UNITED STATES DEPARTMENT OF COMMERCE

JESSE H. JONES, *Secretary*

WEATHER BUREAU

F. W. REICHELDERFER, *Chief*

UNITED STATES METEOROLOGICAL YEARBOOK

1940

QC
983
.U493
1940
c.2

RECEIVED
NOV 16 1942
WEATHER BUREAU OFFICE
ELKINS, W. VA.

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1942

LIBRARY
N.O.A.A.
U.S. Dept. of Commerce

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

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.

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. P. KOHLER, *Editor.*

CONTENTS

	Page
General summary of the weather conditions in the United States during the year 1940	1
Review of the weather conditions, by months and season, during 1940	6
Precipitation for the year 1940	10
Tornadoes, 1940	11
Hail, 1940	21
Losses from windstorms, 1940	23
Sunshine, 1940	27
Excessive rainfall, 1940	32
Monthly and annual evaporation, 1940	38
Annual meteorological summaries, 1940	41
Explanation of tables	42
Chart of temperature departures for the crop season of 1940	142
Chart showing total precipitation for the growing season, 1940	143
Chart of precipitation departures for the crop season of 1940	144
Total precipitation, inches, for the year 1940	145

GENERAL SUMMARY

OF THE WEATHER CONDITIONS IN THE UNITED STATES DURING THE YEAR 1940

REVIEW OF WEATHER CONDITIONS DURING 1940

On the basis of weighted averages for the several sections, the year 1940 was normal as to mean temperature; the value for the year was 53.6°, as compared with a mean of 53.7° for the period 1891 to 1940, inclusive, and the extremes of 55.6° in 1921 and 51.8° in 1917. The largest positive departures from section normal mean annual temperatures (table 1) were +2.8° in Nevada, +2.4° in Washington and Idaho, and +2.2° in Utah; while the extremes on the negative side were −2.2° in Mississippi, −2.1° in Arkansas, and −2.0° in Louisiana.

TABLE 1.—*Monthly and annual temperature departures from normal for the year 1940*

State or section	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Alabama	−12.2	−3.1	−0.6	−1.1	−2.4	−1.0	−1.6	+0.7	−2.0	+1.3	+0.3	+4.3	−1.5
Arizona	+2.4	.0	+1.9	+.6	+3.4	+2.2	+.6	+.7	−.2	+1.0	−.2	+4.1	+1.2
Arkansas	−13.2	−1.7	−.7	−1.5	−2.5	−1.9	−2.1	−2.4	−3.2	+2.5	−2.0	+3.8	−2.1
California	+2.3	+.5	+1.7	+.3	+2.6	+2.6	−2.0	.0	−2.0	+.4	−2.1	+2.7	+.6
Colorado	−4.2	+1.6	+3.3	+.9	+3.0	+2.8	+2.3	+.6	+2.5	+3.4	−3.0	+2.6	+1.3
Florida	−9.3	−4.0	−2.2	−2.0	−2.6	+.1	+.1	+1.5	−2.1	−2.2	+.1	+4.4	−1.5
Georgia	−11.9	−2.5	−2.4	−1.7	−2.2	−.2	−1.5	+.4	−2.5	+.1	.0	+3.4	−1.8
Idaho	+2.2	+4.8	+4.2	+1.6	+3.9	+4.2	+1.0	+1.9	+2.2	+2.8	−4.3	+3.7	+2.4
Illinois	−12.6	+1.1	−2.5	−1.3	−2.7	+1.1	+.4	+.7	−1.3	+4.5	−1.9	+5.0	−.8
Indiana	−12.8	+1.0	−3.1	−2.6	−3.2	+.7	+.2	+1.9	−2.0	+3.7	−1.4	+4.9	−1.1
Iowa	−10.1	+1.9	−3.0	−1.2	−1.7	+1.7	+2.0	−1.4	+1.9	+6.1	−2.7	+4.2	−.2
Kansas	−14.6	+.8	+1.2	−.4	.0	+.4	+2.6	−1.5	+.7	+6.2	−2.8	+3.4	−.3
Kentucky	−14.7	−1.0	−2.1	−2.0	−3.6	−.7	−1.6	+.2	−3.8	+2.1	−.6	+5.1	−1.9
Louisiana	−12.3	−2.6	−.1	−1.0	−1.8	−1.5	−.9	−1.6	−2.8	+.5	−.1	+3.8	−2.0
Maryland-Delaware	−11.5	+1.1	−4.4	−4.0	−.7	+1.0	−.2	−2.0	−3.2	−3.0	+.3	+5.0	−1.8
Michigan	−4.1	+2.9	−4.7	−2.8	−1.5	+.1	+1.2	+1.1	+.3	+.9	−1.5	+2.8	−.4
Minnesota	−4.4	+4.8	−4.9	−2.5	−1.0	−.6	+1.6	−1.3	+3.4	+5.1	−4.0	+3.4	.0
Mississippi	−14.5	−3.7	−.5	−1.5	−2.6	−1.7	−2.2	−1.0	−2.6	+.7	−.7	+4.1	−2.2
Missouri	−15.2	+.4	−.9	−1.1	−1.8	−.1	−.3	−.9	−.6	+5.4	−2.1	+4.4	−1.1
Montana	−5.2	+2.7	+4.7	−1.5	+3.6	+2.9	+2.1	+2.6	+5.9	+4.6	−6.9	+4.7	+1.7
Nebraska	−11.4	+1.7	+1.3	−.9	+.8	+2.3	+4.3	+.2	+4.7	+6.6	−3.6	+3.1	+.8
Nevada	+4.2	+4.2	+3.3	+1.5	+6.2	+5.5	+.2	+3.1	−.1	+2.9	−2.0	+4.0	+2.8
New England	−6.3	+1.1	−4.0	−3.6	−.2	−2.4	−.3	−1.6	−1.3	−3.7	−.2	+.4	−1.8
New Jersey	−8.5	+1.3	−4.5	−4.1	−.7	−.4	+.1	−2.6	−2.3	−3.6	−.2	+3.2	−1.9
New Mexico	−2.2	−1.0	+1.4	−.2	+1.5	−.3	+1.3	−.9	+.9	+1.7	−2.5	+3.4	+.3
New York	−7.8	+.3	−5.8	−3.4	+.4	−.8	−.3	−1.1	−2.0	−3.6	.0	+2.9	−1.8
North Carolina	−11.8	−.9	−3.0	−1.6	−1.4	+1.3	−1.0	−.5	−2.9	−.5	+.2	+3.6	−1.5
North Dakota	−2.8	+5.4	−.7	−3.6	+1.3	+.1	+2.6	+1.3	+5.9	+6.8	−4.6	+6.7	+1.5
Ohio	−11.6	+.1	−3.5	−3.2	−1.9	+1.0	−.4	+1.1	−2.8	+1.3	−.7	+5.7	−.9
Oklahoma	−12.8	+.4	+2.2	−.4	−.1	−1.6	−.7	−2.5	−1.4	+4.3	−3.0	+3.1	−1.0
Oregon	+2.3	+3.4	+3.4	+1.1	+3.5	+4.1	−.2	+1.6	+1.1	+2.5	−3.3	+2.3	+1.8
Pennsylvania	−9.1	+1.0	−5.2	−3.4	−.3	−.3	+.1	−1.5	−2.8	−2.5	.0	+4.6	−1.6
South Carolina	−11.5	−1.8	−3.2	−1.6	−2.5	+.9	−.2	−.4	−2.0	−.1	.0	+3.0	−1.6
South Dakota	−9.1	+2.0	−1.4	−2.5	+1.0	+1.6	+4.4	+.2	+5.4	+6.7	−4.8	+5.2	+.7
Tennessee	−14.3	−1.9	−2.1	−1.5	−3.0	−.4	−1.5	+.4	−2.8	+2.9	−.9	+4.6	−1.7
Texas	−10.1	−1.2	+1.0	−.9	−.4	−2.7	−.8	−1.4	−1.4	+1.3	−2.3	+2.7	−1.4
Utah	+2.3	+3.2	+3.6	+1.5	+4.9	+3.7	+1.9	+2.8	+1.0	+2.5	−3.3	+2.6	+2.2
Virginia	−11.5	−.1	−3.5	−2.2	−.7	+1.2	−1.2	−1.3	−3.4	−1.2	+.5	+4.6	−1.6
Washington	+3.5	+3.8	+4.0	+2.0	+3.7	+3.4	+.9	+1.0	+4.6	+3.2	−3.9	+2.9	+2.4
West Virginia	−12.1	+.1	−3.7	−2.5	−1.6	+.6	−.6	−.4	−4.2	−.3	.0	+5.7	−1.6
Wisconsin	−5.3	+4.1	−5.4	−2.6	−2.6	−.5	+.8	−.7	+1.0	+2.7	−2.3	+2.4	−.7
Wyoming	−4.3	+2.8	+4.4	−.5	+3.0	+3.0	+2.8	+2.0	+4.3	+4.0	−4.9	+3.4	+1.8

The monthly extremes of positive anomalies occurred in October with values of +6.8° for North Dakota, +6.7° for South Dakota and +6.6° for Nebraska, while the greatest negative departure came in January as follows: Missouri, −15.2°; Kentucky, −14.7°; Kansas, −14.6°; and Mississippi, −14.5°. This was the coldest January of record in large areas. In Central, Southern, and Eastern States the outstanding abnormal characteristic was the persistence of cold weather with but little variation from day to day, rather than extremely low individual temperature readings.[1]

Maximum temperatures of 120° or above were recorded in California, Arizona, and Nevada with highest readings: Greenland Ranch, Inyo County, Calif., 124° on August 11, 123° on July 24, and 122° on June 14; Cow Creek, Inyo County, Calif., 123° on July 24 and August 11, and 122° on June 15; and Parker Reservoir, San Bernardino County, Calif., 121° on August 11. Maximum temperatures of 100° or above were registered in all States outside New England, where the highest reading was 98° at Brockton, Mass., on July 27.

Subzero temperatures were reported from all States except Florida, with minima on January 19, when Fraser, Grand County, Colo., reported −47° and Bedford, Lincoln County, Wyo., −45°.

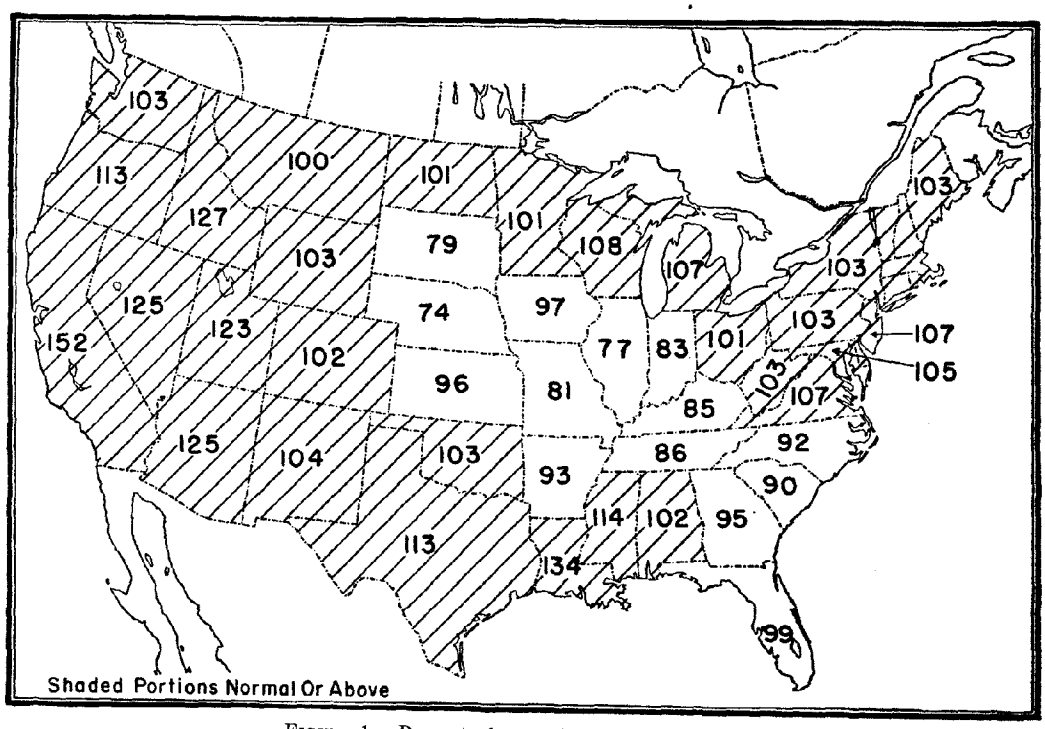


FIGURE 1.—Percent of normal precipitation, 1940.

The extremes of 124° and −47° registered for 1940 fell well within the range of the record extremes of 134° at Greenland Ranch, Death Valley, Calif., on July 10, 1913, and −66° at Riverside Ranger Station, Yellowstone National Park, Wyo., on February 9, 1933.

In Florida, state-wide minimum temperatures were considerably below freezing (27° or lower) in all months from January to April, inclusive, and also in November and December, with the lowest 8° at Mason, Escambia County, on January 27. Freezing temperatures were not registered in extreme Southern Florida—minima: Key West, 43°; Tavernier, 36°; Captiva, 34°; and West Palm Beach, 33°.

In general review the outstanding features of temperature distribution were (1) the very extensive area with decidedly subnormal means in January, with the large departures for Missouri and other States already noted, reaching westward to the Plateau Region; (2) the contrast between deficiencies in the East and excesses in the West from March to May, inclusive, and again in September; (3) the wide extent of supernormal averages in February, and June to August,

[1] Weekly Weather and Crop Bulletin, February 6, 1940.

inclusive, and especially in December when negative departures were recorded only from Portland, Maine, northwestward; and (4), in marked contrast to all other months except January and April, subnormal means for November in the West with deficiencies averaging more than 4° from Minnesota to Idaho, with an extreme of −6.9° in Montana.

The average annual precipitation, derived by weighing the averages for the varying areas of the several States, was 30.25 inches or 1.25 inches above the similarly determined mean for

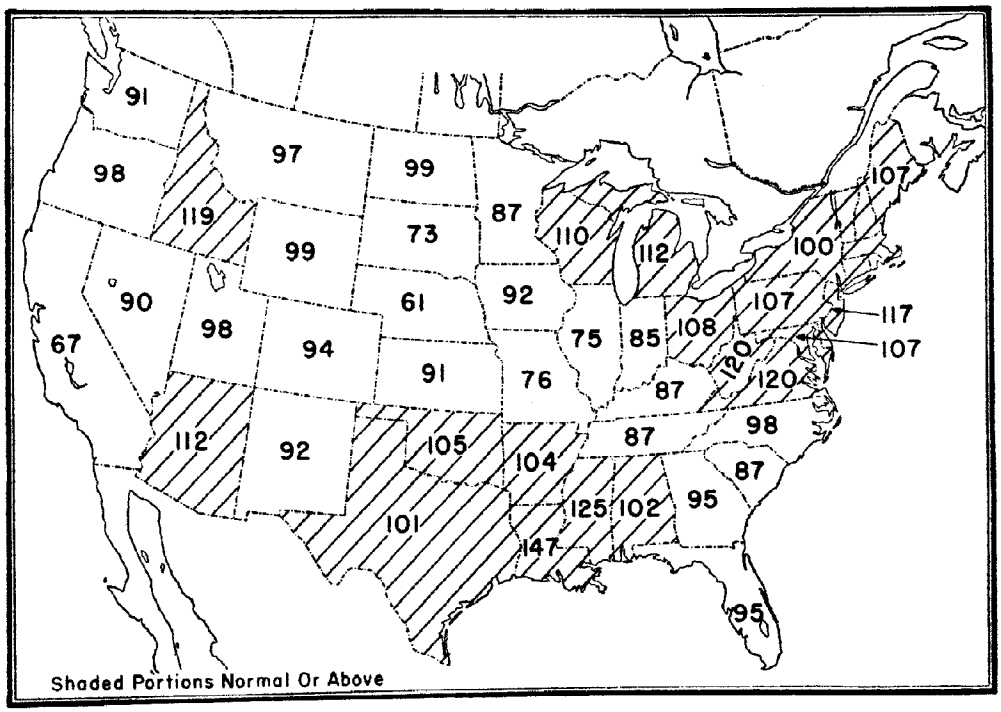


FIGURE 2.—Percent of normal precipitation, April 1–September 30, 1940.

the period 1886 to 1940, inclusive, in which the extreme means were 32.74 inches in 1915 and 24.65 inches in 1910.

Figure 1 and table 2 show precipitation at or above normal over all except 14 States from South Dakota to the South Atlantic States, with percentage highest in California (152), next highest in Louisiana (134), and third highest in Idaho, Nevada, Arizona, and Utah (127 to 123). The States with percentage of normal yearly precipitation below 85 were Indiana (83), Missouri (81), South Dakota (79), Illinois (77), and Nebraska (74), two of which, South Dakota and Nebraska, were classified in 1939 with percentages of 77 and 74, respectively.

TABLE 2.—*Percentage of normal precipitation, 1940*

Section	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Alabama	89	131	89	83	88	149	156	65	45	51	107	128	102
Arizona	57	141	21	131	100	257	42	97	242	212	132	311	125
Arkansas	36	100	50	142	71	106	110	136	54	61	160	91	93
California	174	201	120	78	64	25	14	10	87	143	57	250	152
Colorado	187	131	98	87	91	56	75	73	211	71	126	123	102
Florida	95	149	114	97	49	103	115	102	99	20	55	209	99
Georgia	108	110	83	84	62	106	117	137	28	33	138	98	95
Idaho	118	214	136	159	33	60	123	17	335	157	100	88	127
Illinois	64	75	66	120	78	71	47	120	18	78	105	91	77
Indiana	54	107	50	159	102	81	44	81	34	82	117	83	83
Iowa	78	109	99	118	51	77	122	182	25	97	153	114	97
Kansas	124	92	91	115	100	67	49	138	89	53	203	120	96
Kentucky	38	133	107	123	87	81	65	96	67	27	107	80	85
Louisiana	61	155	71	203	41	201	122	214	96	39	212	165	134
Maryland-Delaware	69	94	114	162	133	53	77	125	102	81	195	79	105
Michigan	121	79	67	77	123	143	67	195	73	96	130	104	107
Minnesota	35	111	162	126	60	90	80	142	35	141	221	95	101
Mississippi	62	128	78	144	58	146	206	90	78	47	155	142	114
Missouri	61	80	77	114	51	90	41	148	17	60	133	126	81
Montana	70	188	102	197	56	82	119	26	140	128	112	47	100
Nebraska	131	83	144	91	30	75	52	67	57	93	136	133	74
Nevada	196	159	94	159	26	84	3	16	276	154	80	175	125
New England	60	101	129	159	138	106	97	49	106	37	171	96	103
New Jersey	54	84	136	156	169	488	57	125	124	69	147	82	107
New Mexico	105	168	75	74	161	89	61	98	94	61	258	165	104
New York	58	116	144	130	109	115	85	71	98	66	125	134	103
North Carolina	84	86	74	98	91	76	73	191	37	39	159	79	92
North Dakota	21	133	114	152	84	65	148	99	67	147	95	81	101
Ohio	48	123	88	177	122	127	51	124	52	64	126	109	101
Oklahoma	54	162	21	148	82	91	116	112	92	57	232	108	103
Oregon	77	210	132	105	56	25	136	10	237	153	87	89	113
Pennsylvania	43	106	142	154	114	98	76	110	99	62	141	97	103
South Carolina	99	105	87	68	78	72	62	179	34	31	178	76	90
South Dakota	36	109	156	125	20	85	68	98	45	79	100	68	79
Tennessee	43	119	107	103	79	95	93	103	35	67	98	72	86
Texas	43	128	53	99	91	176	75	118	48	96	273	170	113
Utah	188	178	89	123	19	79	43	63	272	132	132	157	123
Virginia	78	85	69	132	117	93	115	213	50	56	176	80	107
Washington	59	199	124	117	78	25	179	49	112	164	76	83	103
West Virginia	40	123	94	146	123	137	97	118	98	65	118	69	103
Wisconsin	75	91	71	98	101	162	76	191	34	86	179	106	108
Wyoming	153	129	90	158	41	86	92	46	201	89	137	76	103

The highest annual State averages over 50 inches of precipitation taken from table 3 are those for Louisiana, 74.67 (normal 55.83); Mississippi, 60.58 (normal 53.13); and the lowest, less than 15 inches, those for Nevada (11.03) and Wyoming (14.48). The extreme local annual amounts of rainfall were 131.90 inches at Quinault, Wash., and 2.17 inches at Greenland Ranch, Calif.; other comparable heavy annual totals in the West were 128.38 inches at Wishkah Headworks, Grays Harbor County, Wash., and 125.48 inches at Scales, Sierra County, Calif., to which are to be added three highly unusual values from Louisiana—106.64 at Crowley, Acadia Parish;. 105.50 at Grand Coteau, St. Landry Parish; and 104.97 at Jennings, Jefferson Davis Parish. Yearly totals under 3 inches were reported also from Thorne, Mineral County, Nev. (2.73) and Cow Creek, Inyo County, Calif. (2.39).

TABLE 3.—*Monthly and annual precipitation (in inches), 1940*

State or section	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Alabama	4.34	6.89	5.25	3.57	3.45	6.43	8.46	2.93	1.47	1.40	3.49	6.30	53.98
Arizona	.76	1.86	.22	.84	.33	.90	.95	2.26	2.76	1.63	1.16	3.70	17.37
Arkansas	1.56	3.31	2.39	6.93	3.62	4.35	4.14	4.96	1.83	1.91	5.93	3.86	44.79
California	8.41	8.44	4.30	1.28	.63	.08	.01	.01	.40	1.76	1.42	9.16	35.90
Colorado	1.42	1.27	1.27	1.56	1.74	.79	1.66	1.43	2.79	.83	1.01	1.11	16.88
Florida	2.58	4.56	3.53	2.77	1.99	6.89	8.31	7.18	6.72	.83	1.20	5.77	52.33
Georgia	4.44	5.34	4.03	3.03	2.14	4.68	6.69	7.09	1.04	.89	3.73	4.14	47.24
Idaho	2.47	3.56	2.36	2.18	.55	.72	.75	.10	3.32	2.18	2.03	1.74	21.96
Illinois	1.47	1.61	2.02	4.08	3.24	2.92	1.53	4.01	.64	2.14	2.89	2.05	28.60
Indiana	1.67	2.59	1.89	5.58	4.14	3.11	1.49	2.74	1.17	2.23	3.59	2.37	32.57
Iowa	.83	1.18	1.72	3.22	2.07	3.56	4.56	6.44	.94	2.32	2.45	1.36	30.65
Kansas	.82	.93	1.31	2.97	3.76	2.68	1.58	4.39	2.50	1.05	2.66	1.02	25.67
Kentucky	1.67	4.56	5.02	4.88	3.50	3.39	2.68	3.57	1.97	.74	3.70	3.16	38.84
Louisiana	2.96	7.15	3.41	9.44	1.89	9.33	7.51	10.83	3.74	1.28	8.21	8.92	74.67
Maryland-Delaware	2.23	2.91	3.92	5.78	4.55	2.09	3.28	5.38	3.31	2.34	4.98	2.48	43.25
Michigan	2.27	1.16	1.45	1.97	3.93	4.45	1.91	5.16	2.35	2.63	3.22	2.16	32.66
Minnesota	.26	.81	1.93	2.59	1.91	3.67	2.68	4.51	1.01	2.77	2.59	.75	25.48
Mississippi	3.09	6.27	4.55	6.96	2.50	6.09	10.38	3.84	2.40	1.24	5.64	7.53	60.58
Missouri	1.35	1.59	2.44	4.41	2.44	4.36	1.58	5.78	.69	1.73	3.46	2.58	32.41
Montana	.66	1.43	1.01	2.19	1.19	2.02	1.65	.28	1.86	1.37	1.13	.46	15.25
Nebraska	.72	.60	1.58	2.24	1.07	2.81	1.75	1.88	1.22	1.49	1.06	.93	17.35
Nevada	2.31	1.62	.92	1.24	.23	.41	.01	.08	1.13	.86	.52	1.70	11.03
New England	2.05	3.19	4.22	5.28	4.60	3.62	3.61	1.88	3.98	1.29	5.90	3.13	42.75
New Jersey	1.94	3.03	5.14	5.62	6.32	3.28	2.73	5.96	4.41	2.36	4.66	3.00	48.45
New Mexico	.59	1.19	.56	.66	1.85	1.10	1.55	2.45	1.52	.70	1.70	1.14	15.01
New York	1.70	3.12	4.36	3.87	3.78	4.21	3.36	2.68	3.37	2.17	3.78	3.89	40.29
North Carolina	3.07	3.50	3.12	3.46	3.81	3.56	4.26	10.57	1.48	1.28	4.19	3.00	45.30
North Dakota	.10	.61	.87	2.22	1.97	2.24	3.70	2.05	1.06	1.56	.59	.42	17.39
Ohio	1.46	3.17	2.96	5.53	4.51	4.79	1.93	4.18	1.54	1.63	3.45	3.00	38.15
Oklahoma	.79	2.19	.46	5.03	3.87	3.49	3.47	3.36	2.83	1.71	4.75	1.83	33.78
Oregon	2.93	6.50	3.64	2.08	.97	.30	.61	.04	2.87	2.94	3.27	3.40	29.55
Pennsylvania	1.41	3.16	4.89	5.30	4.46	4.11	3.25	4.57	3.41	2.03	4.04	3.07	43.70
South Carolina	3.52	4.50	3.38	2.07	2.84	3.45	3.60	10.22	1.39	.93	4.13	2.76	42.79
South Dakota	.19	.62	1.75	2.70	.61	3.01	1.76	2.24	.75	1.02	.67	.39	15.71
Tennessee	2.02	5.18	5.77	4.55	3.29	4.04	4.08	4.14	1.07	1.91	3.52	3.31	42.88
Texas	.83	2.38	1.11	3.06	3.36	5.48	1.97	2.85	1.40	2.52	6.22	3.86	35.04
Utah	2.24	2.19	1.24	1.46	.23	.44	.38	.56	2.72	1.39	1.25	1.68	15.78
Virginia	2.46	2.62	2.58	4.34	4.46	3.87	5.16	9.26	1.57	1.63	4.27	2.45	44.67
Washington	2.92	7.31	4.12	2.79	1.56	.40	1.18	.37	2.03	4.85	3.97	4.50	36.00
West Virginia	1.44	3.84	3.70	5.13	4.93	5.97	4.43	4.83	2.88	1.80	3.27	2.31	44.53
Wisconsin	.89	1.05	1.25	2.50	3.63	6.56	2.73	6.10	1.24	2.13	3.35	1.39	32.82
Wyoming	1.19	.98	1.05	2.52	.87	1.38	1.20	.51	2.29	.97	.96	.56	14.48

The greatest average monthly falls for section areas (over 10 inches) were 10.83 for Louisiana in August, 10.57 for North Carolina in August, 10.38 for Mississippi in July, and 10.22 for South Carolina in August. In contrast the average 3-month total for June, July, and August in California was only 0.10 inch and the average 2-month total for July and August in Nevada was 0.09 inch.

Local amounts of monthly precipitation in excess of 30 inches occurred in Louisiana in August (maximum 37.99 at Lafayette), in California in January, February, and December (maximum 32.71 at Inskip, Butte County, in February), in Oregon in February (31.42 at Valsetz, Polk County), and in Washington in February (31.11 at Peterson's Ranch, Skamania County). Monthly precipitation of less than a measureable amount of 0.01 inch at one or more stations was reported in all months, and instances of this occurred in two out of three States: California had about 250 stations with zero or trace in both July and August.

The greatest 24-hour falls by States, over 15 inches, were 19.76 at Crowley, and 19.63 at Lafayette, Lafayette Parish, La. on August 8–9; 16.05 at Smithville, Bastrop County, Tex. on June 30; and 16.00 at Hempstead, Waller County, Tex., on November 24.

The actual values in inches of the monthly section averages of precipitation, the extremes of which have been mentioned already, are given in table 3, from which the annual march of monthly amounts may be readily noted, as is the march of percentages of normal in table 2. One feature of the distribution of rainfall that is not to be omitted from this short summary is the heavy precipitation over rather widespread areas in the southern tier of States from eastern Texas to Florida in all months except January, March, May, and October.

If high degree of raininess may be determined by the large area of sections in which precipitation was 50 percent or more above the normal, then in 1940 the wettest months were February, April, and November; and if abnormal dryness is to be related, on the other hand, to the area of the sections with State averages of precipitation below 60 percent of the normal, the driest months were January, May, July, September, and October. The highest monthly per-

centages of normal fall from table 2 are 335 in Idaho, 276 in Nevada, and 272 in Utah—all in September; and the lowest are 3 in Nevada in July, and 10 in California and Oregon in August. Such contrasts as those just given are found, of course, only in regions that are arid or have the wide ranges in monthly rainfall typical of the Mediterranean type of climate found on the western coast.

Percentages of normal rainfall inches, 303 in April, 201 in June, 214 in August, and 212 in November in Louisiana; and 210 in Oregon and 201 in California in February, have a background such that they really denote unusual raininess both relatively and actually.

In the warm, or growing season, percentages of normal precipitation are of more vital interest and in this connection attention is called to figure 2 in regard to their distributions relative to the normal of 100, and especially to the marked deficiency in Nebraska (61), California (67), South Dakota (73), Illinois (75), and Missouri (76).

JANUARY

In contrast to the closing month of 1939, January 1940 was extremely cold throughout the Central and Southern States east of the Rocky Mountains. It was the coldest of record in large areas. In Central, Southern, and Eastern States, the outstanding abnormal temperature characteristic was the persistence of the cold weather with but little variation from day to day, rather than the extremely low individual temperature readings. The remarkably long cold period began with the last few days of December (1939) and continued almost uninterruptedly through January, except for a moderate respite during the week of January 15.

The monthly mean temperatures ranged from about 10° to as many as 18° below normal everywhere from the middle Atlantic area, the Ohio Valley, the north-central Mississippi Valley and the north-central Great Plains, southward to the Gulf. Most principal stations from southern Virginia, the Ohio River and the lower Missouri Valleys southward had the lowest mean January temperature of record. In parts of the Southeast the monthly means were about 5° below that of any previous January normal temperature.

The temperature for January 1940 was in marked contrast to that for the general run of Januarys during the preceding 2 decades: For example, for the past 20 years, New York City had only 6 below normal, Washington, D. C., 5; Chicago 6; Kansas City 5; Memphis 6, and Atlanta 2. On the other hand, the States west of the Rocky Mountains had abnormally warm weather, the plus departures from normal temperatures ranging generally from 3° to as many as 6°. Also in the upper Lake region and extreme central, northern sections of the country, about-normal warmth prevailed.

Only two States, Michigan and Georgia, east of the Great Plains had as much as normal precipitation for the month with large deficiencies in most eastern sections, especially in the Ohio Valley. In the Great Plains States the amounts were very unevenly distributed geographically, with the central portion, including Nebraska and Kansas, having considerably above normal and both the northern and southern portions being abnormally dry. North Dakota had only 21 percent of normal and South Dakota 36 percent. From the Rocky Mountains westward most States had more than normal precipitation, the monthly totals for California, Nevada, and Utah being nearly twice the normal. However, Arizona had only 60 percent of normal and Washington only 58 percent.

FEBRUARY

Following the extremely cold January over most of the eastern half of the United States, temperatures for February averaged below normal in the south Atlantic area and in all sections south of the Ohio River and southern Missouri, although the departures from normal were not marked. In other sections of the country the month was warmer than normal, rather decidedly so from the Lake region westward and generally from the Rocky Mountains to the Pacific Coast.

February was a relatively wet month with much of the country having decidedly above-normal precipitation. The Rocky Mountain and Pacific Coast States had from 1 to 1½ times the normal amount and east of these sections percentages of normal generally ranged from close to 70 up to the high 90's. The relatively driest State was Illinois with 75 percent of normal followed by Missouri and Nebraska with 80 and 83 percent respectively.

MARCH

Temperatures during March were divided nearly equally along the 95th meridian with subnormal values to the eastward and above normal to the westward. In the eastern part of

the country, the mean temperatures for the month were generally 2° or more below normal over the Southeast and most of the Ohio Valley and more northern portions, while in the Great Lakes region departures ranged mostly from 4° to 6° below the seasonal average. In the western part of the country generally warm weather prevailed, with most of the area having temperatures more than 2° in excess of normal. In the Great Basin, most of the Pacific Northwest, and the upper Rocky Mountain sections departures ranged from 4° to as many as 7° above normal.

Precipitation for the month of March was extremely variable with large ranges occurring within very short distances—for example, Dodge City, Kansas, reported 145 percent of normal and Oklahoma City, Okla., only 1 percent. Considered on a State-wide basis, heavy precipitation occurred over the northeastern States from New Jersey and Pennsylvania northward, in the north-central portion of the country and the far Northwest, with extreme dryness in some southwestern areas. Minnesota was the relatively wettest State with 160 percent of normal followed closely by South Dakota with 155 percent; Nebraska had nearly 1½ times the normal amount. The greatest deficiencies occurred in Oklahoma with only 18 percent of normal, and Arizona with 21 percent. Also, Texas was particularly dry, having only 48 percent of normal rainfall.

APRIL

The weather of April 1940 was characterized by persistent coolness for the season in most sections east of the Rocky Mountains and by a continuation of above-normal temperatures in more western sections. Since the beginning of last winter every month had above-normal temperature in most areas west of the Rocky Mountains, but in the eastern sections there was a decided trend to subnormal warmth.

The monthly mean temperatures were below normal practically everywhere from the Great Plains to the Atlantic Ocean, the greatest minus departures appearing from the Ohio River northward and eastward where the monthly means were generally from 2° to about 4° subnormal. In the Southern States, the negative departures were mostly of the order of 1° or 2°. From the Rocky Mountains westward the month averaged from 1° to 5° warmer than normal.

For the country as a whole precipitation was quite close to normal, with the only serious deficiencies of the month occurring in South Carolina. Throughout most of the Great Plains region the percentages ranged from 15 to over 50 percent above the usual amount, except in Nebraska, while throughout the Ohio and central Mississippi Valleys the excesses were from 15 to over 75 percent. Somewhat subnormal precipitation was reported from the Southeastern States, portions of the Lake region, and the southern Rocky Mountain area, while California had below normal.

MAY

During the month of May the weather continued persistently warm throughout the western half of the country, and decidedly cool in most of the eastern half; precipitation was very unevenly distributed, with most areas having less than normal.

Mean temperatures were about normal in the Northeastern States and most of the Great Plains; however, from the Lake region southward, and in the Mississippi Valley, the averages were below normal, although the minus departures were not large, except in the Ohio and middle Mississippi Valleys and southern Lake region. West of the Rocky Mountains, above-normal warmth averaged mostly from 4° to as many as 9°.

Precipitation for the month was above normal rather generally from the Ohio Valley northward and eastward, though locally deficient, while in a considerable southwestern area, from southern and western Kansas and eastern Colorado southward, most stations reported above normal. Elsewhere the monthly totals were below normal and decidedly scanty in many places. The relatively driest area was the northern Plains States; South Dakota had the driest May since 1934; Nebraska, the driest since 1931; Nevada, since 1929; Wyoming, since 1936; and Idaho since 1934. Utah with a State average of 0.19 inch had the driest May of record, the next driest, in 1900 had 0.36 inch. On the other hand, New Jersey had a State average of 6.29 inches, the wettest May since 1908. In general, the only States having normal or above precipitation were confined to the Lake region, the eastern Ohio Valley, and States to the eastward and northeastward, except in the Middle West, and Southwest; Kansas averaged exactly normal and New Mexico 158 percent.

JUNE

The outstanding features of the weather of June 1940 were the abnormally heavy rains in the central and western Gulf area, and the middle and upper Rio Grande Valley, and a continuation of unusually warm weather over the western part of the country. This latter feature

was remarkable, with June making the 12th consecutive month with abnormally high temperatures in nearly all sections west of the Rocky Mountains.

The month was cooler than normal in the Northeast, the upper Lake region, and from Alabama westward to the Rio Grande Valley, although the minus departures were relatively small. In the middle and south Atlantic areas and the Ohio and upper Mississippi Valleys, temperatures averaged somewhat above normal, with the largest plus departures in northwestern Illinois and central and eastern Iowa. West of the Rocky Mountains the monthly mean temperatures were decidedly high, ranging generally from 4° to as many as 9° above normal, except along the Pacific coast where about-normal warmth prevailed.

June rainfall was decidedly variable. The monthly rainfall was heavy throughout the South; the greatest amounts being reported from Louisiana with the State average twice the normal. It was also heavy from Ohio northward and from West Virginia northeastward, though a local middle Atlantic area was decidedly dry; Maryland and Delaware had only slightly more than half the normal amount. The central and northern States west of the Mississippi River all had deficiencies, the percentages of normal ranging from about 90 percent in Minnesota and Missouri to only 22 percent in California. North Dakota was the driest of the Plains States with 64 percent of normal rainfall, and Colorado, with 53 percent of normal, the driest of the Rocky Mountain group.

JULY

The first part of July was not abnormally warm, especially in eastern sections; however, for the month as a whole, the greater part of the country averaged normal warmth. Plus departures ranged from 2° to 10° above normal in the upper Mississippi and Missouri Valleys, with most of the Great Plains and upper Rocky Mountain area having excess of 4° or more. Much of the South and Southeast reported temperatures close to or below normal with only a few areas reporting temperatures in excess of 2°.

Rainfall was heavy to excessive in the lower Mississippi Valley and east Gulf States, while most of the Northwest had above normal precipitation. The Ohio Valley, Missouri, and the central Great Plains were seriously deficient in rainfall, with four States, Indiana, Illinois, Missouri, and Kansas, having less than half of the normal. Other seriously deficient areas were New Jersey, the Great Basin States, and the Southwest. Odd instances of rainfall variability occurred in the Central Plains States where Iowa received 119 percent of normal and all surrounding States from 20 to nearly 60 percent below the normal.

AUGUST

Temperatures for August averaged moderately higher than normal in most sections of the country, with precipitation abnormal in the Central and Eastern States and decidedly deficient in the West. Temperature averages were somewhat below normal from Virginia northward to Pennsylvania and southern New York, in the west Gulf States, and near normal, mostly slightly below, in the trans-Mississippi States. Otherwise, the means were above normal, with the greatest plus departures from the northern Great Plains westward to the Pacific Ocean and central Great Basin. In the latter area, the month was 6° or 7° above normal.

August precipitation was deficient in New York and New England, Indiana, Kentucky, South Dakota, Nebraska, Mississippi, and Alabama. Otherwise the amounts were above normal in all States from the Great Plains eastward. From the Rocky Mountains westward, moisture was markedly deficient in most areas.

SEPTEMBER

September was warmer than normal from the western Lake region, western Ohio Valley, the southern Great Plains westward, and mostly cooler than normal in the South and Eastern States. The greatest abnormalities occurred between the Lake region and the Pacific Ocean, where the monthly mean temperatures were mostly from 4° to 8° above normal; a large southwestern area had only slightly above-normal warmth. In the South the minus departures were mostly 1° to 2°, and were 2° to 4° in most localities from the middle Ohio Valley eastward. The more northeastern States had about-normal warmth.

The outstanding feature of September's weather was the large variations in precipitation, geographically and in amount. From Montana and the Rocky Mountain States westward, except California, it was one of the wettest Septembers of record. In Oregon, only one previous September, 1927, had more rainfall, while it was the third wettest in Nevada. Utah and Idaho had the greatest amount of precipitation for any September of record, while Arizona and Colorado both had the second wettest of record.

On the other hand, a large interior section of the country was extremely dry. In Iowa, with only 25 percent of normal rainfall, the month was the second driest of record, and in Missouri, with 17 percent, the second driest, while Illinois, with 18 percent, had the least rainfall of record for September. There were also some great contrasts in the East. With West Virginia exactly normal, Virginia adjoining had only 18 percent of normal, the driest September of record. The Southeastern States, except Florida, continued very dry, while Texas had less than half of normal rainfall. Georgia had less rain than in any previous September.

OCTOBER

October had abnormally low temperatures in the Northeastern States, near-normal warmth in the Atlantic area and Gulf sections, and also in much of California. Elsewhere the month was decidedly warmer than normal, but outstandingly so in the interior valleys and Northwest. The monthly mean temperatures were 2° to 5° below normal from extreme eastern North Carolina and much of Virginia northward and northeastward, while in the south-Atlantic coast districts and much of Florida the departures were from 1° to 2°. In all other sections of the country the means were above normal, with the largest plus departures ranging from 4° to 9° occurring southward from the middle Mississippi Valley and southern Great Plains.

The month was abnormally wet in the northern border States west of the Great Lakes and in all sections west of the Rocky Mountains. In the Pacific Northwest the monthly precipitation totals averaged more than one and a half times the normal, but the largest totals occurred in the Southwest where Arizona had more than twice the normal amount. As usual there were marked contrasts for adjoining States; for example, the Northwest had 140 percent of normal and North Dakota 147, but the adjoining State of South Dakota had slightly more than three-fourths the normal amount. The relatively driest area occurred in the Ohio Valley and southward, especially the more Southeastern States where only one-fifth to one-third the normal amount of moisture was received. Also, the extreme Northeast was decidedly dry—New England 77 percent of normal—while Kansas had but little more than half the normal rainfall.

NOVEMBER

The weather of November 1940 was in marked opposition to that of November a year ago. November 1939 was abnormally warm over most of the western two-thirds of the country and was one of the driest Novembers of record, while the outstanding characteristics of November 1940 were the heavy precipitation in nearly all sections from the Rocky Mountains eastward and markedly subnormal temperatures over most of the West and Northwest.

Departures from normal temperatures were close to slightly above normal in the Atlantic Seaboard States, the east Gulf section, and a narrow coast-line strip in the west Gulf and central and southern Pacific. The balance of the country averaged below normal warmth, with departures reaching their maximum of 6° to 10° below normal over the northern Rocky Mountain States.

The Pacific Coast States, and the States of Nevada, North Dakota, Tennessee, and Florida had subnormal amounts of precipitation ranging from 99 percent of normal in Tennessee to 51 percent in Florida; but all other States had above normal with a number having more than twice the normal monthly amount. This was in marked contrast with November 1939 when only Arizona had as much as normal rainfall.

DECEMBER

The first half of December had marked contrasts in temperatures between the eastern and western half of the country. The first week was decidedly cold for the season east of the Mississippi River and abnormally warm in the West, while conditions were subsequently reversed with cold weather over the Western States and abnormally high temperatures in the East. During the last half of the month, widespread abnormal warmth prevailed, with the general range of temperature considerably above normal everywhere; the last week was about 20° warmer than normal in some northwestern districts.

For the month as a whole, all sections, except very locally in the Northeast, averaged warmer than normal. Throughout the Central Valleys and Northwest, the temperature averaged from 4° to as many as 9° above normal, while in the South and the Pacific States, plus departures generally ranged from 3° to 5°.

December was abnormally wet in Florida, the Gulf States, and from Missouri, Oklahoma, and Texas westward to the Pacific Ocean. It was much drier than normal in the northern Great Plains and moderately dry in the Pacific Northwest and the Central States, east of the Mississippi River. The outstanding feature of the month's precipitation was the extremely

heavy falls in the far Southwest, especially in California and Arizona. The average amount for California was 9 inches, nearly two and one-half times the normal and the greatest for this month since 1894. Arizona had an average of 3.64 inches, three times the normal, making the wettest December since 1906. New Mexico had more precipitation in this month than at any time since 1926. As usual, there were some marked contrasts for adjoining States, such as Georgia, with less than normal, and Florida with more than twice the normal, Oregon relatively dry and California extremely wet, abnormally heavy amounts in Utah and scanty falls in Wyoming.

THE WINTER OF 1939–40

The distribution of temperature for the three winter months, December 1939–February 1940, averaged below normal in nearly all sections east of the Great Plains, except for a considerable area from the Central Lake region westward. The greatest negative departures were in the Southeast, largely due to the extremely cold January which was the coldest of record over a large portion of this district. From the Rocky Mountains westward, the winter was decidedly warmer than normal, the greatest positive departures appearing in the Northwest and the Great Basin where the temperatures averaged 5° or 6° above normal.

Precipitation for the three winter months showed a marked contrast, in general, between the eastern and the western half of the country. The winter was unusually wet from the Rocky Mountains westward, except Arizona which had only about three-fourths of normal rainfall. The Central Great Plains (Nebraska and Kansas) had slightly above normal, and Florida received somewhat more rain than usual. Otherwise, from the Great Plains eastward the winter was relatively dry, markedly so, in much of the interior. New Jersey, Arkansas, Illinois, and Indiana had the lowest percentages of normal rainfall ranging from 60 to 66 percent. The middle and east Gulf States had only small deficiencies.

PRECIPITATION FOR THE YEAR 1940

Table 4 shows the average precipitation by States for the years 1931 through 1940 in percent of normal. For the country as a whole the weighted average was 30.3 inches, exactly the same as 1937 and not exceeded since 1927. The wettest years of record (now shown on the table) were 1905 and 1915 but with a country-wide average of 32.7 inches, or 112 percent of normal. The driest of record were 1930 and 1934 shown with an average of 25.7 or 88 percent of normal. The weighted normal amount for the United States is 29.11 inches. During the year 1940 Louisiana with 74.6 inches or 134 percent of normal was the wettest State, the second wettest, Mississippi, 60.6 inches or 114 percent of normal, the driest State was Nevada with an average of 10.9 inches but this was 124 percent of normal; the second driest, Wyoming, 14.4 inches which was slightly above normal. As related to the normal, California with 156 percent was the wettest State in 1940 and Nebraska with 74 percent the driest.

California had the wettest year since 1909 and the third wettest of record; Nevada had the second wettest since 1913; Arizona, the wettest since 1931; Utah, the second wettest since 1927 and Idaho the wettest since 1927 and the third wettest of record. On the other hand Nebraska had the fifth driest year in nearly half a century while Illinois was the driest since 1930 and the fourth driest in 50 years.

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

State or region	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Alabama	81	121	91	104	93	113	111	92	112	102
Arizona	144	100	86	78	112	103	99	101	93	125
Arkansas	97	105	101	88	117	72	114	102	104	93
California	103	66	86	76	94	111	123	128	67	152
Colorado	85	86	92	66	96	98	88	117	65	102
Florida	83	100	106	101	99	109	111	82	103	99
Georgia	74	114	84	96	90	118	106	85	99	95
Idaho	83	111	100	89	72	96	116	113	79	127
Illinois	102	98	94	88	112	82	99	109	96	77
Indiana	97	108	103	75	100	86	117	104	99	83
Iowa	112	102	79	85	105	82	87	115	80	97
Kansas	97	89	83	74	106	69	78	102	75	96
Kentucky	92	97	111	81	126	83	109	101	104	85
Louisiana	94	112	98	106	102	82	106	90	92	134
Maryland-Delaware	94	115	120	112	116	107	126	101	106	105
Michigan	97	108	99	83	93	89	101	103	99	107
Minnesota	89	86	83	80	102	73	102	113	87	101
Mississippi	98	127	94	100	96	84	104	92	102	114
Missouri	100	94	90	85	118	73	93	102	95	81
Montana	66	106	103	73	71	75	85	109	84	100
Nebraska	83	89	85	61	97	62	75	95	69	74
Nevada	89	92	75	79	96	116	101	134	97	125
New England	99	105	107	103	93	119	114	122	92	103
New Jersey	81	103	109	99	93	105	105	116	95	107
New Mexico	126	112	88	70	102	94	104	101	91	104
New York	97	108	96	90	97	103	112	106	88	103
North Carolina	88	105	79	108	97	121	107	97	99	92
North Dakota	87	99	77	55	105	52	99	89	82	101
Ohio	99	97	99	70	104	88	117	105	100	101
Oklahoma	96	104	93	84	112	67	85	101	81	103
Oregon	94	102	108	99	78	89	133	101	79	113
Pennsylvania	88	92	107	92	95	100	110	95	87	103
South Carolina	78	113	75	95	89	122	109	85	97	90
South Dakota	73	96	76	66	85	58	86	88	79	79
Tennessee	86	119	102	95	100	95	112	100	100	96
Texas	95	110	84	87	121	102	87	88	80	113
Utah	79	105	83	74	85	132	115	118	90	123
Virginia	91	107	95	110	112	109	128	101	99	107
Washington	121	127	136	110	84	93	125	84	91	103
West Virginia	99	102	113	87	119	98	116	99	101	103
Wisconsin	98	83	89	100	100	84	90	137	87	108
Wyoming	82	95	87	78	87	94	110	108	73	103

TORNADOES, 1940

The Weather Bureau Section Directors have compiled tornado data annually since 1916. The information for 1940, the twenty-fifth year in the series, is given in table 5, page 13, and a summary for each of the years is shown in table 9, page 20.

Descriptions of most of the tornadic disturbances of 1940 have previously appeared in Weather Bureau publications. The present tabulation differs slightly from that of the preliminary survey for 1940, printed in the February 1941 issue of the Monthly Weather Review, because further investigation has determined changed classifications for a certain few storms.

For 1940, 32 States reported 130 tornatoes; 16 States, the District of Columbia, the two Territories and the West Indies reported none. Two tornadoes which originated in Missouri passed into Illinois, hence the net score for the year is 128. This total is 26 tornadoes less than were experienced in 1939, and is 91 percent of the average number per year, 1916 through 1939. In fourteen of those years more tornadoes were reported than occurred in 1940 and in ten years the number was less. The number of destructive tornadoes was further reduced to 118 because four of the disturbances failed to extend to the ground and four struck range lands or unoccupied areas.

The estimated damage to property caused by tornadoes in 1940 was $6,015,320. This sum is 53 percent of the annual average amount of tornado losses throughout the country since 1916. More property losses than in 1940 were reported in fifteen of the years, and in nine years the damage was not so great. Damage to crops amounted to about one seventy-fifth of the total 1940 property losses.

Sixty-five persons were killed by tornadoes during the year, or 26 percent of the average for the period, 1916–1939. Twenty-one of the years had more loss of life than had 1940. The average number of lives lost annually through tornadoes, since 1916, is approximately two for each storm; in 1940, however, the ratio was only one killed for each two storms. Persons injured by tornadoes in 1940 numbered 780, compared with 945 in 1939, and 1,296 in 1938.

The variation in destructiveness between the individual tornadoes reported is mostly due to whether or not chance leads the destroying force to areas in which valuable property and considerable numbers of people are concentrated, rather than to differences in striking power. Of course, the striking power of tornadoes does vary widely.

In the Rocky Mountain States and westward, no State had more than 1 tornado and the total number for 11 States was 6, only 5 percent of the total for the country. One of the six stayed aloft; three struck range land; the one in Idaho caused $25,000 property damage and injuries to three persons; and the remaining storm caused a relatively slight amount of damage in Wyoming.

Between the Rocky Mountain States and the Mississippi River only Minnesota was spared from the ravages of tornadoes. Each of the other States had at least 2 of these spectacular storms and 2 of the States, Louisiana and Texas, had 16 and 18 respectively. Altogether, this group of States had 78 tornadoes, or 62 percent of the 1940 national total. The estimated damages to property inflicted by tornadoes in the group amounted to $1,570,000, or 26 percent of the total for the country. Thirty-three persons, 51 percent of the total, were killed and 192, or 26 percent of the total, were injured.

North of the Ohio and Potomac Rivers and east of the Mississippi 15 tornadoes (2 additional tornadoes originated in the middle western area), or 12 percent of the national total, struck 8 of the 16 States. Property damage of $729,500 was reported for the group, or 12 percent of the total. Six persons, or 9 percent of the country's tornado fatalities, were killed, and 53 persons, 7 percent of the total were injured. Michigan and all the States of this group which lie along the Atlantic were untouched, except Massachusetts, where destruction wrought by the one tornado was small. The heavy damage was concentrated in Wisconsin, Illinois, and Indiana; in these 3 States occurred 11 of the group's 17 tornadoes, all the loss of life, all but one of the personal injuries and almost all of the property damage. Illinois was much the worst sufferer with 7 tornadoes (including the 2 which originated in Missouri), property damage of over one-half million dollars, 3 persons killed and 41 injured.

South of the Ohio and Potomac Rivers and east of the Mississippi 27 tornadoes visited 8 of the 10 States. Property damage reported in the group was $3,650,000 or 61 percent of the national total, with 26 deaths, 40 percent of the total, and 505 injuries, 67 percent. Of these States, Kentucky and West Virginia were unaffected; the Carolinas, Virginia and Tennessee had from one to three tornadoes each, for a total of seven with no loss of life, comparatively few injuries, and moderate property losses. Mississippi and Florida were each hit by 6 tornadoes and Alabama by 5, with 8 persons killed, 87 injured and property losses of $314,000 in the 3 States.

One of the three tornadoes which occurred in Georgia in 1940 was the outstanding destructive disturbance of its kind in the country. This disastrous storm killed 18 persons, injured 397 and caused an estimated property loss of $3,200,000, or 54 percent of the country's entire property damage by tornadoes. The storm struck the southern edge of the town of Albany, in Dougherty County, at 4:20 a. m., February 10, and moved northeastward through the central area. The path was 1½ miles long and ¼ mile wide. Twenty-two residential blocks and 10 business blocks were affected; 450 houses were more or less completely demolished and 500 others sustained minor to serious damages. This disturbance ranks as the second greatest tornado catastrophe in the history of Georgia, rated on the value of the property damaged, and about fourth on the basis of persons killed and injured.

CHARACTERISTICS OF THE 1940 TORNADOES

The representative, or average tornado, made up from descriptions of the disturbances which occurred throughout the country in 1940, was about 1½ miles long and 250 yards wide. It struck somewhere in the South Central area about 4:30 p. m. of a day in April, injured three persons and destroyed $22,000 worth of property, mostly on farms. The tremendous damage wrought by one tornado which travelled through a town in Georgia, is omitted from this calculation.

Tornadoes developed in every month of 1940. March and April, with about the same number of disturbances, produced 37 percent of the 126 tornadoes reported for the year, the greatest concentration for a like period of time. This percentage was nearly evenly divided between two small groups of States—Texas and Louisiana, and Iowa, Nebraska, and Kansas—with but few tornadoes reported in those two months in other States. Forty-three percent of the year's total number of tornadoes occurred in the four months, May through August, with some concentration in June. Two-thirds of the tornadoes of June appeared in Iowa, Nebraska, and Kansas, with only two disturbances in Texas that month, and none in Louisiana. The remaining six months of the year, January through February, and September through December, witnessed 20 percent of the year's total number of tornadoes, with no particularly well marked concentration of occurrences in any one month or group of months.

Tornadoes were propagated at some time of the year in all of the 24 one-hour intervals of the day and night, although only 34 percent of the disturbances struck during the seventeen-hour period between 7 p. m., and 12: 59 p. m. of the following day. Concentration of occurrences became evident at 1 p. m., reached their maximum at 4 p. m., then declined until 7: 59 p. m. sixty-six percent of the tornadoes of 1940 appeared between the hours of 1 p. m. and 7: 59 p. m. The hours from 4 p. m. until 6:59 p. m. were the most dangerous in the year as in that 3-hour interval 44 percent of the 1940 total struck.

No observations of the speed of translation of tornadoes were reported for 1940. In former years speeds have varied from 15 to around 60 miles per hour.

Direction of advance of the tornadoes which occurred in 1940 was toward the northeast in 51 percent of the cases; toward the east in 15 percent, southeast in 11 percent, and north in 9 percent. Summarizing, 86 percent of the disturbances moved north, northeast, east, or southeast; 14 percent moved south, southwest, west, or northwest.

Sufficient information was reported respecting 62 of the destructive tornadoes of 1940 to permit computation of their average length and width of path.

The average length of path of the 62 tornadic disturbances used as a sample of tornado performance in 1940 was 4.6 miles. Eleven percent of the number were less than one mile in length. The greatest concentration of occurrences was in the group one mile, but less than two miles, long, which contained 29 percent of the total observations. Seventy-six percent of the total were less than six miles long and 24 percent were six miles or more in length.

The width of path of the average 1940 tornado was 257 yards. Twenty-three percent were under 100 yards wide; 31 percent were 100 yards, but less than 200 yards, and 34 percent were 200 yards, but less than 500 yards, wide. In summary, the paths of eighty-seven percent of the tornadoes of 1940 were under 500 yards wide, and thirteen percent were 500 yards or more in width.

ITEMS OF TABLE 5

Where two or more county names appear, the word "and" between them or before the last named county, indicates that the tornado path began in the first county and continued through in the order named; and was confined to those counties unless it was one of the two tornadoes known to have crossed a State boundary, in which case only the portion within each State is indicated. Braces are sometimes used in cases where it is possible to present statistics for each

county. Notations immediately after county names, such as (NE), (E), and (E–C) indicate, respectively, Northeast, East, and East Central portions of the counties in which the disturbances took place.

The direction of advance is usually entered to eight points of the compass, but is given to sixteen points if so reported.

The length of path of a non-continuous storm is the entire distance from point of impact to dissipation. The width of path is usually the average width, but occasionally the width varied sufficiently for maximum and minimum widths to be given.

TABLE 5.—*Tornadoes of 1940, arranged by States*

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
ALABAMA				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
1. Jan. 14	3 a. m.	Monroe (C.)	NE	1	440	3	12	5,000	
2. Jan. 14	5 a. m.	Montgomery (NE.)	ENE	1	100	4	10	15,000	
3. Feb. 13	3:30 p. m.	Lowndes	NE	¼	50	0	3	2,500	
4. Mar. 29	6 p. m.	Choctaw	NE	5	440	0	30	20,000	
5. Dec. 27	11:50 a. m.	Houston (NW.)	NE	1	50	0	0	15,000	Occurred in town of Dothan.
ALASKA									
(None reported)									
ARIZONA									
(None reported)									
ARKANSAS									
1. Apr. 30	6 p. m.	Grant (N.)	E	15	440	6	9	[2] 800 8,000	
2. May 18	6 p. m.	Van Buren (SE.)	NE	5	400	0	0	5,000	Buildings destroyed.
CALIFORNIA									
1. Mar. 9	Afternoon	Los Angeles	(1)	(1)	(1)	0	0	0	Whirlwind with slightly developed funnel cloud not reaching the ground.
COLORADO									
1. May 28	3:30 p. m.	Custer (C.)	SE	3	(1)	0	0	0	Sparsely settled region.
CONNECTICUT									
(None reported)									
DELAWARE									
(None reported)									
DISTRICT OF COLUMBIA									
(None reported)									
FLORIDA									
1. Aug. 1	4:15 p. m.	Dade	ENE	(3)	(3)	0	0	1,500	Roofs damaged—no funnel cloud seen.
2. Dec. 26	10:30 p. m.	Lee	NE	(3)	50	0	2	(4)	One small house demolished—several damaged.
3. Dec. 27	1:30 a. m.	Broward	ENE	(3)	200	0	0	(4)	Small damage, mostly to trees.
4. Dec. 27	12:30 a. m.	Putnam	N	1	200	0	0	(4)	Considerable damage to trees and houses.
5. Dec. 27	Early morning	Volusia	NE	1½	(3)	0	0	(4)	Small damage, mostly to roofs and chimneys.
6. Dec. 27	12:50 a. m.	Flagler	NNE	10	100	0	4	(4)	Four tourist cabins demolished.
GEORGIA									
1. Feb. 10	4:20 a. m.	Dougherty (NE.)	NE	1½	440	18	397	3,200,000	Storm moved through central portion of Albany. Second greatest tornado disaster in Georgia on basis of property damage and fourth, measured by number of killed and injured.
2. Aug. 2	Late afternoon	Laurens (C.)	NW	4	300	0	0	[2] 100 250	Four houses damaged, trees uprooted. Rotary winds, but no funnel cloud.
3. Nov. 1	Near 3:40 p. m.	Habersham (ext. SW.)	NE	1½	(3)	0	1	2,000	Storm passed through residential section of Cornelia damaging several houses. Destructive effects were along a non-continuous path.

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1940, arrangea by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
HAWAII									
(None reported)				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
IDAHO									
1. Apr. 26	4 p. m.	Gooding	N	2	200	0	3	[e] 1,000 24,000	Buildings on 5 farms demolished, livestock and poultry killed.
ILLINOIS									
1. Mar. 2	12:15 p. m.	Johnson	NE	8	150	1	8	70,000	Destroyed 12 residences, also considerable rural property.
	12:30 p. m.	Pope (W.)	NE	7	150	0	0	5,000	Terminated in Pope County.
2. Mar. 2	12:30 p. m.	Gallatin	NE	3	100	0	0	10,000	School building unroofed.
3. Mar. 2	3:30 p. m.	Macoupin (SE.)	NE	4	150	0	0	10,000	
4. Mar. 2	3:30 p. m.	Madison (W.-C.)	NW	3½	35	0	0	150,000	Storm moved from SE. to NW. over sections of Alton. 12 homes unroofed, 750 other buildings damaged.
	3 p. m.	Mason and Logan	NE	1	83	0	0	10,000	First observed in NE. Mason County near Logan County line. Little or no damage in Logan County.
5. Apr. 29	3:15 p. m.	Tazewell	NE	13	83	0	0	50,000	Principal damage to farm residences.
	4:45 p. m.	Livingston	NE	10	83	1	20	25,000	Apparently a continuation of Tazewell County tornado.
*6. Apr. 30	4:45 p. m.	Alexander	ENE	2	100-650	0	0	10,000	Continuation of Missouri No. 1.
	5 p. m.	Pulaski	ENE	8	100-650	0	0	20,000	
*7. Apr. 30	6 p. m.	Alexander	ENE	3	335	0	0	[e] 2,000 25,000	Disturbance apparently associated with No. 6 and probably a continuation of same; evidence tends to indicate that No. 7 was most likely a continuation of Missouri No. 2.
		Pulaski	ENE	15	335	1	13	[e] 8,000 100,000	
		Johnson	ENE	18	335	0	0	25,000	
		Massac	ENE	5	335	0	0	10,000	
		Pope	ENE	14	335	0	0	25,000	
INDIANA									
1. Mar. 2	1:40 p. m.	Vanderburg (S.)	ENE	(1)	30-150	1	19	150,000	250 houses damaged in northern part of Evansville.
2. Mar. 2	2:15 p. m.	Warrick (NW.)	NE	(1)	50	0	5	10,000	Occurred about 5 miles south of Boonville.
IOWA									
1. Mar. 28	5:45 p. m.	Carroll (SW.), and Crawford (SE.).	NW	10	300	0	0	12,500	
2. Mar. 28	7 p. m.	Polk (W.-C.)	N	1	400	0	1	3,000	Most damage confined to one farm.
3. June 3	4 p. m.	Plymouth (SW.)	NE	(2)	35	0	0	250	Very small funnel cloud observed during thunderstorm.
4. June 3	Evening	Dickinson (S.-C.)	(1)	(2)	(3)	0	0	400	May have been a redevelopment of No. 3.
5. June 22	3:15 p. m.	Cass (NE.)	NE	1½	1,000	0	1	2,500	Rural property damaged.
6. June 22	4:30 p. m.	Clayton (N.-C.), and (NE.).	NE	5	800	0	0	5,000	Some damage was done by wind squall moving north. Storm path veered to NE. and funnel cloud developed.
7. June 23	12:30 a. m.	Boone (NW.)	NE	(2)	80	0	0	7,000	Damage confined to one farm; funnel cloud observed.
8. June 27	9:15 p. m.	Ringgold (E.-C.)	SE	(2)	(1)	0	0	1,500	In midst of area of straight high-wind damage, 3 funnel clouds were observed; paths of funnels were in area 2 miles wide.
9. July 8	11:30 p. m.	Shelby (W.-C.)	SE	10	(1)	0	25	100,000	Tornado developed near center of 100 square mile area of severe wind and hailstorms. Damage concentrated at Portsmouth.
10. July 27	7 p. m.	Ringgold (W.-C.)	E	(6)	35	0	0	1,500	Small tornado skipped over area several miles long; funnel cloud observed.
KANSAS									
1. Apr. 28	6 p. m.	Graham (N.), and Norton (SW.).	W-SW	3	440	0	0	2,000	Farm buildings damaged.
2. Apr. 28	6:30 p. m.	Gove (NE.)	SW	4	(3)	0	0	(4)	Damage small.
3. Apr. 28	7 p. m.	Norton (SE.)	SW	6	(3)	0	0	2,000	Farm property damaged. Several small vortex clouds in addition to main storm were reported.
4. May 7	4 p. m.	Comanche (C.)	SW	5	50	0	0	0	Vortex cloud divided into an upper and lower section soon after formation.

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1940, arranged by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
KANSAS—con.				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
5. June 5	6:15 p. m.	Rawlins (SW.)	S	15	137	0	0	2,000	Farm property damaged. Originated at a point 15 miles SE. of MacDonald.
6. June 6	1:30 a. m.	Gove (N.)	(1)	(1)	(1)	0	0	(1)	Struck the town of Park. Demolished lumber yard and wrecked a store front.
7. June 23	1.40 p. m.	Anderson (C.)	SW	6	17	0	0	5,000	Struck edge of town of Garnett. Houses and buildings damaged. Some damage to rural property east of Garnett. Many trees blown down.
8. July 21	4:32 p. m.	Sedgwick (E.-C.)	NE	(1)	(1)	0	0	0	Vortex cloud did not reach the ground; observed NE. of Wichita Airport.
9. Aug. 14	Afternoon	Coffey (SW.)	W-SW	1¾	(1)	0	0	6,000	Farm buildings damaged; originated 5.4 miles SSW. of Gridley.
10. Aug. 23	Evening	Graham (C.)	S	(1)	(1)	0	0	4,500	Farm buildings destroyed 8 miles NE. of Hill City.
11. Aug. 26	8 p. m.	Harper (SW.)	(1)	¼	33	0	0	3,000	Farm buildings damaged 8 miles WNW. of Anthony.
12. Sept. 2	6 p. m.	Sedgwick (SE.)	(1)	(1)	(1)	0	0	0	Struck for a short distance in a wheat field occurring near Haysville.
KENTUCKY									
(None reported)									
LOUISIANA									
1. Feb. 5	4 p. m.	St. James	ENE	2½	165	0	0	3,000	
2. Mar. 29	10:56 a. m.	Assumption	NE	2	400	5	60	45,000	26 homes destroyed.
3. Mar. 29	1:15 p. m.	Tangipahoe	NE	1	150	1	0	1,770	Several barns and tenant houses demolished.
4. Mar. 29	2 p. m.	Iberville	NE	(1)	100	0	0	2,500	2 houses destroyed, several others damaged.
5. Mar. 29	2:30 p. m.	Washington	NE	8	800	1	2	11,000	1 house destroyed, several others damaged.
6. Apr. 6	8:45 p. m.	Catahoula	N	2	1,320	0	0	5,000	2 houses destroyed, several others damaged.
7. Apr. 7	12:07 a. m.	Tangipahoe	NE	1½	100	3	25	500,000	Traversed 6 blocks of business district, 50 houses demolished, 50 badly damaged.
8. Apr. 7	12:30 a. m.	Tangipahoe	NE	(1)	440	0	5	8,250	
9. Apr. 7	2:15 a. m.	Jefferson	NE	1	440	2	2	5,000	
10. Apr. 7	6:15 a. m.	St. James	NE	(1)	25	0	1	3,000	
11. Apr. 7	6:30 a. m.	Terrebonne	NW	¼	50	1	0	2,500	
12. June 17	5:10 p. m.	La Fourche	N	(1)	70	0	1	5,000	
13. June 17	5:30 p. m.	St. James	N	(1)	20	0	0	1,500	
14. Sept. 24	4:45 a. m.	Pointe Coupee	NW	7	(1)	1	3	6,000	
15. Dec. 12	3 a. m.	Assumption	N	(1)	100	0	1	10,000	
16. Dec. 15	1:15 p. m.	Ascension	NE	(1)	100	0	8	2,000	
MAINE									
(None reported)									
MARYLAND									
1. July 23	5 p. m.	Montgomery	S	10	3,520	0	0	2,500	Traversed mostly wooded area; a few homes unroofed.
MASSACHUSETTS									
1. May 1	Late afternoon	Norfolk	(1)	⅙	13	0	0	2,000	Damage incurred at Bellingham Center.
MICHIGAN									
(None reported)									
MINNESOTA									
(None reported)									
MISSISSIPPI									
1. Mar. 3	6:30 p. m.	Prentiss (N.)	NE	3	250	0	6	10,000	Occurred at town o. Thrasher.
2. Mar. 29	4:10 p. m.	Pearl River (N.)	NE	12	60	0	6	5,000	Occurred near Poplarville.
3. Mar. 29	6 p. m.	Wayne (SE.)	NE	1	200	0	1	7,000	Occurred at town of Bucatunna.
4. Sept. 24	1 p. m.	Newton (SE.)	NE	½	100	0	0	3,000	Occurred near town o Chunky.
5. Sept. 24	4 p. m.	Lauderdale (NE.)	NE	3	500	1	6	30,000	Occurred in town of Lauderdale.
6. Nov. 11	2 a. m.	Washington (S.)	NE	15	50	0	7	200,000	Path extended from Leota to Hollandale.

For footnotes see end of table.

TABLE 5.—*Tornadoes of 1940, arranged by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
MISSOURI				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
*1. Apr. 30	4:30 p. m.	Scott (C.), Butler (E.-C.), and Stoddard (C.).	NE	50	2,640	6	32	150,000	Crossed into Illinois as No. 6.
*2. Apr. 30	6:30 p. m.	Scott (C), and Mississippi (N.).							Crossed into Illinois as No. 7. Losses and other individual data per disturbance not available.
MONTANA									
1. July 5	2:45-2:50 p. m.	Cascade	(1)	(1)	(1)	0	0	0	Travelled over range land; occurred 12 miles east of Great Falls Airport.
NEBRASKA									
1. Apr. 27	2:30 p. m.	Chase	NE	1	100	0	0	2,000	
2. Apr. 27	4:45 p. m.	Keith	NE	3	83	0	1	5,000	
3. Apr. 27	6:45 p. m.	Custer	NW	12	880	0	1	40,000	
4. June 5	4 p. m.	Perkins	E	10	50	0	0	8,000	
5. June 5	5:30 p. m.	Butler	NE	(1)	880	0	0	10,000	
6. June 27	7 p. m.	Saunders	SE	10	5,280	0	0	5,500	
7. July 21	12 noon	Saline	(1)	(2)	100	0	0	2,000	
8. July 27	5:45 p. m.	Otoe	SE	1	100	0	0	11,500	
9. July 29	5 p. m.	Lancaster	E	1	100	0	0	5,000	
NEVADA									
(None reported)									
NEW HAMPSHIRE									
(None reported)									
NEW JERSEY									
(None reported)									
NEW MEXICO									
1. July 28	4:40-5 p. m.	Otero	NE	(1)	(1)	0	0	0	The tornado occurred in an unoccupied area; funnel shaped cloud observed.
NEW YORK									
(None reported)									
NORTH CAROLINA									
1. Apr. 19	5:45 p. m.	Gaston (E.)	NE	1/18	3	0	1	(7)	Destroyed a small cafe and a cotton gin. Definite monetary estimate not obtained.
2. May 30	Afternoon	Wayne (N.)	(1)	(1)	(1)	0	0	(7)	Destroyed 2 houses and damaged 5 others. Definite monetary estimate not obtained.
3. Aug. 14	5:20 p. m.	Guilford (SE.)	NE	2	100	0	0	(7)	Destroyed 3 tobacco barns. Definite monetary estimate not obtained.
NORTH DAKOTA									
1. May 5	1:30-2:30 a. m.	Morton (NE.), Oliver (SE.), and Burleigh (NW.).	NE	50	14,080	0	1	* 50,000 100,000	Many trees uprooted, barns demolished, and some cattle killed.
2. Aug. 3	4:20 p. m.	Kidder (S.-C.)	E	5	880	3	12	90,000	Three public buildings, 7 houses badly damaged and other buildings damaged in town of Dawson.
OHIO									
1. June 9	Afternoon	Summit	(1)	3	300	0	0	(4)	Small buildings on 3 farms destroyed in suburban Akron.
OKLAHOMA									
1. May 21	Late afternoon	Canadian	(1)	1	17	0	0	250	
2. May 21	4:30 p. m.	Grady	(1)	5	200	0	4	25,000	Many houses and barns destroyed.
3. Aug. 5	2:15 p. m.	Rogers	(1)	½	200	0	0	2,200	Damage confined to one farm.
4. Aug. 5	6:30 p. m.	Kingfisher	SE	3½	1,000	0	0	15,000	One frame church demolished.
5. Oct. 28	8:12 a. m.	Hughes	NE	½	100	0	1	10,000	Struck in an urban area.
OREGON									
(None reported)									
PENNSYLVANIA									
1. May 1	4 p. m.	Clearfield (E.-C.)	NE	½	(1)	0	1	(8)	Numerous occurrences of minor damage to roofs, signs, etc., but total damage comparatively small; passed through town of Winburne.

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1940, arranged by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
PENNSYLVANIA—continued				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
2. Nov. 29	9:29–9:37 a. m.	Clearfield (E.-C.)	E-NE	(2)	(2)	0	0	(7)	Upper air tornado, well above earth's surface; observed 4 or 5 miles SE. of Kylertown.
RHODE ISLAND									
(None reported)									
SOUTH CAROLINA									
1. Aug. 10	Early afternoon	Spartanburg	(1)	(2)	(2)	0	0	2,000	Buildings unroofed.
SOUTH DAKOTA									
1. July 19	5 p. m.	Hamlin (N.)	NE	1	300	0	0	5,000	Farm buildings wrecked; path not continuous.
2. July 21	Afternoon	Hand (S.)	SE	(1)	(1)	0	0	(8)	Destroyed a barn, garage, and 2 windmills.
3. July 23	(1)	Hutchinson (NW.)	(1)	(1)	(1)	0	0	(8)	Wrecked a church and a barn.
4. Aug. 23	9:50 p. m.	Day (NW.)	SE	(1)	(1)	0	0	[c] 3,000 50,000	Damaged 50 buildings. Livestock and poultry killed.
TENNESSEE									
1. Mar 2	5 p. m.	Henderson, Humphreys, and Dickson (N.).	NE	85	100–350	0	15	28,000	Damage mostly to buildings and trees.
2. Nov. 11	4 a. m.	Crockett (W.), and Weakley (E.).	NE	48	200–500	0	4	160,000	Damage mostly to buildings and trees.
TEXAS									
1. Mar. 12	4:45 p. m.	Harrison (SE.)	(1)	(1)	(1)	0	0	25,000	Inception near Waskom; probable tornado which crossed state boundary and became associated with the violent windstorm at Shreveport, La.
2. Mar. 29	12 noon	Hill (C.)	(1)	(1)	(2)	0	0	(8)	Car lifted from highway and overturned; occurred near Hillsboro.
3. Mar. 29	2:45 p. m.	Houston (N.)	E	½	100	0	0	1,500	Destroyed several small houses and barns and damaged business buildings; principal damage at Grapeland.
4. 5. Apr. 6 6.	9 a. m.	Fayette (SW.)	NE	5	5,280	0	0	[c] 300 500	8 buildings unroofed. 3 small tornadoes were observed in this series.
7. Apr. 29	4:30 a. m.	Hardin (E.)	NE	2½	2,640	0	0	[c] 250 1,000	Disturbance occurred near Silsbee.
8. Apr. 30	5:40 p. m.	Navarro (S.-C.)	(1)	1	200	3	0	2,500	Numbers 8, 9, and 10 probably same tornado, at least closely associated; struck near Richmond.
9. Apr. 30	6:30 p. m.	Henderson (SE.)	NE	(1)	(1)	0	0	50,000	Accompanied by a flash flood. Struck near Poynor.
10. Apr. 30	6:45 p. m.	Anderson (NE.)	SE	(1)	(1)	0	0	[c] 10,000 25,000	Most damage occurred at Frankston and vicinity.
11. Apr. 30	7:15 p. m.	Panola (C.)	NE	10	800	0	0	25,000	Struck near Carthage.
12. May 18	6:45 p. m.	Fayette (S.)	SE	1	440	0	0	(7)	Destroyed several light structures at Engle.
13. May 23	7 a. m.	Nueces (N.-C.)	(1)	(1)	(1)	0	0	(7)	Destroyed several small houses at Calallen.
14. Aug. 17	5 a. m.	Callahan (W.)	SE	1	100	0	0	500	Damaged barns and outbuildings.
15. Oct. 31	(1)	Gillespie (SW.)	(1)	(1)	(1)	0	0	(5)	Small tornado wrecked four houses.
16. Dec. 11	(1)	Houston (C.)	(1)	(1)	(1)	0	0	5,000	Damaged roofs, lifted houses off foundations and overturned chimneys.
17. Dec. 12	11 a. m.	Harris (W.)	NE	16	25	1	3	6,000	Destroyed a farm house.
18. Dec. 31	11:30 a. m.	Nacogdoches (W.)	NE	10	500	0	0	25,000	Damaged houses, timber, and communication lines.
UTAH									
(None reported)									
VERMONT									
1. June 19	Late afternoon	Orleans	(1)	(1)	(1)	0	0	2,500	Occurred at Morgan.
VIRGINIA									
1. Aug. 5	5 p. m.	Frederick	N	(2)	(2)	0	0	3,000	
WASHINGTON									
(None reported)									
WEST INDIES									
(None reported)									

See footnotes at end of table.

TABLE 5.—*Tornadoes of 1940, arranged by States*—Continued

State, number, and date	Time	County	Direction of advance	Length of path	Width of path	Killed	Injured	Property losses	Remarks
WEST VIRGINIA									
(None reported)				*Miles*	*Yards*	*Number*	*Number*	*Dollars*	
WISCONSIN									
1. June 17	4:15 p. m.	Vilas (N.)	E	5¼	100	1	4	2,500	
2. June 17	4:30 p. m.	Oneida (N.)	E	2	125	1	3	5,000	
WYOMING									
1. Apr. 27	5 p. m.	Goshen	(1)	(2)	(3)	0	0	(4)	Small buildings wrecked, lambs killed and crops slightly damaged.

* *Denotes a State-boundary-crossing disturbance.*
[5] Damage to crops.
[1] Datum (a) unobtained.
[2] Short.
[3] Narrow.
[4] No estimate of damage obtained.
[4] Amount of damage described as small, no definite monetary estimate obtained.
[6] Wide.
[7] See adjoining remarks.
[8] No estimate obtained, see adjoining remarks for description of damage.

FREQUENCIES OF TORNADOES, 1940

Table 6 below lists the frequencies of tornadoes by months for each State or section in continental United States. It will be seen from examination of the table that the occurrences of tornadoes were concentrated in the early months of the year, February and March, with the secondary maximum occurring in June and July. For the year as a whole, Texas reported the highest annual figure, namely 18, Louisiana was second with 16 and Iowa third with 10. In the remaining States recording tornadoes, the annual frequency generally ranged from 1 to 5 or 6.

TABLE 6.—*Monthly and annual tornado frequency, by States, 1940*

State or section	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama	2	1	1									1	5
Arizona													0
Arkansas				1	1								2
California			1										1
Colorado					1								1
Connecticut													0
Delaware													0
District of Columbia													0
Florida								1				5	6
Georgia		1						1			1		3
Idaho				1									1
Illinois			4	3									7
Indiana			2										2
Iowa			2			6	2						10
Kansas				3	1	3	1	3	1				12
Kentucky													0
Louisiana		1	4	6		2			1			2	16
Maine													0
Maryland							1						1
Massachusetts					1								1
Michigan													0
Minnesota													0
Mississippi			3						2		1		6
Missouri				2									2
Montana							1						1
Nebraska				3		3	3						9
Nevada													0
New Hampshire													0
New Jersey													0
New Mexico							1						1
New York													0
North Carolina				1	1			1					3
North Dakota					1			1					2
Ohio						1							1
Oklahoma					2			2		1			5
Oregon													0
Pennsylvania					1						1		2
Rhode Island													0
South Carolina								1					1
South Dakota							3	1					4
Tennessee			1										2
Texas			3	8	2			1		1	1	3	18
Utah													0
Vermont						1							1
Virginia								1					1
Washington													0
West Virginia													0
Wisconsin						2							2
Wyoming				1									1
Total [1]	2	3	21	29	11	18	12	13	4	2	4	11	130
Total [2]	2	3	21	27	11	18	12	13	4	2	4	11	128

[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.

DEATHS AND INJURIES INCURRED BY 1940 TORNADOES

Table 7, which follows, enumerates by state or section, on a monthly and annual basis, the number of people killed and injured attributed to tornadoes during the year 1940.

TABLE 7.—*Deaths and injuries incurred by tornadoes during 1940*

State or section	January		February		March		April		May		June		July		August		September		October		November		December		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	7	22	0	3	0	30																	0	0	7	55
Arizona																									0	0
Arkansas							6	9	0	0															6	9
California					0	0																			0	0
Colorado									0	0															0	0
Delaware																									0	0
Dist. of Columbia																									0	0
Florida															0	0							0	6	0	6
Georgia			18	397											0	0					0	1	0	0	18	398
Idaho							0	3																	0	3
Illinois					1	8	2	33																	3	41
Indiana					1	24																			1	24
Iowa					0	1					0	1	0	25											0	27
Kansas							0	0	0	0	0	0	0	0	0	0	0	0							0	0
Kentucky																									0	0
Louisiana			0	0	7	62	6	34			0	0					1	3					0	9	14	108
Maryland													0	0											0	0
Michigan																									0	0
Minnesota																									0	0
Mississippi					0	13											1	6			0	7			1	26
Missouri							6	32																	6	32
Montana													0	0											0	0
Nebraska							0	2			0	0	0	0											0	2
Nevada																									0	0
New England:[1]																										
Massachusetts									0	0															0	0
Vermont											0	0													0	0
New Jersey																									0	0
New Mexico													0	0											0	0
New York																									0	0
North Carolina							0	1	0	0					0	0									0	1
North Dakota									0	1					3	12									3	13
Ohio											0	0													0	0
Oklahoma									0	4					0	0			0	1					0	5
Oregon																									0	0
Pennsylvania									0	1											0	0			0	1
South Carolina															0	0									0	0
South Dakota													0	0	0	0									0	0
Tennessee					0	15															0	4			0	19
Texas					0	0	3	0	0	0					0	0			0	0			1	3	4	3
Utah																									0	0
Virginia															0	0									0	0
Washington																									0	0
West Virginia																									0	0
Wisconsin											2	7													2	7
Wyoming							0	0																	0	0
Total[2]	7	22	18	400	9	153	23	114	0	6	2	8	0	25	3	12	2	9	0	1	0	12	1	18	65	780

[1] Massachusetts and Vermont were the only New England States which reported tornadoes.
[2] No tornadoes reported from the Territories of Alaska, Hawaii, or the West Indies.

DESTRUCTION INCURRED BY 1940 TORNADOES

Table 8 that follows shows the destruction of 1940 tornadoes expressed in dollars, by months, for the various States or sections. Georgia suffered the greatest annual loss with $3,202,350, the greatest portion of which was incurred during February. The second greatest loss was much lower than Georgia's figure with $612,520 incurred in the State of Louisiana; the third greatest loss occurred in Illinois, amounting to $555,000.

TABLE 8.—*Tornado destruction in dollars, by months, during 1940*

State or section	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Property	Crop	Total
Alabama	20,000	2,500	20,000									15,000	57,500	(2)	[4] 57,500
Arizona													0	0	0
Arkansas				[c] 800 8,000	5,000								13,000	800	13,800
California													0	0	0
Colorado													0	0	0
Delaware													0	0	0
District of Columbia													0	0	0
Florida								1,500				(1)	1,500	(1)	[2] 1,500
Georgia		3,200,000						[c] 100 250			2,000		3,202,250	100	3,202,350
Idaho				[c] 1,000 24,000									24,000	1,000	25,000
Illinois			245,000	[c] 10,000 300,000									545,000	10,000	555,000
Indiana			160,000										160,000	0	160,000
Iowa			[7] 15,500			[7] 18,650	[7] 101,500						[2] 133,650	(7)	[2] 133,650
Kansas				[2] 4,000	0	[2] 7,000	0	13,500	0				[2] 24,500	0	[2] 24,500
Kentucky													0	0	0
Louisiana		3,000	60,270	524,750		6,500			6,000			12,000	612,520	0	[6] 612,520
Maryland							2,500						2,500	0	2,500
Massachusetts [8]					2,000								2,000	0	2,000
Michigan													0	0	0
Minnesota													0	0	0
Mississippi			22,000						33,000		200,000		255,000	0	255,000
Missouri				[2] 150,000									150,000	(3)	[4] 150,000
Montana							0						0	0	0
Nebraska				47,000		23,500	[c] 1,500 17,000						87,500	1,500	89,000
Nevada													0	0	0
New Jersey													0	0	0
New Mexico							0						0	0	0
New York													0	0	0
North Carolina				(1)	(1)			(1)					(1)	0	(1)
North Dakota					[c] 50,000 100,000			90,000					190,000	50,000	240,000
Ohio						(3)							(3)	0	(3)
Oklahoma					25,250			17,200		10,000			52,450	(3)	[4] 52,450
Oregon													0	0	0
Pennsylvania					(5)						0		(6)	(6)	(5)
South Carolina								2,000					2,000	0	2,000
South Dakota							[2] 5,000	[c] 3,000 [2] 50,000					[2] 55,000	3,000	[2] 58,000
Tennessee			28,000								160,000		188,000	0	188,000
Texas			[2] 26,500	[c] 10,550 104,000	(1)			500		(1)		36,000	[2] 167,000	10,550	[2] 177,550
Utah													0	0	0
Vermont [8]						2,500							2,500	0	2,500
Virginia								[4] 3,000					[4] 3,000	0	[4] 3,000
Washington													0	0	0
West Virginia													0	0	0
Wisconsin						7,500							7,500	0	7,500
Wyoming				(3)									(3)	(3)	(3)
Total [9]	20,000	3,205,500	[2] 577,270	[c] [4] 22,350 [2] 1,161,750	[c] 50,000 [2] 132,250	[2] 63,650	[c] [4] 1,500 [2] 126,000	[c] 3,100 [2] 177,950	39,000	[4] 10,000	362,000	[4] 63,000	[5] 5,938,370	[4] 76,950	[5] 6,015,320

[c] Damage to crops.
[1] Losses incurred; amount not reported.
[2] Additional losses incurred; amount not reported.
[3] Crop damage reported to be small.
[4] Additional losses incurred; amount reported to be small.
[5] Losses reported to be several thousand dollars.
[6] Losses reported not segregated into property and crop classifications.
[7] Some crop losses probably incurred; the amount cannot be separated from these caused by hail and straight wind.
[8] Massachusetts and Vermont are the only New England States which reported tornadoes.
[9] No tornadoes were reported from the territories of Alaska, Hawaii, or the West Indies.

SUMMARY FOR PAST YEARS

Table 9 gives the total number of tornadoes, deaths resulting from such storms, and the estimated property losses for the years 1916–40.

TABLE 9.—*Deaths and property losses caused by tornadoes, 1916–40*

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	130	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	Total	3,514	6,153	283,335,777
1928	203	92	13,235,600	Average	141	246	11,333,431
1929	197	274	10,049,400				

HAIL, 1940

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

The aggregate of the estimated losses caused by hailstorms reported in the various States for 1940 is $9,408,353, of which $7,162,428, or 76 percent of the total, is crop loss, the balance being damage to other kinds of property. The estimates are too low because, aside from the fact that there is no generally recognized basis for hail loss estimation, the amount of damage was in some cases reported in such terms as "considerable," "small," or "several thousand dollars."

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

Crop and other property destruction by hail was reported in every month of 1940 except January and February, although the damages sustained in November and December were negligible. March and October losses totaled $566,413, nearly two-thirds of which occurred in Texas.

Every State, except West Virginia, Oregon, Nevada, and Delaware, was visited by a destructive hailstorm during the year; Utah, Pennsylvania, Maryland, Kentucky, Idaho, and California were free from conspicuous damage.

States in which over one million dollars' hail damage was suffered are North Dakota, $1,020,000; Montana, $1,021,600; Oklahoma, $1,128,550; Texas, $1,507,000; and Iowa, $1,698,897. Together these amounts equal $6,376,047, or 68 percent of the total hailstorm damage reported for the country in 1940, mostly, except in the case of Texas, concentrated in the month of July. The year's hail damage to crops in the five States named was $4,714,347 or 72 percent of their total hail plus other property losses; and 66 percent of the hail damage to crops in the entire country.

Hail damage to crops and to other kinds of property combined, in the April–September season, reached $8,841,940, approximately equal to the average of such losses experienced in the crop seasons of the preceding five years. Of this amount, the crop damage was $6,919,115, or 78 percent of the total damage, a slightly greater percentage for the crop season than for the year.

