1.03	.0	5.9	10.3	SE.	34	W.	2	6	15	10	8	7	0	0	0	5	1	1	1	0	0	0	0	0	4
June	4.07	1.72	.0	5.6	9.3	SE.	30	SE.	0	8	12	10	9	7	0	0	1	1	0	0	0	0	2	0	0	0	8
July	3.42	1.90	.0	4.7	8.7	S.	42	N.	3	9	18	4	7	7	0	0	1	2	0	1	1	0	19	6	0	0	13
August	3.79	2.24	.0	5.3	8.2	S.	32	N.	1	9	13	9	11	7	0	0	0	5	0	0	0	0	16	4	0	0	8
September	7.64	2.12	.0	5.6	10.8	SE.	36	SW.	1	9	10	11	12	9	0	0	0	5	1	1	0	0	1	0	0	0	5
October	8.86	1.99	.0	7.7	10.6	SE.	32	SW.	1	3	7	21	17	15	0	0	0	13	4	3	0	0	0	0	2	0	7
November	2.50	.75	2.3	5.2	10.2	S.	30	S.	0	12	5	13	8	7	6	2	0	11	2	1	2	0	0	0	12	0	0
December	2.58	1.51	2.3	6.2	11.4	SE.	32	SW.	1	10	5	16	7	5	5	4	1	14	3	2	1	3	0	0	17	0	2
Year	47.31	3.69	20.3	6.2	10.6	SE.	44	S.	16	87	118	160	119	90	31	20	3	104	20	17	12	10	38	10	99	0	56

SYRACUSE, N. Y.

Airport [H=399 ft.; H_b=408 ft.; H_t=4 ft.; H_r=3 ft.; H_a=51 ft.]

January	2.25	0.57	23.5	8.6	9.2	NE.	29	W.	0	2	4	25	21	14	28	17	0	13	0	0	0	21	0	0	31	2	0
February	1.98	1.09	15.6	7.7	11.2	SW.	31	SW.	0	4	5	19	14	12	23	13	0	11	2	2	1	17	0	0	27	2	0
March	2.85	.91	32.4	6.8	11.8	SW.	42	W.	3	7	9	15	14	10	17	12	0	9	1	0	0	13	0	0	30	1	0
April	1.97	1.33	.4	4.9	9.9	SW.	35	W.	3	11	7	12	10	7	1	1	0	12	0	0	0	0	0	0	13	0	4
May	2.90	1.56	.0	6.1	9.2	SW.	35	NW.	1	9	9	13	13	9	0	0	0	14	1	1	1	0	1	0	2	0	3
June	2.96	.96	.0	5.5	8.5	SW.	34	SW.	2	11	8	11	13	9	0	0	0	17	2	1	3	0	5	2	0	0	5
July	5.41	1.43	.0	6.2	8.1	SW.	41	NW.	3	6	13	12	6	6	0	0	0	12	1	0	0	0	5	1	0	0	7
August	2.81	1.07	.0	5.6	8.9	SW.	34	SW.	1	10	9	12	9	7	0	0	0	14	0	0	0	0	2	0	0	0	4
September	2.28	.79	.0	5.1	9.6	SW.	34	S.	2	9	15	6	9	5	0	0	0	14	2	0	0	0	3	0	1	0	3
October	3.63	.86	T	7.9	10.5	SW.	34	W.	1	3	5	23	17	14	1	0	1	13	0	0	0	0	0	0	4	0	4
November	1.93	.91	.5	7.8	11.5	SW.	36	W.	3	3	6	21	9	8	8	3	0	10	0	0	0	0	0	0	11	0	1
December	2.96	.92	19.0	8.6	10.4	SW.	30	SW.	0	2	4	25	18	14	18	13	0	9	1	1	3	8	0	0	26	1	0
Year	33.93	1.56	91.4	6.7	9.9	SW.	42	W.	19	77	94	194	153	115	96	59	1	148	10	5	8	59	16	3	145	6	31

TACOMA, WASH.

[H=107 ft.; H_b=194 ft.; H_t=172 ft.; H_r=165 ft.; H_a=201 ft.]

January	4.32	1.41	T	8.7	5.8	S.	25	S.	0	2	2	27	16	13	1	0	0	11	7	4	8	0	0	0	3	0	0
February	1.70	.39	0.0	7.0	6.1	N.	34	SW.	1	7	4	17	12	9	0	0	0	11	10	4	7	0	0	0	3	0	0
March	1.90	.68	.0	5.7	7.1	N.	36	SW.	1	9	11	11	12	7	0	0	1	4	4	2	2	0	0	0	0	0	1
April	1.55	.73	.0	6.2	7.4	N.	32	S.	1	6	9	15	12	9	0	0	0	3	0	0	0	0	0	0	0	0	0
May	2.87	.95	.0	7.3	10.4	SW.	36	SW	2	5	4	22	15	14	0	0	0	0	0	0	0	0	0	0	0	0	0
June	1.89	1.14	.0	6.9	8.0	N.	26	SW.	0	5	7	18	11	7	0	0	0	0	0	0	0	0	0	0	0	0	3
July	.09	.05	.0	4.5	7.4	N.	26	SW.	0	10	16	5	2	2	0	0	0	4	3	0	0	0	4	0	0	0	3
August	2.19	.45	.0	6.5	6.4	N.	22	SW.	0	6	9	16	11	10	0	0	0	4	4	1	2	0	0	0	0	0	2
September	3.55	.98	.0	7.7	8.0	SW.	27	SW.	0	4	5	21	15	14	0	0	1	3	3	2	2	0	0	0	0	0	1
October	2.36	.80	.0	8.2	7.4	S.	31	SW.	0	1	7	23	16	10	0	0	0	10	7	8	9	0	0	0	0	0	1
November	4.51	1.12	.0	8.7	6.8	S.	38	S.	3	0	6	24	13	10	0	0	0	8	8	6	7	0	0	0	2	0	1
December	7.87	2.16	T	8.0	9.1	S.	34	S.	3	4	4	23	19	18	2	0	0	5	2	3	4	1	0	0	7	0	0
Year	34.30	2.16	T	7.1	7.5	N.	38	S.	11	59	84	222	154	123	3	0	2	63	48	30	41	1	4	0	15	0	12

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

TAMPA, FLA.
Airport [ϕ=27°55′ N.; λ=83°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.	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	30.10	30.13	30.38	29.76	55.2	53.2	65.8	59.9	52.7	51.3	57.7	55.5	68.0	50.7	59.4	77	38	50	49	51	52	51	86	88	62	76	78
February	29.98	30.01	30.22	29.52	53.6	50.9	64.1	58.6	50.5	48.0	54.7	53.0	66.5	48.1	57.3	74	38	48	45	46	48	47	81	81	54	69	71
March	30.01	30.04	30.27	29.65	57.2	55.5	67.3	63.2	54.5	52.8	58.2	57.5	69.7	53.7	61.7	78	39	52	50	51	53	51	84	83	57	70	74
April	29.99	30.03	30.26	29.68	66.5	65.8	78.0	72.4	63.4	63.4	66.8	65.6	80.1	63.1	71.6	87	55	62	62	61	62	61	85	88	56	70	75
May	30.00	30.03	30.20	29.78	69.8	70.1	83.7	78.2	65.8	66.0	68.7	67.9	86.1	66.2	76.2	91	58	64	64	60	62	62	81	81	47	59	67
June	30.00	30.04	30.14	29.86	77.1	78.0	86.4	81.5	74.0	74.8	75.9	74.6	89.1	74.3	81.7	95	69	73	74	72	72	72	87	87	63	73	77
July	30.00	30.04	30.16	29.86	78.9	79.4	85.9	82.3	76.2	76.5	77.7	76.7	88.4	76.0	82.2	93	70	75	76	74	75	75	88	88	70	78	81
August	29.98	30.01	30.10	29.88	80.8	81.3	89.6	84.3	74.9	77.6	78.5	77.6	92.2	77.9	85.0	95	72	76	76	74	75	75	86	85	61	74	77
September	29.96	30.00	30.16	29.76	76.7	76.8	86.9	79.5	74.7	75.0	77.1	75.4	89.4	74.6	82.0	96	71	74	74	73	74	74	91	92	65	84	83
October	30.00	30.04	30.26	29.78	74.7	73.7	85.3	78.9	72.3	72.0	75.2	73.7	86.7	72.1	79.4	95	65	71	71	71	72	71	89	92	64	79	81
November	30.01	30.05	30.28	29.70	64.8	63.3	75.9	69.0	62.2	61.3	67.0	64.0	77.4	61.0	69.2	85	47	60	60	62	61	61	86	89	63	76	79
December	30.04	30.07	30.23	29.77	62.1	60.0	71.5	65.9	59.7	58.3	64.5	62.1	73.2	57.9	65.6	82	45	58	57	60	60	58	86	90	68	80	81
Year	30.01	30.04	30.38	29.52	68.1	67.3	78.4	72.8	65.1	64.8	68.5	67.0	80.6	64.6	72.6	96	38	64	63	63	64	63	86	87	61	74	77

TATOOSH ISLAND, WASH.
[ϕ=48°23′ N.; λ=124°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
January	29.80	29.90	30.26	29.21	46.0	45.9	46.7	47.1	43.6	43.4	44.2	44.4	49.9	43.2	46.6	59	37	41	40	41	41	41	83	82	82	81	82
February	29.78	29.87	30.11	29.20	48.3	47.5	48.5	49.3	44.9	44.3	44.2	45.3	52.7	45.0	48.8	64	37	41	41	39	41	40	77	79	72	74	76
March	29.90	30.00	30.45	29.12	49.7	48.6	50.3	51.6	46.8	46.0	47.0	48.1	54.1	46.5	50.3	63	40	44	43	44	44	44	81	83	79	79	81
April	29.88	29.98	30.19	29.25	50.0	48.8	51.3	52.5	47.5	46.6	48.2	48.8	54.3	46.5	50.4	62	41	45	44	45	45	45	83	85	80	77	81
May	29.88	29.98	30.36	29.35	51.7	50.8	52.3	53.8	49.0	48.4	49.4	50.2	56.3	48.1	52.2	69	44	46	46	47	47	47	83	85	82	79	82
June	29.95	30.04	30.20	29.72	54.6	53.2	56.0	57.3	52.7	51.7	53.3	54.2	59.7	51.3	55.5	67	48	51	50	51	52	51	88	91	84	82	86
July	29.97	30.06	30.19	29.73	57.2	55.5	58.1	59.9	55.9	54.8	56.2	57.3	62.7	53.4	58.0	76	50	55	54	55	56	55	92	96	89	86	91
August	29.95	30.04	30.15	29.71	55.4	54.2	56.0	57.9	54.7	53.8	54.8	56.3	59.6	51.7	55.6	64	49	54	53	54	55	54	96	97	93	91	94
September	29.89	29.98	30.26	29.31	55.4	54.1	56.4	58.0	53.8	52.9	54.3	55.0	59.6	52.1	55.8	67	46	52	52	53	53	52	90	93	88	83	88
October	29.94	30.03	30.26	29.50	52.7	52.4	53.0	54.4	51.0	50.6	51.0	52.0	55.8	48.8	52.3	58	45	49	49	49	50	49	89	89	88	85	88
November	29.90	30.00	30.42	29.19	49.8	49.4	50.1	51.0	47.0	46.7	46.9	47.3	53.6	46.1	49.8	65	42	44	44	44	43	44	81	82	79	77	80
December	29.74	29.84	30.39	28.91	44.8	44.9	44.6	45.3	41.6	41.8	41.5	41.6	47.7	41.3	44.5	56	30	37	38	37	37	37	76	76	76	72	75
Year	29.88	29.98	30.45	28.91	51.3	50.4	51.9	53.2	49.0	48.4	49.2	50.0	55.5	47.8	51.6	76	30	47	46	47	47	47	85	86	83	80	84

TERRE HAUTE, IND.
Airport [ϕ=39°29′ N.; λ=87°24′ W.] City [ϕ=39°29′ N.; λ=87°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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.55	30.20	29.95	28.86	30.4	28.1	35.6	32.3	28.9	26.9	32.2	30.4	38.6	25.7	32.2	55	6	26	25	27	27	26	84	86	69	80	80
February	29.46	30.11	29.84	28.84	26.2	22.5	33.4	30.7	24.6	21.4	29.4	28.0	36.7	21.9	29.3	60	5	22	19	23	23	22	81	85	64	72	75
March	29.46	30.10	29.94	28.84	31.7	30.0	43.7	39.4	29.3	28.1	37.2	35.0	46.7	28.5	37.6	67	9	25	25	28	28	27	76	81	54	65	69
April	29.43	30.05	29.84	28.96	51.3	50.2	67.1	62.5	48.4	47.4	55.6	54.4	69.5	49.1	59.3	86	37	46	45	46	48	46	82	82	51	61	69
May	29.42	30.03	29.78	29.03	58.8	61.0	77.2	71.8	54.8	55.9	61.4	60.5	79.3	56.6	68.0	94	40	52	52	50	52	52	78	73	41	53	61
June	29.34	29.94	29.62	29.03	66.5	69.2	82.0	77.7	64.1	65.1	69.9	69.3	85.0	65.3	75.2	97	51	63	63	64	65	64	88	81	55	67	73
July	29.36	29.96	29.59	29.02	70.0	71.3	87.3	82.9	66.3	66.7	72.2	71.5	89.3	67.6	78.4	98	56	64	64	65	66	65	82	79	49	58	67
August	29.40	30.00	29.66	29.13	68.2	68.2	87.8	80.8	64.3	64.2	70.6	69.1	88.4	65.7	77.0	101	55	62	62	62	63	62	82	81	44	56	66
September	29.45	30.06	29.83	28.63	64.3	62.1	80.8	71.6	61.0	59.5	68.0	65.3	83.1	60.1	71.6	92	44	59	58	61	62	60	84	86	54	72	74
October	29.47	30.08	29.83	28.86	55.9	53.8	66.9	61.6	53.7	52.0	59.2	57.1	70.2	51.8	61.0	88	31	52	51	53	54	52	87	90	64	76	79
November	29.45	30.08	29.91	28.78	39.9	37.2	50.7	44.4	38.2	35.6	44.6	41.3	54.2	37.6	45.9	73	20	36	34	39	38	37	86	87	64	78	79
December	29.47	30.10	29.92	28.72	35.7	34.3	42.5	38.5	33.7	33.0	38.5	35.9	45.4	32.6	39.0	62	17	31	31	33	32	32	82	88	69	78	79
Year	29.44	30.06	29.95	28.63	49.9	49.0	62.9	57.8	47.3	46.3	53.2	51.5	65.5	46.9	56.2	101	5	45	44	46	46	45	83	83	56	68	73

TOLEDO, OHIO
Airport [ϕ=41°34′ N.; λ=83°28′ W.] City [ϕ=41°39′ N.; λ=83°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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.46	30.17	29.92	28.83	26.2	24.4	29.8	28.1	24.9	23.3	27.6	26.5	32.0	22.7	27.4	50	9	22	21	23	24	22	84	85	75	81	81
February	29.31	30.02	29.66	28.72	23.5	21.4	29.6	26.6	22.0	20.1	26.2	24.7	31.6	20.1	25.8	52	8	19	17	20	21	19	82	83	64	77	77
March	29.37	30.08	29.73	28.69	26.0	25.0	37.3	31.9	24.2	23.5	31.7	29.0	38.1	24.6	31.4	56	7	21	20	22	24	22	80	82	54	71	72
April	29.40	30.09	29.75	28.84	44.8	45.4	61.0	55.5	41.6	42.3	50.3	47.6	62.5	44.3	53.4	85	27	38	39	40	40	39	78	80	51	58	67
May	29.33	30.01	29.71	28.93	55.2	56.8	72.5	67.1	50.4	51.6	58.6	56.9	74.3	53.6	64.0	90	39	46	47	48	49	48	73	71	45	55	61
June	29.29	29.96	29.57	28.93	63.6	65.4	78.2	72.9	60.8	61.5	65.5	65.0	79.3	61.8	70.6	95	54	59	59	58	60	59	86	81	53	67	72
July	29.29	29.96	29.56	28.88	66.7	68.9	82.0	78.8	63.1	64.5	68.8	68.4	84.3	64.7	74.5	99	52	61	62	62	63	62	82	79	53	60	68
August	29.33	30.00	29.65	28.94	64.3	64.3	79.7	75.3	60.1	60.6	65.3	64.9	81.6	62.3	72.0	94	50	57	58	57	59	58	79	81	47	58	66
September	29.40	30.08	29.77	28.63	61.6	59.9	76.5	68.4	57.6	55.9	63.4	61.1	78.9	58.6	68.8	91	42	55	53	55	56	55	79	80	49	67	69
October	29.40	30.09	29.83	28.82	52.3	50.4	63.1	56.6	49.7	48.4	55.4	52.0	64.6	46.9	56.8	85	31	47	46	49	48	48	83	86	62	74	76
November	29.32	30.01	29.75	28.61	39.4	38.3	46.6	42.0	37.1	36.2	41.4	38.9	49.5	36.1	42.8	70	23	34	33	35	35	35	81	83	66	77	77
December	29.37	30.07	29.87	28.59	34.2	33.5	38.9	35.9	32.2	31.7	35.7	34.0	41.1	31.2	36.2	62	13	29	29	31	31	30	82	82	72	81	79
Year	29.36	30.04	29.92	28.59	46.5	46.1	57.9	53.3	43.6	43.3	49.2	47.4	59.8	44.1	52.0	99	7	41	40	42	42	41	81	81	58	69	72

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Tampa, 35 feet; Terre Haute, 575 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

TAMPA, FLA.

Airport [H=6 ft.; H_b=11 ft.; H_t=6 ft.; H_r=3 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: 0.84 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	3.24	1.75	0.0	5.7	11.1	N.	35	W.	1	8	13	10	8	7	0	0	0	12	5	4	2	0	0	0	0	0	3
February	3.11	1.25	.0	6.2	11.8	N.	30	W.	0	7	11	10	10	9	0	0	0	4	0	0	0	0	0	0	0	0	1
March	4.43	2.66	.0	5.9	11.6	N.	29	NW.	0	5	17	9	8	6	0	0	0	4	4	2	1	0	0	0	0	0	3
April	5.49	4.00	.0	5.3	11.4	E.	34	E.	2	10	12	8	4	4	0	0	0	4	0	0	0	0	0	0	0	0	3
May	.16	.16	.0	2.5	11.3	E.	41	SW.	1	19	11	1	2	1	0	0	0	7	1	0	0	0	5	0	0	0	0
June	7.06	3.54	.0	5.6	9.7	W.	38	SW.	1	5	20	5	9	9	0	0	0	4	0	0	0	0	11	0	0	0	12
July	5.89	1.08	.0	6.5	9.1	W.	53	SE.	1	1	20	10	21	20	0	0	0	1	0	0	0	0	12	0	0	0	23
August	3.87	2.01	.0	5.4	7.5	W.	38	S.	1	5	21	5	11	9	0	0	0	0	0	0	0	0	26	1	0	0	17
September	6.40	3.16	.0	6.7	9.8	E.	33	SE.	2	4	11	15	15	10	0	0	0	0	0	0	0	0	14	1	0	0	9
October	2.34	1.20	.0	5.8	11.1	E.	37	S.	2	8	13	10	8	8	0	0	0	6	0	0	0	0	5	1	0	0	2
November	4.75	3.27	.0	5.5	10.3	NE.	30	S.	0	9	10	11	9	8	0	0	0	3	1	1	0	0	0	0	0	0	3
December	7.04	3.26	.0	7.1	9.7	N.	29	SW.	0	3	14	14	12	9	0	0	0	11	5	4	3	0	0	0	0	0	2
Year	53.78	4.00	.0	5.7	10.3	NE.	53	SE.	11	84	173	108	117	100	0	0	0	56	16	11	6	0	73	3	0	0	78

TATOOSH ISLAND, WASH.