Hawaii and the West Indies reported no damaging hail in 1940. Hailstorms occurred in Alaska in May, June, July, and September but the damage, if any, was not reported.

TABLE 10.—*Losses from hail storms during 1940*

[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	0	60,000	15,000					[1] 50,000	[1] 25,000
Arizona														
Arkansas					2,000	0	0	50	0	(2)	0	(2)	0	(2)
California							(2)	(2)						
Colorado									0	600	0	5,647	0	19,916
Delaware														
District of Columbia														
Florida					0	(3)								
Georgia					(2)	0			(2)	(2)				
Idaho									0	(2)				
Illinois					51,500	0	17,250	12,000	45,000	22,000	0	500	0	0
Indiana					4,500	0	0	0	0	0	0	0	0	0
Iowa					(12)	(12)	0	(2)	(7)	(2)	5,000	20,000	55,000	1,615,897
Kansas							[4] 30,000	5,000	10,000	35,000	2,000	[4] 28,000	[4] 1,000	[4] 7,000
Kentucky							(1 2)	(1 2)	(1 2)	(1 2)				
Louisiana					100	0	52,500	25,000						
Maryland									0	(2)			0	(7)
Michigan [11]									0	975	0	34,900	0	50,400
Minnesota									(8)	1,500	[6] 2,800	[6] 22,000	21,500	235,500
Mississippi									(2)	(2)				
Missouri					3,000	0	[4] 20,000	(7)						
Montana											0	300	10,700	[4] 668,600
Nebraska							500	0	3,000	8,000	5,000	85,000	1,000	31,000
Nevada														
New England [14]													1,000	350,000

See footnotes on following page.

TABLE 10.—*Losses from hail storms during 1940*—Continued

[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
New Jersey											1,000	1,000	100	100
New Mexico									6,500	98,425			2,900	6,900
New York											0	40,000		
North Carolina							0	1,450	32,100	79,400	3,125	85,745	800	112,963
North Dakota											0	90,000	12,000	460,000
Ohio									(2)	(2)	0	3,000	0	1,500
Oklahoma							[4] 204,150	[4] 81,700	[4] 30,000	[4] 164,000			[4] 403,350	[4] 190,350
Oregon														
Pennsylvania									0	(2)	(2)	(2)	(7) (1)	(7) (1)
South Carolina									0	22,000	0	150,000		
South Dakota									200	(2)	[4] 100	(3)	[5] 500	[5] 53,300
Tennessee					90,000	10,000			0	(2)				
Texas					85,000	200,500	660,000	[6] 208,000	[4] 76,500	80,000	(2)	(2)	(2)	(2)
Utah														
Virginia									10,000	800	5,000	8,750	0	23,500
Washington									0	[5] 70,000	0	(2)		
West Virginia														
Wisconsin									1,500	0	(2)	(2)	[4] 3,000	[4] 15,000
Wyoming							(7)	(2)	3,750	2,525	(2)	(2)	(2)	(2)
Total [15]					[4] 236,600	[4] 210,500	[4] 1,044,400	1,348,200	[6] [4] 218,550	[5] [4] 585,225	[4] 24,025	[6] 574,842	[6] 562,850	[6] [4] 3,866,926

State or section	August		September		October		November		December		Crop season April–September, 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											60,000	15,000	60,500	15,000	75,500
Arizona											[1] 50,000	[1] 25,000	[1] 50,000	[1] 25,000	[1] 75,000
Arkansas											0	50	2,000	[3] 50	[3] 2,050
California					0	(2)					(2)	(2)	(2)	(2)	(2)
Colorado	0	83,256	700	105,892							700	215,311	700	215,311	216,011
Delaware											0	0	0	0	0
Dist. of Columbia											0	0	0	0	0
Florida											0	0	0	(2)	(2)
Georgia											(2)	(2)	(2)	(2)	(2)
Idaho											0	(2)	0	(2)	(2)
Illinois	18,200	52,500									80,450	87,000	131,950	87,000	218,950
Indiana											0	0	4,500	0	4,500
Iowa	0	3,000	0	(2)	(12)	(12)	(12)	(12)			[4] 60,000	[4] 1,638,897	[4] 60,000	[4] 1,638,897	[4] 1,698,897
Kansas	[4] 2,000	[4] 14,000	0	6,000							[4] 45,000	[4] 95,000	[4] 45,000	[4] 95,000	[4] 140,000
Kentucky											(1 2)	(1 2)	(1 2)	(1 2)	(1 2)
Louisiana											52,500	25,000	52,600	25,000	77,600
Maryland											0	(3 4)	0	(3 4)	(3 4)
Michigan [11]	0	15,288	0	5,636	0	801	0	12			0	107,199	0	108,012	108,012
Minnesota	0	19,000					(2)	0			[5] 24,300	[5] 278,000	[5] 24,300	[5] 278,000	[5] 302,300
Mississippi											(2)	(2)	(2)	(2)	(2)
Missouri											[4] 20,000	(7)	[4] 23,000	(7)	[4] 23,000
Montana	7,000	335,000									17,700	[8] 1,003,900	17,700	[8] 1,003,900	[8] 1,021,600
Nebraska	10,000	9,000									19,500	133,000	19,500	133,000	152,500
Nevada											0	0	0	0	0
New England [14]											1,000	350,000	1,000	350,000	351,000
New Jersey											1,100	1,100	1,100	1,100	2,200
New Mexico	0	9,450	2,100	2,500							11,500	117,275	11,500	117,275	128,775
New York			5,000	200,000							5,000	240,000	5,000	240,000	245,000
North Carolina	0	1,400									36,025	280,958	36,025	280,958	316,983
North Dakota	8,000	400,000	0	50,000							20,000	1,000,000	20,000	1,000,000	1,020,000
Ohio	0	500									(2)	[3] 5,000	(2)	[3] 5,000	[3] 5,000
Oklahoma	10,000	45,000									[4] 647,500	[4] 481,050	[4] 647,500	[4] 481,050	1,128,550
Oregon											0	0	0	0	0
Pennsylvania			(2)	(2)							(2)	(2)	(2)	(2)	(2)
South Carolina											0	172,000	0	172,000	172,000
South Dakota	(7)	[4] 105,000	(2)	(2)							[5] 800	[10] 158,300	[5] 800	[10] 158,300	[10] 159,100
Tennessee											0	(2)	90,000	[3] 10,000	[3] 100,000
Texas	10,000	80,000			85,000	22,000			(2)	(2)	[4] 746,500	[4] 368,000	[4] 916,500	[4] 590,500	[4] 1,507,000
Utah	0	(2)									0	(2)	0	(2)	(2)
Virginia	0	1,500									15,000	34,550	15,000	34,550	49,550
Washington											0	[5] 70,000	0	[5] 70,000	[5] 70,000
West Virginia											0	0	0	0	0
Wisconsin	0	(2)									[4] 4,500	[4] 15,000	[4] 4,500	[4] 15,000	[4] 19,500
Wyoming			(2)	(2)	1,500	10,000					[5] 3,750	[5] 2,525	[4] 5,250	[4] 12,525	[4] 17,775
Total [15]	[4] 65,200	[4] 1,173,894	[3] 7,800	[10] 370,028	[13] 86,500	[13] 32,801	(2 13)	[13] 12	(2)	(2)	[4] 1,922,825	[6] 9,919,115	[6] 2,245,925	[6] 7,162,428	[6] 9,408,353

[1] *An undetermined portion of the damage was caused by wind.*
[2] Damage reported to be small.
[3] Additional losses reported to be small.
[4] Additional losses incurred; amount not reported.
[5] An undetermined portion of the damage was caused by heavy rain.
[6] Additional damage reported to be considerable.
[7] Losses incurred; amount not reported.
[8] Amount of damage reported to be considerable.
[9] Losses reported to be several thousand dollars.
[10] Additional losses reported to be several thousand dollars.
[11] Hail losses in Michigan compiled by Michigan Mutual Hail Insurance Co. of Lansing.
[12] Amount of damage, if any, not reported.
[13] Amount of additional losses, if any, not reported.
[14] Losses per state, in the New England group, not available.
[15] No losses reported from the Territories of Alaska, Hawaii, or the West Indies.

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, 1940

The year 1940 is the twenty-fifth consecutive year for which Weather Bureau Section Directors assembled statistics of windstorms, other than tornadoes, throughout the country. Property damage reported was divided into two classes—crops, and other kinds of property. The data are shown in table 11. The number of persons killed or injured by windstorms was also reported and the data are shown in table 12.

Total damage to crops and other property caused by nontornadic winds was estimated at $25,588,925 in 1940, about 18 percent higher than the average for the 23 years, 1916 to 1939, excluding 1938. (1938 was omitted from this computation because inclusion of the tremendous sum of losses occasioned by the hurricane in the Northeast, in September of that year, would throw the arithmetic average far out of line.)

Of the total estimated windstorm losses, $8,592,800, or one-third, are classified as crop losses.

Windstorms were responsible for the loss of 251 lives during 1940, or about 22 percent more than the average for the 23-year period.

The property loss sums given are too small due to the fact that in some instances damages were reported, not in dollars, but in such terms as "small," "considerable" or "several thousands (or millions) of dollars additional damages."

Two groups of States on opposites of the country were free, or relatively free from severe windstorms. In the West, Wyoming, Utah, Nevada, and Oregon reported no damaging windstorms, while Idaho and California enjoyed comparative immunity. In the East, Delaware, Maryland, Virginia, West Virginia, and Tennessee were hit lightly, if at all.

In strong contrast are the windstorm experiences of Louisiana, with crop and other property losses of $8,648,700 and a death list of 14, and South Carolina with losses of $6,852,200 and 34 persons killed. Together these two States account for 60 percent of the total estimated crop and other property losses from windstorms of the country in 1940, and 19 percent of the loss of life. Practically all of South Carolina's windstorm losses were suffered in one storm in August; the major portion of Louisiana's losses also came in August although a particularly destructive storm occurred in March.

In the Middle West, Illinois, Iowa, Michigan, Wisconsin, and Minnesota were swept by a devastating windstorm, accompanied by snow and cold, in November. The reported losses for the group were $5,038,100 plus additional amounts estimated at several million dollars in each of the two States, Iowa and Michigan. This storm caused the loss of 166 lives in the group of 5 States, or 66 percent of the total for the country.

TABLE 11.—*Losses from windstorms, other than tornadoes, by months, seasons, and sections, 1940*

[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	4,000	(1)			5,000	(1)	5,000	0						
Arizona														
Arkansas					100	0	450	0						
California							(1)	(1)						
Colorado					685,000	0	400	0						
Delaware														
District of Columbia														
Florida											(3)	[4] 1,500		
Georgia					3,000	0								
Idaho											(1)	(1)		
Illinois							7,800	0	6,750	0	11,300	1,500	55,000	0
Indiana							50,900	(1)			7,000	0	1,000	0
Iowa					12,500	(1)					60,000	(3)	103,000	(3)
Kansas							51,300	0					[4] 26,100	0
Kentucky							114,000	0						
Louisiana			7,000	0	[15] 2,000,000	0	122,000	31,000			1,500	0		
Maryland									500	0			0	(1)
Michigan									100,000	0	(3)	(3)	(3)	(3)
Minnesota							25,000	0	2,000	0	17,500	0	351,000	50,000
Mississippi					(1)						(1)	(1)	[4] 100,000	(3)
Missouri	(1)	0			[4] 10,000	0	[4] 100,000	(3)						
Montana			5,000	0			100	0	500	0	24,900	(1)	56,200	2,000
Nebraska									3,000	0	300	10,500	33,000	3,000
Nevada														
New England [19]	15,000	0	150,000	0	25,000	0	300,000	0					450,000	50,000
New Jersey											(11) (15)	(1)	(11) (16)	(1)
New Mexico					2,000	0								
New York									25,000				(1)	0
North Carolina							(3)	(3)	3,000	(1)	0	(1)	2,000	[4] 300
North Dakota	(3)	0			(3)	0				(3)	0	(3)	40,000	150,000
Ohio	(1)	0					50,000	0	50,000	0	(1)	0	(1)	0
Oklahoma					500	0	[4] 22,600	(3)					36,500	[4] 4,900
Oregon														
Pennsylvania									(9)	(11)	(9)	(9)	100,000	(11)
South Carolina							1,500	0	3,700	0				
South Dakota							2,000	(1)	800	(1)	[4] 64,000	(8)	[7] 93,000	(3)
Tennessee					10,000	(1)					(3)	0		
Texas					[4] 27,000	0	125,000	(3)	(6)	(3)			26,000	100,000
Utah														
Virginia			4,000	0					1,500	0				
Washington					(1)								(1)	(1)
West Virginia														
Wisconsin											1,000	0	[4] 7,000	[4] 1,000
Wyoming														
Sections Outside Continental U. S.:														
Alaska	(3)	0							18,000	0				
Hawaii														
West Indies									(6)	(6)				
Total [19]	19,000	(1)	166,000	0	[4] 2,780,100	(1)	[4] 978,050	[4] 31,000	[7] 196,750	(3)	[14] 187,500	[14] 13,500	[7] 1,482,800	[4] 361,200

TABLE II.—*Losses from windstorms, other than tornadoes, by months, seasons, and sections, 1940*—Continued

State or section	August		September		October		November		December		Crop season Apr.–Sept., 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	1,000	(1)							2,000	0	6,000	(1)	17,000	(1)	[1] 17,000
Arizona			2,500	2,500	10,000	0					2,500	2,500	12,500	2,500	15,000
Arkansas	(1)	(1)					5,000				[2] 450	(1)	[2] 5,550	(1)	[2] 5,550
California											(1)	(1)	(1)	(1)	(1)
Colorado							100	0			400	0	685,500	0	685,500
Delaware											0	0	0	0	0
District of Columbia											0	0	0	0	0
Florida	500								[3] 20,000	(3)	500	[4] 1,500	[4 5] 20,500	[7] 1,500	[7 5] 22,000
Georgia	[4] 850,000	(6)									[4] 850,000	(6)	[4] 853,000	(6)	[7] 853,000
Idaho											(1)	(1)	(1)	(1)	(1)
Illinois	8,800	24,000	2,000	0	152,900	20,000	1,699,650	10,500			91,650	25,500	1,944,100	56,000	2,000,100
Indiana	3,200	0			800	0	200,000	0			62,100	(1)	262,900	(1)	[2] 262,900
Iowa	2,000	(11)			0	0	[17] 500,000	(12)			165,000	(3)	[17] 677,500	(12)	[17] 677,500
Kansas	[4] 29,000	0									[4] 109,400	0	[4] 109,400	0	[4] 109,400
Kentucky							5,000	0			114,000	0	119,000	0	119,000
Louisiana	[5] 1,344,000	[5] 5,101,000	200	0			40,000	2,000			[5] 1,467,700	[5] 5,132,000	[5] 3,514,700	[5] 5,134,000	[5] 8,648,700
Maryland			3,000	0							3,500	(1)	3,500	(1)	[2] 3,500
Michigan	(9)	(9)					(13)	0			[14] 100,000	(9)	[13] 100,000	(9)	[13] 100,000
Minnesota	6,000	0					1,500,000	(9)			401,500	50,000	1,901,500	[7] 50,000	[7] 1,951,500
Mississippi	50,000	0					(1)	0	(1)	0	50,000	0	[2] 50,000		[2] 50,000
Missouri	[4] 3,000	0					(1)	0			[4] 203,000	(3)	[4] 213,000	(3)	[4] 213,000
Montana	575	100									82,275	[2] 2,100	87,275	[2] 2,100	[2] 89,375
Nebraska	6,000	0									42,300	13,500	42,300	13,500	55,800
Nevada											0	0	0	0	0
New England [15]			2,000	0							752,000	50,000	942,000	50,000	992,000
New Jersey	(10) (4)	(4)									[16] 100,000	(1)	[15] 100,000	(1)	[4 16] 100,000
New Mexico											0	0	2,000	0	2,000
New York							10,000				[2] 25,000	0	[2] 35,000	0	[2] 35,000
North Carolina	0	[7] 50,000	0	(1)							[3] 5,000	[7] 50,300	[3] 5,000	[7] 50,300	[7] 55,300
North Dakota	10,000	40,000					(3)	0			50,000	[4] 190,000	[4] 50,000	[4] 190,000	[4] 240,000
Ohio	(1)	0					15,000	0			[2] 100,000	0	[2] 115,000	0	[2] 115,000
Oklahoma	[4] 2,500	(3)									[4] 61,600	[4] 4,900	[4] 62,100	[4] 4,900	[4] 67,000
Oregon											0	0	0	0	0
Pennsylvania	50,000	(11)	(9)	(9)							[12] 150,000	(9)	[12] 150,000	(12)	[12] 150,000
South Carolina	[10] 3,913,000	[10] 2,934,000									3,918,200	[10] 2,934,000	3,918,200	[10] 2,934,000	6,852,200
South Dakota	[4] 118,300	[4] 3,000					(3)	(1)			[6] 278,100	[6] 3,000	[6] 278,100	[6] 3,000	281,100
Tennessee							(1)	0			(3)	(1)	[4] 10,000	(1)	[4] 10,000
Texas	5,000	0	25,000	0	134,000	0	50,000	0			[7] 181,000	[4] 100,000	[7] 392,000	[4] 100,000	[7] 492,000
Utah											0	0	0	0	0
Virginia											1,500	0	5,500	0	5,500
Washington							(3)	0	[4] 4,000	0	(1)	(1)	[4] 4,000	(1)	[4] 4,000
West Virginia											(9)	0	(9)	0	(9)
Wisconsin							300,000	0			[4] 8,000	[4] 1,000	[4] 308,000	[4] 1,000	[4] 309,000
Wyoming											0	0	0	0	0
Sections outside continental U.S.:															
Alaska									32,000	0	18,000	0	50,000	0	50,000
Hawaii									0	0	0	0	0	0	0
West Indies											(6)	(6)	(6)	(6)	(6)
Total [19]	[3 10 16] 6,402,875	[3 10 16] 8,152,100	[16] 34,700	[16] 2,500	297,700	20,000	[17] 4,324,650	[17] 12,500	[3] 26,000	(3)	[7] 9,382,675	[3 16] 8,560,300	[17] 16,996,125	[3 17] 8,592,800	[17] 25,588,925

[1] Damage reported to be small.
[2] Additional losses reported to be small.
[3] Losses incurred; amount not reported.
[4] Additional losses incurred; amount not reported.
[5] Includes damage caused by high tides and heavy rains.
[6] Amount of damage reported to be considerable.
[7] Additional damage reported to be considerable.
[8] $6,000,000 bridge collapsed; maximum wind velocity in vicinity 31 m. p. h.
[9] Amount of damage reported to be several thousand dollars.
[10] Hurricane, Aug. 11.
[11] Amount of damage, if any, not reported.
[12] Section Director reports that crop damage probably exceeds $100,000 and that property damage probably exceeds $200,000.
[13] Losses reported to be several million dollars.
[14] Additional losses reported to be several thousand dollars.
[15] Shreveport, March 12; several hundred houses demolished.
[16] Estimated from reports of all insurance companies doing business in New Jersey. Monthly apportionment not available.
[17] Additional losses reported to be several million dollars.
[18] Losses per state, in the New England group, not available.
[19] Sums do not include territories of Alaska, Hawaii, or the West Indies.

Table 12 below, entitled "Deaths and property losses caused by wind storms other than tornadoes," shows the number of deaths and property losses (crops included), by years, resulting from windstorms during the last 25 years.

TABLE 12.—*Deaths and injuries caused by 1940 windstorms, other than tornadoes*

State or section	January		February		March		April		May		June		July		August		September		October		November		December		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			0	0	0	0							0	0							0	0	0	0
Arizona																									0	0
Arkansas					0	0	0	0							0	0					0	3			0	3
California							0	0																	0	0
Colorado					0	1	0	0													0	1			0	2
Delaware																									0	0
District of Columbia																									0	0
Florida											0	0			0	0							[1] 1	0	[1] 1	0
Georgia					0	0									2	(2)									2	(2)
Idaho											0	0													0	0
Illinois							0	0	0	1	0	1	0	0	0	0	0	0	0	0	[3] 10	85			[3] 10	87
Indiana							0	0			0	0	0	0	0	0			0	0	1	27			1	27
Iowa					0	0			0	0	1	2	0	2	0	0			0	0	[13] 7	0			[13] 8	4
Kansas							0	0					0	1	0	0									0	1
Kentucky							1	6													0	3			1	9
Louisiana			0	3	10	50	0	17			3	11			1	0	0	0			0	0			14	81
Maryland									0	0							0	2							0	2
Michigan									0	0	0	0	0	0	2	0					[11] 74	(2)			[11] 76	(2)
Minnesota							0	0	0	0	0	0	0	5	0	0					[10] 49	0			[10] 49	5
Mississippi					0	0									0	0					0	0	0	0	0	0
Missouri	0	0			0	2					0	1	0	1	0	2					0	0			0	6
Montana			0	0			0	0	0	0	1	3	0	0	0	0									1	3
Nebraska									2	8	0	0	0	3	0	0									2	11
Nevada																									0	0
New England [14]	2	(9)	15	(9)	0	0	0	0					0	0			0	0							17	(9)
New Jersey											0	0	0	0	0	0									0	0
New Mexico					0	0																			0	0
New York									0	0			0	0							1	2			1	2
North Carolina							0	0	0	0	0	0	0	0	0	0	0	0							0	0
North Dakota	0	0			0	0			0	0	0	0	0	1	0	1					0	0			0	2
Ohio	0	0					0	0	0	7	0	0	0	0	0	0					0	0			0	7
Oklahoma					0	0	0	2					0	0	0	0									0	2
Oregon																									0	0
Pennsylvania									0	1	3	12	0	2	0	0	0	0							3	15
South Carolina							0	0	0	0					[7] 34	0									[7] 34	0
South Dakota							0	0	2	0	0	1	0	3	0	1					[10] 2	0			4	5
Tennessee					0	0					0	0									0	0			0	0
Texas					1	5	0	2	0	0			0	2	0	0	0	2	1	10	0	0			2	21
Utah																									0	0
Virginia			0	0					0	0															0	0
Washington																							[1] 2	(2)	[1] 2	(2)
West Virginia																									0	0
Wisconsin													0	1							[4] 23	(2)			23	[4] 1
Wyoming																									0	0
Sections outside Continental United States:																										
Alaska	0	(2)																							0	(2)
Hawaii																									0	0
West Indies									4	(9)															4	(9)
Total [16]	2	(9)	15	[12] 3	11	58	1	27	4	17	8	31	0	21	39	[12] 4	0	4	1	10	167	[12] 121	3	(2)	251	296

[1] Electrocuted by fallen wire.
[2] Several persons reported slightly injured.
[3] Many persons slightly injured in State-wide storm, Nov. 11.
[4] Many additional persons injured in State-wide storm, Nov. 11.
[5] 22 deaths due to exposure or drowning when wind and waves prevented duck hunters from reaching shore during State-wide storm of Nov. 11.
[6] Several persons reported seriously injured.
[7] Hurricane, Aug. 11.
[8] Includes 3 deaths by drowning.
[9] Persons were injured; number not reported.
[10] Death due to exposure in blizzard.
[11] Includes 70 persons drowned.
[12] Additional persons injured; number not reported.
[13] 7 deaths indirectly due to storm of Nov. 11.
[14] Losses per State, in the New England group, not available.
[16] Sums do not include territories of Alaska, Hawaii, or the West Indies.

TABLE 12A.—*Deaths and property losses caused by windstorms, other than tornadoes, 1916–40*

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	315,485,388
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			
1922	133	5,055,800	1932	306	42,657,360	Total	5,604	238,825,715
1923	68	5,261,800	1933	156	65,604,100			
1924	78	13,545,750	1934	109	19,497,173	Average	224	33,553,029
1925	88	11,612,380	1935	461	17,191,000			

SUNSHINE, 1940

Table 13 gives for 173 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 "daylight" under "cloudiness" in the tables of Climatology, pages 44 to 141.

TABLE 13.—*Monthly amounts and percentage of sunshine, 1940*

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.	162	55	154	50	176	47	197	49	200	44	262	57	260	56	267	62	225	60	193	56	61	21	86	31	2,243	49
Albuquerque, N. Mex.	236	75	227	71	311	84	300	76	369	85	347	80	347	79	326	78	266	72	278	79	188	61	186	61	3,381	75
Alpena, Mich.	86	30	121	40	207	56	255	63	203	44	282	60	333	71	214	49	176	47	153	45	52	18	55	20	2,137	45
Amarillo, Tex.	183	58	192	60	301	81	278	71	335	77	371	86	401	91	339	81	295	79	304	87	194	63	200	65	3,393	75
Apalachicola, Fla.	197	61	173	54	237	64	279	72	392	93	322	76	309	72	292	71	268	73	319	90	207	65	179	56	3,174	70
Asheville, N. C.	158	51	130	41	172	46	191	48	271	62	245	56	190	43	146	35	283	76	267	77	124	40	124	41	2,301	51
Atlanta, Ga.	191	60	116	36	220	59	222	57	317	73	276	64	229	52	284	68	306	82	291	83	160	51	121	39	2,733	60
Atlantic City, N. J.	184	61	159	51	197	53	192	48	216	49	268	60	304	67	230	54	239	64	233	67	148	49	145	50	2,515	56
Augusta, Ga.	205	64	197	62	256	69	265	68	345	80	340	79	301	69	292	71	283	76	272	77	181	58	149	48	3,086	68
Austin, Tex.	170	52	156	48	163	44	190	49	254	60	246	58	307	72	327	80	295	80	225	63	127	40	118	37	2,578	57
Baker, Oreg.	117	41	114	37	210	57	270	67	385	84	418	90	385	82	407	93	223	59	180	53	110	38	128	47	2,947	62
Baltimore, Md.	191	63	159	51	206	56	200	50	243	55	307	69	345	76	210	49	281	75	190	55	138	46	138	47	2,608	58
Billings, Mont.	122	43	140	47	188	51	173	43	362	78	350	74	377	79	389	89	248	66	192	57	127	45	121	45	2,789	60
Binghamton, N. Y.	121	41	120	39	150	40	188	47	211	47	247	54	276	60	202	47	168	45	161	47	58	20	97	34	2,539	43
Birmingham, Ala.	209	66	144	45	256	69	232	59	329	76	309	72	258	59	300	72	305	82	282	80	183	59	133	43	2,940	65
Bismarck, N. Dak.	155	56	90	30	147	40	152	37	278	60	322	68	351	73	359	82	313	83	196	58	112	40	110	42	2,585	56
Block Island, R. I.	192	64	170	55	235	63	221	55	226	50	297	66	323	70	316	74	274	73	234	68	156	53	153	53	2,797	62
Boise, Idaho	98	34	91	30	232	63	256	63	378	83	397	86	363	78	372	86	181	48	161	47	107	37	122	44	2,758	58
Boston, Mass.	174	59	153	50	214	58	197	49	221	49	275	60	294	64	305	71	224	60	213	62	97	33	93	33	2,460	54
Brownsville, Tex.	106	32	185	56	192	52	239	62	285	69	314	76	340	81	348	86	262	71	222	62	159	49	128	39	2,780	61
Buffalo, N. Y.	93	32	115	37	165	44	233	58	199	44	284	62	353	76	268	62	218	58	189	55	77	26	81	29	2,275	48
Burlington, Vt.	117	40	134	44	177	48	196	49	251	55	258	56	314	67	314	73	199	53	184	54	54	19	69	25	2,267	48
Canton, N. Y.	165	58	152	50	190	51	191	47	215	47	248	53	315	67	307	70	257	68	182	54	75	26	91	33	2,388	52
Cape Henry, Va.	175	57	180	57	234	63	238	60	280	64	317	72	328	73	258	62	272	73	252	72	197	65	181	60	2,912	65
Charles City, Iowa	177	61	129	42	183	49	194	48	284	62	348	76	336	72	211	49	306	82	220	64	120	41	78	28	2,586	56
Charleston, S. C.	180	57	183	57	224	60	289	74	347	81	267	62	281	64	218	53	243	65	276	78	195	62	155	50	2,858	64
Charlotte, N. C.	194	62	166	52	232	62	255	65	297	68	316	73	264	60	210	51	276	74	262	75	161	52	154	51	2,787	62
Chattanooga, Tenn.	175	56	119	38	197	53	221	56	337	78	328	75	265	60	326	78	316	85	282	81	191	62	124	41	2,818	64
Cheyenne, Wyo.	190	64	170	55	237	64	202	51	292	65	331	73	282	62	269	63	174	46	232	67	161	54	148	51	2,688	60
Chicago, Ill.	156	53	96	31	160	43	229	57	217	48	297	65	362	78	218	51	282	75	235	68	132	45	76	27	2,460	53
Cincinnati, Ohio	140	46	98	32	175	47	180	45	239	54	292	66	375	83	284	67	273	73	244	71	124	41	102	35	2,526	55
Cleveland, Ohio	58	19	103	33	149	40	218	54	238	53	314	69	367	79	284	66	243	65	188	55	74	25	51	18	2,287	48
Columbia, Mo.	147	48	94	30	146	39	228	57	331	75	348	78	414	92	279	66	293	78	259	75	147	49	110	38	2,796	60
Columbia, S. C.	185	59	156	49	225	61	262	67	314	73	309	72	286	65	249	60	285	77	271	77	176	56	148	48	2,866	64
Columbus, Ohio	114	38	103	33	162	44	186	47	222	50	279	62	356	78	259	61	229	61	235	68	108	36	78	27	2,331	50
Concord, N. H.	170	58	164	53	203	55	164	41	185	41	280	61	299	64	325	75	229	61	203	59	94	32	110	39	2,426	53
Concordia, Kans.	167	56	122	39	200	54	216	54	355	80	316	70	383	84	296	70	267	71	285	83	179	60	138	48	2,924	64
Dallas, Tex.	206	65	151	47	270	73	240	61	314	73	309	72	362	83	336	81	283	76	278	79	148	47	138	44	3,035	67
Davenport, Iowa	141	48	105	34	147	40	219	55	239	53	307	67	365	79	216	50	286	76	201	59	142	48	92	32	2,460	53
Dayton, Ohio	126	42	97	31	170	46	194	49	232	52	294	65	384	84	286	67	261	70	245	71	121	40	85	29	2,495	54
Del Rio, Tex.	204	62	199	61	243	65	246	64	279	66	259	62	333	78	305	75	312	84	223	63	142	44	144	45	2,889	64
Denver, Colo.	166	55	182	58	282	76	280	70	356	80	384	86	268	59	302	71	200	54	271	79	172	57	138	47	3,001	66
Des Moines, Iowa	193	65	126	41	169	46	208	52	293	65	318	70	341	74	214	50	309	83	258	75	134	46	110	38	2,673	59
Detroit, Mich.	69	24	101	33	175	47	228	57	224	50	276	61	349	76	226	53	187	50	218	63	103	35	78	27	2,234	48
Devils Lake, N. Dak.	181	66	104	35	241	65	227	55	312	66	343	72	359	74	303	69	288	76	204	61	100	36	101	38	2,763	59

Dodge City, Kans	158	51	162	52	250	67	271	68	337	76	364	82	376	84	324	77	264	71	311	90	213	70	200	67	3,230	71
Dubuque, Iowa	164	56	108	35	171	46	200	50	232	51	326	72	373	81	221	52	267	71	225	66	140	47	80	28	2,507	54
Duluth, Minn	130	46	121	40	196	53	207	51	225	48	308	65	335	70	213	49	237	63	132	39	55	20	71	27	2,230	48
Eastport, Maine	162	57	174	57	180	49	181	45	186	40	224	48	273	58	333	77	100	44	170	50	81	28	76	28	2,200	48
Elkins, W. Va	96	32	111	35	149	40	174	44	226	51	212	47	270	60	205	48	215	58	170	49	104	35	100	34	2,032	44
El Paso, Tex	229	72	238	74	309	83	318	82	350	82	317	74	328	76	322	78	289	78	293	83	184	58	212	67	3,389	76
Ely, Nev	185	61	155	50	258	70	218	55	342	77	344	77	390	86	325	77	214	57	225	65	210	70	196	67	3,062	68
Erie, Pa	72	24	101	33	118	32	212	53	194	43	256	56	352	76	221	51	147	39	124	36	52	18	48	17	1,897	40
Escanaba, Mich	99	35	92	30	162	44	208	51	207	45	266	56	320	67	201	46	186	49	150	44	68	24	80	30	2,039	43
Eureka, Calif	105	35	99	32	194	52	235	59	281	63	276	61	288	63	253	59	218	58	184	54	138	47	109	38	2,380	52
Evansville, Ind	143	47	88	28	155	42	200	50	268	61	289	65	354	79	276	65	324	87	281	81	145	48	82	28	2,605	57
Fairbanks, Alaska	48	30	159	65	244	67	373	82	381	66	277	43	263	42	188	37	120	31	81	27	73	39	38	31	2,245	47
Fort Smith, Ark	152	49	73	23	224	60	268	68	310	71	304	70	315	71	280	67	249	67	254	72	151	49	128	42	2,708	59
Fort Wayne, Ind	119	40	75	24	158	43	221	56	255	57	331	73	382	83	296	69	257	69	218	63	121	41	67	23	2,503	53
Fort Worth, Tex	193	61	154	48	295	79	258	66	287	67	256	60	351	80	321	78	309	83	267	76	145	46	134	43	2,970	66
Fresno, Calif	65	21	156	50	260	70	326	83	398	91	418	95	445	99	408	97	356	95	292	84	218	71	150	50	3,492	76
Galveston, Tex	168	51	148	46	220	59	211	55	288	68	288	69	280	65	278	68	300	81	260	73	147	46	153	48	2,741	61
Grand Junction, Colo	111	36	171	55	251	68	222	56	370	83	360	81	347	77	317	75	185	49	250	72	149	49	139	47	2,872	62
Grand Rapids, Mich	36	12	86	28	165	45	220	55	228	50	315	69	397	85	258	60	235	63	219	64	95	33	48	17	2,302	48
Green Bay, Wis	108	38	92	30	153	41	203	50	190	41	241	52	275	58	174	40	225	60	154	45	94	33	77	28	1,986	43
Greensboro, N. C	184	59	152	48	226	61	235	60	274	63	255	58	200	45	242	58	305	82	245	70	176	57	164	54	2,658	60
Greenville, S. C	186	59	159	50	230	62	258	66	332	76	307	71	244	55	257	62	315	85	284	81	171	55	165	54	2,908	65
Harrisburg, Pa	133	44	143	46	156	42	182	46	217	49	236	52	353	78	219	51	274	73	194	56	92	31	109	38	2,307	50
Hartford, Conn	183	62	178	58	215	58	219	55	207	46	203	58	277	60	264	62	241	64	214	63	106	36	136	48	2,503	56
Havre, Mont	133	49	184	62	249	67	228	55	378	80	375	77	366	75	389	88	275	73	196	59	125	45	154	60	3,052	66
Helena, Mont	137	49	164	55	238	64	194	47	365	78	344	73	337	70	386	88	212	56	165	49	125	45	144	54	2,811	61
Honolulu, T. H	258	75	280	84	302	81	316	83	265	65	308	77	323	79	300	75	298	81	274	76	230	69	240	71	3,394	76
Houston, Tex	166	51	132	41	172	46	159	41	238	56	242	57	221	51	242	59	284	77	225	63	128	40	118	37	2,327	52
Huron, S. Dak	202	70	179	59	97	26	151	37	286	62	303	65	323	69	277	64	264	70	203	60	135	47	108	39	2,528	56
Indianapolis, Ind	137	45	86	28	147	40	182	46	226	51	330	73	386	85	288	68	294	79	271	78	115	38	67	23	2,529	54
Ithaca, N. Y	88	30	118	38	188	51	193	48	228	50	253	56	303	66	252	59	204	55	153	44	51	17	76	27	2,107	45
Jacksonville, Fla	176	54	163	50	226	61	258	67	348	82	246	58	265	62	257	63	230	62	284	80	196	61	118	37	2,767	61
Juneau, Alaska	44	20	156	57	104	28	207	48	192	31	146	27	189	35	103	22	99	26	13	4	59	25	32	16	1,314	28
Kalispell, Mont	54	19	58	20	156	42	226	55	361	77	379	79	373	77	398	90	229	61	135	40	56	20	38	14	2,463	50
Kansas City, Mo	194	64	143	46	176	47	210	53	332	75	308	69	383	85	254	60	272	73	239	69	154	51	122	41	2,787	61
Keokuk, Iowa	156	52	98	32	166	45	220	55	282	63	327	73	401	88	258	61	311	83	272	79	139	46	103	35	2,733	59
Key West, Fla	196	59	224	68	250	67	301	79	300	72	274	67	265	63	249	62	212	58	282	79	243	74	208	63	3,004	68
Knoxville, Tenn	160	51	132	42	212	57	238	60	320	73	337	77	267	60	276	66	317	85	268	77	139	45	135	45	2,801	62
La Crosse, Wis	174	60	159	52	226	61	239	59	307	67	328	71	349	75	241	56	276	74	192	56	84	29	84	30	2,659	58
Lander, Wyo	172	59	188	61	259	70	231	57	339	75	388	85	360	77	320	74	236	63	235	69	167	57	180	64	3,075	68
Lansing, Mich	42	14	95	31	161	43	209	52	213	47	299	65	378	81	274	64	225	60	187	55	72	25	43	15	2,198	46
Lincoln, Nebr	194	65	125	40	160	43	231	58	331	74	312	69	361	79	264	62	270	72	237	69	130	44	109	38	2,724	59
Little Rock, Ark	165	53	108	34	226	61	218	56	326	75	278	64	259	59	306	73	278	75	292	83	187	60	174	57	2,817	62
Los Angeles, Calif	146	46	210	66	233	63	290	74	309	72	284	66	358	81	342	82	330	89	304	87	262	84	197	64	3,265	73
Louisville, Ky	133	44	91	29	184	50	212	53	285	64	312	70	363	81	309	73	320	86	283	81	165	54	83	28	2,740	59
Lynchburg, Va	191	62	174	55	240	65	196	50	286	65	291	66	254	57	153	36	311	83	236	68	168	55	170	57	2,670	60
Macon, Ga	198	62	150	47	209	56	219	56	321	75	285	67	261	60	266	64	287	77	269	77	170	54	152	49	2,787	62
Madison, Wis	118	40	78	26	142	38	160	40	139	30	239	52	332	71	152	35	180	48	187	55	95	33	59	21	1,881	41
Marquette, Mich	30	11	68	23	98	27	179	44	169	36	213	45	257	54	164	37	162	43	128	38	21	7	71	27	1,560	33
Memphis, Tenn	149	47	73	23	183	49	190	48	318	73	262	60	187	42	330	79	296	80	285	81	168	54	139	46	2,580	57
Meridian, Miss	174	55	103	32	221	60	193	50	331	77	232	54	203	47	243	59	271	73	266	76	151	48	137	44	2,525	56
Miami, Fla	243	73	251	77	266	71	310	81	306	74	255	62	257	61	220	54	145	39	222	62	179	55	180	55	2,834	64
Miles City, Mont	134	47	180	60	195	53	172	42	370	80	358	76	351	74	379	87	284	76	224	66	144	51	157	58	2,948	64
Milwaukee, Wis	140	48	103	34	181	49	235	58	253	56	321	70	364	78	238	55	261	70	206	60	112	38	67	24	2,481	53
Minneapolis, Minn	188	66	158	52	244	66	249	61	279	61	290	62	344	73	218	50	292	78	194	57	94	33	121	44	2,671	58
Missoula, Mont	47	17	50	17	146	39	164	40	303	65	327	69	344	72	368	84	172	46	112	33	72	26	62	23	2,167	44
Mobile, Ala	188	58	116	36	202	54	185	48	332	78	202	48	215	50	288	70	289	78	298	84	150	47	115	37	2,580	57
Modena, Utah	156	51	131	42	273	74	272	69	337	76	366	83	396	88	342	81	215	58	280	80	226	74	142	48	3,136	69
Nantucket, Mass	166	55	149	48	233	63	214	54	262	58	311	69	302	66	332	78	245	65	213	62	132	44	111	39	2,670	58
Nashville, Tenn	178	57	118	37	170	46	223	57	327	75	323	74	302	68	352	84	343	92	288	82	168	55	132	44	2,924	64

TABLE 13.—*Monthly amounts and percentage of sunshine, 1940*—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
New Haven, Conn	211	71	167	54	215	58	195	49	222	49	307	68	324	71	297	70	269	72	229	67	116	39	135	47	2,687	60
New Orleans, La	169	52	147	45	220	59	231	60	342	81	244	58	244	57	270	66	288	78	291	82	171	54	127	40	2,744	61
New York, N. Y	194	65	178	58	215	58	205	51	216	48	274	61	292	64	224	53	253	68	226	66	111	37	158	55	2,546	57
Nome, Alaska	81	49	151	61	226	62	244	54	244	42	314	49	121	20	191	37	140	36	125	41	24	12	34	26	1,895	41
Norfolk, Va	177	57	186	59	238	64	211	53	280	64	294	67	299	67	188	45	243	65	215	62	172	56	167	56	2,670	60
Northfield, Vt	156	54	143	47	149	4	150	37	185	40	200	43	235	50	258	60	162	43	166	49	83	29	110	40	1,997	44
North Head, Wash	67	24	90	30	133	36	192	47	281	61	329	70	231	49	229	52	160	42	102	30	103	36	91	34	2,008	42
North Platte, Nebr	189	63	149	48	199	54	240	60	381	85	366	81	328	72	280	65	216	58	279	81	193	65	155	54	2,975	66
Omaha, Nebr	162	54	110	36	134	36	187	47	302	67	299	66	306	67	223	52	257	69	238	69	106	36	81	28	2,405	52
Oklahoma City, Okla	203	65	180	57	283	76	291	74	337	78	348	80	371	84	291	70	269	72	277	79	159	51	152	50	3,161	70
Oswego, N. Y	98	33	154	50	135	36	210	52	200	44	289	63	343	74	339	79	270	72	168	49	49	17	53	19	2,308	49
Palestine, Tex	181	57	134	42	262	71	225	58	247	58	266	62	336	77	308	75	303	82	279	79	142	45	140	45	2,823	62
Parkersburg, W. Va	84	28	85	27	132	36	141	36	218	49	280	63	345	76	263	62	239	64	184	53	102	34	64	22	2,137	46
Pensacola, Fla	223	69	165	51	235	63	223	58	368	87	264	63	234	55	305	74	277	75	302	85	162	51	128	40	2,886	64
Philadelphia, Pa	167	55	140	45	161	43	171	43	182	41	218	48	266	58	165	39	235	63	222	64	107	36	121	42	2,155	48
Phoenix, Ariz	227	71	244	76	310	83	317	81	385	89	378	88	371	85	352	85	283	76	294	83	246	78	160	51	3,567	79
Peoria, Ill	181	61	121	39	208	56	233	58	240	54	328	72	364	79	226	53	303	81	276	80	153	52	96	33	3,729	60
Pittsburgh, Pa	79	26	95	31	116	31	162	41	198	44	212	47	292	64	275	64	222	59	192	56	72	24	64	22	1,979	42
Pocatello, Idaho	64	22	93	30	224	60	263	65	398	88	386	84	376	81	361	84	239	64	232	68	123	42	131	47	2,890	61
Port Arthur, Tex	184	57	152	47	227	61	214	55	319	75	306	73	288	67	295	72	304	82	272	77	158	50	152	48	2,871	64
Portland, Maine	195	67	186	61	246	66	228	56	245	54	308	66	311	66	337	78	232	62	225	66	105	36	116	42	2,734	60
Portland, Oreg	90	32	65	22	155	42	166	41	316	68	362	77	292	61	344	79	160	42	98	29	77	27	86	32	2,211	46
Providence, R. I	175	59	163	53	227	61	213	53	227	50	285	63	281	61	306	71	220	59	192	56	102	34	100	35	2,491	54
Pueblo, Colo	175	57	195	62	251	68	248	63	292	66	316	71	302	67	284	67	222	60	242	70	179	59	141	48	2,847	63
Raleigh, N. C	171	55	160	51	212	57	226	57	289	66	287	66	277	62	205	49	294	79	251	72	166	54	156	52	2,694	60
Rapid City, S. Dak	181	63	166	55	170	46	198	49	386	84	381	82	355	76	358	83	276	74	259	76	162	56	154	55	3,046	66
Reading, Pa	170	57	160	52	190	51	213	53	238	53	318	71	368	81	210	49	273	73	217	63	129	43	129	44	2,615	58
Richmond, Va	184	60	157	50	213	57	219	55	278	63	296	67	261	58	182	43	232	62	216	62	176	58	162	55	2,576	58
Rochester, N. Y	96	33	105	34	173	47	212	53	242	53	310	68	345	74	294	68	207	55	152	44	52	18	70	25	2,258	48
Roseburg, Oreg	57	20	54	18	143	39	190	47	318	70	375	82	325	70	372	86	172	46	123	36	53	18	68	24	2,250	46
Roswell, N. Mex	198	62	216	68	292	79	308	79	340	79	334	78	354	81	278	67	272	73	263	75	181	58	207	67	3,243	72
Sacramento, Calif	72	24	117	37	235	63	277	70	373	84	426	95	444	98	401	95	309	83	218	63	155	51	151	51	3,178	68
St. Joseph, Mo	197	66	127	41	136	37	191	48	292	65	257	57	392	86	254	60	266	71	255	74	142	47	110	38	2,619	58
St. Louis, Mo	134	44	84	27	153	41	197	50	285	64	290	65	379	84	266	63	303	81	268	77	159	53	112	38	2,630	57
Salt Lake City, Utah	72	24	92	30	239	64	251	63	392	87	398	88	389	85	354	83	205	55	231	67	139	47	140	49	2,902	62
San Antonio, Tex	191	59	186	57	236	63	247	64	318	75	298	71	346	81	345	85	325	88	255	72	144	45	145	45	3,036	67
San Diego, Calif	199	63	231	72	253	68	273	70	260	60	185	43	280	64	260	63	246	66	265	75	251	80	195	63	2,898	66
San Francisco, Calif	132	43	168	53	251	68	279	70	302	68	327	74	314	70	249	59	249	67	231	66	172	57	146	49	2,820	62
San Juan, P. R	258	74	220	66	292	78	288	77	237	59	284	72	311	77	290	73	251	68	227	62	215	63	263	77	3,136	70
Santa Fe, N. Mex	194	62	196	62	287	77	260	66	321	74	322	74	298	67	294	70	241	65	276	79	175	57	175	58	3,039	68
Sault Ste. Marie, Mich	88	31	126	42	225	61	237	58	196	42	219	46	276	58	213	49	108	29	127	37	33	12	34	13	1,882	40
Savannah, Ga	163	51	142	44	198	53	231	59	308	72	224	53	235	54	178	43	206	55	202	57	176	56	122	39	2,385	53
Scranton, Pa	131	44	156	51	150	41	197	49	205	46	264	58	301	66	196	46	215	58	177	51	52	18	65	23	2,109	46
Seattle, Wash	70	25	102	34	174	47	197	48	324	69	363	76	286	59	284	64	175	47	98	29	86	31	92	35	2,251	47
Sheridan, Wyo	150	53	161	53	184	50	186	46	370	80	360	77	365	77	368	85	257	68	228	67	141	49	148	54	2,918	63

Sioux City, Iowa	187	63	115	37	153	41	215	54	371	82	373	82	359	78	284	66	294	79	255	74	101	34	120	42	2,827	61
Spokane, Wash	72	26	68	23	190	52	223	54	371	79	388	81	342	71	409	93	212	56	117	35	85	31	68	26	2,545	52
Springfield, Ill	138	46	87	28	139	37	184	46	224	50	285	63	371	82	254	60	318	85	268	78	137	46	109	38	2,514	55
Springfield, Mo	134	44	113	36	205	55	217	55	327	74	258	59	329	74	229	55	268	72	274	79	157	51	115	39	2,626	58
Syracuse, N. Y	89	30	128	42	137	37	228	57	256	56	310	67	310	67	289	67	239	64	184	54	52	18	56	20	2,278	48
Tacoma, Wash	79	28	99	33	168	45	231	56	346	74	384	81	312	65	295	67	157	42	104	31	89	32	102	38	2,366	49
Tampa, Fla	194	59	213	66	225	60	307	80	332	79	244	59	302	71	258	64	184	50	297	83	216	67	149	46	2,921	65
Tatoosh Island, Wash	47	17	69	23	123	33	167	41	235	50	320	67	169	35	249	56	156	41	92	27	59	21	63	24	1,749	36
Terre Haute, Ind	155	51	98	31	157	42	178	45	228	51	324	73	370	82	299	71	308	83	278	80	145	48	79	27	2,619	57
Toledo, Ohio	71	24	93	30	133	36	191	48	213	47	298	65	367	80	272	63	233	62	196	57	108	36	72	25	2,247	48
Trenton, N. J	201	67	171	55	191	52	226	57	277	62	341	76	358	79	286	67	295	79	225	65	109	37	133	46	2,813	62
Valentine, Nebr	150	51	117	38	137	37	193	48	356	78	357	78	362	78	337	78	257	69	265	78	144	49	172	61	2,847	62
Vicksburg, Miss	180	56	99	31	219	59	178	46	269	63	176	41	216	50	312	76	300	81	274	78	147	47	146	47	2,516	56
Walla Walla, Wash	75	27	73	24	230	62	255	63	373	80	415	88	367	77	391	89	249	66	197	58	95	34	57	21	2,777	57
Washington, D. C	165	54	160	51	187	50	183	46	225	51	248	56	277	61	140	33	277	74	203	59	153	51	128	43	2,346	52
Wichita, Kans	195	64	172	55	253	68	292	74	372	84	353	80	377	84	324	77	263	71	282	81	174	57	167	56	3,224	71
Williston, N. Dak	167	61	101	34	186	50	194	47	353	75	358	75	326	67	372	84	276	73	196	59	134	48	129	49	2,792	60
Wilmington, N. C	184	58	156	49	262	71	283	72	316	73	307	71	313	71	268	65	251	68	259	74	194	62	159	52	2,952	66
Winnemucca, Nev	130	44	92	30	232	63	254	63	369	82	394	87	422	92	392	92	256	68	219	64	155	52	145	50	3,060	66
Wytheville, Va	141	46	98	31	155	42	186	47	215	49	240	55	189	42	136	32	295	79	240	69	147	48	113	38	2,155	48
Yakima, Wash	40	14	106	35	210	57	244	60	350	75	382	80	350	73	397	90	249	66	148	44	88	31	96	36	2,660	55
Yellowstone Park, Wyo	128	45	144	48	195	53	197	49	327	71	308	66	316	67	350	80	207	55	177	52	114	40	107	39	2,570	55
Yuma, Ariz	254	80	267	83	334	90	373	96	418	97	415	97	423	97	407	98	331	89	322	92	272	87	222	72	4,038	90

EXCESSIVE RAINFALL, 1940

Table 14 contains statistics of maximum amounts of rainfall during the calendar year 1940.

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 1940 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											
Eastport, Maine:											
Aug. 13	0.22	0.33	0.56	0.63	0.64	0.64	0.65	0.65	0.65	0.65	0.65
Burlington, Vt.:											
May 27	.17	.30	.42	.51	.52	.52	.52	.52	.52	.52	.52
July 20	.15	.28	.46	.66	.83	.94	1.02	1.19	1.43	1.51	1.56
July 22	.24	.33	.37	.39	.42	.44	.63	.64	.64	.64	.65
July 26	.23	.33	.37	.41	.43	.45	.46	.46	.46	.46	.46
July 29	.42	.65	.82	.87	.88	.88	.88	.88	.88	.90	.90
Aug. 23	.31	.48	.67	.83	.84	.84	.85	.85	.85	.85	.85
Sept. 21	.28	.39	.46	.47	.47	.47	.47	.47	.47	.47	.47
Northfield, Vt.:											
May 28	.41	.67	1.17	1.37	1.44	1.48	1.60	1.73	1.84	1.98	2.06
Concord, N. H.:											
May 31	.15	.26	.41	.47	.55	.67	.79	.87	.95	1.09	1.17
July 16	.34	.41	.47	.48	.48	.48	.48	.48	.48	.48	.48
July 21	.32	.67	.75	.76	.77	.77	.77	.77	.77	.77	.77
July 22	.37	.60	.83	.89	.93	.95	.97	1.00	1.00	1.00	1.00
July 30	.33	.59	.69	.69	.75	1.02	1.23	1.24	1.24	1.24	1.24
Sept. 21	.26	.35	.36	.37	.38	.39	.40	.41	.42	.42	.42
Boston, Mass.:											
July 30	.37	.60	.63	.63	.64	.64	.65	.65	.65	.65	.65
Nantucket, Mass.:											
Aug. 23	.30	.53	.86	1.03	1.14	1.18	1.22	1.24	1.24	1.25	1.25
Sept. 25	.21	.27	.44	.53	.62	.66	.68	.69	.74	.78	.81
Providence, R. I.:											
June 15	.22	.34	.37	.37	.37	.37	.37	.37	.37	.37	.37
June 19	.13	.21	.39	.40	.43	.43	.43	.43	.43	.43	.43
Nov. 2	.24	.33	.48	.68	.77	.84	.99	1.06	1.13	1.25	1.31
Hartford, Conn.:											
May 28	.23	.40	.62	.68	.76	.80	.83	.83	.86	.86	.87
May 31	.18	.27	.43	.55	.80	.96	1.15	1.41	1.70	1.88	2.13
June 19	.25	.45	.68	.72	.72	.72	.72	.72	.72	.72	.72
July 11	.25	.37	.54	.58	.64	.69	.79	.79	.80	.80	.80
Aug. 19	.28	.49	.62	.64	.65	.66	.66	.68	.69	.71	.71
New Haven, Conn.:											
Apr. 8	.27	.36	.40	.44	.48	.51	.58	.65	.72	.77	.82
June 19	.20	.33	.38	.38	.38	.38	.38	.38	.38	.38	.38
July 11	.28	.42	.57	.59	.63	.66	.69	.70	.71	.72	.73
Sept. 25	.27	.47	.75	1.06	1.26	1.30	1.37	1.45	1.45	1.45	1.45
Nov. 12	.29	.38	.49	.55	.60	.61	.65	.70	.71	.75	.77
MIDDLE ATLANTIC STATES											
Albany, N. Y.:											
July 24-25	.31	.61	.79	.81	.82	.85	.88	.90	.91	.91	.91
July 29	.30	.56	.95	1.10	1.12	1.13	1.14	1.15	1.15	1.15	1.15
Sept. 1	.22	.32	.52	.61	.62	.65	.70	.73	.76	.80	.87
Sept. 25	.31	.44	.49	.50	.50	.52	.74	.83	.86	.88	.97
Binghamton, N. Y.:											
Aug. 31	.24	.43	.70	.90	.92	.96	1.14	1.25	1.36	1.56	1.68
New York, N. Y.:											
May 31	.14	.26	.44	.60	.87	1.11	1.44	1.68	1.89	2.15	2.35
June 19	.17	.30	.37	.37	.37	.37	.37	.37	.37	.37	.37
Aug. 6	.27	.37	.40	.40	.40	.40	.40	.41	.44	.45	.45
Aug. 10	.20	.35	.44	.47	.51	.54	.55	.58	.61	.62	.62
Sept. 25	.20	.26	.34	.43	.66	.79	.81	.81	.81	.81	.90
Harrisburg, Pa.:											
May 20	.19	.32	.55	.59	.60	.60	.60	.60	.60	.60	.61
June 1	.31	.46	.63	.66	.71	.72	.73	.73	.73	.74	.90
June 28	.32	.37	.41	.43	.44	.44	.45	.45	.45	.45	.45
July 23	.33	.46	.51	.51	.51	.51	.52	.54	.55	.55	.55
July 27	.42	.72	1.00	1.04	1.38	1.52	1.69	1.71	1.71	1.71	1.72
Aug. 13	.14	.25	.40	.51	.56	.65	.71	.75	.76	.80	.84
Aug. 31	.17	.34	.53	.70	.82	.94	1.05	1.15	1.24	1.29	1.34
Sept. 8	.30	.36	.40	.52	.56	.58	.59	.60	.60	.61	.64
Oct. 7	.20	.30	.34	.36	.40	.43	.47	.47	.48	.48	.67
Philadelphia, Pa.:											
May 16	.32	.45	.65	.71	.81	.90	.97	1.02	1.05	1.08	1.09
May 20	.17	.32	.36	.38	.40	.40	.42	.42	.42	.42	.42
June 9	.18	.36	.58	.82	.88	.89	.96	.98	1.01	1.01	1.01
July 17	.12	.25	.43	.50	.54	.55	.55	.55	.55	.55	.55
Aug. 6	.30	.54	.70	.78	.84	.91	.93	.95	.95	.95	1.32
Aug. 19	.25	.37	.46	.58	.79	.83	.84	.84	.84	.84	.84
Sept. 1	.37	.60	.93	1.01	1.29	1.42	1.44	1.46	1.58	1.83	2.00
Reading, Pa.:											
July 24	.20	.27	.38	.53	.68	.71	.72	.72	.72	.72	.72
July 26	.15	.24	.42	.47	.54	.54	.54	.54	.54	.54	.54
July 30	.22	.34	.51	.54	.56	.56	.56	.56	.56	.56	.56
Aug. 6	.43	.79	1.24	1.25	1.27	1.27	1.27	1.27	1.27	1.29	1.31
Sept. 8	.18	.32	.37	.38	.41	.44	.46	.47	.50	.52	.52
MIDDLE ATLANTIC STATES—CON.											
Scranton, Pa.:											
Aug. 31	0.17	0.24	0.40	0.48	0.58	0.64	0.71	0.81	0.93	1.12	1.27
Atlantic City, N. J.:											
June 9-10	.24	.36	.43	.43	.43	.46	.51	.54	.57	.59	.61
July 3	.16	.31	.47	.60	.72	.85	.97	1.06	1.16	1.40	1.54
Sept. 25	.18	.30	.37	.42	.44	.45	.53	.59	.64	.66	.66
Nov. 26-27	.23	.35	.44	.51	.55	.57	.60	.63	.65	.66	.67
Dec. 28-29	.14	.26	.41	.45	.48	.55	.59	.60	.60	.62	.68
Trenton, N. J.:											
May 28	.23	.35	.41	.46	.49	.49	.49	.50	.51	.51	.51
Aug. 13	.17	.34	.49	.63	.66	.67	.67	.67	.67	.67	.67
Sept. 1	.34	.56	1.04	1.57	2.06	2.30	2.39	2.43	2.45	2.52	2.59
Sept. 25	.29	.31	.37	.50	.53	.56	.64	.68	.78	.81	.82
Baltimore, Md.:											
May 16	.26	.34	.36	.36	.36	.36	.37	.37	.37	.37	.38
May 20	.68	.92	1.10	1.18	1.29	1.33	1.35	1.35	1.36	1.36	1.36
June 28	.33	.51	.98	1.24	1.32	1.42	1.44	1.44	1.44	1.44	1.44
July 28	.17	.32	.47	.57	.61	.62	.62	.62	.62	.62	.62
July 31	.34	.42	.44	.53	.53	.53	.54	.54	.54	.54	.54
Aug. 6	.41	.62	.79	.85	.86	.86	.86	.86	.86	.86	.86
Aug. 19	.15	.26	.42	.53	.55	.55	.55	.55	.55	.55	.55
Aug. 31	.27	.43	.65	.80	1.01	1.08	1.14	1.18	1.20	1.27	1.29
Sept. 25	.17	.29	.40	.43	.47	.51	.56	.58	.60	.66	.69
Washington, D. C.:											
May 20	.16	.31	.45	.48	.50	.59	.68	.70	.71	.75	.79
June 28	.30	.55	.62	.63	.63	.63	.63	.63	.63	.63	.63
July 23	.67	1.06	1.48	1.73	2.12	2.23	2.27	2.38	2.47	2.56	2.59
Aug. 26	.13	.24	.39	.46	.58	.81	.86	.89	.92	.94	.94
Aug. 31	.33	.53	.89	1.21	1.24	1.27	1.29	1.29	1.29	1.29	1.30
Cape Henry, Va.:											
July 28	.15	.25	.38	.50	.54	.58	.63	.63	.64	.65	.65
Aug. 7	.35	.52	.86	1.02	1.11	1.16	1.18	1.20	1.21	1.21	1.21
Aug. 19	.25	.41	.53	.56	.56	.75	.90	.91	1.14	1.37	1.39
Sept. 9	.38	.66	.76	.76	.81	1.06	1.17	1.33	1.35	1.38	1.38
Nov. 12	.14	.21	.34	.52	.63	.67	.76	.92	1.00	1.05	1.10
Lynchburg, Va.:											
Apr. 8	.15	.29	.43	.56	.68	.76	.90	.98	1.04	1.09	1.17
July 11	.25	.35	.47	.50	.53	.55	.55	.55	.55	.55	.55
July 12	.44	.63	.86	.96	1.05	1.07	1.14	1.19	1.25	1.27	1.28
July 22	.27	.49	.53	.54	.54	.54	.54	.54	.54	.54	.54
July 29	.20	.34	.58	.70	.76	.78	.79	.79	.79	.80	.83
Sept. 25	.25	.37	.43	.49	.54	.55	.56	.56	.57	.57	.57
Norfolk, Va.:											
May 2	.25	.34	.35	.36	.36	.36	.36	.36	.36	.36	.36
May 8	.23	.36	.45	.47	.53	.56	.64	.71	.74	.74	.74
June 11	.41	.77	1.18	1.29	1.30	1.30	1.30	1.31	1.31	1.42	1.42
July 12	.36	.59	.72	.75	.78	.88	.93	.98	1.00	1.04	1.06
July 28	.29	.40	.47	.53	.55	.56	.56	.60	.60	.60	.60
Aug. 1	.29	.40	.63	.71	.79	1.16	1.48	1.52	1.52	1.53	1.53
Aug. 8	.20	.35	.59	.77	.78	.79	.79	.79	.79	.79	.79
Aug. 14	.21	.30	.30	.30	.34	.43	.50	.59	.67	.84	1.05
Aug. 15	.18	.28	.40	.43	.46	.51	.57	.57	.62	.71	.75
Aug. 19	.58	1.09	1.79	1.89	1.91	1.91	1.91	1.92	1.96	1.96	1.96
Sept. 8-9	.41	.66	.99	1.09	1.30	1.32	1.34	1.55	1.57	1.58	1.58
Sept. 25	.25	.43	.49	.61	.65	.70	.81	.94	1.00	1.03	1.04
Richmond, Va.:											
Apr. 19-20	.28	.42	.51	.57	.62	.67	.70	.71	.83	1.04	1.14
May 8	.27	.47	.55	.55	.56	.56	.56	.65	.56	.56	.58
May 20	.24	.34	.60	.68	.74	.75	.91	.95	.97	1.00	1.10
June 8	.21	.35	.55	.68	.73	.74	.74	.75	.77	.80	.82
June 14	.18	.36	.50	.50	.50	.51	.52	.52	.52	.52	.52
July 16	.27	.30	.32	.47	.53	.54	.57	.59	.60	.60	.60
Aug. 6	.22	.40	.67	.94	1.07	1.18	1.23	1.28	1.29	1.30	1.32
Aug. 31	.23	.41	.78	1.05	1.25	1.27	1.34	1.39	1.42	1.42	1.42
Sept. 8	.25	.36	.42	.46	.46	.47	.48	.53	.54	.54	.54
Wytheville, Va.:											
May 24	.11	.19	.32	.43	.57	.67	.82	.86	.88	.89	.89
July 28	.25	.44	.66	.71	.76	.77	.78	.79	.83	.84	.84
SOUTH ATLANTIC STATES											
Asheville, N. C.:											
June 11	.32	.51	.56	.58	.59	.59	.59	.59	.59	.59	.59
Aug. 30	.24	.47	.88	1.03	1.12	1.17	1.24	1.62	1.84	1.93	1.94
Charlotte, N. C.:											
June 9	.27	.51	.95	1.11	1.22	1.23	1.23	1.27	1.30	1.35	1.37
July 17	.22	.40	.77	1.05	1.22	1.24	1.27	1.27	1.27	1.27	1.27
Aug. 4	.26	.39	.74	.80	.96	1.04	1.12	1.20	1.31	1.47	1.55
Greensboro, N. C.:											
May 20	.30	.43	.71	.92	1.22	1.34	1.47	1.58	1.63	1.65	1.68
June 17	.31	.57	.75	.76	.77	.77	.77	.77	.77	.77	.77
Aug. 14	.26	.39	.76	1.13	1.38	1.81	1.96	2.01	2.16	2.61	2.71

For footnotes see end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1940 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
SOUTH ATLANTIC STATES—con.											
Hatteras, N. C.:											
May 20	0.44	0.85	1.63	2.29	2.95	3.47	4.03	4.59	4.77	4.84	4.94
May 30	.34	.51	.54	.54	.54	.54	.54	.55	.55	.56	.65
Aug. 8	.31	.52	.68	1.00	1.05	1.07	1.21	1.45	1.45	1.45	1.46
Aug. 14	.32	.49	.70	.71	.72	.73	.75	.86	.86	.86	.86
Aug. 16	.40	.57	.58	.58	.58	.58	.58	.71	.74	.74	.74
Sept. 11	.59	.81	.88	.88	.88	.90	.98	.98	.98	.98	.98
Dec. 25	.38	.64	1.01	1.10	1.12	1.13	1.20	1.25	1.53	1.71	1.89
Raleigh, N. C.:											
Aug. 14	.30	.51	.67	.73	.78	.83	1.03	1.37	1.48	1.85	2.07
Aug. 14	.30	.49	.80	1.06	1.21	1.22	1.26	1.30	1.33	1.51	1.61
Wilmington, N. C.:											
June 25	.21	.34	.58	.91	1.22	1.47	1.70	1.90	1.94	1.96	2.01
Aug. 1	.50	.93	1.53	1.82	2.21	2.41	2.45	2.45	2.45	2.52	2.57
Aug. 7	.34	.57	.91	1.00	1.24	1.35	1.40	1.50	1.54	1.54	1.54
Aug. 15	.22	.41	.78	1.11	1.41	1.66	1.80	1.88	2.00	2.04	2.11
Aug. 17	.26	.50	.62	.63	.63	.64	.64	.64	.64	.64	.64
Charleston, S. C.:											
July 17	.52	.85	1.32	1.63	2.14	2.54	2.59	2.88	3.07	3.11	3.11
Aug. 11	.47	.64	1.03	1.18	1.36	1.60	1.91	2-04	2.25	2.74	3.09
Aug. 31	.40	.76	1.23	1.85	2.66	2.76	2.79	2.79	2.79	2.79	2.79
Columbia, S. C.:											
Aug. 30	.38	.69	.99	1.15	1.25	1.28	1.28	1.28	1.29	1.29	1.29
Greenville, S. C.:											
July 9	.24	.46	.72	.91	1.17	1.29	1.43	1.47	1.48	1.51	1.51
July 16	.20	.34	.55	.82	1.14	1.32	1.42	1.46	1.50	1.54	1.57
Oct. 15	.31	.48	.68	.70	.72	.75	.77	.79	.79	.79	.79
Nov. 1	.26	.49	.75	.81	.85	.88	.90	.91	.99	1.92	.93
Augusta, Ga.:											
June 15	.21	.43	.80	.87	.88	.89	.94	.95	.96	.97	.97
June 16	.39	.60	.71	.71	.72	.73	.74	.74	.74	.74	.74
Aug. 8	.25	.50	.85	1.14	1.40	1.45	1.47	1.47	1.48	1.48	1.48
Sept. 10	.39	.72	.82	.83	.83	.83	.84	.84	.84	.84	.84
Savannah, Ga.:											
July 9	.43	.76	.89	1.10	1.28	1.32	1.38	1.39	1.39	1.39	1.39
Aug. 5	.32	.55	.72	.72	.73	.73	.73	.73	.73	.73	.73
Aug. 24	.31	.52	.81	1.12	1.27	1.31	1.33	1.33	1.33	1.33	1.33
Dec. 25	.30	.52	1.00	1.20	1.38	1.49	1.57	1.61	1.64	1.70	1.74
Jacksonville, Fla.:											
Apr. 7-8	.22	.34	.42	.58	.72	.87	1.08	1.31	1.62	1.78	1.89
May 29	.36	.65	.68	.68	.68	.68	.70	.70	.70	.70	.70
June 4	.32	.58	.87	1.17	1.27	1.31	1.32	1.38	2.02	2.16	2.20
June 5	.59	1.02	2.00	2.47	2.57	2.61	2.63	2.69	2.73	2.74	2.74
June 30	.27	.43	.68	.85	1.07	1.13	1.48	1.57	1.66	1.85	2.01
July 9	.28	.52	.74	.79	1.01	1.44	1.54	1.55	1.55	1.55	1.55
July 13	.42	.75	1.08	1.16	1.17	1.17	1.17	1.17	1.17	1.17	1.17
Sept. 25	.45	.53	.59	.69	.77	.78	1.11	1.22	1.32	1.44	1.49
FLORIDA PENINSULA											
Key West, Fla.:											
Apr. 26	.27	.48	.63	1.00	1.28	1.52	1.63	1.64	1.65	1.65	1.65
July 18	.31	.47	.73	.96	1.32	1.43	1.64	1.78	1.81	1.83	1.83
Aug. 12	.35	.65	.95	1.07	1.11	1.11	1.11	1.11	1.11	1.11	1.11
Sept. 5	.30	.52	.76	.83	.84	.84	.98	.99	1.00	1.00	1.00
Sept. 16	.37	.62	1.03	1.45	1.65	1.71	1.97	2.02	2.02	2.02	2.02
Oct. 3	.36	.61	.91	1.07	1.12	1.14	1.22	1.27	1.31	1.36	1.40
Dec. 27	.31	.54	1.00	1.25	1.50	1.65	1.75	1.99	2.04	2.05	2.11
Miami, Fla.:											
Mar. 28	.27	.51	.69	.85	.92	.94	.95	.97	.98	.99	.99
May 30	.39	.69	1.19	1.54	2.02	2.25	2.48	2.54	2.55	2.56	2.56
May 31	.50	.83	1.51	2.06	2.89	3.80	3.88	4.30	4.64	4.88	4.94
June 1	.54	1.10	1.83	2.56	3.20	3.30	4.22	4.56	4.57	4.78	4.81
June 25	.45	.76	.91	.93	.93	.94	.94	.94	.94	.94	.94
Aug. 1	.34	.54	.82	1.01	1.55	1.62	1.62	1.63	1.63	1.65	1.65
Aug. 11	.33	.59	.74	.78	.85	.88	.92	.94	.94	.95	.95
Aug. 13	.31	.60	.80	.96	1.11	1.12	1.14	1.18	1.18	1.21	1.21
Aug. 26	.25	.46	.78	.88	1.01	1.11	1.13	1.14	1.15	1.17	1.17
Sept. 4	.28	.51	.90	1.21	1.27	1.29	1.30	1.31	1.34	1.34	1.34
Sept. 8	.48	.61	.88	1.02	1.06	1.07	1.07	1.07	1.07	1.07	1.07
Sept. 29	.35	.71	1.19	1.37	1.47	1.50	1.51	1.51	1.51	1.51	1.51
Oct. 29	.29	.56	.69	.92	.97	.97	.97	.97	.97	.97	.97
Tampa, Fla.:											
Apr. 8	.36	.67	.94	1.02	1.43	1.63	1.86	1.99	2.07	2.14	2.16
June 4	.37	.51	.55	.55	.55	.55	.55	.55	.55	.56	.60
June 14	.43	.74	1.10	1.36	1.56	1.57	1.58	1.59	1.59	1.60	1.62
June 17	.34	.65	.79	.80	.80	.80	.80	.80	.80	.80	.80
Aug. 8	.57	.95	1.23	1.30	1.32	1.37	1.42	1.42	1.42	1.42	1.42
Aug. 23	.31	.59	.97	1.19	1.23	1.25	1.26	1.26	1.26	1.26	1.26
Dec. 26	.26	.58	.79	.86	.98	1.07	1.24	1.31	1.36	1.46	1.54
EAST GULF STATES											
Atlanta, Ga.:											
June 11	.28	.51	.65	.93	1.20	1.21	1.22	1.22	1.22	1.22	1.22
Sept. 10	.47	.91	1.53	2.20	2.34	2.34	2.34	2.34	2.40	2.43	2.46
EAST GULF STATES—continued											
Macon, Ga.:											
Apr. 7	0.32	0.44	0.71	0.88	1.09	1.18	1.25	1.31	1.37	1.42	1.43
June 11	.36	.61	.81	.86	.86	.86	.86	.86	.87	.87	.88
July 18	.42	.72	1.22	1.28	1.31	1.32	1.32	1.32	1.32	1.32	1.32
Aug. 13	.31	.62	.79	.80	.81	.81	.81	.81	.81	.81	.81
Aug. 30	.41	.77	1.42	1.77	1.94	1.95	1.95	1.95	1.95	1.95	1.95
Apalachicola, Fla.:											
June 3-4	.28	.54	.65	.68	.72	.75	.77	.83	.86	.86	.86
July 5	.53	.87	1.07	1.12	1.19	1.22	1.30	1.44	1.54	1.66	1.82
Sept. 5	.48	.83	1.25	1.69	2.18	2.65	3.04	3.34	3.53	3.75	4.02
Pensacola, Fla.:											
Jan. 7	.24	.46	.78	.87	.89	.89	.90	.92	1.01	1.06	1.10
Mar. 28	.39	.66	1.02	1.35	1.58	1.66	1.70	1.76	1.80	1.82	1.83
Mar. 29	.36	.59	1.06	1.23	1.38	1.57	1.60	1.64	1.68	1.70	1.72
Apr. 5	.62	.99	1.58	2.05	2.13	2.16	2.18	2.20	2.20	2.20	2.20
Apr. 7	.51	.76	.86	.90	.94	1.00	1.07	1.14	1.22	1.32	1.38
July 6	[1].30	[1].58	[1]1.00	[1]1.42	[1]1.82	[1]1.83	[1]1.83	[1]1.83	[1]1.83	[1]1.83	[1]1.98
July 7	.41	.82	1.19	1.38	1.40	1.40	1.40	1.41	1.41	1.65	1.68
July 8	.35	.53	.57	.57	.74	.80	1.16	1.37	1.38	1.47	1.74
July 9	.37	.62	.82	.82	.82	.85	1.05	1.07	1.07	1.07	1.22
July 11	.48	.66	1.11	1.43	1.60	1.75	1.96	2.14	2.19	2.19	2.20
Aug. 16	.32	.56	.81	.91	.96	.99	1.00	1.00	1.00	1.00	1.00
Aug. 17	.27	.55	.88	.98	.99	.99	1.00	1.00	1.00	1.00	1.00
Nov. 1	.32	.52	.79	.94	.99	1.04	1.09	1.14	1.17	1.24	1.31
Nov. 5	.23	.43	.80	1.05	1.30	1.47	2.07	2.40	2.59	2.79	2.92
Nov. 11	.32	.54	.69	.90	.98	1.12	1.21	1.25	1.30	1.42	1.45
Birmingham, Ala.											
Mar. 29	.28	.59	.72	.80	.91	.95	1.06	1.35	1.50	1.53	1.81
Apr. 4	.53	.96	1.05	1.15	1.24	1.32	1.35	1.35	1.35	1.35	1.36
Apr. 2	.29	.53	.64	.68	.73	.77	.85	.90	.93	.95	.96
Oct. 29-30	.42	.72	.90	.91	1.00	1.05	1.10	1.11	1.13	1.17	1.18
Mobile, Ala.:											
Feb. 17	.37	.60	.80	.89	1.00	1.07	1.15	1.25	1.31	1.34	1.34
Mar. 13	.45	.73	1.09	1.25	1.30	1.30	1.30	1.30	1.30	1.30	1.30
Apr. 18	.39	.50	.67	.75	.79	.88	.90	.95	1.00	1.08	1.11
May 28	.55	.86	1.26	1.54	1.66	1.66	1.67	1.67	1.68	1.68	1.68
June 13	.40	.73	1.05	1.40	1.64	1.77	1.81	1.87	1.90	1.91	1.91
July 4	.47	.82	1.42	1.60	1.63	1.64	1.65	1.65	1.65	1.65	1.65
Sept. 24	.44	.68	1.14	1.25	1.65	1.82	1.95	1.98	2.14	2.47	2.56
Sept. 25	.52	.87	1.25	1.29	1.30	1.32	1.33	1.34	1.34	1.36	1.37
Dec. 13	.41	.69	1.08	1.48	1.70	1.82	1.92	2.02	2.07	2.13	2.17
Montgomery, Ala.:											
July 17	.32	.56	.79	1.00	1.19	1.24	1.24	1.24	1.24	1.24	1.24
Nov. 11	.44	.68	.97	1.12	1.17	1.21	1.24	1.28	1.30	1.33	1.33
Meridian, Miss.:											
Mar. 29	.45	.66	1.26	1.71	2.01	2.12	2.50	2.69	2.73	2.80	2.85
Apr. 30	.16	.28	.42	.57	.72	1.02	1.23	1.39	1.54	1.67	1.85
May 23	.29	.52	.67	.72	.77	.78	.81	.83	.83	.83	.83
June 8	.42	.47	.49	.50	.52	.52	.52	.52	.60	.63	.64
June 14	.30	.50	.76	1.07	1.42	1.58	1.61	1.62	1.65	1.66	1.68
July 1	.64	1.07	1.94	2.31	2.52	2.53	2.55	2.61	2.63	2.64	2.64
Oct. 30	[1].26	[1].46	[1].79	[1].85	[1].96	[1]1.04	[1]1.08	[1]1.10	[1]1.10	1.12	1.12
Nov. 11	.23	.42	.74	1.08	1.38	1.46	1.55	1.61	1.63	1.67	1.74
Dec. 12	.38	.63	.85	.99	1.15	1.30	1.36	1.40	1.44	1.45	1.46
Vicksburg, Miss.:											
Mar. 29	.35	.47	.72	.80	.90	.98	1.07	1.23	1.41	1.54	1.64
Apr. 4	.40	.62	.76	.81	.84	.86	1.15	1.18	1.28	1.53	1.60
June 9	.34	.66	1.05	1.15	1.22	1.23	1.25	1.27	1.29	1.29	1.29
June 20	.22	.41	.74	1.03	1.15	1.16	1.17	1.18	1.18	1.18	1.18
Aug. 9	.33	.51	.66	.74	.86	.99	1.42	1.64	1.77	1.87	1.91
Nov. 11	.58	.81	.96	1.07	1.51	1.67	1.87	1.97	2.01	2.06	2.06
New Orleans, La.:											
Mar. 29	.32	.48	.83	.99	1.08	1.16	1.36	1.49	1.55	1.62	1.70
Apr. 7	.43	.75	1.22	1.81	1.99	2.11	2.42	2.47	2.50	2.50	2.50
Apr. 11	.41	.69	1.01	1.15	1.30	1.40	1.66	1.73	1.80	1.90	2.03
Apr. 25	.32	.47	.60	1.02	1.14	1.18	1.45	1.53	1.53	1.61	1.62
Apr. 29	.62	1.15	1.86	2.13	2.20	2.28	2.36	2.44	2.54	2.59	2.72
June 20	.21	.42	.76	1.06	1.15	1.16	1.16	1.16	1.16	1.17	1.18
July 9	.57	1.03	1.48	1.88	1.98	2.14	2.16	2.16	2.16	2.16	2.16
July 11	.32	.62	.96	1.01	1.14	1.20	1.22	1.26	1.28	1.28	1.30
July 27	.28	.50	.90	1.14	1.59	1.64	1.67	1.69	1.70	1.70	1.70
July 31	.40	.66	.96	1.23	1.35	1.39	1.40	1.42	1.44	1.46	1.46
Aug. 25	.31	.51	.84	.88	.90	.90	.90	.90	.90	.90	.90
Aug. 28	.36	.68	1.04	1.17	1.26	1.89	2.16	2.20	2.20	2.22	2.22
Sept. 20	.37	.72	1.31	1.75	2.17	2.29	2.41	2.75	2.85	3.02	3.40
Dec. 13	.31	.47	.81	1.03	1.23	1.35	1.36	1.41	1.44	1.46	1.52
Dec. 15	.39	.45	.70	.88	1.05	1.17	1.25	1.29	1.31	1.33	1.34
WEST GULF STATES											
Shreveport, La.:											
Mar. 12	.33	.64	.90	1.02	1.10	1.12	1.19	1.21	1.21	1.22	1.22
Apr. 6	.27	.52	.74	1.11	1.39	1.61	1.81	1.98	2.13	2.33	2.64
Apr. 28	.21	.38	.65	.95	1.19	1.57	1.75	1.82	2.29	2.53	2.55
May 22	.36	.62	.94	1.15	1.19	1.22	1.23	1.24	1.24	1.25	1.25
June 9	.32	.57	.68	.68	.68	.68	.68	.70	.70	.72	.77

For footnotes see end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1940 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
WEST GULF STATES—continued											
Shreveport, La.—Continued.											
June 28	0.21	0.40	0.49	0.53	0.65	0.94	1.04	1.13	1.20	1.25	1.31
Aug. 27	.36	.58	1.01	1.23	1.50	1.66	1.72	1.75	1.75	1.80	1.86
Aug. 28	.51	.94	1.70	2.28	2.68	2.81	2.83	2.84	2.84	2.84	2.84
Nov. 22	.32	.64	1.09	1.33	1.76	1.96	2.24	2.42	2.57	2.74	2.99
Dec. 12	.37	.66	1.07	1.33	1.42	1.45	1.52	1.54	1.54	1.57	1.57
Fort Smith, Ark.:											
Sept. 3	.34	.54	.73	.81	.88	1.47	1.66	1.70	1.74	1.76	1.78
Little Rock, Ark.:											
Aug. 2	.48	.65	.79	.83	.84	.84	.84	.84	.84	.84	.84
Austin, Tex.:											
June 28	.38	.70	1.02	1.30	1.46	1.47	1.47	1.47	1.47	1.47	1.47
Aug. 29	.37	.55	.87	1.01	1.04	1.04	1.04	1.05	1.06	1.07	1.11
Oct. 6	.43	.70	.89	.90	.90	.90	.90	.90	.90	.90	.90
Brownsville, Tex.:											
Mar. 19	.65	.89	1.02	1.04	1.05	1.06	1.06	1.06	1.06	1.06	1.06
Mar. 20	.41	.78	1.24	1.54	1.68	1.78	1.82	1.85	1.89	1.96	1.98
May 9	.37	.78	1.24	1.53	1.68	1.71	1.73	1.79	1.83	1.87	1.94
June 16	.35	.61	.75	.75	.75	.75	.75	.75	.75	.75	.75
Oct. 15	.24	.47	.72	.97	1.25	1.40	1.56	1.63	1.70	1.84	2.04
Corpus Christi, Tex.:											
Feb. 16	.30	.56	.77	.83	.88	.88	.88	.88	.89	.89	.89
May 9	.27	.46	.78	.82	.82	.82	.82	.82	.82	.82	.84
May 23	.76	1.11	1.17	1.18	1.18	1.18	1.18	1.18	1.27	1.30	1.48
July 3	.23	.34	.67	.95	1.10	1.14	1.15	1.15	1.15	1.15	1.19
July 13	.46	.83	1.50	1.82	1.84	1.85	1.85	1.85	1.85	1.85	1.85
Sept. 22	.27	.47	.90	1.02	1.03	1.32	1.34	1.40	1.44	1.50	1.58
Dallas, Tex.:											
May 17	.39	.59	.83	.98	10.7	1.09	1.10	1.33	1.48	1.52	1.65
June 15	.25	.45	.60	.91	1.22	1.59	2.14	2.40	2.50	2.83	2.95
Nov. 22	.42	.54	.72	.89	.97	1.03	1.21	1.28	1.31	1.32	1.36
Fort Worth, Tex.:											
Apr. 28	.31	.57	.93	1.23	1.30	1.32	1.32	1.32	1.38	1.43	1.44
May 28	.34	.63	1.01	1.30	1.40	1.44	1.67	1.75	1.76	1.77	1.77
June 15	.29	.44	.74	.77	.77	.78	.78	.79	.80	.87	.94
Oct. 31	.36	.53	.61	.69	.78	.84	.87	.91	1.00	1.15	1.20
Galveston, Tex.:											
June 8	.31	.39	.70	1.01	1.08	1.09	1.12	1.13	1.13	1.13	1.13
Sept. 21	.45	.86	1.54	2.05	2.92	3.40	3.91	4.23	4.51	4.61	4.68
Nov. 9	.30	.50	.85	1.22	1.66	2.10	2.63	2.78	2.84	2.86	2.90
Nov. 25	.40	.73	1.28	1.61	1.90	2.47	3.03	3.37	3.66	4.21	4.78
Houston, Tex.:											
Feb. 16	.23	.44	.79	.96	1.07	1.11	1.18	1.26	1.31	1.38	1.40
Apr. 6	.33	.62	.86	.86	.86	.87	.92	.94	.95	.95	.95
June 18	.59	.91	1.33	1.60	1.89	2.11	2.36	2.57	2.84	3.01	3.02
June 29	.29	.52	.79	.91	.99	1.02	1.04	1.39	1.49	1.50	1.50
Sept. 21	.26	.50	.82	.96	1.05	1.11	1.14	1.18	1.19	1.20	1.20
Oct. 28–29	.29	.54	.92	1.04	1.29	1.35	1.47	1.49	1.50	1.52	1.53
Nov. 23	.26	.48	.70	.73	.77	.79	.85	.87	.88	.88	.92
Palestine, Tex.:											
May 22	.22	.40	.73	.85	1.05	1.12	1.28	1.34	1.37	1.38	1.41
July 2	.49	.66	1.18	1.40	1.91	2.47	2.99	3.21	3.92	4.00	4.06
Nov. 23	.39	.70	1.23	1.71	2.23	2.87	3.48	3.98	4.31	4.40	4.64
Port Arthur, Tex.:											
Feb. 16	.38	.54	.65	.70	.78	.81	.88	.91	.92	.94	.97
Mar. 29	.42	.68	.85	.98	1.37	1.59	1.69	1.79	1.83	1.85	1.89
Apr. 6	.38	.67	1.04	1.28	1.45	1.51	1.65	1.67	1.67	1.68	1.68
Apr. 17	.49	.86	1.15	1.25	1.31	1.36	1.58	2.21	2.27	2.31	2.33
June 29	.31	.54	.92	.96	1.02	1.10	1.15	1.45	1.72	1.87	1.98
July 3	.37	.51	.99	1.10	1.22	1.24	1.42	1.62	1.65	1.66	1.66
July 3	.27	.43	.75	1.03	1.29	1.30	1.30	1.30	1.30	1.30	1.30
Oct. 29	.27	.49	.82	1.10	1.20	1.24	1.30	1.39	1.45	1.55	1.61
Nov. 9	.28	.51	.68	.76	.81	.94	1.12	1.21	1.56	1.66	1.84
Dec. 13	.38	.57	.89	1.10	1.84	2.08	2.32	2.59	2.72	2.90	2.99
Dec. 25–26	.38	.60	.81	.87	.94	.99	1.10	1.14	1.21	1.32	1.46
San Antonio, Tex.:											
May 28	.34	.59	1.13	1.29	1.30	1.31	1.31	1.31	1.31	1.31	1.31
June 14	.63	1.22	1.72	1.89	1.93	1.93	1.93	1.95	1.96	1.96	1.96
June 29	.28	.38	.45	.65	.89	1.06	1.47	1.64	1.67	1.71	1.71
OHIO VALLEY AND TENNESSEE											
Chattanooga, Tenn.:											
June 16	.29	.52	.86	1.08	1.15	1.30	1.37	1.43	1.48	1.54	1.62
July 20	.33	.80	1.23	1.31	1.31	1.47	1.59	1.59	1.60	1.60	1.60
Aug. 6	.32	.50	.63	.72	.76	.91	1.06	1.10	1.13	1.13	1.16
Knoxville, Tenn.:											
June 28	.45	.56	.59	.75	.83	.87	.88	.95	1.22	1.27	1.27
Aug. 6	.56	.91	1.59	1.98	2.19	2.28	2.28	2.28	2.28	2.28	2.28
Memphis, Tenn.:											
Apr. 30	.36	.62	.74	.74	.75	.75	.76	.76	.76	.76	.76
July 15	.44	.81	1.42	1.72	1.79	1.87	1.96	1.98	1.98	1.98	1.98
OHIO VALLEY AND TENNESSEE—con.											
Nashville, Tenn.:											
June 10	0.42	0.59	0.68	0.70	0.73	0.86	0.94	0.96	0.96	0.96	0.97
Louisville, Ky.:											
Mar. 2	.21	.40	.51	.64	.94	1.20	1.26	1.35	1.39	1.49	1.59
June 8	.25	.41	.42	.43	.43	.43	.43	.43	.43	.43	.43
Aug. 6	.20	.23	.42	.45	.48	.49	.49	.50	.50	.50	.50
Aug. 27	.24	.30	.34	.35	.35	.35	.35	.35	.36	.36	.36
Evansville, Ind.:											
Apr. 17	.27	.37	.44	.74	.80	.80	.80	.80	.80	.84	.85
Apr. 29	.27	.40	.66	.68	.70	.71	.72	.75	.75	.75	.75
June 9	.18	.32	.54	.66	.85	.91	.91	.91	.91	.91	.91
June 24	.36	.47	.48	.48	.48	.48	.48	.48	.48	.48	.48
July 11	.31	.41	.44	.45	.49	.50	.51	.51	.52	.57	.63
Aug. 27	.22	.34	.40	.43	.44	.44	.44	.44	.44	.44	.44
Oct. 6	.19	.24	.35	.51	.62	.66	.68	.69	.70	.70	.71
Indianapolis, Ind.:											
Apr. 3	.22	.34	.38	.38	.38	.38	.38	.40	.40	.42	.42
Apr. 17	.16	.29	.41	.51	.63	.67	.72	.79	.84	.87	.95
May 6	.20	.32	.52	.59	.64	.79	.87	.87	.87	.87	.87
May 25	.16	.30	.41	.45	.48	.52	.55	.57	.59	.60	.61
June 8	.33	.50	.73	.82	.89	.90	.91	.91	.92	.93	.93
Aug. 18	.44	.70	.98	1.07	1.22	1.27	1.32	1.34	1.53	1.57	1.58
Aug. 28	.41	.53	.60	.61	.62	.62	.62	.62	.62	.62	.62
Terre Haute, Ind.:											
Mar. 2	.28	.29	.36	.37	.41	.42	.43	.44	.54	.61	.64
Apr. 17	.22	.35	.40	.43	.47	.50	.51	.51	.51	.51	.51
Apr. 30	.25	.33	.42	.47	.56	.80	.95	1.01	1.08	1.17	1.23
May 28	.29	.33	.33	.38	.39	.39	.39	.39	.40	.40	.41
June 7	.31	.48	.68	.70	.73	.79	.82	.87	.91	.97	.99
June 17	.21	.36	.39	.49	.55	.55	.55	.55	.58	.60	.60
July 12	.23	.42	.57	.60	.67	.71	.79	.83	.90	.95	.96
July 22	.23	.34	.50	.54	.54	.54	.54	.54	.54	.54	.54
Aug. 18	.13	.26	.39	.55	.75	.86	.95	.97	.99	1.00	1.01
Sept. 8	.24	.36	.51	.55	.57	.57	.57	.57	.57	.57	.57
Cincinnati, Ohio.:											
Apr. 17	.25	.38	.50	.55	.63	.67	.70	.76	.79	.80	.80
Aug. 28	.22	.38	.53	.57	.57	.58	.58	.59	.62	.64	.64
Columbus, Ohio:											
May 1	.33	.57	.85	.97	1.03	1.04	1.30	1.45	1.47	1.48	1.48
June 7	.35	.65	.89	.96	1.08	1.09	1.10	1.11	1.11	1.11	1.11
Dayton, Ohio:											
Mar. 2	.21	.33	.49	.53	.61	.69	.75	.79	.82	.83	.84
May 6	.23	.38	.49	.50	.50	.51	.51	.51	.51	.51	.51
Aug. 18	.27	.33	.40	.42	.48	.55	.59	.60	.60	.60	.60
Elkins, W. Va.:											
June 9	.23	.36	.41	.42	.60	.61	.61	.61	.61	.61	.61
June 12	.22	.41	.42	.42	.52	.68	.68	.68	.68	.73	.74
July 16	.19	.29	.50	.58	.58	.58	.58	.58	.58	.58	.59
July 17	.26	.40	.45	.45	.45	.45	.45	.45	.45	.45	.45
July 24	.26	.42	.49	.60	.60	.60	.60	.60	.60	.60	.60
Aug. 6	.28	.36	.42	.42	.42	.42	.48	.61	.62	.62	.62
Aug. 26	.18	.34	.54	.64	.89	1.00	1.11	1.15	1.18	1.27	1.33
Aug. 27	.29	.32	.35	.42	.54	.54	.56	.56	.56	.57	.63
Aug. 28	.25	.35	.43	.45	.46	.46	.46	.46	.46	.46	.46
Sept. 25	.12	.18	.33	.45	.66	.88	1.04	1.14	1.23	1.32	1.39
Parkersburg, W. Va.:											
June 9	.47	.66	.70	.71	.71	.71	.72	.75	.75	.75	.75
June 11	.68	.82	.92	.95	.99	1.00	1.04	1.07	1.08	1.08	1.08
June 18	.21	.33	.48	.57	.60	.61	.62	.62	.64	.64	.65
July 11	.28	.48	.58	.63	.67	.68	.69	.69	.69	.69	.69
Aug. 6	.21	.34	.41	.58	.70	.75	.77	.78	.78	.78	.78
Aug. 28	.29	.56	.86	.95	.95	.96	.98	.99	1.01	1.01	1.01
Sept. 24	.29	.38	.40	.40	.43	.45	.46	.46	.46	.46	.46
Pittsburgh, Pa.:											
Apr. 3	.49	.65	.71	.73	.77	.78	.78	.78	.78	.87	.88
June 10	.22	.39	.69	.77	.85	.87	.96	1.04	1.08	1.11	1.12
June 15	.22	.39	.66	.86	1.04	1.07	1.08	1.08	1.08	1.11	1.11
July 11	.41	.56	.71	.74	.76	.77	.79	.80	.80	.80	.80
July 26	.34	.59	.74	.77	.79	.79	.79	.79	.79	.79	.79
Aug. 27	.14	.21	.36	.47	.72	.83	1.00	1.11	1.35	1.41	1.43
LOWER LAKE REGION											
Buffalo, N. Y.:											
June 8	.21	.29	.40	.51	.54	.55	.55	.55	.55	.55	.55
June 10	.15	.30	.43	.45	.51	.58	.62	.62	.62	.63	.69
Sept. 15	.24	.30	.52	.58	.65	.78	.90	.95	1.02	1.04	1.05
Canton, N. Y.:											
June 18	.42	.64	1.07	1.33	1.97	2.45	3.04	3.90	4.20	4.45	4.49
June 19	.22	.34	.47	.53	.56	.57	.58	.58	.58	.58	.58
July 21	.20	.30	.38	.48	.68	.83	.90	.92	.92	.97	1.21
Aug. 31–Sept. 1	.25	.40	.67	.91	1.14	1.26	1.37	1.48	1.67	2.27	2.55
Sept. 1	.12	.21	.41	.61	.78	.94	1.10	1.19	1.26	1.31	1.34

For footnotes see end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1940 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
LOWER LAKE REGION—continued											
Ithaca, N. Y.:											
May 29	0.24	0.47	0.72	0.88	0.94	1.14	1.19	1.21	1.22	1.22	1.22
July 9	.27	.41	.52	.57	.58	.58	.58	.59	.59	.59	.59
Aug. 5	.35	.60	.95	1.12	1.19	1.23	1.24	1.24	1.24	1.24	1.24
Oswego, N. Y.:											
June 19	.51	.78	.94	.95	.95	.95	.95	.95	.95	.95	.95
July 25	.25	.41	.57	.72	.78	.79	.82	.82	.82	.82	.82
Rochester, N. Y.:											
Aug. 5	.30	.41	.47	.47	.47	.47	.47	.47	.47	.47	.47
Syracuse, N. Y.:											
Aug. 13	.22	.35	.50	.52	.52	.53	.53	.53	.53	.53	.53
Sept. 8	.22	.36	.55	.63	.68	.70	.70	.70	.70	.70	.70
Erie, Pa.:											
May 29	.23	.32	.38	.40	.40	.42	.44	.45	.45	.45	.45
Sept. 21	.30	.39	.51	.52	.54	.54	.54	.54	.54	.54	.54
Sandusky, Ohio:											
June 23	.22	.30	.39	.45	.51	.54	.55	.55	.56	.57	.57
June 28	.23	.34	.43	.47	.50	.53	.60	.63	.64	.64	.65
July 22	.22	.37	.62	.71	.79	.79	.79	.79	.79	.79	.79
Aug. 26–27	.32	.37	.46	.68	.75	.77	.82	.84	.91	1.19	1.20
Sept. 8	.34	.63	.75	.76	.76	.76	.76	.76	.76	.76	.78
Sept. 24	.16	.28	.42	.49	.67	.82	.91	.98	1.11	1.29	1.40
Toledo, Ohio:											
May 22	.34	.44	.56	.64	.85	.91	.97	.97	.97	.98	.98
June 12	.25	.38	.46	.47	.47	.47	.47	.47	.47	.47	.47
June 18	.17	.34	.40	.47	.47	.48	.49	.49	.49	.50	.51
July 15	.35	.37	.41	.42	.63	.74	.76	.76	.76	.76	.76
July 22	.20	.31	.39	.41	.42	.42	.42	.42	.42	.42	.52
July 27	.31	.55	.65	.70	.72	.72	.74	.74	.74	.75	.75
Aug. 4	.26	.43	.47	.50	.55	.55	.55	.55	.55	.55	.55
Fort Wayne, Ind.:											
June 28	.35	.52	.74	.97	1.06	1.32	1.54	1.63	1.68	1.69	1.69
July 27	.19	.31	.45	.58	.58	.59	.60	.60	.61	.62	.63
Aug. 4	.24	.48	.50	.51	.51	.51	.51	.51	.51	.51	.51
Detroit, Mich.:											
Apr. 3	.21	.36	.43	.47	.50	.51	.51	.51	.52	.52	.52
May 6	.16	.32	.55	.80	.97	.07	1.13	1.15	1.18	1.19	1.20
June 10	.32	.42	.55	.58	.61	.64	.64	.64	.65	.65	.65
July 15	.20	.33	.40	.44	.46	.46	.47	.47	.47	.47	.47
Aug. 5	.36	.70	1.28	1.60	1.67	1.69	1.83	2.04	2.06	2.11	2.12
Aug. 13	.30	.50	.67	.80	.91	.96	1.02	1.04	1.04	1.05	1.05
UPPER LAKE REGION											
Alpena, Mich.:											
June 10	.21	.30	.54	.62	.63	.65	.67	.68	.68	.68	.68
July 29	.31	.60	1.09	1.43	1.77	1.83	1.85	1.87	1.88	1.88	1.88
Aug. 5	.32	.37	.38	.40	.41	.41	.41	.41	.42	.42	.45
Escanaba, Mich.:											
June 28	.17	.31	.42	.45	.48	.51	.52	.52	.53	.53	.53
July 23	.22	.37	.59	.60	.61	.65	.99	1.09	1.09	1.09	1.09
Grand Rapids, Mich.:											
Aug. 17	.17	.30	.49	.69	.74	.79	.82	.82	.83	.83	.83
Aug. 29	.25	.27	.30	.33	.34	.38	.41	.42	.42	.43	.43
Oct. 6	.41	.47	.49	.50	.52	.52	.52	.52	.52	.52	.52
Lansing, Mich.:											
May 29	.22	.39	.44	.46	.48	.48	.48	.48	.48	.64	.73
June 10	.34	.55	.73	.77	1.05	1.18	1.26	1.42	1.55	1.58	1.85
June 12	.34	.45	.51	.52	.52	.52	.52	.52	.55	.56	.56
July 9	.22	.34	.59	.75	.95	1.10	1.14	1.15	1.15	1.15	1.15
Aug. 18	.19	.36	.50	.55	.59	.61	.67	.71	.73	.73	.73
Aug. 28	.52	.93	1.03	1.11	1.14	1.14	1.15	1.15	1.15	1.15	1.15
Aug. 31	.24	.29	.41	.53	.66	.70	.72	.74	.74	.74	.74
Oct. 6	.25	.35	.37	.38	.48	.57	.69	.74	.77	.80	.83
Marquette, Mich.:											
June 4	.12	.24	.46	.53	.59	.61	.61	.61	.61	.61	.61
July 9	.37	.50	.55	.56	.56	.56	.56	.56	.56	.56	.56
Chicago University, Ill.:											
Apr. 2	.17	.30	.41	.55	.60	.64	.68	.73	.76	.78	.85
Aug. 10	.31	.34	.39	.56	.60	.68	.75	.90	1.21	1.35	1.38
Aug. 12	.24	.32	.50	.56	.56	.56	.56	.56	.56	.56	.56
Green Bay, Wis.:											
May 21	.31	.52	.73	.74	.75	.75	.75	.75	.75	.75	.75
July 28	.36	.49	.56	.58	.58	.58	.58	.58	.58	.68	.58
July 29	.27	.36	.68	.69	.70	.70	.70	.70	.70	.71	.71
Milwaukee, Wis.											
Apr. 29	.26	.38	.43	.48	.50	.59	.75	.76	.77	.77	.77
June 22	.21	.34	.43	.59	.82	1.10	1.42	1.71	2.01	2.39	2.64
Aug. 5	.40	.54	.69	.72	.76	.76	.76	.76	.77	.87	.87
Duluth, Minn.:											
June 2	.28	.32	.33	.34	.34	.34	.34	.34	.34	.34	.34
Sept. 17	.27	.35	.46	.58	.68	.75	.79	.79	.89	.91	.92
Sept. 23	.24	.47	.87	1.05	1.10	1.13	1.30	1.63	1.71	1.76	1.83
UPPER LAKE REGION—continued											
Moorhead, Minn.:											
July 28	0.35	0.48	0.72	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
July 30	.25	.35	.53	.57	.59	.61	.61	.61	.75	.78	.79
Aug. 2	.31	.48	.73	.80	1.11	1.37	1.40	1.41	1.41	1.41	1.41
Bismarck, N. Dak.:											
June 8	.28	.42	.49	.50	.52	.53	.53	.53	.53	.53	.53
June 21	.26	.41	.49	.61	.66	.66	.66	.66	.66	.66	.66
July 25	.49	.75	1.14	1.19	1.23	1.24	1.25	1.25	1.25	1.25	1.25
Devils Lake, N. Dak.:											
July 10	.27	.44	.57	.68	.72	.76	.77	.78	.79	.79	.79
July 18	.20	.40	.72	.85	.86	.87	.92	.98	.99	1.00	1.01
July 24	.32	.45	.47	.47	.49	.49	.49	.49	.49	.49	.49
July 27	.22	.38	.57	.71	.87	.93	.94	.95	.96	.96	.96
July 31	.21	.38	.64	.73	.88	.94	1.03	1.04	1.04	1.04	1.06
Aug. 15	.70	1.14	1.50	1.73	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Williston, N. Dak.:											
July 27	.27	.35	.37	.38	.38	.38	.38	.38	.38	.38	.38
UPPER MISSISSIPPI VALLEY											
Minneapolis, Minn.:											
June 3	.42	.76	.98	1.02	1.03	1.03	1.04	1.04	1.04	1.06	1.08
June 7	(2)	(2)	[2].48	[2].58	[2].73	[2].78	[2].86	[2].95	[2]1.01	[2]1.10	[2]1.21
July 10	.21	.37	.47	.50	.50	.51	.52	.60	.62	.62	.88
LaCrosse, Wis.:											
Apr. 2	.18	.32	.54	.72	.87	.93	.95	.96	.97	.97	.98
June 7	.25	.50	.91	.96	.97	1.11	1.43	1.68	1.76	1.87	1.93
July 10	.27	.45	.61	.80	.80	.81	.81	.82	.82	.82	.82
Aug. 1	.24	.49	.91	1.18	1.30	1.38	1.43	1.60	1.71	1.73	1.73
Aug. 14	.27	.39	.66	.71	.72	.72	.72	.72	.72	.72	.72
Aug. 16	.18	.27	.42	.60	.65	.65	.67	.68	.68	.68	.68
Madison, Wis.:											
May 24	.28	.30	.47	.48	.52	.68	.73	.76	.76	.76	.76
June 18	.21	.28	.54	.63	.64	.64	.64	.64	.64	.64	.64
June 22	.38	.59	1.01	1.32	1.74	1.90	1.98	2.03	2.07	2.14	2.16
July 25	.20	.32	.35	.35	.35	.35	.35	.35	.35	.35	.35
July 26	.36	.56	.98	1.07	1.09	1.10	1.12	1.15	1.18	1.20	1.21
Aug. 17	.32	.57	.60	.61	.61	.61	.61	.61	.61	.61	.61
Charles City, Iowa:											
June 22–23	(2)	(2)	(2)	(2)	(2)	[2]1.40	(2)	(2)	[2]1.60	[2]1.60	[2]1.60
July 10	.37	.69	1.07	1.37	1.42	1.45	1.57	1.64	1.71	1.75	1.75
July 26	[3].42	[3].73	[3]1.11	[3]1.32	[3]1.60	[3]2.28	[3]2.36	[3]2.47	[3]3.09	[3]3.29	[3]3.29
July 28	.18	.33	.45	.61	.67	.68	.74	.98	1.16	1.20	1.24
Aug. 1	.46	.73	.90	1.05	1.14	1.16	1.40	1.47	1.50	1.51	1.52
Aug. 24	.31	.39	.45	.53	.61	.77	.78	.83	.97	1.19	1.28
Sept. 22	.22	.30	.36	.43	.46	.46	.46	.48	.49	.50	.50
Oct. 28	.32	.34	.48	.50	.51	.54	.55	.55	.55	.56	.56
Davenport, Iowa:											
June 23	.27	.38	.56	.68	.75	.76	.76	.91	.96	.98	1.00
July 26	.20	.30	.34	.34	.34	.36	.36	.46	.63	.64	.66
Aug. 27	.49	.83	1.02	1.03	1.03	1.14	1.15	1.15	1.3	3.41	1.41
Sept. 9	.21	.32	.40	.47	.72	.73	.76	.86	.96	1.11	1.27
Oct. 28	.24	.38	.57	.63	.64	.64	.65	.65	.65	.65	.89
Des Moines, Iowa:											
July 8	.25	.37	.50	.56	.61	.64	.65	.66	.67	.68	.68
July 30	.34	.67	.96	1.07	1.14	1.18	1.20	1.25	1.32	1.41	1.50
Aug. 13	.22	.40	.74	1.04	1.43	1.65	1.70	1.75	1.76	1.78	1.82
Oct. 28	.35	.40	.45	.46	.68	.83	.88	.88	.88	.88	.88
Dubuque, Iowa:											
June 9	.43	.75	.91	.93	1.02	1.03	1.28	1.33	1.50	1.52	1.52
June 18	.26	.48	.81	.90	.91	.93	.93	.93	.93	.94	.94
June 23	.20	.34	.46	.54	.62	.79	.97	1.24	1.36	1.74	1.94
June 28	.34	.47	.67	.73	.75	.75	.75	.75	.75	.75	.75
July 26	.20	.25	.33	.53	.67	.78	.82	.82	.82	.82	.82
Aug. 1	.21	.33	.49	.49	.58	.61	.63	.65	.65	.65	.65
Sept. 23–24	.16	.28	.48	.50	.52	.56	.61	.63	.68	.71	.71
Keokuk, Iowa:											
June 18	.19	.35	.53	.57	.59	.60	.60	.60	.60	.60	.60
July 26–27	.23	.33	.56	.72	1.00	1.17	1.22	1.31	1.63	1.69	1.69
Aug. 10	.16	.23	.38	.56	.67	.81	.84	.85	.87	.90	.91
Aug. 17	.47	.88	1.42	1.58	1.69	1.74	1.80	1.86	1.90	1.97	2.01
Oct. 28	.28	.40	.43	.43	.44	.45	.46	.46	.46	.46	.46
Cairo, Ill.:											
Apr. 17	.29	.40	.67	.74	.74	.75	.75	.76	.76	.76	.77
Apr. 30	.62	.93	1.27	1.51	1.67	1.68	1.68	1.73	1.17	3.74	1.76
Apr. 30	.20	.34	.37	.41	.47	.52	.56	.58	.58	.58	.58
June 28	.42	.66	.91	1.14	1.32	1.39	1.42	1.43	1.14	5.46	1.51
July 11–12	.15	.28	.47	.62	.68	.70	.76	.82	.86	.88	.89
Sept. 24	.15	.22	.36	.51	.54	.55	.60	.77	.84	.95	1.02
Nov. 5	.18	.32	.46	.47	.53	.58	.67	.73	.75	.80	.91
Peoria, Ill.:											
Mar. 2	.21	.22	.23	.24	.26	.30	.36	.44	.53	.60	.60
Apr. 17	.11	.18	.25	.28	.32	.38	.48	.50	.52	.58	.66

For footnotes see end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1940 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 MISSISSIPPI VALLEY—con.											
Peoria Ill.—Con.											
Apr. 29	0.33	0.55	0.70	0.74	0.74	0.75	0.75	0.78	0.78	0.82	0.82
June 11	.47	.88	1.32	1.78	2.19	2.23	2.28	2.28	2.28	2.28	2.28
Aug. 3	.27	.39	.47	.47	.48	.48	.48	.48	.48	.48	.48
Aug. 17	.25	.42	.58	.81	.83	.85	.90	.94	.99	1.04	1.07
Oct. 6	.19	.28	.46	.68	.75	.85	.92	1.00	1.03	1.19	1.31
Springfield, Ill.:											
June 11	.27	.53	.53	.57	.58	.58	.61	.64	.64	.64	.64
St. Louis, Mo.:											
June 11	.29	.42	.44	.48	.48	.49	.50	.51	.51	.51	.55
Aug. 3	.19	.32	.53	.66	.69	.70	.70	.70	.70	.70	.70
Aug. 17	.35	.65	1.06	1.21	1.23	1.23	1.25	1.25	1.25	1.25	1.25
Oct. 6	.22	.35	.46	.51	.55	.60	.66	.71	.75	.79	.85
MISSOURI VALLEY											
Columbia, Mo.:											
June 23	.28	.39	.77	.82	.84	.86	.88	.91	.96	1.00	1.01
June 23	.17	.25	.30	.45	.57	.79	1.01	1.15	1.26	1.38	1.44
July 21	.31	.48	.53	.54	.56	.57	.58	.59	.59	.59	.59
Aug. 10	.40	.60	.83	.87	.96	1.00	1.05	1.31	1.40	1.43	1.43
Aug. 16	.30	.51	.88	1.05	1.11	1.11	1.11	1.13	1.14	1.14	1.14
Oct. 6	.42	.66	.82	.90	.91	.91	.92	.97	1.02	1.11	1.12
Kansas City, Mo.:											
Aug. 8	1.24	1.41	1.64	1.92	1.05	1.07	1.08	1.09	1.11	1.11	1.11
Aug. 11	.33	.46	.49	.53	.55	.57	.60	.61	.61	.61	.61
Aug. 26–27	.36	.58	.88	1.01	1.07	1.07	1.07	1.07	1.08	1.24	1.38
St. Joseph, Mo.:											
May 7	.22	.32	.36	.37	.39	.41	.41	.41	.42	.42	.42
May 20	.20	.26	.54	.70	.80	.88	.91	.94	.95	.99	1.05
July 11	.21	.36	.64	.68	.70	.73	.78	1.17	1.20	1.21	1.22
July 27	.23	.40	.45	.46	.71	.79	.80	.80	.81	.81	.81
Aug. 8	.16	.28	.41	.50	.54	.54	.54	.73	.76	.83	.89
Aug. 26	.31	.55	.81	1.11	1.41	1.65	1.70	1.73	1.73	1.74	1.84
Springfield, Mo.:											
Apr. 17	.24	.45	.60	.62	.70	.70	.70	.70	.70	.70	.70
May 18	.37	.60	.75	.81	.90	.92	.94	.94	.95	.97	.90
July 22	.26	.48	.74	1.01	1.18	1.31	1.63	1.66	1.80	1.96	2.08
Aug. 29	.22	.39	.59	.64	.66	.67	.67	.67	.67	.67	.67
Sept. 24	.17	.26	.40	.60	.81	1.05	1.30	1.35	1.40	1.45	1.46
Topeka, Kans.:											
May 17	.24	.40	.54	.66	.80	.92	1.02	1.11	1.15	1.43	1.49
June 23	.32	.40	.41	.41	.56	.61	.61	.63	.65	.68	.69
Aug. 8	.17	.28	.48	.61	.72	.83	.92	.98	1.06	1.19	1.25
Aug. 25	.29	.56	.97	1.09	1.15	1.16	1.17	1.21	1.26	1.29	1.29
Oct. 14	.20	.31	.42	.48	.58	.63	.69	.73	.77	.77	.78
Lincoln, Nebr.:											
June 7	.25	.43	.54	.58	.60	.61	.61	.61	.61	.61	.62
July 30	.21	.33	.46	.49	.51	.51	.56	.56	.57	.68	.70
Aug. 2	.29	.42	.55	.65	.70	.70	.75	.76	.76	.76	.76
Aug. 3	.37	.51	.58	.58	.58	.58	.58	.58	.58	.58	.58
Aug. 4	.24	.42	.62	.65	.78	.83	.86	.89	.89	.89	.89
Sept. 6	.33	.46	.58	.65	.70	.71	.71	.78	.88	.89	.89
Omaha, Nebr.:											
May 20	.21	.35	.42	.42	.43	.43	.43	.43	.43	.52	.53
June 4	.22	.42	.57	.64	.67	.67	.68	.68	.68	.68	.68
Aug. 4	.36	.53	.55	.56	.56	.57	.57	.59	.64	.72	.73
Aug. 11	.17	.32	.58	.73	.80	.85	.90	.96	1.01	1.09	1.11
Aug. 25	.27	.37	.60	.86	.92	.92	.96	.98	.98	.99	.99
Valentine, Nebr.:											
Apr. 27	.23	.32	.46	.48	.55	.56	.58	.65	.67	.70	.75
June 22	.22	.37	.43	.45	.45	.45	.45	.45	.45	.45	.45
July 20	.17	.29	.46	.56	.60	.63	.68	.69	.70	.71	.71
July 30	.15	.25	.40	.47	.49	.50	.50	.50	.50	.50	.50
July 31	.26	.44	.64	.83	.90	.98	1.03	1.04	1.07	1.13	1.14
Aug. 4	.29	.37	.41	.42	.43	.43	.43	.43	.43	.43	.43
Sept. 20	.24	.41	.52	.71	.75	.75	.76	.83	.85	.85	.85
Sioux City, Iowa:											
Mar. 28	.37	.62	.78	1.07	1.48	1.53	1.56	1.59	1.60	1.61	1.61
June 3	.39	.62	1.17	1.34	1.56	1.73	2.05	2.40	2.43	3.18	3.57
July 28	.26	.40	.51	.59	.61	.62	.63	.64	.64	.68	.87
Aug. 12	.26	.36	.46	.47	.48	.48	.49	.50	.50	.50	.50
Aug. 17	.39	.46	.50	.51	.51	.51	.51	.51	.51	.51	.51
Aug. 26	.33	.64	1.10	1.21	1.24	1.26	1.31	1.38	1.41	1.42	1.43
Sept. 7	.43	.74	1.25	1.94	2.11	2.11	2.11	2.11	2.11	2.14	2.14
Huron, S. Dak.:											
May 13	.31	.32	.32	.32	.34	.35	.35	.39	.39	.39	.96
Aug. 17	.22	.35	.62	.67	.70	.72	.77	.80	.83	.85	.38
NORTHERN SLOPE											
Havre, Mont:											
June. 3	.43	.71	1.05	1.34	1.36	1.36	1.36	1.36	1.36	1.36	1.36
NORTHERN SLOPE—continued											
Helena, Mont.:											
July 15	0.18	0.32	0.47	0.48	0.48	0.49	0.49	0.51	0.52	0.53	0.53
Kalispell, Mont.:											
July 15	.23	.40	.48	.50	.57	.59	.63	.68	.69	.71	.71
Miles City, Mont.:											
May 4	.25	.33	.36	.36	.36	.36	.36	.36	.36	.36	.36
July 27	.78	.94	.98	.98	.98	.98	.98	.98	.98	.98	.98
Rapid City, S. Dak.:											
June 22	.14	.24	.44	.63	.72	.75	.75	.75	.75	.75	.75
Oct. 1	.21	.33	.41	.44	.45	.48	.54	.58	.59	.59	.59
Sheridan, Wyo.:											
July 16	.20	.35	.39	.42	.47	.48	.50	.51	.52	.52	.52
Cheyenne, Wyo.:											
July 2	.07	.14	.71	.81	.85	.87	.87	.89	.93	.97	1.01
Aug. 22	.18	.36	.45	.52	.53	.54	.54	.54	.54	.54	.54
Sept. 20	.21	.33	.51	.59	.61	.62	.62	.63	.66	.75	1.01
North Platte, Nebr.:											
June 5	.24	.35	.44	.47	.63	.72	.86	.97	1.00	1.02	1.02
MIDDLE SLOPE											
Concordia, Kans.:											
Aug. 3	.26	.45	.67	.93	1.04	1.08	1.14	1.17	1.18	1.18	1.18
Dodge City, Kans.:											
Apr. 28	.51	.85	.87	.88	1.02	1.03	1.03	1.03	1.03	1.03	1.03
June 6	.46	.78	1.16	1.40	1.62	1.64	1.64	1.64	1.64	1.64	1.64
July 1	.18	.33	.61	.77	.85	.88	.91	.91	.91	.92	.92
Aug. 7	.35	.67	1.16	1.49	1.74	1.89	2.10	2.14	2.17	2.26	2.33
Aug. 30	.22	.33	.48	.61	.70	.77	.82	.87	.92	.98	1.02
Wichita, Kans.:											
Apr. 16–17	.12	.22	.32	.49	.55	.71	1.02	1.08	1.10	1.11	1.12
Apr. 25–26	.21	.28	.42	.48	.56	.59	.82	1.02	1.11	1.28	1.50
May 8	.16	.27	.45	.58	.71	.93	1.14	1.28	1.30	1.39	1.43
May 17	.26	.43	.63	.75	1.00	1.15	1.33	1.49	1.57	1.79	1.79
June 9	.27	.41	.83	1.14	1.34	1.62	2.15	2.23	2.24	2.25	2.25
June 17	.32	.52	.78	.93	1.03	1.04	1.05	1.07	1.14	1.15	1.15
Aug. 3	[3].24	[3].40	[3].48	[3].48	[3].48	[3].48	[3].48	1.34	1.34	1.34	1.34
Sept. 4	.27	.50	.84	1.10	1.52	1.83	2.32	2.88	3.04	3.48	3.52
Oklahoma, City, Okla.:											
May 8	.28	.48	.77	.93	1.08	1.15	1.18	1.22	1.25	1.28	1.32
May 21	.28	.45	.78	.95	1.15	1.20	1.21	1.21	1.21	1.21	1.21
July 1–2	.46	.84	1.49	1.97	2.55	2.96	3.23	3.29	3.31	3.35	3.42
Aug. 15	.36	.68	1.03	1.21	1.35	1.39	1.39	1.39	1.39	1.39	1.39
Sept. 4	.22	.39	.70	.86	1.18	1.28	1.30	1.43	1.62	1.63	1.65
SOUTHERN SLOPE											
Del Rio, Tex.:											
May 22	.34	.55	.70	.71	.71	.72	.72	.72	.73	.73	.73
June 8–9	.25	.42	.81	1.17	1.38	1.72	1.74	1.75	1.77	1.83	1.84
June 24	.25	.49	.91	1.00	1.04	1.07	1.08	1.08	1.08	1.09	1.09
Aug. 13	.32	.63	1.01	1.14	1.25	1.28	1.31	1.38	1.44	1.54	1.58
Roswell, N. Mex.:											
June 28	.33	.59	1.00	1.43	1.93	2.19	2.31	2.34	2.35	2.36	2.36
July 28	.25	.37	.47	.52	.57	.58	.58	.59	.59	.61	.63
SOUTHERN PLATEAU											
El Paso, Tex.:											
June 20	.21	.42	.74	.93	1.11	1.19	1.24	1.28	1.29	1.29	1.29
Albuquerque, N. Mex.:											
June 22–23	.16	.27	.40	.58	.71	.80	.89	.95	.98	1.00	1.01
Aug. 2	.23	.35	.53	.57	.58	.58	.58	.58	.59	.59	.59
Aug. 19	.24	.32	.42	.53	.58	.59	.72	.78	.80	.86	.86
MIDDLE PLATEAU											
Ely, Nev.:											
Sept. 7	.26	.27	.27	.27	.27	.27	.30	.33	.33	.33	.33
Reno, Nev.:											
July 18	.18	.30	.38	.41	.42	.43	.43	.44	.44	.44	.44
NORTHERN PLATEAU											
Pocatello, Idaho:											
Sept. 12	.27	.38	.44	.47	.50	.50	.50	.50	.50	.50	.64
Yakima, Wash.:											
Sept. 14	.26	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27

For footnotes see end of table.

TABLE 14.—*Maximum precipitation for stated intervals during 1940 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.:											
Aug. 27	0.15	0.27	0.49	0.65	0.80	0.82	0.84	0.84	0.84	0.84	0.84
Oct. 31	.28	.38	.41	.41	.41	.42	.44	.44	.44	.44	.45
Portland, Oregon:											
Sept. 26	.28	.34	.38	.39	.46	.50	.55	.58	.63	.75	.87
MIDDLE PACIFIC COAST REGION											
Eureka, Calif.:											
Oct. 2	.20	.32	.47	.48	.50	.51	.51	.52	.53	.53	.54
Redding, Calif.:											
Jan. 9	.19	.31	.46	.58	.71	.78	.80	.81	.81	.81	1.01
Feb. 26	.17	.29	.47	.62	.95	1.18	1.38	1.48	1.58	1.84	2.13
Feb. 27	.22	.38	.57	.68	.79	.86	1.01	1.09	1.14	1.25	1.37
Dec. 18	.14	.24	.42	.53	.64	.71	.78	.85	.87	.96	.99
San Francisco, Calif.:											
Feb. 28	.23	.37	.44	.54	.61	.63	.64	.64	.64	.67	.71
SOUTH PACIFIC COAST REGION											
Los Angeles, Calif.:											
Feb. 29	0.23	0.32	0.34	0.34	0.35	0.45	0.46	0.46	0.46	0.46	0.47
San Diego, Calif.:											
Dec. 17	.19	.34	.49	.65	.79	.88	.96	1.00	1.03	1.15	1.19
ISLAND POSSESSIONS											
San Juan, P. R.:											
Apr. 17	.32	.61	.80	.85	.88	.88	.89	.90	.92	.99	1.00
Apr. 29	.32	.54	.89	1.20	1.68	1.94	2.16	2.29	2.53	3.09	3.31
May 3	.27	.45	.83	.88	.91	.91	.91	.91	.91	.91	.92
Dec. 8	.30	.56	.75	.76	.76	.76	.76	.76	.76	.76	.76
Dec. 9	.37	.66	.87	.88	.89	.89	.89	.89	.89	.89	.90
Honolulu, T. H.:											
May 11	.25	.40	.43	.47	.49	.49	.49	.55	.69	.75	.75
Nov. 19	.22	.31	.48	.63	.77	.88	1.03	1.16	1.22	1.23	1.23
Nov. 20	.33	.56	.90	1.08	1.24	1.30	1.41	1.48	1.53	1.99	2.17
ALASKA											
Fairbanks, Alaska:											
June 11	.29	.45	.54	.59	.61	.62	.66	.67	.67	.67	.67

[1] Amounts estimated.
[2] Automatic instrument not recording, part of record estimated.
[3] Estimated, incomplete record.

NOTE.—The following stations had no excessive precipitation during the year 1940: New England States, Portland, Maine, and Block Island, R. I.; Lower Lake Region, Cleveland, Ohio; Upper Lake Region, Sault Ste. Marie, Mich.; Northern Slope, Billings and Missoula in Montana and Yellowstone Park and Lander in Wyoming; Middle Slope, Denver and Pueblo, Colorado; Southern Slope, Abilene and Amarillo, Tex.; Southern Plateau, Santa Fe, N. Mex., and Phoenix and Yuma in Ariz.; Middle Plateau, Grand Junction, Colo., Winnemucca, Nev., and Modena and Salt Lake City in Utah; Northern Plateau, Baker Oreg., and Boise, Idaho, Spokane and Walla Walla in Washington; North Pacific Coast Region, Roseburg, Oreg., and Seattle, Tacoma, and Tatoosh Island in Washington; Middle Pacific Coast Region, Sacramento, Calif.; South Pacific Coast Region, Fresno, Calif.; and in Alaska, Anchorage, Juneau, and Nome.

Excessive precipitation data for the years 1931 and 1932 and for 1933 and 1934 appear, respectively, in the 1933-34 and 1934-35 issues of the Report of the Chief of the Weather Bureau.

MONTHLY AND ANNUAL EVAPORATION, 1940

The monthly and annual amounts of evaporation during the year 1940 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 1940*

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ALABAMA													
Fairhope	1.80	2.08	3.70	4.25	6.90	5.56	4.86	5.64	5.19	3.79	2.33	1.67	47.77
ARIZONA													
Bartlett [1]						17.20	18.20	15.77	11.01	8.98	5.65	3.90	
Mesa	3.31	3.72	6.72	8.22	11.47	12.28	12.08	11.38	7.37	5.29	3.54	2.09	87.47
Roosevelt	1.83	2.92	6.18	8.06	12.13	15.23	15.06	12.25	8.18	5.64	2.44	1.43	91.35
Sierra Ancha	1.83	2.65	5.38	6.24	9.24	10.64	11.30	8.45	6.59	5.12	2.67	2.11	72.22
University of Arizona (Tucson)	2.67	3.42	7.06	9.21	12.19	11.98	12.65	10.52	7.18	6.14	3.07	1.48	87.57
Yuma (citrus)	4.02	4.71	8.66	10.52	13.46	15.16	15.71	15.08	10.28	7.76	5.26	3.86	114.48
Yuma (valley)	3.76	4.59	7.87	9.78	11.94	14.52							
ARKANSAS													
Hope	2.34	2.54	4.58	6.43	6.69	6.57	7.39	6.56	5.68	5.98	3.08	2.24	60.08
Mena (Irons Fork)	3.62	1.16	2.90	3.99	4.75	4.12	4.39	4.04	3.40	2.71	1.13	.65	36.86
Russellville	1.29	2.42	4.19	5.10	7.62	7.20	7.39	6.74	5.32	4.41	1.80	1.44	54.92
Stuttgart	.59	1.28	3.34	4.41	5.83	5.73	5.53	5.50	4.77	3.87	1.68	1.12	43.65
CALIFORNIA													
Alvorado	1.52	2.10	3.46	5.04	6.65	7.42	7.93	6.89	5.19	3.61	1.76	2.03	53.60
Beaumont [2]	2.97	3.48	5.75	5.90	9.91	12.36	15.02	13.73	9.50			4.25	
Chula Vista	2.40	3.37	5.04	6.54	7.08	6.76	7.92	7.19	5.92	5.17	4.14	2.92	64.45
Davis	1.11	1.92	3.68	5.25	7.98	9.43	9.64	8.43	6.68	4.22	2.19	1.91	62.44
Fall River Mills	.77	1.17	2.93	4.68	7.29	10.28	11.38	10.78	5.18	3.00	1.52	1.18	60.16
Friant (Government Camp) [3]			4.63	6.24	11.68	14.87	15.59	13.64	8.47	6.21	2.51	2.45	
Lodi	1.00	1.97	3.72	5.34	9.05	11.41	11.41	9.91	6.83	4.04	1.92	1.37	67.97
Mojave (Backus Ranch)	2.38	3.67	7.79	9.73	15.32	20.36	21.09	20.54	11.90	8.56	4.50	2.95	128.79
Oakdale		1.35	3.04	4.54		13.89	13.41	12.13	6.92	4.72	2.29	1.35	
Tahoe					3.60	3.83	4.33	4.69	2.66	1.26			
Valley Springs (Camp Pardee) [1]					8.04	10.63	12.03	10.46	6.88	4.39	1.61	1.40	

For footnotes see end of table.

TABLE 15.—*Monthly and annual evaporation, in inches, at class A stations for 1940*—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
COLORADO													
Conejos Dam [6]						7.85	7.19	6.14	3.61	2.45			
Wagon Wheel Gap [6]					7.01	8.92	7.36	6.98	4.17	4.11			
FLORIDA													
Hiawassa Experiment	2.92	4.16	5.28	6.36	9.11	6.51	7.50	7.01	5.23	5.59	3.91	2.84	66.42
GEORGIA													
Experiment	1.94	1.99	3.99	5.57	8.15	7.73	6.31	6.97	6.27	4.78	2.79	1.79	58.28
Tifton	1.92	2.87	4.50	6.16	8.46	6.88	6.32	5.82	5.84	3.95	3.12	1.76	57.60
HAWAII													
Pahala	3.96	4.63	4.93	5.02	5.62	5.57	6.56	6.35	4.63	4.68	4.05	3.94	59.94
Waianae	3.90	4.64	5.79	6.56	6.97	7.94	9.04	9.10	7.49	6.02	4.50	3.97	75.92
IDAHO													
Aberdeen				5.05	7.88	9.62	9.36	7.85	3.39				
Arrowrock					6.17	9.20	9.76	9.94	4.37	1.71			
Lifton				4.40	8.29	9.12	10.08	8.84	4.60	2.61			
Milner Dam				5.04	8.51	10.06	10.18	9.32	4.12	2.59			
Moscow				3.66	5.13	7.56	7.14	6.93	3.74	2.24			
INDIANA													
Indianapolis				3.68	4.97	6.26	8.62	7.73	4.36				
IOWA													
Ames				4.33	6.35	9.08	10.26	5.22	5.31	3.74			
Cherokee				3.67	6.73	8.87	9.29	5.39	5.74	4.26			
Clarinda			1.04	5.42	8.41	8.77	11.18	6.36	5.70	5.22	.79		
Iowa City				4.60	5.76	7.67	9.36	5.58	4.98	3.89			
KANSAS													
Hays				9.06	11.25	13.87	16.98	10.32	9.23	7.45			
Manhattan (Agronomy Farm)				7.86	8.32	10.25	15.23	9.74	6.68	6.39			
Tribune				6.50	8.12	11.11	13.69	9.25	6.48				
KENTUCKY													
Eadsville (Lock No. 21, Cumberland R.)		1.09	2.54	3.89		5.63		5.39	3.69	2.39	1.50	.82	
LOUISIANA													
Hackberry	2.99	3.21	4.32	4.96	7.57	7.23	7.11	7.18	6.70	4.15	3.52	2.09	61.06
MICHIGAN													
Germfask					4.11	5.85	6.62	4.53	2.51	1.42			
MISSISSIPPI													
Vicksburg	1.43	1.58	4.16	4.73	6.21	5.51						1.37	
MISSOURI													
Lakeside			3.29	5.35	6.79	6.58	8.23	5.84	4.82	3.98	1.86	1.10	
Washington University (St. Louis)			2.24	3.84	5.53	6.42	7.73	5.65	5.14	3.83	1.42	.80	
MONTANA													
Agricultural College				2.99	7.02	6.86	7.87	8.24	4.52	2.64			
Fort Peck				1.13	7.76	9.40	9.78	11.05	6.81	3.02			
Malta					7.46	7.33	7.91	7.68	5.22	2.74			
Sherburne Lake					6.71	7.20	7.83	7.98	4.71	4.20			
Valier						8.52	7.43	10.17	7.11	3.74			
NEBRASKA													
Bridgeport				3.83	7.19	9.16	9.40	7.74	4.74	3.35			
Keystone Dam				4.70	9.10	12.30	12.84	9.19	6.34	4.72			
Lincoln				4.44	6.21	8.41	11.42	6.15	5.82	4.58			
NEVADA													
Boulder City	2.70	4.83	9.10	10.60	15.70	17.30	19.85	17.72	11.19	7.65	5.05	2.29	123.98
Lamoille				3.54	7.67	9.86	13.09	11.62	5.24	4.26			
Rye Patch Dam [7]							15.51	15.17	8.28	5.11			
NEW JERSEY													
Canoe Brook					3.31	4.43	5.41	3.20	3.17				
Pleasantville			2.80	3.50	5.10	6.71	7.19	4.83	4.46	2.37	1.90		
Runyon					4.22	5.70	6.05	4.54	4.06	2.08	1.58		
NEW MEXICO													
Agricultural College	2.43	4.29	7.88	9.64	10.54	11.33	11.76	10.12	8.45	5.93	2.98	2.73	88.11
Alamogordo Dam	1.15	4.60	9.20	9.92	11.90	12.33	15.22	11.24	10.32	8.26	4.10	3.03	101.27
Conchas Dam	1.38	3.60	8.07	10.66	12.08	14.76	15.53	11.08	10.97	9.39	4.47	1.77	103.76
Elephant Butte	2.73	4.93	8.78	11.04	13.59	14.35	13.55	11.13	8.46	7.53	4.28	3.18	103.55
El Vado Dam				5.54	8.13	9.22	10.12	8.19	5.84	4.96			

For footnotes see end of table.

TABLE 15.—*Monthly and annual evaporation, in inches, at class A stations for 1940*—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
NEW MEXICO—con.													
Florida							11.91	10.69	8.76	4.89	4.58	2.93	
Jornada	2.61	4.38	8.00	10.06	12.02	13.01	12.69	11.45	8.62	6.36	3.43	2.52	95.15
Lake McMillan [8]	2.64	4.54	8.71	11.53	11.51	12.30	13.96	12.16	11.31	7.99	4.04	3.54	104.23
Las Vegas				7.73	9.27	10.57	9.44	7.29	6.56	6.38	4.14		
Navajo				8.20	14.01	14.29	12.99	10.88	6.54	5.72			
Portales	1.42	4.36	8.48	9.16	10.05	11.52	14.78	8.92	10.25	6.96	4.79	2.81	93.50
Roswell No. 2 [9]		3.52	6.25	6.23	10.20	9.59	9.20	7.64	6.84	6.71	3.26	2.24	
Therma (Eagles Nest)					6.93	7.80	6.95	7.38	3.95	4.51			
NEW YORK													
Ithaca					4.91	5.09	5.40	5.20	3.14	2.26			
Voorheesville					4.03	4.90	5.36	5.45	3.30	2.10			
NORTH CAROLINA													
Chapel Hill		1.39	2.46	3.48	5.17	5.53	4.86	3.71	3.13	2.12	0.95	0.60	
OHIO													
Charles Mill Dam [10]				3.64	4.78	5.50	7.42	6.17	3.88	2.97			
Dayton				3.74	5.13	6.02	7.83	6.47	4.36				
Ohio State Univ				3.61	4.00	4.92	5.69	5.28	3.32	2.18			
Senecaville Dam [11]				4.42	5.56	6.21	7.13	6.15	3.80	2.37			
Wooster					4.47	5.67	6.92	5.65	3.45				
OKLAHOMA													
Norman			6.45	6.96	7.68	7.77	9.32	7.58	6.24	5.83	1.81		
Tipton		4.97	8.77	8.58	10.23	10.74	14.88	10.63	9.28	7.23	2.59	2.18	
OREGON													
Corvallis				2.51	4.51	5.47	5.81	6.22	2.74				
Medford			2.56	3.89	6.74	8.20	9.37	8.38	3.92	1.71	.47		
Warmspring Reservoir				4.74	8.81	11.75	11.57	11.69	5.13				
PUERTO RICO													
San Juan	5.54	6.32	8.27	8.12	6.76	7.44	8.37	8.35	7.14	5.88	6.25	6.01	84.45
TENNESSEE													
Lock A		.70	2.60	4.55		6.36		6.08		3.66	1.70	1.56	
TEXAS													
Austin	1.77	2.94	4.91	5.46	7.24	7.73	7.88	7.61	6.43	4.74	2.46	1.89	61.06
Balmorhea [12]	1.36	4.28	7.24	8.83	8.57	8.19	9.22	7.49	7.84	5.81	2.62	2.19	73.64
Dilley	2.25	3.39	5.56	6.40	8.03	8.19	8.60	10.48	8.36	5.80	2.66	2.52	72.24
Fort Stockton [13]					11.39	11.20	11.74	9.38	9.71	7.29	3.97	3.47	
Grand Falls [14]	2.40	4.87	7.98	13.42	10.95	10.62	12.89	11.40	10.24	8.08	3.97	3.20	100.02
Red Bluff Dam	2.56					12.76	15.99	11.38	12.00	8.39		3.19	
Ysleta	2.65	4.89	8.67	10.93	12.67	11.77	13.01	10.59	9.13	6.03	3.10	2.80	96.24
UTAH													
Bear River Game Refuge					10.79	12.19	13.45	11.80	5.64	3.11			
Myton				6.82	8.95	11.17	10.28	8.93	4.04	3.49			
Utah Lake			3.64	5.58	10.17	11.85	12.38	10.94	5.70	4.55			
Piute Dam					10.35	12.30	11.90	9.82	5.82				
VIRGIN ISLANDS													
St. Croix	5.55	5.38	6.73	7.21	7.01	7.67	8.02	8.43	6.59	5.40	4.98	4.09	77.06
WASHINGTON													
Kachess Lake					5.29	6.46	7.19	6.42	3.38	1.25			
Walla Walla			2.65	3.53	6.62	9.07	9.80	9.67	4.37	2.41			
Wind River				3.18	5.54	6.85	6.60	6.25	3.14	1.20			
WEST VIRGINIA													
Clarksburg				3.00	4.46	5.10	5.41	4.92	2.83	1.73			
Wardensville				3.86	5.42	6.00	6.32	4.55	4.04	2.39			
WISCONSIN													
Marshfield					4.68	6.42	6.00	4.39	4.34	2.66			

[1] Station established Mar. 1, 1940.
[2] Station established July 1, 1939.
[3] Station established May 1, 1939.
[4] Station established June 30, 1926.
[5] Station established Apr. 21, 1940.
[6] Station established Apr. 18, 1940.
[7] Station established July 1, 1940.
[8] Station established Jan. 1, 1940.
[9] Station established Jan. 28, 1940.
[10] Station established Mar. 31, 1939.
[11] Station established Mar. 31, 1939.
[12] Station established Jan. 12, 1940.
[13] Station established Apr. 19, 1940.
[14] Station established Jan. 9, 1940.

ANNUAL METEOROLOGICAL SUMMARIES, 1940

MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR 190 STATIONS FOR 1940

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.

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 amount 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.

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 Alaska stations and at Honolulu the mean is printed uncorrected. The extremes are determined, wherever possible, from the barograph trace.

Temperature.—The temperature of the air at 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 monthly means of the dew point and relative humidity are given as computed directly from the original daily observations.

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

The sum total of the depth of rain and melted snow is measured to within 0.01 inch at time of daily observations. The total precipitation is determined from the amounts recorded daily, midnight to midnight, standard of time in local use.

The number of days that were clear, as given under "Number of days, etc.," includes those on which the daylight cloudiness was 0-, 1-, 2-, or 3-tenths; the days partly cloudy were those on which the daylight cloudiness was 4-, 5-, 6-, or 7-tenths; the cloudy days were those having 8-, 9-, or 10-tenths of cloudiness during daylight.

Wind.—The direction and velocity of the wind are recorded at nearly all the stations on what is known as the "triple register." On these instruments the direction of the wind is recorded every minute. The maximum velocities given are for 5-minute periods.

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

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

The number of days with light, moderate, thick and dense fog includes all of those on which fog occurred according to the following classifications: Light fog, horizontal range of visibility is not less than ⅝ mile, (3,300 feet); moderate fog, horizontal range of visibility lies within the limits, 5/16 mile (1,650 feet) to (but not including) ⅝ mile; thick fog, horizontal visibility lies within the limits, ⅓ mile (1,000 feet) to (but not including) 5/16 mile (1,650 feet), and dense fog, horizontal visibility is reduced to less than ⅓ 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 Dec. 31, 1940*

ABILENE, TEX.

City [ϕ=32°27′ N.; λ=99°44′ W. Airport [ϕ=32°26′ N.; λ=99°41′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In. (1)	In. (2)	In. (1)	In. (1)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (1)	° (2)	° (2)	° (2)	% (2)	% (1)	% (2)	% (2)	% (2)
January	28.35	30.22	28.78	27.65	29.8	26.1	40.5	38.2	27.3	24.5	33.7	32.6	47.8	25.0	36.4	74	8	23	21	24	24	23	74	80	54	57	66
February	28.16	29.99	28.55	27.74	41.4	38.8	51.4	51.5	38.0	36.2	43.5	43.1	58.8	36.9	47.8	89	25	34	33	34	34	34	76	80	58	57	68
March	28.10	29.90	28.61	27.80	51.7	47.0	66.7	67.3	43.7	41.5	50.6	49.9	73.8	45.8	59.6	95	28	34	35	34	30	33	53	64	32	27	44
April	28.09	29.88	28.85	27.65	58.0	53.4	71.0	71.3	50.1	48.1	55.9	55.2	78.5	52.2	65.4	98	28	42	43	43	41	42	60	70	42	40	53
May	28.12	29.89	28.43	27.80	66.1	61.9	79.2	79.4	58.7	57.7	64.0	63.6	84.7	61.8	73.2	97	51	54	55	55	53	54	66	78	46	46	59
June	28.12	29.88	28.34	27.93	69.7	66.5	80.6	81.5	65.2	64.0	69.2	68.9	87.0	66.0	76.5	95	55	63	63	63	63	63	80	88	58	55	70
July	28.19	29.95	28.39	27.99	76.9	71.1	88.5	90.3	68.0	66.9	71.3	70.2	95.3	72.1	83.7	102	60	64	65	63	60	63	65	81	44	37	57
August	28.15	29.91	28.45	27.91	74.1	69.7	87.2	87.5	66.6	64.9	71.3	70.0	93.8	70.3	82.0	104	57	63	62	63	61	62	69	79	45	42	59
September	28.22	29.99	28.46	28.00	69.0	65.2	82.4	80.8	61.1	60.1	66.5	65.2	88.0	65.3	76.6	97	46	56	57	57	56	56	65	75	44	45	57
October	28.23	30.02	28.57	27.92	61.6	57.9	77.1	72.8	54.1	53.2	61.9	58.9	81.9	56.5	69.2	93	37	48	49	51	48	49	62	74	43	45	56
November	28.28	30.11	28.77	27.77	46.8	44.0	57.1	53.5	43.5	41.5	48.8	46.9	62.9	41.6	52.2	78	19	40	39	40	40	40	77	82	58	63	70
December	28.22	30.06	28.58	27.49	42.4	40.5	53.0	49.4	40.1	38.8	46.1	44.5	58.1	38.5	48.3	74	24	38	37	40	39	38	84	88	63	71	76
Year	28.19	29.98	28.85	27.49	57.3	53.5	69.6	68.6	51.4	49.8	56.9	55.8	75.9	52.7	64.2	104	8	47	47	47	46	46	69	78	49	49	61

ALBANY, N. Y.

Airport [ϕ=42°45′ N.; λ=73°48′ W.]

	(1)		(1)	(1)																							
January	29.90	30.00	30.43	29.42	13.6	11.5	20.3	17.3	12.3	10.4	17.3	15.4	22.5	7.4	15.0	40	−9	8	6	7	9	8	76	78	55	69	69
February	29.86	29.96	30.37	29.04	21.0	17.9	26.6	24.2	19.5	16.5	23.5	21.9	30.2	13.3	21.8	40	−13	16	13	16	16	15	79	79	62	69	72
March	29.83	29.93	30.46	29.38	25.1	22.9	30.9	28.1	23.2	21.3	26.8	25.5	33.8	19.7	26.8	58	−4	18	17	18	19	18	74	75	56	67	68
April	29.83	29.94	30.29	29.37	37.2	37.9	47.6	43.8	34.2	35.0	40.4	38.3	50.8	32.6	41.7	76	21	30	31	31	31	31	75	75	57	63	68
May	29.81	29.92	30.15	29.38	53.0	53.4	65.4	61.3	49.5	49.6	55.1	53.7	68.4	48.3	58.4	85	34	46	46	45	46	46	78	77	52	62	67
June	29.77	29.88	30.18	29.39	59.8	61.3	72.4	67.7	56.0	57.1	61.5	60.2	75.2	54.7	65.0	91	37	53	54	54	55	54	79	77	55	65	69
July	29.90	30.01	30.25	29.64	63.7	65.9	79.6	74.0	61.2	62.4	67.0	66.2	82.7	59.2	71.0	94	46	60	60	60	62	60	87	82	52	67	72
August	30.00	30.10	30.30	29.50	60.9	62.4	77.0	69.8	58.3	59.3	64.3	63.1	79.5	55.9	67.7	91	35	56	57	56	59	57	86	84	50	69	72
September	29.92	30.02	30.32	29.38	54.0	53.2	68.6	61.0	52.0	51.5	58.4	56.2	72.0	48.1	60.0	82	35	50	50	51	52	51	88	89	55	74	76
October	29.96	30.07	30.33	29.59	42.0	39.8	53.5	47.5	39.4	37.9	45.2	42.4	56.5	35.3	45.9	74	19	36	36	35	36	36	79	84	52	65	70
November	29.97	30.07	30.51	29.49	37.0	35.7	41.6	38.9	34.4	33.7	37.1	35.6	45.4	31.1	38.2	65	13	31	31	31	31	31	77	81	65	72	74
December	29.99	30.10	30.53	29.27	27.1	27.0	32.7	30.3	25.6	25.2	29.7	28.1	36.5	20.7	38.6	48	−9	22	21	24	24	23	81	78	68	76	76
Year	29.89	30.00	30.53	29.04	41.2	40.7	51.4	47.0	38.8	38.3	43.9	42.2	54.5	35.5	45.0	94	−13	36	35	36	37	36	80	80	57	68	71

ALBUQUERQUE, N. MEX.

Airport [ϕ=35°03′ N.; λ=106° 37′ W.]

	(1)		(1)	(1)																							
January	25.07	30.08	25.36	24.62	32.3	27.9	38.7	40.8	29.2	26.0	32.9	33.9	46.2	24.1	35.2	59	9	25	23	25	24	24	73	80	56	52	65
February	25.02	29.98	25.26	24.72	36.2	31.2	42.4	46.1	31.9	28.9	35.9	37.1	50.5	27.8	39.2	70	18	26	26	28	26	26	67	79	58	48	63
March	24.98	29.86	25.34	24.65	45.4	37.8	55.1	59.0	36.0	32.0	41.1	42.4	63.6	34.5	49.0	77	22	23	24	24	22	23	43	57	31	27	40
April	24.98	29.84	25.48	24.67	50.0	42.9	60.4	64.1	38.8	35.5	44.5	45.5	68.9	39.8	54.4	84	27	25	26	28	25	26	39	52	32	25	37
May	25.04	29.84	25.32	24.82	61.0	54.0	72.1	76.4	47.6	44.9	52.2	52.8	79.7	51.3	65.5	89	37	34	35	34	31	34	41	53	29	23	36
June	25.04	29.81	25.30	24.85	68.8	60.9	79.6	82.9	53.6	50.4	58.1	58.2	87.3	59.4	73.4	97	54	41	41	42	39	41	40	51	30	24	36
July	25.12	29.88	25.29	24.89	72.5	65.3	83.9	85.2	60.3	57.8	64.3	64.1	92.2	64.1	78.2	98	55	53	53	54	52	53	52	66	37	36	48
August	25.12	29.89	25.35	24.88	69.3	62.8	79.0	81.6	58.2	56.4	61.8	61.7	87.2	61.3	74.2	95	55	51	52	52	50	51	55	70	40	37	51
September	25.13	29.94	25.33	24.98	64.3	58.2	73.4	74.4	56.2	53.6	60.0	59.7	80.5	56.3	68.4	89	51	51	51	52	51	51	65	77	49	47	59
October	25.11	29.97	25.41	24.82	55.4	48.4	64.9	66.1	45.2	41.9	50.1	50.0	72.3	45.3	58.8	80	31	35	35	37	35	36	48	60	37	34	45
November	25.10	30.06	25.46	24.70	38.4	33.0	46.3	47.3	32.8	29.2	38.0	38.3	53.5	29.2	41.4	69	13	24	23	28	27	25	60	66	52	49	57
December	25.08	30.06	25.41	24.59	36.1	31.3	42.6	43.6	32.7	29.2	36.3	36.9	49.9	28.5	39.2	60	17	28	26	29	29	28	73	81	58	57	67
Year	25.07	29.93	25.48	24.59	52.5	46.1	61.5	64.0	43.5	40.5	47.9	48.4	69.3	43.5	56.4	98	9	35	35	36	34	35	55	66	42	38	50

ALPENA, MICH.

[ϕ=45°04′ N.; λ=83°30′ W.]

January	29.32	30.01	29.78	28.36	17.8	16.8	22.3	19.9	16.7	15.8	20.1	18.2	24.3	12.3	18.3	37	−5	14	13	14	13	14	84	84	69	74	78
February	29.39	30.08	29.90	28.82	20.8	18.7	27.0	24.5	19.6	17.6	24.2	22.6	29.1	15.2	22.2	36	4	17	15	18	18	17	83	84	67	75	77
March	29.32	30.01	29.87	28.89	22.7	20.4	28.1	26.1	21.1	19.1	24.6	23.3	30.9	17.6	24.2	57	3	18	16	16	17	17	80	82	60	66	72
April	29.35	30.03	29.83	28.83	34.9	33.8	42.3	41.2	32.0	31.2	36.2	35.6	46.2	30.2	38.2	74	18	28	27	26	28	27	74	76	55	60	66
May	29.23	29.90	29.60	28.71	47.0	45.8	53.4	51.7	44.1	43.3	47.5	47.2	57.8	42.3	50.0	74	32	41	40	42	42	41	81	83	66	73	76
June	29.21	29.88	29.61	28.51	57.4	58.2	63.8	63.0	54.1	53.8	56.2	56.4	69.4	51.9	60.6	92	40	52	50	50	51	51	82	77	64	68	73
July	29.41	30.07	29.69	28.96	63.3	64.9	73.1	70.5	59.2	60.2	63.4	62.8	77.0	59.1	68.0	89	47	56	57	57	58	57	79	77	59	66	70
August	29.42	30.09	29.69	29.09	63.4	63.3	70.8	67.6	60.6	60.3	64.0	62.7	73.2	59.8	66.5	84	42	59	58	60	60	59	85	84	69	77	79
September	29.42	30.08	29.84	28.87	55.5	54.0	64.9	60.1	53.7	52.4	57.8	56.2	67.5	51.1	59.3	89	36	52	51	53	53	52	89	90	66	79	81
October	29.42	30.09	29.71	29.01	45.4	43.9	53.4	48.2	43.0	42.1	47.1	44.8	55.2	40.7	48.0	77	29	40	40	41	41	41	83	86	65	77	78
November	29.36	30.05	29.80	28.42	33.4	32.3	36.8	34.4	32.0	30.8	34.1	32.6	39.7	28.6	34.2	58	15	30	28	30	30	30	86	84	76	82	82
December	29.38	30.07	29.94	28.70	26.8	25.3	29.9	27.8	25.7	24.5	28.3	26.6	32.7	22.4	27.6	43	−2	24	23	25	24	24	88	90	81	86	86
Year	29.35	30.03	29.94	28.36	40.7	39.8	47.2	44.6	38.5	37.6	42.0	40.8	50.2	35.9	43.1	92	−5	36	35	36	36	36	83	83	68	74	76

[1] Pressure at airport adjusted to the old (city) station elvation: 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, 1940*—Continued

ABILENE, TEX.

Airport [H=1,750 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	0.29	0.14	2.5	5.2	9.3	N.	34	W.	1	11	7	13	3	2	7	2	0	3	1	1	0	8	0	0	22	0	0
February	3.50	1.99	.2	5.9	11.7	S.	30	S.	0	8	8	13	9	6	3	1	0	5	1	1	0	0	0	0	9	0	4
March	.27	.15	.0	4.2	11.9	S.	34	SW.	2	16	10	5	3	2	0	0	1	1	0	0	0	0	1	1	3	0	3
April	1.53	1.33	.0	5.1	12.1	S.	30	N.	0	9	16	5	6	4	0	0	1	2	0	0	0	0	7	2	1	0	4
May	1.57	.75	.0	4.7	10.7	S.	28	SW.	0	11	15	5	9	6	0	0	0	0	0	0	0	0	10	2	0	0	5
June	3.93	.81	.0	5.9	9.7	S.	30	SW.	0	8	8	14	12	11	0	0	0	0	0	0	0	0	13	3	0	0	11
July	.12	.12	.0	3.2	10.4	S.	27	S.	0	17	11	3	1	1	0	0	0	0	0	0	0	0	26	22	0	0	1
August	2.26	1.14	.0	4.5	8.3	S.	24	SE.	0	13	12	6	8	6	0	0	0	0	0	0	0	0	25	12	0	0	9
September	.97	.41	.0	3.7	9.0	SE.	22	N.	0	20	3	7	7	4	0	0	0	1	0	0	0	0	16	2	0	0	3
October	.65	.55	.0	4.1	9.6	S.	24	S.	0	14	10	7	2	2	0	0	0	0	0	0	0	0	3	0	0	0	2
November	3.26	1.31	.0	5.9	9.8	S.	29	S.	0	11	3	16	9	8	0	0	0	5	0	0	0	0	0	0	4	0	4
December	1.68	.47	T	5.9	8.9	S.	31	N.	0	10	5	16	8	8	1	0	0	7	1	0	0	1	0	0	6	0	1
Year	20.03	1.99	2.7	4.9	10.1	S.	34	SW.	3	148	108	110	77	60	11	3	2	24	3	2	0	9	101	44	45	0	47

ALBANY, N. Y.

Airport [H=277 ft.; H_b=97 ft.; H_t=23 ft.; H_r=25 ft.; H_a=40 ft.]

January	1.13	0.45	11.5	6.0	9.3	NW.	31	NW.	0	8	10	13	11	8	25	9	0	11	1	0	0	27	0	0	30	8	0
February	2.83	1.02	23.2	7.2	10.2	N.	36	NW.	3	5	6	18	12	9	20	11	0	15	3	1	0	15	0	0	29	4	0
March	4.53	1.82	9.6	7.5	11.9	NW.	35	W.	3	3	8	20	16	11	23	11	0	16	3	2	2	10	0	0	29	1	0
April	3.93	.86	4.4	6.8	11.6	NW.	36	NW.	4	4	13	13	11	9	7	4	0	13	5	3	2	1	0	0	13	0	0
May	3.68	.88	.0	7.7	8.4	S.	33	NW.	1	4	8	19	16	10	0	0	0	16	3	0	0	0	0	0	0	0	6
June	2.83	.74	.0	6.7	9.4	S.	31	N.	0	5	11	14	17	11	0	0	0	17	0	1	1	0	1	0	0	0	8
July	4.23	1.32	.0	6.2	6.4	S.	25	NE.	0	6	15	10	12	11	0	0	0	20	2	1	0	0	5	0	0	0	11
August	1.78	2.05	.0	5.3	7.0	S.	21	NW.	0	10	13	8	6	4	0	0	0	15	5	4	2	0	1	0	0	0	4
September	4.31	2.02	.0	5.7	6.2	S.	22	S.	0	8	12	10	7	6	0	0	0	20	5	1	0	0	0	0	0	0	3
October	.89	.41	T	5.2	7.7	S.	29	S.	0	13	7	11	7	5	4	0	0	14	7	3	4	0	0	0	12	0	1
November	3.13	1.22	4.9	8.1	10.3	NW.	32	S.	1	3	7	20	15	10	11	4	0	11	2	3	1	2	0	0	13	0	0
December	2.64	.83	5.5	7.5	9.3	NW.	34	W.	2	5	7	19	12	9	9	4	0	13	4	3	3	8	0	0	23	2	0
Year	35.91	2.05	59.1	6.7	9.0	S.	36	NW.	14	74	117	175	142	103	99	43	0	181	40	22	15	63	7	0	149	15	33

ALBUQUERQUE, N. MEX.

Airport [H=5,310 ft.; H_b=5,314 ft.; H_t=5 ft.; H_r=3 ft.; H_a=34 ft.]

January	0.52	0.50	T	5.4	7.9	NE.	41	NW.	3	11	5	15	2	1	5	0	0	1	0	0	0	1	0	0	28	0	0
February	.58	.28	3.7	5.5	8.6	NE.	33	E.	2	9	10	10	5	3	7	3	0	5	1	2	2	0	0	0	22	0	0
March	.48	.25	T	4.5	9.6	W.	38	NW.	4	14	9	8	4	3	3	0	1	0	0	0	0	0	0	0	11	0	2
April	.21	.09	T	6.0	11.2	S.	44	SE.	9	7	10	13	5	3	2	1	0	1	0	0	0	0	0	0	1	0	2
May	1.71	.98	.0	4.6	8.9	SE.	50	SE.	5	11	14	6	4	4	0	0	1	0	0	0	0	0	0	0	0	0	4
June	1.32	1.03	.0	4.7	9.3	SE.	37	E.	3	13	12	5	7	4	0	0	0	0	0	0	0	0	9	1	0	0	6
July	.62	.25	.0	5.3	9.3	SE.	45	NE.	6	8	15	8	10	6	0	0	0	0	0	0	0	0	22	13	0	0	21
August	3.25	.88	.0	4.7	7.8	SE.	40	SE.	7	9	17	5	12	9	0	0	0	0	0	0	0	0	11	2	0	0	15
September	1.99	.86	.0	5.1	7.3	SE.	32	SE.	2	9	13	8	13	8	0	0	0	3	1	2	0	0	0	0	0	0	15
October	.36	.23	0	3.8	7.9	SE.	32	SE.	1	13	11	7	6	2	0	0	0	0	0	0	0	0	0	0	1	0	4
November	1.45	.76	9.3	5.1	7.9	SE.	50	E.	4	11	6	13	6	5	7	5	1	4	2	1	2	0	0	0	19	0	2
December	.87	.38	.5	4.8	7.7	N.	42	NW.	1	15	5	11	10	5	5	3	1	5	2	3	0	0	0	0	23	0	1
Year	13.36	1.03	13.5	5.0	8.6	SE.	50	SE.	47	130	127	109	84	53	29	12	4	19	6	8	4	1	42	16	105	0	72

ALPENA, MICH.

[H=587 ft.; H_b=609 ft.; H_t=13 ft.; H_r=4 ft.; H_a=89 ft.]

January	1.83	1.23	11.5	7.7	11.0	NW.	38	SE.	2	3	8	20	16	5	28	16	0	0	0	0	0	27	0	0	31	5	0
February	.87	.26	11.0	7.3	9.7	NW.	36	E.	1	4	8	17	9	7	17	9	0	2	0	0	0	23	0	0	29	0	0
March	.60	.22	6.8	6.5	12.2	NW.	38	E.	1	6	8	17	7	5	21	7	0	3	0	0	0	20	0	0	29	0	0
April	1.66	.40	2.0	5.5	11.3	NW.	31	NW.	0	9	9	12	13	10	9	6	0	2	1	0	1	1	0	0	19	0	0
May	2.46	.58	T	7.5	10.6	NW.	36	SE.	2	4	7	20	14	9	1	1	0	10	7	5	5	0	0	0	0	0	4
June	2.86	.68	.0	6.2	11.3	NW.	31	NW.	0	6	14	10	12	8	0	0	1	7	5	4	2	0	1	0	0	0	3
July	3.51	2.12	.0	4.8	8.7	NW.	41	NW.	1	9	17	5	8	5	0	0	0	0	0	0	0	0	0	0	0	0	6
August	3.74	1.25	.0	6.9	9.4	SE.	24	N.	0	5	11	15	14	11	0	0	0	5	4	3	0	0	0	0	0	0	5
September	3.04	1.10	.0	6.7	9.2	NW.	31	SE.	0	7	6	17	12	9	0	0	0	9	5	3	1	0	0	0	0	0	2
October	1.43	.66	.0	6.7	10.1	NW.	32	E.	1	3	14	14	9	6	0	0	1	9	2	2	1	0	0	0	3	0	0
November	2.22	.46	8.4	8.6	12.5	NW.	47	SW.	3	1	8	21	21	15	15	7	0	6	3	3	0	9	0	0	19	0	1
December	1.76	.64	10.8	7.9	10.0	NW.	31	SW.	0	4	5	22	15	7	17	12	0	2	2	2	1	11	0	0	26	1	0
Year	25.98	2.12	50.5	6.9	10.5	NW.	47	SW.	11	61	115	190	150	97	108	58	3	55	29	22	11	91	1	0	156	6	21

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

AMARILLO, TEX.

Airport [ϕ=35°14′ N.; λ=101°42′ W.] City [ϕ=35°13′ N.; λ=101°50′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	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	26.33	30.19	26.68	25.77	20.1	19.8	32.0	28.1	19.3	19.0	28.2	25.7	39.2	19.4	29.3	66	1	18	17	23	22	20	90	90	71	80	83
February	26.20	29.98	26.57	25.71	31.6	29.4	45.7	44.7	29.6	27.9	38.1	37.5	52.8	29.6	41.2	83	18	27	26	30	29	28	83	87	59	59	72
March	26.16	29.89	26.57	25.69	39.3	34.9	59.6	58.4	33.8	31.8	45.3	43.8	65.6	35.8	50.7	87	21	26	26	29	27	27	60	69	36	36	50
April	26.18	29.88	26.85	25.77	47.8	42.2	63.4	65.0	41.3	38.2	49.5	49.5	70.6	43.3	57.0	89	16	34	34	36	35	35	63	74	41	39	54
May	26.24	29.90	26.58	25.95	57.2	52.9	73.1	74.7	51.9	49.6	58.0	58.7	79.2	54.4	66.8	98	45	47	46	47	46	47	72	80	44	42	60
June	26.25	29.87	26.53	26.02	64.0	59.6	80.6	80.6	57.8	56.0	64.0	63.2	85.5	61.2	73.4	98	53	54	54	54	52	54	72	82	42	41	59
July	26.31	29.90	26.51	26.04	73.8	66.9	91.1	91.8	61.1	59.2	67.4	66.6	95.2	68.7	82.0	106	58	53	54	55	52	54	51	65	30	28	44
August	26.31	29.93	26.58	26.06	67.6	62.9	82.8	81.9	61.2	59.3	66.1	64.7	88.6	65.0	76.8	98	61	57	57	57	55	57	72	82	44	42	60
September	26.33	29.98	26.62	26.12	64.6	59.8	78.8	77.7	57.3	55.1	62.7	61.4	84.2	60.2	72.2	96	47	52	52	53	51	52	66	75	43	42	56
October	26.31	30.00	26.66	25.98	54.8	49.6	73.1	68.6	48.1	44.9	55.8	53.8	78.4	51.3	64.8	89	37	42	40	42	41	41	63	71	35	40	52
November	26.32	30.10	26.71	25.77	36.4	33.7	50.3	44.9	33.3	31.6	41.5	38.3	55.3	32.9	44.1	76	11	29	28	32	30	30	75	81	55	62	68
December	26.27	30.06	26.60	25.61	34.0	31.3	47.3	41.8	31.7	29.4	39.4	36.9	53.3	31.7	42.5	77	14	29	27	30	31	29	81	85	56	68	72
Year	26.27	29.98	26.85	25.61	49.3	45.2	64.8	63.2	43.9	41.8	51.3	50.0	70.7	46.1	58.4	106	1	39	38	41	39	40	71	78	46	48	61

APALACHICOLA, FLA.

[ϕ=29°45′ N.; λ=84°58′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	30.12	30.15	30.46	29.65	41.1	37.8	48.1	46.0	38.6	35.7	42.4	41.7	52.5	34.6	43.6	68	18	35	32	34	36	34	77	79	61	67	71
February	30.01	30.04	30.40	29.54	48.4	46.7	55.0	52.1	46.0	44.9	49.5	48.6	58.0	43.8	50.9	72	32	43	42	43	45	43	82	86	67	77	78
March	29.97	30.01	30.32	29.50	56.0	53.8	63.3	59.5	53.9	51.9	56.3	55.4	66.5	51.6	59.0	76	37	52	50	50	52	51	87	88	65	77	79
April	29.97	30.01	30.27	29.70	62.0	62.2	69.3	65.1	59.5	59.2	62.2	61.1	71.4	58.4	64.9	77	37	58	57	57	58	57	86	84	67	79	79
May	29.94	29.97	30.30	29.67	67.7	69.1	77.9	73.3	64.8	64.6	66.8	65.7	79.9	63.8	71.8	87	54	63	62	60	61	62	86	78	56	67	72
June	29.98	30.01	30.12	29.80	77.5	79.1	84.2	81.3	74.1	74.5	75.8	74.7	86.2	74.5	80.4	96	67	73	72	72	72	72	85	81	68	74	77
July	30.03	30.06	30.16	29.89	78.4	79.7	86.2	81.4	75.3	75.6	77.5	75.6	88.1	75.2	81.6	95	71	74	74	74	73	74	86	83	68	77	79
August	29.93	29.96	30.09	29.79	79.0	78.9	86.0	82.6	75.9	75.4	77.5	76.6	88.5	76.0	82.2	93	72	75	74	74	74	74	87	85	68	76	79
September	29.93	29.97	30.08	29.72	73.2	71.2	80.7	76.6	69.6	68.1	71.7	70.5	82.7	68.7	75.7	92	52	68	66	67	68	67	83	85	65	74	77
October	30.02	30.06	30.25	29.82	65.3	63.6	76.8	71.0	62.8	60.7	67.0	65.0	78.0	61.7	69.8	83	52	61	59	61	62	61	87	88	61	73	77
November	30.12	30.16	30.38	29.82	59.1	56.2	66.5	61.9	55.8	53.7	58.8	57.7	69.0	53.9	61.4	79	29	53	51	52	54	53	81	84	63	77	76
December	30.02	30.06	30.36	29.32	56.2	54.2	62.7	59.0	54.7	52.7	57.9	56.4	64.9	52.1	58.5	77	39	53	51	54	54	53	90	90	76	86	85
Year	30.00	30.04	30.46	29.32	63.7	62.7	71.4	67.5	60.9	59.8	63.6	62.4	73.8	59.5	66.6	96	18	59	58	58	59	58	85	84	65	75	77

ASHEVILLE, N. C.

[ϕ=35°36′ N.; λ=82°32′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	27.69	30.18	28.06	27.29	23.0	20.3	30.7	27.5	21.0	18.9	26.4	24.2	34.7	18.0	26.4	54	1	16	16	18	17	17	75	81	58	64	70
February	27.61	30.03	28.00	27.09	34.7	31.9	44.8	41.0	32.3	30.0	37.3	36.2	49.0	28.6	38.8	66	13	29	27	27	30	28	79	82	52	66	70
March	27.62	30.02	27.98	27.14	38.8	36.9	50.5	45.8	35.8	34.5	42.0	39.7	53.4	33.3	43.4	76	18	32	31	32	33	32	76	79	53	62	68
April	27.64	29.99	28.00	27.14	49.9	46.9	61.0	56.2	44.9	43.0	50.0	47.7	65.6	41.8	53.7	85	23	40	39	40	40	40	76	74	49	56	62
May	27.63	29.94	27.97	27.24	55.2	53.9	70.2	65.2	50.1	49.4	55.9	54.2	75.2	49.1	62.2	89	34	46	46	45	46	46	74	75	43	54	61
June	27.73	30.02	27.92	27.44	64.2	63.3	79.8	74.0	62.0	60.9	66.1	65.4	83.6	59.6	71.6	90	49	61	59	59	61	60	89	88	50	65	73
July	27.83	30.12	28.01	27.65	66.5	65.6	79.6	73.7	64.2	63.6	68.7	67.0	83.1	62.6	72.8	95	51	63	62	64	64	63	89	90	60	73	78
August	27.75	30.04	27.95	27.46	67.3	65.7	78.3	73.2	65.6	63.9	68.4	67.3	81.1	63.5	72.3	89	54	65	63	64	64	64	92	91	63	75	80
September	27.77	30.09	27.97	27.41	58.0	54.7	75.1	67.6	56.1	53.6	61.3	59.6	78.1	52.2	65.2	89	35	55	53	53	55	54	89	93	47	63	73
October	27.79	30.15	28.04	27.44	49.9	45.3	69.2	60.3	48.0	44.1	55.0	52.5	71.0	43.5	57.2	81	35	46	43	44	46	45	88	92	42	62	71
November	27.82	30.23	28.16	27.42	43.6	39.2	53.3	48.6	40.0	36.7	44.1	42.6	56.8	36.0	46.4	74	18	36	34	34	36	35	75	80	52	63	67
December	27.75	30.16	28.10	27.05	40.5	37.5	50.5	45.7	37.7	35.8	43.4	40.6	53.5	33.7	43.6	67	18	34	34	35	34	34	78	85	59	66	72
Year	27.72	30.08	28.16	27.05	49.3	46.8	61.9	56.6	46.5	44.5	51.6	49.8	65.4	43.5	54.5	95	1	44	42	43	44	43	81	84	52	64	70

ATLANTA, GA.

Airport [ϕ=33°39′ N.; λ=84°25′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	(1)		(1)	(1)																							
January	28.86	30.16	29.20	28.41	26.6	24.0	35.2	31.8	24.0	22.2	29.8	27.9	38.0	21.2	29.6	59	4	18	18	19	20	19	68	76	54	61	65
February	28.75	30.02	29.16	28.30	38.3	36.3	48.2	44.6	35.8	34.1	42.0	40.0	51.2	32.7	42.0	68	20	32	31	34	34	33	78	79	60	68	71
March	28.74	29.99	29.15	28.16	45.2	42.2	56.7	53.7	41.5	39.8	47.9	46.5	60.6	39.1	49.8	79	26	37	37	38	38	38	73	80	56	59	67
April	28.75	29.98	29.10	28.58	56.1	53.4	74.4	64.8	52.0	50.7	59.1	56.7	77.5	51.4	64.4	88	44	49	48	48	50	49	77	83	41	61	66
May	28.72	29.93	29.07	28.39	61.4	60.7	76.0	72.6	55.0	55.4	60.5	59.2	80.3	55.5	67.9	94	40	50	51	49	49	50	68	72	42	47	57
June	28.80	30.00	28.98	28.55	70.4	70.8	84.7	80.8	66.6	66.8	70.6	70.0	88.7	66.0	77.4	96	56	64	65	64	64	64	82	82	51	60	69
July	28.87	30.07	29.04	28.71	71.6	71.3	82.5	79.1	68.5	68.3	72.2	71.3	86.5	67.9	77.2	98	58	67	67	68	68	67	86	86	64	71	77
August	28.78	29.98	28.99	28.48	73.0	71.7	84.8	80.5	69.4	68.9	72.7	71.8	88.0	69.0	78.5	96	62	68	68	68	68	68	84	87	57	66	74
September	28.82	30.03	29.02	28.50	65.3	63.1	80.1	73.2	60.8	59.3	65.7	64.7	83.2	59.9	71.6	95	44	58	57	58	60	58	77	80	47	64	67
October	28.86	30.08	29.10	28.58	56.1	53.4	74.4	64.8	52.0	50.7	59.1	56.7	77.5	51.4	64.4	88	44	49	48	48	50	49	77	83	41	61	66
November	28.93	30.19	29.27	28.58	47.6	44.1	58.4	52.3	44.3	41.7	49.5	47.0	61.1	41.5	51.3	76	19	40	38	40	40	40	76	80	54	66	69
December	28.85	30.11	29.23	28.14	44.4	42.0	54.1	49.3	41.9	40.4	48.0	45.7	56.2	38.9	47.6	67	26	39	38	41	42	40	81	86	64	75	77
Year	28.81	30.04	29.27	28.14	54.6	52.7	66.8	62.2	50.8	49.7	56.0	54.5	70.1	49.3	59.7	98	4	47	47	48	48	48	77	81	53	63	68

[1] Pressure at airport adjusted to the old (city) station elevation: Amarilla, 3,676 feet; Atlanta, 1,173 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

AMARILLO, TEX.

Airport [H=3,590 ft.; H_b=3,604 ft.; H_t=5 ft.; H_r=3 ft.; H_a=26 ft.] City [H=3,657 ft.; H_b=3,676 ft.; H_t=10 ft.; H_r=3 ft.; H_a=49 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind					Number of days																
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall		Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	0.52	0.36	4.3	5.1	8.1	W.	24	NW.	0	13	8	10	7	3	11	6	0	7	4	4	4	12	0	0	27	0	0
February	.88	.45	6.8	5.3	9.9	W.	32	W.	1	11	7	11	6	6	6	6	0	6	4	4	4	1	0	0	20	0	0
March	.24	.13	.2	3.7	10.3	SW.	32	W.	1	15	12	4	2	2	3	2	0	3	3	0	0	0	0	0	8	0	1
April	1.10	.74	6.9	4.6	10.7	W.	35	W.	4	11	15	4	10	5	4	4	0	2	1	0	0	0	0	0	5	0	2
May	2.68	.96	.0	3.8	9.3	SE.	32	NW.	1	15	13	3	9	5	0	0	0	0	0	0	0	0	5	3	0	0	6
June	1.64	.93	.0	3.4	9.3	SE.	24	SE.	0	15	15	0	4	3	0	0	0	0	0	0	0	0	9	3	0	0	6
July	.88	.79	.0	2.5	9.8	S.	27	NE.	0	24	7	0	5	3	0	0	0	0	0	0	0	0	26	19	0	0	10
August	.71	.27	.0	4.0	8.7	SE.	27	NE.	0	14	16	1	10	6	0	0	0	1	0	0	0	0	16	5	0	0	10
September	.54	.44	.0	4.4	10.3	SE.	25	SE.	0	14	12	4	4	2	0	0	0	0	0	0	0	0	9	1	0	0	4
October	.29	.29	.0	2.5	9.6	S.	29	SW.	0	23	8	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2
November	3.87	2.37	T	4.2	9.7	S.	30	W.	0	13	10	7	7	5	3	0	0	3	0	0	0	1	0	0	14	0	0
December	.27	.11	.8	4.2	8.8	SW.	26	W.	0	14	9	8	5	3	2	2	0	5	2	2	2	3	0	0	13	0	0
Year	13.62	2.37	19.0	4.0	9.5	SE.	35	W.	7	182	132	52	71	45	29	20	0	27	14	10	10	17	65	31	87	0	41

APALACHICOLA, FLA.

[H=13 ft.; H_b=35 ft.; H_t=11 ft.; H_r=3 ft.; H_a=51 ft.]

January	1.86	0.51	0.0	5.8	9.2	N.	34	NW.	1	10	6	15	6	6	0	0	0	6	3	4	4	0	0	0	15	0	1
February	6.58	3.74	.0	7.1	10.2	NW.	34	SE.	1	6	2	21	9	4	0	0	0	9	5	4	2	0	0	0	1	0	3
March	3.20	1.48	.0	6.5	9.1	SE.	33	E.	2	7	9	15	7	5	0	0	0	13	2	5	4	0	0	0	0	0	3
April	1.07	1.02	.0	6.1	10.1	S.	31	E.	0	9	5	16	5	5	0	0	0	4	6	6	3	0	0	0	0	0	1
May	1.08	.88	.0	3.2	7.6	W.	26	SE.	0	18	9	4	5	4	0	0	0	4	2	1	0	0	0	0	0	0	2
June	2.78	1.06	.0	6.3	8.1	SW.	26	E.	0	5	11	14	7	6	0	0	0	1	0	0	0	0	4	1	0	0	7
July	8.47	2.65	.0	6.9	7.2	W.	26	SE.	0	3	12	16	13	12	0	0	0	0	0	0	0	0	6	1	0	0	26
August	4.17	2.06	.0	6.4	7.7	W.	32	S.	1	2	19	10	13	10	0	0	0	0	0	0	0	0	9	0	0	0	13
September	5.67	4.51	.0	5.9	9.6	NE.	37	SE.	2	8	9	13	8	7	0	0	0	0	0	0	0	0	4	0	0	0	6
October	.32	.32	.0	2.7	7.0	N.	27	SE.	0	22	4	5	2	1	0	0	0	11	4	4	2	0	0	0	0	0	1
November	1.45	.93	.0	6.4	9.0	E.	24	SE.	0	7	6	17	6	5	0	0	0	8	1	1	1	0	0	0	2	0	0
December	7.38	3.24	.0	7.5	9.3	NE.	31	E.	0	4	8	19	13	10	0	0	0	20	2	2	1	0	0	0	0	0	2
Year	45.13	4.51	.0	5.9	8.7	SE.	37	SE.	7	101	100	165	94	75	0	0	0	76	25	27	17	0	23	2	18	0	59

ASHEVILLE, N. C.