[H=101 ft.; H_b=86 ft.; H_t=9 ft.; H_r=3 ft.; H_a=61 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: 0.84 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	10.07	2.74	0.0	8.4	20.3	E.	59	S.	21	2	6	23	19	18	0	0	0	1	0	0	0	0	0	0	0	0	0
February	5.31	1.23	T	6.5	17.5	E.	46	E.	13	7	7	14	14	13	1	1	0	3	1	0	0	0	0	0	0	0	0
March	3.83	1.23	T	6.5	14.3	E.	42	E.	11	9	5	17	14	11	1	1	3	8	2	2	2	0	0	0	0	0	1
April	2.50	.92	.0	6.2	11.8	W.	45	W.	8	8	7	15	11	9	0	0	1	4	3	2	0	0	0	0	0	0	0
May	5.93	1.80	.0	6.5	15.0	S.	50	S.	8	6	12	13	18	15	0	0	1	3	0	0	0	0	0	0	0	0	1
June	2.92	.94	.0	7.8	8.6	W.	33	E.	1	1	10	19	11	8	0	0	0	7	2	1	0	0	0	0	0	0	0
July	.63	.32	.0	6.1	9.8	SW.	34	S.	1	9	6	16	6	4	0	0	0	16	8	11	7	0	0	0	0	0	2
August	1.78	.79	.0	7.7	8.5	S.	25	E.	0	3	5	23	11	7	0	0	0	22	18	20	15	0	0	0	0	0	0
September	5.43	1.72	.0	7.0	10.7	E.	45	E.	4	6	7	17	21	16	0	0	0	9	4	4	2	0	0	0	0	0	0
October	8.16	2.04	.0	7.4	14.5	S.	50	S.	9	3	11	17	19	17	0	0	0	16	4	6	10	0	0	0	0	0	0
November	8.45	2.08	.0	7.7	17.0	E.	59	S.	16	5	5	20	19	16	0	0	2	3	0	1	0	0	0	0	0	0	2
December	9.67	1.97	T	6.5	20.2	E.	71	SW.	21	8	9	14	22	19	1	0	5	5	0	0	0	0	0	0	1	0	3
Year	64.68	2.74	T	7.0	14.0	E.	71	SW.	113	67	90	208	185	153	3	2	12	97	42	47	36	0	0	0	1	0	9

TERRE HAUTE, IND.

Airport [H=485 ft.; H_b=485 ft.; H_t=4 ft.; H_r=4 ft.; H_a=36 ft.] City [H=503 ft.; H_b=575 ft.; H_t=68 ft.; H_r=61 ft.; H_a=149 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: 0.84 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	0.37	3.5	7.8	9.7	NW.	25	NW.	0	4	5	22	12	9	10	5	0	13	3	1	1	7	0	0	26	0	0
February	.91	.44	5.4	6.6	10.7	NW.	37	NW.	1	7	7	14	8	6	15	7	0	6	0	0	0	9	0	0	26	0	0
March	1.08	.40	2.7	6.4	10.7	NW.	32	SW.	1	9	3	19	8	7	6	3	2	5	1	0	0	2	0	0	25	0	1
April	3.99	1.07	.0	6.4	9.5	SW.	31	SW.	0	7	8	15	9	8	0	0	1	7	2	1	1	0	0	0	0	0	5
May	3.43	1.79	.0	5.1	9.0	S.	31	SW.	0	11	11	9	11	7	0	0	0	3	0	0	0	0	5	0	0	0	6
June	10.85	3.66	.0	5.4	7.8	SW.	32	NW.	1	10	10	10	16	11	0	0	1	3	0	0	0	0	9	3	0	0	13
July	1.53	.81	.0	4.6	7.8	SW.	25	NW.	0	14	10	7	5	4	0	0	0	5	0	0	0	0	15	7	0	0	7
August	2.29	1.01	.0	4.4	7.9	NE.	26	NW.	0	13	8	10	7	5	0	0	0	8	0	0	0	0	15	6	0	0	6
September	7.32	3.66	.0	4.5	9.0	S.	33	SW.	1	12	9	9	9	8	0	0	0	2	0	0	0	0	4	0	0	0	6
October	7.12	1.74	.0	6.5	8.9	SW.	30	S.	0	7	9	15	18	14	0	0	0	14	4	3	2	0	0	0	1	0	5
November	3.19	1.36	7.7	5.3	9.6	SW.	30	SW.	0	12	6	12	10	6	6	5	0	14	4	3	3	0	0	0	8	0	0
December	1.86	1.05	4.1	6.9	9.4	SW.	29	SE.	0	8	6	17	9	5	7	2	0	16	2	2	2	4	0	0	14	0	0
Year	44.81	3.66	23.4	5.8	9.2	SW.	37	NW.	4	114	92	159	122	90	44	22	4	96	16	10	9	22	48	16	100	0	49

TOLEDO, OHIO

Airport [H=621 ft.; H_b=628 ft.; H_t=5 ft.; H_r=3 ft.; H_a=41 ft.] City [H=589 ft.; H_b=628 ft.; H_t=79 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: 0.84 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	1.42	0.37	6.1	8.3	10.6	W.	29	W.	0	3	4	24	15	11	13	8	0	10	3	2	0	19	0	0	28	0	0
February	.66	.30	4.6	6.5	11.4	W.	30	W.	0	4	12	12	11	4	17	9	0	5	3	1	0	18	0	0	27	0	0
March	1.05	.35	1.5	5.8	10.2	NW.	32	W.	1	8	10	13	7	6	13	6	0	3	0	0	0	7	0	0	30	0	0
April	1.38	.57	.0	4.3	9.8	E.	35	W.	1	13	10	7	8	7	0	0	1	4	1	1	0	0	0	0	1	0	3
May	4.42	2.57	.0	3.4	9.6	W.	25	S.	0	18	9	4	10	9	0	0	1	0	0	0	0	0	2	0	0	0	9
June	3.08	.74	.0	4.0	8.6	E.	32	W.	1	14	12	4	14	12	0	0	0	3	0	0	0	0	6	1	0	0	8
July	1.42	.49	.0	2.8	8.1	W.	30	NW.	0	22	7	2	9	8	0	0	0	1	0	0	0	0	8	2	0	0	9
August	1.79	.93	.0	3.1	8.2	N.	28	NW.	0	21	7	3	4	3	0	0	0	1	0	0	0	0	5	0	0	0	6
September	1.77	1.21	.0	3.5	9.4	SW.	38	W.	2	18	6	6	5	4	0	0	0	2	1	1	0	0	1	0	0	0	5
October	4.32	1.00	.0	6.4	9.1	W.	31	W.	0	7	10	14	13	10	0	0	0	8	1	1	0	0	0	0	1	0	3
November	1.63	.77	1.1	6.1	11.5	W.	30	W.	0	7	10	13	9	8	8	5	0	5	3	2	2	0	0	0	8	0	0
December	1.59	.80	2.1	8.0	10.3	W.	38	W.	1	3	7	21	9	7	8	3	0	5	3	2	2	6	0	0	16	0	0
Year	24.53	2.67	15.4	5.2	9.7	W.	38	W.	6	138	104	123	114	89	59	31	2	47	15	10	4	50	22	3	111	0	43

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

TOPEKA, KANS.
[ϕ=39°03′ N.; λ=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.	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	29.09	30.16	29.60	28.51	30.7	28.6	34.3	34.6	29.7	27.7	32.0	32.4	38.6	24.9	31.8	62	6	28	26	28	29	28	88	89	79	81	84
February	29.06	30.15	29.44	28.13	30.6	26.8	34.3	35.4	28.0	25.4	30.5	31.1	40.1	24.2	32.2	60	14	24	23	24	24	24	73	84	65	62	71
March	29.02	30.10	29.43	28.31	36.1	32.2	45.3	45.6	32.9	30.1	37.7	38.4	50.8	30.1	40.4	74	16	28	27	27	29	28	73	80	49	53	64
April	28.89	29.94	29.32	28.38	54.3	50.6	64.1	63.8	49.9	47.6	54.0	54.5	69.0	48.2	58.6	82	39	46	45	45	46	46	74	82	54	56	67
May	28.91	29.95	29.36	28.49	64.7	61.6	77.6	75.5	59.5	57.4	63.8	63.9	81.8	59.0	70.4	95	46	56	55	55	56	55	74	79	48	54	64
June	28.86	29.89	29.11	28.66	69.4	67.2	80.3	79.5	64.8	63.8	67.6	67.6	84.7	64.6	74.6	98	55	62	62	61	62	62	79	83	54	56	68
July	28.91	29.93	29.15	28.68	75.3	71.6	88.6	86.2	68.0	66.5	71.4	70.9	93.1	69.4	81.2	106	59	64	64	63	64	64	70	77	45	49	60
August	28.92	29.94	29.14	28.54	74.5	71.0	85.5	85.0	69.3	67.6	71.9	72.1	90.5	69.1	79.8	103	61	67	66	66	66	66	78	84	54	56	68
September	28.91	29.95	29.40	28.56	67.9	63.7	76.8	75.3	63.2	60.6	66.1	65.8	81.1	61.5	71.3	93	42	61	59	60	60	60	78	84	59	62	71
October	28.97	30.02	29.34	28.35	57.3	54.4	63.8	62.1	54.2	52.6	56.9	56.5	67.8	51.2	59.5	86	29	52	51	52	52	52	82	89	67	72	78
November	29.00	30.07	29.33	28.66	41.9	38.9	50.6	48.4	39.1	37.0	44.3	43.3	55.6	35.8	45.7	75	20	36	34	38	38	36	79	84	63	68	73
December	28.98	30.06	29.44	28.33	36.9	35.0	42.7	40.9	34.5	33.2	37.8	36.7	46.9	31.1	39.0	67	16	31	30	32	31	31	80	84	66	70	75
Year	28.96	30.01	29.60	28.13	53.3	50.1	62.0	61.0	49.4	47.5	52.8	52.8	66.7	47.4	57.0	106	6	46	45	46	46	46	77	83	59	62	70

TRENTON, N. J.
[ϕ=40°13′ N.; λ=74°46′ 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	29.93	30.14	30.40	29.41	28.5	27.4	33.6	31.5	26.0	25.0	29.2	28.3	35.6	23.5	29.6	49	11	20	20	20	22	20	70	71	58	66	66
February	29.71	29.92	30.12	28.84	28.3	25.8	34.2	32.2	25.3	23.2	29.1	28.1	36.9	23.9	30.4	48	14	18	16	19	20	18	64	66	52	59	60
March	29.74	29.96	30.26	29.16	32.1	31.1	40.0	37.4	28.5	27.9	33.3	31.9	43.3	27.7	35.5	58	16	21	22	22	22	22	63	66	48	54	58
April	29.86	30.07	30.23	29.35	50.5	49.4	65.9	60.8	44.6	44.1	51.5	50.0	69.2	45.4	57.3	91	34	38	38	37	39	38	66	67	37	47	54
May	29.74	29.94	30.08	29.31	57.5	59.7	73.0	66.4	51.6	52.7	57.4	55.5	76.3	52.4	64.4	95	37	46	46	44	46	46	67	62	37	51	54
June	29.76	29.96	30.02	29.31	65.0	66.2	77.8	73.0	60.7	61.3	64.8	64.1	80.1	61.7	70.9	94	54	58	58	57	58	58	78	76	51	64	67
July	29.76	29.96	30.02	29.46	70.0	71.1	80.5	75.8	66.4	66.6	69.6	68.8	83.3	66.4	74.8	98	57	64	64	64	65	64	84	80	59	72	74
August	29.76	29.96	30.17	29.41	67.1	67.2	80.2	75.5	62.4	62.0	65.8	65.5	82.6	62.6	72.6	94	53	59	58	57	59	59	77	74	47	60	64
September	29.91	30.11	30.24	29.51	63.6	61.4	77.5	71.2	59.2	57.1	63.2	62.2	80.0	57.2	68.6	93	44	56	54	54	56	55	77	77	45	61	65
October	29.89	30.10	30.35	29.48	56.8	55.0	67.4	61.8	52.2	51.5	56.7	54.0	69.9	50.8	60.4	94	33	48	48	48	47	48	73	79	52	60	66
November	29.86	30.06	30.31	29.18	44.4	41.6	55.4	50.2	40.6	38.7	46.2	43.6	57.7	38.9	48.3	73	27	36	35	35	35	35	71	77	48	58	63
December	29.88	30.09	30.40	29.16	36.0	35.4	42.6	39.6	33.2	32.4	36.8	35.4	45.0	30.8	37.9	63	16	28	27	27	28	28	71	70	55	63	65
Year	29.82	30.02	30.40	29.16	50.0	49.3	60.7	56.3	45.9	45.2	50.3	49.0	63.3	45.1	54.2	98	11	41	40	40	41	41	72	72	49	60	63

VALENTINE, NEBR.
[ϕ=42°50′ N.; λ=100°32′ 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	27.36	30.19	27.77	26.91	21.1	18.6	27.8	26.8	20.2	17.8	25.2	24.9	33.6	13.5	23.6	57	−6	19	16	21	22	20	90	90	78	82	85
February	27.32	30.14	27.64	26.53	21.6	19.5	29.2	29.2	20.3	18.4	25.4	25.8	35.6	14.9	25.2	55	−4	18	16	19	20	19	84	87	68	72	76
March	27.32	30.12	27.74	26.81	28.6	25.4	36.3	38.9	27.0	24.3	31.3	33.1	42.7	23.1	32.9	70	6	25	22	24	26	24	84	87	62	63	74
April	27.20	29.92	27.63	26.79	45.2	40.8	53.0	54.5	42.0	39.2	45.2	46.0	59.6	38.8	49.2	75	24	39	37	38	38	38	78	88	60	57	71
May	27.21	29.89	27.76	26.77	58.6	53.6	69.2	72.5	52.7	50.1	55.4	56.6	76.1	50.7	63.4	97	33	48	47	45	44	46	70	80	45	41	59
June	27.21	29.89	27.57	26.91	63.2	59.1	72.6	74.3	58.5	56.8	60.7	61.6	77.8	56.8	67.3	97	45	56	55	54	54	55	78	88	55	54	69
July	27.30	29.96	27.52	27.06	68.2	63.6	81.8	83.0	62.1	60.3	65.7	65.8	86.9	61.6	74.2	100	51	59	58	58	57	58	74	84	47	44	62
August	27.30	29.96	27.54	26.97	68.4	62.7	80.5	81.8	61.4	58.4	64.8	64.7	86.6	60.5	73.6	101	50	57	56	56	55	56	70	80	47	43	60
September	27.21	29.89	27.66	26.87	58.7	53.4	67.8	69.3	52.7	50.4	55.8	56.6	74.8	50.2	62.5	94	33	48	48	47	48	48	71	83	52	51	64
October	27.31	30.03	27.78	26.66	47.1	42.8	55.2	54.3	43.3	40.8	46.9	46.6	60.4	38.8	49.6	80	22	39	39	39	39	39	76	86	59	61	70
November	27.28	30.05	27.57	26.85	31.8	30.1	45.4	41.0	29.2	27.9	37.7	35.0	51.0	25.3	38.2	82	−6	25	25	28	27	26	77	79	54	60	68
December	27.24	30.05	27.67	26.68	27.1	23.6	35.0	32.0	23.9	21.3	28.7	26.9	40.9	18.5	29.7	72	−10	19	18	19	19	19	72	78	56	61	67
Year	27.27	30.01	27.78	26.53	45.0	41.1	54.5	54.8	41.1	38.8	45.2	45.3	60.5	37.7	49.1	101	−10	38	36	37	37	37	77	84	57	57	69

VICKSBURG, MISS.
Airport [ϕ=32°24′ N.; λ=90°47′ W.] City [ϕ=32°22′ N.; λ=90°53′ 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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.91	30.18	30.30	29.29	42.5	38.9	56.5	49.7	40.4	37.8	48.3	45.0	60.2	41.6	50.9	76	25	38	36	40	40	38	84	90	55	70	74
February	29.82	30.09	30.12	29.32	39.6	37.3	50.9	46.8	37.3	35.6	43.8	41.9	54.1	39.1	46.6	74	30	34	33	35	36	35	82	85	58	67	73
March	29.79	30.06	30.23	29.46	45.1	42.4	56.5	54.0	42.8	40.3	48.6	48.0	60.6	43.2	51.9	74	29	40	37	40	41	40	83	83	57	64	72
April	29.73	29.99	30.06	29.30	57.7	54.6	74.7	70.4	54.9	53.3	63.4	61.7	77.3	58.2	67.8	86	51	52	52	56	56	54	85	93	54	63	74
May	29.75	30.01	29.95	29.36	63.2	62.5	81.7	77.9	61.0	60.7	69.8	69.0	83.3	64.3	73.8	91	55	60	59	64	64	62	89	90	56	64	75
June	29.71	29.97	29.90	29.57	70.4	71.1	85.8	82.4	68.8	69.6	74.5	73.9	87.0	70.8	78.9	92	65	68	69	70	70	69	92	93	60	68	78
July	29.72	29.97	29.89	29.59	73.1	73.0	87.6	81.8	72.0	72.0	78.3	76.6	89.7	73.2	81.4	94	70	72	72	75	74	73	95	95	66	80	84
August	29.74	29.99	29.90	29.61	72.5	71.7	89.7	83.7	71.2	70.6	77.6	77.1	90.8	73.5	82.2	95	67	71	70	73	74	72	94	95	58	75	80
September	29.74	30.00	29.99	29.31	69.6	68.2	87.4	78.5	67.7	66.9	75.2	73.1	87.7	70.7	79.2	95	58	67	66	70	71	68	91	94	58	78	80
October	29.79	30.05	30.02	29.47	65.2	62.4	80.6	69.7	63.9	61.4	69.8	66.8	82.1	64.9	73.5	93	48	63	61	64	65	63	93	94	60	86	83
November	29.86	30.13	30.26	29.48	41.3	39.7	62.0	49.1	40.1	38.7	52.7	46.8	64.0	44.9	54.4	78	31	39	37	44	44	41	91	92	54	84	80
December	29.83	30.10	30.21	29.30	43.5	41.7	57.0	48.9	42.0	40.2	49.8	45.6	59.8	44.2	52.0	73	30	40	38	42	42	41	87	88	62	77	79
Year	29.78	30.05	30.30	29.29	57.0	55.3	72.5	66.1	55.2	53.9	62.6	60.5	74.7	57.4	66.0	95	25	54	52	56	56	55	89	91	58	73	78

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Vicksburg, 247 feet.
[2] Airport Data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

TOPEKA, KANS.