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

January	2.13	0.80	7.7	5.5	9.7	NW.	28	NW.	0	14	2	15	11	7	16	7	0	1	1	1	0	13	0	0	29	0	0
February	2.61	1.03	3.0	8.0	10.4	NW.	34	NW.	3	2	8	19	13	8	10	6	0	3	1	1	1	0	0	0	21	0	0
March	2.85	.72	3.5	6.0	9.2	NW.	32	NW.	1	9	9	13	10	8	6	1	0	3	2	1	1	2	0	0	12	0	1
April	3.26	1.68	.2	6.6	10.0	NW.	31	SE.	0	6	11	13	10	7	3	1	0	1	1	0	0	0	0	0	2	0	1
May	1.99	.75	.0	4.9	7.8	NW.	27	NW.	0	10	12	9	9	8	0	0	1	5	3	0	0	0	0	0	0	0	5
June	3.10	.88	.0	6.4	5.7	NW.	29	NW.	0	4	16	10	12	10	0	0	0	10	9	1	0	0	1	0	0	0	9
July	4.03	1.13	.0	6.7	5.6	NW.	25	W.	0	5	12	14	14	12	0	0	0	12	7	4	4	0	10	1	0	0	13
August	13.75	6.78	.0	6.5	7.3	NW.	26	SE.	0	4	16	11	12	9	0	0	0	11	6	2	1	0	0	0	0	0	5
September	0.35	.27	.0	3.6	5.5	NW.	22	NW.	0	16	10	4	3	2	0	0	0	19	11	10	6	0	0	0	0	0	1
October	1.12	.45	.0	3.2	5.7	NW.	22	E.	0	20	9	2	7	5	0	0	0	9	8	6	1	0	0	0	0	0	3
November	1.36	.85	T	6.1	9.2	NW.	31	S.	0	10	3	17	7	4	3	0	0	6	4	4	1	1	0	0	13	0	0
December	2.79	1.15	T	6.0	8.6	NW.	24	E.	0	8	9	14	9	8	2	0	0	4	3	2	2	0	0	0	16	0	0
Year	39.34	6.78	14.4	5.8	7.9	NW.	34	NW.	4	108	117	141	117	88	40	15	1	84	56	32	17	16	11	1	93	0	38

ATLANTA, GA.

Airport [H=975 ft.; H_b=976 ft.; H_t=5 ft.; H_r=38 ft.; H_a=72 ft.]

January	5.62	1.51	8.3	4.7	11.6	NW.	31	NW.	0	16	4	11	8	7	7	1	0	7	2	2	0	8	0	0	27	0	0
February	3.83	1.57	T	7.0	12.2	NW.	40	E.	5	7	4	18	14	10	3	0	0	5	2	1	0	0	0	0	13	0	1
March	5.27	1.45	T	5.5	11.5	NW.	33	W.	2	10	11	10	13	13	1	0	1	9	5	5	3	0	0	0	6	0	5
April	2.77	1.45	.0	5.9	12.0	NW.	38	NW.	3	10	5	15	9	6	0	0	0	6	1	1	1	0	0	0	2	0	3
May	2.03	.56	.0	4.2	9.8	NW.	42	NW.	3	14	11	6	10	7	0	0	0	1	0	0	0	0	5	0	0	0	3
June	3.41	1.22	.0	6.4	8.0	W.	45	SW.	1	5	13	12	10	7	0	0	0	4	2	2	0	0	14	2	0	0	12
July	8.82	2.67	.0	6.8	7.4	NW.	28	W.	0	6	9	16	13	12	0	0	0	7	2	3	2	0	12	6	0	0	12
August	8.16	5.05	.0	6.1	8.9	E.	29	NE.	0	6	14	11	7	7	0	0	0	5	1	2	0	0	12	3	0	0	6
September	3.07	2.46	.0	3.3	7.2	NE.	31	NW.	0	17	9	4	4	3	0	0	0	2	1	0	0	0	6	1	0	0	2
October	.48	.22	.0	3.3	6.7	NW.	31	SW.	0	20	5	6	3	2	0	0	0	6	0	0	0	0	0	0	0	0	0
November	3.29	1.11	.0	6.0	9.5	NW.	27	E.	0	11	3	16	11	9	0	0	0	9	3	3	3	0	0	0	6	0	0
December	4.39	.99	.0	6.9	9.9	E.	32	S.	1	7	8	16	14	11	0	0	0	10	7	5	3	0	0	0	7	0	1
Year	51.09	5.05	8.3	5.5	9.5	NW.	45	SW.	15	129	96	141	116	94	11	1	1	71	26	24	12	8	49	12	61	0	45

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	30.00	30.05	30.46	29.50	22.5	20.8	29.3	26.7	20.5	19.0	25.5	23.6	31.8	18.1	25.0	52	4	15	14	16	16	15	69	72	56	60	64
February	29.88	29.94	30.36	28.68	32.6	31.3	37.9	35.1	30.2	29.0	34.1	32.1	41.2	27.8	34.5	50	13	26	24	28	27	26	75	75	68	71	72
March	29.91	29.97	30.44	29.35	34.5	33.5	40.8	38.0	31.6	30.9	35.9	34.1	43.6	30.8	37.2	67	17	25	25	27	26	26	70	72	61	65	67
April	29.90	29.96	30.31	29.33	43.1	43.9	48.3	45.4	40.5	40.6	43.1	41.5	51.8	39.1	45.4	62	26	37	36	36	36	36	80	75	67	73	74
May	29.86	29.92	30.14	29.46	54.5	55.6	60.0	56.9	51.9	52.2	54.4	53.1	63.5	51.4	57.4	85	43	50	49	50	50	50	85	81	73	80	80
June	29.88	29.93	30.26	29.45	65.8	66.2	71.9	68.9	62.4	61.8	64.3	62.7	76.3	62.1	69.2	90	51	60	59	60	59	59	83	79	68	72	76
July	29.99	30.04	30.30	29.74	69.8	71.3	77.0	72.4	66.6	67.2	69.3	67.7	80.1	66.8	73.4	98	56	65	65	65	65	65	85	80	69	79	78
August	30.04	30.10	30.34	29.58	69.9	70.4	74.5	71.7	66.1	66.4	67.8	66.9	76.4	67.2	71.8	82	55	64	64	64	64	64	82	82	71	78	78
September	29.98	30.04	30.30	29.44	64.2	62.9	72.2	67.4	60.0	59.1	62.9	61.1	74.0	59.3	66.6	90	44	57	56	57	57	57	79	80	60	70	72
October	30.03	30.08	30.42	29.71	51.7	50.2	58.6	54.7	47.9	47.3	51.4	49.6	60.6	47.0	53.8	72	30	44	44	44	44	44	75	80	60	69	71
November	30.08	30.14	30.62	29.49	46.3	44.5	50.6	48.3	42.9	41.5	44.4	43.9	53.7	41.2	47.4	66	26	39	38	37	39	38	75	77	61	69	71
December	30.07	30.13	30.56	29.34	40.6	39.2	44.7	42.1	37.9	36.6	40.1	38.9	48.4	34.8	41.6	59	17	34	33	33	34	33	76	77	65	73	73
Year	29.97	30.02	30.62	28.68	49.6	49.2	55.5	52.3	46.5	46.0	49.4	47.9	58.4	45.5	51.9	98	4	43	42	43	43	43	78	78	65	72	73

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	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	29.93	30.12	30.32	29.46	31.7	28.0	40.9	37.2	28.0	25.6	34.6	31.9	45.5	27.1	36.3	67	12	20	20	23	22	22	62	72	51	55	60
February	29.81	30.00	30.25	29.36	42.5	39.6	53.5	49.6	39.0	37.1	44.5	42.9	58.0	37.4	47.7	73	24	34	33	33	34	33	72	78	48	56	64
March	29.79	29.98	30.26	29.19	48.3	44.2	60.2	57.2	43.7	41.6	49.8	48.2	65.6	43.1	54.4	80	31	38	38	39	38	38	69	80	50	54	63
April	29.79	29.98	30.17	29.35	56.6	54.1	70.4	65.6	51.1	50.7	57.0	54.6	74.3	51.1	62.7	91	32	46	47	46	45	46	68	79	45	50	60
May	29.74	29.93	30.14	29.41	63.0	62.2	78.8	73.9	57.1	56.9	61.8	60.8	82.7	58.2	70.4	95	41	52	53	49	51	51	70	72	39	48	57
June	29.81	30.00	29.99	29.52	72.6	72.6	85.7	80.5	68.2	68.5	71.6	71.1	90.5	69.8	80.2	96	60	66	66	65	67	66	81	82	51	58	68
July	29.88	30.07	30.07	29.68	74.2	73.5	86.9	82.3	70.2	70.2	73.3	72.6	90.0	71.5	80.8	99	63	68	69	67	68	68	83	86	54	64	72
August	29.79	29.98	30.01	29.54	74.1	73.3	86.7	80.1	71.1	71.0	74.3	72.8	89.4	72.3	80.8	98	66	70	70	69	69	69	87	90	56	72	76
September	29.83	30.02	30.05	29.48	67.7	66.0	82.7	75.6	62.9	62.5	66.8	65.5	85.2	63.4	74.3	97	50	60	60	58	60	59	76	82	44	59	65
October	29.88	30.08	30.15	29.59	59.3	55.5	75.9	66.6	55.0	52.9	59.9	57.7	78.2	53.0	65.6	87	45	52	50	48	51	50	76	84	39	59	64
November	29.98	30.17	30.34	29.64	51.1	47.5	62.6	55.9	47.2	45.4	52.4	49.6	66.1	44.9	55.5	82	24	42	42	42	42	42	73	84	52	64	68
December	29.92	30.11	30.31	29.21	47.7	44.4	58.3	52.5	44.5	42.4	50.7	47.5	61.4	41.9	51.6	75	29	41	40	43	42	41	77	84	59	70	72
Year	29.85	30.04	30.34	29.19	57.4	55.1	70.2	64.8	53.2	53.6	58.1	56.3	73.9	52.8	63.4	99	12	49	49	48	49	49	74	81	49	59	66

AUSTIN, TEX.

Airport [ϕ=30°19′ N.; λ=97°44′ W.] City [ϕ=30°16′ N.; λ=97°44′ 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	29.57	30.23	30.04	28.89	36.1	32.3	44.3	44.2	33.1	30.2	38.3	38.6	50.1	30.1	40.6	75	13	28	26	30	31	29	75	78	58	60	68
February	29.37	30.01	29.84	28.99	47.6	44.6	57.8	58.1	44.8	42.9	49.9	50.2	63.8	41.9	52.8	92	29	42	41	42	43	42	81	86	61	60	72
March	29.32	29.96	29.88	29.05	56.1	51.6	66.5	68.3	51.6	48.6	55.7	55.8	72.9	50.8	61.8	87	34	47	45	46	45	46	73	80	51	46	63
April	29.28	29.91	30.01	28.88	60.4	57.8	71.2	72.3	57.1	55.7	61.6	62.1	77.7	55.8	66.8	93	33	54	54	55	55	55	82	88	59	58	72
May	29.30	29.93	29.52	29.07	67.7	64.2	80.6	81.1	62.8	61.5	67.1	67.2	85.3	63.7	74.5	94	53	60	60	60	60	60	77	86	51	50	66
June	29.28	29.90	29.45	29.11	72.9	69.2	83.8	83.1	68.6	67.7	71.3	71.7	87.2	68.2	77.7	96	59	66	67	65	66	66	81	93	56	60	72
July	29.37	30.00	29.52	29.21	75.3	72.6	87.2	86.4	72.2	71.4	75.1	74.4	91.7	72.5	82.1	96	66	71	71	70	69	70	86	94	58	58	74
August	29.30	29.92	29.54	29.11	77.0	72.2	89.6	89.9	70.5	69.6	73.8	72.0	94.1	72.5	83.3	100	62	68	68	67	64	67	73	88	48	43	63
September	29.37	29.99	29.62	29.13	71.0	65.7	84.2	83.6	64.4	62.4	68.6	67.3	88.2	65.2	76.7	100	49	60	60	60	58	60	71	83	46	44	61
October	29.41	30.04	29.73	29.01	63.7	59.9	77.9	74.1	59.8	58.1	65.4	63.9	82.0	58.1	70.0	91	44	57	57	58	58	57	80	90	54	58	70
November	29.48	30.13	30.03	29.02	53.7	49.9	62.3	59.0	51.4	48.1	55.1	54.1	65.8	47.6	56.7	79	28	49	46	49	50	48	85	87	64	72	77
December	29.41	30.05	29.85	28.69	50.4	47.4	58.5	55.8	48.0	45.8	52.0	51.4	62.2	44.9	53.6	72	31	45	44	46	48	46	84	89	66	75	78
Year	29.37	30.01	30.04	28.69	61.0	57.3	72.0	71.3	57.0	55.2	61.2	60.7	76.8	55.9	66.4	100	13	54	53	54	54	54	79	87	56	57	70

BAKER, OREG.

Airport [ϕ=44°50′N.; λ=117°50′ W.] City [ϕ=44°46′ N.; λ=117°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
	(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	26.50	30.17	26.79	26.13	26.4	25.2	30.6	31.5	25.7	24.5	28.9	29.7	36.7	23.3	30.0	48	12	25	24	26	27	26	92	93	83	83	88
February	26.38	30.01	26.75	25.98	31.4	29.5	36.3	38.6	30.2	28.6	33.7	35.3	42.5	27.4	35.0	57	14	29	27	31	31	30	89	92	80	76	84
March	26.42	30.03	26.80	25.83	35.8	31.9	45.2	49.7	33.6	30.4	39.0	41.6	52.2	31.3	41.8	70	21	31	28	32	32	31	82	86	60	55	71
April	26.44	30.02	26.79	26.16	40.6	35.9	50.7	54.0	38.2	34.7	43.2	45.0	57.2	34.8	46.0	74	30	36	33	35	36	35	82	90	57	52	70
May	26.45	30.00	26.71	26.10	48.9	41.5	63.1	67.9	44.4	39.0	50.7	51.9	71.5	40.5	56.0	86	29	40	36	40	38	38	73	84	44	36	59
June	26.46	29.98	26.65	26.21	55.3	44.8	70.4	77.0	48.4	42.1	55.6	58.2	80.1	47.3	63.7	97	36	42	39	44	44	43	63	82	42	34	55
July	26.44	29.95	26.66	26.25	58.6	48.7	75.0	81.2	52.0	46.3	58.8	61.0	85.2	52.2	68.7	100	40	47	44	48	47	46	67	84	40	33	56
August	26.46	29.98	26.65	26.29	56.3	44.9	76.6	84.0	48.5	41.6	57.7	59.2	86.8	49.9	68.4	100	42	41	38	44	40	41	59	78	32	23	48
September	26.43	29.97	26.62	26.17	51.6	46.5	62.8	68.7	49.2	45.7	54.9	56.1	71.5	47.2	59.4	89	38	47	45	50	47	47	86	95	64	52	74
October	26.46	30.04	26.78	26.08	41.4	37.4	53.6	57.0	40.4	37.0	47.7	48.9	61.1	39.0	50.0	78	31	39	37	43	42	40	94	97	68	59	79
November	26.56	30.24	26.96	26.17	27.2	25.6	34.8	33.5	26.5	24.9	32.2	31.4	39.5	24.4	32.0	52	10	26	24	29	29	27	93	92	79	82	87
December	26.44	30.09	26.82	25.77	29.0	26.4	34.4	33.8	27.7	25.2	32.0	31.6	40.8	25.6	33.2	53	5	26	24	29	28	26	88	88	79	79	83
Year	26.46	30.04	26.96	25.77	41.9	36.5	52.8	56.4	38.7	35.0	44.5	45.8	60.4	36.9	48.7	100	5	36	33	38	37	36	81	88	61	55	71

[1] Pressure 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, 1940*—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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	1.78	0.80	13.8	4.7	15.4	W.	52	NE.	6	14	7	10	7	6	8	4	0	3	3	1	1	20	0	0	28	0	0
February	3.51	1.18	4.6	6.1	17.4	NW.	54	E.	9	9	7	13	15	13	7	6	0	7	5	1	2	0	0	0	18	0	0
March	4.60	1.51	.5	6.3	17.1	W.	56	SE.	8	4	16	11	11	11	3	2	0	7	6	2	4	1	0	0	16	0	2
April	5.84	1.88	.9	6.5	16.8	NW.	49	SE.	9	7	7	16	15	12	3	2	0	9	5	3	1	0	0	0	3	0	3
May	4.69	1.70	.0	7.2	17.3	S.	46	E.	7	2	14	15	14	11	0	0	0	14	10	7	5	0	0	0	0	0	5
June	1.55	.61	.0	6.4	13.3	S.	29	NE.	0	8	9	13	6	6	0	0	0	8	7	7	2	0	2	0	0	0	7
July	4.89	3.58	.0	5.2	12.8	S.	35	N.	2	10	13	8	10	8	0	0	0	5	4	0	3	0	4	1	0	0	5
August	4.18	1.38	.0	6.7	15.6	E.	37	E.	4	5	13	13	15	11	0	0	0	6	2	2	2	0	0	0	0	0	5
September	1.55	.82	.0	4.9	13.3	W.	41	NE.	2	12	9	9	6	4	0	0	0	0	0	0	0	0	0	0	0	0	1
October	1.48	.51	T	5.3	15.0	N.	43	NE.	5	10	12	9	9	6	1	1	0	3	0	0	0	0	0	0	1	0	0
November	4.82	1.46	.0	6.7	16.4	W.	43	E.	8	6	10	14	9	8	0	0	0	5	0	0	0	0	0	0	4	0	0
December	2.53	1.20	1.8	6.5	14.9	N.	35	W.	7	7	10	14	10	7	2	2	0	5	5	3	4	0	0	0	11	0	0
Year	41.42	3.58	20.6	6.0	15.4	W.	56	SE.	67	94	127	145	127	103	24	17	0	72	47	26	24	21	6	1	81	0	28

AUGUSTA, GA.

Airport [H=421 ft.; H_b= 426 ft.; H_t=5 ft.; H_r=3 ft.; H_a= 29ft. City [H=134 ft.; H_b=182 ft.; H_t=62 ft.; H_r=54 ft.; H_a=77 ft.]

January	4.66	1.61	0.8	4.8	6.0	NW.	22	W.	0	11	9	11	9	6	2	2	0	6	1	0	0	3	0	0	23	0	0
February	3.77	1.75	.0	6.7	7.0	NW.	25	NW.	0	7	5	17	12	9	0	0	0	4	3	1	0	0	0	0	7	0	1
March	3.27	1.45	.0	5.7	6.4	NW.	24	W.	0	10	8	13	9	8	0	0	0	5	1	1	1	0	0	0	2	0	1
April	2.01	.87	.0	5.6	7.0	W.	23	SW.	0	11	6	13	6	5	0	0	0	2	2	2	2	0	1	0	1	0	3
May	1.59	.56	.0	4.1	6.0	NW.	24	N.	0	14	12	5	10	7	0	0	0	0	0	0	0	0	5	0	0	0	7
June	3.61	1.77	.0	6.0	5.6	S.	30	SW.	0	8	11	11	9	8	0	0	0	1	0	0	0	0	20	4	0	0	9
July	3.43	1.19	.0	6.1	4.9	NW.	19	N.	0	9	9	13	8	7	0	0	0	0	0	0	0	0	17	9	0	0	10
August	8.50	3.82	.0	6.7	6.0	NE.	26	NE.	0	5	11	15	12	8	0	0	0	2	2	0	0	0	17	3	0	0	6
September	1.52	.86	.0	4.6	5.4	NE.	23	W.	0	15	5	10	5	5	0	0	0	1	0	0	0	0	11	2	0	0	2
October	1.18	.65	.0	3.8	4.2	NW.	19	NE.	0	17	6	8	5	2	0	0	0	2	2	2	2	0	0	0	0	0	1
November	3.78	1.74	.0	5.6	5.3	NW.	20	SW.	0	11	4	15	8	6	0	0	0	1	1	1	1	0	0	0	3	0	1
December	2.41	.93	.0	6.6	5.7	NE.	22	SW.	0	7	7	17	11	9	0	0	0	5	4	3	2	0	0	0	1	0	0
Year	39.73	3.82	.8	5.5	5.8	NW.	30	SW.	0	125	93	148	104	80	2	2	0	29	16	10	8	3	71	18	37	0	41

AUSTIN, TEX.

Airport [H=617 ft.; H_b=621; H_t=5 ft.; H_r=3 ft.; H_a=22 ft.] City [H=531 ft.; H_b=605 ft.; H_t=68 ft.; H_r=60 ft.; H_a=90 ft.]

January	0.63	0.45	2.0	5.4	7.8	N.	32	NW.	1	10	9	12	4	2	1	1	0	3	2	2	0	2	0	0	17	0	0
February	3.73	1.74	T	5.8	8.6	NW.	25	SW.	0	9	8	12	8	8	1	0	0	5	2	2	1	0	1	0	2	0	2
March	1.36	.48	.0	5.6	8.1	S.	35	W.	1	9	11	11	6	5	0	0	0	7	3	3	0	0	0	0	0	0	3
April	5.34	2.60	.0	5.2	8.7	S.	25	NW.	0	13	6	11	9	7	0	0	1	2	0	0	0	0	2	0	0	0	8
May	2.12	.82	.0	5.0	7.9	S.	31	SW.	0	9	16	6	7	5	0	0	0	0	0	0	0	0	8	0	0	0	5
June	8.83	3.20	.0	5.0	6.9	S.	19	NE.	0	10	15	5	13	13	0	0	0	0	0	0	0	0	11	1	0	0	8
July	.57	.41	.0	4.8	6.9	S.	23	NE.	0	10	16	5	3	3	0	0	0	0	0	0	0	0	23	9	0	0	3
August	1.77	1.22	.0	3.7	7.3	S.	33	NE.	1	15	14	2	2	2	0	0	0	1	0	0	0	0	24	17	0	0	3
September	3.39	2.85	.0	2.7	6.4	NE.	27	NW.	0	21	6	3	3	3	0	0	0	6	0	0	0	0	16	5	0	0	1
October	4.82	2.01	.0	4.5	5.9	SE.	21	NW.	0	10	15	6	9	8	0	0	0	4	2	0	0	0	2	0	0	0	5
November	5.07	2.20	.0	6.2	7.1	N.	25	NW.	0	9	4	17	11	10	0	0	1	6	3	3	3	0	0	0	4	0	3
December	5.32	2.10	.0	6.1	7.6	N.	29	NW.	0	9	7	15	10	7	0	0	0	5	1	2	1	0	0	0	1	0	3
Year	42.95	3.20	2.0	5.0	7.4	S.	35	W.	3	134	127	105	85	73	2	1	2	39	13	12	5	2	87	32	24	0	44

BAKER, OREG.

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

January	1.79	0.61	13.1	7.3	5.3	SE.	17	N.	0	4	9	18	16	11	15	11	0	1	0	0	0	10	0	0	25	0	0
February	1.51	.46	9.5	7.3	6.5	SE.	28	SW.	0	3	9	17	16	11	15	8	0	0	0	0	0	0	0	0	21	0	0
March	1.92	.42	1.0	6.3	6.5	S.	20	N.	0	7	12	12	14	13	2	1	0	0	0	0	0	0	0	0	18	0	0
April	.85	.37	.1	6.7	6.5	N.	23	N.	0	2	15	13	12	7	3	1	1	0	0	0	0	0	0	0	11	0	1
May	.38	.33	.0	5.6	6.7	N.	22	SW.	0	7	15	9	3	2	0	0	1	0	0	0	0	0	0	0	2	0	4
June	.68	.47	.0	3.5	6.3	N.	19	S.	0	16	11	3	3	3	0	0	0	0	0	0	0	0	6	3	0	0	2
July	.57	.27	.0	4.3	5.5	N.	19	SW.	0	14	12	5	4	3	0	0	0	0	0	0	0	0	8	2	0	0	6
August	T	T	.0	2.4	6.2	N.	18	SW.	0	23	6	2	0	0	0	0	0	0	0	0	0	0	10	5	0	0	1
September	3.90	1.09	.0	5.7	5.1	S.	19	S.	0	7	11	12	15	12	0	0	0	2	1	1	1	0	0	0	0	0	8
October	2.68	.91	.0	6.9	5.5	S.	17	SW.	0	5	7	19	10	9	0	0	1	1	0	0	0	0	0	0	1	0	1
November	.93	.33	5.6	7.2	5.5	S.	29	S.	0	4	7	19	12	7	10	6	0	1	0	0	0	4	0	0	25	0	0
December	.54	.36	.2	6.1	5.9	S.	24	SE.	0	8	6	17	6	3	3	1	0	1	0	0	0	5	0	0	25	0	0
Year	15.75	1.09	29.5	5.8	6.0	S.	28	SW.	0	100	120	146	111	81	48	28	3	6	1	1	1	19	24	10	128	0	23

[1] Estimated.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

BALTIMORE, MD.

Airport [ϕ=39°16′ N.; λ=76°31′ 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	29.95	30.09	30.40	29.44	21.7	19.5	29.8	25.3	20.0	18.0	25.8	22.5	32.4	19.7	26.0	53	8	15	14	17	15	15	75	78	57	63	68
February	29.83	29.97	30.32	29.85	31.9	31.4	39.9	36.0	29.9	29.3	34.8	32.4	44.2	30.7	37.4	61	18	26	25	27	26	26	78	77	60	67	71
March	29.84	29.98	30.32	29.28	34.7	33.8	44.9	40.7	31.6	31.1	38.3	36.1	47.4	32.7	40.0	68	19	26	26	28	28	27	69	71	54	62	64
April	29.84	29.97	30.27	29.33	44.6	45.3	54.9	50.8	41.8	41.6	46.7	45.2	58.3	42.2	50.2	75	28	38	37	37	39	38	79	74	55	65	68
May	29.78	29.91	30.05	29.45	57.5	59.1	70.8	64.2	54.0	55.0	60.1	58.0	73.1	55.7	64.4	91	45	51	51	52	53	52	80	77	56	70	71
June	29.81	29.94	30.15	29.34	68.1	70.3	81.9	75.2	64.0	64.8	68.6	67.2	83.6	66.4	75.0	94	53	61	61	61	62	62	80	74	52	66	68
July	29.92	30.05	30.24	29.67	70.9	73.5	86.3	78.9	67.5	68.4	72.0	70.6	88.4	69.1	78.8	101	59	66	66	65	66	66	84	78	50	67	70
August	29.96	30.10	30.24	29.55	68.9	69.7	78.9	73.6	66.3	66.4	69.5	67.9	80.2	66.8	73.5	91	56	65	65	65	65	65	87	84	64	75	78
September	29.93	30.06	30.22	29.42	60.9	61.7	76.1	66.7	57.9	58.1	63.1	60.8	77.4	59.0	68.2	94	43	56	56	55	57	56	83	81	49	71	71
October	29.97	30.11	30.37	29.62	50.0	48.6	61.7	53.6	47.2	46.0	52.2	49.6	63.8	47.9	55.8	83	32	44	43	50	46	46	81	82	54	76	73
November	30.02	30.15	30.54	29.56	43.1	42.1	53.3	49.7	40.5	39.4	45.5	42.7	55.4	41.3	48.4	76	27	37	36	37	38	37	80	79	55	72	71
December	30.00	30.14	30.49	29.18	38.2	36.8	46.6	40.8	35.7	34.5	40.9	37.7	49.9	36.0	43.0	62	18	32	31	33	33	32	78	79	61	75	73
Year	29.90	30.04	30.54	29.18	49.2	49.3	60.4	54.6	46.4	46.0	51.5	49.2	62.8	47.3	55.1	101	8	43	43	44	44	44	80	78	56	69	70

BILLINGS, MONT.

Airport [ϕ=45°48′ N.; λ=108°32′ W

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	26.40	30.29	26.85	25.94	13.0	11.3	16.6	19.2	12.0	10.2	15.0	17.0	23.9	4.7	14.3	45	−21	9	7	11	12	10	84	82	78	73	79
February	26.24	30.05	26.68	25.88	24.1	22.5	28.6	30.5	22.4	20.7	25.6	27.4	35.8	17.7	26.8	54	−1	20	18	21	22	20	83	82	74	74	78
March	26.25	29.99	26.63	25.77	34.8	32.9	41.3	43.6	31.5	29.8	35.0	35.9	47.8	29.8	38.8	64	15	27	26	27	26	26	75	76	59	52	65
April	26.30	30.03	26.97	25.97	39.2	36.1	43.9	48.6	36.4	33.9	38.9	41.2	52.5	32.4	42.4	77	6	33	31	33	33	33	81	84	71	61	74
May	26.33	29.97	26.63	25.84	54.7	48.2	65.1	70.3	46.7	42.8	50.7	51.9	74.1	45.7	59.9	92	36	39	37	37	35	37	57	67	37	30	48
June	26.30	29.92	26.57	25.97	62.7	56.1	71.8	76.1	53.4	50.2	56.5	57.9	80.4	52.9	66.6	97	41	46	46	45	45	46	58	70	42	38	52
July	26.33	29.91	26.53	26.09	69.6	61.0	77.8	84.4	58.2	55.0	62.5	63.0	90.1	59.1	74.6	102	49	50	51	53	49	51	54	70	45	34	51
August	26.35	29.92	26.67	26.11	70.6	60.3	77.6	86.1	54.2	50.3	57.8	59.3	88.6	57.9	73.2	104	47	40	41	42	39	41	36	52	31	20	35
September	26.34	29.94	26.66	26.07	63.7	57.0	68.4	74.6	52.4	49.6	55.4	57.0	78.5	53.8	66.2	98	44	42	43	46	44	44	52	63	47	39	50
October	26.32	29.97	26.74	25.94	51.3	46.0	56.6	59.5	44.4	41.6	47.5	48.0	64.4	42.1	53.2	80	32	38	37	39	37	38	61	73	55	46	59
November	26.38	30.16	26.76	26.00	27.6	26.1	29.5	31.6	24.9	23.9	26.8	27.8	37.4	20.5	29.0	58	−6	21	20	23	22	22	76	80	77	70	76
December	26.27	30.01	26.64	25.78	30.4	28.5	34.5	36.0	26.2	24.5	28.9	29.9	42.2	23.1	32.6	63	−4	20	18	21	21	20	65	67	59	56	62
Year	26.32	30.01	26.97	25.77	45.1	40.5	51.0	55.0	38.6	36.6	41.7	43.6	59.6	36.6	48.1	104	−21	32	31	33	32	32	65	72	56	49	61

BINGHAMTON, N. Y.

[ϕ=42°06′ N.; λ=75°55′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.06	30.03	29.55	28.59	15.8	14.4	22.1	18.7	14.3	13.2	19.0	16.8	24.2	11.2	17.7	45	−3	9	9	10	11	10	72	78	57	70	69
February	29.02	29.98	29.53	28.30	23.5	20.6	29.3	27.7	21.8	19.4	26.2	25.3	33.6	17.1	25.4	54	−6	18	17	20	21	19	78	85	67	73	76
March	29.00	29.96	29.50	28.60	26.1	25.0	32.3	29.5	24.3	23.3	28.5	26.9	34.4	22.2	28.3	56	5	20	20	21	22	21	76	78	62	71	72
April	29.03	29.97	29.50	28.60	37.5	37.3	48.9	44.7	34.8	34.7	40.9	39.1	51.7	33.2	42.4	77	22	31	31	31	32	31	77	78	53	63	68
May	29.00	29.93	29.28	28.64	52.6	52.4	64.6	60.9	49.5	49.1	54.9	53.6	68.0	48.4	58.2	88	30	46	46	47	47	47	81	79	55	63	70
June	29.00	29.91	29.34	28.58	60.1	61.2	72.8	69.7	56.9	57.2	62.0	61.3	75.9	54.9	65.4	90	38	55	54	55	56	55	83	79	56	63	70
July	29.14	30.05	29.48	28.90	63.7	65.0	78.4	75.6	61.5	61.8	67.9	67.1	82.4	59.5	71.0	96	45	60	60	62	63	61	88	84	60	65	74
August	29.21	30.13	29.49	28.75	61.6	60.5	74.4	70.8	59.1	58.2	63.6	63.0	77.7	57.0	67.4	90	34	58	57	57	58	58	87	88	57	66	75
September	29.14	30.07	29.49	28.58	53.6	51.2	68.3	62.5	52.1	50.1	57.9	56.6	71.4	48.5	60.0	84	31	51	49	51	52	51	90	93	55	70	77
October	29.16	30.11	29.49	28.76	42.9	39.9	55.1	49.6	40.7	38.5	47.4	44.9	58.3	35.8	47.0	78	20	38	37	40	40	39	82	89	58	70	75
November	29.16	30.11	29.65	28.71	37.5	36.2	43.0	39.6	35.5	34.2	38.0	36.6	45.7	32.3	39.0	71	14	33	32	32	33	32	83	83	65	76	77
December	29.16	30.11	29.66	28.38	30.4	29.2	36.4	33.2	28.8	27.6	33.2	31.2	40.1	23.7	31.9	59	−5	26	25	28	28	27	82	84	72	79	79
Year	29.09	30.03	29.66	28.30	42.1	41.1	52.1	48.5	39.9	38.9	45.0	43.5	55.3	37.0	46.1	96	−6	37	36	38	39	38	82	83	60	69	74

BIRMINGHAM, ALA.

Airport [ϕ=33°34′ N.; λ=86°45′ W.] City [ϕ33°32′ N.; λ=86°50′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	(1 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	29.43	30.21	29.10	28.78	25.7	22.2	34.7	30.9	24.1	20.9	30.0	27.8	39.7	21.5	30.6	65	1	21	18	21	22	20	82	85	58	68	73
February	29.28	30.04	29.71	28.75	39.8	37.6	47.4	44.7	37.2	35.8	41.6	40.6	52.4	35.6	44.0	72	22	34	34	35	35	34	80	86	63	72	75
March	29.26	30.01	29.65	28.76	46.8	44.1	58.8	55.5	43.7	41.7	49.4	48.3	63.5	43.9	53.7	80	27	40	39	40	41	40	79	82	52	60	68
April	29.25	29.99	29.57	28.89	55.8	52.9	66.0	64.5	51.0	49.6	55.2	54.8	70.9	51.7	61.3	85	27	47	47	46	46	46	73	80	51	54	65
May	29.23	29.96	29.57	28.86	57.9	58.1	75.8	72.4	54.9	54.9	60.5	60.1	78.9	57.1	68.0	91	40	53	52	49	51	51	84	83	42	50	65
June	29.28	30.01	29.45	29.05	69.2	70.6	82.7	79.4	66.5	67.1	70.6	69.9	85.6	67.3	76.4	90	59	65	65	65	65	65	87	84	56	64	73
July	29.34	30.07	29.50	29.17	71.0	71.1	82.7	80.5	69.0	69.0	72.7	72.5	86.0	69.8	77.9	96	61	68	68	68	69	68	90	90	64	70	79
August	29.26	29.99	29.45	29.11	72.4	71.8	87.2	81.7	69.5	69.0	73.0	72.2	90.5	70.7	80.6	97	59	68	68	67	68	68	87	87	51	64	72
September	29.30	30.04	29.51	28.97	63.6	61.4	82.5	74.9	59.4	58.1	65.2	63.2	86.2	62.2	74.2	95	46	57	56	55	56	56	80	83	40	54	64
October	29.35	30.10	29.56	29.11	53.0	51.0	75.4	64.5	51.0	49.6	60.0	57.1	79.2	55.0	67.1	90	40	49	48	49	52	49	88	90	42	65	71
November	29.44	30.20	29.72	28.99	47.3	44.1	59.9	52.4	43.9	41.8	50.2	47.1	63.2	43.7	53.4	81	19	40	39	40	41	40	78	84	51	66	70
December	29.35	30.11	29.70	28.55	46.2	43.9	55.3	49.8	43.9	41.9	48.3	45.9	58.7	42.8	50.6	71	26	41	40	41	42	41	84	86	61	75	76
Year	29.32	30.06	29.74	28.55	54.1	52.4	67.4	62.6	51.2	49.9	56.4	55.0	71.2	51.8	61.5	97	1	49	48	48	49	48	83	85	53	64	71

[1] Pressure 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, 1940*—Continued

BALTIMORE, MD.

Airport [H=12 ft.; H_b=16 ft.; H_t=5 ft.; H_r=2 ft.; H_a=41 ft.] City [H=14 ft.; H_b=123 ft.; H_t=100 ft.; H_r=90 ft.; H_a=215 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	1.81	1.03	9.6	4.9	11.7	SW.	38	S.	4	15	6	10	7	5	9	6	0	3	3	2	1	17	0	0	28	0	0
February	3.97	2.05	5.3	6.2	11.1	NW.	41	NW.	4	9	6	14	8	7	5	3	0	10	3	2	0	0	0	0	14	0	0
March	3.97	1.87	.8	6.6	12.0	NW.	38	SW.	5	7	11	13	11	9	3	3	0	8	3	2	1	1	0	0	14	0	2
April	6.99	2.57	.8	7.1	11.6	NW.	37	SE.	4	4	8	18	11	8	3	2	0	10	2	1	0	0	0	0	3	0	2
May	4.41	1.40	.0	7.0	11.1	NE.	37	NW.	3	4	12	15	17	12	0	0	0	9	0	0	0	0	1	0	0	0	8
June	2.37	1.68	.0	6.1	10.1	SW.	38	SW.	2	4	16	10	10	8	0	0	0	4	0	0	0	0	7	0	0	0	6
July	2.85	.92	.0	4.9	8.7	SW.	32	NW.	1	15	7	9	10	8	0	0	0	4	0	0	0	0	14	9	0	0	5
August	5.60	2.00	.0	7.5	10.0	NE.	29	NW.	0	5	7	19	14	8	0	0	0	15	1	1	1	0	2	0	0	0	3
September	1.32	1.11	.0	4.2	8.8	N.	36	NW.	1	16	8	6	6	4	0	0	0	6	0	0	0	0	1	0	0	0	4
October	2.37	.79	1.3	5.6	9.2	N.	32	NW.	1	11	9	11	9	7	2	2	1	14	0	0	0	0	0	0	1	0	2
November	5.99	1.98	T	6.4	11.1	SW.	33	SW.	1	7	7	16	10	9	5	0	0	8	0	0	0	0	0	0	3	0	0
December	2.68	.80	0.2	6.6	9.6	SW.	31	NW.	0	6	12	13	11	8	4	2	0	11	7	4	1	0	0	0	8	0	0
Year	44.33	2.57	18.0	6.1	10.4	SW.	41	NW.	26	103	109	154	124	93	31	18	1	102	19	12	4	18	25	9	71	0	32

BILLINGS, MONT.

Airport [H=3,568 ft.; H_b=3,570 ft.; H_t=18 ft.; H_r=3 ft.; H_a=39 ft.]

January	0.68	0.18	12.5	6.8	11.2	SW.	38	NW.	2	8	4	19	13	7	18	12	0	9	3	1	2	21	0	0	31	9	0
February	.74	.28	13.2	7.7	10.8	SW.	31	SW.	0	3	5	21	14	5	17	13	0	15	0	4	5	9	0	0	27	1	0
March	.60	.24	1.1	8.5	11.2	SW.	33	NW.	2	2	6	23	7	5	13	3	0	5	2	0	3	2	0	0	18	0	0
April	3.16	1.09	10.6	8.6	11.7	NE.	34	NW.	2	1	6	23	15	11	9	7	0	7	4	3	2	1	0	0	13	0	3
May	.84	.33	.0	5.8	10.2	SW.	47	NW.	6	5	16	10	5	5	0	0	1	0	0	0	0	0	1	0	0	0	2
June	2.49	.86	.0	5.4	10.6	SW.	49	NW.	6	9	13	8	10	7	0	0	2	1	1	2	0	0	7	2	0	0	5
July	.53	.16	.0	5.1	9.6	SW.	61	NW.	4	10	13	8	7	5	0	0	0	1	1	0	2	0	19	9	0	0	13
August	.13	.12	.0	3.5	9.4	SW.	34	NW.	1	15	12	4	2	1	0	0	0	0	0	1	0	0	15	6	0	0	3
September	1.09	.34	.0	5.5	8.9	SW.	40	NW.	1	7	14	9	8	5	0	0	0	4	0	3	1	0	3	1	0	0	2
October	2.47	1.02	.1	6.1	10.2	SW.	33	NW.	3	7	10	14	9	5	2	2	1	3	0	0	1	0	0	0	2	0	0
November	.71	.24	9.6	6.0	11.3	SW.	40	SW.	1	8	8	14	8	6	11	7	0	5	3	3	3	10	0	0	26	3	0
December	.06	.03	1.1	6.0	13.0	SW.	52	NW.	3	10	6	15	3	0	8	2	0	1	0	0	0	7	0	0	22	1	0
Year	13.50	1.09	48.2	6.2	10.7	SW.	61	NW.	31	85	113	168	101	62	78	46	4	51	14	17	19	50	45	18	139	14	28

BINGHAMTON, N. Y.

[H=858 ft.; H_b=871 ft.; H_t=57 ft.; H_r=49 ft.; H_a=79 ft.]

January	0.97	0.42	11.5	7.6	7.8	W.	25	SW.	0	4	9	18	13	6	24	12	0	0	0	0	0	27	0	0	31	4	0
February	3.79	2.07	25.3	8.1	6.7	NW.	29	NE.	0	3	4	22	15	12	23	14	0	2	0	0	0	12	0	0	27	2	0
March	4.87	1.98	13.1	8.1	7.7	NW.	27	NW.	0	1	9	21	17	13	24	12	0	2	0	0	0	11	0	0	27	0	0
April	3.59	1.51	1.5	7.4	7.6	NW.	24	NW.	0	4	9	17	14	8	8	3	0	5	2	1	1	1	0	0	13	0	1
May	3.71	1.01	.0	7.8	6.3	SE.	22	SE.	0	1	10	20	16	14	0	0	0	4	0	0	0	0	0	0	1	0	5
June	3.75	1.31	.0	7.4	6.0	SW.	21	W.	0	2	12	16	18	11	0	0	1	7	4	0	0	0	1	0	0	0	5
July	3.04	.91	.0	7.3	5.0	E.	17	SW.	0	2	10	19	14	8	0	0	1	16	5	1	0	0	6	1	0	0	6
August	5.42	3.31	.0	7.2	5.1	E.	17	NW.	0	6	5	20	9	8	0	0	0	15	8	3	0	0	0	0	0	0	2
September	1.51	.87	T	6.8	5.0	E.	16	NW.	0	4	14	12	8	5	1	0	0	22	11	6	3	0	0	0	1	0	1
October	2.33	1.03	T	6.7	5.3	NW.	19	SW.	0	7	7	17	9	6	2	0	0	18	6	4	2	0	0	0	9	0	2
November	2.48	.78	8.1	8.9	7.4	NW.	26	NW.	0	0	4	26	17	10	16	6	0	10	1	1	0	1	0	0	12	0	0
December	2.13	.62	.6	8.0	6.5	NW.	21	NW.	0	1	10	20	12	7	16	2	0	18	3	1	0	7	0	0	24	2	0
Year	37.59	3.31	60.1	7.6	6.3	NW.	27	NW.	0	35	103	228	162	108	114	49	2	119	40	17	6	59	7	1	145	8	22

BIRMINGHAM, ALA.

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

January	5.39	1.91	10.0	5.0	6.9	NW.	32	SE.	1	12	10	9	12	8	5	4	0	0	0	0	0	6	0	0	25	0	4
February	8.27	3.02	T	7.2	9.0	NW.	30	E.	0	6	5	18	14	11	3	0	0	2	0	0	1	0	0	0	7	0	3
March	6.46	2.05	T	5.8	8.4	N.	29	W.	0	8	13	10	14	12	1	0	2	0	0	0	0	0	0	0	5	0	7
April	3.14	1.64	.0	6.1	9.3	S.	25	SE	0	8	7	15	9	9	0	0	1	0	0	0	0	0	0	0	2	0	5
May	3.02	1.07	.0	4.0	6.2	NW.	22	S.	0	12	15	4	11	9	0	0	0	1	0	0	0	0	1	0	0	0	7
June	4.27	1.03	.0	5.2	6.3	S.	22	SW.	0	11	11	8	14	10	0	0	0	0	0	0	0	0	2	0	0	0	11
July	8.27	2.82	.0	6.5	5.3	E.	20	NW.	0	8	9	14	15	13	0	0	0	2	1	1	1	0	12	2	0	0	14
August	2.14	.77	.0	5.1	5.7	E.	24	S.	0	10	16	5	9	6	0	0	0	1	1	0	0	0	19	2	0	0	7
September	1.39	.66	.0	3.4	5.5	E.	30	S.	0	18	8	4	4	3	0	0	0	0	0	0	0	0	17	0	0	0	5
October	2.57	1.60	.0	2.7	5.2	N.	18	W.	0	23	3	5	5	4	0	0	0	1	1	1	1	0	1	0	0	0	2
November	3.81	1.70	.0	5.2	8.0	N.	36	SE.	1	13	4	13	8	8	0	0	0	1	0	0	0	0	0	0	4	0	1
December	4.32	1.33	.0	5.9	7.7	N.	24	SE.	0	13	2	16	13	11	0	0	0	3	2	1	3	0	0	0	3	0	0
Year	53.05	3.02	10.0	5.2	7.0	N.	36	SE.	2	142	103	121	128	104	9	4	3	11	5	3	6	6	52	4	46	0	66

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

BISMARCK, N. DAK.
Airport [ϕ=46°47′ N.; λ=100°48′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In. (1)	In.	In. (1)	In. (1)	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	28.39	30.32	28.79	27.80	−1.1	−2.7	7.3	6.3	−1.4	−3.0	6.4	5.7	13.8	−9.4	2.2	44	−26	−4	−4	3	3	0	88	92	81	86	87
February	28.26	30.14	28.87	27.66	14.7	12.0	19.7	19.6	14.4	11.8	18.5	18.6	24.3	7.6	16.0	52	−17	13	11	16	16	14	93	95	82	86	89
March	28.24	30.08	28.60	27.79	23.1	21.2	30.0	31.9	22.3	20.6	27.5	29.0	35.0	18.3	26.6	59	−1	21	19	23	24	22	90	92	74	72	82
April	28.23	30.05	28.90	27.74	36.1	32.0	44.3	45.5	33.9	30.8	38.6	39.1	48.8	29.4	39.1	76	9	31	29	31	31	31	81	88	63	60	73
May	28.21	29.99	28.57	27.78	49.0	45.7	64.0	65.5	44.8	43.1	51.8	52.2	69.8	41.3	55.6	91	26	40	40	40	40	40	74	83	45	42	61
June	28.15	29.90	28.52	27.85	58.8	55.6	73.0	75.1	53.2	51.6	59.3	60.0	78.4	50.4	64.4	93	41	49	48	49	49	49	71	78	46	43	59
July	28.21	29.96	28.51	27.88	66.3	62.8	81.7	83.3	61.0	59.4	66.3	66.6	87.8	59.2	73.5	99	47	58	57	58	57	57	75	82	45	43	61
August	28.24	29.99	28.58	27.85	64.5	57.5	79.0	80.1	57.8	54.6	63.4	62.8	84.4	55.4	69.9	97	39	53	52	53	51	53	68	84	44	40	59
September	28.26	30.03	28.63	27.89	58.3	50.3	74.7	74.7	52.7	48.1	60.1	59.6	80.6	48.3	64.4	98	27	48	46	50	49	48	70	86	44	42	61
October	28.17	29.97	28.64	27.58	45.9	41.6	58.6	55.2	42.9	39.8	49.0	47.8	63.7	38.1	50.9	78	25	40	38	40	40	39	80	87	52	58	69
November	28.32	30.18	28.83	27.89	20.8	19.0	27.2	25.1	19.6	18.1	24.4	22.8	31.2	13.9	22.6	55	−19	17	16	19	19	18	85	87	71	76	80
December	28.20	30.07	28.88	27.60	19.3	17.6	26.9	24.0	18.3	16.7	24.7	22.6	32.8	11.2	22.0	47	−21	16	15	20	20	18	87	88	76	84	84
Year	28.24	30.06	28.90	27.58	38.0	34.4	48.9	48.9	35.0	32.6	40.8	40.8	54.2	30.3	42.3	99	−26	32	31	34	33	32	80	87	60	61	72

BLOCK ISLAND, R. I.
[ϕ=41°10′ N.; λ=71°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	29.93	29.96	30.51	29.50	24.6	23.7	27.0	26.9	22.3	21.8	24.0	23.8	29.8	20.7	25.2	50	12	17	17	17	16	17	70	72	64	62	67
February	29.86	29.89	30.38	28.64	30.6	29.4	34.0	32.9	28.6	27.5	30.7	30.1	37.2	26.6	31.9	48	15	25	24	25	25	24	76	77	67	71	73
March	29.88	29.91	30.52	29.32	30.8	30.8	35.3	33.2	29.0	28.6	32.1	30.5	37.9	27.6	32.8	54	16	25	24	26	26	26	79	74	69	75	75
April	29.91	29.94	30.34	29.23	39.3	40.7	45.1	42.0	37.6	38.3	41.3	39.3	47.7	36.5	42.1	55	30	35	35	37	36	36	85	80	73	79	80
May	29.91	29.94	30.24	29.52	50.0	51.6	56.6	51.9	48.8	49.7	52.5	49.8	59.5	46.8	53.2	70	42	48	48	49	48	48	92	88	78	87	86
June	29.88	29.91	30.31	29.52	57.9	60.4	64.0	59.8	56.1	57.8	59.9	57.5	67.1	54.5	60.8	77	51	54	56	57	56	56	89	86	79	87	85
July	30.01	30.04	30.31	29.70	64.7	67.1	72.6	67.2	63.3	64.7	67.4	64.4	74.8	64.0	69.4	86	55	62	63	65	63	63	93	88	77	86	86
August	30.10	30.13	30.42	29.63	63.7	65.7	70.6	65.9	61.2	62.6	64.2	62.5	72.4	60.5	66.4	79	51	59	60	60	60	60	87	84	71	82	81
September	30.00	30.02	30.34	29.50	61.1	61.8	67.6	62.1	57.9	58.1	60.2	58.6	69.5	57.1	63.3	79	45	55	55	55	56	55	82	80	65	81	77
October	30.03	30.06	30.42	29.69	50.3	49.6	54.7	50.9	46.5	46.3	48.6	46.3	56.7	45.4	51.0	69	33	42	43	42	42	42	74	77	63	71	72
November	30.05	30.08	30.62	29.52	44.6	45.0	46.9	44.7	41.2	41.8	42.9	41.3	50.0	39.9	45.0	60	24	37	38	38	36	37	75	76	71	72	73
December	30.07	30.10	30.60	29.42	38.0	37.1	40.2	39.5	36.0	34.8	36.9	36.8	45.5	31.5	38.5	56	9	33	31	32	32	32	81	77	72	76	76
Year	29.97	30.00	30.62	28.64	46.3	46.9	51.2	48.1	44.0	44.3	46.7	45.1	54.0	42.6	48.3	86	9	41	41	42	41	41	82	80	71	77	78

BOISE, IDAHO
Airport [ϕ=43°34′ N.; λ=116°13′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	(1)	30.18	(1)	(1)	26.92	31.4	29.5	33.1	36.5	30.0	28.5	30.9	33.5	39.8	26.3	33.0	52	16	28	27	28	29	28	85	90	80	74	82
February	27.14	30.02	27.53	26.75	36.7	35.8	41.4	43.1	34.3	33.5	37.1	38.2	46.3	31.5	38.9	63	21	31	30	32	32	32	81	81	69	67	75
March	27.15	30.01	27.58	26.60	41.5	38.2	48.8	54.0	37.7	35.4	41.0	43.2	56.2	35.0	45.6	70	24	33	32	32	30	32	73	78	54	43	62
April	27.14	29.98	27.53	26.78	46.2	41.7	53.4	58.7	42.1	38.8	45.4	47.2	61.1	39.0	50.0	78	31	38	36	37	35	37	74	79	56	45	64
May	27.13	29.93	27.42	26.87	56.8	49.0	67.7	74.4	47.9	43.2	52.8	54.6	76.3	46.3	61.3	92	35	40	37	40	38	39	54	66	38	27	46
June	27.11	29.89	27.34	26.78	64.9	56.1	76.3	84.0	51.1	46.9	56.0	58.7	85.4	53.8	69.6	109	40	39	38	40	39	39	41	53	29	23	37
July	27.10	29.86	27.31	26.85	70.7	61.0	79.5	88.6	54.9	51.2	60.3	61.4	90.6	59.2	74.9	99	50	42	43	47	42	43	38	54	33	22	37
August	27.12	29.88	27.33	26.93	69.7	59.8	80.2	89.7	52.8	47.9	58.5	60.9	90.9	57.5	74.2	100	48	38	36	42	40	39	33	43	27	18	30
September	27.13	29.93	27.32	26.85	60.2	55.8	66.1	71.4	54.3	51.5	56.7	58.2	74.4	51.9	63.2	93	38	50	48	51	50	50	74	80	61	51	66
October	27.18	30.01	27.52	26.69	50.1	46.7	58.3	62.5	45.9	43.6	50.0	52.2	66.0	42.7	54.4	78	30	42	41	43	44	42	76	81	60	53	67
November	27.32	30.23	27.73	26.92	33.9	31.6	38.0	39.2	33.1	30.7	35.4	36.4	43.2	27.8	35.5	59	15	32	30	32	33	32	92	92	79	79	86
December	27.20	30.10	27.57	26.57	33.2	31.8	37.1	38.2	30.7	29.4	33.7	34.7	43.2	27.4	35.3	55	9	27	26	29	30	28	79	79	72	72	75
Year	27.16	30.00	27.73	26.57	49.6	44.8	56.7	61.7	42.9	40.0	46.5	48.3	64.4	41.5	53.0	109	9	37	35	38	37	37	67	73	55	48	61

BOSTON, MASS.
Airport [ϕ=42°22′ N.; λ=71°02′ 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)	29.94	(1)	(1)	29.31	20.4	18.8	26.8	24.4	18.0	16.9	23.1	21.2	29.6	16.4	23.0	52	8	10	11	13	12	12	63	69	54	58	61
February	29.75	29.90	30.28	28.84	26.9	25.5	33.9	30.4	24.7	23.6	29.6	27.3	36.0	23.2	29.6	47	10	20	19	22	21	20	72	74	60	66	68
March	29.74	29.88	30.43	29.16	30.3	29.0	37.6	34.2	27.6	26.2	32.4	30.3	39.5	26.7	33.1	60	14	21	20	23	23	22	68	66	55	62	63
April	29.79	29.93	30.21	29.15	40.0	40.5	47.4	43.6	36.3	36.5	40.8	38.8	50.6	36.5	43.6	75	26	31	31	32	32	31	71	69	60	67	67
May	29.81	29.94	30.13	29.38	52.6	53.9	60.8	56.7	48.8	49.4	52.7	50.7	63.7	48.8	56.2	75	43	45	45	45	45	45	77	74	62	68	70
June	29.75	29.88	30.17	29.34	60.6	62.2	70.3	65.5	55.5	56.2	59.2	57.5	73.5	56.7	65.1	90	46	51	51	51	51	51	73	70	54	64	65
July	29.88	30.01	30.19	29.61	66.8	69.2	76.5	71.8	62.7	63.4	66.2	64.8	79.9	63.2	71.6	95	55	60	60	60	61	60	80	73	60	69	70
August	29.99	30.12	30.32	29.48	63.4	65.3	73.9	68.2	59.6	60.0	63.7	62.1	76.6	60.3	68.4	86	46	57	56	57	58	57	80	73	57	72	70
September	29.88	30.01	30.30	29.35	59.3	59.1	68.5	62.7	55.7	55.0	58.7	57.0	71.3	55.3	63.3	86	42	53	52	52	53	52	80	77	56	71	71
October	29.92	30.06	30.30	29.49	46.5	45.8	57.4	50.1	42.4	41.8	47.5	44.8	58.7	42.4	50.6	77	28	37	37	36	38	37	70	70	46	65	63
November	29.93	30.07	30.49	29.43	40.5	40.7	46.7	42.8	37.4	37.6	40.8	38.7	49.5	36.3	42.9	71	17	33	34	33	33	33	76	75	61	69	70
December	29.95	30.09	30.50	29.30	32.5	31.8	39.1	34.9	29.9	29.5	34.5	31.6	41.9	26.7	34.3	58	2	24	25	26	25	25	72	74	61	68	69
Year	29.85	29.99	30.50	28.84	45.0	45.2	53.2	48.8	41.6	41.3	45.8	43.7	55.9	41.0	48.5	95	2	37	37	38	38	37	73	72	57	67	67

[1] Pressure at airport adjusted to the old (city) station elevation: Bismarck, 1,677 feet; Boise, 2,739 feet; Boston, 124 feet.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

BISMARCK, N. DAK.

Airport [H=1,652 ft.; H_b=1,660 ft.; H_t=5 ft.; H_r=3 ft.; H_a=41 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.02	0.01	0.1	6.6	9.8	NW.	34	NW.	1	8	6	17	2	0	18	2	0	12	1	0	2	28	0	0	31	23	0
February	.28	.10	3.4	8.5	8.7	SE.	27	SE.	0	1	6	22	10	2	21	10	0	16	2	2	2	25	0	0	29	9	0
March	.79	.21	9.2	8.1	10.1	E.	37	NW.	2	2	6	23	13	7	20	13	0	11	0	2	1	14	0	0	31	1	0
April	2.93	1.07	7.5	7.9	13.6	N.	38	N.	4	1	12	17	10	6	8	4	0	5	0	1	1	2	0	0	19	0	2
May	1.04	.74	.0	5.4	10.6	NW.	38	W.	5	7	19	5	7	5	0	0	0	2	0	0	0	0	1	0	2	0	2
June	2.13	.66	.0	4.6	12.3	NW.	49	NW.	5	12	13	5	9	7	0	0	1	1	0	0	0	0	2	0	0	0	5
July	3.35	1.32	.0	5.5	10.4	SE.	36	N.	3	7	14	10	11	8	0	0	0	5	0	1	1	0	15	6	0	0	15
August	.32	.20	.0	3.6	10.9	SE.	34	E.	2	18	9	4	4	2	0	0	0	3	1	0	0	0	9	3	0	0	4
September	1.38	1.01	.0	3.9	10.2	E.	34	SE.	3	16	10	4	4	3	0	0	0	4	0	1	0	0	7	2	2	0	3
October	1.38	.97	.0	5.7	9.6	NW.	38	W.	3	10	8	13	7	5	0	0	0	4	3	2	2	0	0	0	6	0	1
November	.47	.12	7.4	7.2	11.0	NW.	38	NW.	2	3	10	17	7	4	12	7	0	4	1	1	2	13	0	0	30	5	0
December	.10	.04	1.8	6.3	8.4	NW.	42	NW.	2	10	4	17	4	1	10	4	0	11	2	4	3	14	0	0	31	9	0
Year	14.19	1.32	29.4	6.1	10.5	NW.	49	NW.	32	95	117	154	88	50	89	40	1	78	10	14	14	96	34	11	181	47	32

BLOCK ISLAND, R. I.

[H=35 ft.; H_b=26 ft.; Ht=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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.01	1.84	2.2	4.0	20.4	W.	43	W.	12	17	8	6	6	4	13	3	0	1	1	0	1	23	0	0	27	0	0
February	2.92	1.20	2.6	5.4	18.2	N.	50	NE.	13	11	8	10	12	7	8	4	0	6	2	0	0	4	0	0	22	0	0
March	2.92	.93	1.3	4.5	18.3	W.	43	W.	13	13	11	7	12	8	6	3	1	6	3	2	1	4	0	0	25	0	2
April	5.01	1.62	T	5.4	16.3	W.	43	NE.	7	13	4	13	13	10	3	0	0	9	5	5	5	0	0	0	3	0	0
May	3.31	1.24	.0	6.2	13.9	S.	32	S.	1	7	12	12	15	11	0	0	0	17	11	6	7	0	0	0	0	0	3
June	1.88	.63	.0	4.5	13.7	SW.	30	NE.	0	15	5	10	9	7	0	0	0	13	3	1	5	0	0	0	0	0	3
July	2.21	1.63	.0	3.6	11.3	SW.	30	NE.	0	17	10	4	7	6	0	0	0	15	4	4	8	0	0	0	0	0	6
August	1.16	.48	.0	3.9	11.4	S.	25	NW.	0	17	8	6	7	5	0	0	0	10	3	3	3	0	0	0	0	0	1
September	2.85	1.12	.0	3.4	13.0	SW.	38	N.	3	18	7	5	7	6	0	0	0	8	4	2	3	0	0	0	0	0	3
October	2.52	.99	.0	3.5	16.2	N.	38	NW.	6	18	7	6	12	8	0	0	0	3	0	0	0	0	0	0	0	0	0
November	6.37	1.96	2.5	5.6	18.8	W.	45	E.	14	9	10	11	11	9	4	3	0	5	0	0	1	0	0	0	4	0	0
December	3.10	1.17	T	5.5	16.1	W.	43	NW.	6	13	5	13	14	8	4	1	0	10	4	0	2	0	0	0	15	0	0
Year	36.26	1.96	8.6	4.6	15.6	W.	50	NE.	75	168	95	103	125	89	38	14	1	103	40	23	36	31	0	0	96	0	18

BOISE, IDAHO

[H=2,843 ft.; H_b=2,858 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.84	0.52	3.5	7.0	8.6	SE.	31	SE.	0	5	11	15	13	11	13	5	0	10	3	6	3	4	0	0	26	0	0
February	1.78	.29	1.5	8.0	11.5	SE.	43	SW.	2	3	5	21	19	11	10	6	0	8	0	0	1	0	0	0	17	0	0
March	2.26	.80	T	6.4	10.7	SE.	34	NW.	3	8	7	16	11	10	2	1	2	2	0	0	0	0	0	0	11	0	0
April	1.80	.53	.0	6.6	10.6	NW.	38	NW.	2	4	15	11	12	9	0	0	0	2	0	0	0	0	0	0	4	0	1
May	.09	.06	.0	4.5	10.1	NW.	40	SW.	2	12	11	8	3	1	0	0	0	0	0	0	0	0	1	0	0	0	3
June	.08	.08	.0	3.3	10.1	NW.	43	NW.	2	19	5	6	1	1	0	0	0	0	0	0	0	0	11	6	0	0	0
July	.36	.23	.0	3.9	8.8	NW.	35	SW.	3	16	11	4	4	2	0	0	0	0	0	0	0	0	22	8	0	0	6
August	.01	.01	.0	3.3	9.2	NW.	21	NW.	0	18	8	5	1	0	0	0	0	0	0	0	0	0	15	9	0	0	1
September	1.87	.36	.0	6.6	8.9	SE.	37	W.	1	4	11	15	11	10	0	0	0	6	1	4	1	0	5	0	0	0	8
October	1.82	.63	.0	5.7	8.7	SE.	32	E.	1	9	9	13	10	8	0	0	0	3	1	0	0	0	0	0	1	0	2
November	1.32	.51	4.7	6.8	8.6	SE.	35	SE.	2	9	2	19	14	11	8	7	1	13	4	6	3	1	0	0	23	0	0
December	.54	.16	T	5.8	9.5	SE.	40	E.	1	11	5	15	9	6	3	1	0	6	4	3	2	4	0	0	22	0	0
Year	13.77	.80	9.7	5.7	9.6	SE.	43	SW.	19	118	100	148	108	80	36	20	3	50	13	19	10	9	54	23	104	0	21

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.68	1.31	4.6	4.9	12.9	W.	36	SE.	4	15	5	11	10	4	13	7	0	2	1	1	1	20	0	0	28	0	0
February	4.78	1.79	23.8	6.2	12.7	NW.	51	NE.	6	8	8	13	12	9	13	9	0	5	2	1	0	6	0	0	27	0	0
March	3.83	1.68	.3	5.5	12.9	W.	34	W.	1	11	9	11	11	9	6	2	1	8	3	2	1	5	0	0	24	0	2
April	4.58	1.48	1.5	6.7	13.3	NW.	43	NE.	4	6	9	15	13	9	3	2	1	11	7	4	3	0	0	0	4	0	1
May	3.28	1.34	.0	7.0	11.7	S.	32	S.	1	4	12	15	14	13	9	0	0	16	5	3	1	0	0	0	0	0	2
June	1.80	.56	.0	5.8	11.0	W.	31	NW.	0	8	11	11	13	9	0	0	1	8	3	2	2	0	1	0	0	0	3
July	3.17	1.50	.0	5.5	8.8	SW.	29	W.	0	9	15	7	12	8	0	0	0	15	2	2	1	0	5	0	0	0	6
August	.85	.48	.0	4.5	9.7	SW.	25	SW.	0	15	10	6	7	4	0	0	0	9	2	2	0	0	0	0	0	0	1
September	2.32	1.11	.0	5.0	9.8	NW.	33	NE.	1	12	8	10	11	9	0	0	0	9	2	1	1	0	0	0	0	0	2
October	.76	.44	T	4.5	11.4	NW.	31	NW.	0	12	13	6	9	6	1	0	0	2	0	0	0	0	0	0	5	0	1
November	6.24	1.42	8.5	6.9	12.1	W.	43	SW.	2	6	7	17	14	9	7	4	0	7	0	0	0	0	0	0	8	0	0
December	2.76	1.04	4.5	6.8	10.2	NW.	35	SW.	2	7	6	18	13	10	9	2	0	10	8	7	4	5	0	0	21	0	1
Year	36.05	1.79	43.2	5.8	11.4	NW.	51	NE.	21	113	113	140	139	99	52	26	3	102	35	25	14	36	6	0	117	0	19

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

BROWNSVILLE, TEX.

Airport [ϕ=25°55′ 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.	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	30.11	30.17	30.58	29.48	50.9	48.4	59.4	54.8	48.2	45.6	52.1	50.0	63.1	45.2	54.2	80	25	45	42	46	45	44	81	78	62	70	73
February	29.93	29.99	30.37	29.46	58.0	55.9	69.8	65.9	55.0	53.6	59.3	58.5	72.6	53.4	63.0	92	38	52	51	51	52	52	83	85	54	64	72
March	29.87	29.93	30.45	29.60	62.5	61.2	73.7	69.3	60.3	59.2	63.4	62.6	76.2	59.4	67.8	88	46	58	58	56	58	57	88	89	57	69	76
April	29.82	29.88	30.49	29.47	68.9	66.7	79.8	75.0	65.5	64.6	68.6	67.9	81.6	65.2	73.4	91	45	63	63	62	63	63	84	89	56	70	75
May	29.86	29.92	30.08	29.64	72.7	70.6	84.6	78.6	69.8	68.7	72.2	70.6	84.8	70.3	77.6	93	62	68	68	66	67	67	87	91	55	68	75
June	29.82	29.88	30.00	29.66	76.1	74.4	89.4	83.5	73.0	72.4	75.5	74.8	89.9	74.2	82.0	94	68	72	72	69	71	71	86	91	52	67	74
July	29.91	29.97	30.04	29.76	78.8	76.1	90.9	86.8	75.6	74.4	77.0	76.3	91.5	76.5	84.0	95	69	74	74	72	72	73	86	92	54	62	74
August	29.84	29.90	30.05	29.66	79.8	76.8	92.6	86.8	76.2	74.7	77.0	76.7	93.3	77.3	85.3	101	70	75	74	71	73	73	85	91	50	63	72
September	29.88	29.94	30.08	29.68	73.9	70.4	87.6	82.6	70.6	68.7	73.6	72.7	89.0	71.6	80.3	99	56	69	68	67	68	68	85	92	52	62	73
October	29.95	30.01	30.28	29.66	69.5	66.8	83.0	76.6	66.6	65.2	70.6	69.2	83.6	67.9	75.8	90	56	65	64	64	65	65	86	92	54	79	78
November	30.01	30.07	30.57	29.63	64.9	62.8	73.6	68.4	62.2	60.7	65.2	63.5	75.3	61.4	68.4	88	38	60	59	59	60	60	86	88	63	76	78
December	29.94	30.00	30.33	29.24	61.2	58.6	69.6	64.7	59.1	56.8	62.3	61.1	70.6	57.2	63.9	82	43	57	55	57	58	57	88	89	68	82	82
Year	29.91	29.97	30.58	29.24	68.1	65.7	79.5	74.4	65.2	63.7	68.1	67.0	81.0	65.0	73.0	101	25	63	62	62	63	62	85	89	56	69	75

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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.16	30.03	29.66	28.50	16.3	15.0	20.5	18.0	15.3	14.2	18.9	17.0	23.0	13.2	18.1	47	−3	13	12	15	14	13	85	87	77	84	83
February	29.16	30.02	29.67	28.51	22.3	20.4	28.0	25.1	21.6	19.7	25.8	23.7	30.2	19.7	25.0	43	4	20	18	21	20	20	90	90	75	81	84
March	29.11	29.97	29.62	28.69	24.8	23.4	29.9	27.4	23.6	22.4	27.4	25.6	33.0	20.9	27.0	59	6	21	20	22	22	22	84	87	73	78	81
April	29.14	29.98	29.62	28.70	35.7	37.0	46.9	42.8	33.6	34.4	39.5	38.0	48.4	31.9	40.2	74	16	31	31	30	32	31	82	79	55	67	70
May	29.09	29.92	29.37	28.65	49.2	50.9	62.4	55.1	47.0	48.2	53.1	50.3	61.6	44.5	53.0	82	34	45	46	45	46	45	86	83	56	74	75
June	29.08	29.90	29.42	28.55	59.6	62.4	71.1	66.4	56.9	58.3	62.1	59.4	69.6	56.5	63.0	88	45	55	55	56	54	55	85	79	62	67	73
July	29.24	30.06	29.57	28.96	64.1	66.3	77.9	73.4	61.2	62.5	65.7	64.9	75.9	63.3	69.6	87	49	59	60	58	60	60	86	81	53	64	71
August	29.27	30.09	29.56	28.80	62.4	63.7	76.8	70.8	59.3	59.9	64.4	63.3	77.2	61.9	69.6	91	48	57	58	57	59	58	84	81	53	67	71
September	29.24	30.07	29.62	28.59	54.4	54.3	67.1	60.3	52.7	52.5	58.1	55.8	67.2	54.8	61.0	77	40	51	51	52	52	52	90	89	59	76	78
October	29.26	30.10	29.55	28.71	43.2	41.5	54.6	47.8	41.1	39.6	47.0	44.2	55.7	42.3	49.0	75	28	39	38	39	40	39	85	86	58	76	76
November	29.22	30.08	29.70	28.68	37.4	36.0	40.8	39.0	34.8	33.6	36.8	36.3	44.9	33.6	39.2	66	20	31	30	32	33	32	79	79	71	80	77
December	29.22	30.08	29.78	28.42	31.0	30.9	34.9	31.4	29.3	29.5	32.0	29.5	38.6	27.0	32.8	58	5	27	27	27	26	27	84	85	74	81	81
Year	29.18	30.02	29.78	28.42	41.7	41.8	50.9	46.5	39.7	39.6	44.2	42.3	52.1	39.1	45.6	91	−3	37	37	38	38	38	85	84	64	75	77

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
	(1 3)	(3)	(1 3)	(1 3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
January	29.51	29.99	30.05	28.98	9.5	7.4	16.8	13.4	8.7	6.6	15.0	12.2	19.8	3.5	11.6	37	−14	6	3	9	8	6	84	82	68	78	78
February	29.53	30.00	30.05	28.65	15.8	13.0	22.8	18.9	14.8	12.0	20.5	17.5	26.0	8.4	17.2	37	−11	12	9	15	14	12	85	81	69	78	78
March	29.45	29.91	30.10	28.95	22.2	21.4	29.8	26.1	21.1	20.1	26.8	23.9	32.5	17.1	24.8	49	−7	18	16	21	19	18	82	78	67	72	75
April	29.49	29.94	29.98	28.98	35.2	36.2	44.8	41.2	32.4	33.3	38.2	36.0	47.5	31.0	39.2	74	18	28	29	29	28	29	75	75	57	63	68
May	29.48	29.92	29.80	29.05	51.4	53.8	62.8	58.8	48.2	49.7	54.0	52.1	65.6	46.5	56.0	78	30	45	46	46	46	45	79	75	56	64	68
June	29.42	29.85	29.82	29.02	57.8	60.2	69.1	64.5	55.1	56.2	60.5	58.2	71.5	53.5	62.5	84	39	53	53	54	53	53	85	78	62	70	74
July	29.57	30.00	29.92	29.25	62.9	65.4	75.7	71.0	60.2	61.9	65.3	64.1	78.4	58.3	68.4	90	45	59	60	59	60	59	86	82	58	69	74
August	29.67	30.10	29.97	29.12	60.9	62.6	74.2	68.4	57.6	59.0	63.9	60.8	76.0	56.3	66.2	86	42	55	56	57	56	56	82	80	57	64	71
September	29.58	30.01	30.03	28.99	54.1	54.1	65.5	59.8	52.0	51.9	57.5	54.8	67.1	49.4	58.2	76	35	50	50	51	51	50	87	86	61	73	77
October	29.61	30.06	29.96	29.16	41.8	40.2	50.8	45.9	38.5	37.9	43.6	40.9	53.1	36.3	44.7	76	22	34	35	35	35	35	75	81	55	65	69
November	29.60	30.05	30.16	29.08	35.4	33.0	38.7	36.8	33.0	31.2	34.9	34.1	41.5	29.5	35.5	63	2	30	28	29	30	29	80	83	69	76	77
December	29.63	30.09	30.14	28.95	21.7	21.1	28.3	24.5	20.8	20.1	26.2	23.3	32.1	14.9	23.5	42	−17	18	18	22	20	20	86	85	75	84	83
Year	29.54	29.99	30.16	28.65	39.1	39.0	48.3	44.1	36.9	36.7	42.2	39.8	50.9	33.7	42.3	90	−17	34	34	36	35	34	82	80	63	71	74

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	29.83	30.23	30.21	28.90	----	16.6	23.4	25.9	----	15.5	21.3	23.4	29.7	14.2	22.0	51	−6	----	12	15	17	15	----	82	69	68	73
February	29.64	30.03	30.17	29.14	----	33.4	38.9	39.8	----	31.6	35.4	36.0	43.2	30.5	36.8	57	20	----	29	30	31	30	----	82	71	71	75
March	29.61	30.06	30.16	29.21	----	41.0	48.7	50.7	----	38.0	41.7	43.3	54.5	38.8	46.6	80	22	----	34	33	34	34	----	76	57	55	63
April	29.56	29.94	30.07	29.18	----	50.8	60.5	61.7	----	46.5	51.2	51.9	65.2	47.9	56.6	84	29	----	42	42	42	42	----	72	54	53	60
May	29.56	29.93	29.83	29.24	----	57.6	70.0	70.6	----	53.4	57.3	58.2	74.1	55.6	64.8	88	42	----	50	48	49	49	----	76	46	48	57
June	29.58	29.95	29.83	29.30	----	69.7	79.9	80.5	----	65.6	68.0	69.0	84.0	66.8	75.4	92	58	----	63	61	63	62	----	81	56	57	65
July	29.68	30.05	29.91	29.49	----	71.4	82.6	81.9	----	68.3	71.7	72.4	86.0	69.3	77.6	96	59	----	67	66	68	67	----	86	59	64	70
August	29.61	29.98	29.82	29.40	----	71.6	83.5	81.9	----	69.0	72.1	71.7	86.9	69.9	78.4	93	59	----	68	67	67	67	----	88	58	62	69
September	29.69	30.07	29.95	29.28	----	61.2	78.1	76.3	----	57.3	62.5	63.5	82.1	59.7	70.9	94	45	----	54	52	55	54	----	79	41	49	56
October	29.70	30.08	29.94	29.39	----	54.6	73.5	----	----	51.6	58.4	----	76.3	53.4	64.8	86	41	----	49	47	----	48	----	82	39	----	60
November	29.79	30.18	30.18	29.07	----	42.8	51.4	----	----	40.0	44.3	----	55.6	38.8	47.2	77	16	----	36	36	----	36	----	78	57	----	68
December	29.72	30.11	30.18	29.12	----	38.6	45.9	----	----	36.8	41.6	----	50.7	36.0	43.4	65	20	----	34	36	----	35	----	85	71	----	78
Year	29.66	30.05	30.21	28.90	----	50.8	61.4	----	----	47.8	52.1	----	65.7	48.4	57.0	96	−6	----	45	44	----	45	----	81	56	----	66

[1] Pressure at airport adjusted to the old (city) station elevation: Brownville, 57 feet; Buffalo, 768 feet; Burlington, 403 feet.
[2] Airport data. [3] Airport data beginning 1:30 p. m. Nov. 11, 1940.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

BROWNSVILLE, TEX.

Airport [H=16 ft.; H_b=20 ft.; H_t=19 ft.; H_r=18 ft.; H_a=31 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: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.29	0.23	0.0	7.5	11.6	NW.	38	N.	3	4	8	19	5	1	0	0	0	4	4	3	2	0	0	0	6	0	0
February	.35	.23	.0	5.1	13.3	SE.	45	NW.	4	11	9	9	6	1	0	0	1	2	2	0	0	0	1	0	0	0	1
March	3.57	1.98	.0	6.3	11.9	SE.	34	N.	1	5	13	13	7	6	0	0	1	1	1	1	0	0	0	0	0	0	4
April	.08	.04	.0	6.0	13.2	SE.	32	NW.	1	7	11	12	4	0	0	0	0	0	0	0	0	0	2	0	0	0	0
May	2.40	1.96	.0	5.6	11.6	SE.	27	NW.	0	9	12	10	8	3	0	0	1	0	0	0	0	0	1	0	0	0	3
June	1.68	.75	.0	5.6	10.1	SE.	24	S.	0	4	20	6	9	6	0	0	0	0	0	0	0	0	11	0	0	0	3
July	1.56	.51	.0	5.1	10.5	SE.	32	NE.	1	5	22	4	12	11	0	0	0	0	0	0	0	0	25	3	0	0	6
August	.27	.13	.0	4.5	11.0	SE.	24	S.	0	11	15	5	3	3	0	0	0	0	0	0	0	0	29	6	0	0	2
September	1.58	1.27	.0	4.9	8.6	E.	23	NW.	0	9	17	4	4	2	0	0	0	0	0	0	0	0	15	3	0	0	3
October	5.74	2.10	.0	5.9	9.5	SE.	27	SE.	0	6	15	10	10	8	0	0	0	0	0	0	0	0	1	0	0	0	2
November	2.34	1.25	.0	7.0	11.2	SE.	28	SE.	0	4	10	16	11	7	0	0	0	1	1	1	1	0	0	0	0	0	0
December	6.95	3.93	.0	6.7	11.7	NW.	43	NW.	3	6	9	16	10	9	0	0	0	3	3	3	1	0	0	0	0	0	5
Year	26.81	3.93	.0	5.8	11.2	SE.	45	NW.	13	81	161	124	89	57	0	0	3	11	11	8	4	0	85	12	6	0	29

BUFFALO, N. Y.

Airport [H=693 ft.; H_b=706 ft.; H_t=34 ft.; H_r=31 ft.; H_a=96 ft.] City [H=603 ft.; H_b=768 ft.; H_r=243 ft.; H_t=237 ft.; H_a=279 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.47	0.47	27.6	8.0	19.0	W.	54	SW.	12	2	7	22	25	16	27	23	0	4	3	0	0	26	0	0	30	2	0
February	3.71	.96	20.2	7.4	13.9	W.	45	W.	5	5	4	20	17	13	21	17	0	7	0	0	0	17	0	0	29	0	0
March	2.35	.45	15.7	7.4	16.2	W.	50	SW.	7	4	7	20	16	12	18	12	0	6	1	0	0	14	0	0	27	0	0
April	2.31	1.05	5.1	6.5	14.0	W.	43	SW.	4	8	5	17	13	8	5	5	0	6	1	1	0	2	0	0	14	0	2
May	3.51	1.54	.0	7.2	11.8	SW.	52	W.	4	5	7	19	19	13	0	0	0	5	0	0	0	0	0	0	0	0	5
June	4.44	2.22	.0	6.0	14.6	SW.	49	SW.	10	5	15	10	12	11	0	0	0	6	1	0	0	0	0	0	0	0	7
July	1.48	.59	.0	4.5	11.1	SW.	40	NW.	2	15	11	5	8	6	0	0	0	3	1	0	0	0	0	0	0	0	6
August	3.12	1.21	.0	5.5	10.6	S.	45	SW.	2	9	10	12	11	10	0	0	0	5	0	0	0	0	1	0	0	0	5
September	3.72	1.58	.0	5.8	11.4	SW.	36	SW.	2	8	11	11	11	6	0	0	1	10	0	0	0	0	0	0	0	0	4
October	1.15	.61	T	6.0	11.8	NW.	45	W.	5	8	11	12	11	7	1	0	0	4	1	0	0	0	0	0	7	0	3
November	4.38	.86	17.5	8.1	18.3	W.	57	SW.	17	3	5	22	18	13	15	10	1	0	0	0	0	2	0	0	14	0	1
December	3.37	.73	12.1	7.9	15.5	W.	49	W.	10	3	8	20	17	15	13	10	0	7	1	0	0	5	0	0	21	0	0
Year	36.01	2.22	98.2	6.7	14.0	W.	57	SW.	80	75	101	190	179	130	100	77	2	63	9	1	0	66	1	0	142	2	33

BURLINGTON, VT.

Airport [H=331 ft.; H_b=340 ft.; H_t=6 ft.; H_r=4 ft.; H_a=64 ft.] [H=398 ft.; H_b=403 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: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.77	0.30	9.9	6.7	8.4	S.	43	SE.	2	9	3	19	7	6	21	6	0	5	0	0	0	28	0	0	31	13	0
February	1.48	.99	14.1	7.5	7.6	N.	26	NW.	0	3	8	18	11	6	23	11	0	1	0	0	0	26	0	0	29	6	0
March	3.22	.99	17.1	7.2	8.5	W.	32	S.	1	7	5	19	14	11	18	11	0	3	2	1	1	10	0	0	29	2	0
April	1.88	.61	6.6	7.0	9.8	N.	32	S.	1	6	6	18	12	10	12	6	0	4	1	0	1	2	0	0	18	0	0
May	4.78	1.36	.0	6.8	7.5	S.	26	SE.	0	5	8	18	16	12	0	0	0	7	2	1	1	0	0	0	1	0	6
June	3.32	1.02	.0	6.2	8.4	S.	27	S.	0	7	8	15	20	14	0	0	0	9	1	0	0	0	0	0	0	0	4
July	6.11	1.97	.0	5.9	6.3	S.	22	S.	0	6	14	11	14	12	0	0	0	8	2	0	0	0	1	0	0	0	7
August	2.11	.85	.0	4.8	7.6	S.	24	S.	0	13	9	9	6	5	0	0	0	3	0	0	0	0	0	0	0	0	1
September	2.54	.86	.0	6.7	6.2	S.	25	S.	0	6	8	16	10	7	0	0	0	8	1	0	0	0	0	0	0	0	1
October	2.70	1.46	T	6.0	8.8	NW.	31	S.	0	10	6	15	11	7	3	1	0	9	1	0	0	0	0	0	12	0	2
November	2.67	.59	5.2	8.4	10.6	S.	35	S.	3	2	5	23	14	11	14	9	0	4	0	0	0	5	0	0	17	0	0
December	2.50	.85	8.2	7.8	9.8	S.	35	S.	2	3	8	20	15	8	15	8	0	9	5	0	3	12	0	0	27	5	0
Year	34.08	1.97	61.1	6.8	8.3	S.	43	SE.	9	77	88	201	150	109	106	52	0	70	15	2	6	83	1	0	164	26	21

CAIRO, ILL.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.64	1.31	7.8	5.9	8.4	NW.	37	SW.	1	9	9	13	13	9	14	9	0	5	3	3	2	19	0	0	30	5	0
February	3.51	1.23	4.3	8.1	9.1	N.	24	S.	0	4	2	23	13	13	7	6	1	3	3	3	3	0	0	0	15	0	0
March	3.25	1.45	2.6	7.0	9.6	NE.	26	N.	0	4	10	17	11	8	4	2	1	2	2	1	1	1	0	0	10	0	5
April	7.92	2.72	T	6.5	11.3	S.	34	N.	1	7	7	16	14	9	1	0	0	0	0	0	0	0	0	0	1	0	8
May	1.92	.62	.0	5.7	8.2	SW.	25	S.	0	7	12	12	10	9	0	0	0	0	0	0	0	0	0	0	0	0	3
June	3.17	1.54	.0	6.0	7.0	S.	43	N.	1	8	9	13	10	7	0	0	0	0	0	0	0	0	4	0	0	0	8
July	1.39	1.06	.0	5.4	6.4	S.	32	N.	1	10	12	9	7	4	0	0	0	0	0	0	0	0	8	2	0	0	9
August	.77	.34	.0	6.3	5.7	S.	20	NW.	0	5	15	11	7	5	0	0	0	1	1	1	1	0	9	0	0	0	6
September	1.75	1.71	.0	3.9	5.8	NE.	28	N.	0	16	7	7	2	2	0	0	0	0	0	0	0	0	7	0	0	0	2
October	.73	.48	.0	3.4	6.7	S.	26	N.	0	19	6	6	5	3	0	0	0	0	0	0	0	0	0	0	0	0	1
November	4.09	1.14	.0	6.0	9.5	S.	38	SW.	1	10	5	15	10	10	0	0	0	1	1	1	1	2	0	0	8	0	1
December	2.92	.82	.2	7.2	8.9	N.	30	SW.	0	4	8	19	11	8	1	1	0	5	3	3	3	1	0	0	8	0	0
Year	34.06	2.72	14.9	6.0	8.0	S.	43	N.	5	103	102	161	113	87	27	18	2	17	13	12	11	23	28	2	72	5	43

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

CANTON, N. Y.

[ϕ=44°36′ 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	29.49	30.01	30.06	28.91	7.3	5.4	14.6	10.5	6.8	5.0	13.1	9.9	17.5	−0.7	8.4	41	−22	6	4	8	8	7	94	94	75	90	88
February	29.51	30.02	30.03	28.75	14.2	11.3	22.3	18.1	13.7	10.9	20.1	17.0	25.1	6.5	15.8	37	−16	12	10	14	14	13	91	93	70	84	84
March	29.42	29.92	30.04	28.95	19.8	18.1	27.5	24.5	19.0	17.2	25.2	23.1	30.5	12.9	21.7	50	−11	17	15	20	20	18	89	87	72	81	82
April	29.46	29.94	29.96	28.98	34.7	35.4	45.7	41.0	32.6	33.2	39.1	36.9	48.4	30.2	39.3	76	18	29	29	30	31	30	81	74	59	69	71
May	29.43	29.90	29.74	29.03	51.1	53.5	64.3	60.1	48.2	49.4	55.0	52.8	67.6	45.9	56.8	83	27	45	45	47	46	46	82	75	55	63	69
June	29.38	29.84	29.74	28.94	58.3	61.7	69.5	65.3	55.2	57.5	60.7	59.0	73.2	53.3	63.2	84	40	53	54	55	54	54	83	78	61	70	73
July	29.55	30.01	29.87	29.23	62.7	66.3	77.3	71.0	59.6	61.8	66.4	63.8	79.8	58.6	69.2	89	47	58	59	60	59	59	84	78	57	68	72
August	29.62	30.09	29.91	29.08	61.5	63.3	75.7	69.2	58.1	59.1	64.2	62.5	78.3	55.4	66.8	90	40	56	56	57	58	57	82	78	54	69	71
September	29.55	30.02	29.98	28.88	53.4	54.2	67.9	59.0	51.4	51.8	57.7	54.2	69.7	47.8	58.8	78	30	50	50	50	50	50	88	86	53	74	75
October	29.59	30.07	29.94	29.09	39.9	38.4	52.6	44.6	37.6	36.5	41.3	40.9	54.2	32.6	43.4	76	17	35	34	35	36	35	83	86	52	73	73
November	29.56	30.05	30.08	29.03	33.1	31.4	38.1	34.8	31.5	30.0	34.6	32.6	41.6	26.6	34.1	67	−2	30	28	30	29	29	87	87	73	81	82
December	29.58	30.08	30.10	28.85	21.4	22.7	28.0	24.1	20.3	21.6	26.1	23.0	31.5	12.0	21.8	47	−21	18	20	22	21	20	87	88	78	87	85
Year	29.51	30.00	30.10	28.75	38.1	38.6	48.6	43.5	36.2	36.2	42.2	39.6	51.4	31.8	41.6	90	−22	34	34	36	36	35	86	84	63	76	77

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	30.05	30.07	30.49	29.22	----	28.7	33.3	32.5	----	26.6	30.1	29.5	36.6	25.6	31.1	63	16	----	22	24	24	23	----	75	68	69	71
February	29.93	29.95	30.40	29.01	----	37.8	41.2	39.9	----	35.6	37.2	36.8	46.8	32.8	39.8	66	20	----	32	31	32	32	----	80	70	75	75
March	29.95	29.97	30.41	29.48	----	40.3	47.9	44.4	----	37.5	42.0	40.5	52.0	36.7	44.4	74	27	----	33	34	36	34	----	76	62	72	70
April	29.94	29.96	30.35	29.37	----	50.6	56.1	52.0	----	47.5	49.4	48.0	60.9	44.2	52.6	85	33	----	44	43	44	44	----	79	64	75	73
May	29.89	29.91	30.22	29.51	----	61.8	68.1	63.7	----	57.9	60.6	58.7	71.7	56.6	64.2	90	43	----	55	55	55	55	----	79	67	76	74
June	29.93	29.95	30.26	29.57	----	72.8	79.9	76.1	----	68.3	69.7	69.0	83.5	67.7	75.6	96	56	----	66	64	65	65	----	80	61	71	71
July	30.04	30.06	30.32	29.87	----	74.7	81.7	76.9	----	70.7	73.0	71.7	84.2	69.1	76.6	96	58	----	69	69	69	69	----	83	68	78	76
August	30.04	30.06	30.28	29.62	----	74.9	78.9	75.8	----	71.3	72.8	71.7	80.8	71.9	76.4	91	60	----	70	70	70	70	----	84	75	82	80
September	30.01	30.03	30.42	29.56	----	68.6	75.8	69.5	----	64.1	66.6	63.9	77.2	63.7	70.4	92	53	----	61	62	60	61	----	79	62	74	72
October	30.06	30.08	30.43	29.70	----	56.5	62.9	59.0	----	53.3	56.0	54.8	65.8	53.0	59.4	82	42	----	51	51	52	51	----	81	66	77	75
November	30.13	30.15	30.63	29.65	----	49.6	56.4	52.7	----	46.7	49.9	47.8	59.5	46.0	52.8	77	31	----	43	43	42	43	----	80	64	70	71
December	30.11	30.13	30.53	29.40	----	44.6	50.8	47.0	----	42.4	46.2	44.1	54.6	41.1	47.8	73	28	----	40	41	41	41	----	83	71	80	78
Year	30.01	30.03	30.63	29.01	----	55.1	61.1	57.5	----	51.8	54.5	53.0	64.5	50.7	57.6	96	16	----	49	49	49	49	----	80	66	75	74

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	29.05	30.27	29.35	28.42	6.5	4.4	13.6	11.0	6.0	4.0	12.1	10.5	16.4	0.6	8.5	34	−21	4	2	7	7	5	88	90	72	83	83
February	28.96	30.10	29.62	28.30	20.4	17.8	26.8	24.8	19.4	16.9	24.2	23.2	29.5	13.9	21.7	38	−21	17	14	19	20	18	87	87	70	79	81
March	28.92	30.05	29.43	28.19	26.3	22.6	32.4	31.5	24.7	21.5	28.4	28.5	35.5	21.1	28.3	68	2	22	19	21	23	21	82	85	62	71	75
April	28.91	30.01	29.42	28.37	41.3	38.0	51.5	49.9	37.2	35.1	42.2	41.6	55.1	34.7	44.9	76	18	32	31	30	31	31	71	77	47	52	62
May	28.84	29.93	29.18	28.43	50.7	49.0	63.2	63.4	46.6	46.0	53.4	52.3	68.2	44.8	56.5	90	31	43	43	42	42	42	76	80	51	50	64
June	28.83	29.96	29.21	28.50	63.8	62.9	77.3	76.1	59.5	58.7	63.5	63.6	80.8	58.6	69.7	94	49	57	56	55	56	56	79	78	48	52	64
July	28.97	30.03	29.25	28.64	68.7	67.6	83.1	81.6	63.7	62.9	68.1	67.9	86.5	63.7	75.1	102	50	61	60	60	60	60	78	78	48	49	63
August	28.95	30.03	29.25	28.68	64.9	62.8	73.8	72.2	62.9	61.0	65.7	65.6	76.6	60.4	68.5	91	47	62	60	61	62	61	90	90	67	72	80
September	29.02	30.11	29.39	28.68	58.3	54.2	72.5	68.2	55.2	52.2	60.8	60.3	75.0	52.2	63.6	88	36	53	50	52	54	53	84	88	50	63	72
October	28.95	30.04	29.31	28.59	50.3	45.4	63.0	57.3	46.5	43.3	52.3	51.0	65.6	43.8	54.7	82	33	43	41	42	45	43	78	85	49	66	69
November	29.00	30.13	29.54	27.85	29.9	28.0	35.5	32.0	28.3	26.7	31.6	29.8	39.1	23.2	31.2	68	1	26	24	26	26	26	85	86	67	79	79
December	28.99	30.12	29.59	28.45	23.7	22.3	28.9	26.4	22.8	21.5	27.0	25.9	31.6	17.6	24.6	48	−15	21	20	24	23	22	89	90	80	86	86
Year	28.95	30.06	29.62	27.85	42.1	39.6	51.8	49.5	39.4	37.5	44.0	43.4	55.0	36.2	45.6	102	−21	37	35	37	37	36	82	84	59	67	73

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)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)						(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
January	30.06	30.12	30.44	29.49	----	34.3	45.5	42.1	----	31.6	38.8	37.9	47.9	32.1	40.0	66	19	----	27	28	31	29	----	73	53	67	64
February	29.97	30.02	30.41	29.47	----	43.8	55.1	50.0	----	41.0	47.6	45.8	56.7	41.0	48.8	72	26	----	37	39	41	39	----	78	56	72	69
March	29.95	30.00	30.44	29.29	----	48.8	61.3	55.8	----	45.7	53.5	51.4	63.3	46.7	55.0	77	33	----	42	47	47	45	----	78	61	76	72
April	29.96	30.01	30.34	29.48	----	58.4	68.8	63.3	----	54.3	58.3	57.0	71.2	54.1	62.6	88	36	----	51	50	52	51	----	76	54	68	66
May	29.90	29.95	30.31	29.58	----	67.0	75.7	70.8	----	62.0	64.2	63.1	77.0	62.5	70.2	84	47	----	59	56	58	58	----	76	54	65	65
June	29.97	30.02	30.18	29.64	----	78.7	84.7	79.7	----	73.2	74.0	73.6	87.6	74.1	80.8	100	65	----	71	69	71	70	----	77	62	75	71
July	30.02	30.07	30.19	29.82	72.6	75.4	86.7	78.7	71.0	72.3	75.2	74.0	87.7	75.0	81.4	100	67	70	71	70	72	71	92	86	60	80	80
August	29.93	29.99	30.15	29.61	74.2	74.8	85.1	78.1	72.3	72.8	75.2	74.2	86.4	75.0	80.7	96	68	72	72	71	72	72	92	91	64	84	83
September	29.96	30.01	30.18	29.65	66.3	66.5	81.1	71.9	64.0	64.1	68.6	67.2	81.9	67.9	74.9	91	51	62	63	62	65	63	88	88	54	78	77
October	30.02	30.07	30.28	29.75	55.1	53.8	74.9	61.7	53.7	52.6	62.1	59.0	74.4	58.7	66.6	85	51	52	52	54	57	54	92	93	50	86	80
November	30.12	30.17	30.47	29.74	50.5	48.3	66.4	54.4	48.8	46.8	55.5	51.5	67.2	50.9	59.0	79	28	47	45	45	49	46	88	88	50	82	77
December	30.06	30.11	30.43	29.38	48.4	46.1	62.4	53.0	46.7	44.6	54.2	50.3	62.2	47.9	55.0	77	33	45	43	47	48	46	88	88	59	83	79
Year	29.99	30.05	30.47	29.29	----	58.0	70.6	63.3	----	55.1	60.6	58.8	72.0	57.2	64.6	100	19	----	53	53	55	54	----	83	56	76	74

[1] Airport data beginning with July.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

CANTON, N. Y.

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

Month	Precipitation				Wind					Number of days																	
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall	Cloudiness 0 to 10	Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	0.91	0.42	8.3	6.1	8.5	W.	31	SE.	0	10	3	18	11	6	20	10	0	0	0	0	0	27	0	0	31	20	0
February	1.44	.74	11.1	6.9	7.9	W.	29	E.	0	5	6	18	12	9	19	11	0	0	0	0	0	24	0	0	29	7	0
March	3.36	1.38	24.9	6.7	9.3	W.	30	SW.	0	7	9	15	16	13	22	14	0	1	0	0	0	20	0	0	29	6	0
April	2.28	.78	4.4	7.1	9.1	W.	32	SW.	1	6	6	18	13	11	8	6	0	3	0	0	0	2	0	0	22	0	0
May	2.50	.76	T	7.4	7.4	W.	29	SW.	0	5	6	20	15	14	1	0	0	2	1	1	1	0	0	0	4	0	3
June	7.00	5.07	.0	6.9	8.1	SW.	24	W.	0	3	11	16	16	9	0	0	1	2	0	0	0	0	0	0	0	0	7
July	3.76	1.29	.0	5.8	6.2	W.	19	SW.	0	6	16	9	13	11	0	0	0	1	0	0	0	0	0	0	0	0	10
August	2.56	3.06	.0	5.6	5.6	SW.	18	W.	0	6	16	9	8	8	0	0	0	3	0	0	0	0	1	0	0	0	2
September	3.49	1.40	.0	6.0	6.4	W.	24	SW.	0	6	13	11	9	5	0	0	0	3	1	1	2	0	0	0	1	0	2
October	1.85	1.31	.2	6.9	7.1	W.	30	W.	0	5	8	18	12	7	3	1	0	1	1	2	0	0	0	0	14	0	3
November	3.42	.81	13.3	8.7	9.3	SW.	35	SW.	1	0	7	23	22	16	16	11	0	0	0	0	0	5	0	0	20	2	0
December	3.43	.90	15.7	7.6	8.5	W.	34	SW.	1	5	7	19	20	13	18	11	0	7	1	1	0	15	0	0	28	9	0
Year	36.00	5.07	77.9	6.8	7.8	W.	35	SW.	3	64	108	194	167	122	107	64	1	23	4	5	3	93	1	0	178	44	27

CAPE HENRY, VA.

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

January	1.54	.63	9.0	5.3	14.3	N.	52	N.	7	9	11	11	8	7	8	6	0	3	0	0	2	9	0	0	27	0	0
February	2.90	.96	.8	6.0	13.1	N.	52	NW.	7	9	7	13	12	11	4	3	0	2	1	0	5	1	0	0	13	0	1
March	2.45	.82	4.5	5.6	12.4	SE.	34	N.	4	11	10	10	11	8	2	2	0	5	0	0	4	0	0	0	9	0	3
April	3.61	1.77	.3	6.0	13.0	SE.	45	NW.	4	7	11	12	11	11	2	2	0	1	1	0	1	0	0	0	0	0	4
May	3.36	.91	.0	6.0	11.9	SW.	34	E.	3	8	12	11	14	9	0	0	0	7	0	0	3	0	0	0	0	0	5
June	.81	.31	.0	5.4	9.8	SW.	29	N.	0	9	13	8	10	6	0	0	0	3	0	0	2	0	7	1	0	0	7
July	3.42	1.23	.0	5.0	8.6	SW.	42	NE.	2	13	9	9	10	9	0	0	0	1	0	0	0	0	10	5	0	0	6
August	7.25	3.47	.0	5.7	12.9	SE.	30	N.	0	6	19	6	11	9	0	0	0	0	0	0	0	0	1	0	0	0	6
September	3.50	1.39	.0	4.4	13.3	NE.	57	N.	4	16	6	8	6	6	0	0	0	0	0	0	0	0	1	0	0	0	3
October	1.52	.73	.0	4.0	13.5	N.	41	N.	5	20	1	10	8	6	0	0	0	0	0	0	0	0	0	0	0	0	1
November	5.15	2.53	T	5.4	13.7	SW.	35	N.	6	9	12	9	8	7	1	0	0	0	0	0	0	0	0	0	1	0	0
December	1.10	.56	.0	5.4	12.0	N.	36	N.	4	13	5	13	9	5	0	0	0	8	1	0	7	0	0	0	2	0	0
Year	36.61	3.47	14.6	5.4	12.4	SW.	57	N.	46	130	116	120	118	94	17	13	0	30	3	0	24	10	19	6	52	0	36

CHARLES CITY, IOWA

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

January	0.53	0.44	7.2	4.7	6.7	NW.	19	NW.	0	15	4	12	4	3	13	4	0	2	2	1	0	30	0	0	31	17	0
February	1.33	.64	12.7	6.7	6.4	N.	24	W.	0	5	9	15	11	7	15	9	0	6	6	2	2	19	0	0	28	4	0
March	1.50	.61	16.8	6.9	7.2	NE.	25	SW.	0	6	10	15	8	7	12	8	0	2	1	1	0	10	0	0	27	0	0
April	2.24	.97	T	6.7	7.7	SE.	25	SE.	0	7	8	15	12	8	2	1	0	6	2	1	0	0	0	0	10	0	2
May	2.64	1.04	T	5.2	6.3	NW.	23	SW.	0	11	10	10	11	8	1	1	1	1	1	1	0	0	1	0	2	0	3
June	3.53	1.98	.0	4.4	6.5	SW.	22	SW.	0	12	12	6	10	8	0	0	0	2	1	0	0	0	4	0	0	0	4
July	10.35	6.74	.0	4.2	5.8	SE.	23	SE.	0	16	9	6	9	7	0	0	0	1	0	0	0	0	11	6	0	0	10
August	8.76	3.17	.0	6.9	5.0	SE.	21	W.	0	7	8	16	16	12	0	0	0	5	1	0	0	0	1	0	0	0	8
September	2.63	1.16	.0	2.8	5.1	SE.	17	SE.	0	19	8	3	5	4	0	0	0	3	2	0	0	0	0	0	0	0	4
October	3.02	1.08	.0	4.2	5.8	SE.	19	N.	0	15	9	7	9	7	0	0	0	6	2	2	2	0	0	0	0	0	5
November	3.62	1.51	7.0	6.8	7.6	NW.	34	W.	1	8	3	19	10	8	8	3	0	2	1	0	0	9	0	0	21	0	1
December	1.58	.94	16.3	7.7	6.6	N.	20	NW.	0	6	5	20	9	6	16	9	0	9	5	3	3	14	0	0	30	4	0
Year	41.73	6.74	60.0	5.6	6.4	SE.	34	W.	1	127	95	144	114	85	67	35	1	45	24	11	7	82	17	6	149	25	37

CHARLESTON, S. C.

Airport [H=43 ft.; H_b=48 ft.; H_t=4 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.]

January	3.31	1.36	T	5.1	9.5	NW.	29	NW.	0	13	6	12	10	7	2	0	0	5	4	3	2	1	0	0	15	0	2
February	3.73	1.66	0.0	6.2	11.0	W.	42	E.	2	8	8	13	11	7	0	0	0	5	3	2	1	0	0	0	5	0	3
March	2.62	1.40	.0	5.8	10.4	SW.	27	E.	0	10	10	11	7	5	0	0	0	5	4	3	3	0	0	0	0	0	3
April	1.77	.87	.0	5.1	11.7	S.	27	W.	0	11	10	9	5	4	0	0	0	1	1	1	2	0	0	0	0	0	2
May	2.01	1.18	.0	3.2	10.4	S.	25	NW.	0	18	8	5	9	7	0	0	0	1	1	1	0	0	0	0	0	0	6
June	2.07	1.40	.0	5.7	10.0	SW.	24	NE.	0	6	14	10	5	5	0	0	0	0	0	0	0	0	10	5	0	0	2
July	7.15	3.46	.0	5.4	8.9	SW.	24	SE.	0	13	8	10	10	8	0	0	0	0	0	0	0	0	11	5	0	0	6
August	16.71	8.55	.0	6.4	12.2	SE.	66	E.	2	5	13	13	16	12	0	0	0	0	0	0	0	0	5	2	0	0	11
September	2.16	1.25	.0	4.8	11.4	N.	32	N.	1	13	6	11	4	3	0	0	0	2	0	0	0	0	4	0	0	0	0
October	.06	.06	.0	3.3	8.8	N.	22	NE.	0	19	5	7	2	1	0	0	0	10	2	1	3	0	0	0	0	0	1
November	1.54	.74	.0	5.1	9.3	N.	24	NE.	0	12	4	14	11	5	0	0	0	3	1	0	2	0	0	0	1	0	1
December	2.36	.81	.0	5.7	9.9	N.	26	E.	0	9	8	14	9	7	0	0	0	3	4	1	0	0	0	0	0	0	0
Year	45.49	8.55	T	5.2	10.3	N.	66	E.	5	137	100	129	99	71	2	0	0	35	20	12	13	1	30	12	21	0	37

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

CHARLOTTE, N. C.

Airport [ϕ=35°14′ 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	29.25	30.11	29.66	28.82	26.7	23.1	36.8	31.5	24.4	21.5	31.4	27.9	39.6	23.1	31.4	57	6	19	18	21	21	20	72	80	55	64	68
February	29.14	29.99	29.57	28.52	38.1	36.0	49.2	44.7	35.6	33.7	41.5	39.8	52.7	34.8	43.8	66	21	32	30	31	33	32	77	78	52	64	68
March	29.15	29.99	29.60	28.63	42.2	39.3	54.2	50.3	38.8	36.8	45.1	43.9	58.5	38.7	48.6	75	22	34	33	35	37	35	74	80	52	63	67
April	29.15	29.97	29.57	28.61	52.7	51.0	67.0	60.7	48.0	47.4	55.2	52.7	70.0	48.2	59.1	85	28	43	44	45	46	44	71	77	47	59	64
May	29.10	29.92	29.45	28.74	59.2	59.6	75.6	70.3	55.3	55.6	61.1	59.8	79.3	56.5	67.9	96	39	52	52	51	52	52	79	78	45	56	65
June	29.17	29.98	29.38	28.87	69.8	70.8	85.4	79.7	66.3	67.0	70.5	69.5	88.8	67.7	78.2	96	59	64	65	63	64	64	84	82	49	61	69
July	29.26	30.07	29.48	29.08	71.5	71.6	84.8	80.3	68.0	68.0	71.9	71.8	88.2	69.3	78.8	103	60	66	66	66	68	67	84	84	56	67	73
August	29.20	30.01	29.41	28.89	71.3	70.9	83.4	77.7	68.6	68.8	72.1	71.1	86.0	69.2	77.6	94	61	65	68	67	68	67	85	90	59	74	77
September	29.23	30.05	29.47	28.81	64.4	61.8	80.2	71.6	59.9	58.8	65.1	63.3	82.6	60.3	71.4	95	43	57	57	56	58	57	77	84	45	64	67
October	29.26	30.09	29.53	28.95	55.0	50.2	71.4	62.3	51.5	48.3	57.8	55.3	74.6	51.4	63.0	87	39	49	46	48	50	48	80	88	46	66	70
November	29.33	30.17	29.75	28.95	46.9	43.2	58.8	51.2	44.1	41.3	49.8	46.7	61.4	42.5	52.0	78	26	40	39	40	42	40	79	84	54	71	72
December	29.29	30.13	29.68	28.59	42.4	39.1	53.1	47.3	40.2	37.5	46.5	43.9	55.7	38.2	47.0	70	19	37	35	39	40	38	82	85	62	75	76
Year	29.21	30.04	29.75	28.52	53.4	51.4	66.7	60.6	50.1	48.7	55.7	53.8	69.8	50.0	59.9	103	6	46	46	47	48	47	79	82	52	65	70

CHATTANOOGA, TENN.

Airport [ϕ=35°03′ N.; λ=85°12′ W.] City [35°04′ N.; λ=85°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 3)	(3)	(1 3)	(1 3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
January	29.34	30.20	29.63	28.73	24.0	20.4	34.1	30.7	21.9	19.0	29.5	27.3	36.6	20.7	28.6	54	0	17	15	21	20	18	72	77	57	64	68
February	29.20	30.03	29.64	28.70	37.2	36.0	46.0	43.0	34.9	33.8	40.9	39.2	49.3	33.9	41.6	66	20	32	30	34	34	33	80	80	66	72	75
March	29.19	30.01	29.60	28.71	44.1	42.2	55.1	52.9	41.3	39.7	47.2	46.3	59.1	41.5	50.3	78	25	38	37	39	40	38	79	81	58	62	70
April	29.17	29.98	29.51	28.77	53.4	51.0	64.8	62.6	49.1	47.9	54.5	53.7	69.2	50.0	59.6	88	28	45	45	46	46	45	74	80	54	57	67
May	29.14	29.94	29.48	28.74	58.2	57.2	75.9	72.3	54.4	54.2	60.5	60.2	79.4	55.5	67.4	94	42	52	52	50	52	51	80	83	43	52	64
June	29.21	30.00	29.38	28.93	68.9	69.2	83.5	78.9	66.1	65.9	69.9	69.7	87.0	66.5	76.8	95	56	65	64	63	65	64	86	84	52	65	72
July	29.29	30.08	29.46	29.11	69.6	70.0	83.2	77.8	68.1	68.1	72.1	71.8	86.4	66.7	76.6	97	56	67	67	67	69	68	92	91	61	76	80
August	29.20	29.99	29.40	29.00	71.0	70.3	84.8	80.1	69.0	68.7	72.9	72.9	88.5	67.1	77.8	95	56	68	68	68	70	68	91	92	58	72	78
September	29.25	30.05	29.46	28.89	60.4	57.8	80.1	71.9	58.6	56.5	65.0	64.0	83.5	54.1	68.8	96	38	57	55	56	59	57	90	92	44	65	73
October	29.28	30.10	29.51	28.97	50.7	47.0	73.4	61.7	49.2	46.1	58.8	55.6	76.9	44.5	60.7	87	38	48	45	48	51	48	90	94	43	69	74
November	29.37	30.20	29.71	28.95	42.6	38.0	57.0	50.1	40.1	37.6	48.2	45.1	60.5	35.6	48.0	78	14	37	36	38	39	38	81	88	53	67	72
December	29.29	30.13	29.68	28.56	39.6	38.1	52.5	46.2	38.5	37.4	46.5	43.1	55.5	33.5	44.5	67	17	37	36	40	39	38	90	94	64	78	81
Year	29.32	30.06	29.79	28.64	51.6	49.8	65.9	60.7	49.3	47.9	55.5	54.1	69.3	47.5	58.4	97	0	47	46	48	49	47	84	86	54	67	73

CHEYENNE, WYO.

Airport [ϕ=41°08′ N.; λ=104°48′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	(1)		(1)	(1)																							
January	23.95	30.19	24.22	23.59	16.6	16.8	23.5	20.4	14.5	14.6	20.0	17.7	29.2	8.5	18.8	48	−19	10	10	14	13	12	73	73	65	71	70
February	23.89	30.01	24.21	23.52	26.1	25.1	34.1	31.9	22.9	22.0	28.3	27.0	38.4	19.7	29.0	63	4	18	17	20	20	19	71	69	58	62	65
March	23.89	29.92	24.13	23.47	32.9	30.8	44.4	43.5	28.7	26.9	34.6	34.3	49.4	26.5	38.0	70	12	23	22	23	23	23	68	69	46	48	58
April	23.92	29.92	24.35	23.49	36.9	33.6	48.2	49.2	33.2	30.4	38.5	38.6	54.4	29.6	42.0	74	9	29	27	28	27	28	75	76	50	46	62
May	24.04	29.95	24.32	23.80	47.1	42.6	63.7	63.0	41.1	38.1	47.5	47.7	68.4	39.4	53.9	84	27	35	34	33	33	34	66	71	36	37	53
June	24.04	29.88	24.27	23.78	58.4	52.2	75.6	75.3	47.8	45.0	53.6	54.0	80.3	49.3	64.8	94	32	39	39	37	38	38	51	63	28	30	43
July	24.13	29.96	24.37	23.86	62.5	57.6	80.2	76.2	56.0	53.1	60.3	60.1	84.5	55.7	70.1	97	47	52	50	49	51	51	70	78	38	46	58
August	24.13	29.97	24.39	23.93	60.2	54.2	77.4	75.0	52.2	48.7	57.1	56.6	82.2	52.2	67.2	93	45	47	45	44	45	45	63	72	34	38	52
September	24.11	29.99	24.28	23.94	55.4	51.0	68.5	65.2	51.2	48.3	54.4	54.0	71.7	48.5	60.1	91	38	48	46	45	47	46	80	83	49	57	67
October	24.06	30.01	24.39	23.64	42.6	40.7	60.5	55.7	37.5	36.0	45.4	43.7	64.2	36.3	50.2	75	25	32	31	31	32	32	67	69	36	44	54
November	24.00	30.14	24.29	23.65	28.7	26.5	39.0	33.5	24.9	23.0	30.3	27.9	43.4	21.1	32.2	62	−12	20	18	19	21	19	68	70	46	60	61
December	23.94	30.06	24.22	23.53	28.3	26.9	38.1	32.7	23.4	22.3	29.6	26.7	42.4	20.5	31.4	64	−13	16	15	18	18	17	60	61	46	56	56
Year	24.01	30.00	24.39	23.47	41.3	38.2	54.4	51.8	36.1	34.0	41.6	40.7	59.0	33.9	46.5	97	−19	31	30	30	31	30	68	71	44	50	58

CHICAGO, ILL., UNIVERSITY OBSERVATORY

[ϕ=41°47′ N.; λ=87°36′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.35	30.12	29.74	28.20	----	13.5	19.1	18.9	----	12.5	17.3	17.2	22.5	10.0	16.2	40	−14	----	9	12	12	11	----	81	72	73	75
February	29.30	30.06	29.83	28.76	----	27.6	31.3	30.9	----	25.8	28.4	28.5	34.1	24.4	29.2	42	5	----	22	23	24	23	----	79	70	74	74
March	29.26	30.01	29.78	28.83	----	29.0	34.1	33.1	----	26.9	30.0	29.6	37.2	27.3	32.2	69	9	----	23	23	24	23	----	76	64	68	69
April	29.26	30.00	29.71	28.77	----	40.4	47.6	45.3	----	37.4	41.1	39.9	51.3	37.8	44.6	76	24	----	33	33	33	33	----	76	59	64	66
May	29.17	29.90	29.55	28.73	----	50.6	57.0	54.5	----	47.3	50.0	49.1	61.1	47.1	54.1	85	31	----	44	44	44	44	----	80	66	72	73
June	29.19	29.90	29.57	28.74	----	63.7	73.1	68.5	----	59.2	62.2	59.9	76.8	58.1	67.4	92	47	----	56	56	54	55	----	78	56	63	66
July	29.35	30.07	29.63	28.93	----	68.4	79.8	77.1	----	63.2	66.5	65.6	83.0	65.3	74.2	101	52	----	60	59	59	59	----	76	52	57	62
August	29.31	30.02	29.59	29.06	----	67.8	75.2	73.2	----	64.1	67.1	66.6	78.0	66.1	72.0	92	54	----	62	63	63	63	----	82	67	72	74
September	29.39	30.11	29.72	28.96	----	58.4	69.9	66.0	----	55.3	59.8	59.2	72.5	56.6	64.6	90	42	----	53	52	54	53	----	82	57	68	69
October	29.34	30.06	29.62	29.01	----	52.0	62.8	59.4	----	48.9	54.4	53.0	64.9	49.9	57.4	83	42	----	46	48	48	47	----	80	60	66	69
November	29.37	30.12	29.78	28.38	----	35.4	42.2	40.4	----	32.9	37.1	36.1	45.8	31.4	38.6	70	8	----	29	30	30	30	----	78	63	67	69
December	29.36	30.11	29.89	28.82	----	31.6	34.4	34.5	----	29.8	32.0	32.1	39.0	28.0	33.5	53	−5	----	27	28	28	28	----	82	76	78	79
Year	29.30	30.04	29.89	28.20	----	44.9	52.2	50.2	----	41.9	45.5	44.7	55.5	41.8	48.7	101	−14	----	39	39	39	39	----	79	64	68	70

[1] Pressure at airport adjusted to the old (city) station elevation: Charlotte, 779 feet; Chattanooga, 672 feet; Cheyenne, 6,094 feet.
[2] Airport data.
[3] Airport data beginning with July.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

CHARLOTTE, N. C.

Airport [H=753 ft.; H_b=769 ft.; H_t=5 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: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity	Wind: Direction of maximum velocity	Wind: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	4.00	1.56	7.8	4.6	6.4	N.	20	NE.	0	15	4	12	9	6	8	5	0	7	6	5	3	4	0	0	26	0	0
February	3.60	1.56	T	6.8	8.0	SW.	32	NW.	1	5	9	15	12	12	1	0	0	8	6	5	5	0	0	0	10	0	2
March	2.96	.76	2.8	5.8	8.0	NE.	26	W.	0	11	8	12	13	9	1	1	1	11	3	3	1	0	0	0	8	0	1
April	2.03	.94	.0	5.9	8.5	SW.	28	SW.	0	7	11	12	6	5	0	0	0	1	0	0	0	0	0	0	1	0	3
May	3.92	1.94	.0	5.7	7.1	SW.	26	NW.	0	7	11	13	13	11	0	0	0	0	0	0	0	0	2	1	0	0	8
June	4.53	1.89	.0	6.0	6.9	SW.	24	SW.	0	5	17	8	9	8	0	0	0	0	0	0	0	0	13	4	0	0	8
July	4.50	2.02	.0	6.6	5.7	NE.	18	SW.	0	7	8	16	9	7	0	0	0	0	0	0	0	0	12	8	0	0	6
August	5.67	2.46	.0	6.9	7.0	NE.	21	NE.	0	4	12	15	14	11	0	0	0	0	0	0	0	0	6	0	0	0	4
September	.55	.17	.0	4.4	6.5	NE.	26	NW.	0	14	9	7	6	5	0	0	0	0	0	0	0	0	5	0	0	0	2
October	1.73	.72	.0	3.2	5.5	NE.	24	NE.	0	21	5	5	6	5	0	0	0	3	0	0	1	0	0	0	0	0	2
November	5.50	2.25	.0	6.0	6.5	SW.	17	SE.	0	11	3	16	8	8	0	0	0	2	2	2	1	0	0	0	5	0	0
December	2.83	1.03	.0	5.8	7.2	NE.	21	SW.	0	8	11	12	12	9	0	0	0	9	5	5	3	0	0	0	4	0	0
Year	41.82	2.46	10.5	5.6	6.9	SW.	32	NW.	1	115	108	143	117	96	10	6	1	41	22	20	14	4	38	13	54	0	36

CHATTANOOGA, TENN.

Airport [H=671 ft.; H_b=688 ft.; H_t=21 ft.; H_r=3 ft.; H_a=54 ft.] City [H=689 ft.; H_b=672 ft.; H_t=71 ft.; H_r=64 ft.; H_a=214 ft.]

January	2.84	1.02	11.6	5.1	8.4	W.	30	W.	0	13	5	13	12	9	11	5	0	3	2	0	0	8	0	0	26	1	0
February	7.14	2.83	T	7.9	8.7	NE.	34	W.	1	3	6	20	13	12	6	0	0	12	4	1	0	0	0	0	12	0	1
March	4.98	1.21	1.6	6.0	9.2	NW.	27	W.	0	9	6	16	13	11	2	1	0	2	0	0	0	0	0	0	4	0	7
April	3.86	1.57	0	6.4	10.1	SE.	30	SW.	0	6	10	14	10	8	0	0	1	0	0	0	0	0	0	0	1	0	4
May	3.10	1.46	.0	4.5	8.4	W.	26	W.	0	13	12	6	9	7	0	0	0	0	0	0	0	0	5	0	0	0	4
June	5.37	2.37	.0	5.7	7.0	W.	34	W.	1	6	15	9	13	12	0	0	0	3	0	0	0	0	8	0	0	0	12
July	6.32	1.60	.0	6.9	4.4	S.	23	NW.	0	6	9	16	19	14	0	0	0	25	7	7	5	0	12	6	0	0	10
August	3.89	1.61	.0	5.9	5.1	N.	29	W.	0	7	14	10	8	8	0	0	0	18	3	3	2	0	14	0	0	0	5
September	.49	.49	.0	3.9	4.7	N.	25	NE.	0	16	8	6	2	2	0	0	0	22	9	6	5	0	6	1	0	0	1
October	2.52	1.12	.0	3.4	3.8	[1] Di.	21	S.	0	19	4	8	3	3	0	0	0	16	5	3	3	0	0	0	0	0	1
November	2.90	.91	.0	5.9	6.5	NW.	25	SE.	0	11	3	16	9	8	0	0	0	13	3	3	2	0	0	0	11	0	0
December	4.47	1.68	T	6.8	5.4	N.	24	SW.	0	7	7	17	12	11	1	0	0	20	11	9	8	0	0	0	20	0	0
Year	47.88	2.83	13.2	5.7	6.8	N.	34	W.	2	116	99	151	123	105	20	6	1	134	44	32	25	8	45	7	74	1	45

CHEYENNE, WYO.

Airport [H=6,139 ft.; H_b=6,144 ft.; H_t=5 ft.; H_r=15 ft.; H_a=44 ft.]

January	1.54	0.29	18.5	6.2	10.6	NW.	40	NW.	4	10	4	17	14	9	19	14	0	14	6	5	5	15	0	0	31	10	0
February	.56	.28	6.9	7.3	14.3	NW.	44	NW.	11	6	4	19	6	4	11	6	0	8	2	0	1	9	0	0	24	0	0
March	1.21	.38	9.7	6.7	14.0	NW.	35	NW.	9	5	10	16	8	7	11	7	0	8	1	1	2	4	0	0	25	0	0
April	1.36	.58	9.5	7.7	13.7	NW.	43	N.	6	1	13	16	9	6	13	6	2	9	4	3	2	1	0	0	17	0	4
May	1.29	.46	T	6.2	10.2	NW.	42	NW.	2	7	11	13	8	7	1	0	1	2	1	1	0	0	0	0	1	0	5
June	.37	.56	.0	4.9	10.7	NW.	42	NW.	3	9	15	6	7	5	0	0	2	0	0	0	0	0	4	0	0	0	9
July	2.87	1.23	.0	6.3	9.5	NW.	35	NE.	3	4	17	10	14	10	0	0	1	5	2	2	0	0	7	2	0	0	19
August	.82	.54	.0	5.5	9.5	NW.	38	NE.	1	9	11	11	7	4	0	0	1	3	0	1	1	0	5	0	0	0	9
September	3.75	1.32	.0	7.2	8.3	S.	35	SE.	1	7	4	19	18	10	0	0	0	14	5	4	2	0	1	0	0	0	14
October	.24	.14	1.5	5.2	10.3	NW.	40	W.	3	10	12	9	3	2	1	1	0	4	2	1	1	0	0	0	6	0	1
November	.73	.26	7.6	5.9	12.3	NW.	51	NW.	6	8	9	13	8	7	13	7	0	9	2	3	0	7	0	0	25	2	0
December	.28	.20	4.5	6.2	12.6	NW.	45	W.	8	8	8	15	3	3	6	3	0	2	0	0	0	6	0	0	26	3	0
Year	15.02	1.32	58.2	6.3	11.3	NW.	51	NW.	57	84	118	164	105	74	75	44	7	78	25	21	14	42	17	2	155	15	61

CHICAGO, ILL., UNIVERSITY OBSERVATORY

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

January	1.25	0.98	8.6	6.3	10.6	W.	27	W.	0	10	6	15	10	4	22	9	0	1	1	0	0	26	0	0	31	7	0
February	.80	.20	12.9	7.9	10.7	NE.	28	NE.	0	4	7	18	11	8	18	11	0	1	0	0	0	8	0	0	27	0	0
March	2.41	1.18	6.3	7.6	11.4	NW.	40	SW.	1	5	7	19	12	9	16	7	0	4	4	1	1	11	0	0	23	0	2
April	3.17	1.15	.1	6.7	12.0	NE.	34	SW.	1	6	10	14	11	7	7	0	1	4	0	0	0	0	0	0	5	0	5
May	5.16	1.91	2.2	7.7	10.5	N.	30	W.	0	3	9	19	17	16	3	2	0	9	3	1	1	0	0	0	1	0	3
June	1.31	.58	.0	5.4	9.6	SW.	31	NW.	0	9	10	11	13	9	0	0	0	9	7	2	2	0	1	0	0	0	9
July	1.29	.71	.0	4.3	8.8	SW.	34	NW.	2	13	11	7	6	5	0	0	0	0	0	0	0	0	10	5	0	0	8
August	3.95	1.41	.0	7.0	8.4	NE.	27	NW.	0	4	11	16	17	12	0	0	0	4	1	1	1	0	2	0	0	0	14
September	.31	.28	.0	4.5	8.7	NE.	30	NE.	0	11	14	5	3	1	0	0	0	6	2	1	1	0	0	0	0	0	0
October	3.26	.93	.0	5.6	9.5	NE.	32	NE.	1	9	12	10	8	7	0	0	0	2	3	2	2	0	0	0	0	0	4
November	2.36	.66	14.8	7.0	12.2	NW.	42	SW.	2	6	7	17	12	9	8	5	0	5	4	3	0	4	0	0	12	0	1
December	1.38	.70	4.1	8.0	10.9	S.	26	SW.	0	5	3	23	13	8	10	5	0	7	5	2	1	6	0	0	20	1	0
Year	26.74	1.91	49.0	6.5	10.3	NE.	42	SW.	7	85	107	174	133	95	84	39	1	52	30	13	9	55	13	5	119	8	46

[1] Direction indeterminate.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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)	% (1)	% (2)	% (2)
January	29.45	30.17	29.84	28.57	17.4	14.8	23.4	22.1	16.7	14.3	21.2	20.4	26.2	11.9	19.0	52	−12	14	13	16	16	15	88	90	71	76	81
February	29.34	30.04	29.80	28.74	30.7	28.9	36.9	35.3	29.2	27.8	33.7	32.8	38.9	26.9	32.9	57	11	27	26	29	29	28	85	88	72	77	80
March	29.31	30.00	29.82	28.94	36.5	34.7	46.7	43.5	34.1	32.6	39.7	38.2	48.3	31.9	40.1	78	15	30	29	30	31	30	79	81	53	62	69
April	29.29	29.98	29.74	28.86	46.3	43.9	58.1	54.4	42.1	40.5	48.2	46.8	59.8	40.4	50.1	82	23	37	36	38	39	38	72	76	51	59	64
May	29.24	29.91	29.53	28.83	54.7	54.7	68.5	65.3	51.5	51.5	56.6	55.0	70.0	50.7	60.4	89	34	48	49	48	47	48	81	82	52	56	67
June	29.29	29.94	29.61	28.91	66.0	67.8	82.7	77.7	63.9	64.3	69.1	68.3	83.0	63.0	73.0	93	49	63	62	62	63	63	90	84	51	63	72
July	29.41	30.07	29.70	29.17	68.7	68.5	87.5	84.2	65.5	65.1	70.4	70.1	87.5	65.0	76.2	101	51	64	64	62	63	63	85	84	43	50	66
August	29.36	30.02	29.59	29.05	69.2	68.2	85.9	80.1	65.4	64.7	70.2	69.0	87.4	65.1	76.2	95	49	63	63	62	63	63	82	84	47	59	68
September	29.42	30.09	29.71	28.92	55.4	53.0	77.1	69.4	53.7	51.5	61.2	60.4	78.4	53.3	65.8	97	37	52	50	50	55	52	90	91	40	60	70
October	29.42	30.09	29.64	29.00	50.2	45.9	70.0	61.0	48.0	44.8	56.7	53.9	72.0	47.8	59.9	87	36	46	44	46	48	46	87	93	44	64	72
November	29.48	30.17	29.78	28.88	40.3	37.5	50.4	45.8	37.4	35.6	43.4	40.6	52.1	35.7	43.9	75	20	34	33	35	34	34	78	84	58	64	71
December	29.43	30.12	29.89	28.72	37.4	36.1	44.8	41.3	35.6	34.7	40.1	38.3	47.1	32.5	39.8	60	11	33	33	34	34	34	84	88	67	76	79
Year	29.37	30.05	29.89	28.57	47.7	46.2	61.0	56.7	45.3	44.0	50.9	49.5	62.6	43.7	53.1	101	−12	43	42	43	44	43	83	85	54	64	72

CLEVELAND, OHIO

Airport [ϕ=41°24′ N.; λ=81°51′ W.] City [ϕ=41°30′ N.; λ=81°42′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
	(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	30.09	29.67	28.35	15.3	14.3	20.8	17.8	14.4	13.6	19.0	16.4	25.2	13.9	19.6	52	−9	12	12	15	13	13	84	87	76	79	82
February	29.18	30.03	29.67	28.57	25.7	23.8	32.0	29.3	24.6	22.9	29.4	27.8	34.1	22.9	28.5	51	8	22	21	25	25	23	85	89	75	83	83
March	29.14	29.99	29.60	28.74	28.5	28.1	34.8	31.8	27.0	26.7	31.2	29.4	36.7	25.2	31.0	74	9	24	24	25	25	25	82	85	67	77	78
April	29.16	29.99	29.60	28.74	39.1	39.5	48.8	45.7	35.8	36.2	41.1	39.9	51.2	35.2	43.2	78	22	32	32	32	33	32	75	75	54	62	67
May	29.08	29.90	29.40	28.62	51.1	52.4	62.5	58.3	47.4	48.7	52.8	50.6	63.7	48.4	56.0	85	36	44	46	45	44	44	78	78	56	62	68
June	29.11	29.92	29.45	28.61	62.9	65.6	75.6	72.5	59.5	61.2	65.5	63.9	76.5	61.4	69.0	86	51	57	58	60	59	58	82	78	60	64	71
July	29.26	30.07	29.54	28.98	65.8	68.5	82.0	77.8	62.6	63.6	68.3	67.4	81.0	66.5	73.8	95	53	61	62	61	62	61	84	80	50	59	68
August	29.25	30.06	29.48	28.87	66.5	66.5	79.1	73.1	62.6	62.4	67.3	65.8	78.1	65.1	71.6	90	53	60	60	61	62	61	81	80	56	69	72
September	29.27	30.09	29.58	28.76	56.1	55.5	70.2	63.7	53.4	52.7	60.1	58.2	69.3	56.6	63.0	85	44	51	50	53	54	52	84	84	57	72	74
October	29.26	30.09	29.53	28.91	48.0	46.6	60.5	53.5	44.9	44.0	51.0	48.4	60.4	47.6	54.0	82	30	42	41	42	44	42	80	82	53	70	72
November	29.27	30.12	29.65	28.65	38.9	37.2	43.4	40.8	35.6	34.5	38.5	36.9	48.4	35.2	41.8	71	22	31	31	32	32	32	74	78	66	71	72
December	29.25	30.10	29.77	28.43	33.7	33.3	38.0	35.5	31.7	31.8	34.8	33.0	43.2	30.2	36.7	63	12	29	29	30	29	29	82	85	74	78	79
Year	29.20	30.04	29.77	28.35	44.3	44.3	54.0	50.0	41.6	41.5	46.6	44.8	55.6	42.4	49.0	95	−9	39	39	40	40	39	81	82	62	70	74

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	29.36	30.26	29.75	28.40	9.9	7.9	17.5	15.2	9.0	7.1	15.5	13.8	22.5	5.4	14.0	40	−15	4	2	9	9	6	77	76	67	74	74
February	29.18	30.04	29.80	28.70	30.1	28.4	34.8	34.2	28.4	27.2	31.9	31.4	39.0	26.4	32.7	63	6	25	25	28	27	26	82	86	75	76	80
March	29.13	29.99	29.66	28.68	38.0	34.6	44.9	45.4	34.8	32.5	38.8	39.5	50.9	33.7	42.3	86	19	30	30	31	33	31	75	82	61	63	70
April	29.10	29.94	29.68	28.62	49.6	45.5	58.5	57.8	44.8	42.0	49.0	48.5	64.6	43.5	54.0	86	21	40	38	40	39	39	70	76	53	53	63
May	29.10	29.93	29.44	28.78	56.8	53.6	68.2	68.4	52.2	50.2	57.1	57.5	73.6	51.2	62.4	91	37	48	47	49	49	48	75	80	52	54	65
June	29.11	29.93	29.40	28.78	68.6	66.4	79.6	79.7	63.8	62.9	68.2	69.1	84.2	63.9	74.0	93	55	61	61	62	64	62	78	82	57	60	69
July	29.22	30.04	29.47	28.94	72.6	68.5	84.8	85.6	66.3	64.6	71.7	71.1	90.1	67.5	78.8	101	54	63	62	66	64	64	72	81	54	50	64
August	29.17	29.99	29.40	28.90	70.5	67.6	82.1	78.8	67.3	65.3	71.5	70.6	86.4	66.9	76.6	101	52	60	64	66	67	66	85	89	61	68	76
September	29.26	30.10	29.56	28.90	68.2	58.1	78.6	73.4	57.8	55.2	64.9	62.8	81.8	56.6	69.2	95	39	54	53	56	56	55	72	83	48	55	65
October	29.21	30.05	29.50	28.92	57.6	53.5	73.4	66.0	51.6	49.6	59.3	56.3	76.8	50.3	63.6	90	33	46	46	49	49	47	68	77	44	56	61
November	29.30	30.16	29.78	28.42	38.0	35.1	45.2	42.6	35.1	32.7	39.1	37.6	51.0	31.8	41.4	75	6	31	29	31	31	31	76	80	60	65	70
December	29.24	30.11	29.72	28.72	34.3	32.3	41.3	39.2	32.4	30.9	37.2	36.0	44.9	31.2	38.0	73	11	30	29	32	32	30	82	86	71	75	79
Year	29.20	30.04	29.80	28.40	49.1	46.6	59.1	57.2	45.3	43.4	50.4	49.5	63.8	44.0	53.9	101	−15	42	40	43	43	42	76	82	59	62	70

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	29.74	30.13	30.15	29.24	30.7	27.2	41.5	37.3	28.1	25.8	35.2	32.4	44.4	26.2	35.3	65	10	24	23	25	24	24	74	84	54	59	68
February	29.63	30.01	30.08	29.10	41.7	38.6	54.9	50.3	38.8	36.5	45.2	43.5	56.8	36.9	46.8	70	22	35	33	33	34	34	76	81	45	56	64
March	29.62	29.99	30.10	29.04	47.3	43.2	61.3	56.4	43.3	41.1	50.2	47.9	64.1	41.9	53.0	81	27	38	38	39	38	38	72	83	48	55	65
April	29.62	29.99	30.02	29.12	55.5	53.5	71.6	66.1	50.7	50.1	58.1	54.9	73.3	49.7	61.5	86	30	46	47	47	45	46	72	79	44	49	61
May	29.57	29.93	29.95	29.18	62.0	62.0	79.5	73.2	57.3	57.4	63.4	61.2	81.2	57.7	69.4	95	42	54	54	53	52	53	75	76	42	51	61
June	29.64	30.00	29.85	29.31	72.3	73.5	87.7	81.4	68.7	69.3	72.9	72.3	89.8	69.0	79.4	96	62	67	67	66	68	67	84	81	50	66	70
July	29.71	30.08	29.92	29.51	73.8	74.5	88.1	82.1	70.5	70.7	73.8	73.5	90.7	70.9	80.8	103	63	69	69	68	70	69	85	83	52	68	72
August	29.64	30.00	29.86	29.35	73.9	73.9	85.9	79.7	71.3	71.2	74.0	73.1	88.1	71.0	79.6	96	64	70	70	69	70	70	88	88	58	74	77
September	29.67	30.04	29.90	29.28	66.5	65.5	82.9	75.0	63.3	62.5	67.9	66.0	84.7	63.0	73.8	96	48	61	60	60	61	61	84	84	46	62	69
October	29.72	30.09	29.99	29.41	56.5	52.9	75.6	65.9	53.8	50.9	60.5	58.2	77.5	53.1	65.3	87	42	52	49	50	52	51	85	88	42	63	70
November	29.81	30.19	30.20	29.45	48.7	45.3	63.1	56.4	46.6	44.1	53.2	50.6	64.4	44.5	54.4	80	26	44	43	44	45	44	85	90	54	67	74
December	29.76	30.13	30.15	29.04	45.4	42.5	58.9	52.6	43.3	41.0	51.3	48.1	60.1	41.6	51.0	73	27	41	39	44	43	42	84	88	60	72	76
Year	29.68	30.05	30.20	29.04	56.2	54.4	70.9	64.7	53.0	51.7	58.8	56.8	73.0	52.1	62.5	103	10	50	49	50	50	50	80	84	50	62	69

[1] Pressure at airport adjusted to the old (city) station elevation: Cincinnatti, 627 feet; Cleveland, 762 feet; Columbia, Mo., 784 feet; Columbia, S. C., 347 feet.

[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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: 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: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	1.27	0.54	7.6	6.2	8.8	SW.	32	SW.	1	10	5	16	12	6	20	12	0	1	1	1	1	23	0	0	28	5	0
February	3.71	.93	10.1	8.0	8.3	N.	21	NW.	0	4	4	21	15	11	15	7	0	5	4	4	2	2	0	0	21	0	1
March	3.32	1.96	3.5	7.5	8.9	NW.	28	W.	0	5	7	19	11	8	14	3	0	2	2	2	0	3	0	0	18	0	1
April	7.31	2.70	T	7.0	9.5	N.	26	E.	0	5	9	16	11	9	4	1	0	2	2	2	1	0	0	0	5	0	7
May	3.97	1.03	.0	7.0	8.0	SW.	24	W.	0	4	12	15	15	12	0	0	0	1	1	1	1	0	0	0	0	0	8
June	3.87	1.14	.0	6.1	6.5	SW.	25	W.	0	6	11	13	16	11	0	0	0	3	1	1	0	0	3	0	0	0	1
July	.33	.17	.0	3.9	5.8	SW.	18	NW.	0	14	13	4	5	3	0	0	0	2	0	0	0	0	15	7	0	0	7
August	2.40	.70	.0	5.5	5.9	NE.	21	NW.	0	13	7	11	8	8	0	0	0	2	2	0	0	0	13	1	0	0	8
September	1.23	1.17	.0	4.2	5.3	NE.	22	N.	0	14	8	8	3	3	0	0	0	8	2	1	0	0	3	1	0	0	10
October	.92	.60	.0	4.4	6.1	SW.	22	SW.	0	14	10	7	6	4	0	0	0	7	2	0	0	0	0	0	0	0	2
November	4.02	1.31	.4	6.7	9.1	W.	33	SW.	1	7	5	18	11	7	4	1	0	3	0	0	0	1	0	0	14	0	0
December	2.38	.63	T	7.7	8.2	SW.	27	SW.	0	5	5	21	11	9	2	0	0	1	1	1	1	1	0	0	15	0	0
Year	34.73	2.70	21.6	6.2	7.5	SW.	33	SW.	2	101	96	169	124	91	59	24	0	37	18	13	6	30	34	9	101	5	45

CLEVELAND, OHIO

Airport [H=787 ft.; H_b=805 ft.; H_t=27 ft.; H_r=3 ft.; H_a=54 ft.] City [H=651 ft.; H_b=762 ft.; H_t=267 ft.; H_r=261 ft.; H_a=318 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity	Wind: Direction of maximum velocity	Wind: Days, with 32 miles or over	Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.35	0.26	17.1	8.5	15.8	SW.	49	SW.	8	0	7	24	21	12	27	19	0	1	1	0	0	25	0	0	31	2	1
February	3.24	.81	14.9	7.5	13.6	W.	37	NE.	6	4	5	20	19	14	22	18	0	5	2	1	1	10	0	0	29	0	0
March	2.59	1.01	13.4	7.6	14.5	NW.	46	W.	6	3	9	19	17	11	19	12	0	4	0	0	0	14	0	0	27	0	0
April	3.95	1.09	5.3	6.4	14.2	NE.	43	NE.	6	7	8	15	12	11	4	4	0	2	0	0	0	2	0	0	6	0	4
May	3.60	1.25	.0	7.0	12.8	SW.	61	SW.	5	4	13	14	17	15	0	0	0	3	1	0	0	0	0	0	0	0	6
June	3.68	.77	.0	5.8	12.9	SW.	39	NW.	5	8	12	10	15	12	0	0	0	1	1	0	0	0	0	0	0	0	10
July	.96	.55	.0	3.4	11.4	N.	34	SW.	2	20	7	4	6	5	0	0	0	1	0	0	0	0	7	2	0	0	5
August	3.82	1.25	.0	5.9	12.8	SE.	35	N.	2	6	16	9	12	11	0	0	0	4	0	0	0	0	1	0	0	0	7
September	1.83	.83	.0	5.2	12.0	S.	41	NE.	2	10	13	7	11	7	0	0	0	1	0	0	0	0	0	0	0	0	1
October	1.39	.70	T	6.2	13.3	S.	43	NW.	2	5	11	15	7	5	1	1	1	1	0	0	0	0	0	0	1	0	1
November	2.19	.63	3.9	8.1	18.8	NW.	59	SW.	11	3	5	22	14	11	10	7	0	1	0	0	0	1	0	0	10	0	0
December	4.07	1.21	6.0	8.7	15.6	W.	44	W.	10	3	3	25	15	10	11	8	0	7	2	2	1	3	0	0	18	0	0
Year	32.67	1.25	60.6	6.7	14.0	S.	61	SW.	65	73	109	184	166	124	94	69	1	31	7	3	2	55	8	2	122	2	35

COLUMBIA, MO.

Airport [H=781 ft.; H_b=785 ft.; H_t=5 ft.; H_r=3 ft.; H_a=50 ft.] City [H=733 ft.; H_b=784 ft.; H_t=6 ft.; H_r=3 ft.; H_a=64 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity	Wind: Direction of maximum velocity	Wind: Days, with 32 miles or over	Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.62	0.69	12.4	5.8	7.4	W.	21	W.	0	6	13	12	12	8	10	9	0	2	0	0	0	24	0	0	31	12	0
February	1.08	.37	4.0	7.7	8.5	N.	25	N.	0	5	5	19	11	7	10	8	0	0	0	0	0	7	0	0	25	0	0
March	1.87	.94	.5	7.1	9.1	E.	21	S.	0	4	10	17	11	5	7	2	0	2	0	0	0	1	0	0	15	0	5
April	3.11	1.24	.6	5.8	9.6	N.	22	N.	0	7	16	7	11	10	2	1	0	2	2	1	1	0	0	0	4	0	4
May	3.32	2.13	T	4.7	7.7	N.	21	NW.	0	10	14	7	8	7	1	0	0	0	0	0	0	0	2	0	0	0	3
June	5.91	2.97	.0	4.8	6.5	S.	21	S.	0	10	16	4	8	5	0	0	0	0	0	0	0	0	3	0	0	0	8
July	2.06	1.49	.0	3.8	6.7	S.	21	W.	0	14	15	2	3	3	0	0	0	0	0	0	0	0	14	8	0	0	3
August	6.64	2.11	.0	6.2	6.0	S.	19	NE.	0	6	17	8	12	10	0	0	0	0	1	0	0	0	9	4	0	0	15
September	.32	.30	.0	3.5	5.7	E.	19	NW.	0	17	8	5	4	2	0	0	0	0	0	0	0	0	8	0	0	0	0
October	2.60	1.14	.0	3.7	6.5	S.	22	SW.	0	17	6	8	7	6	0	0	0	0	0	0	0	0	1	0	0	0	3
November	2.49	1.41	1.0	6.0	8.4	S.	30	SW.	0	9	10	11	9	9	4	1	0	2	0	0	0	4	0	0	15	0	1
December	2.91	1.37	1.7	6.6	8.0	W.	24	SW.	0	6	10	15	8	6	6	4	0	3	1	0	0	5	0	0	16	0	0
Year	33.93	2.97	20.2	5.5	7.5	S.	30	SW.	0	111	140	115	104	78	40	25	0	11	4	1	1	41	37	12	106	12	42

COLUMBIA, S.C.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity	Wind: Direction of maximum velocity	Wind: Days, with 32 miles or over	Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.49	0.89	1.5	4.5	7.4	NE.	27	NE.	0	16	4	11	8	7	6	4	0	8	4	1	1	3	0	0	23	0	0
February	2.89	1.07	.0	6.2	9.5	SW.	30	E.	0	8	6	15	11	9	0	0	0	2	1	1	1	0	0	0	7	0	0
March	3.01	.88	.0	5.3	8.7	NE.	30	SW.	0	10	11	10	10	7	0	0	0	4	4	3	3	0	0	0	6	0	0
April	2.09	.69	.0	5.0	9.8	SW.	28	SW.	0	11	9	10	5	4	0	0	0	3	1	0	0	0	0	0	1	0	3
May	1.90	.86	.0	4.2	8.5	S.	27	SW.	0	15	10	6	8	6	0	0	1	2	0	0	0	0	5	1	0	0	6
June	4.21	1.31	.0	4.9	7.8	SW.	27	NW.	0	9	15	6	1	9	0	0	0	0	0	0	0	0	15	6	0	0	11
July	1.44	.47	.0	5.3	6.9	S.	25	SE.	0	10	9	12	11	8	0	0	0	3	2	1	1	0	18	10	0	0	7
August	5.18	1.57	.0	5.3	8.3	NE.	30	NE.	0	9	12	10	15	11	0	0	0	10	3	1	1	0	10	2	0	0	6
September	1.18	.82	.0	3.5	7.8	NE.	21	NE.	0	17	9	4	8	4	0	0	0	7	0	0	0	0	10	1	0	0	3
October	.66	.47	.0	3.2	6.9	N.	25	NE.	0	18	8	5	3	3	0	0	0	5	3	1	1	0	0	0	0	0	1
November	4.42	1.73	.0	5.2	7.6	N.	23	S.	0	11	5	14	9	6	0	0	0	6	2	1	1	0	0	0	3	0	0
December	1.32	.33	.0	6.0	8.2	NE.	24	W.	0	8	9	14	10	5	0	0	0	17	6	4	3	0	0	0	1	0	0
Year	30.79	1.73	1.5	4.9	8.1	NE.	30	NE.	0	142	107	117	109	79	6	4	1	67	26	13	12	3	58	20	41	0	37

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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	29.21	30.13	29.60	28.34	14.5	11.9	20.2	18.0	13.7	11.3	18.3	16.5	25.1	10.4	17.8	50	−11	11	9	13	12	11	85	87	71	75	79
February	29.12	30.02	29.56	28.49	28.4	26.4	33.6	31.8	26.9	25.3	30.9	29.7	37.8	26.0	31.9	55	11	24	23	26	26	25	84	87	74	78	81
March	29.09	29.99	29.57	28.70	32.4	31.0	40.9	38.1	30.4	29.4	35.9	34.4	45.2	30.0	37.6	72	13	27	26	29	29	28	79	82	61	68	72
April	29.09	29.98	29.53	28.64	42.7	41.8	52.6	49.9	38.7	38.4	45.0	43.4	56.9	38.8	47.8	79	22	34	34	36	36	35	72	75	58	61	66
May	29.03	29.90	29.35	28.59	51.8	53.6	64.6	59.7	48.3	49.6	54.7	52.8	69.0	49.3	59.2	88	35	45	46	47	46	46	80	77	57	64	69
June	29.08	29.93	29.40	28.65	64.6	66.5	78.7	74.5	62.3	63.0	66.7	66.3	82.3	63.2	72.8	92	50	61	61	60	62	61	88	83	54	66	72
July	29.21	30.07	29.48	28.96	66.2	68.7	84.3	80.4	63.3	64.5	68.4	67.9	87.4	65.4	76.4	99	50	62	62	60	61	61	86	80	44	53	66
August	29.18	30.03	29.41	28.82	67.9	67.3	82.7	76.8	63.4	63.1	67.7	66.5	85.2	65.0	75.1	95	49	61	61	59	61	60	79	80	46	60	66
September	29.22	30.09	29.49	28.74	56.5	53.8	73.1	66.4	53.8	51.5	59.6	58.4	75.8	53.8	64.8	94	37	52	50	50	53	51	84	87	46	62	70
October	29.21	30.10	29.45	28.89	49.2	45.3	64.4	57.1	45.9	43.3	53.5	50.7	67.1	46.7	56.9	83	34	43	41	44	45	44	79	86	50	65	70
November	29.25	30.15	29.57	28.68	37.8	35.4	46.1	42.1	35.1	33.4	40.4	38.1	49.4	34.3	41.8	71	21	31	31	34	33	32	77	82	63	71	73
December	29.21	30.10	29.66	28.43	35.6	34.5	41.2	38.1	33.7	33.1	37.3	35.4	45.3	32.3	38.8	62	12	31	31	32	32	31	82	87	70	77	79
Year	29.16	30.04	29.66	28.34	45.6	44.7	56.9	52.7	43.0	42.2	48.2	46.7	60.5	42.9	51.7	99	−11	40	40	41	41	40	81	83	58	67	72

CONCORD, N. H.

Airport [ϕ=43°12′ N.; λ=71°31′ W.] City [ϕ=43°12′ N.; λ=71°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
	(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	29.62	29.94	30.20	29.16	----	12.7	24.2	----	----	11.9	20.4	----	26.5	9.5	18.0	41	−5	----	9	9	----	5	----	83	51	----	67
February	29.60	29.93	30.12	28.70	----	19.5	31.8	----	----	18.3	27.1	----	33.8	16.5	25.2	44	−3	----	15	17	----	16	----	83	53	----	68
March [3]	29.57	29.89	30.28	29.06	23.6	23.5	36.0	30.2	22.3	22.0	31.4	27.3	38.6	21.6	30.1	58	−2	19	18	23	21	20	81	79	58	68	72
April	29.63	29.95	30.05	29.00	33.4	36.8	48.7	41.0	31.4	34.0	40.7	36.5	50.3	31.8	41.0	78	21	28	29	30	30	29	80	75	54	67	69
May	29.64	29.95	29.93	29.22	47.2	52.9	64.4	57.5	45.1	48.9	54.7	51.4	66.4	45.4	55.9	83	32	43	45	46	45	45	85	76	56	67	71
June	29.57	29.88	29.99	29.17	54.7	60.1	72.3	65.7	51.8	55.3	61.0	58.1	74.9	52.9	63.9	91	37	49	52	53	52	52	83	74	53	64	69
July	29.70	30.01	30.01	29.42	61.1	66.1	80.7	72.2	59.5	62.3	66.8	66.0	82.6	58.8	70.7	96	45	58	60	58	62	60	91	82	49	73	74
August	29.81	30.13	30.15	29.27	56.3	60.9	78.9	67.0	54.9	57.9	64.8	61.7	79.6	54.9	67.2	89	38	54	56	56	58	56	91	84	47	74	74
September	29.70	30.02	30.14	29.19	50.5	52.6	69.6	58.1	49.4	50.7	58.7	54.6	71.4	47.4	59.4	82	30	48	49	50	52	50	93	88	53	80	70
October	29.74	30.06	30.12	29.31	37.7	38.9	57.0	44.0	35.8	37.0	46.9	40.0	58.1	35.0	46.6	80	23	33	34	36	35	35	84	84	46	70	71
November	29.74	30.06	30.30	29.22	34.5	33.9	44.0	37.3	32.8	32.3	39.0	34.6	45.9	31.1	38.5	66	5	30	30	32	30	31	84	84	61	76	77
December	29.76	30.09	30.30	29.13	22.1	20.2	33.1	26.4	21.2	19.5	30.1	24.9	35.7	18.6	27.2	49	−11	19	18	25	22	21	88	89	71	81	82
Year	29.67	29.99	30.30	28.70	42.1	39.8	53.4	49.9	40.5	37.5	45.1	45.5	55.3	35.3	45.3	96	−11	38	35	36	41	35	86	82	55	72	73

CONCORDIA, KANS.

[ϕ=39°35′ N.; λ=97°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	28.74	30.30	29.19	28.16	10.4	7.6	15.0	15.7	9.9	7.0	13.6	14.6	21.1	2.9	12.0	43	−13	8	5	9	12	8	90	88	74	83	84
February	28.54	30.07	29.15	28.03	28.5	25.9	31.7	32.7	27.3	24.9	29.1	30.5	36.9	22.1	29.5	63	6	25	23	25	27	25	87	88	75	80	82
March	28.47	29.97	28.92	27.75	36.7	33.5	44.8	47.3	33.3	31.5	38.3	40.2	51.9	31.0	41.4	82	15	29	29	31	32	30	76	83	61	60	70
April	28.47	29.95	29.13	27.96	48.4	44.2	57.1	59.1	43.3	40.6	46.8	48.4	62.1	41.6	51.8	86	19	38	37	36	38	37	69	75	49	49	60
May	28.49	29.95	28.83	28.13	57.9	52.9	70.6	71.8	51.6	43.7	57.2	53.0	74.8	50.8	62.8	93	38	46	45	47	47	46	66	74	44	44	57
June	28.45	29.88	28.80	28.10	69.7	65.8	81.0	83.2	62.1	60.5	66.3	66.8	86.0	63.1	74.6	100	53	57	57	58	58	57	67	75	48	45	59
July	28.51	29.94	28.81	28.13	78.1	72.8	89.7	92.2	67.5	65.7	71.7	70.9	95.1	70.6	82.8	110	55	62	62	62	60	61	59	69	41	36	51
August	28.53	29.97	28.88	28.19	70.9	66.8	80.5	81.6	65.2	63.6	68.8	69.0	85.1	65.4	75.2	102	53	62	62	63	62	62	75	85	56	54	68
September	28.60	30.05	28.98	28.35	65.9	61.4	76.5	76.0	60.0	57.5	64.2	64.0	80.8	59.9	70.4	95	40	56	55	57	56	56	72	79	52	53	64
October	28.53	29.99	28.96	28.14	59.5	53.2	70.9	69.3	53.0	48.9	57.7	56.9	76.5	50.6	63.6	90	36	48	45	48	48	47	66	75	46	47	58
November	28.63	30.15	29.21	28.11	35.2	32.6	41.4	39.5	32.9	30.9	37.0	36.0	46.3	28.8	37.6	74	0	30	29	31	32	31	83	87	69	76	79
December	28.59	30.11	29.09	28.03	30.9	29.0	36.1	34.7	29.2	27.9	32.7	32.3	40.3	25.7	33.0	60	6	27	26	28	29	28	85	89	74	80	82
Year	28.54	30.03	29.21	27.75	49.3	45.5	57.9	58.6	44.6	41.9	48.6	48.0	63.1	42.7	52.9	110	−13	41	40	41	42	41	75	81	57	50	68

CORPUS CHRISTI, TEX.

Airport [ϕ=27°46′ N.; λ=91°27′ W.] City [ϕ=27°49′ N.; λ=97°25′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	30.18	30.20	30.64	29.53	45.3	42.2	51.9	49.3	42.3	40.2	45.9	44.7	56.7	40.2	48.4	79	19	38	37	39	39	38	78	82	64	68	73
February	29.98	30.00	30.45	29.61	54.2	51.6	65.2	62.0	51.5	49.7	56.9	56.3	67.6	51.0	59.3	94	37	49	48	50	51	49	83	87	61	70	75
March	29.93	29.95	30.52	29.65	59.9	57.4	71.0	67.0	58.1	55.3	62.2	60.9	72.4	58.0	65.2	83	42	56	53	56	56	55	89	88	62	71	78
April	29.88	29.90	30.58	29.44	65.7	64.1	76.4	71.2	63.3	62.2	67.0	65.8	76.7	63.9	70.3	87	46	61	61	61	62	61	87	89	62	75	78
May	29.91	29.93	30.14	29.70	71.0	69.2	81.6	77.2	68.9	67.7	70.7	70.3	82.3	69.7	76.0	87	60	68	67	65	67	67	90	92	60	72	78
June	29.88	29.90	30.04	29.72	75.7	74.4	85.5	81.7	73.7	72.8	75.9	75.1	87.0	75.5	81.2	90	67	73	72	72	72	72	91	92	64	74	80
July	29.97	29.99	30.12	29.80	78.3	75.7	88.6	85.0	76.0	74.6	78.4	77.2	90.2	77.6	83.9	92	70	75	74	74	74	74	90	95	64	70	80
August	29.89	29.92	30.10	29.66	79.1	76.4	91.3	85.8	76.5	75.3	78.1	77.2	91.8	78.5	85.2	101	72	76	75	73	74	74	89	96	56	68	77
September	29.94	29.96	30.18	29.74	74.9	71.2	85.1	81.4	71.3	69.3	73.3	72.7	86.8	74.0	80.4	93	59	70	68	68	69	69	84	91	57	66	75
October	30.01	30.03	30.34	29.66	68.1	65.7	79.5	74.0	66.3	64.7	69.9	68.7	81.4	69.3	75.4	87	54	65	64	65	66	65	91	95	62	76	81
November	30.08	30.10	30.65	29.67	61.3	58.9	69.2	65.2	59.4	57.2	62.8	61.4	71.2	58.0	64.6	82	38	58	56	58	58	58	88	88	70	79	81
December	30.00	30.02	30.43	29.31	57.0	55.6	64.6	61.1	55.5	54.4	59.3	58.2	66.6	55.2	60.9	79	40	54	53	56	56	55	91	92	74	84	85
Year	29.97	29.99	30.65	29.31	65.9	63.5	75.8	71.7	63.6	62.0	66.7	65.7	77.6	64.2	70.9	101	19	62	61	61	62	61	88	91	63	73	78

[1] Pressure at airport adjusted to the old (city) station elevation: Columbus, 822 feet; Concord, 288 feet; Corpus Christi, 20 feet.
[2] Airport data.
[3] Airport data beginning with March.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

COLUMBUS, OHIO

Airport [H=815 ft.; H_b=833 ft.; H_t=5 ft.; H_r=3 ft.; H_s=45 ft.] City [H=724 ft.; H_b=822 ft.; H_t=90 ft.; H_r=88 ft.; H_s=110 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	1.44	0.65	8.5	7.3	10.5	SW.	43	SW.	2	7	5	19	12	6	23	11	0	3	1	1	1	24	0	0	29	4	0
February	2.98	.71	10.4	7.6	9.6	S.	30	N.	0	6	4	19	14	11	20	11	0	6	5	1	1	4	0	0	21	0	0
March	2.65	1.29	4.3	7.8	10.3	W.	39	SW.	1	2	10	19	15	11	14	4	0	3	2	0	0	3	0	0	18	0	2
April	6.31	2.36	.4	7.1	10.7	N.	37	W.	3	3	12	15	16	13	4	2	1	3	1	0	0	1	0	0	5	0	3
May	4.65	1.66	T	7.0	10.4	S.	43	S.	2	3	14	14	14	10	1	0	0	0	0	0	0	0	0	0	0	0	5
June	3.79	1.21	.0	6.1	9.5	S.	36	SW.	2	8	12	10	13	10	0	0	1	0	0	0	0	0	1	0	0	0	11
July	.49	.17	.0	4.4	7.9	S.	26	SW.	0	13	15	3	6	4	0	0	0	0	0	0	0	0	16	7	0	0	7
August	2.27	1.42	.0	6.3	8.1	E.	33	SW.	1	5	11	15	9	7	0	0	0	0	0	0	0	0	7	0	0	0	4
September	1.55	1.37	.0	4.7	6.7	N.	25	SW.	0	9	15	6	4	4	0	0	0	1	1	0	0	0	2	0	0	0	1
October	1.38	.58	.0	4.7	7.4	S.	28	SW.	0	11	13	7	7	5	0	0	0	2	0	0	0	0	0	0	0	9	1
November	3.64	1.34	.3	7.2	11.6	S.	53	SW.	2	7	4	19	12	7	5	2	0	4	2	0	0	2	0	0	15	0	0
December	2.72	.95	.1	7.9	10.2	S.	33	SW.	1	3	8	20	13	7	7	2	0	3	3	1	0	1	0	0	13	0	0
Year	33.87	2.36	24.0	6.5	9.4	S.	53	SW.	14	77	123	166	135	95	74	32	2	25	15	3	2	35	26	7	101	4	34

CONCORD, N. H.

Airport [H=339 ft.; H_b=346 ft.; H_t=4 ft.; H_r=3 ft.; H_s=36 ft.] City [H=270 ft.; H_b=288 ft.; H_t=54 ft.; H_r=56 ft.; H_s=72 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.33	1.90	9.1	4.7	6.3	NW.	22	W.	0	12	10	9	10	5	11	9	0	8	0	0	0	26	0	0	30	4	0
February	2.77	.94	22.4	5.2	6.7	NW.	22	NW.	0	13	6	10	12	11	12	10	0	6	0	0	0	8	0	0	28	1	0
March	3.40	1.01	14.6	5.4	7.2	NW.	25	W.	0	10	10	11	11	9	12	7	0	10	4	1	1	6	0	0	27	1	0
April	4.95	1.65	7.2	6.2	7.0	NW.	26	NW.	0	9	7	14	13	12	6	5	0	14	3	2	1	0	0	0	15	0	1
May	6.24	2.49	.0	6.2	5.9	NE.	22	NW.	0	8	10	13	15	10	0	0	1	19	5	3	2	0	0	0	1	0	4
June	1.48	.32	.0	4.0	6.1	SE.	21	NW.	0	15	8	7	12	9	0	0	0	8	0	0	0	0	1	0	0	0	1
July	7.18	2.26	.0	3.9	4.4	N.	21	N.	0	16	11	4	12	12	0	0	0	9	4	2	3	0	3	1	0	0	7
August	1.13	.54	.0	4.2	4.8	SE.	18	SW.	0	15	9	7	10	7	0	0	0	16	8	7	5	0	0	0	0	0	3
September	3.73	1.24	.0	4.8	4.7	N.	19	NW.	0	12	10	8	9	7	0	0	0	13	10	11	7	0	0	0	1	0	2
October	.65	.37	.5	5.1	5.5	N.	21	NW.	0	11	11	9	6	4	2	1	0	5	5	4	3	0	0	0	14	0	0
November	5.93	2.23	9.3	7.2	6.3	NW.	23	W.	0	4	7	19	18	12	8	6	0	8	1	0	0	3	0	0	14	0	0
December	3.42	.99	9.8	6.5	4.8	N.	21	NW.	0	8	7	16	12	12	8	5	0	6	3	2	0	7	0	0	23	2	1
Year	43.21	2.49	72.9	5.3	5.8	NW.	26	NW.	0	133	106	127	140	110	59	43	1	122	43	32	22	50	4	1	153	8	24

CONCORDIA, KANS.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.53	0.30	7.2	5.3	7.5	NW.	25	NW.	0	12	6	13	7	3	11	6	0	4	3	2	2	25	0	0	31	14	0
February	.89	.39	6.9	7.2	8.7	N.	24	SW.	0	5	8	16	7	5	13	6	0	11	2	2	1	7	0	0	28	0	0
March	1.55	1.00	2.9	6.7	9.9	N.	28	SW.	0	7	8	16	6	5	6	3	2	11	4	0	1	3	0	0	17	0	1
April	1.61	.48	1.3	6.6	10.6	N.	33	NW.	1	7	9	14	10	7	2	2	0	1	0	0	0	0	1	0	3	0	6
May	1.49	.66	.0	4.4	8.0	N.	26	NW.	0	13	12	6	4	4	0	0	0	0	0	0	0	0	1	0	0	0	6
June	1.08	.40	.0	5.5	8.5	SW.	26	NW.	0	8	11	11	10	6	0	0	0	0	0	0	0	0	12	4	0	0	7
July	1.03	.61	.0	3.9	9.0	S.	23	E.	0	16	11	4	7	6	0	0	0	0	0	0	0	0	23	17	0	0	11
August	3.74	1.19	.0	5.7	6.8	SE.	23	N.	0	7	14	10	12	9	0	0	0	6	0	1	0	0	7	4	0	0	12
September	.83	.31	.0	5.1	7.9	S.	21	SE.	0	9	13	8	5	5	0	0	0	6	0	0	0	0	8	2	0	0	4
October	1.66	.57	.0	4.0	8.0	SW.	26	N.	0	15	10	6	8	7	0	0	1	1	0	0	0	0	1	0	0	0	5
November	2.65	.77	3.0	5.2	8.9	SW.	33	NW.	1	11	10	9	9	8	6	3	0	7	4	0	1	5	0	0	18	0	1
December	1.25	.61	12.4	5.9	7.8	NE.	24	NW.	0	10	7	14	8	5	8	7	0	13	2	1	3	6	0	0	21	0	0
Year	18.21	1.19	33.7	5.5	8.4	S.	33	NW.	2	120	119	127	93	70	46	27	3	60	15	6	8	46	53	27	118	14	53

CORPUS CHRISTI, TEX.

Airport [H=40 ft.; H_b=44 ft.; H_t=4 ft.; H_r=3 ft.; H_s=33 ft.] City [H=19 ft.; H_b=20 ft.; H_t=11 ft.; H_r=63 ft.; H_s=78 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.76	0.26	1.7	6.8	10.5	N.	34	N.	1	7	6	18	4	4	2	2	0	7	4	3	3	0	0	0	10	0	0
February	1.10	.90	T	5.6	12.2	S.	34	N.	2	9	10	10	6	4	1	0	1	9	8	6	5	0	1	0	0	0	2
March	1.57	.90	.0	5.8	11.6	S.	34	N.	1	8	10	13	8	6	0	0	1	10	5	4	4	0	0	0	0	0	5
April	.05	.02	.0	6.6	13.8	S.	34	S.	2	8	6	16	4	0	0	0	0	4	2	2	2	0	0	0	0	0	0
May	4.17	1.53	.0	5.1	12.5	SE.	43	W.	1	11	12	8	6	5	0	0	0	0	0	0	0	0	0	0	0	0	6
June	2.84	2.04	.0	4.2	10.7	SE.	32	NE.	1	12	14	4	7	5	0	0	0	0	0	0	0	0	1	0	0	0	9
July	4.02	2.00	.0	3.7	11.1	S.	32	NE.	1	18	9	4	5	4	0	0	0	0	0	0	0	0	22	0	0	0	7
August	.66	.60	.0	4.3	11.4	S.	25	S.	0	13	13	5	2	2	0	0	0	0	0	0	0	0	24	4	0	0	4
September	3.14	2.60	.0	3.2	10.1	E.	28	NE.	0	17	9	4	7	4	0	0	0	0	0	0	0	0	10	0	0	0	3
October	3.40	1.67	.0	5.3	9.9	SE.	28	S.	0	10	11	10	9	6	0	0	0	0	0	0	0	0	0	0	0	0	5
November	1.23	.75	.0	6.5	11.0	S.	26	S.	0	9	3	18	12	6	0	0	0	0	0	0	0	0	0	0	0	0	1
December	2.12	1.07	.0	6.8	10.6	N.	32	NW.	1	5	8	18	10	8	0	0	0	1	0	0	0	0	0	0	0	0	3
Year	25.15	2.60	1.7	5.3	11.3	S.	43	W.	10	127	111	128	80	54	3	2	2	31	19	15	14	0	58	4	10	0	45

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

DALLAS, TEX.

Airport [ϕ=32°51′ N.; λ=96°52′ W.] City [ϕ=32°46′ N.; λ=96°47′ 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	29.68	30.26	30.17	28.89	30.0	26.0	37.7	38.5	27.4	24.5	32.7	32.9	44.3	24.5	34.4	71	6	22	21	24	23	23	71	81	59	55	66
February	29.45	30.00	29.91	29.08	44.1	40.6	51.7	52.8	40.7	39.0	45.4	45.8	56.7	38.4	47.6	82	27	36	37	39	38	38	76	86	65	62	72
March	29.39	29.93	29.94	29.02	55.1	49.3	64.9	67.4	48.7	45.6	54.3	54.3	70.8	48.3	59.6	87	32	42	41	45	42	42	62	75	50	42	57
April	29.36	29.90	30.14	28.92	59.8	55.0	69.2	69.6	54.7	52.4	58.6	59.0	73.9	53.2	63.6	88	31	51	50	50	51	51	74	84	55	55	67
May	29.39	29.93	29.60	29.10	66.6	62.5	77.7	77.7	61.3	59.3	65.7	65.9	80.1	62.0	71.0	90	55	58	57	58	59	58	75	84	54	54	67
June	29.38	29.91	29.60	29.19	72.2	70.0	83.9	81.8	67.8	67.6	71.1	70.6	84.7	68.1	76.4	93	58	66	66	65	65	65	80	88	54	60	71
July	29.46	29.99	29.63	29.31	77.5	73.8	87.6	88.1	72.2	70.9	75.2	75.2	88.9	72.2	80.6	97	64	70	70	70	70	70	78	87	57	56	70
August	29.40	29.93	29.65	29.14	76.6	71.9	88.5	88.5	70.1	68.5	73.5	72.9	90.4	70.6	80.5	99	60	67	67	67	66	66	73	85	49	48	64
September	29.48	30.01	29.74	29.23	71.2	65.2	83.1	82.4	63.4	61.0	67.4	66.5	87.7	63.6	75.6	99	45	58	58	58	56	58	65	79	44	43	58
October	29.50	30.03	29.80	29.18	63.8	57.9	79.3	75.6	57.0	54.5	64.0	61.6	83.7	56.0	69.8	93	39	52	52	54	52	52	66	81	43	45	59
November	29.58	30.14	30.13	29.03	50.2	46.2	58.4	56.8	47.2	44.4	50.7	50.8	63.7	43.1	53.4	76	19	44	42	42	45	43	79	86	58	66	73
December	29.52	30.08	29.93	28.78	45.3	41.6	53.5	52.4	43.0	40.4	47.8	47.6	58.4	39.2	48.8	72	26	41	39	42	43	41	84	90	69	72	79
Year	29.46	30.01	30.17	28.78	59.4	55.0	69.6	69.3	54.5	52.3	58.9	58.6	73.6	53.3	63.4	99	6	51	50	51	51	51	74	84	55	55	67

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 3)	(4)	(1 3)	(1 3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
January	29.49	30.20	29.83	28.45		8.9	15.4	15.3		8.2	13.8	13.9	19.5	5.1	12.3	35	−17		5	8	9	8		83	71	76	76
February	29.39	30.08	30.04	28.84		24.7	30.4	30.1		23.4	27.5	27.8	34.0	21.7	27.8	44	−5		21	22	24	22		84	70	76	77
March	29.35	30.03	29.92	28.84		28.2	37.0	37.0		26.4	31.8	32.1	40.5	26.6	33.6	74	10		23	24	25	24		80	58	61	66
April	29.32	29.98	29.80	28.86		42.1	53.0	54.1		38.7	43.9	44.6	58.7	39.2	49.0	81	23		34	33	33	33		74	49	49	57
May	29.26	29.91	29.64	28.86		51.8	64.7	65.5		47.8	53.5	54.2	69.6	49.0	59.3	89	36		44	44	45	44		76	48	50	58
June	29.26	29.91	29.60	28.88	67.5	66.4	79.7	78.8	62.3	61.6	65.7	65.8	83.6	64.0	73.8	93	52	59	58	57	58	58	75	77	49	52	63
July	29.40	30.05	29.68	29.00	71.5	69.6	84.8	85.7	64.5	63.9	68.9	68.7	89.0	67.9	78.4	103	54	61	61	61	60	60	70	74	45	43	58
August	29.36	30.02	29.66	29.09	67.7	65.4	77.6	76.2	64.5	62.9	67.6	68.2	82.0	64.9	73.4	99	52	63	62	62	64	62	85	88	61	68	76
September	29.45	30.12	29.79	29.07	58.7	54.3	74.2	69.5	55.2	52.4	61.0	60.5	78.0	56.3	67.2	93	40	53	51	52	55	52	81	89	47	60	69
October	29.39	30.06	29.69	29.09	51.6	48.1	66.5	59.4	48.3	45.9	55.1	52.5	70.1	49.2	59.6	85	39	46	44	45	47	45	81	86	49	64	70
November	29.46	30.14	29.91	28.44	33.6	31.3	40.5	37.0	31.7	29.6	35.8	33.9	45.6	28.8	37.2	71	6	29	27	29	30	29	83	85	66	74	77
December	29.43	30.12	29.96	28.89	29.9	29.1	34.2	32.6	28.7	28.0	31.8	31.0	38.6	26.3	32.4	60	−4	27	26	28	28	27	87	88	78	83	84
Year	29.38	30.05	30.04	28.44		43.3	54.8	53.4		40.7	46.4	46.1	59.1	41.6	50.3	103	−17		38	39	40	39		82	58	63	69

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 4)	(4)	(1 4)	(1 4)		(4)	(4)	(4)		(4)	(4)	(4)							(4)	(4)	(4)	(4)		(4)	(4)	(4)	(4)
January	29.13	30.14	29.53	28.23		13.7	20.2	20.7		13.0	18.5	19.0	24.5	10.2	17.4	51	−11		11	14	15	13		86	75	76	79
February	29.04	30.02	29.48	28.45		28.7	34.4	33.8		26.9	31.1	30.8	37.5	25.7	31.6	54	12		24	25	26	25		84	70	72	74
March	29.01	29.99	29.49	28.65		33.1	41.4	40.2		31.0	35.9	35.4	45.3	29.9	37.6	71	11		26	28	28	28		76	59	64	66
April	29.01	29.98	29.46	28.60		42.6	52.2	51.6		39.0	44.3	44.3	57.0	38.5	47.8	81	19		34	35	36	35		73	55	59	62
May	28.95	29.90	29.25	28.50		53.8	64.4	61.9		50.0	54.2	53.5	67.5	49.9	58.7	84	34		47	46	46	46		78	54	61	65
June	29.00	29.93	29.33	28.59		67.5	79.2	76.2		62.9	66.0	65.5	81.3	63.7	72.5	90	50		60	58	59	59		78	50	58	62
July	29.14	30.07	29.40	28.88		68.9	83.4	82.4		64.2	67.6	67.1	85.8	65.2	75.5	98	49		62	59	58	60		78	44	46	56
August	29.10	30.04	29.30	28.80		67.1	82.5	76.7		63.1	68.3	66.9	84.5	65.1	74.8	94	47		61	61	62	61		80	49	61	67
September	29.15	30.11	29.42	28.70		55.3	73.6	66.5		52.4	60.3	57.6	75.2	53.0	64.1	93	35		50	51	51	51		84	46	59	67
October	29.14	30.10	29.35	28.78		47.4	65.2	58.0		45.0	53.9	51.1	68.0	47.2	57.6	83	36		43	45	45	44		84	49	64	68
November	29.17	30.16	29.47	28.53		35.4	45.8	41.3		33.5	40.5	37.6	49.4	34.1	41.8	70	19		31	34	33	32		87	65	72	76
December	29.13	30.12	29.57	28.45		33.6	40.8	37.3		32.4	37.2	35.1	44.6	31.0	37.8	60	9		30	32	32	32		88	73	81	82
Year	29.08	30.05	29.57	28.23		45.6	56.9	53.9		42.8	48.2	47.0	60.0	42.8	51.4	98	−11		40	41	41	40		81	57	64	69

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	29.16	30.17	29.64	28.58	41.7	37.1	46.3	50.8	37.3	34.2	39.2	41.7	54.1	34.9	44.5	77	19	31	30	29	30	30	67	74	53	48	60
February	28.99	29.99	29.38	28.64	50.6	45.6	58.3	62.7	45.9	42.9	49.3	50.9	65.1	43.8	54.4	91	34	41	40	40	39	40	71	81	55	47	63
March	28.91	29.90	29.47	28.66	60.6	54.5	66.1	72.5	51.8	49.9	54.8	56.2	74.8	52.6	63.7	90	35	43	45	45	41	44	56	73	50	38	54
April	28.87	29.85	29.70	28.45	66.1	60.1	72.6	78.2	57.0	55.1	60.1	61.8	80.8	57.5	69.2	97	40	50	51	51	50	50	60	73	51	42	56
May	28.89	29.86	29.16	28.65	72.6	66.6	79.4	83.7	64.5	62.2	66.7	67.5	85.6	65.4	75.5	94	56	60	59	59	58	59	66	78	52	44	60
June	28.88	29.84	29.13	28.66	76.8	71.2	82.1	86.7	68.8	67.7	70.8	70.8	89.0	69.8	79.4	94	61	65	66	66	63	65	68	84	58	47	64
July	28.96	29.92	29.14	28.78	81.3	74.7	88.0	92.2	70.7	70.2	72.8	71.9	93.7	74.1	83.9	99	67	66	68	66	62	65	60	80	49	38	57
August	28.91	29.86	29.17	28.70	81.0	74.6	86.8	90.3	70.3	69.5	72.8	72.2	93.0	72.6	82.8	101	62	65	67	66	64	66	61	78	53	44	59
September	28.98	29.94	29.28	28.76	75.7	69.2	82.3	86.2	65.7	63.6	68.0	68.4	88.1	67.8	78.0	98	55	60	60	60	58	60	59	73	48	40	55
October	29.01	29.99	29.37	28.75	67.6	62.2	75.6	78.2	59.9	58.3	63.3	62.9	81.0	60.4	70.7	89	44	54	55	55	52	54	64	78	52	44	60
November	29.09	30.09	29.66	28.64	55.4	50.7	61.1	62.7	50.5	48.0	53.3	54.1	66.6	48.4	57.5	78	29	46	45	46	46	46	72	82	60	58	68
December	29.03	30.03	29.43	28.43	52.8	48.4	59.2	61.4	48.2	45.6	51.3	52.2	64.9	46.0	55.4	83	32	43	43	44	44	43	73	82	60	55	67
Year	28.97	29.95	29.70	28.43	65.2	59.6	71.5	75.5	57.6	55.6	60.2	60.9	78.1	57.8	67.9	101	19	52	52	52	51	52	65	78	53	45	60

[1] Pressure at airport adjusted to the old (city) station elevation: Dallas, 512 feet; Davenport, 606 feet; Dayton, 900 feet.
[2] Airport data beginning with September.
[3] Airport data beginning with June.
[4] Airport data beginning with August.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

DALLAS, TEX.