[H=926 ft.; H_b=987 ft.; H_t=65 ft.; H_r=61 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: 0.84 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	3.79	0.98	8.7	7.3	7.6	NW.	28	NW.	0	8	2	21	15	11	12	5	0	18	3	2	2	9	0	0	23	0	1
February	.33	.19	1.7	7.1	8.8	N.	33	NW.	1	5	7	16	6	4	10	4	0	5	1	1	1	5	0	0	25	0	0
March	1.43	.94	9.2	5.9	9.9	NW.	29	N.	0	7	11	13	7	5	10	3	0	4	0	0	0	0	0	0	19	0	0
April	3.32	.88	.0	7.0	10.1	SE.	27	S.	0	4	10	16	15	12	0	0	1	5	0	0	0	0	0	0	0	0	6
May	3.78	1.10	.0	6.1	9.0	S.	36	NW.	1	3	20	8	12	11	0	0	0	5	0	0	1	0	4	0	0	0	8
June	5.45	2.79	.0	5.4	8.3	S.	21	E.	0	10	8	12	11	8	0	0	0	3	0	0	0	0	11	3	0	0	6
July	1.38	.74	.0	5.4	7.4	S.	20	SW.	0	9	11	11	6	5	0	0	0	4	0	0	0	0	21	13	0	0	9
August	7.79	4.84	.0	5.8	7.2	S.	35	N.	1	5	21	5	12	9	0	0	0	2	1	1	1	0	20	9	0	0	7
September	3.81	1.42	.0	5.4	9.5	S.	30	SW.	0	10	10	10	9	9	0	0	0	3	1	0	0	0	5	0	0	0	4
October	10.65	2.69	1.0	7.4	8.0	S.	29	NW.	0	4	9	18	13	12	1	1	1	12	1	1	0	0	0	0	1	0	6
November	.65	.27	1.9	5.3	9.2	S.	27	N.	0	13	3	14	6	4	7	2	0	2	0	0	0	1	0	0	11	0	1
December	2.07	1.26	3.4	5.8	9.5	S.	29	SW.	0	10	8	13	5	5	5	3	0	10	3	2	2	5	0	0	16	0	1
Year	44.45	4.84	25.9	6.2	8.7	S.	36	NW.	3	88	120	157	117	95	45	18	2	73	10	7	7	20	61	25	95	0	49

TRENTON, N. J.

[H=56 ft.; H_b=190 ft.; H_t=89 ft.; H_r=84 ft.; H_a=107 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: 0.84 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	3.49	1.13	7.6	6.3	10.0	N.	26	NW.	0	10	6	15	11	8	12	5	0	10	4	4	3	7	0	0	27	0	0
February	2.16	1.17	7.2	5.1	10.8	NW.	26	NW.	0	12	6	10	5	5	8	2	0	6	3	1	0	5	0	0	26	0	0
March	2.26	1.32	9.4	5.2	10.8	NW.	30	W.	0	11	9	11	10	7	8	6	0	5	0	0	0	2	0	0	25	0	0
April	2.03	.88	.0	4.5	9.1	N.	27	S.	0	14	8	8	6	6	0	0	0	9	0	0	0	0	1	0	0	0	0
May	1.39	.63	.0	5.8	8.7	NW.	34	NW.	1	7	14	10	10	7	0	0	0	4	0	0	0	0	3	0	0	0	3
June	6.51	2.67	.0	5.7	8.3	S.	30	SW.	0	10	9	11	9	8	0	0	1	13	1	1	1	0	6	0	0	0	6
July	10.19	4.30	.0	6.3	7.8	S.	23	NW.	0	8	7	16	13	12	0	0	0	16	1	1	0	0	5	2	0	0	10
August	2.26	.61	.0	4.4	7.9	S.	23	S.	0	12	15	4	7	6	0	0	0	15	3	3	1	0	4	0	0	0	7
September	.19	.09	.0	4.2	8.0	S.	24	W.	0	13	10	7	3	3	0	0	0	10	4	3	2	0	2	0	0	0	2
October	1.58	.76	.0	5.5	8.4	S.	30	SW.	0	9	10	12	9	8	0	0	0	10	0	0	0	0	2	0	0	0	0
November	2.66	.99	.0	5.3	8.1	S.	26	S.	0	9	12	9	5	3	0	0	0	10	2	2	1	0	0	0	3	0	0
December	3.08	2.31	.4	6.1	8.9	NW.	31	S.	0	7	12	12	7	5	3	1	0	10	5	5	5	3	0	0	20	0	0
Year	37.80	4.30	24.6	5.4	8.9	NW.	34	NW.	1	122	118	125	95	48	31	14	1	118	23	20	13	17	23	2	101	0	28

VALENTINE, NEBR.

[H=2,581 ft.; H_b=2,598 ft.; H_t=46 ft.; H_r=36 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: 0.84 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	0.17	8.0	5.9	7.2	W.	24	NW.	0	8	7	16	7	5	12	7	0	4	2	0	4	15	0	0	31	6	0
February	.44	.20	4.4	5.5	8.3	W.	27	NW.	0	9	7	12	8	2	12	8	0	3	1	0	0	13	0	0	27	3	0
March	.66	.28	6.6	7.1	8.9	N.	29	N.	0	4	11	16	11	5	18	9	0	2	1	1	0	7	0	0	27	0	0
April	2.53	.53	1.3	7.2	11.4	S.	36	NW.	4	4	11	15	15	10	3	3	0	2	1	1	1	0	0	0	8	0	6
May	.60	.13	.0	6.2	10.1	S.	33	S.	1	5	15	11	12	8	0	0	0	1	0	0	1	0	2	1	0	0	8
June	3.58	1.66	.0	5.7	10.5	S.	37	W.	2	10	8	12	12	8	0	0	1	1	0	0	1	0	7	1	0	0	6
July	3.76	1.52	.0	4.3	7.9	S.	26	NW.	0	12	14	5	11	8	0	0	1	0	0	0	0	0	15	4	0	0	10
August	3.52	1.55	.0	4.6	8.0	S.	27	SE.	0	13	11	7	7	6	0	0	0	2	0	0	0	0	12	4	0	0	10
September	3.02	.72	T	5.1	10.3	S.	33	W.	1	12	8	10	11	8	1	0	0	2	0	0	0	0	2	0	0	0	6
October	2.79	1.47	T	6.4	8.4	N.	35	N.	1	9	5	17	11	7	3	0	0	1	0	0	1	1	0	0	5	0	3
November	.45	.27	2.9	5.2	8.3	W.	27	NW.	0	12	9	9	7	3	9	4	0	2	0	0	0	2	0	0	24	2	0
December	.48	.25	4.6	5.7	9.2	W.	33	NW.	1	11	7	13	5	3	11	5	0	0	0	1	0	10	0	0	30	2	0
Year	22.32	1.66	27.8	5.7	9.0	W.	37	W.	10	109	113	143	117	73	69	36	2	20	5	3	8	48	38	10	152	13	49

VICKSBURG, MISS.

Airport [H=263 ft.; H_b=— ft.; H_t=30 ft.; H_r=40 ft.; H_a=57 ft.] City [H=234 ft.; H_b=247 ft.; H_t=82 ft.; H_r=74 ft.; H_a=102 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: 0.84 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	2.53	0.85	T	5.1	8.6	N.	30	SW.	0	9	13	9	6	6	2	0	0	0	2	0	1	0	0	0	6	0	3
February	3.16	1.57	0.0	6.2	9.2	N.	25	W.	0	9	5	14	10	6	0	0	0	1	1	0	1	0	0	0	4	0	1
March	6.03	3.10	T	6.5	9.8	N.	24	SW.	0	6	9	16	13	11	1	0	0	3	2	1	1	0	0	0	1	0	4
April	3.88	1.74	.0	5.4	9.2	SE.	35	W.	1	10	9	11	7	7	0	0	1	2	1	0	0	0	0	0	0	0	6
May	4.05	1.46	.0	4.8	7.7	SE.	30	SE.	0	14	8	9	7	6	0	0	0	0	0	0	0	0	3	0	0	0	3
June	2.79	.81	.0	6.1	7.4	SW.	22	N.	0	5	15	10	12	10	0	0	1	0	0	0	0	0	8	0	0	0	9
July	7.52	2.62	.0	6.4	6.0	SW.	25	E.	0	5	13	13	13	11	0	0	0	5	0	0	0	0	19	0	0	0	12
August	3.20	1.85	.0	4.7	6.4	SW.	25	NE.	0	10	18	3	9	7	0	0	0	3	1	0	0	0	24	0	0	0	9
September	1.48	.53	.0	4.9	8.4	E.	27	SW.	0	12	9	9	6	5	0	0	0	2	1	0	1	0	10	1	0	0	3
October	2.85	1.37	.0	5.5	8.0	SE	24	SW.	0	10	10	11	10	10	0	0	0	4	2	1	2	0	6	0	0	0	5
November	5.13	2.83	.0	4.8	7.2	N.	19	NW.	0	12	7	11	8	5	0	0	0	3	2	2	2	0	0	0	3	0	2
December	4.61	2.08	.0	6.5	7.9	N.	24	S.	0	6	11	14	8	6	0	0	0	6	4	1	2	0	0	0	2	0	2
Year	47.23	3.10	T	5.6	8.0	SE	35	W.	1	108	127	130	109	90	3	0	2	29	16	5	10	0	70	1	16	0	59

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

WALLA WALLA, WASH.
[ϕ=46°02′ N.; λ=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	29.01	30.11	29.45	28.45	----	----	----	35.9	----	----	----	34.0	39.3	30.1	34.7	57	20	----	----	----	32	----	----	----	----	86	----
February	28.92	30.01	29.28	28.37	----	----	----	45.5	----	----	----	40.9	47.1	33.4	40.2	67	26	----	----	----	36	----	----	----	----	72	----
March	28.94	30.02	29.46	28.30	----	----	----	59.7	----	----	----	47.6	61.4	40.3	50.8	73	26	----	----	----	34	----	----	----	----	40	----
April	28.86	29.91	29.13	28.39	----	----	----	64.3	----	----	----	50.2	66.5	46.0	56.2	79	36	----	----	----	36	----	----	----	----	39	----
May	28.88	29.95	29.39	28.48	----	----	----	67.4	----	----	----	54.1	69.6	50.5	60.0	90	41	----	----	----	42	----	----	----	----	44	----
June	28.83	29.94	29.11	28.61	----	----	----	73.9	----	----	----	58.5	76.1	55.4	65.8	95	47	----	----	----	47	----	----	----	----	42	----
July	28.86	29.90	29.09	28.60	----	----	----	90.9	----	----	----	64.2	92.8	66.0	79.4	108	58	----	----	----	45	----	----	----	----	22	----
August	28.89	29.94	29.06	28.72	----	----	----	82.2	----	----	----	62.0	84.8	62.1	73.4	101	52	----	----	----	48	----	----	----	----	34	----
September	28.89	29.96	29.21	28.63	----	----	----	68.0	----	----	----	54.8	70.1	52.5	61.3	82	42	----	----	----	44	----	----	----	----	43	----
October	28.99	30.07	29.29	28.71	----	----	----	58.0	----	----	----	50.0	60.1	45.0	52.6	73	34	----	----	----	42	----	----	----	----	60	----
November	29.02	30.10	29.43	28.52	----	----	----	49.4	----	----	----	43.9	53.7	38.4	46.0	67	27	----	----	----	38	----	----	----	----	67	----
December	28.88	29.97	29.38	28.14	----	----	----	41.0	----	----	----	37.2	46.1	34.2	40.2	68	6	----	----	----	33	----	----	----	----	74	----
Year	28.92	29.99	29.46	28.14	----	----	----	61.4	----	----	----	49.8	64.0	46.2	55.0	108	6	----	----	----	40	----	----	----	----	52	----

WASHINGTON, D. C.
Airport [ϕ=38°52′ N.; λ=77°03′ W.] City [ϕ=38°54′ N.; λ=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 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.04	30.17	30.50	29.53	----	31.4	38.2	35.9	----	28.7	33.1	31.9	40.4	29.1	34.8	55	21	----	24	24	25	24	----	71	57	63	64
February	29.84	29.97	30.22	29.17	----	28.6	38.0	35.9	----	25.7	31.6	30.4	41.2	26.5	33.8	55	19	----	19	20	21	20	----	66	46	51	54
March	29.87	30.00	30.32	29.26	----	34.2	44.5	43.3	----	30.1	35.5	35.3	49.1	30.6	39.8	68	15	----	22	20	22	21	----	60	40	44	48
April	29.95	30.07	30.29	29.42	----	52.8	68.3	65.4	----	46.9	53.0	52.6	71.3	49.8	60.6	94	37	----	41	38	40	40	----	65	36	43	48
May	29.85	29.97	30.28	29.45	----	60.5	75.8	70.9	----	54.0	58.1	58.1	78.7	54.9	66.8	97	41	----	48	42	48	46	----	65	33	47	48
June	29.86	29.97	30.11	29.37	----	68.4	79.5	76.1	----	63.5	67.0	66.9	82.6	63.8	73.2	96	54	----	60	60	61	60	----	78	54	64	65
July	29.86	29.98	30.08	29.58	72.8	72.6	83.1	78.6	69.4	69.2	72.3	72.0	85.7	69.1	77.4	99	63	68	65	67	69	67	85	84	61	73	76
August	29.87	29.98	30.24	29.54	70.6	69.3	82.9	78.8	65.7	64.1	68.3	68.7	85.7	66.5	76.1	96	55	63	61	60	64	62	77	75	47	60	65
September	30.00	30.12	30.30	29.65	67.6	65.4	80.4	75.1	62.9	61.0	65.6	65.5	83.0	62.5	72.8	96	49	60	58	57	60	58	77	78	46	60	65
October	30.00	30.12	30.46	29.66	60.6	58.0	71.6	66.3	55.7	54.1	58.9	57.5	74.1	54.7	64.4	96	35	52	51	49	50	50	73	77	47	58	64
November	29.96	30.08	30.40	29.28	45.3	41.8	58.3	52.7	41.1	38.6	47.4	45.6	61.3	39.4	50.4	75	28	36	34	35	37	36	69	76	43	56	61
December	29.99	30.11	30.47	29.26	39.1	37.7	46.0	42.4	36.3	34.8	39.5	37.8	49.5	34.3	41.9	66	24	32	30	30	31	31	75	75	55	64	67
Year	29.92	30.04	30.50	29.17	59.3	51.7	63.9	60.1	55.2	47.6	52.5	51.9	66.9	48.4	57.7	99	15	52	43	42	44	43	76	72	47	57	60

WICHITA, KANS.
Airport [ϕ=37°38′ N.; λ=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	28.60	30.17	29.20	28.14	32.5	30.4	36.7	36.8	31.7	29.9	34.7	34.8	41.5	27.3	34.4	57	12	30	29	32	32	31	91	93	82	82	87
February	28.64	30.12	28.98	27.62	31.0	28.4	37.4	37.6	29.4	27.2	33.5	33.8	43.8	25.4	34.6	61	16	27	25	28	28	27	84	88	69	71	78
March	28.62	30.09	29.06	28.95	35.7	32.4	44.7	45.8	33.1	30.7	38.4	39.4	50.7	30.5	40.6	74	19	29	28	30	31	30	77	83	58	60	70
April	28.49	29.92	28.92	27.98	52.6	50.3	62.1	61.2	49.5	48.1	53.9	53.7	66.8	47.3	57.0	80	36	47	46	47	47	47	82	86	61	64	73
May	28.53	29.94	28.95	28.19	63.5	61.2	74.3	73.7	60.4	58.7	64.7	64.5	78.7	59.5	69.1	92	47	58	57	59	59	58	84	86	61	62	73
June	28.50	29.90	28.73	28.24	67.8	65.2	78.6	77.7	64.6	63.1	67.4	67.3	83.2	62.2	72.7	96	52	63	62	61	62	62	85	90	58	61	73
July	28.54	29.94	28.77	28.27	73.9	69.9	86.8	85.9	67.5	66.2	71.1	70.5	92.2	67.8	80.0	103	60	64	64	64	63	64	74	83	48	50	64
August	28.53	29.93	28.72	28.20	73.6	70.1	84.6	85.3	69.5	68.1	71.9	72.1	90.1	69.1	79.6	102	63	68	67	66	66	67	82	91	56	54	71
September	28.53	29.94	28.99	28.17	67.2	63.4	77.5	76.3	63.1	60.8	66.0	65.8	83.0	61.4	72.2	98	42	61	59	60	60	60	80	87	57	59	71
October	28.58	30.01	28.92	28.06	57.2	54.4	62.7	61.3	55.3	53.5	57.3	57.2	67.5	51.2	59.4	86	30	54	52	53	54	54	89	94	74	79	84
November	28.62	30.08	28.96	28.26	41.4	38.2	50.3	46.9	39.7	37.1	44.9	43.6	55.8	35.1	45.4	72	20	38	36	39	40	38	87	91	67	78	81
December	28.58	30.05	29.04	27.96	36.7	34.2	43.9	41.5	34.8	33.0	38.9	37.7	48.2	31.9	39.6	64	15	32	31	33	33	32	84	89	67	73	78
Year	28.57	30.01	29.20	27.62	52.8	49.8	61.6	60.8	49.9	48.0	53.6	53.4	66.8	47.3	57.0	103	12	48	46	48	48	48	83	88	63	66	75

WILLISTON, N. DAK.
[ϕ=48°09′ N.; λ=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	28.12	30.20	28.49	27.74	13.1	9.0	14.3	16.5	12.0	8.1	12.7	14.9	22.5	4.1	13.3	44	−18	8	4	8	10	8	80	80	74	75	77
February	28.11	30.18	28.51	27.51	13.8	10.1	18.1	22.2	12.7	9.2	16.1	19.6	26.4	5.5	16.0	47	−21	9	6	10	13	10	79	82	69	67	74
March	28.12	30.17	28.66	27.61	24.3	20.5	29.7	32.4	22.4	19.2	26.3	27.8	36.2	16.9	26.6	67	−6	19	16	20	20	19	78	82	66	62	72
April	27.98	29.98	28.38	27.50	40.7	36.8	47.5	49.6	37.7	35.5	41.1	42.2	52.1	35.1	43.6	74	24	34	34	34	34	34	78	89	63	58	72
May	27.90	29.85	28.46	27.39	53.8	49.5	63.3	66.9	48.7	46.4	52.4	53.2	69.6	47.5	58.6	90	30	44	43	44	42	43	73	81	53	45	63
June	27.94	29.89	28.27	27.55	60.0	56.5	69.2	70.7	55.7	53.8	59.3	59.7	73.7	53.9	63.8	93	38	53	52	53	53	53	79	86	60	57	70
July	27.98	29.92	28.26	27.70	66.0	60.5	77.8	80.8	60.0	57.7	63.2	63.9	83.5	58.7	71.1	100	43	56	56	55	54	55	73	86	47	43	62
August	28.00	29.94	28.25	27.67	64.4	57.8	74.8	76.7	58.2	55.3	61.6	61.8	80.1	56.6	68.4	104	47	54	54	53	53	54	72	87	50	46	64
September	27.90	29.88	28.36	27.44	50.0	45.5	59.1	60.3	46.2	40.1	50.0	50.1	64.1	43.8	54.0	88	27	43	41	42	42	42	77	86	57	54	68
October	28.02	30.02	28.44	27.58	40.6	36.4	49.8	51.1	37.5	34.4	42.7	42.7	56.7	33.6	45.2	74	15	34	32	35	34	34	77	84	59	53	68
November	27.97	30.00	28.36	27.60	30.3	28.7	34.8	33.9	28.2	26.8	30.9	30.5	39.7	24.5	32.1	61*	−7	25	24	25	26	25	80	81	68	73	75
December	27.97	30.01	28.50	27.26	23.6	20.6	27.4	27.0	21.3	19.1	23.9	23.5	33.0	16.2	24.6	57	−14	17	16	18	17	17	74	80	66	64	71
Year	28.00	30.00	28.66	27.26	40.0	36.0	47.2	49.0	36.7	33.8	40.0	40.8	53.1	33.0	43.1	104	−21	33	32	33	33	33	77	84	61	58	70

[1] Pressure (station level) at airport adjusted to the old (city) station elevation: Washington ,112 feet; Wichita, 1,358 feet.
[2] Airport data beginning with July.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

WALLA WALLA, WASH.

[H=949 ft.; H_b=991 ft.; H_t=57 ft.; H_r=50 ft.; H_a=65 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	0.84 inch or over	Trace or more	0.01 inch or more melted	Hall	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	1.63	0.64	4.8	9.6	4.5	S.	19	SE.	0	0	2	29	12	9	7	4	0	17	16	15	12	9	0	0	18	0	0
February	1.10	.29	2.2	7.3	4.7	S.	21	SE.	0	5	4	19	8	8	1	1	0	9	9	9	8	0	0	0	13	0	0
March	.78	.23	.0	6.0	5.2	S.	28	W.	0	7	13	11	9	4	0	0	0	1	1	1	0	0	0	0	3	0	1
April	.96	.45	.0	5.5	6.1	S.	22	W.	0	12	3	15	8	5	0	0	0	0	0	0	0	0	0	0	0	0	1
May	4.09	.72	.0	6.9	6.5	S.	20	W.	0	6	5	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	3
June	3.04	1.33	.0	7.0	5.8	S.	20	SE.	0	5	9	16	13	11	0	0	0	0	0	0	0	0	3	1	0	0	3
July	.09	.09	.0	2.4	6.0	S.	24	W.	0	21	9	1	1	1	0	0	0	0	0	0	0	0	19	11	0	0	3
August	.74	.23	.0	5.7	5.3	S.	16	S.	0	11	7	13	7	5	0	0	0	0	0	0	0	0	14	5	0	0	3
September	1.67	.58	.0	6.7	6.0	S.	21	SW.	0	5	9	16	11	6	0	0	0	0	0	0	0	0	0	0	0	0	5
October	1.50	.40	.0	8.2	4.8	S.	24	W.	0	3	5	23	12	8	0	0	1	5	4	3	0	0	0	0	0	0	1
November	1.98	.99	T	7.5	4.6	S.	23	SE.	0	5	6	19	8	6	1	0	0	7	4	4	2	0	0	0	8	0	0
December	2.04	.79	4.3	9.3	6.5	S.	36	W.	1	1	0	30	18	11	7	4	0	8	6	4	2	7	0	0	11	0	0
Year	19.64	1.33	11.3	6.8	5.5	S.	36	W.	1	81	72	212	123	90	16	9	1	47	40	36	24	16	36	17	53	0	20

WASHINGTON, D. C.

Airport [H=14 ft.; H_b=65 ft.; H_t=68 ft.; H_r=70 ft.; H_a=89 ft.] City [H=72 ft.; H_b=112 ft.; H_t=62 ft.; H_r=42 ft.; H_a=85 ft.]

January	3.04	.96	3.2	6.0	7.8	NW.	26	NW.	0	11	5	15	11	6	6	3	0	8	1	1	0	2	0	0	22	0	0
February	.92	.44	2.0	4.4	9.4	NW.	35	NW.	1	12	8	8	6	3	6	3	0	5	3	3	0	3	0	0	25	0	0
March	2.57	1.57	11.2	5.1	9.2	NW.	28	NW.	0	11	11	9	6	4	8	2	0	2	1	0	0	1	0	0	20	0	0
April	2.73	1.13	.0	4.3	6.7	NW.	22	NW.	0	14	9	7	6	5	0	0	0	3	0	0	0	0	1	0	0	0	0
May	1.58	.57	.0	4.2	7.1	NW.	29	NW.	0	14	11	6	12	10	0	0	0	3	0	0	0	0	6	3	0	0	5
June	4.38	1.18	.0	5.4	5.2	SW.	24	NW.	0	13	6	11	10	9	0	0	0	8	0	0	0	0	9	1	0	0	7
July	5.67	1.81	.0	5.9	5.5	SW.	29	NW.	0	9	10	12	14	14	0	0	0	0	0	0	0	0	8	5	0	0	11
August	1.92	1.15	.0	3.5	5.5	NW.	18	N.	0	18	9	4	5	4	0	0	0	0	0	0	0	0	7	1	0	0	6
September	.53	.25	.0	3.6	5.7	SW.	25	NW.	0	17	8	5	5	3	0	0	0	5	2	0	0	0	0	1	0	0	1
October	1.08	.52	.0	5.0	5.8	NW.	24	NW.	0	12	11	8	7	4	0	0	0	5	1	0	0	0	5	2	0	0	1
November	.81	.56	.0	4.1	5.8	NW.	20	NW.	0	15	10	5	5	3	0	0	0	3	0	0	0	0	0	0	4	0	0
December	3.94	2.21	.2	5.4	7.1	NW.	29	NW.	0	9	11	11	9	7	2	1	0	12	3	1	1	0	0	0	17	0	1
Year	29.17	2.21	16.6	4.7	6.7	NW.	35	NW.	1	155	109	101	96	72	22	9	0	54	11	5	1	6	42	13	88	0	32

WICHITA, KANS.

Airport [H=1,372 ft.; H_b=1,402 ft.; H_t=5 ft.; H_r=3 ft.; H_a=63 ft.]

January	1.53	0.35	3.8	7.0	12.3	NW.	38	NW.	4	9	1	21	13	9	8	4	0	21	14	15	13	6	0	0	23	0	1
February	1.09	.51	4.5	6.3	13.7	NE.	50	NW.	4	10	2	16	9	7	10	7	0	10	1	1	1	3	0	0	24	0	0
March	1.11	.84	8.9	5.3	15.8	S.	43	NE.	6	12	10	9	8	4	8	5	0	9	1	0	0	1	0	0	21	0	1
April	2.83	.93	.0	7.1	16.2	S.	42	SE.	11	4	8	18	13	10	0	0	2	7	1	0	1	0	0	0	0	0	7
May	2.89	.98	.0	5.5	14.8	S.	36	S.	4	8	14	9	8	8	0	0	1	6	0	1	0	0	1	0	0	0	7
June	7.05	2.42	.0	5.6	13.4	S.	50	N.	4	9	12	9	10	7	0	0	0	5	1	1	1	0	8	1	0	0	8
July	2.41	1.56	.0	5.0	11.4	S.	52	NW.	1	11	11	9	7	5	0	0	1	4	1	1	1	0	20	13	0	0	5
August	3.54	1.01	.0	4.5	11.9	S.	49	NE.	5	11	17	3	12	10	0	0	1	11	1	1	1	0	18	10	0	0	14
September	4.29	2.52	.0	5.5	16.7	S.	42	SE.	7	12	7	11	9	5	0	0	0	9	2	3	2	0	8	1	0	0	4
October	4.81	.79	.2	7.3	14.1	S.	40	NW.	5	5	8	18	16	14	1	1	0	21	5	2	2	0	0	0	2	0	7
November	.78	.60	.2	4.8	13.4	S.	37	S.	6	13	5	12	5	3	2	1	0	10	4	1	1	0	0	0	15	0	0
December	.92	.36	3.6	6.3	15.0	S.	42	S.	5	9	5	17	6	4	5	3	1	13	4	5	3	2	0	0	17	0	1
Year	33.25	2.52	21.2	5.8	14.1	S.	52	NW.	62	113	100	152	116	86	34	21	6	126	35	31	26	12	55	25	102	0	55

WILLISTON, N. DAK.

[H=1,877 ft.; H_b=1,878 ft.; H_t=43 ft.; H_r=34 ft.; H_a=50 ft.]

January	0.33	0.16	4.2	5.8	6.5	SE.	23	NW.	0	11	8	12	4	3	10	4	0	11	5	4	2	23	0	0	31	14	0
February	.26	.09	3.1	3.8	6.3	SE.	27	NW.	0	14	7	7	4	3	11	4	0	7	3	3	3	16	0	0	28	9	0
March	.72	.53	7.3	5.9	7.7	SE.	35	NW.	1	9	10	12	5	3	11	5	0	7	3	2	0	12	0	0	31	3	0
April	1.73	.73	7.1	6.5	8.1	N.	23	SE.	0	7	9	14	10	7	8	5	1	3	0	0	0	1	0	0	11	0	2
May	2.81	1.04	.2	5.1	8.5	SE.	36	NW.	1	10	11	10	12	9	2	2	0	2	1	1	1	0	0	0	3	0	5
June	3.67	.84	.0	5.0	7.0	SE.	44	NW.	2	13	7	10	13	11	0	0	1	1	1	1	0	0	2	0	0	0	6
July	1.56	.55	.0	3.5	6.2	SE.	23	NW.	0	17	12	2	11	5	0	0	0	2	1	0	0	0	7	3	0	0	10
August	2.50	.89	.0	4.0	6.7	SE.	34	NW.	1	15	12	4	9	9	0	0	1	2	1	1	1	0	4	2	0	0	6
September	2.57	1.03	.0	5.2	7.6	N.	29	E.	0	11	9	10	11	9	0	0	0	2	1	1	1	0	0	0	2	0	5
October	.34	.14	.1	4.5	6.3	SW.	21	W.	0	17	5	9	5	3	3	1	0	5	3	3	3	0	0	0	7	0	1
November	.70	.45	7.0	5.9	8.2	W.	33	W.	1	8	8	14	9	3	13	6	0	2	1	1	1	8	0	0	22	1	0
December	.20	.13	1.9	4.8	6.8	S.	33	NW.	1	14	7	10	5	2	8	4	0	0	0	0	0	13	0	0	30	5	0
Year	17.39	1.04	30.9	5.0	7.1	SE.	44	NW.	7	146	105	114	98	67	66	31	3	44	20	17	12	73	13	5	165	32	35

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

WILMINGTON, N. C.
[ϕ=34°14′ N.; λ=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	30.07	30.15	30.46	29.67	43.2	39.8	52.8	47.6	40.5	37.7	44.7	42.6	54.8	37.3	46.0	71	25	37	34	34	36	35	78	80	51	64	69
February	29.90	29.98	30.21	29.33	39.6	35.8	48.6	45.1	35.7	33.1	40.4	38.9	51.4	33.4	42.4	64	26	29	28	28	30	29	68	73	48	57	61
March	29.95	30.03	30.28	29.39	45.5	42.3	55.3	51.2	41.9	38.9	45.5	44.1	58.6	39.5	49.0	70	27	37	34	33	35	34	73	72	45	55	61
April	30.00	30.07	30.33	29.46	59.2	58.4	73.0	64.6	56.2	54.8	59.5	56.9	74.6	55.0	64.8	89	45	54	52	49	51	51	83	79	46	63	68
May	29.95	30.02	30.31	29.61	64.9	64.6	78.4	70.7	61.0	59.7	63.2	62.0	80.6	60.3	70.4	94	45	58	56	53	56	56	80	75	43	61	65
June	29.93	30.00	30.20	29.54	73.1	74.1	81.3	76.8	71.1	70.8	71.8	71.6	83.8	70.0	76.9	93	60	70	69	67	69	69	91	85	64	78	80
July	29.94	30.01	30.12	29.70	76.9	77.5	85.5	79.8	74.9	75.0	75.9	75.2	86.8	73.9	80.4	96	70	74	74	72	73	73	91	89	65	81	82
August	29.93	30.00	30.21	29.66	76.0	76.0	85.4	79.6	73.4	72.7	74.5	74.2	87.5	72.3	79.9	95	62	72	71	70	72	71	88	85	61	78	78
September	30.03	30.10	30.25	29.81	71.9	71.2	84.3	77.0	69.7	68.4	72.1	71.0	85.9	68.3	77.1	94	58	69	67	66	68	67	90	87	56	75	77
October	30.07	30.14	30.35	29.73	66.6	63.7	78.1	71.3	64.4	61.2	67.2	65.3	79.8	61.6	70.7	88	48	63	59	60	62	61	88	86	56	74	76
November	30.04	30.11	30.41	29.50	53.0	49.8	66.6	59.2	50.2	47.2	55.6	53.3	68.7	46.7	57.7	80	32	48	45	46	48	46	82	82	49	67	70
December	30.04	30.12	30.42	29.56	48.1	45.1	58.6	52.5	45.4	43.1	50.6	48.3	60.7	42.5	51.6	74	30	42	40	43	44	42	81	84	58	73	74
Year	29.99	30.06	30.46	29.33	59.8	58.2	70.7	64.6	57.0	55.2	60.1	58.6	72.8	55.1	63.9	96	25	54	52	52	54	53	83	81	54	69	72

WINNEMUCCA, NEV.
[ϕ=40°58′ N.; λ=117°43′ 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	25.64	30.09	25.98	25.29	32.1	28.9	34.7	39.9	30.6	28.0	31.9	35.2	42.4	25.5	34.0	53	13	29	27	28	30	28	86	90	77	68	80
February	25.54	29.94	25.88	25.00	36.1	33.2	40.5	45.7	33.9	31.6	36.4	39.4	49.0	30.4	39.7	63	22	31	30	32	32	31	82	87	71	62	76
March	25.58	29.98	25.96	25.11	37.5	30.4	48.7	55.6	32.4	27.7	38.1	40.7	58.2	26.8	42.5	70	14	26	24	25	21	24	62	76	40	29	52
April	25.53	29.91	25.78	25.11	40.8	34.1	50.7	54.2	36.1	32.1	40.7	41.7	58.3	31.3	44.8	75	22	31	30	30	27	29	67	84	47	38	59
May	25.58	29.91	25.93	25.29	52.9	45.5	63.8	68.9	44.9	41.2	48.9	50.0	72.7	42.8	57.8	92	32	37	37	36	32	36	58	74	38	29	50
June	25.58	29.88	25.83	25.38	58.5	50.1	68.6	74.6	48.3	45.0	51.9	53.1	78.1	47.5	62.8	93	37	39	40	38	34	38	53	70	36	28	46
July	25.63	29.89	25.80	25.34	68.6	59.0	81.7	89.2	53.9	50.4	58.4	59.1	92.5	56.4	74.4	102	49	43	43	42	37	41	42	59	27	17	36
August	25.64	29.92	25.85	25.44	64.5	55.0	76.7	81.9	52.0	48.2	56.8	57.6	86.6	52.3	69.4	96	36	42	42	42	39	41	46	64	32	25	42
September	25.59	29.92	25.82	25.38	50.6	40.9	64.3	71.2	40.6	36.0	47.7	49.4	74.0	36.7	55.4	88	27	29	30	32	28	30	45	65	30	22	41
October	25.64	30.03	25.99	25.29	42.8	36.4	54.2	59.0	36.5	32.4	42.7	44.7	63.2	32.3	47.8	79	17	28	26	30	28	28	58	67	43	38	52
November	25.74	30.18	26.04	25.30	35.6	31.7	45.4	50.3	33.1	30.0	38.8	40.8	55.3	28.2	41.8	70	12	30	28	32	30	30	80	87	59	48	68
December	25.55	29.99	25.94	25.26	32.1	30.0	37.0	39.2	29.7	28.1	33.1	34.2	44.7	25.2	35.0	63	6	27	26	28	28	27	81	87	72	65	76
Year	25.60	29.97	26.04	25.00	46.0	39.6	55.5	60.8	39.3	35.9	43.8	45.5	64.6	36.3	50.4	102	6	33	32	33	30	32	63	76	48	39	56

YAKIMA, WASH.
[ϕ=46°36′ N.; λ=120°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	28.92	30.10	29.36	28.35	----	30.7	33.2	36.3	----	29.8	31.7	34.0	37.5	28.6	33.0	52	21	----	29	30	31	30	----	91	86	82	86
February	28.84	30.01	29.19	28.33	----	33.6	39.6	47.1	----	31.9	35.9	40.8	48.5	30.5	39.5	56	25	----	29	31	33	31	----	84	71	60	72
March	28.87	30.02	29.40	28.26	----	40.3	53.2	61.1	----	36.6	43.4	46.6	62.4	37.2	49.8	72	21	----	32	31	29	31	----	72	44	30	49
April	28.77	29.92	29.07	28.29	----	45.8	60.7	65.6	----	40.9	48.1	50.1	68.0	43.5	55.8	79	35	----	35	35	34	35	----	68	39	33	47
May	28.79	29.94	29.28	28.48	----	49.7	63.4	67.6	----	44.2	50.4	52.5	71.0	47.7	59.4	91	38	----	38	38	38	38	----	67	40	37	48
June	28.80	29.94	29.05	28.60	----	55.6	70.7	76.0	----	49.2	55.0	57.5	78.3	54.2	66.2	94	43	----	43	41	42	42	----	64	36	32	44
July	28.79	29.92	28.98	28.56	----	66.7	83.2	91.1	----	56.3	62.7	64.2	93.0	64.7	78.8	107	57	----	48	49	45	47	----	53	31	22	35
August	28.82	29.95	29.00	28.64	----	61.9	75.3	82.1	----	54.5	60.0	61.5	84.6	59.5	72.0	101	47	----	49	49	47	48	----	64	42	32	46
September	28.80	29.95	29.14	28.53	----	50.8	63.0	68.9	----	46.6	52.5	54.8	71.0	47.6	59.3	84	37	----	42	43	43	43	----	75	49	40	55
October	28.91	30.07	29.23	28.62	----	43.4	54.1	59.7	----	41.1	46.8	49.7	62.5	39.9	51.2	72	31	----	38	39	40	39	----	83	59	50	64
November	28.94	30.10	29.36	28.38	----	37.1	42.6	49.2	----	35.4	39.2	43.2	52.2	33.8	43.0	62	23	----	33	35	37	35	----	86	75	63	75
December	28.80	29.97	29.36	28.04	----	33.1	35.5	38.4	----	31.5	33.1	35.1	41.1	29.8	35.4	55	10	----	29	29	30	29	----	84	78	72	78
Year	28.84	29.99	29.40	28.04	----	45.7	56.2	61.9	----	41.5	46.6	49.2	64.2	43.1	53.6	107	10	----	37	38	37	37	----	74	54	46	58