Airport [H=474 ft.; H_b=488 ft.; H_t=6 ft.; H_r=3 ft.; H_a=46 ft.] City [H=459 ft.; H_b=512 ft.; H_t=220 ft.; H_r=194 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.80	0.45	4.0	4.0	12.3	N.	56	W.	2	17	5	9	4	2	6	3	0	2	0	0	0	8	0	0	24	0	0
February	2.09	1.20	.1	6.1	14.1	NW.	32	NW.	1	9	6	14	8	5	2	1	0	7	2	0	1	0	0	0	5	0	1
March	1.65	1.06	.0	3.8	14.0	S.	42	NW.	5	14	12	5	6	4	0	0	2	1	0	0	0	0	0	0	2	0	7
April	6.14	3.75	.0	4.9	14.1	S.	43	N.	6	7	16	7	6	5	0	0	0	1	0	0	0	0	0	0	1	0	7
May	6.26	2.38	.0	5.3	12.2	S.	33	W.	2	10	12	9	9	7	0	0	0	0	0	0	0	0	1	0	0	0	6
June	6.72	3.47	.0	5.2	10.4	S.	35	SW.	2	8	14	8	14	12	0	0	0	0	0	0	0	0	6	0	0	0	9
July	3.82	1.37	.0	3.7	10.1	S.	50	N.	2	14	14	3	6	5	0	0	0	1	0	0	0	0	16	4	0	0	5
August	1.31	.40	.0	4.8	10.3	S.	40	N.	3	7	18	6	9	7	0	0	1	0	0	0	0	0	19	7	0	0	7
September	.22	.13	.0	3.3	8.3	SE.	26	N.	0	18	7	5	3	2	0	0	0	2	0	1	1	0	14	5	0	0	0
October	1.96	1.32	.0	2.9	9.8	SE.	30	SE.	0	18	8	5	5	4	0	0	0	1	0	0	0	0	2	0	0	0	2
November	8.75	3.19	.0	6.4	10.8	N.	34	S.	3	10	2	18	10	9	0	0	0	9	2	2	0	0	0	0	5	0	3
December	4.65	1.29	.0	5.9	9.9	N.	42	N.	2	12	5	14	11	9	0	0	0	11	3	5	3	0	0	0	5	0	2
Year	44.57	3.75	4.1	4.7	11.4	S.	56	W.	28	144	119	103	91	71	8	4	3	35	7	8	5	8	58	16	42	0	49

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.55	1.23	13.7	5.3	10.5	W.	30	NW.	0	12	6	13	6	4	17	6	0	7	4	2	0	26	0	0	31	9	0
February	.95	.30	8.1	7.3	9.4	NE.	30	NW.	0	6	6	17	13	5	16	12	0	10	1	1	0	9	0	0	28	1	0
March	1.71	.71	2.9	7.1	10.8	NE.	36	SW.	1	5	9	17	9	8	12	4	0	6	1	1	0	8	0	0	23	0	2
April	2.98	1.02	T	6.4	11.3	NE.	30	NE.	0	8	7	15	9	6	2	0	0	7	2	0	0	0	0	0	3	0	4
May	1.46	.59	T	6.8	10.3	NE.	29	NW.	0	5	14	12	9	5	1	0	0	9	1	1	1	0	0	0	0	0	6
June	2.65	1.10	.0	5.9	9.7	SW.	30	W.	0	7	14	9	7	4	0	0	0	4	2	0	0	0	6	0	0	0	6
July	2.05	1.03	.0	4.2	8.7	SW.	41	NE.	1	15	9	7	5	3	0	0	0	1	0	0	0	0	13	7	0	0	4
August	4.80	1.49	.0	6.4	7.6	SW.	21	SW.	0	7	8	16	15	13	0	0	0	11	0	0	0	0	5	1	0	0	9
September	1.69	1.67	.0	3.7	7.7	SW.	24	NE.	0	18	6	6	2	1	0	0	0	8	0	0	0	0	3	0	0	0	2
October	2.10	1.19	.0	4.7	8.5	SW.	24	SE.	0	12	11	8	6	5	0	0	0	14	2	1	1	0	0	0	0	0	3
November	1.48	.39	2.8	6.4	11.4	NW.	38	SW.	1	7	8	15	10	7	7	1	0	4	0	0	0	6	0	0	18	0	1
December	1.78	1.17	2.7	7.6	9.2	NW.	30	NW.	0	4	7	20	7	5	9	4	0	14	6	1	0	7	0	0	19	2	0
Year	25.20	1.67	30.2	6.0	9.6	SW.	41	NE.	3	106	105	155	98	66	64	27	0	95	19	7	2	56	27	8	122	12	37

DAYTON, OHIO

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.71	1.03	7.5	6.4	10.7	SW.	46	SW.	2	9	5	17	14	8	22	13	0	3	2	2	3	24	0	0	29	5	0
February	2.83	.77	6.5	7.6	10.5	N.	32	W.	1	7	2	20	14	9	13	8	0	10	3	4	4	4	0	0	21	0	0
March	2.64	1.43	3.4	7.4	10.8	NW.	36	W.	2	5	8	18	17	8	11	7	0	4	0	0	0	4	0	0	20	0	2
April	4.82	1.17	.5	6.6	11.9	NE.	43	W.	4	7	10	13	16	12	4	3	0	0	0	0	0	1	0	0	5	0	5
May	6.44	1.64	T	6.8	10.6	SW.	37	S.	3	4	14	13	17	16	1	0	2	5	1	0	0	0	0	0	0	0	7
June	1.94	.52	.0	5.9	9.7	SW.	37	SW.	4	8	11	11	12	10	0	0	1	1	1	0	0	0	2	0	0	0	12
July	1.00	.46	.0	4.0	8.1	SW.	30	NW.	0	16	12	3	5	4	0	0	0	0	0	0	0	0	13	6	0	0	4
August	2.55	.85	.0	5.8	8.2	NE.	33	SW.	1	10	8	13	10	9	0	0	0	1	1	1	1	0	7	0	0	0	5
September	1.13	.94	.0	4.5	6.9	NE.	26	SW.	0	12	11	7	3	3	0	0	0	4	2	2	1	0	2	0	0	0	1
October	2.29	1.21	.0	4.5	8.2	SW.	33	SW.	1	12	12	7	7	6	0	0	0	2	1	1	0	0	0	0	0	0	3
November	4.62	1.13	T	6.9	12.3	SW.	47	S.	4	8	6	16	10	8	5	0	0	6	1	0	0	2	0	0	15	0	0
December	3.13	.97	T	7.7	10.8	SW.	41	SW.	2	3	7	21	12	9	5	0	0	8	4	0	0	1	0	0	18	0	0
Year	35.10	1.64	17.9	6.2	9.9	SW.	47	S.	24	101	106	159	137	102	61	31	3	44	16	10	9	36	24	6	108	5	39

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.33	.23	2.8	5.8	7.8	SE.	37	N.	2	8	10	13	3	3	2	1	0	3	1	0	1	0	0	0	13	0	0
February	1.30	.49	T	5.2	10.1	NW.	35	NW.	2	11	8	10	7	6	1	1	0	1	1	2	1	0	1	0	0	0	2
March	2.21	1.68	.0	5.4	9.6	SE.	34	N.	1	10	11	10	5	3	0	0	0	2	2	1	1	0	0	0	0	0	5
April	1.98	1.83	.0	5.6	10.0	SE.	32	NW.	1	9	12	9	4	3	0	0	0	0	0	0	0	0	6	2	0	0	5
May	3.77	1.22	.0	5.5	9.7	SE.	29	NW.	0	9	13	9	7	6	0	0	1	0	0	0	0	0	9	0	0	0	9
June	5.13	1.86	.0	6.3	9.4	SE.	32	NE.	1	3	17	10	8	7	0	0	1	0	0	0	0	0	13	0	0	0	10
July	.08	.07	.0	4.9	10.2	SE.	28	SE.	0	8	19	4	2	1	0	0	0	0	0	0	0	0	26	15	0	0	2
August	5.62	2.62	.0	5.0	8.3	SE.	30	S.	0	9	15	7	8	8	0	0	0	0	0	0	0	0	21	13	0	0	7
September	.18	.18	.0	3.8	8.0	SE.	29	N.	0	15	11	4	1	1	0	0	0	0	0	0	0	0	8	3	0	0	1
October	.79	.46	.0	6.0	8.8	SE.	23	NW.	0	7	15	9	6	4	0	0	0	1	0	0	0	0	0	0	0	0	1
November	.52	.37	.0	5.9	8.3	SE.	26	NW.	0	10	6	14	7	2	0	0	0	1	0	0	0	0	0	0	1	0	0
December	.38	.23	.0	6.4	8.6	NW.	40	NW.	3	7	8	16	5	3	0	0	0	4	1	2	2	0	0	0	1	0	0
Year	22.29	2.62	28	5.5	9.1	SE.	40	NW.	10	106	145	115	63	47	3	2	2	12	5	5	5	0	84	33	15	0	42

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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	24.73	30.19	25.00	24.34	18.4	17.2	25.8	23.5	16.2	14.8	21.8	20.1	34.0	14.6	24.3	57	−7	11	10	14	14	12	74	72	62	66	68
February	24.64	29.98	24.99	24.25	29.8	26.1	38.4	38.1	26.1	23.1	31.7	32.4	45.8	25.4	35.6	74	13	21	18	23	25	22	70	72	55	62	65
March	24.64	29.91	24.93	24.15	35.6	32.1	47.4	48.1	31.6	28.6	37.3	38.0	53.8	31.7	42.8	76	14	26	23	25	26	25	70	71	47	48	59
April	24.66	29.89	25.18	24.20	42.8	37.3	52.4	55.3	37.1	33.4	41.2	42.5	59.7	36.9	48.3	77	12	30	28	29	28	29	63	71	46	42	55
May	24.77	29.95	25.10	24.49	52.0	47.2	65.6	66.6	45.8	42.3	49.5	50.4	71.0	47.9	59.4	86	34	40	37	35	36	37	67	70	36	37	52
June	24.76	29.87	25.02	24.51	63.5	56.4	77.9	78.0	51.9	48.2	55.5	56.3	83.1	57.6	70.4	94	46	43	41	38	39	40	50	60	28	28	41
July	24.84	29.94	25.06	24.58	67.4	61.2	82.9	80.2	57.3	54.7	61.3	60.3	86.6	62.6	74.6	99	52	51	50	48	48	49	58	70	33	36	49
August	24.83	29.96	25.10	24.60	65.4	57.6	79.4	78.8	55.2	51.2	59.5	58.6	84.0	59.6	71.8	94	55	48	46	47	45	46	56	67	34	34	48
September	24.82	29.98	25.02	24.63	59.7	55.4	70.8	68.2	54.7	51.9	57.8	57.2	74.8	55.5	65.2	91	50	51	50	50	50	50	76	82	51	58	67
October	24.79	30.01	25.16	24.34	47.2	42.7	64.0	61.3	40.8	37.3	47.6	47.0	68.0	43.7	55.8	80	35	34	31	32	33	32	61	63	31	38	48
November	24.76	30.11	25.06	24.37	30.8	29.2	42.0	39.0	26.5	25.2	33.3	31.7	48.8	26.9	37.8	73	4	20	19	22	22	21	66	67	49	53	59
December	24.70	30.06	24.98	24.25	28.8	27.3	39.8	36.0	24.5	22.8	31.2	29.6	45.9	25.2	35.6	73	−5	18	15	19	21	18	64	61	47	56	57
Year	24.74	29.99	25.18	24.15	45.1	40.8	57.2	56.1	39.0	36.1	44.0	43.7	63.0	40.6	51.8	99	−7	33	31	32	32	32	65	69	43	46	56

DES MOINES, IOWA

Airport [ϕ=41°32′ N.; λ=93°39′ W.] City [ϕ=41°35′ N.; λ=93°37′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet 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	29.25	30.23	29.59	28.53	7.3	4.4	12.3	12.1	6.9	4.1	11.2	11.2	17.9	2.8	10.4	39	−18	5	3	8	8	6	90	91	81	82	86
February	29.10	30.06	29.78	28.52	23.6	21.5	28.3	27.4	22.6	20.7	26.1	25.8	32.6	18.2	25.4	46	−9	21	19	22	23	21	88	90	77	81	84
March	29.06	30.01	29.58	28.38	30.3	27.4	37.0	36.5	28.7	26.2	32.5	33.0	40.7	26.5	33.6	75	9	26	24	26	28	26	85	86	65	73	77
April	29.03	29.96	29.57	28.49	44.6	40.2	53.7	53.2	40.6	37.7	45.0	45.0	58.5	37.9	48.2	79	21	36	35	35	36	35	72	80	52	55	65
May	29.00	29.92	29.35	28.64	54.4	49.5	63.9	65.6	48.4	46.2	53.0	54.0	70.5	48.4	59.4	92	33	43	43	44	44	43	67	70	51	49	61
June	28.98	29.89	29.33	28.66	67.5	64.1	78.6	78.6	61.3	59.2	64.6	65.6	84.1	63.3	73.7	97	55	57	56	56	58	57	71	76	48	52	62
July	29.09	30.00	29.37	28.73	72.3	68.0	84.4	85.7	64.3	63.5	68.6	69.2	90.3	67.1	78.7	105	53	60	61	60	60	60	66	78	46	44	58
August	29.08	29.99	29.36	28.81	67.7	64.4	75.0	76.0	64.4	62.5	66.6	67.5	80.3	64.1	72.2	96	50	63	61	62	63	62	84	90	66	66	76
September	29.16	30.08	29.49	28.84	61.7	57.2	74.1	72.0	56.6	54.0	61.8	61.0	79.2	56.0	67.6	92	36	53	52	53	53	53	73	81	50	53	64
October	29.08	30.00	29.47	28.71	54.4	48.9	67.0	64.0	48.3	45.4	54.2	52.7	72.8	47.1	60.0	86	36	42	42	43	42	42	65	77	45	47	59
November	29.17	30.12	29.69	28.16	33.0	30.7	36.9	35.9	30.6	28.8	33.0	32.3	44.1	27.1	35.6	72	3	27	26	28	27	27	79	82	70	72	76
December	29.14	30.09	29.69	28.61	28.2	26.2	32.7	31.1	26.7	25.1	30.1	29.0	37.4	23.0	30.2	55	0	24	23	26	25	25	84	87	76	78	81
Year	29.10	30.03	29.78	28.16	45.4	41.9	53.7	53.2	41.6	39.4	45.6	45.5	59.0	40.1	49.6	105	−18	38	37	39	39	38	77	83	61	63	71

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.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	(1)		(1)	(1)																							
January	29.24	30.06	29.69	28.31	18.2	17.1	21.9	20.5	17.5	16.5	20.3	19.3	24.2	13.7	19.0	43	−9	16	15	16	16	16	89	91	78	82	85
February	29.23	30.05	29.74	28.68	25.6	23.7	29.9	28.7	24.6	22.8	27.4	27.1	32.2	21.2	26.7	42	10	22	21	23	24	22	87	87	74	82	82
March	29.19	30.00	29.64	28.71	26.5	25.3	31.9	30.6	24.9	23.9	28.8	27.7	34.4	22.9	28.6	66	6	22	21	23	23	22	81	83	69	73	76
April	29.21	30.01	29.69	28.72	37.8	38.0	48.7	44.7	34.8	34.7	40.3	38.7	52.2	33.4	42.8	77	19	30	30	30	31	30	74	73	50	61	65
May	29.11	29.90	29.46	28.58	51.2	51.7	61.8	58.1	47.7	48.2	53.3	50.9	65.2	46.2	55.7	86	33	44	45	46	45	45	79	78	60	63	70
June	29.13	29.90	29.51	28.59	62.8	63.8	74.0	70.6	59.0	59.9	64.5	62.8	77.7	57.4	67.6	90	45	56	57	59	58	58	80	80	61	66	72
July	29.30	30.07	29.57	28.94	67.8	68.4	82.1	77.4	62.5	63.0	67.3	65.7	84.4	62.3	73.4	99	49	59	60	59	59	59	75	74	46	54	63
August	29.30	30.07	29.57	28.93	66.0	66.1	76.0	72.6	62.7	62.8	66.3	65.2	79.1	61.8	70.4	91	45	61	61	61	61	61	84	84	62	69	74
September	29.31	30.09	29.66	28.79	57.8	56.3	69.7	64.4	55.5	54.5	59.9	58.3	72.5	53.1	62.8	91	36	54	53	53	54	53	87	90	57	69	76
October	29.31	30.10	29.55	28.90	48.8	47.0	58.8	54.1	46.2	45.1	50.4	48.7	61.0	43.3	52.2	84	30	44	43	43	44	43	83	87	58	69	74
November	29.29	30.10	29.66	28.54	36.9	35.6	41.6	38.6	34.1	33.6	37.3	35.2	44.6	31.4	38.0	64	18	30	31	32	30	31	76	82	68	72	74
December	29.29	30.10	29.84	28.54	31.4	30.3	34.3	32.3	29.7	28.8	31.7	30.3	37.6	26.5	32.0	53	6	27	26	28	27	27	82	83	76	79	80
Year	29.24	30.04	29.84	28.31	44.2	43.6	52.6	49.4	41.6	41.2	45.6	44.2	55.4	39.4	47.4	99	−9	39	39	39	39	39	81	83	63	70	74

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.	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	28.56	30.24	28.88	28.00	−0.1	−1.5	6.0	4.8	−0.4	−1.7	5.3	4.5	11.0	−7.7	1.6	40	−26	−2	−3	2	3	0	92	94	85	94	91
February	28.48	30.14	29.11	27.87	10.9	9.9	16.9	15.8	10.7	9.8	16.2	15.4	19.7	5.3	12.5	39	−20	10	9	14	14	12	94	98	88	92	93
March	28.46	30.11	28.86	27.95	14.3	11.6	22.2	21.4	14.1	11.4	21.0	20.5	25.9	7.3	16.6	40	−15	13	11	18	18	15	95	96	83	86	90
April	28.46	30.07	29.04	27.95	33.6	30.6	40.5	40.5	31.6	29.3	35.9	35.8	44.3	27.9	36.1	68	3	29	27	30	30	29	82	88	68	67	76
May	28.41	29.98	28.75	27.94	47.6	44.4	59.6	61.3	43.3	41.6	49.7	50.3	65.1	40.9	53.0	86	27	39	38	40	40	39	72	80	54	50	64
June	28.35	29.90	28.74	27.99	55.8	53.0	68.9	70.5	51.1	50.4	57.1	57.3	74.2	48.6	61.4	89	36	47	47	48	47	47	74	82	50	45	63
July	28.43	29.98	28.75	28.03	63.8	60.5	77.6	78.0	59.2	57.4	64.3	64.9	83.0	57.5	70.2	98	44	56	55	56	57	56	78	84	51	51	66
August	28.46	30.02	28.77	28.11	60.9	57.0	72.8	71.8	57.4	55.0	62.4	61.9	76.6	55.4	66.0	90	45	55	53	56	56	55	50	88	58	60	64
September	28.48	30.05	28.84	28.11	54.6	49.7	70.0	67.8	51.8	48.1	59.1	58.4	74.6	47.5	61.0	89	29	49	47	51	52	50	83	91	53	57	71
October	28.38	29.97	28.80	27.76	45.1	41.6	55.6	52.3	42.1	39.5	47.5	46.0	59.1	39.1	49.1	74	28	39	37	39	39	38	79	85	56	54	71
November	28.51	30.15	29.00	28.18	20.6	18.9	24.0	22.1	19.8	18.2	22.3	20.8	27.3	15.1	21.2	47	−15	18	17	19	19	18	90	92	82	87	88
December	28.40	30.05	29.06	27.81	15.0	13.9	20.0	18.8	14.6	13.6	19.4	18.4	25.6	6.7	16.1	41	−25	14	13	18	17	15	94	95	91	92	93
Year	28.45	30.06	29.11	27.76	35.2	32.5	44.5	43.8	32.9	31.0	38.4	37.8	48.9	28.6	38.7	98	−26	31	29	33	33	31	82	89	68	70	78

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

DENVER, COLO.

Airport [H=5,299 ft.; H_b=5,332 ft.; H_t=34 ft.; H_r=32 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	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.78	0.43	11.2	6.0	7.8	S.	30	N.	0	9	11	11	9	5	13	8	0	5	3	0	1	14	0	0	27	5	0
February	.66	.22	9.7	6.9	7.7	S.	27	NW.	0	4	12	13	7	7	11	7	0	0	0	0	0	4	0	0	22	0	1
March	2.29	1.20	20.0	5.5	8.0	S.	22	NE.	0	10	10	11	9	6	10	8	0	2	0	0	0	1	0	0	19	0	0
April	1.53	.57	3.3	7.3	8.1	S.	36	N.	2	2	11	17	9	7	5	5	0	1	0	0	1	0	0	0	8	0	1
May	1.55	.76	.0	6.3	7.0	S.	30	NW.	0	8	8	15	8	7	0	0	0	0	0	0	0	0	0	0	0	0	4
June	.22	.19	.0	4.8	7.7	S.	27	NE.	0	11	12	7	4	1	0	0	2	0	0	0	0	0	8	0	0	0	7
July	.62	.19	.0	6.0	7.2	S.	29	SE.	0	7	14	10	10	5	0	0	0	1	0	0	1	0	12	2	0	0	17
August	.38	.24	.0	4.5	7.2	S.	34	N.	1	10	17	4	8	3	0	0	0	0	0	0	0	0	6	0	0	0	7
September	2.47	.77	.0	5.3	6.2	S.	29	NE.	0	9	13	8	12	9	0	0	2	1	0	0	0	0	1	0	0	0	13
October	.48	.42	.0	3.0	6.6	S.	22	W.	0	18	12	1	2	2	0	0	0	2	1	0	0	0	0	0	0	0	1
November	.74	.42	7.7	4.6	6.8	S.	26	W.	0	15	7	8	5	3	8	5	0	0	0	0	0	5	0	0	19	0	0
December	.31	.19	5.4	4.2	6.7	S.	26	NW.	0	12	14	5	3	2	4	3	0	1	0	0	0	6	0	0	26	2	0
Year	12.03	1.20	57.3	5.4	7.2	S.	36	N.	3	115	141	110	86	57	51	36	4	13	4	0	3	30	27	2	121	7	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	0.80	0.51	9.2	4.6	10.6	NW.	30	NW.	0	14	6	11	5	3	14	4	0	1	0	0	0	29	0	0	31	15	0
February	1.80	.40	12.7	7.5	9.6	N.	29	N.	0	6	3	20	10	9	18	8	0	4	2	2	2	13	0	0	27	2	0
March	1.67	.65	9.5	7.6	10.9	N.	32	SW.	1	4	7	20	12	10	13	8	0	7	1	1	1	9	0	0	23	0	2
April	3.18	1.06	.0	7.0	11.4	SE.	28	N.	0	6	7	17	12	9	0	0	0	5	0	0	0	0	0	0	6	0	1
May	2.08	1.63	T	6.0	10.1	N.	31	NW.	0	10	8	13	8	5	1	0	0	0	0	0	0	0	1	0	0	0	4
June	1.68	.82	.0	5.8	10.2	SW.	30	W.	0	9	10	11	7	7	0	0	0	1	1	1	0	0	5	1	0	0	7
July	3.87	1.68	.0	4.7	8.9	S.	37	N.	1	13	10	8	10	7	0	0	0	1	6	0	0	0	15	8	0	0	12
August	6.72	2.20	.0	5.9	7.8	SE.	33	SE.	1	11	7	13	16	14	0	0	0	4	1	0	0	0	4	1	0	0	10
September	.33	.29	.0	3.4	8.0	SE.	24	N.	0	17	9	4	2	2	0	0	0	6	0	0	0	0	2	0	0	0	1
October	1.75	.88	.0	3.8	8.5	SE.	27	N.	0	16	10	5	7	6	0	0	0	4	4	0	0	0	0	0	0	0	5
November	2.17	.86	2.0	6.4	11.0	NW.	36	NW.	1	9	6	15	8	7	5	2	0	3	0	0	0	6	0	0	18	0	0
December	1.46	.86	15.4	7.3	9.5	N.	29	NW.	0	7	5	19	7	5	11	6	0	19	3	3	3	8	0	0	23	1	0
Year	27.53	2.20	48.8	5.8	9.7	SE.	37	N.	4	122	88	156	104	84	62	28	0	55	12	7	6	65	27	10	128	18	42

DETROIT, MICH.

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

January	1.41	0.82	5.9	8.6	11.3	W.	34	W.	2	1	5	25	15	9	28	14	0	14	1	1	1	26	0	0	31	2	0
February	1.29	.48	11.7	7.8	10.0	NE.	29	W.	0	4	5	20	15	8	21	15	0	15	3	2	1	12	0	0	28	0	0
March	2.07	.58	9.3	7.6	11.6	NW.	30	W.	0	2	10	19	14	9	19	8	0	13	0	0	0	10	0	0	26	0	2
April	2.61	.86	3.4	6.8	10.5	NW.	27	N.	0	7	7	16	12	6	4	2	0	9	2	3	2	1	0	0	10	0	1
May	3.50	1.21	T	7.4	9.8	SW.	35	SW.	1	2	12	17	16	12	3	2	1	12	1	1	1	0	0	0	0	0	4
June	3.27	.72	.0	6.1	9.7	W.	34	SW.	2	7	13	10	12	11	0	0	0	8	0	1	1	0	1	0	0	0	9
July	1.17	.65	.0	4.8	8.3	SW.	29	NW.	0	12	14	5	8	6	0	0	0	4	0	0	0	0	9	6	0	0	6
August	7.51	2.35	.0	6.5	8.0	E.	31	S.	0	5	12	14	12	10	0	0	1	11	2	1	0	0	2	0	0	0	5
September	1.73	.76	.0	5.4	7.6	NW.	23	NW.	0	11	9	10	8	5	0	0	0	19	2	4	4	0	1	0	0	0	3
October	2.55	1.19	.0	6.1	8.5	NW.	30	NW.	0	6	14	11	9	7	0	0	0	19	3	1	0	0	0	0	2	0	1
November	2.75	1.10	9.1	7.9	12.3	NW.	45	SW.	2	5	3	22	13	11	8	7	0	7	1	0	0	3	0	0	18	0	0
December	2.98	1.34	4.3	8.7	10.5	NW.	30	SW.	0	1	5	25	10	6	11	5	0	13	0	0	0	7	0	0	25	0	0
Year	32.03	2.35	43.7	7.0	9.8	NW.	45	SW.	7	63	109	194	144	100	94	53	2	144	15	14	10	59	13	6	140	2	31

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	0.15	0.06	2.1	6.2	9.0	NW.	25	NW.	0	6	14	11	6	2	24	6	0	5	3	3	3	29	0	0	31	25	0
February	.83	.32	8.9	8.2	7.5	SE.	22	NE.	0	3	5	21	10	4	22	10	0	6	3	3	2	28	0	0	29	10	0
March	.92	.56	7.1	6.5	7.4	NW.	19	N.	0	6	9	16	9	5	16	9	0	20	7	4	3	21	0	0	31	8	0
April	2.54	1.37	1.9	7.7	10.7	NE.	36	E.	1	3	6	21	11	6	9	4	1	5	0	0	0	4	0	0	19	0	2
May	1.93	.67	T	6.2	8.5	N.	33	N.	1	7	14	10	11	8	1	1	0	0	0	0	0	0	0	0	2	0	6
June	1.80	.89	.0	5.6	8.9	NW.	30	NW.	0	8	14	8	14	8	0	0	0	0	0	0	0	0	0	0	0	0	7
July	7.24	1.84	.0	5.4	7.5	E.	38	W.	2	10	16	5	15	11	0	0	2	7	0	0	0	0	6	3	0	0	14
August	3.38	1.75	.0	4.7	7.7	SE.	38	N.	1	15	5	11	9	7	0	0	1	15	1	1	1	0	2	0	0	0	6
September	1.16	.60	.0	4.3	7.5	SE.	25	N.	0	13	9	8	9	4	0	0	0	8	3	3	3	0	0	0	3	0	4
October	2.21	1.16	.0	6.5	8.8	SE.	27	NW.	0	9	4	18	9	7	0	0	0	5	0	0	0	0	0	0	5	0	3
November	.45	.14	5.1	7.8	10.1	NW.	31	NW.	0	4	6	20	8	4	7	7	0	2	1	1	1	16	0	0	27	6	0
December	.56	.24	4.2	7.4	8.1	SW.	33	NW.	1	7	3	21	8	4	16	8	0	11	10	9	9	21	0	0	31	10	0
Year	23.17	1.84	29.3	6.4	8.5	NW.	38	N.	6	91	105	170	119	70	105	45	4	84	28	24	22	119	8	3	178	59	42

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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	27.52	30.27	27.94	26.96	14.5	13.1	20.7	18.8	13.5	12.1	18.6	17.5	25.0	8.3	16.6	46	−7	10	9	13	14	12	82	80	71	80	78
February	27.35	30.02	27.88	26.84	32.0	29.2	38.6	38.8	29.8	27.4	33.3	34.3	44.1	26.4	35.2	76	14	27	25	26	29	27	80	82	63	69	74
March	27.29	29.92	27.72	26.75	40.4	35.3	50.7	53.3	35.6	32.5	41.2	41.8	58.6	32.5	45.6	88	18	30	29	31	29	29	68	77	52	46	61
April	27.31	29.90	27.99	26.84	49.8	43.7	59.1	61.6	43.9	40.0	48.0	49.1	65.5	41.1	53.3	88	18	38	36	38	38	38	67	75	49	45	59
May	27.36	29.93	27.70	27.04	58.7	53.7	70.7	72.5	53.0	49.7	57.3	58.1	76.1	51.6	63.8	89	40	48	46	48	48	47	70	77	47	44	60
June	27.34	29.88	27.65	27.00	67.6	63.5	80.6	81.4	60.0	58.2	64.1	63.8	85.7	60.4	73.0	104	48	55	55	54	53	54	67	75	43	42	57
July	27.38	29.91	27.65	27.06	76.9	70.3	89.8	90.7	64.6	63.2	68.4	67.5	95.0	69.1	82.0	107	56	58	59	58	56	58	54	70	37	33	48
August	27.40	29.94	27.76	27.14	69.8	66.2	82.7	82.1	63.3	62.1	66.8	66.7	87.1	64.5	75.8	101	56	60	60	58	59	59	72	81	45	48	62
September	27.44	30.00	27.81	27.24	65.6	60.3	77.0	76.1	58.7	56.6	63.1	62.5	81.6	58.9	70.2	97	44	54	54	55	54	54	69	81	50	50	63
October	27.40	29.98	27.80	27.01	57.9	51.7	72.7	69.0	51.1	47.1	56.8	56.0	77.7	49.1	63.4	89	31	45	43	45	46	45	64	73	39	45	55
November	27.46	30.11	27.95	26.81	36.6	33.5	46.9	43.1	33.6	31.3	39.1	37.7	52.4	29.1	40.8	78	2	30	28	30	32	30	77	81	57	66	70
December	27.41	30.08	27.81	26.76	32.6	30.5	43.3	39.3	30.5	28.8	36.7	35.1	48.1	27.5	37.8	71	8	28	26	29	30	28	81	84	60	71	74
Year	27.39	29.99	27.96	26.75	50.2	45.9	61.1	60.6	44.8	42.4	49.4	49.2	66.4	43.2	54.8	107	−7	40	39	40	41	40	71	78	51	53	63

DUBUQUE, IOWA

[ϕ=42°30′ N.; λ=90°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	29.37	30.17	29.71	28.44	10.5	7.6	14.8	15.0	9.9	7.2	13.3	13.7	19.1	4.5	11.8	34	−18	8	6	8	10	8	86	91	73	77	82
February	29.30	30.08	29.93	28.67	24.4	21.8	28.6	28.9	23.0	20.5	25.8	26.5	31.8	18.9	25.4	41	−7	20	18	20	22	20	83	84	69	72	77
March	29.26	30.04	29.79	28.63	29.1	25.2	33.8	33.9	26.9	23.8	29.3	29.7	37.4	23.7	30.6	70	6	23	21	21	22	22	76	83	59	62	70
April	29.24	30.00	29.71	28.70	44.0	40.4	51.6	52.0	38.9	36.8	42.7	42.8	56.6	37.5	47.0	75	21	32	32	31	32	32	64	72	49	49	58
May	29.15	29.90	29.53	28.78	53.3	51.3	63.1	63.4	48.9	47.4	52.8	53.2	67.8	47.9	57.8	90	35	45	44	44	44	44	75	76	53	54	64
June	29.15	29.88	29.53	28.73	66.0	64.9	77.2	76.8	60.6	60.3	64.1	65.3	81.5	61.4	71.4	93	53	57	57	56	58	57	74	77	50	55	64
July	29.30	30.04	29.60	28.92	71.4	69.6	82.9	82.6	64.7	63.9	68.2	69.1	87.1	66.4	76.8	102	52	61	61	60	62	61	71	74	48	52	61
August	29.28	30.01	29.59	29.01	67.2	64.7	74.7	74.5	64.1	62.3	66.0	66.9	79.2	62.8	71.0	96	51	62	61	61	63	62	85	88	64	68	76
September	29.36	30.10	29.73	28.97	59.9	55.9	72.3	68.9	56.0	53.4	60.4	60.0	75.8	54.0	64.9	91	36	53	51	52	54	53	79	86	50	59	68
October	29.29	30.05	29.61	28.96	51.5	48.5	62.9	59.1	48.3	45.9	52.6	51.8	66.7	46.1	56.4	81	35	45	44	43	45	44	80	83	51	61	69
November	29.35	30.12	29.82	28.25	33.2	30.6	38.5	36.1	31.0	28.8	34.2	32.6	43.2	26.5	34.8	70	2	28	26	28	28	27	80	83	67	72	75
December	29.33	30.12	29.90	28.76	28.6	27.1	31.6	30.5	27.1	25.8	29.3	28.6	34.9	23.6	29.2	54	−9	24	24	25	25	25	84	86	76	80	81
Year	29.28	30.04	29.93	28.25	44.9	42.3	52.7	51.8	41.6	39.7	44.9	45.0	56.8	39.4	48.1	102	−18	38	37	37	39	38	78	82	59	63	70

DULUTH, MINN.

[ϕ=46°47′ N.; λ=92°06′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	28.82	30.12	29.15	28.31	6.1	3.7	11.5	10.5	5.4	3.2	10.1	9.4	16.5	−0.3	8.1	31	−22	1	1	4	5	3	80	88	71	77	79
February	28.82	30.10	29.43	28.29	18.0	14.8	22.7	21.5	16.7	13.9	20.5	19.9	25.8	11.5	18.6	38	−9	13	11	15	16	14	77	85	70	76	77
March	28.80	30.07	29.22	28.02	18.7	15.1	25.2	23.1	17.4	14.3	22.5	21.1	28.0	13.2	20.6	40	−8	14	12	16	16	14	79	84	66	73	76
April	28.79	30.04	29.25	28.17	33.5	32.9	41.1	39.0	30.1	30.0	35.7	34.0	45.2	29.0	37.1	64	6	24	25	28	26	26	68	73	61	61	66
May	28.72	29.95	29.06	28.36	44.2	43.5	51.8	50.9	40.1	40.1	44.6	43.8	56.8	39.0	47.9	84	24	35	36	37	36	36	71	75	61	60	67
June	28.67	29.87	29.07	28.32	52.8	53.1	63.1	62.6	49.0	49.8	54.1	54.0	68.4	46.8	57.6	86	39	46	47	47	47	47	77	80	59	61	69
July	28.82	30.02	29.15	28.39	60.8	60.8	72.1	70.9	57.0	57.9	62.7	61.5	76.5	56.1	66.3	91	44	54	56	57	55	56	80	84	61	60	72
August	28.82	30.03	29.13	28.53	60.3	58.6	68.0	66.1	57.3	56.5	60.9	60.3	71.6	56.1	63.8	86	39	55	55	56	57	56	84	88	69	74	79
September	28.86	30.07	29.27	28.50	55.9	53.1	66.0	60.9	53.0	51.1	58.0	55.7	69.5	50.5	60.0	84	31	50	49	52	52	51	83	87	62	72	76
October	28.79	30.02	29.17	28.40	45.8	43.5	54.0	50.1	43.0	41.6	47.6	45.4	56.8	40.9	48.8	73	26	40	39	41	40	40	80	86	65	72	76
November	28.79	30.05	29.34	27.47	25.6	25.1	29.1	26.3	24.3	23.9	26.8	24.7	32.2	19.4	25.8	48	−7	21	22	22	22	22	84	86	76	81	82
December	28.79	30.07	29.42	28.14	17.8	15.8	21.6	20.5	17.0	15.2	19.9	19.4	26.3	11.5	18.9	45	−19	15	13	16	16	15	87	88	76	83	83
Year	28.79	30.03	29.43	27.47	36.6	35.0	43.8	41.9	34.2	33.1	38.6	37.4	47.8	31.1	39.5	91	−22	31	30	32	32	32	79	84	66	71	75

EASTPORT, MAINE

[ϕ=44°54′ N.; λ=66°59′ 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	29.78	29.87	30.42	29.18	----	14.9	21.6	19.8	----	13.8	19.0	17.5	24.1	11.5	17.8	40	−6	----	10	11	10	10	----	78	61	64	68
February	29.77	29.86	30.28	28.58	----	21.1	28.6	26.3	----	19.7	25.4	23.8	30.4	17.6	24.0	42	6	----	16	17	18	17	----	79	62	68	70
March	29.74	29.83	30.47	29.00	----	26.3	33.0	30.2	----	24.6	29.4	27.5	34.7	23.1	28.9	49	7	----	20	22	22	21	----	77	64	70	70
April	29.85	29.94	30.33	29.10	----	35.8	41.1	37.1	----	33.4	36.5	34.1	42.6	31.4	37.0	53	23	----	30	29	29	30	----	78	65	75	73
May	29.90	29.98	30.22	29.51	----	45.9	51.6	47.6	----	43.5	47.1	44.5	54.6	40.9	47.8	79	37	----	41	42	41	41	----	84	74	80	79
June	29.77	29.85	30.26	29.27	----	51.6	57.9	52.7	----	49.1	52.4	49.8	62.0	45.5	53.8	72	42	----	47	48	47	47	----	85	72	83	80
July	29.92	30.00	30.18	29.50	----	59.9	66.3	59.9	----	57.1	60.0	56.2	69.4	52.0	60.7	84	46	----	55	56	54	55	----	85	71	81	79
August	30.02	30.10	30.43	29.56	----	58.1	67.0	60.4	----	55.2	60.3	56.1	70.2	51.4	60.8	81	44	----	53	56	53	54	----	84	69	77	77
September	29.89	29.97	30.35	29.23	----	53.2	59.0	54.3	----	51.9	55.6	52.5	61.6	48.7	55.2	76	38	----	51	53	51	52	----	92	82	89	88
October	29.92	30.00	30.33	29.51	----	42.3	49.4	44.6	----	40.3	44.3	41.4	50.5	38.1	44.3	61	27	----	38	38	37	38	----	83	66	75	75
November	29.92	30.01	30.48	29.24	----	36.4	40.1	38.1	----	34.6	37.4	36.2	42.8	32.0	37.4	53	10	----	32	34	33	33	----	83	78	82	81
December	29.97	30.06	30.57	29.35	----	25.1	29.1	28.0	----	23.9	26.8	25.9	35.8	17.7	26.8	48	−4	----	21	22	22	21	----	83	73	77	78
Year	29.87	29.96	30.57	28.58	----	39.2	45.4	41.6	----	37.3	41.2	38.8	48.2	34.2	41.2	84	−6	----	34	36	35	35	----	83	70	77	76

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

DODGE CITY, KAN.

[H=2,522 ft.; H_b=2,509 ft.; H_t=10 ft.; H_r=3 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.50	0.31	6.7	5.5	11.0	NW.	27	N.	0	11	7	13	8	3	12	8	0	9	3	2	2	23	0	0	31	7	0
February	.59	.25	5.9	5.7	12.7	N.	31	N.	0	11	4	14	7	5	12	6	0	7	3	1	0	3	0	0	23	0	0
March	1.31	.94	.8	4.8	13.1	NE.	39	NE.	5	11	13	7	6	4	4	1	1	6	3	3	2	1	0	0	14	0	1
April	3.54	1.75	1.5	5.3	14.4	NE.	37	S.	4	11	8	11	9	7	5	3	2	4	2	1	0	0	0	0	5	0	4
May	4.41	1.73	.0	4.9	11.3	NE.	35	NE.	3	13	8	10	9	7	0	0	0	2	1	1	1	0	0	0	0	0	8
June	3.53	2.46	.0	4.7	11.4	S.	49	NW.	4	11	15	4	9	6	0	0	2	0	0	0	0	0	7	3	0	0	10
July	1.52	1.22	.0	3.9	12.2	S.	40	NW.	3	15	14	2	5	3	0	0	2	2	1	1	0	0	23	20	0	0	10
August	5.09	2.70	.0	5.0	9.8	S.	30	S.	0	8	19	4	12	10	0	0	0	2	1	1	0	0	7	3	0	0	14
September	2.05	.47	.0	5.0	11.0	S.	29	S.	0	12	10	8	8	8	0	0	0	0	0	0	0	0	8	2	0	0	4
October	.12	.07	.0	3.3	11.9	S.	34	SE.	1	18	10	3	3	1	0	0	0	0	0	0	0	0	0	0	1	0	2
November	2.39	1.33	2.5	5.0	11.3	S.	38	N.	2	13	7	10	7	4	6	4	0	5	2	3	0	3	0	0	18	0	0
December	.79	.26	5.5	5.2	10.0	NW.	28	SW.	0	12	9	10	6	6	7	5	0	7	3	1	1	4	0	0	22	0	0
Year	25.84	2.70	22.9	4.9	11.7	S.	49	NW.	22	146	124	96	89	64	46	27	7	44	19	14	6	34	45	28	114	7	53

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.56	1.33	17.2	5.7	6.9	NW.	24	NW.	0	11	7	13	7	6	20	7	0	3	2	0	0	29	0	0	31	11	0
February	1.11	.52	9.9	7.2	6.8	NW.	19	NE.	0	6	5	18	9	6	17	8	0	3	1	1	1	13	0	0	28	2	0
March	.72	.24	5.8	7.5	7.2	NW.	21	E.	0	3	8	20	10	6	12	6	0	4	2	1	1	10	0	0	24	0	0
April	2.42	.72	1.5	6.8	7.5	NW.	21	NW.	0	7	6	17	12	8	5	1	0	3	1	0	0	0	0	0	5	0	3
May	3.00	1.07	T	7.2	6.5	NW.	24	NW.	0	6	6	19	12	8	1	0	0	3	0	0	0	0	0	0	0	0	5
June	6.48	2.70	.0	6.4	6.1	NW.	32	NW.	1	7	8	15	11	9	0	0	2	0	0	0	0	0	3	0	0	0	8
July	3.71	2.13	.0	4.8	5.5	S.	27	N.	0	11	13	7	10	6	0	0	0	2	0	0	0	0	10	6	0	0	9
August	6.72	1.68	.0	7.2	5.0	NW.	18	NW.	0	4	10	17	16	13	0	0	0	4	3	2	1	0	1	1	0	0	10
September	1.48	.87	.0	4.6	4.7	S.	15	N.	0	9	7	9	7	4	0	0	0	7	6	5	3	0	1	0	0	0	1
October	2.71	1.34	.0	5.8	5.2	SE.	18	SE.	0	11	9	11	7	6	0	0	0	7	5	5	4	0	0	0	0	0	4
November	1.98	.61	4.7	7.8	7.0	NW.	22	SW.	0	4	6	20	11	6	6	4	1	2	0	0	0	7	0	0	19	0	0
December	2.01	1.21	6.5	8.1	6.5	NW.	21	NW.	0	3	7	21	8	6	11	6	0	7	5	5	0	9	0	0	22	2	0
Year	33.90	2.70	45.6	6.6	6.2	NW.	32	NW.	1	87	92	187	120	84	72	32	3	45	25	19	10	68	15	7	129	15	40

DULUTH, MINN.

[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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.27	0.11	3.6	5.9	13.2	NW.	43	NW.	9	9	10	12	9	3	19	9	0	2	1	0	0	31	0	0	31	13	0
February	1.07	.27	13.2	6.1	11.3	NW.	33	NE.	1	8	7	14	11	7	18	10	0	1	1	2	1	25	0	0	29	6	0
March	1.58	.73	14.6	5.4	12.8	NE.	36	NW.	4	13	5	13	8	5	10	8	0	4	3	3	2	20	0	0	31	4	2
April	2.56	1.00	2.1	6.5	11.1	NE.	34	NE.	3	5	12	13	8	7	8	4	1	4	4	4	4	2	0	0	22	0	2
May	3.52	1.40	.7	6.4	11.4	NE.	39	NE.	2	7	9	15	14	11	3	2	1	6	6	6	5	0	0	0	1	0	0
June	1.84	.41	.0	5.5	11.6	NE.	45	NW.	5	9	10	11	13	7	0	0	1	9	8	8	8	0	0	0	0	0	7
July	3.05	.92	.0	5.0	9.0	NE.	37	NW.	1	11	12	8	10	10	0	0	0	8	7	7	7	0	1	0	0	0	5
August	2.14	.57	.0	7.1	10.6	NE.	30	NW.	0	5	9	17	17	11	0	0	0	8	7	7	9	0	0	0	0	0	7
September	3.47	2.12	.0	4.9	9.9	NE.	31	NW.	0	12	10	8	5	3	0	0	0	9	7	7	7	0	0	0	1	0	2
October	2.19	1.25	.0	6.5	13.0	NE.	34	NE.	2	8	6	17	9	9	0	0	0	9	5	5	5	0	0	0	1	0	1
November	3.40	1.69	14.7	8.1	15.0	NW.	52	NW.	6	3	4	23	14	9	16	10	0	4	4	2	3	14	0	0	24	3	0
December	.51	.35	5.7	7.5	11.7	NW.	47	NW.	5	5	6	20	10	3	17	9	0	5	3	3	1	20	0	0	29	8	0
Year	25.60	2.12	54.6	6.2	11.7	NE.	52	NW.	38	95	100	171	128	85	91	52	3	69	56	54	52	112	1	0	169	34	26

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.56	0.47	2.6	5.4	12.2	W.	40	E.	1	13	4	14	4	2	13	2	0	1	0	0	0	28	0	0	31	2	0
February	1.77	.61	18.4	5.7	13.0	NW.	38	NE.	3	11	5	13	5	4	13	5	0	3	1	0	2	17	0	0	29	0	0
March	2.70	.80	13.6	6.3	12.6	NW.	42	E.	4	8	7	16	11	10	13	6	0	10	0	0	2	7	0	0	25	0	0
April	2.35	.71	10.0	6.2	12.3	NW.	46	NE.	5	7	10	13	13	9	12	5	0	10	1	0	3	0	0	0	15	0	0
May	1.20	.41	.0	6.8	10.8	E.	32	E.	1	5	11	15	10	5	0	0	1	14	0	0	7	0	0	0	0	0	1
June	2.20	1.01	.0	5.8	9.5	SW.	35	E.	1	9	11	10	15	8	0	0	0	16	0	0	9	0	0	0	0	0	1
July	1.67	.84	.0	5.6	7.7	SW.	23	SW.	0	11	9	11	13	5	0	0	0	15	1	0	11	0	0	0	0	0	3
August	2.34	1.58	.0	2.9	8.3	SW.	22	NW.	0	20	9	2	6	4	0	0	0	12	1	0	6	0	0	0	0	0	1
September	6.85	3.66	.0	5.8	8.6	SW.	42	NE.	2	10	8	12	13	11	0	0	0	15	1	0	7	0	0	0	0	0	2
October	.97	.46	1.6	5.2	9.9	NW.	27	NW.	0	11	12	8	8	5	3	2	0	13	0	0	1	0	0	0	10	0	1
November	4.37	.95	8.9	7.2	11.0	NW.	33	E.	1	8	3	19	17	14	6	6	0	14	0	0	2	6	0	0	14	0	0
December	3.28	.59	10.9	7.2	10.5	NW.	29	SW.	0	6	6	19	15	12	9	8	0	8	0	0	3	10	0	0	26	2	0
Year	30.26	3.66	66.0	5.8	10.5	NW.	46	NE.	18	119	95	152	130	89	69	34	1	131	5	0	53	68	0	0	150	4	9

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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	27.96	30.12	28.34	27.43	16.3	14.3	23.8	19.4	15.2	13.4	21.5	18.0	26.0	11.5	18.8	51	−7	12	10	16	14	13	82	83	70	78	78
February	27.90	30.01	28.31	27.25	28.2	25.3	35.7	32.3	27.1	24.0	32.4	30.0	40.8	22.8	31.8	60	3	25	22	27	26	25	88	87	72	78	82
March	27.89	29.98	28.31	27.46	31.8	31.6	42.7	37.5	29.8	29.7	37.4	33.8	45.7	27.6	36.6	72	5	27	27	31	28	28	82	82	64	70	74
April	27.91	29.98	28.34	27.42	41.0	39.2	55.0	49.5	38.4	37.1	47.0	43.7	58.8	35.0	46.9	78	17	35	35	39	37	36	80	84	58	65	72
May	27.90	29.94	28.19	27.53	48.2	50.2	67.0	59.5	46.4	47.4	54.6	52.3	70.0	45.0	57.5	88	29	44	45	45	46	45	88	83	48	65	71
June	27.98	29.98	28.24	27.61	59.9	62.4	74.6	68.2	58.5	59.8	64.6	63.7	78.5	57.6	68.0	89	39	58	58	59	61	59	92	87	59	79	79
July	28.10	30.12	28.36	27.92	59.9	61.8	78.3	71.5	59.3	60.4	67.5	66.5	80.8	58.1	69.4	92	44	59	60	62	64	61	96	93	58	78	81
August	28.07	30.08	28.30	27.76	61.9	63.4	77.2	69.5	60.3	61.1	66.6	64.2	79.5	59.7	69.6	88	46	59	60	61	61	60	92	89	58	76	79
September	28.08	30.12	28.31	27.61	50.0	48.1	69.3	58.8	49.4	47.8	58.5	55.3	72.0	46.7	59.4	85	31	49	48	51	53	50	96	98	53	81	82
October	28.06	30.13	28.30	27.74	43.3	42.9	61.5	50.6	42.4	41.9	52.6	47.3	64.3	40.2	52.2	82	27	42	41	45	44	43	94	93	57	80	81
November	28.08	30.18	28.44	27.64	37.5	35.2	47.0	41.5	35.2	33.8	40.7	37.6	51.1	31.6	41.4	73	17	32	31	33	33	32	82	80	62	72	74
December	28.03	30.13	28.43	27.26	37.6	34.6	45.7	40.3	35.0	32.6	40.6	37.0	50.8	30.4	40.6	64	2	31	30	34	32	32	78	82	66	74	75
Year	28.00	30.06	28.44	27.25	43.0	42.5	56.5	49.9	41.4	40.8	48.7	45.8	59.9	38.8	49.4	92	−7	39	39	42	42	40	88	87	60	75	77

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	30.09	26.51	25.85	36.0	32.7	45.7	48.6	31.7	29.3	37.6	39.3	53.7	31.5	42.6	69	13	25	24	26	27	26	66	70	50	47	58
February	26.15	29.95	26.41	25.86	45.9	40.3	54.1	58.6	37.6	34.4	42.2	43.5	62.3	38.6	50.4	80	28	26	26	27	24	26	48	58	38	29	43
March	26.10	29.86	26.48	25.87	53.3	45.0	62.9	67.9	40.5	36.3	46.0	47.2	71.3	45.4	58.4	85	26	23	23	26	20	23	31	44	25	18	30
April	26.10	29.83	26.66	25.79	60.2	50.8	68.9	73.5	44.1	39.5	48.7	49.7	77.0	50.1	63.6	87	36	24	25	26	23	25	26	37	22	16	25
May	26.13	29.82	26.40	25.93	69.2	59.3	79.6	82.7	51.9	48.1	56.4	55.5	87.2	60.5	73.8	96	51	34	36	36	32	35	33	46	24	20	31
June	26.12	29.79	26.38	25.95	74.8	67.0	82.9	87.0	58.5	56.0	62.2	62.3	91.5	66.8	79.2	100	60	46	47	48	45	46	41	53	34	27	39
July	26.20	29.87	26.37	26.01	78.2	70.7	86.3	90.5	62.5	61.1	66.1	65.2	95.2	71.5	83.4	100	66	52	55	55	50	53	44	60	36	27	42
August	26.19	29.87	26.45	25.99	74.4	68.3	83.0	86.8	62.3	60.5	65.4	64.9	91.0	68.2	79.6	100	62	55	56	56	52	54	54	66	41	33	48
September	26.19	29.88	26.44	26.05	72.1	65.5	81.9	84.5	59.3	56.7	63.0	62.7	88.8	65.5	77.2	95	58	51	51	52	49	50	49	60	36	31	44
October	26.22	29.96	26.54	25.97	60.4	54.1	71.9	73.1	50.9	47.9	55.6	55.1	78.5	53.5	66.0	89	42	42	42	43	40	42	54	65	37	33	47
November	26.24	30.05	26.63	25.94	45.4	40.6	55.6	56.0	39.5	36.5	45.5	45.3	62.0	39.7	50.8	79	26	32	31	35	34	33	61	69	48	46	56
December	26.20	30.02	26.52	25.78	45.4	40.5	53.3	55.1	39.4	36.5	43.6	44.7	61.7	39.1	50.4	70	28	32	32	32	33	32	62	71	46	44	56
Year	26.17	29.92	26.66	25.78	59.6	52.9	68.8	72.0	48.2	45.2	52.7	53.0	76.7	52.5	64.6	104	13	37	37	38	36	37	47	58	36	31	43

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	23.89	30.16	24.21	23.53	21.6	19.5	31.0	33.8	20.5	18.6	27.9	30.3	38.7	14.2	26.4	54	−7	19	17	24	26	21	87	88	72	72	80
February	23.84	30.05	24.10	23.46	28.6	25.7	35.0	37.2	26.8	23.8	30.1	32.0	40.6	21.8	31.2	54	2	24	21	23	25	23	83	82	61	62	72
March	23.85	30.01	24.19	23.45	32.8	27.3	44.9	49.0	28.6	24.8	34.4	36.4	52.7	23.9	38.3	69	14	23	21	20	20	21	67	77	39	36	55
April	23.84	29.96	24.24	23.43	38.9	32.6	50.1	53.6	34.9	30.7	39.8	40.8	56.9	29.9	43.4	73	22	31	28	29	27	29	74	85	48	42	62
May	23.89	29.93	24.16	23.68	48.6	40.2	66.8	70.6	39.1	33.8	47.2	48.2	73.7	37.2	55.4	81	29	29	26	28	27	27	48	58	25	21	38
June	23.92	29.93	24.09	23.71	56.9	43.8	76.4	79.5	42.4	35.3	51.2	52.0	83.3	41.8	62.6	94	29	27	25	29	28	27	34	48	21	18	30
July	23.97	29.94	24.13	23.72	63.9	50.9	81.2	85.3	46.2	40.0	53.3	54.4	87.5	48.7	68.1	95	37	29	28	30	28	29	29	42	16	14	25
August	23.97	29.95	24.13	23.81	62.4	50.8	82.2	85.2	45.6	40.2	54.0	54.5	88.2	48.0	68.1	95	38	29	29	31	29	30	29	43	16	14	26
September	23.92	29.97	24.16	23.72	52.4	44.4	64.6	67.0	45.8	41.1	50.2	49.7	71.5	41.1	56.3	81	30	40	38	39	35	38	66	80	42	34	55
October	23.94	30.06	24.25	23.43	39.5	33.8	57.7	59.5	33.0	29.3	42.6	43.0	64.0	30.2	47.1	76	20	25	23	27	26	25	57	65	34	32	47
November	23.94	30.18	24.26	23.59	26.2	22.5	39.2	38.6	22.8	20.0	31.1	30.8	46.3	17.5	31.9	65	−3	17	16	20	20	18	69	76	48	49	60
December	23.87	30.11	24.22	23.30	25.1	21.5	35.9	35.6	22.9	19.7	29.9	29.6	43.8	17.0	30.4	64	−10	19	17	22	21	20	77	81	59	57	68
Year	23.90	30.02	24.26	23.30	41.4	34.4	55.4	57.9	34.0	29.8	41.0	41.8	62.3	30.9	46.6	95	−10	26	24	27	26	26	60	69	41	38	52

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)	(2)
January	29.25	30.05	29.70	28.42	----	17.2	----	20.2	----	16.3	----	18.8	23.8	14.2	19.0	45	−8	----	14	----	15	15	----	85	----	90	88
February	29.22	30.02	29.75	28.58	----	24.3	----	28.0	----	23.3	----	26.6	31.8	22.0	26.9	49	7	----	21	----	24	23	----	87	----	84	86
March	29.18	29.98	29.64	28.77	----	26.7	----	30.1	----	25.5	----	28.5	35.0	23.5	29.2	65	9	----	23	----	26	24	----	86	----	82	84
April	29.20	29.99	29.67	28.77	----	39.7	----	42.6	----	36.3	----	38.6	49.8	34.0	41.9	79	22	----	32	----	34	33	----	74	----	71	73
May	29.13	29.90	29.46	28.68	----	53.6	----	56.4	----	49.6	----	51.4	64.2	47.8	56.0	88	36	----	46	----	47	47	----	77	----	73	75
June	29.15	29.90	29.49	28.63	----	64.9	----	69.5	----	60.3	----	63.0	74.2	59.4	66.8	87	48	----	58	----	59	58	----	77	----	70	74
July	29.32	30.07	29.61	29.03	64.5	69.2	77.5	73.5	61.2	64.5	67.8	66.1	79.6	65.2	72.4	94	51	59	62	63	62	62	84	78	61	68	73
August	29.32	30.08	29.56	28.92	64.6	66.3	76.9	71.0	60.8	61.6	66.9	64.4	77.9	63.7	70.8	92	49	58	59	62	61	60	81	78	62	71	73
September	29.33	30.09	29.65	28.73	56.2	55.8	66.3	59.0	54.1	53.7	59.9	56.5	68.2	55.4	61.8	80	42	52	52	56	55	54	88	88	70	86	83
October	29.32	30.10	29.59	28.94	46.5	45.2	55.5	48.7	44.2	43.1	50.1	45.7	58.9	44.3	51.6	80	28	42	41	46	43	43	84	85	70	82	80
November	29.31	30.10	29.74	28.78	39.2	38.4	42.8	40.8	36.6	35.8	39.1	37.9	47.4	35.5	41.4	70	22	33	32	34	34	34	80	78	74	79	78
December	29.30	30.10	29.83	28.44	33.3	32.8	36.9	33.7	31.7	31.4	34.4	32.0	41.7	29.5	35.6	61	12	30	29	31	30	30	85	86	80	85	84
Year	29.25	30.03	29.83	28.44	50.7	44.5	59.3	47.8	48.1	41.8	53.0	44.1	54.4	41.2	47.8	94	−8	46	39	49	41	40	84	82	70	78	79

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

ELKINS, W. VA.

Airport [H=1,990 ft.; H_b=2,006 ft.; H_t=5 ft.; H_r=3 ft.; H_a=32 ft.] City [H=1,927 ft.; H_b=1,947 ft.; H_t=61 ft.; H_r=53 ft.; H_a=78 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	1.44	0.34	24.6	8.5	6.8	W.	27	SE.	0	2	4	25	16	12	25	14	0	4	0	2	2	23	0	0	30	3	0
February	4.55	1.07	18.5	8.2	6.6	W.	31	SE.	0	3	5	21	17	15	19	12	0	2	0	0	0	5	0	0	25	0	0
March	3.47	.85	6.2	8.0	8.0	W.	26	SW.	0	3	5	23	20	13	14	11	0	3	0	0	0	7	0	0	22	0	0
April	4.86	1.49	4.1	7.9	7.2	N.	32	SW.	1	3	5	22	16	14	5	3	0	4	0	0	1	0	0	0	13	0	6
May	5.97	1.21	T	7.4	6.0	W.	28	W.	0	4	10	17	18	15	2	2	1	14	3	2	5	0	0	0	2	0	9
June	4.75	.88	.0	7.4	5.9	W.	24	W.	0	2	11	17	17	14	0	0	0	17	10	3	8	0	0	0	0	0	12
July	5.18	1.05	.0	6.2	4.2	W.	25	NW.	0	5	15	11	12	10	0	0	0	28	9	8	14	0	5	0	0	0	8
August	4.63	1.90	.0	6.8	5.1	SE.	19	W.	0	2	14	15	13	10	0	0	0	19	10	4	3	0	0	0	0	0	4
September	3.42	2.71	.0	5.2	4.1	W.	17	NW.	0	15	6	9	7	5	0	0	0	28	24	19	22	0	0	0	2	0	3
October	2.86	.68	.6	6.5	4.5	W.	22	W.	0	8	11	12	12	10	1	1	0	26	15	10	12	0	0	0	4	0	3
November	3.28	.93	7.3	7.8	7.2	W.	28	SE.	0	4	7	19	14	12	8	6	0	14	2	0	0	3	0	0	19	0	0
December	1.83	.41	.7	7.5	6.6	W.	26	W.	0	5	6	20	17	10	6	4	0	14	4	4	2	1	0	0	17	0	0
Year	46.24	2.71	62.0	7.3	6.0	W.	32	SW.	1	56	99	211	179	140	80	53	1	173	77	52	69	39	5	0	134	3	45

EL PASO, TEX.

Airport [H=3,912 ft.; H_b=3,916 ft.; H_t=6 ft.; H_r=18 ft.; H_a=54 ft.] City [H=3,710 ft.; H_b=3,778 ft.; H_t=82 ft.; H_r=75 ft.; H_a=101 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.54	0.33	3.6	4.2	7.6	W.	27	NE.	0	14	12	5	2	2	2	1	0	4	3	3	2	3	0	0	14	0	0
February	.41	.37	T	3.4	8.5	W.	25	SW.	0	17	10	2	4	1	1	0	0	1	1	1	1	0	0	0	5	0	0
March	.02	.02	.0	3.1	8.9	W.	25	SW.	0	18	12	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1
April	.02	.02	.0	3.0	9.6	W.	31	SW.	0	17	12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
May	.43	.22	.0	3.2	8.6	W.	25	N.	0	15	15	1	5	4	0	0	1	0	0	0	0	0	11	2	0	0	3
June	1.87	1.30	.0	3.7	8.9	E.	28	N.	0	18	9	3	7	5	0	0	0	0	0	0	0	0	20	8	0	0	8
July	1.06	.72	.0	3.8	8.0	E.	29	N.	0	15	15	1	8	4	0	0	0	0	0	0	0	0	29	18	0	0	13
August	.78	.43	.0	3.5	7.9	E.	29	N.	0	16	13	2	9	4	0	0	1	0	0	0	0	0	19	9	0	0	11
September	.25	.08	.0	3.8	7.7	E.	27	NW.	0	14	15	1	6	4	0	0	0	0	0	0	0	0	13	0	0	0	4
October	.82	.54	.0	2.7	7.0	E.	23	NE.	0	20	8	3	6	4	0	0	0	0	0	0	0	0	0	0	0	0	7
November	1.25	.71	.0	4.5	7.1	E.	28	NW.	0	13	11	6	6	5	0	0	0	0	0	0	0	0	0	0	6	0	1
December	.31	.12	.0	3.7	6.7	W.	29	W.	0	14	13	4	6	3	0	0	1	0	0	0	0	0	0	0	3	0	1
Year	7.76	1.30	3.6	3.6	8.0	E.	31	SW.	0	191	145	30	61	36	3	1	3	5	4	4	3	3	92	37	30	0	50

ELY, NEV.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.95	0.41	6.4	6.1	9.0	S.	34	NW.	3	10	6	15	9	6	13	9	0	3	0	0	0	6	0	0	31	3	2
February	1.12	.30	7.1	8.0	10.6	S.	38	SE.	3	2	8	19	13	10	18	13	0	0	0	0	0	3	0	0	26	0	1
March	.51	.31	1.7	6.0	11.0	S.	39	NW.	5	6	14	11	4	3	8	3	0	0	0	0	0	0	0	0	30	0	1
April	1.76	.75	6.5	6.3	10.1	S.	38	S.	3	7	8	15	10	8	5	3	0	0	0	1	0	0	0	0	22	0	2
May	.07	.04	.0	5.3	11.7	S.	37	N.	3	7	16	8	3	0	0	0	0	0	0	0	0	0	0	0	6	0	5
June	.70	.68	.0	3.8	11.0	S.	38	SW.	3	17	8	5	3	1	0	0	0	0	0	0	0	0	8	0	4	0	5
July	.03	.03	.0	2.9	12.4	S.	33	NE.	1	18	9	4	1	0	0	0	0	0	0	0	0	0	8	1	0	0	2
August	.05	.05	.0	4.1	10.5	S.	35	S.	3	13	15	3	1	1	0	0	0	0	0	0	0	0	16	1	0	0	6
September	2.07	.87	T	5.3	11.9	S.	38	SE.	3	6	18	6	14	10	1	0	1	2	2	2	0	0	0	0	4	0	12
October	1.06	.55	T	4.5	11.0	S.	41	S.	3	14	7	10	4	4	2	1	1	0	0	0	0	0	0	0	20	0	3
November	.19	.14	2.8	5.5	10.7	S.	31	S.	0	9	11	10	4	2	7	3	0	0	0	0	0	4	0	0	29	1	0
December	.15	.07	2.4	6.2	11.8	S.	42	SE.	2	8	9	14	5	2	12	5	0	0	1	0	0	4	0	0	31	2	0
Year	8.66	.87	25.5	5.3	11.0	S.	42	SE.	32	117	129	120	71	47	66	37	2	5	3	3	0	17	26	2	203	6	39

ERIE, PA.

Airport [H=732 ft.; H_b=737 ft.; H_t=5 ft.; H_r=3 ft.; H_a=38 ft.] City [H=655 ft.; H_b=714 ft.; H_t=57 ft.; H_r=50 ft.; H_a=81 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.15	0.35	18.9	8.4	10.3	S.	35	SE.	1	2	7	22	20	16	22	18	0	0	0	0	0	26	0	0	30	1	0
February	3.12	.74	16.3	7.4	7.9	N.	24	N.	0	4	8	17	19	13	22	19	0	5	5	0	0	16	0	0	27	0	0
March	2.28	.50	10.2	8.0	8.7	SW.	26	E.	0	2	9	20	17	11	19	13	0	2	2	1	0	13	0	0	27	0	1
April	2.12	.89	5.5	6.1	7.9	N.	24	N.	0	5	15	10	12	10	5	5	0	0	0	0	0	2	0	0	9	0	3
May	4.72	1.76	T	6.7	6.9	SW.	33	S.	1	7	9	15	17	14	1	0	0	3	2	1	1	0	0	0	0	0	5
June	2.73	.79	.0	5.4	7.6	SW.	23	SW.	0	9	15	6	14	12	0	0	2	1	0	0	1	0	0	0	0	0	10
July	.95	.76	.0	3.4	6.7	SW.	20	N.	0	16	14	1	4	4	0	0	0	0	0	0	0	0	2	0	0	0	2
August	3.16	.91	.0	5.7	7.8	SE.	21	SE.	0	8	15	8	9	8	0	0	0	0	0	0	0	0	1	0	0	0	2
September	3.14	.89	.0	6.2	6.6	S.	16	E.	0	7	9	14	12	11	0	0	0	1	0	0	0	0	0	0	0	0	5
October	2.12	.64	.3	6.5	7.1	SE.	20	S.	0	3	15	13	15	8	1	1	1	1	0	0	1	0	0	0	3	0	2
November	2.81	.44	7.7	8.5	11.1	W.	28	SE.	0	2	6	22	17	15	11	8	0	0	0	0	0	1	0	0	9	0	1
December	3.50	1.16	10.3	8.5	8.8	S.	24	S.	0	3	4	24	13	10	13	8	0	3	0	0	1	5	0	0	20	0	0
Year	33.80	1.76	60.2	6.7	8.1	SW.	35	SE.	2	68	126	172	169	132	94	72	3	16	9	2	4	63	3	0	125	1	31

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	29.35	30.06	29.78	28.36	15.2	13.4	20.3	17.6	14.5	12.5	18.4	16.4	22.5	8.8	15.6	32	−14	12	10	13	13	12	87	84	72	80	81
February	29.41	30.11	29.86	28.86	19.4	17.9	27.0	23.0	18.5	17.0	24.5	21.6	29.1	13.2	21.2	38	−2	17	15	19	18	17	88	87	70	81	82
March	29.36	30.05	29.85	28.71	19.6	18.4	28.5	25.4	18.5	17.4	25.0	23.4	31.0	15.0	23.0	45	1	16	15	17	19	17	84	84	61	75	76
April	29.38	30.06	29.83	28.86	32.8	31.5	41.4	39.0	30.2	29.3	35.5	34.9	45.1	28.5	36.8	55	14	26	26	27	29	27	76	78	57	68	70
May	29.25	29.92	29.67	28.65	44.0	44.4	52.2	51.2	41.7	42.0	46.5	46.2	55.8	40.9	48.4	71	29	39	39	41	41	40	82	82	68	71	76
June	29.22	29.88	29.64	28.63	56.3	55.5	62.2	62.0	53.5	52.1	55.6	56.7	66.9	51.1	59.0	78	39	51	49	50	53	51	84	80	68	73	76
July	29.41	30.06	29.69	28.94	63.1	62.9	71.1	70.1	60.4	59.5	63.7	63.7	74.3	59.3	66.8	83	47	58	57	59	60	59	86	82	67	70	76
August	29.41	30.07	29.72	29.15	63.3	62.3	69.3	67.7	60.7	59.7	62.8	62.7	71.7	58.9	65.3	82	42	59	58	59	60	59	86	87	71	76	80
September	29.43	30.09	29.87	28.96	55.7	53.3	63.5	60.8	54.1	51.6	58.1	56.8	66.0	51.2	58.6	82	34	53	50	54	54	53	90	90	73	79	83
October	29.41	30.08	29.69	29.04	46.9	44.1	52.8	50.8	44.6	42.3	47.2	46.7	55.1	42.1	48.6	73	29	42	40	41	42	42	84	86	67	74	78
November	29.36	30.05	29.84	28.12	32.6	31.4	36.0	34.1	31.1	29.7	33.1	32.2	38.3	27.3	32.8	53	8	29	27	28	29	28	85	83	73	81	80
December	29.39	30.08	29.99	28.70	23.3	22.9	27.7	26.0	22.3	22.0	25.8	24.6	30.0	18.5	24.2	40	−7	20	20	22	22	21	87	87	76	83	83
Year	29.36	30.04	29.99	28.12	39.4	38.2	46.0	44.0	37.5	36.3	41.4	40.5	48.8	34.6	41.7	83	−14	35	34	36	37	36	85	84	69	76	78

EUREKA, CALIF.

[ϕ=40°48′ N.; λ=124°11′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	29.92	29.99	30.28	29.41	50.4	49.6	52.6	55.5	47.1	45.8	47.9	50.2	58.1	45.4	51.8	73	32	44	42	43	45	44	80	77	72	70	75
February	29.96	30.03	30.34	29.43	51.0	48.8	52.5	54.9	48.2	46.8	49.1	50.1	57.3	46.1	51.7	66	36	46	45	46	45	46	83	88	78	71	80
March	30.01	30.08	30.43	29.47	50.1	47.8	53.3	54.9	47.7	45.6	48.7	50.3	57.7	45.0	51.4	67	35	45	43	44	46	45	85	86	72	73	79
April	30.05	30.12	30.22	29.76	51.7	49.4	54.7	55.5	49.1	47.4	50.1	51.5	57.6	47.8	52.7	65	43	47	46	46	48	47	84	87	74	76	80
May	29.99	30.06	30.21	29.72	53.3	50.8	56.6	57.8	50.9	49.3	52.1	52.7	60.6	49.8	55.2	79	43	48	48	48	48	48	85	90	75	72	80
June	29.98	30.05	30.12	29.77	52.8	50.7	55.1	56.9	51.0	49.7	52.0	52.9	59.0	49.7	54.4	61	46	49	49	49	50	49	88	94	82	77	85
July	30.02	30.09	30.14	29.84	56.1	54.2	58.5	60.0	54.6	53.2	55.2	56.6	62.5	53.5	58.0	68	47	53	52	53	54	53	91	94	82	80	87
August	29.97	30.04	30.11	29.80	56.4	54.3	58.3	59.9	54.8	53.5	55.5	55.3	62.5	53.6	58.0	69	50	54	53	54	54	53	90	95	84	80	87
September	29.92	29.99	30.14	29.78	58.0	55.6	60.8	62.7	56.3	54.5	56.9	58.3	65.2	54.3	59.8	73	49	55	54	54	55	54	90	94	79	77	85
October	29.98	30.05	30.24	29.58	55.1	53.0	57.4	59.3	53.2	51.6	54.0	55.6	62.3	51.1	56.7	72	43	52	50	51	53	52	89	91	81	80	85
November	30.10	30.17	30.30	29.78	49.4	47.2	53.0	54.8	47.4	45.8	48.6	50.6	58.0	44.3	51.2	66	34	45	44	44	47	45	86	90	73	75	81
December	29.85	29.92	30.25	29.04	49.8	48.6	51.7	53.5	47.0	46.4	47.9	49.5	56.8	44.3	50.6	67	30	44	44	44	45	44	82	86	77	76	80
Year	29.98	30.05	30.43	29.04	52.8	50.8	55.4	57.1	50.6	49.1	51.5	52.9	59.8	48.7	54.3	79	30	48	48	48	49	48	86	89	77	76	82

EVANSVILLE, IND.

Airport [ϕ=38°02′ N.; λ=87°32′ W.] City [ϕ=37°58′ N.; λ=87°33′ 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	29.72	30.21	30.06	28.75	18.5	15.0	21.4	23.0	17.2	14.2	19.4	20.9	27.2	11.8	19.5	51	−10	14	12	14	16	14	79	85	72	72	77
February	29.55	30.04	30.08	29.04	34.1	32.2	37.8	37.8	31.6	30.5	34.3	34.4	41.3	29.3	35.3	56	17	28	28	29	30	28	77	83	70	73	76
March	29.53	30.01	30.07	29.17	41.6	39.0	46.7	47.5	37.5	35.8	39.9	40.7	51.9	36.4	44.2	80	20	32	31	31	32	32	69	73	55	56	63
April	29.48	29.96	29.92	28.97	51.4	48.9	59.6	59.2	45.8	44.7	49.8	49.9	63.4	45.6	54.5	85	27	40	40	40	41	40	67	73	52	55	62
May	29.46	29.93	29.74	29.10	59.5	56.1	68.2	68.3	54.1	52.0	56.0	57.2	72.3	54.3	63.3	88	39	50	48	46	49	48	72	76	48	52	62
June	29.50	29.95	29.77	29.16	71.2	69.7	81.6	79.7	65.7	64.6	67.6	68.1	84.9	67.0	76.0	92	54	62	62	60	62	61	75	76	49	56	64
July	29.60	30.06	29.88	29.40	73.9	72.4	84.9	84.1	68.0	67.4	70.0	70.8	88.9	69.5	79.2	100	57	65	65	62	64	64	74	77	48	53	63
August	29.54	30.00	29.75	29.35	74.4	71.7	85.5	82.8	67.9	66.5	70.8	70.2	89.4	69.6	79.5	97	57	64	64	63	64	64	72	76	49	54	63
September	29.62	30.07	29.89	29.10	58.7	55.3	78.3	72.8	55.2	52.7	61.5	60.9	81.4	52.5	67.0	95	40	52	51	50	53	51	80	84	38	50	63
October	29.61	30.07	29.86	29.26	52.3	49.6	72.7	64.3	49.0	47.1	57.8	54.9	75.9	46.1	61.0	87	34	46	45	46	48	46	80	84	40	56	65
November	29.70	30.17	30.05	28.99	41.4	39.2	50.7	46.2	38.0	36.9	43.3	40.8	53.9	33.9	43.9	76	16	34	34	34	35	34	74	81	56	66	69
December	29.64	30.11	30.09	29.02	38.6	36.4	43.9	42.1	36.7	34.8	39.9	39.2	48.6	32.9	40.8	63	12	34	32	35	35	34	83	85	71	77	79
Year	29.58	30.05	30.09	28.75	51.3	48.8	60.9	59.0	47.2	45.6	50.9	50.7	64.9	45.7	55.4	100	−10	43	43	42	44	43	75	79	54	60	67

FORT SMITH, ARK.

[ϕ=35°22′ N.; λ=94°24′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	29.75	30.26	30.19	28.99	24.7	21.2	29.5	30.4	22.2	19.3	25.6	26.6	34.4	18.5	26.4	55	−2	16	14	17	18	16	69	70	58	59	64
February	29.52	30.02	30.02	29.15	39.3	36.3	43.7	45.4	35.9	34.0	39.2	39.7	50.3	33.3	41.8	75	23	31	31	34	32	32	73	80	68	63	71
March	29.46	29.94	29.97	29.03	49.0	44.3	56.5	58.8	43.3	40.1	46.4	48.3	63.6	41.0	52.3	86	25	36	35	36	37	36	63	70	49	47	57
April	29.43	29.91	30.14	29.00	57.5	53.3	64.2	64.5	51.1	48.4	52.8	53.9	69.6	50.2	59.9	90	30	45	44	43	44	44	66	71	49	51	59
May	29.46	29.94	29.68	28.14	64.0	59.6	73.7	75.6	57.7	54.8	60.6	61.6	79.3	57.7	68.5	90	47	53	51	51	52	52	69	74	47	46	59
June	29.45	29.92	29.68	29.24	72.4	69.3	82.5	82.8	67.5	65.4	69.7	70.1	87.1	66.4	76.8	95	59	65	63	63	64	64	78	82	54	55	67
July	29.53	29.99	29.75	29.36	76.5	73.1	85.6	87.1	70.8	69.3	72.6	72.6	90.6	71.4	81.0	101	61	68	68	66	66	67	76	82	55	52	66
August	29.48	29.95	29.71	29.21	74.6	71.0	83.3	83.8	69.5	67.5	71.3	71.3	88.4	69.4	78.9	98	58	67	66	65	65	66	78	83	57	56	68
September	29.57	30.05	29.82	29.25	68.2	63.9	79.0	78.5	63.6	60.2	65.1	65.5	82.8	62.0	72.4	95	45	61	58	56	58	58	78	80	48	50	64
October	29.56	30.04	29.85	29.29	61.8	56.6	74.5	73.2	55.9	52.5	60.7	60.0	79.9	54.5	67.2	88	42	52	49	51	51	50	70	77	45	47	60
November	29.64	30.14	30.11	29.06	47.0	41.9	54.1	53.3	43.4	39.3	46.7	46.1	59.4	39.9	49.6	77	18	39	36	39	38	38	73	78	59	58	67
December	29.58	30.07	30.00	28.96	43.1	39.4	49.8	50.1	40.1	37.0	44.1	44.4	55.2	36.8	46.0	75	26	36	34	38	38	38	78	80	65	66	72
Year	29.54	30.02	30.19	28.96	56.5	52.5	64.7	65.3	51.8	49.0	54.6	55.0	70.0	50.1	60.1	101	−2	47	46	47	47	47	73	77	54	54	64

[1] Pressure at airport adjusted to the old (city) station elevation of 431 feet.
[2] Airport data beginning with September.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

ESCANABA, MICH.

[H=594 ft.; H_b=612 ft.; H_t= 51 ft.; H_r=44 ft.; H_a= 72ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	1.19	0.63	18.1	7.1	10.7	NW.	34	N.	2	6	8	17	9	7	26	9	0	1	1	1	1	31	0	0	31	5	0
February	1.23	.49	19.3	7.2	10.0	N.	38	N	1	5	6	18	8	5	19	8	0	3	1	0	0	19	0	0	29	2	0
March	.66	.31	5.4	6.4	11.7	N.	28	NW.	0	7	11	13	8	3	19	6	0	1	1	1	1	15	0	0	30	0	0
April	1.71	.69	4.5	6.1	10.5	N.	28	NW.	0	8	7	15	11	6	9	7	1	5	2	2	0	1	0	0	21	0	1
May	3.61	1.30	.4	7.0	11.7	N.	34	N.	2	6	10	15	16	11	3	2	0	7	3	3	2	0	0	0	2	0	3
June	4.88	1.71	.0	6.6	10.9	S.	35	N.	1	4	12	14	14	9	0	0	1	6	3	3	1	0	0	0	0	0	8
July	4.58	1.10	.0	5.4	8.6	S.	34	NW	1	10	9	12	12	10	0	0	0	6	3	3	2	0	0	0	0	0	8
August	3.01	.82	.0	7.0	9.5	S.	29	N.	0	4	11	16	14	10	0	0	0	9	1	1	1	0	0	0	0	0	6
September	1.77	.71	.0	6.6	9.8	S.	35	N.	1	6	12	12	9	8	0	0	0	14	6	4	3	0	0	0	0	0	3
October	3.33	1.08	.0	7.0	10.1	S.	25	S.	0	4	10	17	12	9	0	0	1	9	2	2	2	0	0	0	1	0	3
November	3.01	.68	6.4	8.7	11.6	NW.	43	S.	2	2	4	24	16	11	16	9	0	4	2	1	1	10	0	0	19	0	1
December	1.39	.93	10.8	8.0	10.2	NW.	32	N.	1	4	4	23	9	7	17	7	0	6	3	3	3	13	0	0	30	2	0
Year	30.37	1.71	64.9	6.9	10.4	NW.	43	S.	11	66	104	196	138	96	109	48	3	71	28	24	17	89	0	0	163	9	33

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	4.37	1.58	0.0	7.8	7.7	SE.	30	SW.	0	5	3	23	16	15	0	0	1	2	0	0	0	0	0	0	1	0	2
February	9.62	2.17	.0	8.6	8.4	SE.	31	SW.	0	2	4	23	19	16	0	0	2	0	0	0	1	0	0	0	0	0	0
March	7.70	2.16	T	6.9	7.8	SE.	31	SW.	0	7	6	18	17	16	1	0	2	3	3	3	2	0	0	0	0	0	1
April	.81	.18	.0	7.7	8.2	N.	33	N.	1	2	7	21	10	8	0	0	0	4	1	1	2	0	0	0	0	0	0
May	2.54	1.13	.0	6.9	8.4	N.	30	SW.	0	5	11	15	10	6	0	0	0	2	0	0	0	0	0	0	0	0	0
June	.32	.87	.0	6.3	7.6	N.	25	N.	0	8	7	15	1	1	0	0	0	8	5	4	2	0	0	0	0	0	0
July	.00	.00	.0	6.5	6.6	N.	19	SW.	0	4	14	13	0	0	0	0	0	6	2	3	1	0	0	0	0	0	0
August	.00	.00	.0	6.0	6.0	NW.	20	NW.	0	6	12	13	0	0	0	0	0	12	8	4	7	0	0	0	0	0	0
September	.91	.41	.0	6.3	5.7	SW.	26	N.	0	5	9	16	5	5	0	0	0	12	11	6	6	0	0	0	0	0	0
October	4.03	1.87	.0	6.8	5.8	SE.	25	SW.	0	4	14	13	11	8	0	0	0	9	8	8	8	0	0	0	0	0	1
November	2.29	.95	.0	6.9	5.8	SE.	29	SE.	0	7	3	20	11	6	0	0	0	6	3	4	5	0	0	0	0	0	0
December	8.87	2.51	.0	7.0	7.2	SE.	34	S.	1	5	6	20	15	13	0	0	0	10	10	7	10	0	0	0	1	0	1
Year	41.46	2.51	T	7.0	7.1	N.	34	S.	2	60	96	210	115	94	1	0	5	74	51	40	44	0	0	0	2	0	5

EVANSVILLE, IND.

Airport [H=384 ft.; H_b=388 ft.; H_t=11 ft.; H_r=3 ft.; H_a=40 ft.] City [H=387 ft.; H_b=431 ft.; H_t=76 ft.; H_r=74 ft.; H_a=116 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	(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	2.36	1.09	13.6	6.4	9.0	W.	35	SW.	1	8	8	15	14	10	14	11	0	6	4	4	3	22	0	0	30	5	1
February	3.91	1.26	1.8	8.4	9.6	N.	28	SW.	0	3	4	22	14	11	9	4	0	12	6	3	2	0	0	0	17	0	0
March	1.75	.85	.1	7.3	10.2	N.	38	S.	1	5	8	18	9	8	8	1	1	6	1	1	1	1	0	0	11	0	3
April	6.37	1.71	T	6.8	11.2	S.	56	SW.	5	5	8	17	13	9	2	1	0	2	0	0	0	0	0	0	3	0	4
May	2.49	1.03	.0	6.2	9.5	SW.	34	SW.	2	7	13	11	12	10	0	0	0	2	0	0	0	0	0	0	0	0	2
June	2.70	.92	.0	5.6	8.3	SW.	51	SW.	1	9	13	8	9	8	0	0	0	0	0	0	0	0	4	0	0	0	7
July	2.07	.90	.0	4.2	7.2	SW.	31	N.	0	14	11	6	6	4	0	0	0	2	0	0	0	0	16	8	0	0	4
August	1.66	.67	.0	5.6	6.6	S.	26	N.	0	5	17	9	9	5	0	0	0	0	0	0	0	0	17	5	0	0	8
September	.91	.85	.0	2.8	6.0	N.	27	NE.	0	21	6	3	3	2	0	0	0	3	0	0	0	0	5	2	0	0	2
October	1.47	.75	.0	3.4	6.4	SW.	26	N.	0	18	9	4	8	6	0	0	0	6	0	0	0	0	0	0	0	0	2
November	4.76	1.24	T	6.3	9.5	NW.	47	SW.	1	8	8	14	8	7	1	0	0	10	2	2	1	2	0	0	12	0	0
December	2.32	.90	.0	7.5	8.9	NW.	28	W.	0	3	11	17	12	8	0	0	0	18	7	6	4	1	0	0	15	0	0
Year	32.77	1.71	15.5	5.9	8.5	SW.	56	SW.	11	106	116	144	117	88	34	17	1	67	20	16	11	26	42	15	88	5	33

FORT SMITH, ARK.

[H=449 ft.; H_b=464 ft.; H_t=58 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.07	0.71	9.4	5.4	8.5	E.	34	W.	1	11	8	12	8	5	7	5	0	1	1	0	1	14	0	0	29	2	0
February	1.93	.91	1.5	7.1	9.6	E.	25	SW.	0	6	6	17	9	7	5	1	0	1	0	0	0	0	0	0	14	0	0
March	1.20	.45	.0	5.6	9.9	E.	26	SW.	0	9	12	10	6	4	0	0	1	1	1	0	0	0	0	0	5	0	2
April	5.85	1.63	.0	5.7	10.0	E.	33	W.	1	8	11	11	11	7	0	0	2	0	0	0	0	0	1	0	1	0	8
May	2.70	1.48	.0	4.4	7.7	E.	26	SW.	0	16	7	8	9	7	0	0	0	0	0	0	0	0	1	0	0	0	4
June	4.01	1.39	.0	5.8	7.4	E.	26	NW.	0	6	16	8	10	9	0	0	0	0	0	0	0	0	10	1	0	0	8
July	2.54	.92	.0	5.5	6.3	E.	21	S.	0	6	18	7	10	7	0	0	0	0	0	0	0	0	18	11	0	0	7
August	5.26	2.62	.0	5.4	6.3	E.	26	S.	0	8	15	8	9	6	0	0	0	0	0	0	0	0	15	6	0	0	8
September	2.82	2.00	.0	4.7	5.6	E.	26	W.	0	16	5	9	5	5	0	0	0	1	0	0	0	0	9	1	0	0	3
October	2.16	1.20	.0	3.2	6.0	E.	22	W.	0	20	5	6	6	5	0	0	0	1	1	1	0	0	0	0	0	0	2
November	4.64	1.38	.0	5.1	7.7	E.	35	W.	1	12	6	12	9	6	0	0	0	1	0	0	0	0	0	0	8	0	2
December	3.44	1.12	.0	5.8	7.3	E.	23	W.	0	13	4	14	11	8	0	0	0	4	2	0	1	0	0	0	5	0	1
Year	37.63	2.62	10.9	5.3	7.7	E.	35	W.	3	131	113	122	103	76	12	6	3	10	5	1	2	14	54	19	62	2	45

[1] Airport data beginning with September.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

FORT WAYNE, IND.

Airport [ϕ=41°10′ N.; λ=85°08′ W.] City [ϕ=41°05′ N.; λ=85°10′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In. (1 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	29.13	30.11	29.57	28.16	12.0	11.1	18.4	15.4	11.4	10.6	16.9	14.6	21.2	8.1	14.6	46	−14	9	9	13	12	11	88	90	77	85	85
February	29.08	30.04	29.56	28.61	26.1	24.5	30.9	29.7	25.0	23.6	28.7	28.0	33.5	23.6	28.6	41	6	23	22	25	25	24	87	89	77	81	84
March	29.05	30.00	29.51	28.69	28.0	27.0	35.2	32.5	26.7	25.8	31.2	29.6	38.5	25.5	32.0	67	11	24	24	25	25	24	86	86	66	73	78
April	29.06	29.99	29.51	28.61	39.7	38.0	50.0	47.9	36.4	35.2	42.4	41.2	54.8	36.1	45.4	78	18	32	31	33	33	32	74	78	55	59	66
May	28.97	29.89	29.31	28.41	51.0	51.3	62.4	59.5	48.2	48.3	53.2	52.1	65.7	48.0	56.8	84	32	46	46	46	46	46	84	82	57	64	72
June	29.02	29.92	29.37	28.55	63.3	64.8	77.0	73.5	60.6	61.8	66.3	65.4	80.3	61.5	70.9	90	49	59	60	60	61	60	86	85	58	66	74
July	29.17	30.07	29.43	28.80	66.5	66.9	82.6	80.3	62.2	63.0	67.9	68.1	85.7	64.3	75.0	98	51	60	61	60	61	60	79	81	47	54	65
August	29.13	30.04	29.39	28.87	66.2	64.5	79.9	75.6	62.7	61.8	67.1	65.5	82.8	63.4	73.1	94	50	61	61	60	60	60	82	88	53	60	71
September	29.19	30.10	29.51	28.73	55.4	52.9	72.1	66.8	52.5	51.3	59.2	57.2	74.3	53.3	63.8	92	38	50	50	50	51	50	84	91	49	60	71
October	29.16	30.09	29.41	28.80	48.3	45.1	63.9	56.1	45.4	43.2	52.8	50.0	65.8	45.7	55.8	83	35	42	41	43	44	43	81	87	49	66	71
November	29.18	30.13	29.53	28.38	34.5	32.7	42.8	37.4	32.3	31.3	37.8	34.4	45.9	30.8	38.4	67	12	29	29	31	30	30	81	85	65	76	77
December	29.16	30.11	29.67	28.53	32.2	30.6	36.5	34.0	30.8	29.5	33.5	31.9	40.2	28.2	34.2	57	7	29	28	29	29	28	86	88	75	80	82
Year	29.11	30.04	29.67	28.16	43.6	42.4	54.3	50.6	41.2	40.4	46.4	44.8	57.4	40.7	49.0	98	−14	39	38	40	40	39	83	86	61	69	75

FORT WORTH, TEX.

Airport [ϕ=32°49′ N.; λ=97°21′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
	(1)		(1)	(1)																							
January	29.51	30.26	30.00	28.72	30.9	27.0	38.3	38.9	27.8	25.1	32.6	32.9	45.3	24.5	34.9	74	6	22	21	24	23	22	67	76	56	54	63
February	29.28	30.01	29.72	28.91	44.5	41.0	51.8	54.0	40.3	38.6	44.6	46.0	57.9	37.6	47.8	86	26	35	35	36	38	36	72	81	60	59	68
March	29.22	29.94	29.76	28.89	55.2	49.4	65.2	68.9	47.9	45.1	53.1	54.0	73.3	46.8	60.0	94	31	40	40	42	40	41	59	72	45	37	53
April	29.20	29.91	29.99	28.78	60.4	55.0	69.8	70.9	54.9	51.4	58.4	59.3	76.1	52.2	64.2	94	31	51	48	50	51	50	72	78	53	53	64
May	29.23	29.94	29.49	28.95	67.3	62.9	77.1	78.1	60.9	59.2	64.7	65.1	82.4	60.9	71.6	92	52	57	57	57	58	57	70	81	53	52	64
June	29.22	29.92	29.43	29.03	71.9	69.1	81.6	79.8	67.0	66.8	70.2	69.1	86.2	67.4	76.8	94	59	64	66	65	64	65	79	89	59	62	72
July	29.29	29.99	29.47	29.11	77.9	72.8	87.0	88.3	71.4	70.0	73.6	74.0	91.5	71.7	81.6	98	60	69	69	68	68	68	74	87	54	52	67
August	29.24	29.94	29.51	28.98	76.7	71.8	88.1	88.4	69.6	68.2	73.0	71.8	93.0	70.4	81.7	103	58	66	66	66	64	66	71	84	50	46	63
September	29.32	30.02	29.59	29.08	71.8	66.4	83.4	82.9	62.7	61.2	66.7	65.5	88.0	65.1	76.6	100	47	57	58	57	55	57	61	75	42	40	54
October	29.34	30.05	29.65	29.05	65.0	59.6	79.0	76.1	56.8	54.8	63.5	61.1	83.5	57.4	70.4	93	43	50	51	53	50	51	60	74	44	43	55
November	29.42	30.14	29.94	28.86	49.7	45.8	57.9	56.5	46.6	44.2	50.4	50.3	63.3	42.9	53.1	77	20	43	42	43	44	43	79	87	60	66	73
December	29.35	30.08	29.77	28.62	45.2	41.9	53.3	51.8	42.8	40.6	47.3	47.2	58.4	39.4	48.9	73	28	40	39	42	42	41	83	90	68	73	78
Year	29.30	30.02	30.00	28.62	59.7	55.2	69.4	69.6	54.1	52.1	58.2	58.0	74.9	53.0	64.0	103	6	50	49	50	50	50	71	81	54	53	64

FRESNO, CALIF.

[ϕ=36°43′ 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)		(1)	(1)																							
January	29.73	30.09	29.96	29.46	48.2	45.5	49.6	53.4	46.6	44.6	47.5	50.0	55.4	42.2	48.8	70	29	45	44	46	47	45	89	94	86	80	87
February	29.73	30.09	30.02	29.39	51.2	46.8	54.8	59.9	48.7	45.3	50.5	52.5	61.8	43.7	52.8	70	34	46	44	47	46	46	84	90	75	61	78
March	29.68	30.04	30.05	29.27	54.7	48.5	61.2	68.2	50.8	47.0	53.9	55.8	70.1	45.2	57.6	80	34	47	45	48	45	46	77	90	63	45	69
April	29.64	30.00	29.84	29.27	58.6	51.8	67.5	75.5	52.1	49.2	56.2	57.8	76.8	49.4	63.1	92	44	48	47	47	43	46	70	83	49	33	59
May	29.55	29.89	29.80	29.25	67.9	58.1	76.4	87.4	57.0	52.6	60.5	62.6	88.5	55.9	72.2	99	47	48	48	49	44	47	50	70	39	23	45
June	29.48	29.82	29.69	29.28	76.0	65.1	83.8	96.9	61.8	57.0	65.1	66.6	97.7	63.1	80.4	107	56	52	51	54	45	51	44	61	36	19	40
July	29.55	29.89	29.72	29.37	76.3	65.3	84.3	96.9	62.1	56.7	64.8	66.8	97.6	63.2	80.4	107	56	52	50	52	46	50	45	59	34	19	39
August	29.52	29.86	29.71	29.35	75.1	64.9	83.9	97.4	62.0	57.2	65.5	67.0	98.1	62.3	80.2	110	55	53	52	54	46	51	48	63	37	18	42
September	29.54	29.89	29.71	29.40	67.4	59.1	75.4	84.2	58.0	54.5	61.0	62.8	86.1	56.5	71.3	94	46	51	51	51	48	50	56	74	43	29	51
October	29.64	29.99	29.85	29.34	61.0	54.2	70.3	76.9	53.8	50.4	57.9	59.3	79.3	50.9	65.1	91	41	48	47	48	46	47	63	78	48	36	56
November	29.76	30.12	29.97	29.57	48.5	42.9	56.5	62.4	44.4	40.7	48.9	51.0	64.6	38.9	51.8	73	30	40	38	41	40	40	72	84	57	44	65
December	29.63	29.99	29.95	29.09	48.4	44.7	53.2	58.5	45.6	42.4	48.3	51.1	61.0	40.9	51.0	68	23	42	40	43	44	42	80	83	70	60	73
Year	29.62	29.97	30.05	29.09	61.1	53.9	68.1	76.5	53.7	49.8	56.7	58.6	78.1	51.0	64.6	110	23	48	46	48	45	47	65	77	53	39	59

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	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	30.15	30.21	30.56	29.55	42.8	41.0	46.8	45.0	39.7	38.3	42.2	41.4	50.6	38.1	44.4	66	15	35	34	36	36	36	75	76	68	72	73
February	29.96	30.02	30.44	29.51	50.0	48.7	55.6	52.5	48.0	46.9	50.8	49.2	58.3	47.7	53.0	70	34	46	45	46	46	46	86	87	72	79	81
March	29.92	29.98	30.43	29.70	57.3	55.7	64.6	60.6	55.0	53.5	58.4	56.4	66.4	55.6	61.0	77	42	53	51	53	53	52	86	86	69	78	80
April	29.88	29.94	30.43	29.47	64.0	62.5	69.7	66.7	61.4	60.2	64.0	62.8	71.7	61.2	66.4	80	43	59	59	60	60	60	85	87	74	80	82
May	29.90	29.96	30.11	29.69	70.6	70.2	77.5	75.1	67.3	67.1	69.7	68.6	78.2	69.3	73.8	82	62	66	65	66	65	65	84	86	68	72	78
June	29.87	29.92	30.06	29.96	77.2	77.4	83.9	81.5	73.1	73.1	75.1	74.3	84.3	76.3	80.3	88	71	71	71	72	71	71	82	82	67	71	76
July	29.96	30.02	30.08	29.79	80.2	79.4	86.9	83.8	75.6	75.4	77.5	76.6	87.1	78.8	83.0	90	71	74	74	74	74	74	81	83	66	72	76
August	29.87	29.93	30.09	29.44	79.7	78.4	85.9	83.4	74.9	74.5	76.9	76.2	86.5	77.6	82.0	91	70	73	73	73	73	73	80	84	67	72	76
September	29.92	29.98	30.12	29.64	75.5	73.1	82.7	78.5	69.8	68.8	71.7	70.1	82.5	72.9	77.7	92	56	67	66	66	66	66	76	80	59	66	70
October	30.00	30.06	30.27	29.66	70.3	68.3	78.0	72.3	66.0	65.2	68.8	66.8	77.5	68.5	73.0	82	59	64	63	64	64	64	80	85	63	76	76
November	30.06	30.12	30.55	29.68	61.6	59.4	66.0	62.8	58.0	56.5	59.9	58.7	67.5	58.4	63.0	78	37	55	54	55	55	55	80	83	70	77	77
December	29.97	30.03	30.40	29.17	57.5	56.1	62.6	59.4	55.2	54.2	58.3	56.5	63.6	54.4	59.0	71	40	53	52	55	54	54	86	88	77	83	84
Year	29.96	30.01	30.56	29.17	65.6	64.2	71.7	68.5	62.0	61.1	64.4	63.1	72.8	63.2	68.0	92	15	60	59	60	60	60	82	84	68	75	77

[1] Pressure 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.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

FORT WAYNE, IND.

Airport [H=827 ft.; City H_b=828 ft.; H_t=3 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	1.86	0.85	10.6	7.2	10.5	W.	41	SW.	1	6	7	18	15	8	25	14	0	8	1	1	1	27	0	0	31	9	0
February	1.41	.40	11.2	8.2	9.2	NW.	25	W.	0	4	3	22	12	9	19	8	0	15	4	1	1	10	0	0	27	0	0
March	2.53	1.19	1.4	7.8	10.0	N.W	32	W.	1	3	7	21	13	7	14	5	0	14	6	5	2	6	0	0	25	0	1
April	4.47	1.41	3.1	7.3	10.3	NE.	28	W.	0	5	5	20	14	12	3	2	0	4	1	0	0	1	0	0	5	0	3
May	3.18	.57	.5	7.5	9.7	SW.	28	SE.	0	2	13	16	16	15	2	1	0	6	0	0	0	0	0	0	1	0	6
June	4.07	1.70	.0	6.4	8.6	SW.	27	SW.	0	6	12	12	13	12	0	0	0	3	2	1	0	0	0	0	0	0	9
July	.86	.67	.0	4.2	7.5	SW.	30	NW.	0	15	13	3	5	3	0	0	0	0	0	0	0	0	13	4	0	0	7
August	2.17	.72	.0	6.1	7.4	E.	27	W.	0	5	14	12	10	8	0	0	1	9	2	1	0	0	7	0	0	0	1
September	.70	.56	.0	5.1	6.8	NW.	25	NW.	0	11	9	10	3	3	0	0	0	17	3	1	1	0	3	0	0	0	2
October	3.31	1.52	.0	5.3	7.5	E.	27	SW.	0	11	9	11	8	6	0	0	0	8	1	0	0	0	0	0	0	0	4
November	2.37	.73	3.8	6.9	10.7	W.	53	SW.	1	6	7	17	12	9	8	4	0	12	0	0	0	5	0	0	18	0	0
December	2.18	.78	2.1	8.5	9.3	W.	27	W.	0	2	5	24	10	9	11	4	0	15	3	2	0	4	0	0	22	0	0
Year	28.91	1.70	32.7	6.7	8.9	W.	53	SW.	3	76	104	186	131	101	82	38	1	111	23	12	5	53	23	4	129	9	33

FORT WORTH, TEX.

Airport [H=688 ft.; H_b=706 ft.; H_t=5 ft.; H_r=31 ft.; H_a=56 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.59	0.41	4.00	3.9	11.3	NW.	45	W.	2	16	9	6	3	3	5	1	0	4	0	0	0	8	0	0	26	0	1
February	2.00	1.04	T	5.2	14.2	NW.	35	N.	8	12	5	12	7	6	1	0	0	9	3	3	2	0	0	0	8	0	2
March	.40	.25	.0	4.9	14.4	S.	44	NW.	6	11	12	8	4	3	0	0	1	5	1	2	2	0	1	0	2	0	3
April	5.97	3.33	.0	5.3	14.5	S.	49	NE.	9	10	9	11	6	5	0	0	2	3	0	0	0	0	4	0	1	0	6
May	7.15	2.32	.0	6.1	11.9	S.	35	W.	4	8	10	13	7	6	0	0	0	2	0	0	0	0	5	0	0	0	7
June	7.30	1.45	.0	6.9	9.8	S.	31	N.	0	6	6	18	17	14	0	0	1	6	1	0	0	0	8	0	0	0	11
July	2.86	1.64	.0	3.9	9.9	S.	38	NE.	2	14	11	6	4	3	0	0	0	2	1	1	1	0	12	11	0	0	4
August	2.16	1.57	.0	4.3	9.6	SE.	35	NW.	1	16	7	8	5	4	0	0	0	0	0	0	0	0	23	15	0	0	5
September	.68	.57	.0	3.6	9.1	SE.	27	NW.	0	16	8	6	2	2	0	0	0	2	1	1	0	0	15	8	0	0	1
October	1.47	1.36	.0	4.2	10.1	S.	39	W.	2	14	11	6	5	3	0	0	0	2	0	0	0	0	2	0	0	0	4
November	6.35	1.70	T	6.3	11.4	S.	44	W.	4	11	3	16	10	9	2	0	0	9	3	3	2	0	0	0	4	0	4
December	4.72	1.36	.0	5.9	10.6	N.	44	N.	2	11	6	14	10	7	0	0	0	10	3	2	2	0	0	0	4	0	0
Year	41.65	3.33	4.00	5.0	11.4	S.	49	NE.	40	145	97	124	80	65	8	1	4	54	13	12	9	8	80	34	45	0	48

FRESNO, CALIF.

Airport [H=278 ft.; H_b=282 ft.; H_t=5 ft.; H_r=4 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	5.89	2.44	0.0	8.2	5.2	SE.	25	NW.	0	3	5	23	15	10	0	0	0	17	9	9	8	0	0	0	2	0	0
February	3.22	.78	.0	7.4	5.8	SE.	19	NW.	0	4	8	17	12	10	0	0	0	8	4	5	6	0	0	0	0	0	0
March	.92	.43	.0	5.8	6.0	NW.	21	NW.	0	10	8	13	8	6	0	0	0	4	4	3	2	0	0	0	0	0	0
April	.16	.16	.0	5.8	7.7	NW.	25	NW.	0	6	14	10	2	1	0	0	0	2	2	0	1	0	2	0	0	0	0
May	T	T	.0	3.4	8.3	NW.	26	NW.	0	18	9	4	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0
June	T	T	.0	1.2	7.5	NW.	22	NW.	0	25	4	1	0	0	0	0	0	0	0	0	0	0	26	21	0	0	0
July	.0	.0	.0	1.5	7.5	NW.	20	NW.	0	24	6	1	0	0	0	0	0	0	0	0	0	0	27	22	0	0	0
August	.0	.0	.0	1.0	6.5	NW.	15	NW.	0	28	1	2	0	0	0	0	0	0	0	0	0	0	30	22	0	0	0
September	.0	.0	.0	2.3	6.8	NW.	26	NW.	0	22	5	3	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0
October	.55	.35	.0	3.9	4.5	NW.	20	NW.	0	17	6	8	3	2	0	0	0	1	1	1	1	0	4	0	0	0	0
November	.06	.02	.0	6.2	3.9	NW.	24	NW.	0	7	12	11	3	0	0	0	0	6	2	2	1	0	0	0	5	0	1
December	5.24	1.44	.0	5.8	4.3	SE.	20	SE.	0	11	4	16	10	10	0	0	0	10	5	5	5	0	0	0	4	0	1
Year	16.03	2.44	.0	4.4	6.2	NW.	26	NW.	0	175	82	109	53	39	0	0	0	48	27	25	24	0	112	71	11	0	2

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.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.59	0.61	0.9	5.7	10.8	N.	32	N.	1	7	13	11	7	5	1	1	0	4	5	4	4	1	0	0	11	0	2
February	3.02	1.90	.0	6.2	12.5	S.	31	NW.	0	7	8	14	10	5	0	0	0	8	7	7	8	0	0	0	0	0	2
March	1.20	1.14	.0	5.5	10.6	S.	37	NW.	1	9	11	11	4	2	0	0	0	12	10	9	8	0	0	0	0	0	1
April	2.43	.87	.0	6.0	12.1	S.	39	SE.	2	9	8	15	7	6	0	0	0	4	3	2	2	0	0	0	0	0	4
May	.83	.41	.0	4.6	11.1	S.	28	NW.	0	12	12	7	7	5	0	0	0	0	0	0	0	0	0	0	0	0	5
June	2.42	1.13	.0	4.5	9.9	S.	28	S.	0	13	13	4	9	5	0	0	0	0	0	0	0	0	0	0	0	0	5
July	1.53	.49	.0	4.6	9.8	S.	25	SW.	0	13	14	4	7	6	0	0	0	0	0	0	0	0	0	0	0	0	10
August	1.95	.80	.0	4.4	10.5	S.	34	NW.	1	15	11	5	7	6	0	0	0	0	0	0	0	0	2	0	0	0	10
September	6.87	5.52	.0	3.1	9.3	E.	25	N.	0	18	9	3	5	4	0	0	0	0	0	0	0	0	2	0	0	0	3
October	2.97	1.25	.0	4.4	9.6	SE.	33	W.	2	13	12	6	8	6	0	0	0	0	0	0	0	0	0	0	0	0	3
November	16.18	9.01	.0	6.2	11.1	N.	37	NW.	1	6	9	15	9	7	0	0	0	6	4	1	1	0	0	0	0	0	2
December	8.08	3.90	.0	6.2	9.7	N.	33	NW.	1	9	5	17	14	12	0	0	0	9	3	1	1	0	0	0	0	0	4
Year	49.07	9.01	.9	5.1	10.6	S.	39	SE.	9	131	123	112	94	69	1	1	0	43	32	24	24	1	4	0	11	0	51

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

GRAND JUNCTION, COLO.

[ϕ=39°4′ 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.	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	25.45	30.12	25.81	24.93	26.4	24.0	29.9	33.3	25.1	22.9	27.0	29.5	36.3	20.8	28.6	49	3	23	21	22	23	22	84	86	71	66	77
February	25.36	29.98	25.68	24.95	35.2	32.2	39.3	43.9	32.1	29.7	33.6	35.7	46.5	29.3	37.9	66	19	28	26	26	24	26	74	77	58	47	64
March	25.31	29.88	25.71	24.83	43.6	38.5	52.5	56.8	35.1	32.6	39.8	41.3	60.1	34.5	47.3	75	19	24	25	24	22	24	46	58	34	28	42
April	25.30	29.86	25.80	24.88	50.9	45.6	58.0	62.3	41.2	38.5	44.6	46.3	65.9	42.8	54.4	80	33	30	30	30	30	30	48	57	39	33	44
May	25.33	29.86	25.68	25.06	63.3	55.0	74.3	80.0	48.4	44.8	52.4	53.3	81.5	53.4	67.4	89	42	34	35	33	27	32	36	48	23	16	31
June	25.33	29.82	25.57	25.10	72.6	64.0	83.0	88.6	53.0	49.6	56.3	57.4	90.9	62.4	76.6	102	49	37	36	35	32	35	28	38	19	15	25
July	25.40	29.89	25.56	25.08	76.9	68.6	86.9	91.4	58.1	55.2	61.5	61.4	94.3	67.2	80.8	103	60	45	46	45	40	41	36	47	26	20	32
August	25.41	29.91	25.63	25.14	72.0	65.3	83.0	87.8	55.9	52.9	59.4	60.2	91.5	63.6	77.6	100	52	44	43	43	40	43	40	48	27	23	34
September	25.42	29.96	25.64	25.22	63.4	59.7	72.9	73.9	55.1	53.0	58.4	58.7	78.8	57.0	67.9	95	48	49	48	49	49	49	64	68	46	46	56
October	25.45	30.02	25.76	25.11	50.0	46.5	60.2	64.3	44.5	41.4	47.8	49.7	68.3	43.8	56.0	78	34	40	36	36	37	37	69	69	44	39	55
November	25.46	30.10	25.88	25.01	34.7	31.0	42.0	43.5	31.6	28.8	34.6	36.0	48.0	27.9	38.0	63	17	27	26	25	26	26	73	79	50	51	63
December	25.46	30.12	25.85	24.87	29.0	26.3	34.3	35.8	27.1	24.9	30.0	31.5	39.4	22.6	31.0	54	−3	25	23	24	26	24	82	85	66	68	75
Year	25.39	29.96	25.88	24.83	51.5	46.4	59.7	63.5	42.2	39.5	45.4	46.8	66.8	43.8	55.3	103	−3	34	33	33	31	33	57	63	42	38	50

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.	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)	(2)	(2)
January	29.24	30.04	29.71	28.14	16.6	15.3	21.2	18.5	16.0	14.8	19.9	17.8	24.8	15.3	20.0	42	−4	15	13	17	16	15	92	92	82	89	88
February	29.25	30.05	29.71	28.70	23.4	22.0	29.7	26.8	22.1	21.2	27.1	25.2	33.0	21.2	27.1	40	8	19	19	22	22	21	83	88	73	81	81
March	29.20	30.00	29.66	28.78	24.0	22.7	31.1	29.1	22.8	21.8	28.1	26.8	34.4	23.3	28.8	63	8	20	20	23	23	21	85	88	70	76	80
April	29.22	29.99	29.70	28.74	37.1	35.7	49.3	46.0	33.9	33.2	40.6	39.5	53.5	35.1	44.3	71	21	29	30	29	31	30	74	78	48	58	64
May	29.10	29.86	29.48	28.46	49.0	49.3	60.4	57.5	46.8	47.0	52.0	50.9	64.9	46.6	55.8	86	31	44	45	45	45	45	86	85	60	67	74
June	29.13	29.88	29.53	28.61	61.3	61.5	73.1	71.4	58.4	58.4	63.4	62.9	77.5	58.8	68.2	90	46	56	56	57	58	57	85	84	60	64	73
July	29.30	30.05	29.59	28.88	65.0	67.2	81.4	79.0	61.3	62.5	67.2	66.5	84.8	63.6	74.2	99	48	59	60	59	60	59	82	77	49	52	65
August	29.28	30.03	29.55	28.99	63.7	62.8	75.0	72.3	61.1	61.0	65.8	64.5	79.4	61.7	70.6	93	48	59	60	60	60	60	87	90	64	67	77
September	29.33	30.09	29.72	28.87	54.2	52.7	69.4	62.4	52.4	51.5	59.7	57.3	72.8	53.5	63.2	88	38	51	50	53	54	52	89	92	58	74	78
October	29.31	30.08	29.59	29.00	45.5	42.8	59.7	51.9	43.2	41.5	51.0	47.6	62.1	43.8	53.0	78	34	41	40	44	44	42	85	91	57	74	76
November	29.30	30.08	29.68	28.35	35.1	33.6	40.3	36.4	33.0	32.0	36.4	33.9	43.7	31.8	37.8	64	18	30	30	31	30	30	81	85	70	78	79
December	29.30	30.09	29.86	28.71	29.2	28.4	32.4	30.6	28.0	27.4	30.4	28.9	36.5	27.3	31.9	51	8	26	26	27	26	26	86	88	80	83	84
Year	29.25	30.02	29.86	28.14	42.0	41.2	51.9	48.5	39.9	39.4	45.1	43.5	55.6	40.2	47.9	99	−4	37	37	39	39	38	85	86	64	72	77

GREEN BAY, WIS.

[ϕ=44°21′ 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.	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	29.36	30.07	29.76	28.28	12.5	12.0	17.7	16.1	11.3	10.8	15.1	14.4	20.8	6.9	13.8	33	−18	7	6	7	8	7	76	73	63	68	70
February	29.38	30.08	29.91	28.68	21.6	20.3	26.0	25.8	19.9	18.7	23.5	23.4	29.6	15.9	22.8	37	−9	16	15	18	18	17	76	77	70	71	73
March	29.33	30.03	29.89	28.74	23.5	21.7	28.6	29.3	21.6	20.2	24.9	25.7	32.5	18.8	25.6	58	5	17	16	16	18	17	74	77	60	62	68
April	29.34	30.02	29.79	28.82	38.2	35.7	43.7	44.4	34.2	32.6	37.4	38.1	48.9	32.9	40.9	67	20	29	28	29	29	29	68	73	58	57	64
May	29.21	29.88	29.63	28.67	49.0	47.6	57.1	57.0	45.5	44.3	49.7	49.7	61.4	44.0	52.7	81	29	42	41	43	43	42	78	78	62	63	70
June	29.21	29.87	29.61	28.64	61.0	59.0	69.2	70.0	57.1	55.5	59.7	60.9	73.4	55.3	64.4	88	45	54	53	53	55	54	80	81	60	61	70
July	29.38	30.05	29.68	28.98	67.3	66.4	76.7	76.8	62.5	61.7	65.6	66.4	81.1	62.1	71.6	96	48	60	58	59	60	59	77	77	56	58	67
August	29.38	30.04	29.68	29.13	64.5	62.8	72.4	70.8	61.4	59.9	63.5	64.2	75.4	60.1	67.8	89	42	60	58	58	60	59	84	85	63	71	76
September	29.42	30.09	29.83	29.00	58.8	55.5	67.4	65.3	55.9	53.1	58.2	59.4	70.8	53.2	62.0	85	37	54	51	52	55	53	84	86	58	71	75
October	29.39	30.06	29.68	29.07	49.8	46.2	56.2	53.3	46.6	43.7	48.5	47.9	58.7	44.5	51.6	76	34	43	41	41	42	42	79	82	58	68	72
November	29.37	30.06	29.81	28.15	32.8	31.1	36.6	34.6	30.4	29.0	33.1	31.9	39.4	26.9	33.2	57	10	26	25	28	28	27	76	78	70	74	75
December	29.39	30.09	30.00	28.76	24.3	24.3	26.8	25.7	23.0	23.0	24.8	24.3	30.0	18.6	24.3	43	−13	20	20	20	21	20	83	84	75	82	81
Year	29.35	30.03	30.00	28.15	41.9	40.2	48.2	47.4	39.1	27.7	42.0	42.2	51.8	36.6	44.2	96	−18	36	34	35	36	36	78	79	63	67	72

GREENSBORO, N. C.

Airport [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.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.14	30.12	29.54	28.70	23.0	20.6	34.0	28.4	21.2	19.3	29.2	25.3	36.9	17.2	27.0	53	−7	17	16	20	18	18	77	82	55	65	70
February	29.03	30.00	29.41	28.34	36.1	32.4	46.4	41.7	33.7	30.7	39.3	37.5	50.3	28.9	39.6	65	10	30	28	29	31	29	77	82	53	67	70
March	29.03	29.99	29.48	28.52	39.1	36.6	51.8	48.0	36.2	34.5	43.0	41.3	55.7	33.2	44.4	74	14	32	31	32	33	32	76	80	51	59	67
April	29.04	29.98	29.45	28.48	50.3	49.2	64.4	59.0	46.4	45.3	52.3	50.7	67.6	43.5	55.6	82	25	42	41	40	43	42	75	74	45	57	63
May	29.00	29.92	29.32	28.61	58.0	59.1	74.3	67.9	54.6	55.1	60.2	58.9	78.0	52.3	65.2	94	34	52	52	50	52	52	82	77	46	60	66
June	29.07	29.99	29.32	28.72	68.2	70.0	83.0	77.4	65.5	66.1	69.6	69.4	85.7	63.7	74.7	93	54	64	64	63	66	64	87	82	52	68	72
July	29.17	30.10	29.41	28.97	69.2	70.1	82.5	77.2	66.9	67.4	71.2	70.7	85.3	65.4	75.4	99	54	66	66	66	68	66	89	90	59	74	78
August	29.13	30.05	29.34	28.82	69.7	69.7	80.7	74.7	68.0	68.0	72.1	70.7	83.5	66.9	75.2	91	60	67	67	68	69	68	92	92	67	83	84
September	29.14	30.08	29.38	28.70	60.8	59.6	77.5	68.1	58.3	57.5	64.2	63.1	80.2	56.2	68.2	92	39	56	56	56	60	57	86	87	48	76	74
October	29.18	30.12	29.48	28.86	50.4	48.0	68.8	57.5	48.0	46.5	56.3	53.3	72.0	44.9	58.4	86	28	46	45	46	50	47	86	90	48	77	75
November	29.23	30.19	29.66	28.84	43.9	40.6	57.0	48.5	41.3	38.9	47.7	44.6	59.8	37.0	48.4	77	22	38	36	38	40	38	81	86	52	73	73
December	29.19	30.15	29.60	28.46	39.6	36.9	51.0	44.1	37.9	35.7	44.4	41.3	54.4	33.4	43.9	68	13	36	34	37	38	36	85	89	61	79	78
Year	29.11	30.06	29.66	28.34	50.7	49.4	64.3	57.7	48.2	47.1	54.1	52.2	67.4	45.2	56.3	99	−7	46	45	45	47	46	83	84	53	70	72

[1] Pressure at airport adjusted to the old (city) station elevation of 707 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

GRAND JUNCTION, COLO.

[H=4,587 ft.; H_b=4,602 ft.; H_t=60 ft.; H_r=52 ft.; H_a=68 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	1.43	0.52	7.7	6.5	4.4	SE.	15	NW.	0	7	7	17	14	8	15	13	1	2	2	1	1	8	0	0	30	0	0
February	1.04	.34	3.5	7.3	5.0	SE.	19	W.	0	2	11	16	11	5	8	6	0	1	1	0	1	0	0	0	18	0	0
March	.88	.68	2.1	5.1	6.6	SE.	31	W.	0	10	13	8	4	4	2	2	0	0	0	0	0	0	0	0	11	0	0
April	.98	.29	.0	5.9	7.0	SE.	34	SW.	1	6	13	11	9	8	0	0	4	0	0	0	0	0	0	0	0	0	4
May	T	T	.0	4.1	6.3	SE.	20	N.	0	14	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
June	.07	.07	.0	3.3	7.1	SE.	35	S.	1	14	14	2	1	1	0	0	0	0	0	0	0	0	19	14	0	0	3
July	.64	.40	.0	4.5	7.1	SE.	28	S.	0	9	18	4	6	3	0	0	0	0	0	0	0	0	22	19	0	0	8
August	.28	.20	.0	3.9	6.2	SE.	30	NW.	0	16	10	5	5	2	0	0	0	0	0	0	0	0	19	14	0	0	7
September	2.35	.89	.0	5.9	6.1	SE.	23	W.	0	7	12	11	15	12	0	0	1	0	0	0	0	0	2	1	0	0	9
October	1.41	.62	.0	3.3	5.3	SE.	27	W.	0	18	8	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	3
November	.83	.29	3.8	5.3	5.2	SE.	29	W.	0	10	9	11	7	6	6	3	0	1	1	0	0	0	0	0	21	0	1
December	1.07	.55	8.4	6.4	4.3	SE.	22	S.	0	8	7	16	7	5	14	6	0	2	2	1	0	8	0	0	31	1	0
Year	10.98	.89	25.5	5.1	5.9	SE.	35	S.	2	121	135	110	84	59	45	30	6	6	6	2	2	16	62	48	111	1	36

GRAND RAPIDS, MICH.

Airport [H=684 ft.; H_b=689 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.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.69	0.91	16.1	9.1	10.5	W.	37	S.	2	1	3	27	21	9	28	20	0	3	0	2	1	27	0	0	31	1	0
February	.77	.44	9.3	8.0	10.3	NE.	33	SW.	2	4	2	23	13	5	21	12	0	6	3	0	0	11	0	0	29	0	0
March	1.92	.63	19.9	7.1	12.3	N.	55	SW.	1	7	7	17	13	8	19	9	0	2	0	0	0	11	0	0	28	0	1
April	2.12	.63	1.6	6.3	12.1	N.	46	SW.	1	8	7	15	11	9	4	1	0	5	0	0	0	1	0	0	7	0	3
May	4.06	1.19	.8	7.3	10.7	SW.	45	SW.	3	3	11	17	21	13	2	2	1	7	0	1	0	0	0	0	1	0	8
June	3.06	1.09	.0	5.3	10.5	SW.	42	S.	2	9	11	10	16	10	0	0	0	5	2	2	0	0	1	0	0	0	7
July	.98	.29	.0	4.2	9.4	SW.	37	SW.	1	17	8	6	7	5	0	0	0	1	0	0	0	0	9	2	0	0	7
August	7.40	2.02	.0	6.4	8.6	E.	25	N.	0	7	11	13	17	17	0	0	0	10	1	0	0	0	4	0	0	0	13
September	.65	.39	.0	5.0	8.3	SW.	27	S.	0	11	11	8	6	3	0	0	0	9	1	1	1	0	0	0	0	0	3
October	2.79	1.09	.0	5.5	9.3	E.	37	SW.	1	11	12	8	9	7	0	0	0	9	2	0	1	0	0	0	0	0	3
November	3.02	.65	17.3	7.8	13.6	SW.	65	SW.	6	3	8	19	15	13	11	6	0	5	1	0	0	6	0	0	16	0	1
December	2.05	.89	7.0	8.9	11.0	S.	36	SW.	2	1	3	27	16	11	14	8	0	5	1	1	0	9	0	0	22	0	0
Year	30.51	2.02	72.0	6.7	10.5	SW.	65	SW.	21	82	94	190	165	110	99	58	1	67	11	7	3	65	14	2	134	1	46

GREEN BAY, WIS.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.99	0.68	13.8	7.1	10.2	W.	35	NW.	1	9	5	17	8	5	25	8	0	0	0	0	0	29	0	0	31	9	0
February	.57	.36	6.6	7.5	9.7	N.	30	N.	0	7	3	19	6	2	18	4	0	2	0	0	0	17	0	0	29	2	0
March	.66	.25	7.4	6.6	11.4	N.	30	S.	0	7	10	14	6	3	12	5	0	2	1	0	0	15	0	0	29	0	0
April	2.91	1.04	1.5	6.5	11.0	N.	30	N.	0	7	9	14	10	7	7	3	1	5	3	0	0	0	0	0	12	0	2
May	3.38	1.03	3.5	7.8	11.5	N.	27	N.	0	1	11	19	12	8	2	2	1	2	0	0	0	0	0	0	2	0	4
June	6.11	1.52	.0	6.4	11.0	S.	30	W.	0	7	8	15	15	11	0	0	0	5	4	0	1	0	0	0	0	0	9
July	1.90	1.33	.0	5.9	8.6	S.	31	N.	0	10	6	15	9	5	0	0	0	0	0	0	0	0	5	1	0	0	7
August	6.12	1.67	.0	7.6	8.7	S.	31	SW.	0	4	5	22	17	15	0	0	0	3	0	0	0	0	0	0	0	0	5
September	2.36	1.28	.0	5.8	9.4	S.	30	N.	0	9	9	12	7	5	0	0	1	7	3	0	2	0	0	0	0	0	2
October	1.87	.88	.0	7.0	9.5	S.	23	SW.	0	6	8	17	10	5	0	0	0	5	2	1	3	0	0	0	0	0	3
November	3.25	.68	12.9	7.8	11.6	SW.	47	S.	2	5	4	21	13	11	10	4	0	4	0	0	0	10	0	0	19	0	0
December	1.38	.90	7.7	8.1	10.1	S.	25	W.	0	5	1	25	9	5	14	7	0	11	6	2	4	13	0	0	27	3	0
Year	31.50	1.67	53.4	7.0	10.2	S.	47	S.	3	77	79	210	122	82	88	33	3	46	19	3	10	84	5	1	149	14	32

GREENSBORO, N. C.

[H=891 ft.; H_b=886 ft.; H_t=6 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.36	0.88	14.5	4.6	7.4	W.	28	N.	0	16	4	11	8	6	7	4	0	8	4	4	5	7	0	0	29	3	0
February	2.24	.95	T	6.8	8.9	SW.	42	NW.	1	5	10	14	14	9	2	0	0	17	7	7	3	0	0	0	16	0	1
March	2.34	.04	4.3	5.4	9.1	NE.	26	SW.	0	10	8	13	10	8	1	1	0	12	6	5	3	1	0	0	15	0	1
April	3.57	1.61	.0	6.3	9.7	SW.	29	NW.	0	7	9	14	9	7	0	0	0	8	3	1	1	0	0	0	2	0	2
May	5.90	2.65	.0	6.1	7.9	SW.	38	SW.	1	5	17	9	12	10	0	0	1	10	3	2	0	0	2	0	0	0	8
June	2.99	.91	.0	5.8	7.0	SW.	45	W.	1	6	16	8	10	8	0	0	0	7	1	1	0	0	9	0	0	0	12
July	6.08	1.17	.0	6.5	6.0	NE.	35	N.	1	5	14	12	14	13	0	0	0	9	2	2	2	0	10	3	0	0	12
August	8.66	3.74	.0	6.8	7.7	NE.	29	E.	0	4	11	16	15	12	0	0	0	16	3	0	0	0	2	0	0	0	5
September	1.60	.93	.0	3.5	7.2	NE.	34	SW.	1	17	9	4	5	4	0	0	1	12	1	1	1	0	2	0	0	0	2
October	1.06	.57	.0	4.0	6.6	NE.	30	NE.	0	15	8	8	5	4	0	0	0	17	5	4	4	0	0	0	1	0	1
November	5.62	1.94	T	5.4	8.0	SW.	24	NE.	0	12	6	12	10	6	1	0	0	13	4	2	3	0	0	0	10	0	1
December	2.17	.57	.0	6.2	7.8	NE.	22	NW.	0	8	8	15	12	8	0	0	0	13	8	6	1	0	0	0	16	0	0
Year	44.68	3.74	18.8	5.6	7.8	SW.	45	W.	5	110	120	136	124	95	11	5	2	142	47	35	23	8	25	3	89	3	45

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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	28.97	30.11	29.38	28.56	----	25.9	37.5	34.3 (1)	----	24.0	32.0	29.8	40.6	22.9	31.8	57	8	----	20	22	21	21	----	78	57	60	65
February	28.88	29.99	29.31	28.36	----	37.5	49.1	46.1	----	34.3	41.1	40.1	52.6	34.3	43.3	67	24	----	29	30	32	30	----	72	50	60	61
March	28.88	29.99	29.32	28.36	----	41.7	55.6	52.3	----	38.4	45.4	43.8	59.6	38.7	49.2	77	25	----	34	33	33	33	----	75	49	52	59
April	28.88	29.98	29.27	28.39	----	52.6	66.1	62.0	----	47.9	53.1	51.4	69.5	47.2	58.4	84	29	----	43	40	41	41	----	70	42	49	54
May	28.83	29.92	29.18	28.46	----	61.2	75.6	71.5	----	55.2	59.5	58.2	78.8	55.0	66.9	94	41	----	50	47	48	48	----	70	40	47	52
June	28.92	30.00	29.13	28.64	----	72.2	84.6	79.3	----	66.5	69.3	68.1	88.0	66.2	77.1	95	56	----	63	61	62	62	----	75	46	58	60
July	29.01	30.09	29.23	28.82	----	73.1	----	83.6	----	67.7	----	----	87.1	68.5	77.8	103	60	----	65	----	----	----	----	77	----	----	----
August	28.94	30.02	29.14	28.63	----	72.0	----	82.4	----	68.3	----	----	86.5	69.1	77.8	94	63	----	66	----	----	----	----	83	----	----	----
September	28.97	30.06	29.20	28.57	----	64.5	----	79.4	----	59.4	----	----	82.6	61.3	72.0	95	44	----	56	----	----	----	----	74	----	----	----
October	29.01	30.11	29.26	28.70	----	54.1	----	71.8	----	50.1	----	----	75.5	52.4	64.0	87	42	----	46	----	----	----	----	76	----	----	----
November	29.07	30.18	29.45	28.70	----	44.7	----	56.8	----	41.9	----	----	60.8	42.2	51.5	80	22	----	38	----	----	----	----	79	----	----	----
December	29.09	30.12	29.40	28.30	----	41.7	----	52.8	----	39.2	----	----	55.8	39.3	47.6	68	23	----	36	----	----	----	----	79	----	----	----
Year	28.95	30.05	29.45	28.30	----	53.4	----	64.4	----	49.4	----	----	69.8	49.8	59.8	103	8	----	46	----	----	----	----	76	----	----	----

HARRISBURG, PA.

Airport [ϕ=40°13′ N.; λ=76°51′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	(2) 29.65	30.08	(2) 30.11	(2) 29.12	19.8	18.5	26.1	23.1	18.0	16.6	22.6	20.6	28.9	14.8	21.8	52	2	12	11	14	14	13	70	70	57	64	65
February	29.56	29.97	30.04	28.76	29.8	29.3	35.8	33.5	27.5	27.1	31.4	30.2	39.5	25.3	32.3	58	14	23	23	24	24	23	74	76	62	68	70
March	29.56	29.98	30.03	29.01	32.1	31.3	39.5	36.5	29.0	28.6	34.1	32.4	41.8	28.9	35.4	66	16	22	23	25	24	24	66	70	57	63	64
April	29.56	29.97	30.02	29.12	43.2	42.6	52.8	50.2	39.1	38.6	44.2	43.1	57.4	37.8	47.6	78	25	33	33	34	34	33	69	69	52	57	62
May	29.51	29.91	29.78	29.18	55.7	56.7	68.3	64.5	51.8	52.6	57.1	56.4	72.3	51.8	62.0	92	42	48	49	48	50	48	77	76	52	62	67
June	29.53	29.93	29.88	29.09	64.3	66.8	77.0	73.0	60.5	61.4	65.2	64.6	81.2	59.8	70.5	93	46	58	58	58	60	58	81	74	54	65	68
July	29.66	30.05	29.98	29.39	68.4	70.8	85.1	78.2	64.7	66.0	70.1	68.4	88.2	64.8	76.5	100	51	62	63	62	63	63	82	78	47	62	67
August	29.70	30.10	30.00	29.27	65.5	65.8	76.6	71.6	62.7	63.0	66.1	65.2	79.0	61.7	70.4	95	50	61	61	60	62	61	86	86	60	72	76
September	29.66	30.06	29.94	29.13	58.1	57.7	71.6	64.0	55.6	55.6	60.2	58.7	74.9	53.0	64.0	90	36	54	53	52	55	54	85	86	52	73	74
October	29.70	30.11	30.08	29.32	47.4	45.5	59.0	52.3	44.6	43.1	50.1	47.6	61.5	41.7	51.6	81	25	42	40	42	43	42	81	83	54	71	72
November	29.73	30.14	30.23	29.30	41.6	39.8	48.7	44.6	38.8	37.0	42.3	40.2	51.0	36.3	43.6	74	23	35	33	35	34	34	77	77	59	68	70
December	29.72	30.14	30.19	28.89	34.7	33.3	42.1	37.8	32.5	31.4	37.1	34.6	45.0	30.3	37.6	60	11	29	28	30	30	29	78	81	62	71	73
Year	29.63	30.04	30.23	28.76	46.7	46.5	56.9	52.4	43.7	43.4	48.4	46.8	60.0	42.2	51.1	100	2	40	40	40	41	40	77	77	56	66	69

HARTFORD, CONN.

Airport [ϕ=41°44′ N.; λ=72°39′ W.] City [ϕ=41°46′ N.; λ=72°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	(2 3) 29.81	(3) 29.99	(2 3) 30.37	(2 3) 29.36	(3) 16.5	(3) 14.7	(3) 25.9	(3) 21.6	(3) 14.7	(3) 13.5	(3) 22.1	(3) 19.0	(4) 28.4	(4) 10.3	(4) 19.4	(4) 49	(4) −5	(3) 9	(3) 9	(3) 11	(3) 11	(3) 10	(3) 73	(3) 78	(3) 51	(3) 63	(3) 66
February	29.74	29.92	30.26	28.82	25.1	22.3	33.6	29.3	23.3	21.0	29.2	26.5	36.0	19.4	27.7	49	3	19	18	21	21	20	76	82	58	69	71
March	29.74	29.92	30.40	29.18	27.7	27.2	36.5	31.9	25.8	25.2	31.7	29.1	38.5	24.0	31.2	61	12	21	20	23	23	22	75	74	58	70	69
April	29.77	29.94	30.20	29.19	38.6	39.5	50.7	44.9	36.4	36.7	43.0	39.8	53.0	34.4	43.7	69	25	33	33	33	33	33	82	77	56	65	70
May	29.76	29.93	30.10	29.35	51.7	54.1	65.5	59.5	49.7	50.8	56.4	53.7	68.0	48.1	58.0	80	36	48	47	48	48	48	87	80	58	70	74
June	29.73	39.90	30.14	29.34	58.4	61.5	73.1	66.5	56.5	58.0	62.9	61.1	75.8	55.1	65.4	89	41	55	55	56	58	56	89	82	58	74	76
July	29.85	30.02	30.17	29.60	65.2	68.0	80.7	73.3	63.7	64.8	69.4	67.5	82.9	62.2	72.6	95	51	63	63	64	64	63	92	84	57	75	77
August	29.95	30.12	30.27	29.44	61.4	62.9	77.0	69.2	60.0	60.7	65.6	64.2	78.7	57.4	68.0	88	38	59	59	59	61	60	92	88	55	76	78
September	29.86	30.03	30.23	29.33	54.7	55.4	71.3	61.7	53.9	54.0	60.2	57.4	73.5	49.3	61.4	88	32	53	53	52	54	53	95	92	52	77	79
October	29.90	30.08	30.28	29.51	42.1	42.0	57.7	47.8	40.2	40.0	48.2	43.8	59.5	36.6	48.0	77	18	38	38	38	39	38	84	85	49	72	72
November	29.92	30.09	30.48	29.40	39.2	38.0	46.6	41.3	37.0	36.0	40.9	38.0	49.1	33.3	41.2	69	13	34	33	33	34	34	82	84	61	74	75
December	29.93	30.11	30.47	29.25	30.2	29.0	38.8	33.0	28.8	27.5	34.1	30.6	40.8	24.3	32.6	56	3	26	24	26	26	26	84	82	61	75	75
Year	29.83	30.01	30.48	28.82	42.6	42.9	54.8	48.3	40.8	40.7	47.0	44.2	57.0	37.9	47.4	95	−5	38	38	39	39	39	84	82	56	72	74

HATTERAS, N. C.

[ϕ=35°15′ N.; λ=75°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	30.05	30.06	30.47	29.19	36.0	33.1	38.8	36.4	34.2	31.7	35.2	34.1	43.6	30.8	37.2	64	19	31	28	29	30	30	82	82	69	78	78
February	29.96	29.97	30.44	29.18	42.3	40.9	47.4	43.1	40.7	39.4	44.1	41.0	50.0	37.3	43.6	62	23	38	37	40	38	38	86	87	77	83	83
March	29.97	29.98	30.42	29.36	45.5	45.3	51.7	46.6	43.7	43.3	47.7	44.2	54.2	41.5	47.8	69	31	42	41	44	42	42	86	85	74	83	82
April	29.98	29.98	30.33	29.38	54.0	55.9	60.7	55.7	51.2	52.3	54.2	51.7	62.4	50.2	56.3	72	38	49	49	48	48	48	82	78	65	76	75
May	29.91	29.92	30.30	29.59	62.5	64.7	68.9	64.5	60.3	61.6	63.5	61.5	70.8	59.5	65.2	79	49	59	60	60	60	60	88	84	75	84	83
June	29.98	29.99	30.24	29.57	73.7	76.3	79.7	75.2	71.2	72.2	73.3	71.3	81.2	71.5	76.4	89	62	70	70	70	69	70	89	82	74	83	82
July	30.06	30.07	30.28	29.84	74.6	78.1	81.9	77.1	72.3	73.9	75.4	73.6	83.4	72.7	78.0	92	65	71	72	73	72	72	90	82	74	85	83
August	30.03	30.04	30.22	29.68	76.9	78.7	82.1	77.8	73.7	74.3	75.8	73.9	83.3	74.1	78.7	88	65	72	72	73	72	72	86	82	75	83	82
September	30.00	30.01	30.28	29.60	70.1	72.2	76.8	71.4	66.7	67.7	69.7	67.3	77.7	66.9	72.3	88	58	65	65	66	65	65	84	79	70	81	79
October	30.06	30.07	30.37	29.70	59.8	60.4	66.5	61.0	57.1	58.2	60.8	58.4	68.4	56.5	62.4	78	47	55	57	57	56	56	85	88	73	86	83
November	30.15	30.16	30.58	29.71	55.0	54.1	61.3	56.4	52.5	51.5	55.8	53.6	63.8	49.8	56.8	74	35	50	49	51	51	50	84	84	71	83	80
December	30.12	30.13	30.48	29.48	50.8	49.5	55.9	51.9	49.3	47.8	52.2	50.0	58.5	46.0	52.2	72	33	48	46	49	48	48	89	88	78	87	86
Year	30.02	30.03	30.58	29.18	58.4	59.1	64.3	59.8	56.1	56.2	59.0	56.7	66.4	54.7	60.6	92	19	54	54	55	54	54	86	83	73	83	81

[1] Observations taken at 5 p. m. beginning with July.
[2] Pressure at airport adjusted to the old (city) station elevation: Harrisburg, 378 feet; Hartford, 159 feet.
[3] Airport data. [4] City office data, Jan.–Feb. [5] City office transferred to Airport Mar. 21.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	2.85	1.30	7.9	4.5	6.2	NE.	25	SW.	0	15	5	11	7	5	5	3	0	6	3	2	1	5	0	0	27	0	0
February	3.57	1.99	.0	6.4	8.1	SW.	27	E.	0	7	8	14	15	11	0	0	0	9	3	2	2	0	0	0	10	0	0
March	4.29	.99	2.0	5.6	7.6	NE.	24	SW.	0	9	10	12	11	10	1	1	0	7	3	1	0	0	0	0	7	0	2
April	1.26	.58	.0	5.7	8.7	SW.	36	SW.	1	10	7	13	8	6	0	0	0	1	0	0	0	0	0	0	1	0	3
May	1.80	.71	.0	4.5	7.5	SW.	26	SW.	0	13	9	9	11	5	0	0	0	0	1	0	0	0	2	0	0	0	4
June	2.02	.99	.0	5.8	7.0	SW.	26	SW.	0	6	17	7	12	11	0	0	1	1	1	0	0	0	12	1	0	0	10
July	4.60	2.63	.0	6.2	5.8	NE.	17	SW.	0	8	10	13	11	7	0	0	0	2	1	1	0	0	13	10	0	0	8
August	9.23	4.64	.0	6.0	7.2	NE.	28	S.	0	5	16	10	10	8	0	0	0	1	0	0	0	0	10	0	0	0	5
September	.14	.14	.0	3.5	6.2	NE.	23	SW.	0	18	9	3	1	1	0	0	0	0	0	0	0	0	4	1	0	0	1
October	2.97	1.35	.0	3.2	5.5	NE.	23	NE.	0	18	9	4	6	5	0	0	0	2	1	1	0	0	0	0	0	0	3
November	3.42	1.11	.0	5.7	6.4	NE.	21	N.	0	11	5	14	10	9	0	0	0	6	3	0	0	0	0	0	5	0	0
December	2.65	.62	T	5.7	7.1	NE.	26	SW.	0	10	7	14	10	7	1	0	0	8	5	1	0	0	0	0	3	0	0
Year	38.80	4.64	9.9	5.2	6.9	NE.	36	SW.	1	130	112	124	112	85	7	4	1	43	21	8	3	5	41	12	53	0	36

HARRISBURG, PA.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.21	1.01	5.0	6.5	9.6	W.	27	W.	0	9	6	16	6	3	13	5	0	5	4	2	1	22	0	0	30	0	0
February	3.09	1.35	13.7	6.6	9.4	NW.	32	N.	1	8	4	17	10	8	10	6	0	12	6	3	3	2	0	0	22	0	0
March	4.92	1.72	2.9	7.2	10.7	NW.	36	S.	1	4	9	18	11	9	9	4	0	11	2	2	2	3	0	0	21	0	2
April	4.70	2.18	T	7.3	10.0	NW.	28	SE.	0	5	7	18	11	7	4	0	0	11	4	5	2	0	0	0	5	0	1
May	3.56	.74	.0	7.1	8.9	E.	35	S.	1	3	10	18	18	15	0	0	0	14	0	0	0	0	1	0	0	0	7
June	2.93	1.04	.0	6.1	7.0	W.	29	NW.	0	5	13	12	11	8	0	0	0	13	0	1	0	0	2	0	0	0	7
July	3.17	1.73	.0	4.6	6.3	W.	34	SE.	1	12	13	6	7	6	0	0	0	11	0	0	0	0	14	8	0	0	7
August	6.22	2.82	.0	6.8	7.2	E.	26	SW.	0	4	13	14	15	10	0	0	0	17	3	1	1	0	3	1	0	0	3
September	3.46	1.66	.0	4.3	5.8	W.	28	N.	0	13	12	5	8	6	0	0	0	20	2	3	3	0	1	0	0	0	6
October	2.63	.98	1.2	5.6	6.2	W.	25	N.	0	11	7	13	9	7	2	1	0	15	3	2	3	0	0	0	4	0	1
November	4.22	1.49	2.5	7.5	9.0	NW.	28	SE.	0	3	7	20	11	10	7	2	0	12	0	0	0	0	0	0	10	0	1
December	2.86	.84	1.5	7.2	6.9	NW.	28	NW.	0	4	10	17	10	8	4	1	0	16	6	5	2	2	0	0	17	0	1
Year	43.04	2.82	26.8	6.4	8.1	W.	36	S.	4	81	111	174	127	97	49	19	0	157	30	24	17	29	21	9	109	0	36

HARTFORD, CONN.

Airport [H=15 ft.; H_b=21 ft.; H_t=5 ft.; H_r=3 ft.; H_a=44 ft.] City [H=62 ft.; H_b=159 ft.; H_t=66 ft.; H_r=58 ft.; H_a=100 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)				(1)	(1)	(1)	(1)											
January	3.69	3.32	7.7	5.0	8.8	NW.	25	NW.	0	13	8	10	9	5	14	7	0	9	4	2	1	25	0	0	30	5	0
February	3.09	1.24	16.9	6.7	9.5	N.	32	N.	1	6	8	15	11	8	13	8	0	12	2	2	0	6	0	0	28	0	1
March	5.10	1.63	5.9	6.5	9.7	NW.	28	NW.	0	6	10	15	15	12	13	7	0	15	3	3	2	7	0	0	29	0	1
April	5.38	1.49	1.7	6.9	10.4	N.	32	NW.	1	6	8	16	13	11	2	2	0	15	6	5	3	0	0	0	11	0	0
May	7.04	3.68	.0	8.1	9.2	NE.	30	NW.	0	1	9	21	17	12	0	0	0	17	3	2	1	0	0	0	0	0	3
June	4.32	1.06	.0	6.5	8.6	SW.	25	N.	0	5	14	11	15	13	0	0	0	18	6	6	1	0	0	0	0	0	8
July	3.88	1.45	.0	6.5	6.9	SW.	24	NE.	0	5	12	14	10	8	0	0	1	23	6	5	2	0	5	1	0	0	7
August	1.79	1.16	.0	6.1	7.1	SW.	22	N.	0	8	10	13	9	7	0	0	0	22	13	11	12	0	0	0	0	0	4
September	2.37	1.59	.0	5.8	7.0	S.	29	N.	0	8	10	12	6	5	0	0	0	23	17	13	12	0	0	0	1	0	2
October	2.57	1.14	T	5.3	7.8	N.	26	N.	0	11	10	10	7	7	1	0	0	18	6	5	4	0	0	0	12	0	1
November	5.46	1.78	5.0	7.4	8.7	N.	29	N.	0	5	6	19	11	8	6	4	0	16	3	3	2	1	0	0	13	0	0
December	2.67	1.17	4.1	6.5	8.0	N.	33	SW.	1	7	8	16	14	9	5	2	0	16	9	7	8	4	0	0	22	0	0
Year	47.36	3.68	41.3	6.4	8.5	N.	33	SW.	3	81	113	172	137	105	54	30	1	204	78	64	49	43	5	1	146	5	27

HATTERAS, N. C.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	4.67	2.08	1.1	4.6	15.2	NW.	59	NW.	3	16	4	11	12	11	3	3	0	4	2	1	0	2	0	0	19	0	0
February	6.21	2.24	T	6.1	14.4	N.	52	NW.	6	10	5	14	11	10	1	0	0	5	2	2	1	0	0	0	6	0	1
March	2.49	1.20	.6	5.6	12.9	NE.	34	N.	2	10	8	13	10	8	1	1	0	4	2	3	1	0	0	0	2	0	3
April	3.47	1.19	.0	4.6	15.1	SW.	42	N.	4	13	10	7	9	7	0	0	0	2	0	0	0	0	0	0	0	0	4
May	11.69	5.40	.0	5.6	13.3	SW.	34	N.	1	11	7	13	14	10	0	0	0	2	0	0	0	0	0	0	0	0	10
June	1.64	1.30	.0	4.8	11.8	SW.	34	NW.	1	12	9	9	5	4	0	0	0	0	0	0	0	0	0	0	0	0	8
July	3.58	1.11	.0	5.1	9.9	SW.	40	NW.	2	12	9	10	8	7	0	0	0	0	0	0	0	0	3	0	0	0	10
August	9.36	2.30	.0	5.6	11.1	E.	34	S.	1	9	11	11	15	13	0	0	0	0	0	0	0	0	0	0	0	0	10
September	4.75	2.62	.0	4.6	13.2	NE.	47	NW.	4	15	7	8	7	5	0	0	0	0	0	0	0	0	0	0	0	0	2
October	1.72	.83	.0	4.4	11.5	NE.	34	N.	3	17	6	8	7	5	0	0	0	3	2	1	2	0	0	0	0	0	2
November	4.17	1.70	.0	5.1	12.4	N.	34	NW.	2	13	4	13	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0
December	5.56	2.57	.0	5.9	12.8	N.	31	SE.	0	8	9	14	12	8	0	0	0	7	4	1	3	0	0	0	0	0	2
Year	59.31	5.40	1.7	5.2	12.8	SW.	59	NW.	29	146	89	131	120	96	5	4	0	27	12	8	7	2	3	0	27	0	52

[1] Automatic records continued at city office through March; April–Dec., airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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	27.52	30.33	28.10	26.89	6.0	5.9	10.0	9.0	4.8	4.9	8.7	7.9	16.0	−1.9	7.0	47	−31	−2	1	5	4	2	71	80	79	81	78
February	27.34	30.09	27.87	26.91	14.7	13.2	17.8	19.1	13.6	12.4	16.4	17.8	24.3	7.4	15.8	45	−10	11	10	13	14	12	82	87	81	81	83
March	27.31	30.00	27.70	26.78	29.8	28.5	35.9	37.7	28.0	26.9	32.2	33.2	41.4	24.4	32.9	63	9	25	24	27	28	26	83	84	71	68	76
April	27.36	30.06	28.12	27.05	37.4	33.6	45.3	46.9	34.6	31.7	38.6	39.4	50.4	30.7	40.6	77	−4	31	29	31	31	30	78	83	59	57	69
May	27.35	29.96	27.63	26.95	54.2	47.0	67.9	70.2	46.4	42.6	51.8	52.6	74.0	44.6	59.3	87	34	39	38	38	37	38	59	72	35	32	50
June	27.32	29.92	27.60	27.04	66.8	54.3	71.3	74.6	52.8	49.7	56.4	56.7	78.3	52.3	65.3	92	45	46	46	45	43	45	62	74	42	37	54
July	27.35	29.94	27.63	27.07	65.8	58.9	77.7	82.1	57.2	54.5	61.6	61.8	86.1	57.7	71.9	98	48	51	51	52	49	52	63	77	43	35	54
August	27.36	29.95	27.72	27.05	64.8	55.1	78.2	85.0	52.1	47.7	57.4	58.9	87.1	53.5	70.3	105	45	41	41	41	38	30	44	60	28	21	39
September	27.37	29.98	27.73	27.06	58.4	52.9	69.4	74.6	50.7	48.0	55.9	57.0	78.1	50.2	64.2	98	40	44	44	46	44	44	63	73	46	37	55
October	27.33	29.96	27.78	27.03	47.7	43.2	56.7	58.4	43.0	40.1	47.1	47.8	64.1	40.0	52.0	82	28	38	37	38	38	38	71	79	53	50	63
November	27.47	30.22	27.86	27.04	19.4	17.4	25.3	24.2	18.1	16.1	22.6	21.8	31.2	11.4	21.3	53	−15	16	14	18	18	16	85	85	72	75	79
December	27.30	30.02	27.83	26.74	23.7	21.8	30.4	29.5	21.8	19.8	26.6	26.2	37.0	17.1	27.0	62	−17	18	16	21	21	19	80	79	69	72	75
Year	27.37	30.04	28.12	26.74	40.2	36.0	48.8	50.9	44.0	32.9	39.6	40.1	55.7	32.3	44.0	105	−31	30	29	34	30	30	70	78	56	54	65

HELENA, MONT.

Airport [ϕ=46°36′ N.; λ=112°00′ W.] City [ϕ=46°35′ N.; λ=112°02′ 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) 25.88	30.29	(1) 26.30	(1) 25.43	----	13.3	15.3	18.8	----	11.8	13.9	16.4	22.5	8.3	15.4	47	−17	----	8	10	11	10	----	77	79	72	76
February	25.71	30.02	26.07	25.33	----	23.2	26.3	29.8	----	20.9	23.6	26.3	34.2	19.1	26.6	55	−3	----	17	19	21	19	----	75	73	68	72
March	25.73	29.96	26.13	25.19	----	35.1	41.1	44.6	----	30.5	33.5	36.1	47.9	31.4	39.6	61	20	----	24	24	25	24	----	65	50	48	54
April	25.79	30.02	26.35	25.48	----	36.4	44.7	47.9	----	33.1	37.8	39.6	51.6	33.2	42.4	75	5	----	29	30	30	30	----	75	57	55	62
May	25.82	29.98	26.12	25.46	51.9	44.2	64.4	68.1	44.2	39.9	49.9	51.7	72.1	42.1	57.1	88	32	37	35	37	38	37	58	72	38	37	51
June	25.81	29.94	26.09	25.55	59.4	52.0	70.3	75.3	49.7	46.2	53.9	56.0	78.9	48.9	63.9	93	36	42	41	42	42	42	55	69	38	35	49
July	25.83	29.94	26.01	25.57	66.5	57.3	76.4	80.8	55.2	51.0	59.2	59.8	85.5	55.3	70.4	97	44	47	46	48	46	47	54	68	39	34	49
August	25.85	29.94	26.13	25.61	66.7	54.6	76.7	85.8	51.0	45.3	55.7	58.0	87.3	52.5	69.9	103	42	38	36	40	37	38	36	52	28	19	34
September	25.84	29.99	26.11	25.60	56.9	50.9	64.1	69.6	50.7	47.2	53.6	55.5	73.3	47.5	60.4	90	37	46	44	46	46	46	70	80	56	47	63
October	25.82	30.03	26.19	25.49	45.6	41.5	52.3	56.6	41.4	38.9	45.1	46.8	61.1	37.8	49.4	75	28	37	36	38	38	38	74	82	61	52	68
November	25.88	30.26	26.30	25.50	22.7	18.4	25.6	25.7	20.7	17.0	22.8	22.8	33.0	12.9	23.0	52	−13	17	14	18	18	17	79	83	74	72	77
December	25.76	30.10	26.12	25.22	26.3	23.5	30.4	31.6	23.4	21.4	26.7	27.1	38.5	18.9	28.7	59	−9	19	18	21	21	20	72	80	67	64	71
Year	25.81	30.04	26.35	25.19	----	37.5	49.0	52.0	----	33.6	39.6	41.3	57.2	34.0	45.6	103	−17	----	29	31	31	31	----	73	55	50	60

HONOLULU, T. H.

[ϕ=21°19′ N.; λ=157°52′ 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	29.82	29.87	30.00	29.64	----	(3) 69.9	75.1	(3) 71.4	----	(3) 65.4	67.4	(3) 66.0	76.6	65.9	71.2	79	61	----	(3) 63	63	(3) 63	63	----	(3) 79	68	(3) 75	74
February	29.94	29.98	30.09	29.77	----	71.4	76.3	72.0	----	65.6	67.2	65.7	77.5	67.6	72.6	80	60	----	62	62	62	62	----	74	62	71	69
March	29.90	29.94	30.09	29.70	----	72.3	76.7	72.0	----	66.1	67.9	66.3	78.5	67.0	72.8	83	62	----	63	63	63	63	----	72	64	74	70
April	29.98	30.02	30.10	29.79	----	76.0	78.9	74.4	----	68.6	69.3	68.3	80.4	70.5	75.4	83	66	----	65	64	65	65	----	69	62	74	78
May	29.96	30.00	30.09	29.80	----	76.6	79.8	75.1	----	69.7	70.6	69.2	81.0	71.5	76.2	83	70	----	66	66	66	66	----	71	64	75	70
June	29.96	30.00	30.06	29.87	----	78.4	81.8	77.0	----	70.5	71.5	70.3	83.1	73.7	78.4	84	71	----	67	67	67	67	----	68	61	72	67
July	29.96	30.00	30.08	29.84	----	79.0	82.6	78.1	----	70.8	71.7	70.8	84.0	74.9	79.4	85	72	----	67	67	67	67	----	67	59	70	65
August	29.93	29.97	30.00	29.84	----	79.3	82.4	78.3	----	71.8	72.7	71.5	83.9	75.7	79.8	86	73	----	68	68	68	68	----	70	63	72	68
September	29.91	29.95	30.00	29.79	----	78.6	82.1	77.9	----	71.2	71.9	71.0	83.7	74.4	79.0	85	71	----	68	67	68	68	----	70	61	72	68
October	29.92	29.96	30.04	29.74	----	78.5	81.7	77.7	----	71.3	71.8	70.7	83.2	74.0	78.6	87	70	----	68	67	67	67	----	70	62	71	68
November	29.89	29.93	30.04	29.69	----	76.0	80.1	76.0	----	69.7	70.7	69.6	81.3	72.1	76.7	85	69	----	67	66	67	67	----	73	63	73	70
December	29.91	29.95	30.06	29.67	----	72.5	76.9	73.4	----	66.6	68.5	67.1	78.5	69.2	73.8	83	62	----	63	64	64	64	----	73	65	72	70
Year	29.92	29.96	30.10	29.64	----	75.7	79.5	75.3	----	68.9	70.1	68.9	81.0	71.4	76.2	87	60	----	66	65	66	66	----	71	63	73	69

HOUSTON, TEX.

Airport [ϕ=29°39′ N.; λ=95°17′ W.] City [ϕ=29°47′ N.; λ=95°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) (4) 30.06	(4) 30.23	(1) (4) 30.48	(1) (4) 29.42	(4) 39.1	(4) 35.7	(4) 47.4	(4) 45.2	(4) 36.2	(4) 33.8	(4) 41.0	(4) 40.2	52.7	33.5	43.1	74	10	(4) 31	(4) 30	(4) 32	(4) 33	(4) 32	(4) 73	(4) 80	(4) 57	(4) 63	(4) 68
February	29.86	30.02	30.35	29.46	49.3	46.8	57.3	56.5	47.3	45.4	50.5	50.6	63.2	45.9	54.6	90	32	45	44	44	45	44	86	89	64	68	77
March	29.83	29.98	30.36	29.58	56.2	53.5	68.4	66.1	53.8	51.6	57.6	57.6	73.2	53.7	63.4	87	36	51	49	48	50	50	85	87	51	59	70
April	29.79	29.94	30.37	29.40	62.2	59.7	72.5	69.9	59.8	58.2	63.9	63.0	76.9	58.9	67.9	87	39	58	57	58	58	58	86	91	63	69	77
May	29.81	29.96	30.02	29.62	66.6	64.7	80.1	77.3	64.7	63.5	67.5	67.3	84.1	66.0	75.0	91	58	64	63	60	62	62	90	94	53	60	74
June	29.78	29.92	29.97	29.57	73.0	71.4	83.7	82.2	71.2	70.1	72.6	72.9	88.4	71.9	80.2	92	66	70	70	67	69	69	92	94	60	65	78
July	29.87	30.01	30.01	29.68	75.7	74.0	87.7	84.3	73.8	72.9	76.1	75.9	91.9	74.8	83.4	98	70	73	72	71	72	72	92	95	59	68	78
August	29.78	29.92	30.00	29.39	75.5	72.9	88.5	85.9	72.7	71.4	74.7	75.3	92.6	74.1	83.4	98	63	71	71	69	71	70	88	93	53	62	74
September	29.84	29.99	30.05	29.59	69.9	66.5	83.8	79.8	66.6	64.6	69.4	69.1	87.8	67.4	77.6	99	52	65	64	61	63	63	84	90	49	59	70
October	29.92	30.07	30.20	29.59	63.6	60.4	78.6	72.1	62.0	59.3	66.6	65.3	81.9	61.9	71.9	90	50	61	58	59	61	60	91	94	54	70	77
November	29.98	30.13	30.49	29.57	57.3	54.6	66.0	62.0	55.2	52.9	58.6	57.7	69.2	54.1	61.6	81	30	53	51	52	54	52	86	88	63	76	78
December	29.89	30.05	30.32	29.09	54.4	52.3	63.1	59.2	52.3	50.9	56.7	55.5	65.6	51.0	58.3	75	32	50	49	51	52	51	86	90	68	79	81
Year	29.87	30.02	30.49	29.00	61.9	59.4	73.1	70.0	59.6	57.9	62.9	62.5	77.3	59.4	68.4	99	10	58	56	56	58	57	87	90	58	66	75

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.27	0.13	5.6	7.2	8.8	W.	27	W.	0	5	7	19	6	4	18	6	0	7	3	1	0	26	0	0	31	18	0
February	.95	.34	17.1	7.0	8.2	E.	27	SW.	0	5	5	19	13	10	20	13	0	4	3	1	0	23	0	0	29	8	0
March	1.04	.33	10.8	6.0	9.6	E.	24	SW.	0	7	13	11	11	9	16	7	0	4	2	2	1	9	0	0	26	0	0
April	1.95	.76	7.0	6.9	9.6	E.	35	W.	1	3	11	16	13	8	8	4	1	2	2	0	0	2	0	0	14	2	0
May	1.67	1.27	.0	4.2	8.4	W.	38	W.	2	14	14	3	8	5	0	0	1	0	0	0	0	0	0	0	0	0	4
June	3.57	1.36	.0	4.1	8.8	E.	35	NW.	1	13	11	6	10	9	0	0	1	0	0	0	0	0	2	0	0	0	7
July	1.11	.43	.0	3.5	8.1	E.	34	N.	2	17	12	2	9	6	0	0	0	0	0	0	0	0	11	4	0	0	7
August	.31	.30	.0	1.7	7.5	E.	27	E.	0	24	7	0	3	2	0	0	1	0	0	0	0	0	13	4	0	0	3
September	1.47	.68	.0	3.2	7.8	E.	26	SW.	0	17	10	3	6	6	0	0	0	1	1	1	0	0	3	1	0	0	3
October	2.30	1.38	.7	5.1	8.5	SW.	32	W.	1	11	10	10	6	6	2	2	0	2	0	0	0	0	0	0	5	0	0
November	.48	.20	8.4	6.2	7.6	W.	26	SW.	0	9	5	16	6	4	15	6	0	2	1	1	2	13	0	0	30	5	0
December	.04	.02	1.4	5.3	8.2	W.	34	SW.	1	11	7	13	2	0	7	2	0	2	1	0	0	12	0	0	28	6	0
Year	15.16	1.38	51.0	5.0	8.4	E.	38	W.	8	136	112	118	93	69	86	40	4	24	13	6	3	85	20	9	163	39	24

HELENA, MONT.

Airport [H=3,893 ft.; H_b=3,898 ft.; H_t=5 ft.; H_r=3 ft.; H_a=35 ft.] City [H=4,090 ft.; H_b=4,124 ft.; H_t=85 ft.; H_r=78 ft.; H_a=111 ft.]

January	0.55	0.10	9.7	7.5	4.9	SW.	25	SW.	0	6	3	22	10	6	20	10	0	9	6	5	4	23	0	0	31	10	0
February	.66	.21	9.6	8.7	6.2	NW.	36	SW.	1	0	7	22	13	4	22	11	0	1	0	0	0	10	0	0	25	1	0
March	.65	.35	5.2	8.3	8.1	SW.	27	SW.	0	2	6	23	5	3	10	3	0	0	0	0	0	1	0	0	16	0	1
April	1.14	.30	1.3	8.8	8.0	SW.	33	SW.	1	1	4	25	13	8	13	5	1	0	0	0	0	0	0	0	11	0	3
May	1.37	.70	T	6.6	8.6	W.	40	SW.	3	4	13	14	9	5	1	0	2	0	0	0	0	0	0	0	1	0	9
June	1.46	.79	.0	6.1	9.0	W.	50	SW.	2	9	6	15	8	4	0	0	0	0	0	0	0	0	4	0	0	0	6
July	1.79	.81	.0	5.4	8.3	W.	43	SW.	5	11	10	10	15	10	0	0	2	0	0	0	0	0	10	2	0	0	18
August	T	T	.0	3.4	8.3	W.	35	SW.	2	17	10	4	0	0	0	0	0	0	0	0	0	0	12	5	0	0	2
September	2.00	.66	.0	7.2	6.9	SW.	43	SW.	5	2	13	15	14	10	9	0	0	7	4	3	2	0	1	0	0	0	10
October	.42	.16	T	7.0	6.9	W.	29	W.	0	7	5	19	5	4	2	0	0	1	1	1	0	0	0	0	5	0	1
November	.36	.20	8.3	7.0	6.3	W.	34	SW.	1	4	9	17	9	2	19	7	0	4	1	1	1	12	0	0	28	7	0
December	.04	.03	.5	6.7	7.0	W.	42	SW.	6	4	11	16	2	0	3	1	0	0	0	0	0	9	0	0	29	6	0
Year	10.44	.81	34.6	6.9	7.4	W.	50	SW.	26	67	97	202	103	56	90	37	5	22	12	10	7	55	27	7	146	24	50

HONOLULU, T. H.

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

January	3.25	1.55	0.0	4.8	8.8	SW.	26	SW.	0	12	12	7	16	10	0	0	0	0	0	0	0	0	0	0	0	0	1
February	.50	.16	.0	4.2	8.0	E.	21	SW.	0	9	19	1	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0
March	1.76	.91	.0	5.1	7.3	NE.	21	SW.	0	10	11	10	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0
April	1.26	.30	.0	4.2	9.0	E.	28	NE.	0	9	20	1	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
May	2.54	.93	.0	6.1	8.8	E.	27	NE.	0	5	16	10	23	14	0	0	0	0	0	0	0	0	0	0	0	0	2
June	.78	.26	.0	5.5	8.9	E.	24	E.	0	6	20	4	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0
July	.43	.24	.0	5.0	9.9	E.	25	E.	0	9	18	4	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0
August	.99	.31	.0	5.3	10.7	E.	27	E.	0	4	24	3	18	8	0	0	0	0	0	0	0	0	0	0	0	0	0
September	.53	.29	.0	5.1	8.9	E.	25	E.	0	10	12	8	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0
October	.85	.50	.0	5.1	8.5	E.	29	E.	0	10	15	6	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0
November	5.35	3.89	.0	6.7	8.2	E.	31	E.	0	5	10	15	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0
December	.41	.10	.0	5.5	8.5	NE.	28	E.	0	7	16	8	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0
Year	18.65	3.89	.0	5.2	8.8	E.	31	E.	0	96	193	77	166	76	0	0	0	0	0	0	0	0	0	0	0	0	3

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=138 ft.; H_t=160 ft.; H_r=149 ft.; H_a=190 ft.]

January	1.53	0.44	3.0	5.5	10.7	N.	34	NW.	2	10	11	10	5	4	1	1	0	8	1	0	0	1	0	0	13	0	1
February	3.18	2.14	.0	6.3	12.1	NW.	31	NW.	0	8	7	14	10	8	0	0	1	7	1	1	1	0	0	0	1	0	2
March	.66	.31	.0	6.1	10.8	SE.	30	NW.	0	9	8	14	8	2	0	0	1	9	1	0	0	0	0	0	0	0	2
April	3.21	1.03	.0	6.8	12.2	SE.	38	SE.	1	6	6	18	8	7	0	0	0	12	3	1	0	0	0	0	0	0	4
May	2.22	.72	.0	5.3	10.5	SE.	37	SE.	1	10	8	13	6	6	0	0	1	5	1	0	0	0	1	0	0	0	5
June	7.21	3.02	.0	5.6	8.8	SE.	30	SE.	0	7	14	9	8	8	0	0	0	6	2	0	1	0	11	0	0	0	7
July	2.79	1.05	.0	6.0	8.3	S.	27	SE.	0	5	16	10	8	7	0	0	0	4	0	0	0	0	23	4	0	0	7
August	.82	.23	.0	4.5	9.6	S.	30	NW.	0	12	14	5	7	6	0	0	0	5	0	0	0	0	24	14	0	0	6
September	2.49	1.81	.0	3.5	9.4	NE.	27	NE.	0	17	9	4	5	5	0	0	0	4	0	0	0	0	11	5	0	0	4
October	4.85	2.30	.0	5.3	9.4	SE.	40	NW.	1	9	11	11	8	8	0	0	0	10	5	2	5	0	0	0	0	0	3
November	9.06	4.70	.0	6.3	11.1	SE.	30	NE.	0	8	5	17	11	8	0	0	0	11	0	2	0	0	0	0	2	0	1
December	5.30	.98	.0	6.8	10.2	SE.	28	NW.	0	7	6	18	13	12	0	0	0	15	2	1	2	0	0	0	0	0	5
Year	43.32	4.70	3.0	5.7	10.3	SE.	40	NW.	5	108	115	143	97	81	1	1	3	96	16	7	9	1	70	23	16	0	47

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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. (1)	In.	In. (1)	In. (1)	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	28.80	30.30	29.21	28.27	2.6	−0.4	10.1	8.4	2.1	−0.7	8.9	7.6	15.3	−5.8	4.8	40	−24	0	−2	5	5	2	89	90	78	84	85
February	28.67	30.13	29.30	27.97	18.0	14.9	21.8	21.9	17.3	14.5	20.5	20.6	27.2	9.0	18.1	45	−14	16	14	17	17	16	91	94	82	81	87
March	28.62	30.06	29.01	28.07	25.6	24.1	30.9	31.0	24.8	23.4	28.8	29.1	34.6	21.2	27.9	55	−3	23	22	25	26	24	90	90	79	81	85
April	28.58	29.99	29.26	28.05	40.0	35.7	49.1	50.8	36.9	33.9	41.3	43.0	54.6	33.6	44.1	80	13	33	31	32	34	32	76	84	54	56	67
May	28.58	29.97	28.93	28.16	52.1	47.5	65.3	68.0	46.7	43.9	52.4	53.8	71.9	44.4	58.2	92	30	42	40	41	41	41	68	78	42	40	57
June	28.51	29.88	28.90	28.20	62.2	59.0	75.4	77.2	56.6	55.1	61.3	62.0	81.5	55.1	68.3	100	46	52	52	52	50	52	73	79	48	46	61
July	28.58	29.94	28.93	28.21	71.9	68.0	84.8	87.5	63.0	61.8	67.4	67.9	92.6	65.1	78.6	110	51	58	58	57	57	57	63	71	42	38	54
August	28.62	29.98	28.97	28.29	66.0	61.1	77.9	79.3	61.3	58.4	64.0	64.2	83.3	59.7	71.5	101	46	58	57	56	55	56	77	86	49	40	64
September	28.64	30.02	29.07	28.31	62.5	56.1	76.1	76.2	55.6	52.5	61.4	60.5	82.0	54.0	68.0	98	29	50	49	51	49	50	65	79	43	40	57
October	28.57	29.96	29.01	28.15	51.0	44.9	64.4	62.4	45.2	41.4	51.6	50.6	69.9	41.5	55.7	83	28	39	37	39	39	39	65	76	42	44	57
November	28.71	30.15	29.29	28.29	26.0	23.6	31.6	29.5	24.3	22.3	28.0	26.8	36.6	19.1	27.8	60	−14	21	20	22	22	21	82	84	68	75	77
December	28.64	30.09	29.35	28.01	22.5	20.5	28.4	27.2	21.4	19.6	26.2	25.7	32.8	16.1	24.4	49	−10	18	17	22	23	20	82	87	77	82	32
Year	28.63	30.04	29.35	27.97	41.7	37.9	51.3	51.6	37.9	35.5	42.6	42.6	56.8	34.4	45.6	110	−24	34	33	35	35	34	77	83	59	59	69

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 3)	(1 3)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.22	30.15	29.60	28.22	12.2	10.4	18.9	16.7	11.7	9.9	17.4	15.8	23.8	9.7	16.8	47	−11	10	8	13	13	11	90	90	77	84	85
February	29.12	30.03	29.62	28.66	28.9	27.7	34.1	32.0	27.8	26.7	31.2	30.0	37.6	26.8	32.2	47	15	26	25	26	27	26	87	89	74	80	82
March	29.09	29.99	29.60	28.74	33.2	31.8	41.3	38.8	31.2	30.2	36.0	34.7	45.5	30.6	38.0	73	13	28	27	28	28	28	81	82	60	67	72
April	29.08	29.97	29.52	28.56	44.3	41.3	54.0	51.7	40.5	38.8	46.2	45.2	58.5	39.8	49.2	82	20	36	36	38	38	37	73	82	57	63	69
May	29.02	29.90	29.33	28.48	53.2	52.4	63.5	61.3	50.5	49.8	54.7	54.7	68.4	50.7	59.6	86	33	48	48	48	50	48	84	84	60	68	74
June	29.07	29.93	29.38	28.66	65.1	66.1	79.3	76.2	62.1	63.0	67.4	66.8	83.6	64.2	73.9	94	47	60	61	61	61	61	85	85	54	62	71
July	29.20	30.06	29.48	28.92	68.9	68.2	84.7	82.6	64.3	64.3	69.0	68.4	88.4	66.9	77.6	103	51	62	62	61	61	61	78	81	45	49	63
August	29.14	30.01	29.38	28.90	69.2	67.0	83.8	80.4	63.7	63.4	68.4	67.1	86.8	67.1	77.0	98	53	61	62	60	60	60	75	82	47	52	64
September	29.22	30.10	29.51	28.76	58.9	54.6	74.7	69.2	54.5	52.4	60.5	58.7	77.7	55.8	66.8	94	38	51	51	51	51	51	77	87	44	54	65
October	29.19	30.07	29.44	28.80	51.4	48.4	68.4	61.4	48.1	46.3	56.2	53.0	71.5	49.5	60.5	84	37	45	44	46	46	45	80	86	47	58	68
November	29.24	30.15	29.58	28.50	37.1	34.7	46.2	41.2	34.5	33.2	40.3	37.2	49.3	34.1	41.7	75	16	31	31	33	32	32	78	86	61	70	74
December	29.20	30.11	29.65	28.60	34.8	32.5	39.9	36.9	33.4	31.6	36.7	34.7	44.6	30.7	37.6	61	5	31	30	32	32	31	87	90	75	81	83
Year	29.15	30.04	29.65	28.22	46.4	44.6	57.4	54.0	43.5	42.5	48.7	47.2	61.3	43.8	52.6	103	−11	41	40	41	42	41	81	85	58	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
January	29.08	30.02	29.58	28.52	----	16.1	22.2	----	----	15.2	19.9	----	24.3	12.4	18.4	42	0	----	12	14	----	13	----	86	69	----	78
February	29.06	30.00	29.58	28.35	----	22.0	30.0	----	----	21.2	27.0	----	33.1	17.4	25.2	53	−1	----	19	22	----	20	----	90	70	----	80
March	29.02	29.95	29.55	28.62	----	24.6	32.7	----	----	23.6	29.3	----	34.2	21.6	27.9	55	5	----	22	23	----	22	----	86	67	----	77
April	29.04	29.97	29.54	28.62	----	38.0	49.5	----	----	35.0	41.0	----	52.2	33.2	42.7	78	23	----	31	30	----	30	----	77	52	----	64
May	29.01	29.91	29.28	28.66	----	53.9	64.9	----	----	50.1	54.5	----	67.7	48.4	58.0	87	33	----	47	46	----	46	----	77	53	----	65
June	29.00	29.89	29.34	28.52	----	62.9	73.0	----	----	58.3	61.6	----	76.2	54.7	65.4	90	39	----	55	54	----	55	----	76	54	----	65
July	29.16	30.04	29.46	28.90	----	66.8	79.0	----	----	62.6	67.0	----	81.8	58.9	70.4	94	45	----	60	60	----	60	----	80	55	----	67
August	29.21	30.11	29.52	28.74	----	62.2	75.9	----	----	59.0	64.3	----	77.9	56.5	67.2	89	35	----	57	57	----	57	----	84	55	----	69
September	29.15	30.06	29.52	28.57	----	53.7	69.1	----	----	51.4	57.8	----	71.0	48.2	59.6	87	34	----	50	50	----	50	----	87	51	----	69
October	29.17	30.09	29.50	28.75	----	41.7	56.0	----	----	39.6	46.7	----	58.5	36.1	47.3	79	19	----	37	37	----	37	----	84	50	----	67
November	29.16	30.09	29.66	28.70	----	36.3	42.8	----	----	33.8	37.1	----	45.3	32.3	38.8	72	15	----	30	30	----	30	----	80	62	----	71
December	29.14	30.08	29.69	28.34	----	30.4	36.4	----	----	28.6	32.9	----	40.1	24.7	32.4	56	0	----	26	27	----	26	----	81	70	----	76
Year	29.10	30.02	29.69	28.34	----	42.4	52.6	----	----	39.9	44.9	----	55.2	37.0	46.1	94	−1	----	37	38	----	37	----	82	59	----	71

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 3)	(1 3)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.09	30.13	30.40	29.56	----	38.3	----	48.2	----	36.1	----	42.5	55.7	35.3	45.5	72	17	----	32	----	34	33	----	79	----	61	70
February	30.00	30.05	30.39	29.58	----	47.6	----	55.1	----	44.7	----	49.3	63.4	45.1	54.2	75	31	----	41	----	43	42	----	80	----	65	72
March	29.96	30.01	30.34	29.37	----	53.9	----	62.4	----	50.9	----	54.5	71.7	51.8	61.8	83	36	----	48	----	47	48	----	80	----	62	71
April	29.98	30.03	30.29	29.62	----	60.4	----	68.0	----	57.0	----	60.4	76.4	56.8	66.6	88	35	----	54	----	55	55	----	81	----	66	73
May	29.92	29.97	30.31	29.62	----	65.6	----	74.5	----	61.8	----	64.8	83.1	62.6	72.8	93	49	----	60	----	59	59	----	81	----	60	71
June	29.99	30.04	30.15	29.72	----	75.8	----	80.3	----	73.1	----	74.3	88.8	72.1	80.4	98	65	----	72	----	72	72	----	88	----	77	82
July	30.04	30.08	30.17	29.89	74.5	77.2	89.2	80.8	72.6	73.9	76.2	74.7	89.8	73.2	81.5	99	68	72	72	71	72	72	92	86	56	76	78
August	29.93	29.98	30.10	29.71	75.6	76.5	89.0	80.0	73.7	74.3	77.1	75.2	90.0	73.9	82.0	95	68	73	74	72	73	73	92	90	59	81	80
September	29.94	29.99	30.10	29.71	70.2	69.6	83.3	74.8	68.0	67.2	71.6	70.2	83.6	68.0	75.8	93	54	67	66	66	68	67	90	88	58	80	79
October	30.02	30.07	30.24	29.78	57.9	57.7	79.0	66.6	56.6	56.6	64.7	62.4	78.6	59.2	68.9	85	51	56	56	56	60	57	93	94	47	80	78
November	30.12	30.17	30.37	29.83	53.9	51.7	71.8	60.0	52.1	50.2	59.8	56.2	72.5	52.4	62.4	84	25	50	49	51	53	51	88	89	48	79	76
December	30.04	30.08	30.37	29.44	55.1	52.5	67.5	59.0	53.6	51.3	59.7	56.0	69.0	53.0	61.0	78	36	52	50	54	54	52	91	92	64	83	82
Year	30.00	30.05	30.40	29.37	----	60.6	----	67.5	----	58.1	----	61.7	76.9	58.6	67.7	99	17	----	56	----	58	57	----	86	----	72	76

[1] Pressure at airport adjusted to the old (city) station elevation: Huron, 1,301 feet; Indianapolis, 823 feet; Jacksonville, 43 feet.
[2] Airport data.
[3] Airport data beginning with July.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

HURON, S. DAK.