YUMA, ARIZ.
[ϕ=32°45′ N.; λ=114°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	29.91	30.06	30.21	29.69	53.1	48.6	61.2	64.7	48.6	45.8	52.3	53.7	66.6	46.2	56.4	72	39	44	43	44	44	44	73	82	55	48	66
February	29.81	29.96	30.06	29.49	58.6	53.1	67.7	71.0	52.4	50.1	56.9	56.9	73.9	51.0	62.4	80	43	47	47	48	45	47	67	82	51	42	60
March	29.78	29.93	30.21	29.43	60.1	54.3	70.6	74.3	52.5	49.9	56.8	56.9	77.1	52.5	64.8	85	46	46	45	45	41	44	60	73	42	34	53
April	29.71	29.86	29.91	29.42	62.6	56.2	73.2	78.2	52.6	50.3	56.5	57.4	80.3	53.7	67.0	94	45	43	45	42	39	42	52	68	35	26	45
May	29.66	29.80	29.84	29.52	75.2	67.2	87.2	94.0	59.2	55.9	62.6	64.1	95.8	64.6	80.2	107	57	46	46	44	41	45	38	49	23	17	32
June	29.63	29.77	29.77	29.46	78.0	68.2	91.3	98.0	60.8	58.7	65.3	65.8	99.6	65.7	82.6	108	59	48	52	47	42	47	36	57	23	16	33
July	29.64	29.78	29.79	29.47	86.3	79.6	98.6	104.0	70.1	68.6	73.8	74.1	107.1	76.7	91.9	115	66	61	62	61	58	61	46	58	31	25	40
August	29.68	29.82	29.87	29.48	82.9	76.2	94.1	98.7	70.2	69.6	73.0	72.7	101.8	72.5	87.2	109	66	63	66	62	59	63	55	73	37	30	49
September	29.60	29.74	29.86	29.36	75.8	66.8	89.6	95.0	62.0	59.4	65.8	66.5	97.5	64.0	80.8	106	55	52	54	49	47	51	46	65	27	21	40
October	29.74	29.89	30.00	29.38	65.9	60.7	78.0	80.7	56.5	54.4	60.8	61.0	84.4	58.0	71.2	102	47	48	49	48	46	48	55	68	37	31	48
November	29.85	30.00	30.15	29.55	59.8	55.0	72.3	73.2	49.8	47.2	54.8	55.5	78.6	51.9	65.2	91	36	39	38	38	39	38	48	56	30	30	41
December	29.86	30.01	30.09	29.50	54.0	50.0	62.8	64.9	47.5	45.0	51.3	52.4	69.0	46.4	57.7	82	34	40	39	40	40	40	62	70	44	42	54
Year	29.74	29.89	30.21	29.26	67.7	61.3	78.9	83.1	56.8	54.6	60.8	61.4	86.0	58.6	72.3	115	34	48	49	47	45	48	53	67	36	30	47

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—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	0.84 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	1.62	0.77	T	5.0	8.6	N.	25	NW.	0	11	10	10	7	4	1	0	0	8	4	3	2	0	0	0	11	0	0
February	3.22	1.44	T	5.6	9.4	NW.	30	W.	0	11	6	11	7	6	2	0	0	8	3	2	1	0	0	0	15	0	0
March	3.03	1.40	0.0	5.5	10.7	NW.	33	SW.	1	10	10	11	9	7	0	0	0	5	0	0	0	0	0	0	7	0	1
April	2.65	1.21	.0	4.4	9.6	SW.	37	S.	2	13	9	8	5	5	0	0	0	9	0	0	0	0	0	0	0	0	6
May	.86	.79	.0	3.1	9.9	SW.	27	S.	0	22	4	5	4	2	0	0	1	7	1	1	1	0	3	0	0	0	3
June	5.51	1.79	.0	6.3	9.2	SW.	32	N.	1	7	10	13	16	15	0	0	0	12	3	3	3	0	2	0	0	0	11
July	7.79	2.15	.0	6.3	9.1	SW.	29	SW.	0	1	22	8	16	14	0	0	0	9	3	0	0	0	6	1	0	0	11
August	6.15	1.81	.0	4.8	8.1	SW.	26	NW.	0	10	14	7	9	9	0	0	0	2	2	2	2	0	6	2	0	0	10
September	1.07	.48	.0	4.2	8.5	NE.	21	W.	0	13	12	5	6	5	0	0	0	5	4	4	3	0	6	0	0	0	4
October	.65	.49	.0	4.4	7.9	NE.	29	NW.	0	11	13	7	3	3	0	0	0	16	10	5	5	0	0	0	0	0	0
November	.31	.19	.0	3.7	8.0	N.	27	S.	0	19	3	8	2	2	0	0	0	10	3	3	3	0	0	0	0	0	0
December	6.20	4.14	.0	5.2	8.1	NW.	28	SW.	0	12	6	13	8	8	0	0	0	12	6	5	4	0	0	0	3	0	1
Year	39.06	4.14	T	4.9	8.9	SW.	37	S.	4	140	119	106	92	80	3	0	1	103	39	28	24	0	23	3	36	0	47

WINNEMUCCA, NEV.

[H=4,288 ft.; H_b=4,339 ft.; H_t=5 ft.; H_r=3 ft.; H_a=56 ft.]

January	1.22	0.46	7.9	6.9	8.1	NE.	25	SW.	0	8	3	20	15	8	14	9	0	3	1	0	1	1	0	0	30	0	0
February	1.40	.37	1.6	7.6	8.3	NE.	29	SW.	0	5	3	20	12	8	4	1	3	4	1	1	0	0	0	0	17	0	0
March	.42	.22	2.1	4.7	7.2	NE.	26	SW.	0	13	8	10	3	3	1	1	1	0	0	0	0	0	0	0	26	0	0
April	1.04	.28	.4	6.9	7.6	NE.	34	SW.	2	4	9	17	11	6	10	2	0	1	0	0	0	0	0	0	19	0	1
May	1.77	1.18	T	6.5	8.9	SW.	34	SW.	2	5	9	17	12	4	3	0	2	1	0	0	0	0	1	0	1	0	7
June	1.02	.73	.0	6.1	7.4	SW.	29	E.	0	6	11	13	6	2	0	0	0	0	0	0	0	0	2	0	0	0	2
July	1.47	.62	.0	3.5	7.4	SW.	31	S.	0	19	9	3	5	5	0	0	0	0	0	0	0	0	23	14	0	0	11
August	.84	.38	.0	5.2	7.2	SW.	29	SE.	0	8	15	8	7	5	0	0	0	0	0	0	0	0	13	2	0	0	7
September	.12	.06	.0	3.6	7.1	NE.	32	W.	1	16	13	1	2	2	0	0	0	1	0	0	0	0	0	0	4	0	0
October	1.35	.48	T	5.4	7.2	NE.	25	NW.	0	13	4	14	7	6	3	0	0	2	0	0	0	0	0	0	14	0	1
November	1.24	.88	T	5.3	7.1	NE.	25	SW.	0	11	6	13	8	6	4	3	0	0	0	0	0	0	0	0	18	0	0
December	1.35	.32	11.1	7.5	7.9	SW.	58	SW.	2	5	6	20	12	7	14	8	0	2	1	0	0	4	0	0	25	0	0
Year	13.24	1.18	2.31	5.8	7.6	NE.	58	SW.	7	113	96	156	100	62	53	24	6	14	3	1	1	5	39	16	154	0	29

YAKIMA, WASH.

[H=1,068 ft.; H_b=1,076 ft.; H_t=58 ft.; H_r=52 ft.; H_a=67 ft.]

January	1.53	0.43	6.3	9.2	3.6	SE.	12	NE.	0	2	2	27	15	13	13	11	0	12	11	7	7	6	0	0	23	0	0
February	.82	.30	.5	6.4	4.1	NW.	13	N.	0	8	5	15	10	8	1	1	0	6	3	1	0	0	0	0	19	0	0
March	.24	.21	.0	4.5	5.6	NW.	25	SW.	0	13	9	9	2	1	0	0	0	0	0	0	0	0	0	0	5	0	0
April	.76	.24	.0	5.0	6.5	NW.	25	NW.	0	13	7	10	8	6	0	0	1	0	0	0	0	0	0	0	0	0	1
May	.56	.36	.0	6.5	7.0	NW.	30	SW.	0	5	12	14	7	4	0	0	0	0	0	0	0	0	2	0	0	0	0
June	.21	.11	.0	5.7	7.1	NW.	21	NW.	0	11	8	11	3	3	0	0	0	0	0	0	0	0	3	0	0	0	1
July	.09	.09	.0	2.4	7.4	NW.	25	SE.	0	20	10	1	1	1	0	0	0	0	0	0	0	0	22	9	0	0	2
August	.55	.27	.0	5.0	6.1	NW.	21	NW.	0	12	9	10	6	4	0	0	0	2	0	0	0	0	14	4	0	0	1
September	.41	.38	.0	5.6	5.5	NW.	24	W.	0	11	8	11	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
October	.28	.12	.0	5.8	4.7	NW.	22	SW.	0	8	10	13	8	3	0	0	0	4	3	2	1	0	0	0	1	0	0
November	.89	.30	T	6.9	3.7	NW.	26	NW.	0	6	7	17	11	7	1	0	0	10	8	7	4	0	0	0	13	0	0
December	1.46	.49	3.6	7.4	4.4	W.	27	NW.	0	5	6	20	15	9	13	8	0	12	8	5	4	3	0	0	23	0	0
Year	7.80	.49	10.4	5.9	5.5	NW.	30	SW.	0	114	93	158	91	60	28	20	1	46	33	22	16	9	41	13	84	0	5

YUMA, ARIZ.

[H=138 ft.; H_b=142 ft.; H_t=9 ft.; H_r=2 ft.; H_a=54 ft.]

January	0.83	0.61	0.0	4.1	4.9	N.	18	N.	0	16	8	7	4	4	0	0	0	3	3	2	2	0	0	0	0	0	1
February	.50	.33	.0	4.9	4.9	N.	28	N.	0	9	12	7	5	3	0	0	0	2	1	1	0	0	0	0	0	0	2
March	1.54	.60	.0	3.0	5.7	N.	29	W.	0	19	8	4	6	5	0	0	1	0	0	0	0	0	0	0	0	0	2
April	.28	.15	.0	2.6	5.7	W.	26	W.	0	20	6	4	2	2	0	0	0	0	0	0	0	0	4	0	0	0	0
May	.00	.00	.0	1.1	6.1	W.	24	NW.	0	27	4	0	0	0	0	0	0	0	0	0	0	0	25	18	0	0	0
June	.00	.00	.0	.7	5.6	W.	22	W.	0	29	1	0	0	0	0	0	0	0	0	0	0	0	28	25	0	0	0
July	.17	.17	.0	1.1	5.5	S.	25	SE.	0	27	2	2	1	1	0	0	0	0	0	0	0	0	31	30	0	0	3
August	2.16	1.01	.0	1.9	4.7	W.	29	SE.	0	24	2	5	5	5	0	0	0	0	0	0	0	0	30	28	0	0	6
September	.08	.08	.0	.6	4.6	SW.	17	W.	0	28	2	0	1	1	0	0	0	0	0	0	0	0	26	20	0	0	2
October	.36	.21	.0	2.1	5.5	W.	29	NW.	0	23	7	1	3	2	0	0	0	0	0	0	0	0	7	2	0	0	0
November	.37	.37	.0	1.6	6.3	N.	26	N.	0	23	6	1	1	1	0	0	0	1	0	0	0	0	2	0	0	0	0
December	.42	.30	.0	3.3	6.1	N.	25	W.	0	18	9	4	4	4	0	0	0	3	3	3	3	0	0	0	0	0	2
Year	6.71	1.01	.0	2.2	5.5	W.	29	W.	0	263	67	35	32	28	0	0	1	9	7	6	5	0	153	123	0	0	18

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ANCHORAGE, ALASKA
[ϕ=61°13′ N.; λ=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
	In. (1)	In. (1)	In.	In.	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	°	% (2)	% (2)	% (2)	% (2)	%
January	29.41	29.56	30.11	28.20	14.8	14.5	14.5	17.6	13.8	13.7	13.6	16.4	20.7	9.4	15.0	35	−7	11	11	10	13	11	83	86	83	82	83
February	29.56	29.71	30.09	28.36	28.2	26.2	24.4	31.5	26.1	24.5	23.1	28.6	33.9	21.8	27.8	52	5	22	21	20	24	22	78	82	85	71	79
March	29.48	29.63	29.91	28.88	32.7	29.2	28.7	36.5	30.0	27.3	26.9	32.5	38.5	25.5	32.0	47	9	26	24	24	26	25	74	79	80	66	75
April	29.43	29.63	30.01	29.00	40.8	36.4	38.1	45.3	37.9	34.8	35.8	40.5	47.6	33.3	40.4	54	27	34	33	33	34	33	78	86	81	67	78
May	29.69	29.84	30.16	29.10	47.5	41.1	46.4	51.6	43.1	38.9	42.5	45.3	54.0	38.8	46.4	64	34	38	36	38	38	38	71	84	74	62	73
June	29.71	29.86	30.01	29.40	56.5	50.4	55.4	60.2	52.5	48.2	51.4	54.2	62.1	48.6	55.4	71	40	49	46	48	50	48	77	86	77	69	77
July	29.73	29.92	30.11	29.38	57.7	52.0	56.5	62.0	53.6	49.9	53.0	55.4	64.0	49.9	57.0	71	38	50	48	50	50	50	77	87	80	67	78
August	29.89	30.03	30.19	29.55	60.2	53.5	57.1	65.0	56.7	51.9	54.1	58.4	67.5	51.0	59.2	75	43	54	50	52	54	53	81	90	83	69	81
September	29.73	29.88	30.06	29.17	49.1	44.4	47.8	55.4	46.2	42.3	44.9	49.5	56.5	40.2	48.4	65	30	43	40	41	44	42	80	84	80	66	78
October	29.46	29.63	30.14	28.42	33.3	29.9	29.7	38.4	31.0	28.4	28.4	34.8	39.6	25.6	32.6	53	11	27	26	26	29	27	78	83	85	70	79
November	29.51	29.66	30.28	28.95	20.2	19.2	18.1	22.4	19.3	18.1	17.7	21.0	25.1	13.7	19.4	42	2	17	15	16	17	16	86	83	89	80	84
December	29.39	29.54	30.01	28.71	17.3	16.5	17.3	19.6	16.4	15.6	16.5	18.8	23.4	12.3	17.8	52	−9	14	14	15	17	15	87	88	90	87	88
Year	29.59	29.74	30.28	28.20	38.2	34.4	36.2	42.1	35.6	32.8	34.0	38.0	44.4	30.8	37.6	75	−9	32	30	31	33	32	79	85	82	71	79

BARROW, ALASKA
[ϕ=71°23′ N.; λ=156°17′ 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) 30.10	(1) 30.11	30.76	29.08	(2) -13.7	(2) -14.5	(2) -14.5	(2) -13.7	(2) -13.8	(2) -14.6	(2) -14.7	(2) -13.8	-8.8	-19.5	-14.2	20	−36	(2) -15	(2) -16	(2) -17	(2) -15	-16	----	----	----	----	----
February	30.24	30.26	31.26	29.28	-10.4	-11.0	-11.5	-9.0	−9.7	-10.3	-10.7	−9.1	−4.7	-16.4	-10.6	12	−38	-11	-11	-12	-10	-11	----	----	----	----	----
March	30.23	30.25	30.70	29.58	-19.4	-20.9	-20.2	-14.6	-19.4	-21.0	-20.3	-14.7	-12.5	-24.7	-18.6	0	−42	-20	-22	-21	-15	-20	----	----	----	----	----
April	30.12	30.13	30.66	29.74	−.6	−4.6	−1.9	3.4	−.8	−4.7	−2.1	3.1	4.6	-7.9	−1.6	14	−15	−2	−5	−3	2	−2	----	----	----	----	----
May	29.96	29.98	30.46	29.59	21.4	19.3	20.3	23.1	20.9	19.0	19.8	22.4	25.0	16.6	20.8	41	4	20	18	19	21	20	----	----	----	----	----
June	29.92	29.93	30.56	29.32	33.3	30.5	33.1	36.0	32.0	29.7	31.7	34.1	38.6	28.0	33.3	62	17	30	29	30	32	30	----	----	----	----	----
July	29.82	29.83	30.26	29.29	34.6	32.6	34.8	36.4	33.9	32.2	34.0	35.3	38.3	31.0	34.6	50	28	33	32	33	34	33	----	----	----	----	----
August	30.01	30.03	30.59	29.56	37.7	36.8	38.9	41.0	37.0	36.5	38.1	39.9	43.9	33.6	38.8	59	27	36	36	37	39	37	----	----	----	----	----
September	30.03	30.05	30.77	29.33	30.7	30.4	31.0	33.8	29.8	29.8	29.9	32.6	35.8	27.3	31.6	55	16	28	29	28	31	29	----	----	----	----	----
October	29.85	29.87	30.50	29.41	13.8	13.6	12.8	13.2	13.4	13.2	12.3	12.9	17.6	7.0	12.3	33	−11	12	12	11	12	12	----	----	----	----	----
November	29.95	29.97	30.49	29.02	−2.0	−3.0	−2.8	−3.6	−3.1	−3.2	−3.0	−3.8	3.2	−9.7	−3.2	22	−31	−5	−4	−4	−5	−5	----	----	----	----	----
December	29.72	29.74	30.48	29.32	−4.8	−4.5	−4.3	−5.6	−5.0	−4.7	−4.6	−5.8	.7	-10.3	−4.8	19	−33	−7	−6	−7	−8	−7	----	----	----	----	----
Year	30.00	30.01	31.26	29.02	10.0	8.7	9.6	11.7	9.6	8.5	9.2	11.1	15.1	4.6	9.9	62	−42	8	8	8	10	8	----	----	----	----	----

BETHEL, ALASKA
[ϕ=60°48′ N.; λ=101°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	(1) 29.59	(1) 29.63	30.14	28.92	(2) −3.9	(2) −4.9	(2) −4.2	(2) −0.0	(2) −4.5	(2) −5.4	(2) −4.8	(2) −0.9	2.3	−9.3	−3.5	21	−36	(2) -10	(2) -11	(2) -11	(2) −8	-10	(2) 75	(2) 73	(2) 70	(2) 68	72
February	29.49	29.53	30.20	28.34	17.9	16.3	15.6	20.4	16.4	15.4	14.4	18.5	24.5	8.8	16.6	40	−17	13	13	11	14	13	78	84	81	75	80
March	29.59	29.63	30.38	29.00	15.8	12.5	10.3	19.8	14.7	11.7	9.5	18.0	23.1	7.5	15.3	42	−23	11	8	6	13	9	78	80	80	72	78
April	29.51	29.55	30.22	28.97	34.2	27.8	28.2	37.5	31.9	26.9	27.1	34.0	40.2	23.6	31.9	55	8	28	26	25	29	27	80	90	88	71	82
May	29.74	29.79	30.21	29.29	43.9	35.7	37.0	45.6	40.4	34.6	35.5	41.3	48.9	32.5	40.7	58	26	36	33	34	36	35	75	90	87	70	80
June	29.79	29.81	30.12	29.46	60.7	49.4	52.8	63.5	53.5	47.5	49.9	54.6	66.8	44.0	55.4	79	34	48	46	47	47	47	64	87	82	67	72
July	29.83	29.88	30.14	29.27	57.2	49.9	51.2	57.5	52.6	48.3	49.3	52.8	60.1	46.5	53.3	72	37	49	47	48	49	48	74	89	88	74	82
August	29.99	30.03	30.40	29.44	59.4	51.0	51.7	60.6	54.4	49.7	50.3	55.1	62.9	47.0	55.0	78	37	51	48	49	51	50	75	91	91	73	82
September	29.81	29.85	30.28	29.97	49.1	43.6	42.6	53.0	46.0	42.2	41.3	47.8	55.3	37.8	46.6	65	26	43	41	40	42	41	80	89	90	60	82
October	29.60	29.65	30.20	28.99	33.8	31.3	30.4	37.4	32.4	30.2	29.3	34.6	39.1	26.6	32.8	52	11	30	28	28	30	29	85	88	88	75	84
November	29.80	29.84	30.65	28.74	16.5	14.3	14.0	20.3	15.4	13.4	13.0	18.8	23.2	7.2	15.2	41	−10	12	10	9	14	11	81	80	80	75	79
December	29.35	29.40	29.88	28.65	18.8	13.2	13.8	15.8	14.2	12.1	12.5	14.4	21.4	8.7	12.6	39	−21	10	8	8	9	8	77	77	76	73	76
Year	29.67	29.72	30.65	28.34	33.6	28.3	28.6	36.0	30.6	27.2	27.3	32.4	39.0	23.0	31.0	79	−36	27	25	24	27	26	77	85	83	71	79

DUTCH HARBOR, ALASKA
[ϕ=53°54′ N.; λ=166°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	(1) 29.35	(1) 29.37	29.92	28.76	----	(4) 34.1	----	(4) 35.3	----	31.2	----	32.4	35.9	29.0	32.4	42	13	----	(4) 28	----	(4) 30	29	----	(4) 83	----	(4) 83	83
February	29.23	29.26	29.97	28.02	----	33.8	----	36.1	----	32.2	----	34.1	38.3	30.5	34.4	48	18	----	30	----	31	30	----	84	----	82	83
March	29.51	29.52	30.17	28.91	----	31.9	----	34.7	----	30.1	----	31.9	38.3	29.0	32.6	48	18	----	27	----	27	27	----	80	----	73	77
April	29.43	29.44	30.19	28.61	----	34.0	----	38.6	----	33.5	----	35.9	40.6	32.2	36.1	48	25	----	30	----	32	31	----	84	----	77	80
May	29.79	29.81	30.23	29.21	----	38.8	----	43.5	----	36.7	----	40.6	45.9	36.2	41.0	56	32	----	34	----	37	35	----	85	----	78	82
June	29.82	29.82	30.22	29.40	----	45.3	----	50.6	----	43.6	----	47.8	52.6	44.0	48.3	60	41	----	42	----	46	44	----	88	----	82	85
July	29.93	29.92	30.43	29.34	----	48.3	----	53.0	----	46.5	----	49.8	55.0	46.5	50.8	70	39	----	44	----	47	46	----	87	----	80	84
August	30.01	30.00	30.55	29.24	----	53.0	----	57.4	----	51.3	----	54.4	60.2	50.9	55.6	74	48	----	50	----	52	51	----	90	----	84	87
September	29.80	29.81	30.40	29.06	----	51.2	----	55.6	----	49.2	----	51.8	57.2	48.6	52.9	73	41	----	47	----	48	48	----	87	----	78	82
October	29.67	29.67	30.34	28.76	----	43.9	----	46.3	----	41.3	----	42.9	48.1	40.5	44.3	56	34	----	38	----	39	39	----	81	----	77	79
November	29.77	29.78	30.46	28.60	----	39.7	----	41.0	----	36.9	----	37.6	43.0	35.1	39.0	54	26	----	33	----	33	33	----	77	----	74	75
December[6]	29.33	29.34	30.07	28.43	----	34.1	----	35.7	----	32.2	----	33.6	38.2	29.7	34.0	44	23	----	29	----	30	30	----	82	----	81	83
Year	29.64	29.64	30.55	28.02	----	40.7	----	44.0	----	38.6	----	41.1	45.9	37.7	41.8	74	13	----	36	----	38	37	----	84	----	79	82

[1] No diurnal change.
[2] Hours 8.30 a.m. and 8.30 p.m., 150th meridian time.
[3] Hours 2:30 a.m. and 2:30 p.m., 150th meridian time.
[4] Hours 12 m. (noon), 165th meridian time.
[5] Hours 12 p.m. (midnight), 166th meridian time.
[6] Data for 16 days.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

ANCHORAGE, ALASKA

[H=101 ft.; H_b=135 ft.; H_t=36 ft.; H_r=34 ft.; H_a=47 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: 0.84 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	1.30	0.94	19.0	6.0	6.5	NE.	32	N.	1	10	4	17	6	4	12	6	0	10	5	3	3	30	0	0	31	5	0
February	.73	.44	3.2	6.2	6.1	N.	26	SE.	0	9	4	15	8	3	11	5	0	5	3	3	1	13	0	0	24	0	0
March	.44	.17	5.0	7.1	5.3	N.	25	SE.	0	5	5	21	9	6	13	8	0	2	1	0	0	5	0	0	28	0	0
April	1.40	.74	6.0	8.6	5.0	N.	22	SE.	0	1	4	25	11	6	7	5	0	2	2	1	0	0	0	0	6	0	0
May	.64	.25	.0	7.1	5.9	W.	20	SE.	0	3	11	17	12	4	0	0	0	0	0	0	0	0	0	0	0	0	1
June	2.62	1.09	.0	8.0	5.0	W.	18	S.	0	1	9	20	14	10	0	0	0	0	0	0	0	0	0	0	0	0	1
July	1.88	.63	.0	7.9	5.5	S.	18	SE.	0	2	6	23	16	9	0	0	0	1	0	0	0	0	0	0	0	0	0
August	.23	.16	.0	6.2	4.1	W.	13	SE.	0	7	10	14	5	2	0	0	0	10	6	5	3	0	0	0	0	0	0
September	.89	.38	.0	6.3	4.8	N.	23	N.	0	6	9	15	8	5	0	0	0	4	1	1	1	0	0	0	2	0	0
October	1.43	.67	3.5	6.5	5.3	N.	34	N.	1	7	7	17	9	6	4	1	0	4	4	4	2	5	0	0	21	0	0
November	1.02	.45	10.8	4.8	7.1	N.	44	N.	2	13	6	11	9	8	11	7	0	8	6	3	3	24	0	0	30	0	0
December	.33	.13	1.5	6.8	4.9	N.	36	SE.	1	10	1	20	6	3	9	4	0	12	6	5	3	24	0	0	30	8	0
Year	12.91	1.09	49.0	6.8	5.4	N.	44	N.	5	74	76	215	113	66	67	36	0	58	34	25	16	101	0	0	172	13	2

BARROW, ALASKA

[H=18 ft.; H_b=13 ft.; H_t=4 ft.; H_r=3 ft.; H_a=30 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: 0.84 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	0.18	0.13	1.6	------	9.7	------	------	------	------	------	------	------	4	1	14	4	0	1	0	0	0	31	0	0	31	30	0
February	.14	.05	.9	------	13.8	------	------	------	------	------	------	------	7	0	13	7	0	11	1	0	0	28	0	0	28	27	0
March	.06	.03	.7	------	12.5	E.	------	------	------	------	------	------	4	0	8	4	0	10	1	0	0	31	0	0	31	31	0
April	.07	.05	.5	4.5	17.0	E.	------	------	------	------	------	------	3	1	12	3	0	3	0	0	0	30	0	0	30	28	0
May	.16	.07	.7	------	12.9	E.	------	------	------	------	------	------	5	2	22	4	0	13	2	5	7	28	0	0	31	0	0
June	.06	.05	T	------	10.4	E.	------	------	------	------	------	------	3	1	11	0	0	14	5	6	9	11	0	0	24	0	0
July	.63	.22	T	8.3	10.5	E.	------	------	------	------	------	------	12	6	11	4	0	21	13	11	5	0	0	0	23	0	0
August	1.06	.46	T	8.2	13.4	E.	------	------	------	------	------	------	11	8	5	0	0	20	11	11	7	1	0	0	13	0	0
September	.72	.33	T	7.9	13.5	E.	------	------	------	------	------	------	9	4	16	4	0	9	3	2	1	9	0	0	24	0	0
October	.32	.10	2.5	7.8	14.1	SE.	------	------	------	------	------	------	10	3	25	10	0	9	3	3	1	30	0	0	31	11	0
November	.33	.09	3.1	6.7	13.6	SE.	------	------	------	------	------	------	11	3	19	11	0	3	0	1	0	30	0	0	30	24	0
December	.22	.07	4.2	5.9	16.9	E.	------	------	------	------	------	------	9	2	13	9	0	1	1	2	1	31	0	0	31	25	0
Year	3.95	.46	14.2	------	13.2	E.	------	------	------	------	------	------	88	31	169	60	0	115	40	41	31	26	0	0	327	176	0

BETHEL, ALASKA

[H=16 ft.; H_b=38 ft.; H_t=7 ft.; H_r=2 ft.; H_a=33 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: 0.84 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	0.03	0.02	0.4	4.1	------	NE.	43	NE.	3	16	7	8	2	0	7	2	0	1	1	1	0	31	0	0	31	26	0
February	.47	.22	5.5	7.3	------	NE.	33	NE.	1	5	7	16	8	5	15	8	0	4	1	1	1	15	0	0	28	8	0
March	.48	.16	1.4	6.4	------	NE.	29	SE.	0	8	6	17	7	4	13	7	0	4	2	1	0	19	0	0	31	8	0
April	.22	.06	.7	7.6	------	NE.	26	NE.	0	2	8	20	10	2	13	5	0	6	3	0	0	6	0	0	27	0	0
May	1.78	.45	T	8.9	------	S.	36	S.	1	0	3	28	17	11	5	0	1	12	5	2	0	0	0	0	13	0	0
June	1.36	.58	.0	7.7	------	S.	------	------	------	3	6	21	12	9	0	0	0	8	5	2	0	0	0	0	0	0	2
July	2.32	.45	.0	9.2	------	NW.	------	------	------	1	1	29	18	13	0	0	0	10	1	1	0	0	0	0	0	0	0
August	2.80	.82	.0	8.1	------	S.	------	------	------	4	6	21	17	13	0	0	0	19	6	4	1	0	0	0	0	0	0
September	3.50	1.19	.0	8.0	------	NE.	------	------	------	2	10	18	14	12	0	0	0	14	7	7	0	0	0	0	4	0	0
October	1.67	.45	.5	7.1	------	NE.	------	------	------	5	9	17	14	10	8	1	0	7	5	3	0	7	0	0	18	0	0
November	2.23	.87	7.8	5.7	------	NE.	------	------	------	10	9	11	11	6	14	8	0	5	0	0	0	21	0	0	29	7	0
December	.58	.23	5.9	7.6	------	NE.	------	------	------	3	8	20	12	5	20	11	0	10	9	3	1	20	0	0	30	12	0
Year	17.44	1.19	22.2	7.3	------	NE.	------	------	------	59	80	226	142	90	95	42	1	100	45	25	3	119	0	0	211	61	2

DUTCH HARBOR, ALASKA

[H=25 ft.; H_b=13 ft.; H_t=3 ft.; H_r=2 ft.; H_a=37 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: 0.84 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	7.85	1.68	16.2	8.1	------	C.[1]	------	------	------	3	5	23	28	24	12	11	------	------	------	------	------	6	0	0	19	0	0
February	5.40	.70	11.5	7.7	------	C.[1]	------	------	------	2	7	19	23	20	14	9	------	------	------	------	------	2	0	0	15	0	0
March	3.89	1.06	------	8.0	------	N.	------	------	------	0	6	25	27	22	------	------	------	------	------	------	------	7	0	0	20	0	0
April	6.44	1.62	------	------	------	NE.	25	N.	------	0	7	23	26	19	------	------	------	------	------	------	------	0	0	0	15	0	1
May	7.81	3.64	1.1	7.7	------	SW.	------	------	------	2	10	19	23	18	6	3	------	------	------	------	------	0	0	0	1	0	0
June	3.99	1.57	.0	7.8	------	NE.	------	------	------	4	6	20	13	9	0	0	------	9	0	0	0	0	0	0	0	0	0
July	2.02	.49	.0	8.2	------	NW.	------	------	------	2	5	24	16	11	0	0	------	6	0	0	0	0	0	0	0	0	0
August	2.89	1.04	.0	8.7	------	S.	------	------	------	0	5	26	17	11	0	0	------	11	1	1	0	0	0	0	0	0	0
September	4.97	.84	.0	8.3	------	SW.	------	------	------	1	8	21	25	19	0	0	------	2	1	1	0	0	0	0	0	0	0
October	10.33	2.41	T	8.5	------	SW.	------	------	------	3	6	22	28	21	6	0	------	0	0	0	0	0	0	0	0	0	0
November	6.81	2.23	T	8.2	------	SW.	------	------	------	2	5	23	19	14	15	0	------	1	0	0	0	0	0	0	8	0	0
December[2]	------	------	------	------	------	NW.	------	------	------	2	3	13	------	------	------	------	------	------	------	------	------	0	0	0	15	0	0
Year	63.20	3.64	28.8	6.8	------	SW.	------	------	------	21	73	258	245	188	------	------	------	------	------	------	------	15	0	0	93	0	1

[1] Wind, calm.
[2] Data for 18 days.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

FAIRBANKS, ALASKA
[ϕ=64°51′ N.; λ=147°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
	In. (1)	In. (1)	In.	In.	° (2)	° (2)	° (3)	° (3)	° (3)	° (3)	° (3)	° (3)	°	°	°	°	°	° (3)	° (3)	° (3)	° (3)	°	% (4)	% (4)	% (5)	% (5)	%
January	29.32	29.90	30.09	28.04	-13.9	-16.4	-15.2	-8.9	-14.5	-16.9	-15.6	-9.5	-4.9	-22.6	-13.8	13	-42	-21	-22	-20	-16	-20	69	72	75	70	72
February	29.33	29.88	29.97	28.12	8.7	5.1	3.8	20.2	7.2	3.9	2.9	17.4	23.0	-3.1	10.0	44	-25	2	0	0	9	3	73	77	81	61	73
March	29.28	29.82	29.92	28.65	16.2	6.6	9.6	26.8	14.1	5.8	8.5	22.1	28.4	1.5	15.0	45	-28	8	2	5	11	7	67	82	79	51	70
April	29.17	29.69	29.74	28.73	38.0	29.5	36.8	47.8	33.3	27.7	32.1	38.8	49.3	25.7	37.5	60	11	26	24	25	26	26	62	81	61	44	62
May	29.28	29.80	29.78	28.74	52.2	39.7	49.4	56.5	44.6	37.5	43.3	46.1	59.0	36.6	47.8	71	28	36	35	36	34	35	56	83	62	47	62
June	29.29	29.79	29.76	28.91	66.4	50.5	62.3	71.3	54.7	47.3	53.1	55.4	74.7	48.4	61.6	82	34	45	44	45	42	44	49	80	56	36	55
July	29.36	29.87	29.69	29.01	62.3	51.4	57.6	63.9	54.5	49.4	52.7	54.8	67.6	49.6	58.6	80	37	48	48	49	48	48	63	88	74	58	71
August	29.53	30.04	29.83	29.14	60.4	49.2	56.0	68.2	54.4	48.0	52.6	56.5	70.1	46.5	58.3	80	37	50	47	49	48	48	70	92	76	50	72
September	29.44	29.96	29.77	29.01	43.7	37.1	40.6	52.9	40.0	35.2	37.8	44.3	54.3	33.6	44.0	67	23	35	32	34	34	34	72	84	77	50	71
October	29.22	29.76	29.75	28.38	22.9	19.9	19.3	30.0	21.8	19.3	18.5	26.7	31.5	14.8	23.2	56	-6	20	18	17	21	19	87	92	90	69	84
November	29.37	29.93	30.18	28.73	-0.3	-1.0	-1.6	3.5	-0.6	-1.3	-2.0	3.0	7.5	-10.8	-1.6	35	-38	-2	-3	-4	1	-2	92	92	86	89	90
December	29.17	29.75	29.73	28.52	-9.0	-10.3	-10.4	-8.1	-9.3	-10.6	-10.8	-8.4	-0.3	-17.0	-8.6	37	-44	-12	-12	-14	-11	-12	87	90	85	86	87
Year	29.31	29.85	30.18	28.04	29.0	21.8	25.7	35.3	25.0	20.4	22.8	28.9	38.4	16.9	27.7	82	-44	20	18	18	21	19	71	84	75	59	72

KETCHIKAN, ALASKA
[ϕ=55°21′ N.; λ=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.	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)			(4)	(5)	(4)	(5)	(4)	(5)	(4)	(5)						(4)	(5)	(4)	(5)		(4)	(5)	(4)	(5)	
January	29.70	29.72	30.15	29.06	37.5	37.2	38.1	40.3	35.7	35.8	36.1	38.0	43.2	32.8	38.0	52	13	33	34	33	35	34	84	87	83	80	84
February	29.86	29.88	30.35	29.06	36.2	33.6	37.2	42.1	33.6	31.9	34.2	37.3	44.1	30.9	37.5	57	19	29	28	29	30	29	76	82	73	63	74
March	29.91	29.93	30.52	29.40	40.7	39.6	42.5	46.7	38.8	38.0	40.2	42.4	48.3	36.1	42.2	59	27	36	36	37	37	37	85	87	82	72	82
April	29.91	29.93	30.46	29.35	44.8	42.0	49.2	51.5	42.4	40.6	45.2	46.2	53.9	39.6	46.8	64	31	40	39	41	40	40	83	89	74	68	79
May	29.90	29.93	30.57	29.28	47.7	44.9	52.4	55.4	44.9	43.1	47.3	48.3	57.7	42.8	50.2	77	35	42	41	42	41	42	81	87	70	63	75
June	29.95	29.97	30.21	29.67	53.9	51.2	57.0	59.3	51.4	50.0	53.1	53.4	62.6	49.5	56.0	78	42	49	49	50	48	49	85	92	78	69	81
July	30.05	30.07	30.30	29.67	58.2	55.0	60.5	64.2	54.9	52.9	55.8	57.2	66.0	53.4	59.7	86	47	52	51	52	52	52	82	87	76	67	78
August	30.00	30.02	30.28	29.70	57.9	55.1	63.1	63.6	55.8	54.0	58.2	58.5	68.5	53.7	61.1	81	50	54	53	55	53	54	88	93	75	67	81
September	29.86	29.88	30.29	29.42	51.1	49.6	55.7	58.2	49.5	48.4	51.9	52.4	60.0	47.0	53.5	71	38	48	47	49	47	48	90	92	78	70	83
October	29.80	29.82	30.22	29.23	47.6	47.2	49.2	50.1	46.1	46.1	47.3	47.8	52.0	44.0	48.0	57	34	45	45	45	45	45	90	92	87	85	89
November	29.73	29.76	30.38	28.71	41.3	40.9	41.0	43.3	39.7	39.5	39.5	41.1	46.3	36.7	41.5	55	29	38	38	38	38	38	88	90	88	84	87
December	29.69	29.71	30.57	28.96	36.3	35.4	36.1	37.0	34.3	33.6	33.9	35.1	40.7	32.0	36.4	48	22	32	31	31	32	32	83	84	82	84	83
Year	29.86	29.88	30.57	28.71	46.1	44.3	48.5	51.0	43.9	42.8	45.2	46.5	53.6	41.5	47.6	86	13	42	41	42	42	42	85	88	79	73	81

KODIAK, ALASKA
[ϕ=57°48′ N.; λ=152°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
	(1)	(1)			(2)	(3)	(2)	(3)	(2)	(3)	(2)	(3)						(3)	(4)	(2)	(4)						
January	29.22	29.39	29.93	28.20	------	34.1	33.6	35.3	------	32.8	32.2	33.8	37.9	31.1	34.5	43	14	----	31	30	31	31	----	----	----	----	----
February	29.40	29.57	29.98	28.23	------	35.3	35.3	38.8	------	34.0	34.0	36.7	40.7	32.3	36.5	44	26	----	32	32	34	33	----	----	----	----	----
March	29.32	29.29	29.82	28.85	------	33.8	35.4	39.8	------	------	------	------	41.8	32.6	37.2	48	22	----	31	32	34	32	----	----	----	----	----
April	29.35	29.52	29.88	28.54	------	38.7	38.2	43.2	------	37.5	37.9	40.6	45.5	------	------	57	------	----	36	36	37	36	----	----	----	----	----
May	29.65	29.82	30.13	29.10	------	40.5	43.9	48.7	------	38.7	40.9	44.0	52.0	------	------	63	------	----	37	37	39	38	----	----	----	----	----
June	------	------	29.98	29.41	------	------	50.6	54.7	------	------	48.5	51.2	57.7	------	------	70	------	----	----	47	48	48	----	----	----	----	----
July	------	------	30.05	29.61	------	------	------	------	------	------	------	------	60.8	------	------	67	------	----	----	----	----	----	----	----	----	----	----
August	29.90	30.02	30.21	29.48	57.1	54.4	56.9	61.2	54.6	53.0	54.6	56.6	63.6	52.0	57.8	77	49	53	52	53	53	53	----	----	----	----	----
September	29.66	29.82	30.11	28.93	52.1	49.9	54.0	57.7	49.2	47.5	50.3	52.4	60.4	47.1	53.8	70	40	46	45	47	48	46	----	----	----	----	----
October	29.37	29.54	29.96	28.08	43.5	42.1	42.6	46.3	40.7	38.9	39.6	42.6	48.4	36.8	42.6	57	24	37	34	36	38	36	----	----	----	----	----
November	29.44	29.60	30.14	28.90	30.9	31.8	31.8	34.2	28.6	29.6	29.8	31.2	37.8	26.3	32.0	50	13	24	26	26	30	27	----	----	----	----	----
December	29.19	29.37	29.80	28.37	34.8	33.9	34.5	36.5	33.3	32.3	33.1	34.6	38.2	29.0	33.6	44	21	30	29	31	31	30	----	----	----	----	----
Year	29.47	29.62	30.21	28.08	------	------	------	------	------	------	------	------	48.7	------	------	77	13	----	----	----	----	----	----	----	----	----	----

JUNEAU, ALASKA
[ϕ=58°18′ N.; λ=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
	(1)	(1)			(4)	(5)	(4)	(5)	(4)	(5)	(4)	(5)						(4)	(5)	(4)	(5)		(4)	(5)	(4)	(5)	
January	29.64	29.73	30.18	28.99	30.9	30.5	31.1	32.2	28.7	28.3	28.5	29.4	35.9	26.4	31.2	46	5	25	24	23	24	24	78	75	72	72	74
February	29.85	29.94	30.22	28.86	33.4	32.9	32.8	35.6	30.2	30.0	29.9	31.6	37.9	29.4	33.6	55	14	22	23	23	22	23	67	70	70	61	67
March	29.80	29.89	30.30	29.38	38.5	37.7	39.6	42.9	36.5	35.8	36.6	38.7	44.5	34.6	39.6	56	24	34	33	32	33	33	83	84	76	69	78
April	29.81	29.90	30.42	29.30	44.0	41.6	45.1	49.2	41.2	39.8	41.7	43.5	50.9	39.5	45.2	62	34	38	38	38	37	38	80	86	76	64	76
May	29.82	29.91	30.46	29.20	48.2	43.4	50.4	55.2	44.0	41.3	44.5	46.2	56.6	41.9	49.2	78	37	40	39	38	36	38	72	84	64	53	69
June	29.85	29.94	30.13	29.59	55.8	51.6	56.4	60.5	51.3	49.4	51.5	52.8	62.2	50.0	56.1	79	45	47	47	47	46	47	76	86	73	63	74
July	29.97	30.06	30.24	29.59	56.0	53.1	55.8	59.7	53.3	51.5	52.8	54.0	61.5	51.9	56.7	72	49	51	50	50	49	50	84	90	81	71	82
August	29.96	30.05	30.20	29.67	57.6	53.0	58.7	66.2	54.2	51.3	54.0	56.8	68.4	51.1	59.8	81	40	51	50	50	49	50	81	90	75	58	75
September	29.79	29.88	30.24	29.42	48.9	46.5	50.3	55.6	46.6	45.0	47.2	49.0	57.6	44.3	51.0	71	39	44	43	44	42	44	85	89	81	66	80
October	29.65	29.74	30.17	28.91	43.1	42.3	43.8	45.1	41.2	40.9	41.8	42.3	47.7	39.3	43.5	53	32	39	39	39	39	39	86	90	85	80	85
November	29.64	29.73	30.33	28.79	35.0	34.0	34.7	35.9	33.0	32.4	32.9	33.5	39.6	30.4	35.0	51	11	30	29	30	30	30	81	83	83	79	81
December	29.61	29.70	30.53	28.97	29.1	29.0	28.8	30.0	27.9	27.8	27.7	28.4	33.1	25.9	29.5	46	15	26	26	26	25	26	88	87	88	84	86
Year	29.78	29.87	30.53	28.79	43.4	41.3	44.0	47.3	40.7	39.5	40.8	42.2	49.6	38.7	44.2	81	5	37	37	37	36	37	80	84	77	68	77

[1] No diurnal change.
[2] Hours 8:30 a.m. and 8:30 p.m., 150th meridian time.
[3] Hours 2:30 a.m. and 2:30 p.m., 150th meridian time.
[4] Hours 10:30 p.m. and 10:30 a.m., 120th meridian time.
[5] Hours 4:30 a.m. and 4:30 p.m., 120th meridian time.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

FAIRBANKS, ALASKA

[H=440 ft.; H_b=454 ft.; H_t=11 ft.; H_r=72 ft.; H_a=87 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	0.84 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	0.13	0.10	1.5	4.0	4.4	N.	24	SW.	0	16	4	11	3	1	5	3	0	0	0	0	0	31	0	0	31	31	0
February	.04	.02	.3	4.5	5.1	E.	25	NE.	0	13	5	10	3	0	4	2	0	3	0	0	0	20	0	0	28	18	0
March	.38	.16	5.6	6.4	4.9	E.	18	E.	0	8	4	19	6	4	10	6	0	1	1	1	0	14	0	0	31	16	0
April	.87	.66	8.4	7.5	6.1	E.	26	SW.	0	2	12	16	4	3	9	4	0	0	0	0	0	1	0	0	29	0	0
May	1.39	.38	T	7.4	6.5	SW.	23	SW.	0	3	9	19	11	7	1	0	0	1	0	0	0	0	0	0	5	0	0
June	1.20	.85	.0	6.1	6.3	SW.	31	SW.	0	6	13	11	10	5	0	0	0	2	0	0	0	0	0	0	0	0	4
July	1.78	.31	.0	8.0	6.4	SW.	28	SW.	0	1	12	18	20	14	0	0	1	4	1	1	1	0	0	0	0	0	3
August	.97	.41	.0	6.4	5.3	E.	18	W.	0	8	8	15	9	7	0	0	0	9	2	2	1	0	0	0	0	0	0
September	.62	.36	T	6.2	6.5	E.	27	SW.	0	7	10	13	7	3	2	0	0	8	4	2	1	0	0	0	13	0	1
October	.88	.32	8.3	6.9	4.5	N.	18	W.	0	6	6	19	14	8	13	10	0	4	2	2	1	19	0	0	27	4	0
November	.54	.24	8.3	6.8	3.4	N.	23	SW.	0	8	6	16	14	5	22	14	0	7	2	2	2	28	0	0	30	24	0
December	.18	.10	2.7	6.8	3.1	N.	17	W.	0	6	7	18	5	2	12	5	0	6	1	1	1	30	0	0	31	28	0
Year	8.98	.85	35.1	6.4	5.2	E.	31	SW.	0	84	96	185	106	59	78	44	1	45	13	11	7	143	0	0	225	121	8

KETCHIKAN, ALASKA

[H=10 ft.; H_b=20 ft.; H_t=69 ft.; H_r=68 ft.; H_a=91 ft.]

January	12.17	1.72	7.5	8.2	7.2	SE.	25	SE.	0	3	4	24	24	21	6	3	0	8	7	5	3	2	0	0	13	0	0
February	3.55	1.27	2.7	5.6	5.3	E.	35	SE.	2	9	6	13	13	10	4	3	0	2	1	0	0	1	0	0	18	0	0
March	11.44	2.33	.7	8.0	6.2	SE.	26	SE.	0	4	4	23	20	18	4	3	0	7	4	3	1	0	0	0	6	0	0
April	8.57	2.78	.0	7.5	6.8	SE.	28	SE.	0	4	8	18	18	16	0	0	0	0	0	0	0	0	0	0	1	0	1
May	5.77	1.05	.0	6.8	6.5	SE.	27	S.	0	7	4	20	19	17	0	0	0	0	1	0	0	0	0	0	0	0	0
June	8.15	2.74	.0	8.5	6.2	SE.	26	SE.	0	1	5	24	22	17	0	0	0	0	0	0	0	0	0	0	0	0	0
July	8.02	1.94	.0	7.6	7.4	W.	22	NW.	0	4	6	21	15	14	0	0	0	2	1	1	1	0	0	0	0	0	0
August	2.82	1.16	.0	6.3	5.9	SE.	24	SE.	0	7	10	14	13	11	0	0	0	5	2	0	0	0	0	0	0	0	0
September	13.68	3.37	.0	7.0	6.1	W.	23	S.	0	5	9	16	20	17	0	0	0	3	2	1	0	0	0	0	0	0	0
October	22.79	2.80	.0	9.4	8.3	SE.	45	SE.	2	1	1	29	29	27	0	0	0	5	1	1	1	0	0	0	0	0	0
November	25.51	5.63	2.4	8.9	7.8	SE.	34	SE.	2	2	2	26	25	24	4	2	0	6	3	2	2	0	0	0	7	0	0
December	9.35	2.18	3.3	8.3	6.6	SE.	26	SE.	0	4	3	24	21	18	10	8	0	3	1	1	1	0	0	0	13	0	0
Year	131.82	5.63	16.6	7.7	6.7	SE.	45	SE.	6	51	62	252	239	210	28	19	0	41	23	14	9	3	0	0	58	0	1

KODIAK, ALASKA

[H=147 ft.; H_b=152 ft.; H_t=5 ft.; H_r=4 ft.; H_a=12 ft.]

January	6.04	0.67	13.2	8.9	7.5	NE.	42	SW.	1	1	5	25	29	25	16	11	0	4	0	0	0	3	0	0	14	0	0
February	6.09	1.46	12.6	8.4	10.2	SE.	30	SE.	0	1	8	19	21	18	9	3	0	5	1	0	0	0	0	0	12	0	0
March	7.04	1.47	10.1	8.2	8.0	E.	24	SE.	0	2	9	20	27	24	15	6	0	6	0	0	0	0	0	0	13	0	0
April	11.55	1.87	.6	8.0	9.2	NE.	30	SE.	0	2	10	18	25	23	4	1	0	10	0	0	0	0	0	0	----	----	0
May	2.77	.49	.0	7.0	7.4	SE.	31	------	0	7	8	16	16	11	0	0	0	2	0	0	0	0	0	0	----	----	0
June	1.89	.38	.0	8.7	4.8	NE.	19	------	0	0	8	22	19	14	0	0	0	8	0	0	0	0	0	0	----	----	0
July	5.44	------	.0	------	------	------	------	------	------	0	8	17	15	7	0	0	0	9	1	2	1	0	0	0	----	----	0
August	1.96	.68	.0	7.5	6.9	E.	29	E.	0	4	9	18	15	7	0	0	0	19	7	1	5	0	0	0	0	0	0
September	1.95	.50	.0	6.3	7.9	S.	37	E.	2	5	13	12	10	9	0	0	8	8	1	0	0	0	0	0	0	0	0
October	4.47	1.44	T	------	9.6	NW.	55	NE.	3	5	13	13	13	12	1	0	0	11	0	0	0	0	0	0	5	0	0
November	1.70	.76	15.1	------	7.6	W.	36	SE.	1	10	13	7	10	6	8	5	0	5	0	0	0	7	0	0	23	0	0
December	3.75	.52	7.3	------	12.4	SE.	47	SE.	11	5	10	16	20	18	9	3	0	16	4	1	0	2	0	0	22	0	0
Year	50.65	1.87	58.9	------	------	------	------	SE.	------	42	106	186	220	174	62	29	0	103	14	5	6	12	0	0	----	0	0

JUNEAU, ALASKA

[H=80 ft.; H_b=132 ft.; H_t=96 ft.; H_r=88 ft.; H_a=116 ft.]

January	6.44	1.67	11.4	8.3	9.1	S.	32	NE.	1	4	1	26	18	15	14	8	0	7	5	4	3	7	0	0	23	0	0
February	1.56	.66	2.3	6.9	8.4	W.	45	SE.	1	8	2	18	11	8	7	2	0	7	6	5	2	7	0	0	14	0	0
March	6.23	1.20	.7	9.1	6.8	S.	19	SE.	0	1	1	29	24	22	2	2	0	7	4	0	0	0	0	0	5	0	0
April	5.01	1.26	.0	9.1	6.7	S.	26	SE.	0	0	4	26	20	17	0	0	1	5	4	3	1	0	0	0	0	0	0
May	3.80	1.03	.0	7.0	6.4	S.	25	E.	0	9	2	20	13	13	0	0	1	1	0	0	0	0	0	0	0	0	0
June	5.24	.81	.0	8.4	6.5	S.	24	SE.	0	2	5	23	20	17	0	0	0	4	1	1	1	0	0	0	0	0	0
July	7.29	2.60	.0	9.5	5.4	S.	21	W.	0	0	0	31	22	17	0	0	0	15	5	3	0	0	0	0	0	0	0
August	1.31	.58	.0	5.7	4.3	S.	24	N.	0	10	8	13	10	6	0	0	0	8	1	1	1	0	0	0	0	0	0
September	5.65	1.35	.0	7.1	4.6	S.	18	SE.	0	6	4	20	16	14	0	0	0	10	2	2	1	0	0	0	0	0	0
October	16.22	1.50	T	9.3	8.0	SE.	26	E.	0	1	2	28	25	23	1	0	0	9	2	1	1	0	0	0	1	0	1
November	11.47	2.71	8.9	8.3	8.6	S.	30	E.	0	5	0	25	26	21	13	11	1	7	2	1	0	4	0	0	16	0	0
December	4.97	.95	29.8	9.0	6.3	S.	26	NE.	0	2	2	27	20	18	22	18	0	5	0	0	0	14	0	0	27	0	0
Year	75.19	2.71	63.1	8.1	6.8	S.	45	SE.	2	48	31	286	225	191	59	41	3	85	32	21	10	32	0	0	86	0	1

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

NOME, ALASKA
[ϕ=64°30′ N.; λ=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.	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. (1)	In.	In.	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	°	% (2)	% (2)	% (2)	% (2)	%
January	29.79	29.81	30.39	28.97	5.9	5.0	4.5	5.2	4.6	3.8	3.2	3.9	11.4	−1.4	5.0	28	−23	−2	−3	−4	−4	−3	68	68	67	66	67
February	29.68	29.70	30.38	28.58	15.1	14.7	15.2	17.7	13.9	13.5	14.1	16.3	21.9	8.4	15.2	37	−24	10	9	10	12	10	77	76	77	75	76
March	29.76	29.78	30.50	29.18	12.0	10.8	10.3	16.3	10.6	9.5	9.0	14.4	19.4	5.0	12.2	35	−26	5	3	3	8	5	70	69	70	66	69
April	29.66	29.68	30.32	29.22	27.2	24.8	27.0	32.2	24.9	22.9	24.9	28.9	34.4	20.1	27.2	48	3	20	19	21	23	21	75	77	77	68	74
May	29.79	29.81	30.31	29.32	39.0	33.3	36.4	39.1	35.4	31.4	33.9	35.9	42.6	29.4	36.0	56	22	30	28	30	31	30	71	82	77	74	76
June	29.83	29.85	30.33	29.48	51.9	45.9	49.1	50.1	47.1	43.3	45.5	46.3	55.5	41.2	48.4	71	29	42	40	42	42	42	72	82	78	76	77
July	29.81	29.83	30.13	29.40	51.0	47.3	50.2	52.1	48.4	45.7	47.3	49.1	54.8	44.2	49.5	68	36	46	44	45	46	45	84	89	82	82	84
August	29.96	29.98	30.26	29.49	52.9	50.0	51.7	53.5	51.0	48.7	50.1	51.4	56.0	46.8	51.4	70	40	49	48	49	50	49	88	92	90	87	90
September	29.87	29.89	30.25	29.22	45.5	43.7	43.2	50.2	42.2	40.8	40.3	45.0	51.8	38.0	44.9	62	26	38	37	36	39	37	76	78	77	66	74
October	29.60	29.62	30.20	29.03	33.2	33.2	32.8	36.6	31.5	31.6	31.2	33.8	38.0	28.6	33.3	48	12	28	29	28	29	29	81	82	83	72	80
November	29.82	29.84	30.57	28.84	19.1	18.9	18.8	20.7	17.7	17.5	17.4	18.9	25.1	12.4	18.8	34	−3	14	13	13	14	14	78	77	77	73	76
December	29.46	29.48	30.02	28.83	12.9	13.5	14.0	13.7	12.0	12.7	13.2	12.9	20.0	7.4	13.7	35	−18	8	9	10	10	9	81	81	82	82	81
Year	29.75	29.77	30.57	28.58	30.5	28.4	29.4	32.3	28.3	26.8	27.5	29.7	35.9	23.3	29.6	71	−26	24	23	24	25	24	77	79	78	74	77

[1] No diurnal change.
[2] Hours 7:30 p.m. and 7:30 a.m., 165th meridian time.
[3] Hours 1:30 a.m. and 1:30 p.m., 165th meridian time.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1941*—Continued

NOME, ALASKA
[H=17 ft.; H_b=22 ft.; H_t=25 ft.; H_r=39 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	0.84 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	0.19	0.08	1.9	3.7	8.7	NE.	35	NE.	2	17	7	7	5	2	13	5	0	3	1	1	1	31	0	0	31	20	0
February	.69	.29	6.3	6.2	14.3	NE.	53	N.	7	8	4	16	12	6	19	12	0	7	3	3	1	24	0	0	28	10	0
March	.39	.12	3.4	6.6	9.2	NE.	38	E.	3	9	2	20	11	4	16	11	0	6	2	1	0	28	0	0	31	12	0
April	.30	.15	2.7	5.5	9.4	NE.	33	NE.	1	11	8	11	6	2	14	6	0	8	3	1	1	13	0	0	28	0	0
May	.23	.07	.3	7.6	8.6	E.	31	S.	0	4	8	19	6	3	7	2	0	10	3	2	2	1	0	0	22	0	0
June	.39	.27	.0	6.0	8.1	W.	24	SE.	0	8	10	12	7	3	0	0	0	12	3	3	2	0	0	0	2	0	0
July	1.37	.50	.0	8.2	10.0	W.	28	SW.	0	1	9	21	11	7	0	0	0	16	4	3	1	0	0	0	0	0	0
August	.90	.21	.0	8.3	10.8	W.	27	S.	0	3	5	23	12	7	0	0	0	21	7	7	0	0	0	0	0	0	0
September	.55	.30	.0	6.4	12.2	NE.	38	E.	4	10	4	16	7	4	0	0	0	7	0	0	0	0	0	0	5	0	0
October	2.56	.59	.7	7.1	12.5	NE.	44	S.	6	6	4	21	19	17	11	2	0	12	1	0	1	7	0	0	17	0	0
November	.96	.22	8.8	6.5	12.5	NE.	35	S.	4	10	2	18	14	10	21	14	0	3	2	0	0	26	0	0	30	1	0
December	1.01	.17	10.4	8.1	13.2	E.	48	NE.	6	4	4	23	19	1	20	19	0	8	4	6	4	28	0	0	31	10	0
Year	9.54	0.59	34.5	6.7	10.8	NE.	53	N.	33	91	67	207	129	74	121	71	0	113	33	27	13	158	0	0	225	53	0

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Chart 1.—Departure from Normal Temperature, in Degrees Fahrenheit, for the Crop Season of 1941, 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]

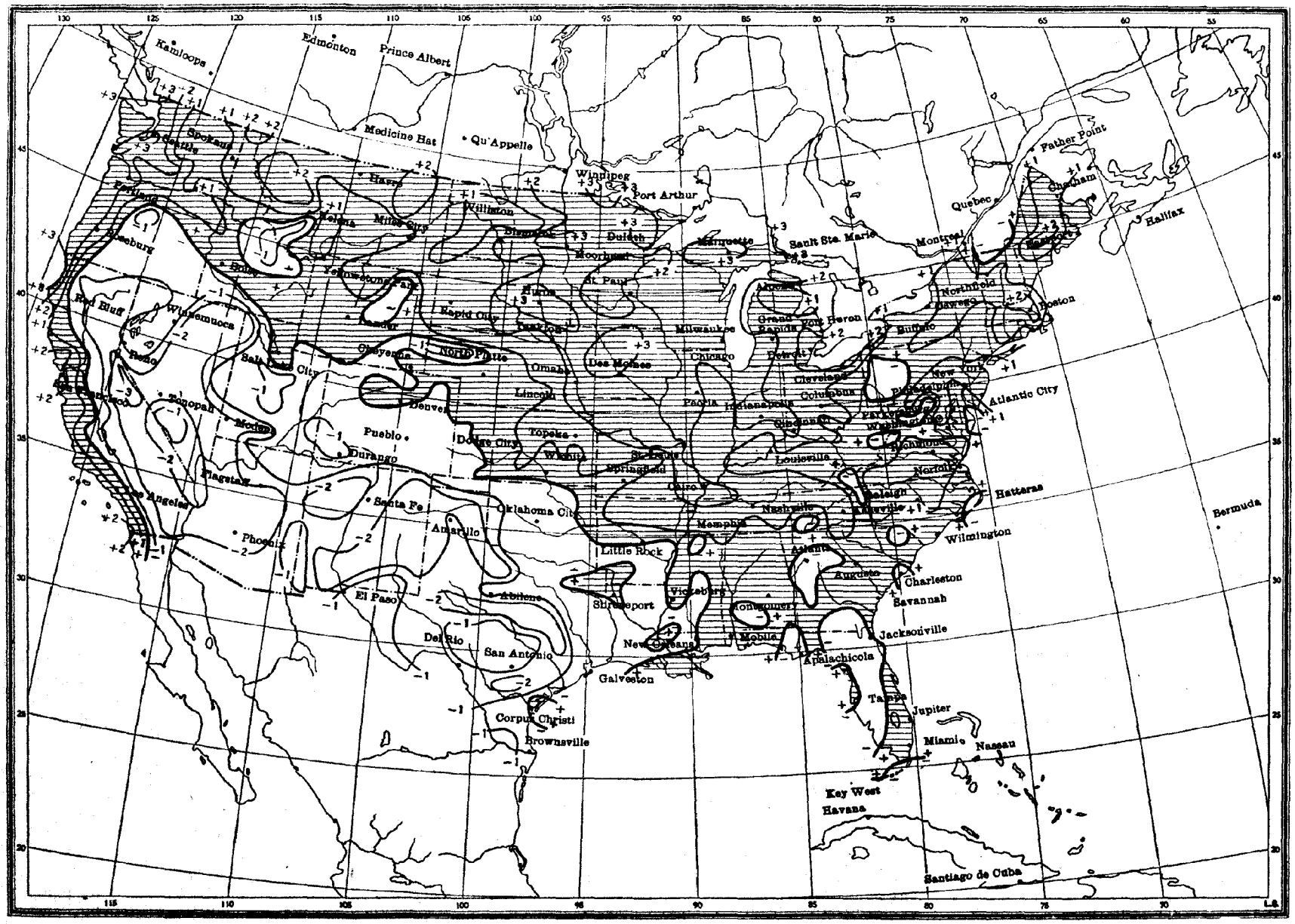

Chart 2.—Precipitation, Inches, for the Season of 1941, March 1 to September 30.

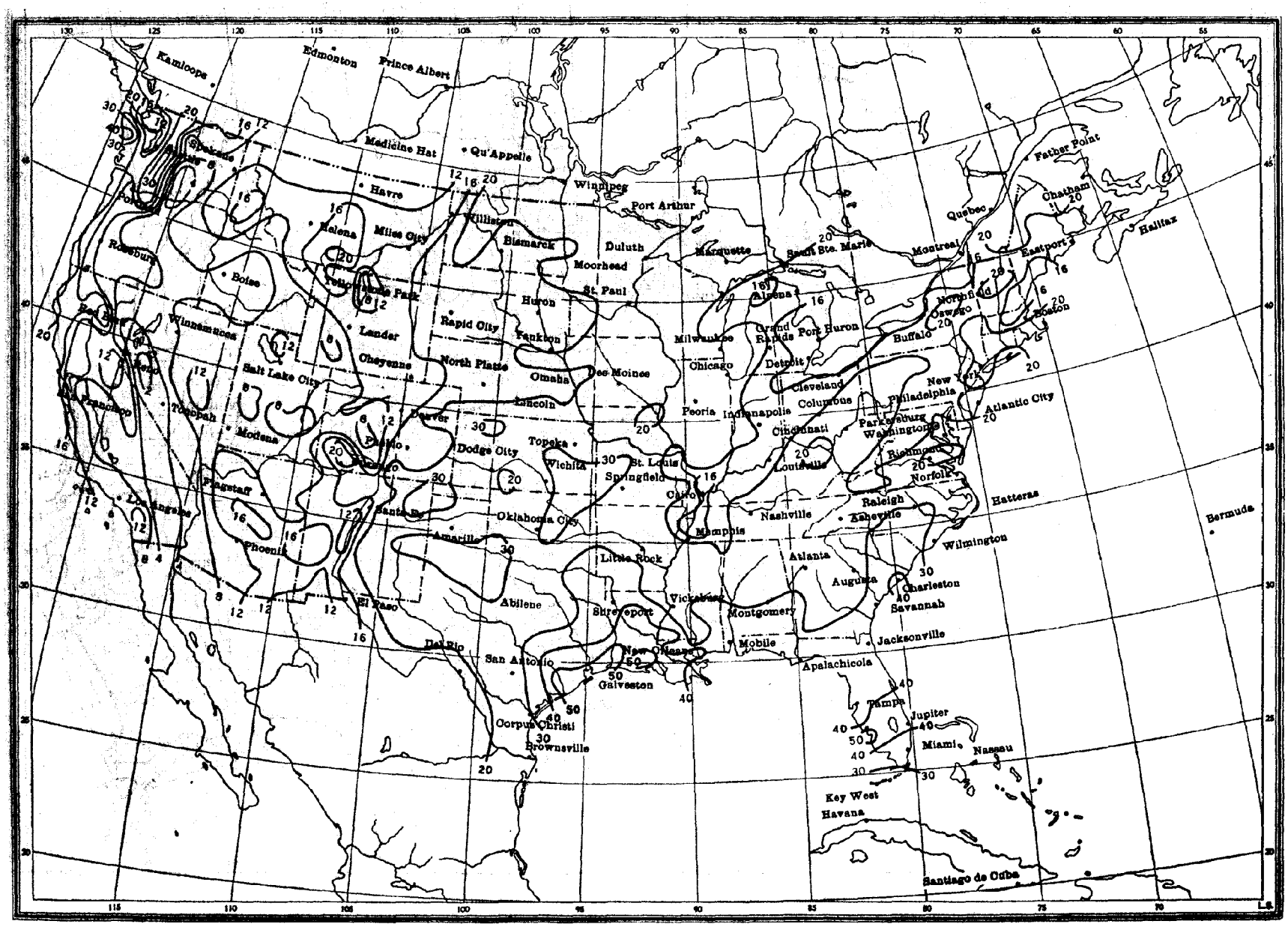

Chart 3.—Departure from Normal Precipitation for the Crop Season of 1941, March 1 to September 30.

[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]

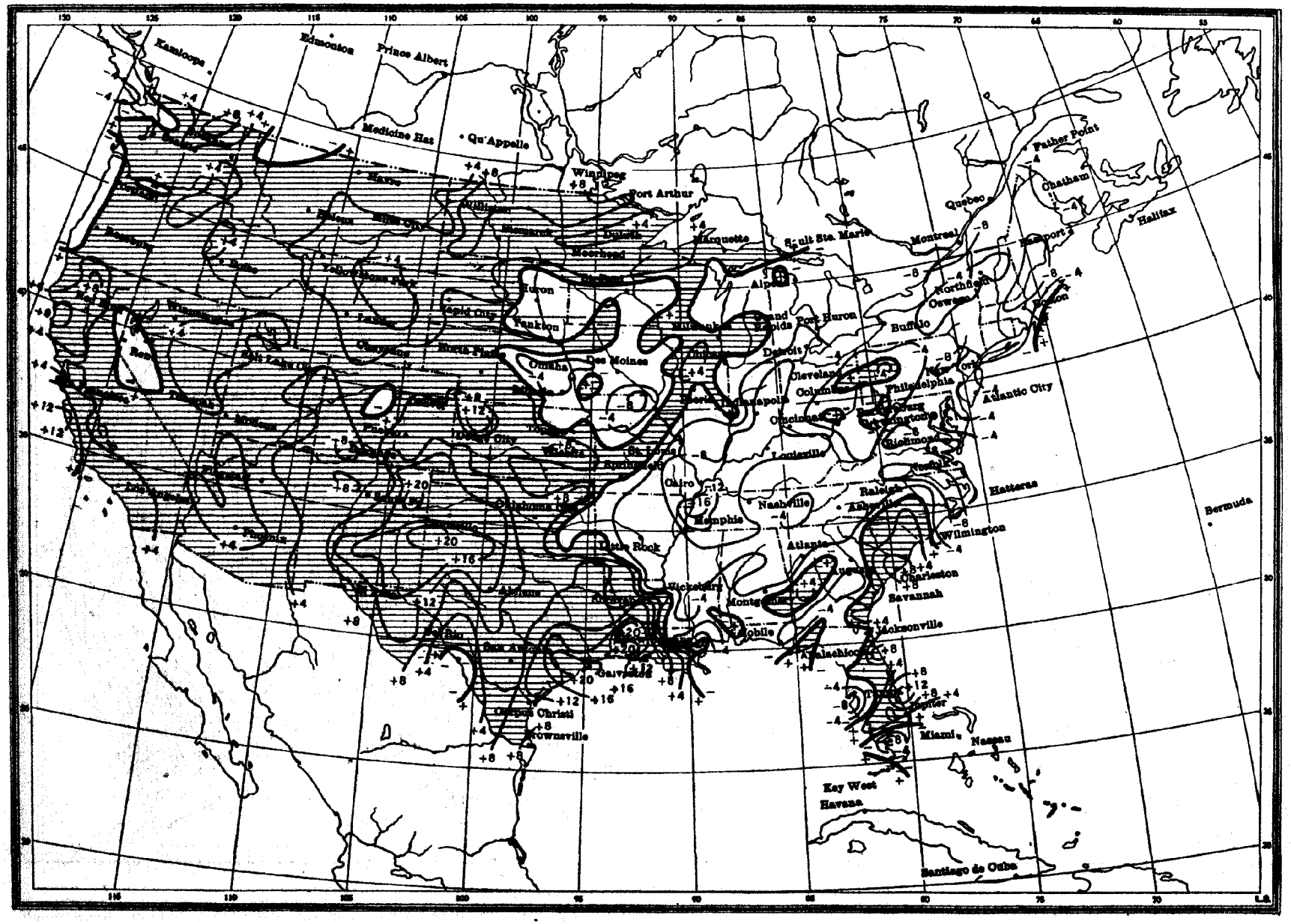
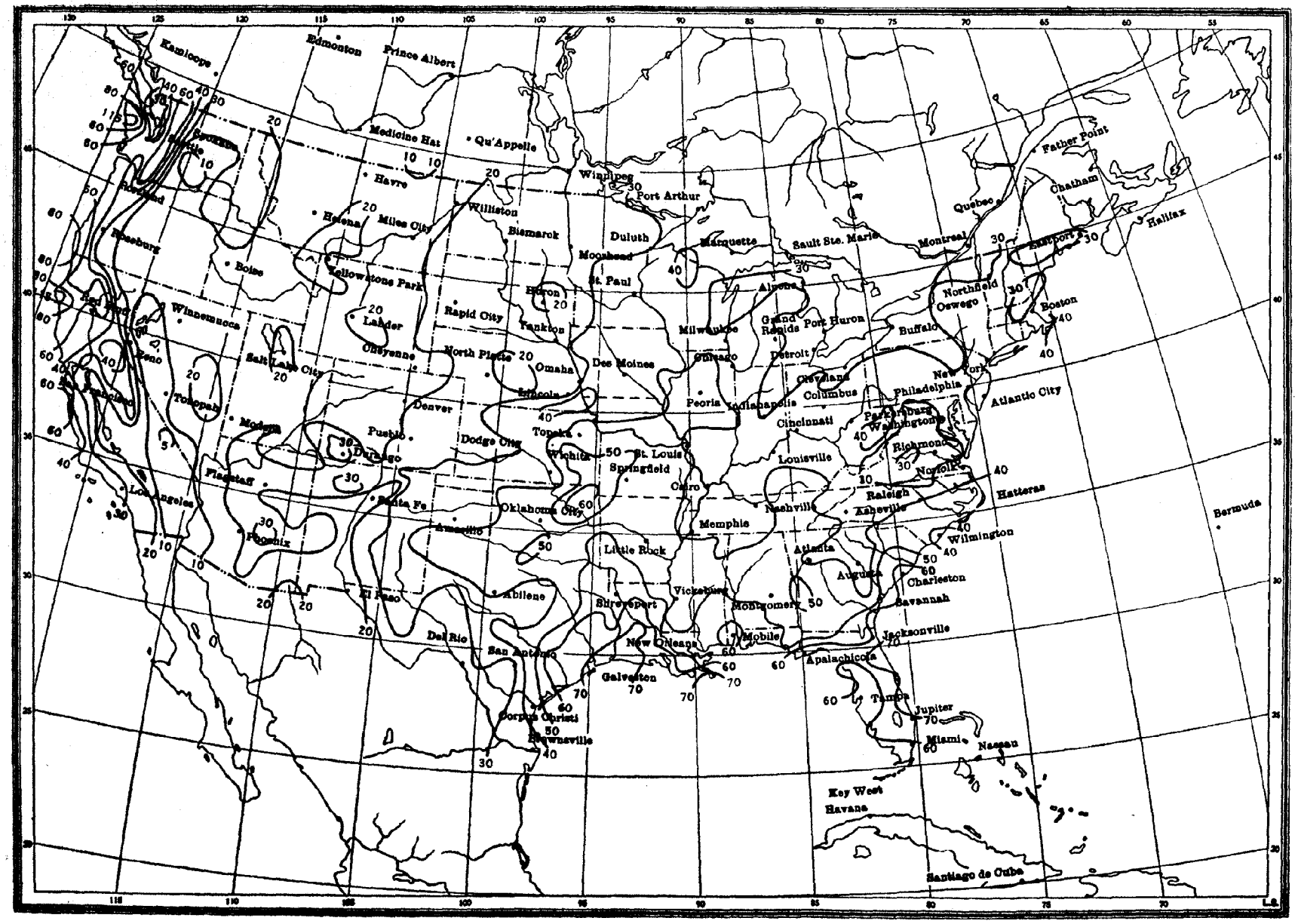
Chart 4.—Total Precipitation, Inches, for the Year 1941.