Airport [H=1,282 ft.; H_b=1,289 ft.; H_i=26 ft.; H_r=4 ft.; H_a=41 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.04	0.02	2.2	4.8	12.4	NW.	42	NW.	5	11	14	6	3	0	18	3	0	6	2	1	0	29	0	0	31	25	0
February	.86	.19	10.7	7.1	11.2	NW.	37	SE.	2	4	11	14	12	7	20	12	0	16	1	1	1	21	0	0	29	6	0
March	2.14	1.04	20.1	7.6	11.4	NW.	49	NW.	4	5	5	21	15	11	16	11	0	11	4	2	1	12	0	0	31	1	2
April	1.41	.60	T	6.8	15.9	SE.	49	SE.	7	6	8	16	9	7	4	0	0	4	1	1	1	1	0	0	11	0	3
May	.50	.44	.0	4.6	13.3	N.	43	N.	6	13	14	4	4	3	0	0	1	2	1	1	0	0	1	0	2	0	3
June	2.75	1.53	.0	4.3	13.4	NW.	44	NW.	7	14	10	6	11	9	0	0	0	4	0	0	0	0	7	6	0	0	12
July	1.90	.46	.0	4.8	13.5	S	36	S.	6	7	23	1	9	7	0	0	0	1	0	0	0	0	18	12	0	0	12
August	1.80	.86	.0	4.7	12.0	SE.	34	SE.	1	12	12	7	6	4	0	0	0	13	1	1	1	0	11	2	0	0	8
September	.52	.34	.0	4.5	13.5	S.	40	SW.	2	11	14	5	6	3	0	0	0	3	0	0	0	0	7	2	2	0	4
October	.44	.30	.0	5.1	12.8	S.	41	S.	4	11	9	11	5	4	0	0	0	1	0	0	0	0	0	0	4	0	4
November	.70	.24	7.6	6.6	14.2	NW.	46	N.	5	7	10	13	8	6	13	6	0	7	0	0	0	10	0	0	26	5	0
December	.33	.09	5.0	7.3	11.9	S.	38	NW.	3	6	5	20	9	3	12	9	0	12	4	3	3	11	0	0	31	5	0
Year	13.39	1.53	45.6	5.7	13.0	SE.	49	NW.	52	107	135	124	97	64	83	41	1	80	14	10	7	84	44	22	167	42	48

INDIANAPOLIS, IND.

Airport [H=793 ft.; H_b=808 ft.; H_i=5 ft.; H_r=3 ft.; H_a=52 ft.] City [H=718 ft.; H_b=823 ft.; H_i=98 ft.; H_r=96 ft.; H_a=129 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.38	0.93	5.3	6.2	8.5	W.	30	SW.	0	9	7	15	13	5	19	11	0	3	2	2	1	26	0	0	30	8	0
February	2.38	.63	7.9	8.5	8.6	NW.	21	N.	0	1	5	23	15	12	18	9	0	4	2	1	1	6	0	0	23	0	0
March	.90	.37	.3	7.6	9.0	NW.	28	NW.	0	2	11	18	12	6	13	2	1	4	1	0	0	4	0	0	20	0	3
April	6.05	1.90	2.1	7.3	9.9	E.	29	SW.	0	1	13	16	11	9	4	1	0	1	0	0	0	1	0	0	5	0	4
May	4.30	.95	T	7.5	8.5	W.	28	NW.	0	3	7	21	15	14	1	0	0	1	1	1	0	0	0	0	0	0	5
June	1.88	.94	.0	6.2	7.6	SW.	28	NW.	0	6	11	13	11	9	0	0	0	0	0	0	0	0	3	0	0	0	11
July	.90	.41	.0	3.8	7.0	SW.	31	NW.	0	15	13	3	7	5	0	0	0	0	0	0	0	0	15	7	0	0	5
August	2.91	1.59	.0	6.0	6.9	E.	19	N.	0	5	14	12	8	6	0	0	0	0	0	0	0	0	13	4	0	0	5
September	1.06	.57	.0	4.1	6.1	NE.	21	NE.	0	12	13	5	3	2	0	0	0	1	1	0	0	0	3	0	0	0	2
October	1.15	.50	.0	4.3	6.9	SW.	30	NW.	0	14	8	9	10	5	0	0	0	2	1	1	0	0	0	0	0	0	4
November	3.33	1.16	T	7.0	9.2	NW.	37	SW.	1	5	7	18	11	9	4	1	0	5	0	0	0	3	0	0	15	0	0
December	2.58	1.23	T	8.1	8.9	NW.	25	W.	0	3	6	22	9	6	10	0	0	7	1	1	0	1	0	0	15	0	0
Year	28.82	1.90	15.6	6.4	8.1	W.	37	SW.	1	76	115	175	125	88	69	24	1	28	9	6	2	41	34	11	108	8	39

ITHACA, N. Y.

[H=872 ft.; H_b=836 ft.; H_i=77 ft.; H_r=43 ft.; H_a=100 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.72	0.34	5.4	8.1	10.0	NW.	49	SE.	1	3	5	23	13	4	27	12	0	3	0	1	0	27	0	0	30	1	0
February	3.25	1.34	24.6	8.1	9.4	NW.	30	NE.	0	3	5	21	17	11	23	15	0	7	2	1	0	12	0	0	27	1	0
March	3.47	1.23	20.4	7.9	10.5	NW.	32	SE.	1	2	8	21	19	14	19	13	0	5	3	0	2	13	0	0	27	0	1
April	3.59	1.08	2.8	6.8	10.4	NW.	29	NW.	0	5	10	15	16	11	7	6	0	1	0	0	0	1	0	0	15	0	1
May	5.35	1.24	.0	7.1	8.4	SE.	30	S.	0	4	9	18	17	14	0	0	0	4	1	1	2	0	0	0	0	0	4
June	4.37	1.26	.0	6.5	8.1	NW.	23	NW.	0	6	11	13	13	11	0	0	0	5	0	0	0	0	1	0	0	0	8
July	2.87	1.00	.0	5.7	6.1	NW.	19	NW.	0	8	15	8	13	12	0	0	0	11	0	0	0	0	6	0	0	0	10
August	2.73	1.59	.0	6.0	7.5	SE.	21	SE.	0	8	12	11	9	7	0	0	0	3	1	1	1	0	0	0	0	0	3
September	2.79	1.17	.0	6.3	6.5	NW.	23	NW.	0	6	12	12	11	9	0	0	0	5	1	1	2	0	0	0	0	0	2
October	1.87	0.79	T	6.0	7.7	NW.	22	SE.	0	5	11	15	9	7	2	0	0	2	1	2	1	0	0	0	10	0	1
November	1.73	0.63	7.8	8.6	11.4	NW.	40	S.	1	2	5	23	17	9	15	10	0	2	2	1	1	2	0	0	17	0	0
December	2.44	1.26	4.4	8.4	9.8	SE.	27	SE.	0	3	5	23	15	8	14	9	0	2	2	1	1	6	0	0	22	2	0
Year	35.18	1.59	65.4	7.2	8.8	NW.	49	SE.	3	55	108	203	169	117	107	65	0	50	13	9	10	61	7	0	148	4	30

JACKSONVILLE, FLA.

Airport [H=28 ft.; H_b=31 ft.; H_i=4 ft.; H_r=4 ft.; H_a=58 ft.] City [H=18 ft.; H_b=43 ft.; H_i=86 ft.; H_r=78 ft.; H_a=110 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.94	1.12	0.0	5.0	8.6	NW.	30	SW.	0	12	8	11	9	8	0	0	0	3	0	0	0	0	0	0	14	0	2
February	4.28	2.45	.0	5.5	9.8	W.	30	W.	0	8	9	12	9	6	0	0	0	0	0	0	0	0	0	0	1	0	2
March	1.05	.48	.0	5.7	8.6	W.	26	W.	0	8	11	12	9	6	0	0	0	4	2	2	1	0	0	0	0	0	2
April	3.28	2.77	.0	5.1	9.2	SW.	27	W.	0	10	9	11	7	6	0	0	0	2	0	0	0	0	0	0	0	0	4
May	2.28	.93	.0	3.3	8.0	SW.	21	SW.	0	17	11	3	9	8	0	0	0	1	1	1	1	0	4	0	0	0	7
June	9.34	3.42	.0	6.6	7.2	S	33	W.	1	2	14	14	15	14	0	0	0	0	0	0	0	0	11	2	0	0	15
July	8.43	2.13	.0	5.8	6.6	S	30	NW.	0	7	13	11	23	17	0	0	1	0	0	0	0	0	15	4	0	0	17
August	6.59	1.04	.0	6.5	7.6	SW.	24	SW.	0	3	17	11	16	12	0	0	0	0	0	0	0	0	18	1	0	0	12
September	2.87	1.58	.0	6.2	8.1	NE.	23	NE.	0	6	12	12	8	8	0	0	0	1	0	0	0	0	3	0	0	0	5
October	.10	.05	.0	3.6	6.7	NE.	18	NE.	0	18	7	6	2	2	0	0	0	6	6	3	1	0	0	0	0	0	0
November	.29	.10	.0	5.0	7.1	NE.	19	NW	0	8	10	12	7	3	0	0	0	1	0	0	0	0	0	0	2	0	0
December	5.61	2.44	.0	7.2	7.9	NE.	24	W.	0	5	6	20	13	9	0	0	0	8	5	3	2	0	0	0	0	0	2
Year	47.06	3.42	.0	5.5	7.9	S.	33	W.	1	104	127	135	127	99	0	0	1	26	14	9	5	0	51	7	17	0	69

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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	27.05	30.25	27.48	26.61	20.0	18.6	20.5	23.8	19.0	17.8	19.5	22.0	26.9	13.8	20.4	41	−7	17	16	17	18	17	88	90	87	78	86
February	26.85	29.98	27.20	26.41	29.3	26.9	30.6	33.6	27.6	25.7	28.6	30.8	36.3	24.1	30.2	46	5	25	24	26	27	25	83	87	81	76	82
March	26.90	29.96	27.32	26.31	38.6	34.2	42.2	46.0	34.4	31.9	36.8	38.5	48.5	31.9	40.2	65	20	29	28	30	29	29	69	79	63	56	67
April	26.93	30.00	27.52	26.64	43.2	37.8	48.3	51.5	38.3	35.1	41.0	41.8	54.8	35.1	45.0	73	12	32	32	32	30	32	66	78	56	47	62
May	26.94	29.98	27.25	26.56	51.3	44.4	61.7	67.1	45.1	40.9	50.1	50.4	69.5	42.4	56.0	85	32	39	37	40	34	37	64	76	46	33	55
June	26.93	29.93	27.18	26.66	59.9	51.6	68.5	74.3	49.7	45.8	53.7	54.7	76.1	49.8	63.0	94	41	41	40	41	38	40	53	68	39	31	48
July	26.93	29.92	27.10	26.72	64.6	55.3	74.5	79.8	55.3	50.5	60.1	59.5	82.4	53.9	68.2	100	46	48	46	51	45	48	58	73	46	33	53
August	26.95	29.94	27.20	26.73	63.4	52.7	73.1	81.6	51.0	45.8	56.8	58.1	82.8	50.6	66.7	94	43	40	39	45	42	42	44	61	37	26	42
September	26.95	29.96	27.16	26.68	57.3	51.9	63.8	69.5	52.7	48.9	55.6	58.1	71.8	49.8	60.8	86	40	49	46	50	51	49	76	82	62	54	69
October	26.96	30.02	27.32	26.62	45.7	42.5	51.5	54.6	42.8	40.5	46.4	48.0	57.5	39.3	48.4	73	32	40	38	42	42	41	81	86	70	64	75
November	27.06	30.24	27.56	26.65	24.3	22.9	26.6	28.7	23.2	21.4	25.0	26.1	31.7	18.9	25.3	48	0	21	19	22	24	22	87	86	82	82	84
December	26.94	30.08	27.30	26.33	28.6	26.5	29.5	31.5	27.0	25.2	27.7	29.2	34.4	23.8	29.1	54	−1	24	23	25	26	24	83	84	81	78	81
Year	26.95	30.02	27.56	26.31	43.8	38.8	49.2	53.5	38.8	35.8	41.8	43.2	56.1	36.1	46.1	100	−7	34	32	35	34	34	71	79	62	55	67

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	29.18	30.28	29.59	28.43	11.1	8.8	17.0	16.7	10.2	7.9	14.8	15.0	21.6	4.1	12.8	37	−12	6	3	7	9	6	78	76	62	70	72
February	28.98	30.05	29.60	28.44	31.0	28.6	34.9	35.5	29.0	27.0	31.4	32.4	39.8	25.7	32.8	66	10	26	24	26	28	26	80	82	70	73	76
March	28.92	29.88	29.42	28.31	39.8	35.8	45.5	47.8	35.8	33.0	38.6	40.4	51.4	34.0	42.7	86	20	30	29	30	32	30	70	76	58	57	65
April	28.90	29.94	29.55	28.41	51.7	46.0	58.0	59.2	45.4	42.1	48.1	48.7	63.9	44.1	54.0	91	23	39	38	38	38	38	64	75	51	50	60
May	28.91	29.94	29.24	28.64	59.5	55.5	69.1	70.4	53.7	51.6	56.6	57.7	74.2	53.0	63.6	90	40	49	48	46	48	48	70	78	47	48	61
June	28.90	29.90	29.24	28.54	71.6	67.7	79.3	81.5	64.8	63.2	66.7	67.8	84.5	64.9	74.7	93	55	61	61	59	60	60	70	79	54	52	64
July	28.99	29.99	29.28	28.70	77.7	72.3	87.6	89.5	68.4	66.5	71.2	71.0	92.3	70.8	81.6	102	56	64	63	63	62	63	63	74	45	41	56
August	28.97	29.97	29.27	28.68	72.9	69.3	81.2	80.6	67.2	65.9	69.1	69.2	85.2	67.4	76.3	101	52	64	64	63	63	64	76	85	56	58	69
September	29.06	30.07	29.36	28.76	65.8	61.0	77.3	75.9	60.4	58.1	63.9	63.7	80.8	59.3	70.0	94	37	57	56	55	56	56	74	84	48	51	64
October	28.99	30.02	29.37	28.62	60.8	56.7	72.2	70.3	53.8	52.0	58.4	58.0	77.5	53.3	65.4	89	35	48	48	48	49	48	66	75	46	49	59
November	29.09	30.15	29.64	28.29	39.1	35.6	44.3	43.6	35.8	32.9	38.9	38.3	50.5	31.2	40.8	77	8	31	29	32	31	31	75	78	64	64	70
December	29.04	30.11	29.55	28.49	35.2	32.7	40.4	39.4	32.6	30.8	35.9	35.6	44.9	29.6	37.2	67	11	29	28	30	30	29	78	83	69	72	75
Year	28.99	30.03	29.64	28.29	51.4	47.5	58.9	59.2	46.4	44.2	49.5	49.8	63.9	44.8	54.3	102	−12	42	41	41	42	42	72	79	56	57	66

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
						(2)																					
January	29.52	30.22	29.88	28.44	----	7.8	15.3	15.4	----	7.1	13.5	13.9	20.2	4.1	12.2	39	−13	----	4	6	9	6	----	84	66	74	75
February	29.38	30.06	30.03	28.85	----	26.3	32.3	31.6	----	25.0	29.4	29.0	35.2	23.2	29.2	50	−1	----	23	24	25	24	----	84	71	74	76
March	29.33	30.01	29.90	28.87	----	31.6	40.3	41.2	----	29.4	34.4	35.5	44.3	29.7	37.0	76	14	----	26	26	28	27	----	78	57	60	65
April	29.30	29.96	29.82	28.81	----	43.4	55.3	56.0	----	40.2	45.4	46.4	60.2	41.2	50.7	83	21	----	36	34	36	35	----	76	48	50	58
May	29.26	29.91	29.64	28.93	----	53.6	66.1	67.0	----	49.2	54.4	55.4	70.7	50.9	60.8	89	35	----	45	44	46	45	----	74	48	49	57
June	29.26	29.90	29.58	28.95	----	67.4	80.5	80.9	----	62.1	66.2	67.1	84.2	65.2	74.7	92	55	----	59	58	59	59	----	75	48	50	58
July	29.38	30.03	29.67	29.05	----	70.6	84.8	86.8	----	64.7	69.0	69.8	89.6	67.8	78.7	104	55	----	61	60	61	61	----	73	45	43	54
August	29.35	30.00	29.60	29.07	----	67.7	78.3	77.5	----	64.6	68.4	68.9	83.1	66.0	74.6	101	54	----	63	63	64	63	----	85	62	66	71
September	29.44	30.09	29.76	29.07	----	58.1	76.4	74.5	----	54.6	61.5	61.4	79.5	56.6	68.0	93	41	----	52	51	52	52	----	80	42	47	56
October	29.40	30.05	29.70	29.07	----	53.8	69.0	----	----	49.5	56.2	----	72.5	51.2	61.8	85	38	----	46	46	----	46	----	75	46	----	60
November	29.46	30.14	29.95	28.51	----	34.9	42.2	----	----	32.0	36.1	----	48.2	30.6	39.4	73	5	----	28	27	----	28	----	75	56	----	66
December	29.43	30.11	29.94	28.92	----	31.0	36.8	----	----	29.2	32.9	----	41.8	28.9	35.4	68	0	----	26	27	----	26	----	80	67	----	74
Year	29.38	30.04	30.03	28.44	----	45.5	56.4	59.0	----	42.3	47.3	49.7	60.8	43.0	51.9	104	−13	----	39	39	42	39	----	78	55	57	64

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 3)	(3)	(1 3)	(1 3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
January	30.07	30.09	30.39	29.86	63.6	61.5	67.9	64.2	59.9	58.8	61.7	59.9	71.3	59.4	65.4	81	43	57	57	57	57	57	80	84	70	77	78
February	30.02	30.04	30.33	29.76	63.5	62.3	68.7	65.2	60.3	59.2	62.6	61.4	72.0	60.5	66.2	81	50	58	57	59	59	58	83	83	71	80	79
March	29.97	29.99	30.19	29.62	68.8	67.9	73.1	69.8	65.6	65.1	67.3	65.8	76.5	65.5	71.0	84	56	64	63	64	63	64	84	86	74	81	81
April	29.99	30.01	30.19	29.81	72.1	72.6	76.7	73.3	67.8	67.6	69.1	67.7	80.1	69.1	74.6	86	57	65	65	65	65	80	77	68	75	75	75
May	29.95	29.97	30.22	27.78	75.0	76.8	80.9	76.7	70.1	71.3	72.1	70.7	83.8	72.4	78.1	89	66	68	69	68	68	68	78	76	66	75	74
June	29.98	30.00	30.12	29.90	80.9	81.9	84.5	82.2	77.0	77.1	78.2	76.9	87.9	78.5	83.2	92	73	76	76	75	75	75	84	80	76	79	80
July	30.02	30.04	30.13	29.93	83.0	83.8	85.6	84.1	77.8	78.2	79.1	78.2	89.9	78.8	84.4	92	73	76	76	77	76	76	79	78	75	77	77
August	29.96	29.98	30.07	29.87	82.3	83.5	85.8	83.5	77.3	77.7	78.5	77.3	89.4	78.4	83.9	93	75	75	75	76	75	75	80	77	73	76	76
September	29.87	29.89	30.00	29.72	80.5	80.7	83.1	80.6	76.7	76.8	77.3	76.4	86.9	76.0	81.4	92	71	75	75	75	75	75	84	84	73	82	82
October	29.97	29.99	30.11	29.81	75.6	75.5	80.4	76.5	71.0	70.9	72.2	70.7	82.4	73.1	77.8	86	64	69	69	68	68	68	80	80	67	75	75
November	30.04	30.07	30.23	29.89	71.9	71.3	76.3	72.9	68.0	67.6	69.0	68.1	79.8	69.0	74.4	85	56	66	66	65	66	66	81	83	69	78	78
December	29.99	30.01	30.24	29.51	71.8	71.3	75.6	72.5	68.7	68.2	69.9	68.7	78.8	68.9	73.8	84	60	67	67	67	67	67	86	85	76	83	82
Year	29.99	30.01	30.39	29.51	74.1	74.1	78.2	75.1	70.0	69.9	71.4	70.2	81.6	70.8	76.2	93	43	68	68	68	68	68	82	81	72	78	78

[1] Pressure at airport adjusted to the old (city) station elevation: Kansas City, 963 feet; Key West, 21 feet.
[2] Observation taken at 8:30 a. m. beginning with October.
[3] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

KALISPELL, MONT.

[H=2,956 ft.; H_b=2,973 ft.; H_t=48 ft.; H_r=40 ft.; H_a=056 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind					Number of days																
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall		Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																					
January	0.58	0.10	9.0	7.8	4.4	NW.	21	NE.	0	5	2	24	14	7	20	13	0	12	5	4	2	20	0	0	30	5	0
February	2.13	.46	16.6	8.9	4.3	W.	17	SW.	0	1	2	26	19	11	20	13	0	10	2	1	1	6	0	0	23	0	0
March	1.10	.38	2.3	8.0	5.3	W.	17	SW.	0	1	8	22	13	9	10	3	0	3	1	0	0	0	0	0	16	0	0
April	1.49	.40	3.5	7.6	6.2	W.	23	N.	0	3	9	18	15	10	2	1	0	2	1	0	0	0	0	0	7	0	1
May	1.08	.37	.0	5.6	6.4	W.	29	SW.	0	9	10	12	12	9	0	0	1	0	0	0	0	0	0	0	0	0	6
June	.83	.25	.0	5.5	6.3	W.	23	W.	0	8	13	9	7	6	0	0	0	0	0	0	0	0	3	0	0	0	5
July	2.26	1.15	.0	5.2	5.7	W.	29	S.	0	6	20	5	11	5	0	0	0	1	0	0	0	0	3	1	0	0	10
August	.02	.01	.0	3.2	6.3	W.	19	W.	0	21	9	1	2	0	0	0	0	0	0	0	0	0	6	0	0	0	2
September	1.69	.48	.0	6.3	5.1	W.	21	SW.	0	8	7	15	11	9	0	0	0	0	0	0	0	0	0	0	0	0	3
October	1.05	.25	.0	7.6	4.9	W.	17	W.	0	3	7	21	13	12	0	0	0	3	1	0	0	0	0	0	0	0	0
November	2.02	.37	15.4	8.8	4.1	W.	18	N.	0	1	5	24	14	12	21	14	0	14	6	5	1	15	0	0	29	0	0
December	.81	.39	4.5	8.5	4.1	W.	24	SW.	0	1	3	27	14	8	19	8	0	7	5	2	2	9	0	0	22	1	0
Year	15.06	1.15	51.3	6.9	5.3	W.	29	S.	0	67	95	204	145	98	92	52	1	52	21	12	6	50	12	1	127	6	27

KANSAS CITY, MO.

Airport [H=741 ft.; H_b=750 ft.; H_t=38 ft.; H_r=3 ft.; H_a=76 ft.]

January	1.26	0.66	12.8	5.5	9.6	NW.	33	NW.	1	11	7	13	9	6	13	9	0	11	3	4	4	25	0	0	31	12	0
February	1.07	.46	4.0	7.4	11.0	N.	26	NW.	0	4	7	18	7	6	11	6	0	8	0	0	0	4	0	0	22	0	0
March	1.95	1.23	.6	7.4	12.8	NE.	50	SW.	1	3	11	17	7	4	11	2	1	5	0	0	0	1	0	0	14	0	3
April	4.21	1.93	.8	6.5	12.6	NE.	36	W.	2	6	8	16	11	8	1	1	0	5	1	0	0	0	1	0	2	0	2
May	4.33	1.77	.0	4.9	10.1	NW.	30	NW.	0	11	12	8	8	8	0	0	2	5	3	2	1	0	1	0	0	0	7
June	3.84	1.17	.0	6.3	10.4	SW.	34	NW.	1	4	15	11	8	8	0	0	0	1	0	0	0	0	5	0	0	0	6
July	.60	.49	.0	3.8	10.5	S.	26	SW.	0	16	11	4	4	2	0	0	0	0	0	0	0	0	20	13	0	0	5
August	6.48	2.12	.0	5.7	8.3	NE.	40	NW.	2	9	11	11	12	8	0	0	1	6	2	1	1	0	8	3	0	0	11
September	1.30	.82	.0	4.7	8.0	SW.	28	NW.	0	10	12	8	4	3	0	0	0	3	0	1	1	0	5	0	0	0	2
October	1.68	.67	.0	4.5	9.6	SW.	29	SW.	0	14	6	11	6	4	0	0	0	5	2	1	2	0	0	0	0	0	3
November	3.95	1.60	2.6	6.0	11.5	SW.	34	W.	4	9	8	13	11	9	4	2	0	6	4	3	2	3	0	0	17	0	1
December	1.68	.68	1.2	6.8	10.1	SW.	37	SW.	1	7	4	20	9	5	10	3	0	8	2	1	2	4	0	0	17	0	1
Year	32.55	21.2	22.0	5.8	10.4	SW.	50	SW.	12	104	112	150	96	71	50	23	4	63	17	13	13	37	40	16	103	12	41

KEOKUK, IOWA

[H=574 ft; H_b=614 ft.; H_t=64 ft.; H_r=56 ft.; H_a=78 ft.]

January	0.91	0.48	12.1	5.5	8.0	W.	30	NW.	0	9	11	11	10	4	16	9	0	4	2	2	1	26	0	0	31	12	0
February	.72	.30	2.5	7.6	7.7	N.	19	NW.	0	6	2	21	9	5	15	7	0	4	2	1	0	8	0	0	28	1	0
March	1.55	.81	T	7.7	8.6	N.	30	SW.	0	4	9	18	9	6	9	1	0	5	1	0	0	6	0	0	21	0	3
April	2.61	.76	T	6.9	9.1	N.	26	SW.	0	5	9	16	14	11	2	0	0	1	0	0	0	0	0	0	3	0	4
May	1.28	.69	T	5.9	8.0	NW.	26	NW.	0	8	11	12	6	5	1	0	0	1	1	0	0	0	0	0	0	0	4
June	2.18	.89	.0	5.9	7.5	SW.	34	SW.	1	5	17	8	7	6	0	0	0	4	0	0	0	0	6	0	0	0	10
July	2.70	1.79	.0	3.7	6.3	SW.	26	W.	0	17	10	4	5	5	0	0	0	0	0	0	0	0	15	8	0	0	5
August	6.11	2.17	.0	6.1	5.7	E.	22	SW.	0	9	7	15	17	11	0	0	0	4	1	0	0	0	6	3	0	0	12
September	.04	.04	.0	3.0	5.4	SW.	19	SW.	0	20	4	6	1	1	0	0	0	0	0	0	0	0	5	0	0	0	0
October	3.14	.95	.0	3.5	6.3	SW.	26	NW.	0	16	10	5	7	6	0	0	0	2	0	0	0	0	0	0	0	0	4
November	1.70	.56	3.8	6.0	8.9	NW.	41	W.	1	10	6	14	10	7	3	1	0	5	2	0	0	5	0	0	15	0	0
December	1.84	1.04	.1	6.8	7.8	SW.	25	SW.	0	9	3	19	7	5	7	2	0	10	4	3	3	5	0	0	17	1	0
Year	24.78	2.17	18.5	5.7	7.4	SW.	41	W.	2	118	99	149	102	72	53	20	0	40	13	6	4	50	32	11	115	14	42

KEY WEST, FLA.

Airport [H=11 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.]

January	0.62	0.38	0.0	5.6	9.9	N.	32	NW.	1	9	9	13	4	3	0	0	0	0	0	0	0	0	0	0	0	0	2
February	1.56	.77	.0	3.9	12.0	N.	31	NW.	0	12	13	4	5	3	0	0	0	0	0	0	0	0	0	0	0	0	2
March	2.72	2.07	.0	4.9	10.5	E.	35	W.	1	10	13	8	7	3	0	0	0	0	0	0	0	0	0	0	0	0	4
April	2.48	1.79	.0	3.6	10.9	E.	34	NW.	1	18	7	5	3	3	0	0	0	0	0	0	0	0	0	0	0	0	2
May	1.93	1.30	.0	4.4	9.5	E.	22	NW.	0	11	13	7	5	3	0	0	0	0	0	0	0	0	0	0	0	0	2
June	1.10	.60	.0	4.8	9.8	E.	24	S.	0	11	13	6	8	6	0	0	0	0	0	0	0	0	8	0	0	0	5
July	4.59	1.91	.0	5.2	7.8	E.	34	S.	1	7	21	3	14	11	0	0	0	0	0	0	0	0	16	0	0	0	20
August	5.75	1.79	.0	5.5	7.0	E.	32	W.	1	8	13	10	16	14	0	0	0	0	0	0	0	0	14	0	0	0	15
September	11.88	2.87	.0	6.1	8.7	E.	27	SW.	0	7	10	13	22	18	0	0	0	0	0	0	0	0	3	0	0	0	17
October	1.86	1.74	.0	3.2	9.4	NE.	19	E.	0	21	8	2	5	3	0	0	0	0	0	0	0	0	0	0	0	0	2
November	.76	.33	.0	3.7	10.6	E.	30	NW.	0	18	7	5	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0
December	6.25	2.49	.0	4.6	10.6	E.	42	W.	2	13	10	8	11	8	0	0	0	0	0	0	0	0	0	0	0	0	5
Year	41.50	2.87	.0	4.6	9.7	E.	42	W.	7	145	137	84	107	80	0	0	0	0	0	0	0	0	41	0	0	0	76

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.07	30.18	29.38	28.45	23.4	20.2	31.8	28.4	21.5	19.0	27.5	25.1	34.5	18.9	26.7	58	−3	17	16	19	18	17	76	82	57	63	70
February	28.94	30.02	29.40	28.43	35.8	33.7	45.4	41.1	33.5	31.9	39.3	37.3	48.4	31.9	40.2	64	17	30	29	31	32	30	79	82	59	70	72
March	28.93	30.01	29.36	28.46	42.3	39.6	53.0	49.5	39.1	36.8	44.6	43.1	56.5	38.0	47.2	77	18	35	34	35	35	35	76	82	53	61	68
April	28.92	29.98	29.26	28.48	53.3	50.1	63.7	60.9	47.4	46.4	52.4	51.2	67.8	47.7	57.8	88	27	42	43	42	42	42	66	76	50	53	61
May	28.89	29.93	29.23	28.48	58.5	57.7	73.5	70.4	53.3	53.2	58.8	58.0	77.2	53.6	65.4	93	40	49	50	48	56	53	73	76	43	49	60
June	28.97	30.00	29.15	28.68	68.6	69.3	83.6	78.9	65.1	65.5	69.7	68.6	85.8	65.3	75.6	93	55	63	64	63	63	63	84	82	50	61	69
July	29.05	30.09	29.24	28.86	69.6	69.5	83.9	78.6	67.1	66.9	71.2	70.5	86.4	67.5	77.0	97	60	66	66	66	67	66	88	88	56	69	75
August	28.97	30.01	29.16	28.76	70.3	69.0	83.6	78.9	67.8	66.8	71.4	70.9	86.7	68.1	77.4	95	62	66	66	66	67	66	88	89	57	69	76
September	29.02	30.06	29.22	28.62	61.5	57.7	78.7	72.6	58.1	56.0	63.2	61.3	82.0	57.3	69.6	94	43	56	55	53	54	54	82	90	42	52	67
October	29.05	30.11	29.28	28.70	52.8	47.7	72.2	63.9	50.2	46.6	57.6	54.9	74.4	48.2	61.3	85	41	48	46	46	48	47	84	92	42	58	69
November	29.12	30.20	29.46	28.62	43.3	39.8	55.2	51.2	40.0	37.6	46.8	45.0	57.8	39.4	48.6	76	20	36	35	37	38	36	74	82	53	61	67
December	29.04	30.12	29.43	28.32	41.2	39.1	51.8	47.6	39.4	37.8	45.5	43.5	55.3	37.0	46.2	68	20	37	36	38	39	38	86	88	62	72	77
Year	29.00	30.06	29.46	28.32	51.7	49.4	64.7	60.2	48.5	47.0	54.0	52.4	67.7	47.7	57.8	97	−3	45	45	45	47	46	80	84	52	62	69

LA CROSSE, WIS.

Airport [ϕ=43°56′ N.; λ=91°17′ W.] City [ϕ=43°49′ N.; λ=91°15′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
	(1 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	29.35	30.18	29.70	28.58	7.2	4.5	13.3	11.0	6.6	4.1	12.0	10.2	18.1	3.6	10.8	33	−19	4	2	8	7	5	86	91	77	82	84
February	29.29	30.10	29.93	28.57	20.8	17.5	26.4	24.6	19.5	16.6	24.1	22.8	31.1	16.7	23.9	43	−15	16	14	19	19	17	81	86	72	77	79
March	29.24	30.05	29.76	28.50	23.6	19.8	30.8	28.7	22.3	18.7	27.2	26.2	35.4	21.4	28.4	65	2	19	16	20	22	19	82	85	64	72	76
April	29.22	30.01	29.69	28.68	39.5	36.4	49.8	48.6	35.9	34.0	41.6	41.3	54.6	35.4	45.0	74	20	31	31	31	33	31	72	79	52	56	65
May	29.13	29.90	29.46	28.74	49.7	48.4	63.5	62.5	46.4	45.8	53.1	52.5	67.9	46.8	57.4	90	33	43	43	44	44	44	79	82	53	54	67
June	29.11	29.87	29.53	28.70	63.8	62.1	74.9	73.9	59.6	58.6	64.4	63.9	79.4	59.7	69.6	93	47	57	56	58	58	57	80	82	58	60	70
July	29.26	30.02	29.57	28.87	68.6	68.0	81.5	80.1	64.0	63.6	68.8	69.0	85.0	65.2	75.1	99	51	62	61	62	63	62	80	80	53	58	68
August	29.25	30.02	29.58	28.99	63.7	62.3	74.5	72.3	61.4	60.5	65.7	65.2	77.1	61.1	69.1	89	48	60	59	61	61	60	88	90	64	70	78
September	29.32	30.09	29.70	28.92	57.5	54.3	71.7	67.1	54.9	52.2	60.5	59.9	74.3	53.7	64.0	87	37	53	50	53	54	53	85	88	52	65	73
October	29.26	30.03	29.60	28.92	49.1	44.9	59.9	55.6	46.0	43.0	51.3	49.6	64.1	43.8	54.0	78	33	43	41	44	44	43	80	86	56	66	72
November	29.30	30.09	29.84	27.97	30.0	27.9	35.0	31.8	28.4	26.6	31.9	29.5	39.7	24.2	32.0	65	3	26	24	27	26	26	85	87	74	79	81
December	29.30	30.10	29.96	28.71	23.3	21.9	26.8	25.6	22.2	21.0	25.1	24.3	31.7	19.1	25.4	46	−19	20	19	22	21	20	86	88	80	83	84
Year	29.25	30.04	29.96	27.97	41.4	39.0	50.7	48.5	38.9	37.1	43.8	42.9	54.9	37.6	46.2	99	−19	36	35	37	38	36	82	85	63	68	75

LANDER, WYO.

[ϕ=42°50′ N.; λ=108°45′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	24.66	30.25	24.97	24.30	11.0	6.6	17.9	19.5	10.0	5.9	15.7	17.3	26.0	2.4	14.2	49	−23	8	3	11	13	9	86	86	76	76	81
February	24.55	30.00	24.86	24.17	22.8	18.4	30.5	33.5	20.7	16.8	26.2	28.5	37.5	13.4	25.4	58	−1	18	13	20	21	18	80	80	63	59	70
March	24.55	29.91	24.92	24.14	36.7	29.6	44.2	48.5	29.8	26.3	35.5	37.8	51.6	25.5	38.6	67	4	20	21	24	24	23	54	70	49	42	54
April	24.59	29.92	25.10	24.23	40.3	35.7	47.5	51.1	35.6	33.0	39.2	41.0	54.6	32.6	43.6	71	14	30	30	30	30	30	68	80	55	48	63
May	24.68	29.93	24.97	24.29	52.8	44.0	63.1	67.7	43.4	39.1	48.2	49.8	70.7	42.0	56.4	85	31	34	34	34	33	34	51	69	37	31	47
June	24.66	29.85	24.91	24.28	62.2	53.3	74.5	79.2	49.0	46.5	55.5	56.1	82.3	50.3	66.3	97	36	38	41	42	39	40	44	64	33	26	42
July	24.72	29.88	24.89	24.40	68.3	58.5	80.4	83.9	54.2	50.7	59.4	60.0	88.7	56.6	72.6	99	50	44	44	46	44	44	44	62	32	28	41
August	24.74	29.92	25.00	24.52	66.9	56.1	76.9	81.1	52.6	48.7	57.0	58.2	85.5	54.1	69.8	95	47	42	42	43	42	42	42	62	32	27	41
September	24.71	29.94	24.94	24.49	59.5	51.4	68.3	70.9	50.8	46.9	54.3	55.2	75.2	48.5	61.8	91	40	44	43	44	44	44	60	75	45	41	55
October	24.69	29.99	25.06	24.16	45.5	39.6	57.2	59.3	39.3	36.3	44.8	46.4	64.2	35.8	50.0	77	22	33	33	32	34	33	62	77	40	41	55
November	24.69	30.20	25.06	24.28	20.7	18.0	28.6	28.8	18.9	16.8	24.8	25.3	35.9	12.5	24.2	63	−8	16	14	19	20	18	84	84	69	72	77
December	24.64	30.14	24.91	24.19	19.4	17.1	26.5	27.7	17.8	15.5	22.9	24.0	35.9	11.8	23.8	58	−13	15	13	17	18	16	83	84	68	70	76
Year	24.66	30.00	25.10	24.14	42.1	35.7	51.3	54.3	35.2	31.9	40.3	41.6	59.0	32.1	45.6	99	−23	28	28	30	30	29	63	74	50	47	58

LANSING, MICH.

Airport [ϕ=42°47′ N.; λ=84°35′ W.] City [ϕ=42°44′ N.; λ=84°29′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
	(1 3)	(3)	(1 3)	(1 3)	(3)	(3)	(3)	(4)	(3)	(3)	(3)	(4)						(3)	(3)	(3)	(4)		(3)	(3)	(3)	(4)	
January	29.06	30.04	29.52	28.07	----	15.8	21.9	19.0	----	15.3	20.6	18.2	23.9	12.1	18.0	42	−11	----	14	18	16	15	----	92	82	87	89
February	29.07	30.04	29.54	28.54	----	20.8	29.8	27.6	----	20.3	27.1	26.0	31.3	18.0	24.6	38	3	----	19	22	23	21	----	92	71	82	87
March	29.02	30.00	29.45	28.61	----	23.2	32.0	29.0	----	22.4	29.1	27.1	33.7	20.5	27.1	62	2	----	21	24	24	22	----	90	72	79	84
April	29.04	30.00	29.53	28.59	----	36.7	49.8	45.5	----	33.9	41.9	39.8	52.1	32.1	42.1	74	20	----	30	32	32	31	----	76	53	62	69
May	28.94	29.88	29.30	28.37	----	49.8	61.3	57.8	----	47.5	53.2	51.6	64.2	45.3	54.8	85	32	----	45	47	47	46	----	85	62	68	77
June	28.97	29.89	29.36	28.45	----	61.7	72.7	70.8	----	58.7	64.3	63.9	75.6	57.3	66.4	88	42	----	57	59	60	58	----	84	65	70	77
July	29.14	30.06	29.42	28.74	----	64.7	80.2	77.6	----	62.0	68.0	66.6	81.9	60.4	71.2	97	46	----	60	62	61	61	----	86	54	57	72
August	29.13	30.06	29.39	28.81	----	62.7	75.7	70.6	----	61.0	65.6	63.5	77.5	59.5	68.5	90	46	----	60	60	59	60	----	91	60	70	80
September	29.16	30.10	29.53	28.66	----	54.0	67.7	61.6	----	52.8	59.6	57.0	69.2	51.3	60.4	85	34	----	52	54	54	53	----	92	63	76	84
October	29.14	30.10	29.40	28.81	46.1	43.6	58.0	51.0	44.0	42.2	50.1	47.2	59.1	41.5	50.3	79	30	42	41	43	44	42	86	90	69	77	78
November	29.12	30.10	29.50	28.23	34.0	33.0	39.4	35.5	32.4	31.6	35.7	33.2	42.6	29.3	36.0	62	13	30	29	30	30	30	85	87	70	80	81
December	29.12	30.10	29.67	28.52	28.7	28.1	31.8	30.0	27.9	27.3	30.2	28.7	35.1	25.4	30.2	52	3	27	26	28	27	27	91	91	84	87	88
Year	29.08	30.03	29.67	28.07	----	41.2	51.7	48.0	----	39.6	45.4	43.6	53.8	37.7	45.8	97	−11	----	38	40	40	39	----	88	66	75	80

[1] Pressure at airport adjusted to the old (city) station elevation: Knoxville, 995 feet; La Crosse, 714 feet; Lansing, 878 feet.
[2] Airport data. [3] Airport data beginning with October. [4] Airport data beginning with July.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

KNOXVILLE, TENN.

Airport [H=950 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=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 of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	2.31	0.84	13.6	5.0	5.9	W.	23	W.	0	13	5	13	11	6	12	9	0	7	7	4	0	11	0	0	26	2	0
February	3.47	.77	T	6.9	6.7	W.	22	NE.	0	6	8	15	15	12	8	3	0	11	6	3	0	0	0	0	13	0	0
March	5.09	1.22	6.1	5.7	6.5	NE.	24	NW.	0	11	7	13	9	9	5	1	0	7	4	1	0	0	0	0	7	0	2
April	4.28	1.31	T	5.9	6.9	W.	21	W.	0	9	9	12	10	7	2	0	0	6	2	1	0	0	0	0	2	0	3
May	5.13	1.87	.0	4.1	5.7	W.	25	W.	0	14	11	6	16	9	0	0	1	4	1	1	1	0	2	0	0	0	5
June	4.48	1.70	.0	4.2	5.3	SW.	20	NW.	0	11	15	4	9	8	0	0	0	5	3	0	0	0	7	0	0	0	10
July	2.46	.87	.0	5.9	4.8	NE.	27	NW.	0	7	13	11	13	10	0	0	0	13	3	0	0	0	12	5	0	0	9
August	5.25	2.28	.0	5.0	5.4	NE.	25	NW.	0	11	12	8	10	8	0	0	0	17	6	1	1	0	11	1	0	0	6
September	1.17	1.05	.0	1.9	4.6	NE.	18	NE.	0	24	3	3	3	3	0	0	0	19	6	2	0	0	5	0	0	0	2
October	2.12	1.21	.0	2.5	4.0	NE.	17	SW.	0	22	5	4	6	5	0	0	0	21	13	3	1	0	0	0	0	0	1
November	1.76	.41	T	5.4	5.7	NE.	23	SW.	0	11	7	12	7	7	3	0	0	6	2	2	1	1	0	0	10	0	0
December	2.90	1.87	.0	6.1	5.5	NE.	20	SW.	0	9	8	14	11	9	0	0	0	5	4	2	2	0	0	0	10	0	0
Year	40.42	2.28	19.7	4.9	5.6	NE.	27	NW.	0	148	103	115	114	93	30	13	1	121	57	20	6	12	37	6	68	2	38

LA CROSSE, WIS.

Airport [H=665 ft.; H_b=672 ft.; H_t=5 ft.; H_r=3 ft.; H_a=82 ft.] City [H=674 ft.; H_b=714 ft.; H_t=11 ft.; H_r=3 ft.; H_a=48 ft.]

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.61	0.54	8.3	6.3	5.6	W.	21	NW.	0	8	8	15	6	2	18	6	0	15	0	0	0	30	0	0	31	14	0
February	.95	.53	10.3	7.1	5.5	N.	17	NW.	0	7	2	20	10	4	15	8	0	14	0	0	0	14	0	0	27	2	0
March	1.85	.79	18.3	6.7	5.8	NW.	21	SW.	0	5	11	15	9	6	9	7	0	10	0	0	0	11	0	0	27	0	0
April	3.92	1.63	T	6.7	6.0	N.	18	E.	0	7	6	17	8	7	2	0	2	14	0	0	0	0	0	0	10	0	4
May	3.06	1.91	T	7.3	5.7	N.	28	N.	0	4	9	18	9	7	1	0	1	8	0	0	0	0	1	0	0	0	2
June	4.65	2.02	.0	6.5	5.4	NW.	17	NW.	0	6	8	16	11	10	0	0	0	5	0	1	0	0	5	0	0	0	6
July	2.26	1.87	.0	6.0	4.6	S.	13	NW.	0	10	7	14	6	5	0	0	1	8	1	0	0	0	10	3	0	0	5
August	6.87	1.75	.0	7.5	4.1	S.	17	SE.	0	4	9	18	19	15	0	0	0	11	2	0	1	0	0	0	0	0	8
September	.29	.14	.0	4.8	4.6	S.	19	NW.	0	12	10	8	6	2	0	0	0	13	7	5	4	0	0	0	0	0	3
October	3.49	1.56	.0	5.6	4.8	S.	18	SE.	0	10	7	14	10	7	0	0	0	12	3	2	2	0	0	0	0	0	5
November	3.30	.78	12.2	7.9	6.1	W.	24	SW.	0	5	3	22	13	10	7	7	0	9	0	0	0	8	0	0	21	0	0
December	1.55	1.13	11.5	7.9	5.8	S.	18	W.	0	4	4	23	6	5	11	6	0	10	0	0	0	13	0	0	26	4	0
Year	32.80	2.02	60.6	6.7	5.3	S.	28	N.	0	82	84	200	113	80	63	34	4	129	13	8	7	76	16	3	142	20	33

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 of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.51	0.32	5.4	5.6	3.4	SW.	20	NE.	0	7	14	10	6	2	9	6	0	1	0	1	0	17	0	0	31	13	0
February	1.05	.52	11.2	5.7	4.7	SW.	37	SW.	4	8	12	9	7	6	8	7	0	0	0	0	0	10	0	0	28	2	0
March	1.02	.54	9.7	6.2	6.0	SW.	32	SW.	1	5	13	13	6	5	6	5	0	0	0	0	0	2	0	0	25	0	0
April	3.44	1.29	21.3	7.3	6.0	E.	41	SW.	1	3	11	16	10	8	7	7	0	0	0	0	0	1	0	0	14	0	1
May	1.23	.69	.0	5.5	5.7	SW.	32	SW.	1	9	13	9	8	3	0	0	0	0	0	0	0	0	0	0	2	0	0
June	.36	.24	.0	4.2	5.8	SW.	30	E.	0	13	14	3	4	3	0	0	0	0	0	0	0	0	10	3	0	0	8
July	.27	.26	.0	5.3	5.5	SW.	29	W.	0	7	18	6	3	2	0	0	0	0	0	0	0	0	14	4	0	0	6
August	.52	.52	.0	3.9	5.0	SW.	27	SW.	0	14	13	4	1	1	0	0	0	0	0	0	0	0	8	0	0	0	7
September	1.73	.92	.0	5.5	5.0	SW.	25	W.	0	5	18	7	9	5	0	0	0	0	0	0	0	0	1	0	0	0	3
October	.32	.21	.0	4.6	4.4	SW.	28	W.	0	12	11	8	3	2	0	0	0	0	0	0	0	0	0	0	5	0	2
November	1.69	.93	17.8	5.1	4.3	E.	30	W.	0	10	11	9	9	7	11	9	0	1	1	1	1	13	0	0	30	5	0
December	.43	.21	4.8	5.7	4.0	E.	26	W.	0	9	11	11	4	2	5	4	0	0	0	0	0	9	0	0	31	5	0
Year	12.57	1.29	70.2	5.4	5.0	SW.	41	SW.	7	102	159	105	70	46	46	38	0	2	1	2	1	52	33	7	166	25	27

LANSING, MICH.

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

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.35	0.85	10.6	8.6	9.2	W.	30	S.	0	0	7	24	10	7	26	10	0	1	0	0	0	27	0	0	31	3	0
February	.82	.27	9.0	7.7	8.4	NE.	22	SW.	0	7	2	20	10	7	15	10	0	5	1	0	0	11	0	0	29	0	0
March	2.07	.63	15.4	6.8	9.6	NW.	28	SW.	0	7	8	16	11	7	15	8	0	3	1	0	0	12	0	0	29	0	2
April	1.42	.87	1.2	6.3	9.7	NW.	27	SW.	0	9	6	15	13	10	3	2	0	1	1	0	0	1	0	0	13	0	2
May	4.66	.97	T	6.9	8.4	SW.	32	S.	1	3	12	16	20	17	3	2	2	1	1	0	0	0	0	0	1	0	6
June	5.70	2.02	.0	5.7	8.1	SW.	23	SW.	0	8	13	9	14	13	0	0	0	2	0	0	0	0	0	0	0	0	13
July	1.84	1.25	.0	3.7	6.8	SW.	32	NW.	1	17	13	1	9	8	0	0	0	0	0	0	0	0	6	3	0	0	8
August	9.21	2.28	.0	5.8	7.0	SE.	22	SW.	0	8	15	8	14	12	0	0	1	3	1	0	0	0	0	0	0	0	9
September	1.42	.76	.0	5.0	6.6	NW.	21	NW.	0	12	10	8	6	5	0	0	0	13	2	2	2	0	0	0	0	0	1
October	3.58	1.73	T	5.7	7.3	NW.	24	NW.	0	6	16	9	8	6	1	0	0	10	2	1	1	0	0	0	2	0	1
November	3.11	.72	13.2	7.9	10.4	SW.	41	SW.	2	3	7	20	13	11	9	5	0	1	0	0	0	7	0	0	20	0	0
December	2.66	1.06	9.6	8.7	8.7	NW.	25	S.	0	2	3	26	14	9	12	9	0	3	0	0	0	9	0	0	24	0	0
Year	37.84	2.28	59.0	6.6	8.3	NW.	41	SW.	4	82	112	172	142	112	84	46	3	43	9	3	3	67	6	3	149	3	42

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

LINCOLN, NEBR.

Airport [ϕ=40°51′ N.; λ=96°46′ 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.	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. (1)	In. (1)	° (1)	° (1)	° (1)	° (1)	° (1)	° (1)	° (1)	° (1)	°	°	°	° (1)	° (1)	° (1)	° (1)	° (1)	° (1)	° (1)	% (1)	% (1)	% (1)	% (1)	% (1)
January	28.94	30.30	29.38	28.42	----	1.6	13.6	9.6	----	1.1	12.2	8.8	17.9	0.2	9.0	41	−19	----	−2	8	6	2	----	82	74	83	83
February	28.76	30.08	29.39	28.20	----	21.3	29.2	27.7	----	20.4	27.0	26.1	33.1	19.3	26.2	55	2	----	18	23	23	21	----	88	76	82	85
March	28.70	29.99	29.15	27.88	32.7	31.2	41.2	40.4	30.9	29.7	36.3	36.0	45.7	29.3	37.5	78	14	28	27	30	30	29	83	85	68	70	76
April	28.68	29.95	29.32	28.14	45.2	40.9	55.5	56.1	40.7	37.8	45.7	46.0	60.6	39.9	50.2	88	21	36	33	34	35	34	70	76	49	48	61
May	28.69	29.94	29.04	28.25	52.8	49.8	68.6	69.8	47.2	46.0	54.8	54.8	73.5	49.0	61.2	95	35	42	42	43	42	42	67	75	42	38	56
June	28.64	29.87	28.98	28.28	66.7	63.9	81.9	81.3	60.3	58.8	65.2	65.2	85.9	61.5	73.7	103	52	56	55	55	56	56	70	75	43	44	58
July	28.71	29.94	29.02	28.28	75.4	69.9	92.1	90.1	64.9	63.5	70.2	68.9	94.5	69.3	81.9	110	52	59	60	58	57	58	58	71	34	36	50
August	28.73	29.96	29.08	28.39	66.9	64.1	80.3	79.3	63.3	61.8	68.3	67.6	83.9	63.5	73.7	98	51	61	60	62	61	61	82	89	56	56	71
September	28.80	30.04	29.19	28.53	63.6	57.5	80.2	75.6	57.4	54.0	64.0	61.8	82.8	58.4	70.6	100	38	53	52	53	52	53	70	82	42	46	60
October	28.72	29.98	29.15	28.33	55.2	49.3	72.5	64.7	49.0	45.6	57.4	54.3	76.2	49.6	62.9	90	35	43	42	46	46	44	65	76	41	52	59
November	28.84	30.15	29.40	28.27	31.8	29.4	39.5	35.3	30.0	27.9	35.1	32.5	43.5	27.3	35.4	71	0	28	26	29	29	28	84	86	68	76	78
December	28.79	30.11	29.36	28.23	27.3	25.4	33.7	30.4	25.9	24.4	30.7	28.6	38.0	24.2	31.1	58	0	24	23	26	26	25	86	89	75	83	83
Year	28.75	30.03	29.40	27.88	51.8	42.0	57.4	55.0	47.0	39.2	47.2	45.9	61.3	41.0	51.1	110	−19	43	36	39	39	38	74	81	56	60	68

LITTLE ROCK, ARK.

Airport [ϕ=34°44′ N.; λ=92°14′ W.] City [ϕ=34°45′ N.; λ=92°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	29.85	30.25	30.27	29.04	25.9	22.0	32.1	31.0	23.9	20.6	27.9	28.0	36.5	21.6	29.0	59	0	19	17	20	22	19	75	80	59	68	70
February	29.64	30.03	30.16	29.20	38.4	36.0	46.2	45.1	36.3	34.8	41.0	40.5	50.4	34.6	42.5	76	25	34	33	35	35	34	82	89	67	69	77
March	29.60	29.99	30.14	29.16	48.1	43.5	58.5	56.4	44.3	41.3	50.1	49.1	62.8	41.9	52.4	84	27	40	39	42	42	41	75	84	58	60	69
April	29.56	29.94	30.17	29.18	55.6	53.0	65.3	64.4	51.8	50.1	56.4	56.4	69.9	50.9	60.4	90	31	49	48	50	50	49	78	82	60	63	71
May	29.58	29.96	29.82	29.28	61.3	58.3	74.8	73.4	57.6	55.9	62.9	62.9	77.4	57.6	67.5	88	48	55	54	55	56	55	80	86	52	57	69
June	29.58	29.96	29.82	29.38	70.0	68.9	83.1	80.1	68.0	67.4	72.6	71.6	84.6	67.4	76.0	91	60	67	67	68	68	67	90	91	61	67	78
July	29.66	30.03	29.82	29.50	73.7	72.4	84.3	83.6	71.4	70.6	75.3	75.4	86.2	71.4	78.8	96	64	70	70	72	72	71	90	92	67	69	79
August	29.60	29.98	29.80	29.39	72.3	70.4	86.1	82.2	70.4	69.0	75.3	74.2	87.3	70.0	78.6	94	58	70	68	71	71	70	91	93	60	69	78
September	29.68	30.06	29.92	29.35	64.4	60.8	81.4	75.5	62.1	59.1	68.6	66.8	82.6	62.5	72.6	96	47	60	58	62	62	60	87	91	52	64	73
October	29.70	30.08	29.96	29.35	56.1	52.0	76.5	68.2	54.0	50.5	62.9	60.8	77.8	55.5	66.6	88	45	52	49	54	56	53	88	91	47	66	73
November	29.78	30.17	30.25	29.14	45.8	42.8	56.0	50.9	43.8	41.6	49.0	46.6	59.5	42.5	51.0	75	20	41	40	42	42	41	84	90	61	72	76
December	29.71	30.10	30.15	29.07	43.7	39.7	52.8	48.8	42.1	38.5	47.1	45.6	56.4	40.1	48.2	69	28	40	37	41	42	40	88	91	67	79	81
Year	29.66	30.05	30.27	29.04	54.6	51.6	66.4	63.3	52.1	50.0	57.4	56.5	69.3	51.3	60.3	96	0	50	48	51	52	50	84	88	59	67	74

LOS ANGELES, CALIF.

[ϕ=34°03′ N.; λ=118°14′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	29.69	30.06	29.91	29.49	----	54.2	63.7	63.3	----	49.5	53.9	54.6	67.4	52.2	59.8	85	47	----	44	44	47	46	----	72	54	60	66
February	29.70	30.06	29.92	29.39	----	54.0	64.1	64.1	----	48.2	52.8	53.0	67.3	51.5	59.4	78	47	----	42	41	41	41	----	67	49	49	58
March	29.66	30.01	29.94	29.34	----	54.4	67.8	66.1	----	49.4	55.1	54.7	70.2	52.3	61.2	82	45	----	44	42	44	44	----	72	46	50	61
April	29.63	29.98	29.79	29.32	----	55.4	70.1	68.0	----	51.9	58.5	57.4	72.0	53.5	62.8	96	47	----	49	50	49	49	----	81	52	54	68
May	29.58	29.94	29.73	29.40	----	58.1	73.5	70.2	----	55.4	61.8	60.6	75.3	56.6	66.0	94	51	----	53	54	54	54	----	85	52	58	72
June	29.56	29.91	29.69	29.43	----	58.7	71.5	70.6	----	56.6	62.6	61.5	74.8	57.2	66.0	81	55	----	55	56	56	55	----	88	59	60	74
July	29.60	29.95	29.73	29.46	----	61.6	79.1	75.8	----	57.8	65.0	63.2	81.6	58.7	70.6	93	56	----	55	56	55	55	----	81	47	50	66
August	29.57	29.92	29.70	29.44	----	62.3	77.7	75.6	----	59.8	65.6	64.6	80.7	60.4	70.6	89	57	----	58	59	58	58	----	87	53	55	71
September	29.55	29.91	29.66	29.41	----	61.4	77.8	74.4	----	58.2	63.9	63.3	79.7	59.6	69.6	90	54	----	56	55	56	56	----	83	47	54	69
October	29.60	29.96	29.76	29.36	63.4	61.5	76.3	72.0	58.0	55.2	61.5	60.9	78.7	57.9	68.3	99	49	54	50	51	53	52	75	70	45	56	63
November	29.67	30.03	29.88	29.48	58.8	57.1	70.5	67.0	49.1	46.2	53.3	52.7	73.2	53.5	63.4	84	45	37	32	35	37	35	51	43	31	39	42
December	29.61	29.97	29.94	29.20	58.3	56.3	66.5	64.3	50.5	48.7	53.3	54.0	69.6	52.9	61.2	88	45	42	40	40	44	42	60	60	45	53	56
Year	29.62	29.98	29.94	29.20	----	57.9	71.6	69.3	----	53.1	58.9	58.4	74.2	55.6	64.9	99	45	----	48	49	50	49	----	74	48	53	64

LOUISVILLE, KY.

Airport [ϕ=38°13′ N.; λ=85°40′ W.] City [ϕ=38°15′ N.; λ=85°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	29.59	30.18	29.93	28.69	18.5	14.2	22.0	21.8	17.3	13.5	19.9	20.1	28.0	12.7	20.4	54	−13	14	12	14	16	14	81	88	70	74	78
February	29.45	30.02	29.95	28.89	32.1	30.7	36.7	36.1	30.3	29.3	33.8	33.5	40.8	29.8	35.3	57	17	28	27	29	30	28	82	85	74	77	80
March	29.43	30.00	29.94	29.10	38.5	36.9	46.5	44.8	35.4	34.5	40.1	39.4	50.9	35.3	43.1	80	18	31	31	32	32	31	73	78	57	60	67
April	29.39	29.96	29.81	29.00	49.1	46.4	58.6	56.4	44.4	42.9	49.2	48.6	62.8	44.7	53.8	85	27	40	39	39	41	40	72	77	54	60	66
May	29.36	29.92	29.65	29.00	55.7	54.8	67.8	66.8	51.9	51.2	56.0	55.8	71.5	53.6	62.6	89	36	49	48	47	48	48	79	79	52	57	67
June	29.40	29.96	29.68	29.07	68.0	67.7	81.0	78.4	64.4	64.1	68.2	67.9	83.8	65.8	74.8	92	52	62	62	61	62	62	83	82	53	59	69
July	29.52	30.07	29.78	29.29	70.7	69.9	84.7	82.4	66.7	66.5	70.3	70.4	87.7	68.8	78.2	100	56	65	65	63	64	64	81	84	50	56	68
August	29.45	30.01	29.66	29.21	71.1	69.2	84.8	80.7	66.7	65.7	70.0	69.3	88.2	68.9	78.6	95	55	64	64	62	63	64	80	84	49	58	68
September	29.52	30.08	29.77	29.04	59.4	54.8	76.6	71.7	55.8	52.7	61.0	60.3	79.7	56.8	68.2	95	41	53	51	50	53	52	80	88	40	52	65
October	29.52	30.08	29.75	29.12	53.9	48.6	71.7	65.3	49.6	46.4	57.1	55.2	74.6	51.8	63.2	86	38	46	44	46	47	46	76	86	40	53	64
November	29.60	30.17	29.88	29.00	41.9	38.9	50.9	46.7	38.3	36.7	43.9	41.2	54.7	38.5	46.6	76	19	34	33	36	34	34	73	80	59	62	69
December	29.54	30.12	29.98	28.87	39.6	37.1	44.4	42.4	37.5	35.7	40.2	39.3	49.6	35.3	42.4	62	12	35	34	35	35	35	83	88	70	77	79
Year	29.48	30.05	29.98	28.69	49.9	47.4	60.5	57.7	46.5	44.9	50.8	50.1	64.4	46.8	55.6	100	−13	43	42	43	44	43	79	83	56	62	70

[1] Airport data.
[2] Pressure at airport adjusted to the old (city) station elevation: Little Rock, 357 feet; Los Angeles, 338 feet; Louisville, 545 feet.
[3] Observation taken at 12 noon.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

LINCOLN, NEBR.

Airport [H=1,181 ft.; H_b=1,189 ft.; H_t=4 ft.; H_r=3 ft.; H_a=31 ft.] City [H=1,180 ft.; H_b=1,189 ft.; H_t=11 ft.; H_r=4 ft.; H_a=81 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind					Number of days																	
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall		Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	1.14	0.42	14.6	4.9	8.0	NW.	26	NW.	0	13	10	8	6	5	9	6	0	3	3	2	1	28	0	0	31	17	0
February	1.18	.45	10.4	7.3	9.6	N.	29	N.	0	6	6	17	5	5	11	5	0	3	3	3	2	13	0	0	29	0	0
March	1.55	.47	6.1	7.3	10.8	N.	34	NW.	2	4	9	18	14	8	12	8	0	4	2	0	1	7	0	0	21	0	0
April	2.81	.64	1.8	6.1	12.1	N.	34	W.	2	8	10	12	11	10	2	2	0	0	0	0	0	0	0	0	4	0	5
May	1.98	.48	.0	5.4	9.9	N.	36	NW.	2	9	13	9	5	4	0	0	0	0	0	0	0	0	1	1	0	0	4
June	2.11	.92	.0	5.4	9.8	S.	37	W.	2	9	11	10	7	7	0	0	1	1	1	0	0	0	10	4	0	0	5
July	2.02	.72	.0	4.7	9.7	S.	33	W.	1	12	13	6	5	5	0	0	0	0	0	0	0	0	19	17	0	0	11
August	3.59	1.34	.0	6.3	7.7	E.	32	SW.	1	5	14	12	13	7	0	0	0	8	2	1	0	0	7	2	0	0	8
September	1.74	.97	.0	4.2	9.1	S.	25	N.	0	12	13	5	4	2	0	0	0	0	0	0	0	0	7	3	0	0	3
October	2.63	1.15	.0	4.3	9.3	S.	30	NW.	0	15	8	8	8	7	0	0	0	1	0	0	0	0	0	0	0	0	3
November	2.12	1.16	5.2	6.8	10.0	S.	39	NW.	1	8	6	16	9	7	4	4	0	6	0	0	0	6	0	0	19	1	0
December	1.30	.60	15.3	7.1	9.0	S.	28	NW.	0	9	5	17	8	6	8	7	0	10	3	3	3	8	0	0	22	1	0
Year	23.17	1.34	53.4	5.8	9.6	S.	39	NW.	11	110	118	138	95	73	46	32	1	36	14	9	7	62	44	27	126	19	39

LITTLE ROCK, ARK.

Airport [H=256 ft.; H_b=265] ft.; H_t=6 ft.; H_r=3 ft.; H_a=29 ft.] City [H=324 ft.; H_b=357 ft.; H_t=94 ft.; H_r=87 ft.; H_a=102 ft.]

January	1.40	0.58	5.8	5.5	8.5	NW.	34	W.	1	12	6	13	7	5	8	4	0	6	2	1	1	12	0	0	27	1	1
February	3.21	.78	3.0	6.8	9.5	NW.	27	SW.	0	7	6	16	13	10	6	2	0	10	1	1	1	0	0	0	11	0	2
March	1.31	.58	.0	4.6	9.5	E.	28	SW.	0	15	4	12	11	5	0	0	1	6	3	0	1	0	0	0	5	0	4
April	5.58	1.85	.0	5.6	10.1	S.	32	NW.	1	10	7	13	11	10	0	0	0	3	0	0	0	0	1	0	2	0	7
May	3.10	.81	.0	4.5	8.2	NW.	27	NW.	0	15	8	8	8	6	0	0	1	5	1	1	1	0	0	0	0	0	4
June	2.26	.93	.0	6.7	7.1	S.	24	N.	0	4	11	15	12	9	0	0	0	9	1	0	0	0	5	0	0	0	7
July	1.60	.47	.0	6.6	7.2	S.	19	NE.	0	6	9	16	12	8	0	0	0	15	2	1	1	0	12	3	0	0	6
August	3.55	1.34	.0	5.6	6.8	S.	27	NW.	0	10	9	12	8	8	0	0	0	3	0	0	0	0	12	0	0	0	7
September	2.17	1.06	0	4.4	6.3	E.	20	NE.	0	15	6	9	4	3	0	0	0	2	0	0	0	0	7	1	0	0	2
October	1.91	.72	.0	3.4	6.8	S.	21	SE.	0	18	9	4	4	4	0	0	0	2	1	1	1	0	0	0	0	0	2
November	5.55	1.86	.0	5.8	8.0	S.	27	S.	0	12	3	15	11	7	0	0	0	9	2	3	5	0	0	0	5	0	3
December	3.02	1.14	.0	6.1	8.3	E.	28	NE.	0	10	6	15	8	6	0	0	0	11	4	4	2	0	0	0	5	0	1
Year	34.66	1.86	8.8	5.5	8.0	S.	34	W.	2	134	84	148	109	81	14	6	2	81	17	12	13	12	37	4	55	1	46

LOS ANGELES, CALIF.

[H=313 ft.; H_b=512 ft.; H_t=223 ft.; H_r=235 ft.; H_a=250 ft.]

January	4.33	1.91	0.0	6.2	5.3	NE.	22	NE.	0	10	4	17	12	9	0	0	0	6	3	0	0	0	0	0	0	0	1
February	5.43	1.93	.0	4.9	6.8	NE.	21	NE.	0	9	13	7	8	8	0	0	0	5	0	0	0	0	0	0	0	0	1
March	1.55	1.31	.0	5.1	6.2	W.	26	SW.	0	12	6	13	4	3	0	0	0	9	2	0	0	0	0	0	0	0	2
April	1.61	1.06	.0	4.7	6.3	W.	22	NW.	0	14	9	7	4	4	0	0	1	5	2	0	2	0	2	1	0	0	2
May	.02	.02	.0	3.9	6.1	W.	21	W.	0	13	13	5	1	0	0	0	0	9	0	0	1	0	1	0	0	0	1
June	T	T	.0	4.2	5.9	W.	17	W.	0	12	16	2	0	0	0	0	0	7	1	0	0	0	0	0	0	0	0
July	T	T	.0	2.8	5.7	W.	18	W.	0	19	12	0	0	0	0	0	0	6	2	0	2	0	4	0	0	0	0
August	.00	....	.0	2.2	5.7	W.	18	W.	0	21	10	0	0	0	0	0	0	11	4	2	3	0	0	0	0	9	0
September	.01	.01	.0	2.3	5.9	W.	20	W.	0	21	8	1	1	0	0	0	0	5	0	0	1	0	1	0	0	0	0
October	1.47	1.04	.0	2.9	6.3	W.	22	SW.	0	19	11	1	3	2	0	0	0	6	0	0	1	0	4	2	0	0	1
November	.34	.34	.0	4.0	7.3	NE.	33	NW.	1	15	8	7	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
December	5.50	1.91	.0	6.0	8.3	NE.	32	E.	1	6	11	14	11	8	0	0	0	2	1	0	0	0	0	0	0	0	3
Year	20.26	1.93	.0	4.1	6.3	W.	33	NW.	2	171	121	74	46	36	0	0	1	71	15	2	10	0	12	3	0	0	11

LOUISVILLE, KY.

Airport [H=539 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.]

January	1.56	0.71	8.2	5.5	9.2	SW.	45	SW.	1	11	8	12	13	10	17	8	0	7	0	0	0	21	0	0	28	6	0
February	5.24	1.27	9.3	7.4	9.1	SW.	28	SW.	0	6	4	19	14	11	10	3	0	2	1	0	0	2	0	0	18	0	1
March	5.35	3.17	T	5.5	10.2	NW.	30	SW.	0	13	4	14	9	7	7	2	0	1	0	0	0	0	0	0	10	0	5
April	7.21	1.97	T	5.6	10.5	NE.	32	S.	1	11	8	11	9	8	1	0	1	2	0	0	0	0	0	0	3	0	5
May	2.49	.71	T	5.5	9.5	SW.	34	SW.	2	11	12	8	15	10	1	0	0	0	0	0	0	0	0	0	0	0	5
June	1.59	.58	.0	4.8	8.6	SW.	30	SW.	0	10	13	7	10	8	0	0	0	0	0	0	0	0	4	0	0	0	7
July	1.36	.98	.0	3.6	7.4	SW.	24	N.	0	19	8	4	4	3	0	0	0	0	0	0	0	0	13	5	0	0	3
August	1.59	.63	.0	4.4	7.0	NE.	30	N.	0	14	11	6	7	5	0	0	0	4	0	0	0	0	14	1	0	0	7
September	.97	.79	.0	2.5	6.6	NE.	27	NE.	0	20	8	2	3	3	0	0	0	0	0	0	0	0	4	1	0	0	2
October	.54	.35	.0	3.1	7.3	SW.	26	SW.	0	18	9	4	6	3	0	0	0	1	0	0	0	0	0	0	0	0	0
November	3.98	1.06	T	5.9	10.3	SW.	50	SW.	1	10	6	14	11	8	4	0	0	0	0	0	0	1	0	0	8	0	0
December	3.10	.76	.0	7.6	9.0	SW.	32	SW.	1	4	8	19	10	9	0	0	0	2	2	0	0	1	0	0	9	0	0
Year	34.98	3.17	17.5	5.1	8.7	SW.	50	SW.	6	147	99	120	111	85	40	13	1	19	3	0	0	25	35	7	76	6	35

TABLE 16.— *Annual meteorological summaries for the year ended Dec. 31, 1940*— 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.	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	29.34	30.12	29.77	28.90	----	22.5	33.4	30.0	----	20.3	27.7	25.8	35.9	20.5	28.2	51	5	----	15	15	16	15	----	71	46	55	58
February	29.23	29.99	29.67	28.49	----	34.2	45.8	42.3	----	31.2	37.8	36.2	49.7	31.1	40.4	66	17	----	26	26	26	26	----	72	49	55	59
March	29.24	30.00	29.68	28.75	----	37.6	50.1	47.5	----	33.3	40.1	39.1	54.0	35.1	44.6	78	20	----	26	26	27	26	----	63	43	48	52
April	29.23	29.98	29.69	28.71	----	48.1	61.5	58.2	----	43.4	49.6	48.6	65.5	43.2	54.4	81	27	----	38	37	38	38	----	68	44	52	55
May	29.18	29.92	29.49	28.86	----	59.9	74.3	70.2	----	54.6	59.2	58.7	78.0	54.8	66.4	95	44	----	50	48	50	49	----	72	43	52	56
June	29.25	29.98	29.53	28.88	----	69.8	83.2	77.2	----	64.8	68.8	68.1	85.9	64.9	75.4	96	55	----	62	61	63	62	----	77	49	64	63
July	29.37	30.10	29.63	29.15	----	70.6	83.5	78.3	----	66.6	70.2	70.1	86.7	65.6	76.2	101	53	----	65	64	66	65	----	82	54	68	68
August	29.35	30.09	29.59	29.00	----	68.7	79.3	74.1	----	66.6	69.5	68.9	81.3	65.9	73.6	93	57	----	66	64	66	66	----	90	64	78	77
September	29.35	30.09	29.60	28.90	----	59.7	77.7	69.8	----	56.3	62.8	61.4	79.4	55.4	67.4	93	38	----	54	53	56	54	----	81	44	62	63
October	29.38	30.13	29.72	29.08	----	48.5	67.5	59.0	----	46.0	55.3	52.9	69.7	46.1	57.9	84	32	----	44	46	48	46	----	84	48	68	66
November	29.43	30.19	29.90	29.01	----	42.8	56.4	51.1	----	39.1	46.3	44.2	58.5	40.1	49.3	75	27	----	34	35	36	35	----	72	48	58	60
December	29.40	30.15	29.84	28.62	----	38.1	51.3	45.9	----	35.7	43.5	40.8	53.5	34.6	44.0	69	12	----	32	33	34	33	----	80	53	65	66
Year	29.31	30.06	29.90	28.49	----	50.0	63.7	58.6	----	46.5	52.6	51.2	66.5	46.4	56.5	101	5	----	43	42	44	43	----	76	49	60	62

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
	(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	30.14	30.08	29.30	30.5	27.3	44.1	37.3	27.7	25.6	34.7	31.8	44.7	25.7	35.2	66	10	22	22	23	23	22	70	78	50	58	64
February	29.62	30.02	30.05	29.13	41.8	38.7	52.6	49.0	39.0	36.8	45.3	43.3	56.1	37.0	46.6	74	25	35	34	36	36	35	76	83	56	63	70
March	29.59	29.99	30.02	28.97	48.4	43.4	60.4	57.6	44.9	42.3	50.7	49.5	65.4	42.8	54.2	81	31	41	40	40	41	41	76	87	53	58	68
April	29.60	29.99	29.92	29.21	56.7	53.4	68.3	65.6	52.0	50.8	56.8	55.6	73.4	50.9	62.2	88	31	47	48	47	47	48	72	83	52	54	65
May	29.54	29.93	29.92	29.23	63.7	60.9	78.7	75.6	55.6	55.5	62.0	61.4	83.4	57.5	70.4	95	43	51	51	50	51	51	65	70	41	44	55
June	29.62	30.00	29.80	29.35	71.8	71.1	84.1	82.0	68.3	67.9	71.6	71.6	89.1	68.4	78.8	95	58	66	66	65	66	66	84	85	57	62	72
July	29.68	30.07	29.84	29.52	72.9	72.9	84.8	80.5	70.3	70.5	73.1	72.8	88.4	70.0	79.2	100	61	69	70	68	70	69	89	89	59	71	77
August	29.58	29.97	29.80	29.13	73.7	73.5	85.4	80.3	70.8	70.7	73.9	73.1	88.9	71.0	80.0	98	67	70	70	69	70	69	87	87	58	73	76
September	29.63	30.01	29.84	29.30	67.1	64.3	81.6	76.1	62.5	61.1	66.5	65.8	84.9	61.4	73.2	97	48	59	59	58	60	59	77	84	47	59	67
October	29.68	30.07	29.92	29.45	59.3	55.2	76.1	68.9	55.1	53.0	60.9	58.7	79.5	52.5	66.0	88	42	52	51	50	51	51	77	86	42	55	65
November	29.78	30.18	30.11	29.43	50.6	47.0	62.1	56.3	47.5	45.2	52.0	49.9	65.1	44.0	54.6	80	22	44	43	41	43	42	78	86	52	64	70
December	29.70	30.10	30.08	29.00	46.8	44.1	58.1	52.9	44.4	42.8	50.8	48.5	60.5	41.6	51.0	75	26	41	41	43	44	42	82	89	62	73	76
Year	29.65	30.04	30.11	28.97	56.9	54.3	69.7	65.2	53.3	51.8	58.2	56.3	73.3	51.9	62.6	100	10	50	50	49	50	50	78	84	52	61	69

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
	(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	29.01	30.13	29.35	27.98	9.3	7.4	16.1	13.1	8.5	6.8	14.6	12.1	17.7	4.3	11.0	33	−20	6	4	10	8	7	83	85	74	79	80
February	28.98	30.08	29.56	28.33	20.9	18.9	28.1	25.3	19.9	17.9	25.7	23.6	29.1	16.7	22.9	40	−7	18	16	21	20	19	85	86	74	78	81
March	28.95	30.04	29.45	28.35	24.6	22.2	31.6	29.4	23.4	21.1	28.6	26.9	32.4	20.8	26.6	63	3	21	19	24	22	21	85	85	71	73	79
April	28.95	30.01	29.37	28.40	38.0	36.3	49.6	47.6	34.7	34.1	42.0	40.6	51.6	34.8	43.2	71	19	30	31	32	32	31	74	81	55	56	66
May	28.85	29.90	29.22	28.40	49.2	48.0	60.8	59.6	46.5	45.4	52.2	52.3	63.4	45.8	54.6	84	30	44	43	45	46	44	83	83	60	64	72
June	28.86	29.89	29.25	28.32	62.2	61.9	76.2	73.3	58.3	58.3	63.9	63.3	77.3	58.9	68.1	90	48	55	56	56	57	56	80	81	53	59	68
July	29.03	30.06	29.32	28.68	67.3	67.0	82.2	80.5	62.7	62.6	67.3	67.7	83.5	64.5	74.0	97	53	60	60	59	61	60	78	79	47	52	64
August	29.00	30.03	29.31	28.75	64.4	62.8	75.3	71.7	62.0	61.0	66.4	65.2	76.5	62.0	69.2	89	48	61	60	62	62	61	88	91	64	72	79
September	29.07	30.12	29.45	28.66	55.7	52.4	70.6	65.6	53.6	50.9	59.5	58.8	71.8	54.0	62.9	87	40	52	49	52	54	52	88	90	53	66	74
October	29.01	30.07	29.30	28.73	47.9	45.0	61.1	54.4	45.4	43.2	51.5	49.1	62.5	46.5	54.5	78	34	43	41	43	44	43	84	88	50	70	74
November	29.02	30.10	29.46	27.89	31.7	29.8	38.2	33.8	29.9	28.2	34.4	31.2	40.8	26.6	33.7	65	4	27	26	29	27	27	82	85	77	77	78
December	29.02	30.11	29.58	28.43	25.3	23.9	29.0	26.9	24.2	23.1	27.2	25.6	31.4	21.0	26.2	46	−12	22	21	24	23	22	86	88	79	84	84
Year	28.98	30.04	29.55	27.89	41.4	39.6	51.6	48.4	39.1	37.7	44.4	43.0	53.2	38.0	45.6	97	−20	37	36	38	38	37	83	85	63	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	29.19	30.03	29.62	28.37	----	16.3	20.0	17.8	----	15.3	18.6	16.7	22.8	12.3	17.6	32	−10	----	12	15	14	14	----	83	78	82	81
February	29.27	30.10	29.72	28.68	----	21.1	26.6	24.0	----	20.0	24.6	22.4	28.7	17.5	23.1	35	4	----	17	20	19	19	----	84	75	80	80
March	29.22	30.05	29.72	28.49	----	19.6	26.0	23.9	----	18.5	24.1	22.5	28.1	17.4	22.8	51	4	----	16	20	19	18	----	82	77	81	80
April	29.23	30.05	29.66	28.72	----	33.5	40.1	37.4	----	30.9	35.8	34.2	42.7	29.0	35.8	64	14	----	27	30	30	29	----	77	69	74	74
May	29.12	29.92	29.54	28.51	42.9	43.1	47.9	46.7	40.4	40.4	43.2	42.2	52.0	38.7	45.4	72	29	38	37	38	37	38	82	81	72	72	77
June	29.07	29.87	29.46	28.59	54.7	54.0	60.8	60.0	50.8	50.3	53.3	53.0	67.1	47.8	57.4	89	40	47	47	48	47	47	77	78	64	66	71
July	29.25	30.04	29.56	28.80	63.2	64.5	72.0	69.8	58.7	59.4	62.8	62.2	75.9	58.8	67.4	94	49	56	56	57	58	57	77	75	62	67	70
August	29.26	30.05	29.57	28.96	62.0	61.7	69.7	67.1	58.4	58.4	61.8	60.7	72.1	58.4	65.2	87	44	56	56	57	56	56	81	82	66	71	75
September	29.27	30.08	29.70	28.83	56.7	55.6	64.3	59.8	53.4	52.4	57.5	56.2	67.0	52.4	59.7	87	38	51	50	53	54	52	81	82	68	80	78
October	29.24	30.05	29.56	28.84	46.7	44.9	53.2	49.6	43.7	42.7	47.1	45.2	55.1	41.9	48.5	71	33	40	40	41	41	40	79	82	66	73	75
November	29.20	30.02	29.70	27.90	32.4	30.9	34.4	33.3	30.7	29.2	32.1	31.2	37.7	27.3	32.5	56	7	28	26	28	28	28	84	82	78	80	81
December	29.22	30.05	29.82	28.55	24.3	23.9	28.0	26.2	23.0	22.8	26.1	25.0	30.5	20.0	25.2	44	−2	20	21	22	22	21	82	86	77	84	82
Year	29.21	30.03	29.82	27.90	47.9	39.1	45.2	43.0	44.9	36.7	40.6	39.3	48.3	35.1	41.7	94	−10	42	34	36	35	35	80	81	71	76	77

[1] Pressure at airport adjusted to the old (city) station elevation: Macon, 370 feet; Madison, 274 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	2.86	1.08	18.5	4.6	7.3	NW.	26	NW.	0	15	6	10	9	5	9	6	0	6	4	1	1	8	0	0	27	0	0
February	3.02	1.23	T	6.0	8.2	NW.	36	NW.	3	10	7	12	10	7	6	0	0	10	7	4	3	0	0	0	16	0	0
March	2.07	.77	.9	5.0	9.1	NW.	34	NW.	1	15	7	9	10	7	2	1	0	7	4	1	2	1	0	0	11	0	2
April	4.26	2.46	T	6.4	8.3	NW.	28	NW.	0	6	11	13	12	8	3	0	1	6	3	0	0	0	0	0	2	0	4
May	2.73	1.24	.0	5.7	7.7	NW.	34	SW.	1	8	15	8	11	.6	0	0	0	8	1	1	0	0	3	1	0	0	6
June	2.33	1.00	.0	5.8	6.4	W.	28	NW.	0	8	15	7	15	6	0	0	0	10	0	1	3	0	10	1	0	0	11
July	5.45	1.82	.0	6.0	5.6	W.	41	N.	1	7	10	14	13	12	0	0	0	16	1	2	2	0	14	8	0	0	11
August	9.72	4.13	.0	7.4	6.9	NE.	30	N.	0	3	10	18	16	12	0	0	0	20	7	4	1	0	3	0	0	0	5
September	1.14	.84	.0	3.1	5.8	N.	25	NE.	0	19	8	3	3	2	0	0	0	20	2	2	0	0	1	0	0	0	1
October	.91	.40	T	4.2	5.6	NW.	20	NW.	0	15	7	9	7	5	1	0	0	21	4	2	2	0	0	0	0	0	0
November	4.40	1.61	.0	5.7	7.8	NW.	27	NW.	0	10	7	13	9	7	0	0	0	12	0	0	1	0	0	0	6	0	0
December	3.02	.88	.0	5.6	6.8	NW.	27	NW.	0	12	7	12	12	9	0	0	0	14	4	3	2	0	0	0	11	0	0
Year	41.91	4.13	19.4	5.5	7.1	NW.	41	N.	6	128	110	138	127	86	21	7	1	150	37	21	17	9	31	10	73	0	40

MACON, GA.

Airport [H=465 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.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	4.93	2.18	3.2	5.0	8.0	NW.	21	NW.	0	10	10	11	6	5	1	1	0	0	0	0	0	3	0	0	27	0	1
February	4.96	2.06	.0	7.3	8.3	NW.	29	NW.	0	6	3	20	13	9	0	0	0	2	0	0	0	0	0	0	7	0	1
March	3.70	.99	.0	5.6	7.6	NW.	24	N.	0	9	8	14	13	9	0	0	0	5	0	0	0	0	0	0	1	0	5
April	4.19	1.73	.0	5.7	8.1	NW.	26	SE.	0	10	7	13	9	6	0	0	0	1	1	0	0	0	0	0	1	0	4
May	.88	.39	.0	3.8	6.5	NW.	25	NW.	0	16	10	5	8	4	0	0	0	0	0	0	0	0	9	1	0	0	3
June	4.81	.92	.0	5.8	6.3	S.	24	SW.	0	7	12	11	11	9	0	0	0	0	0	0	0	0	13	1	0	0	9
July	6.47	2.11	.0	6.5	5.2	S.	23	SW.	0	8	7	16	16	16	0	0	0	0	0	0	0	0	16	8	0	0	10
August	6.85	1.95	.0	5.6	6.2	E.	25	W.	0	7	18	6	12	10	0	0	0	0	0	0	0	0	14	3	0	0	8
September	.92	.35	.0	4.0	5.7	N.	22	NW.	0	15	10	5	5	4	0	0	0	0	0	0	0	0	10	3	0	0	4
October	1.28	1.12	.0	3.6	4.9	N.	19	SW.	0	18	6	7	4	2	0	0	0	2	0	0	0	0	0	0	0	0	1
November	5.94	2.70	.0	5.9	6.2	NW.	21	S.	0	11	4	15	12	12	0	0	0	1	0	0	0	0	0	0	5	0	1
December	4.47	1.34	.0	6.9	6.6	N.	17	E.	0	7	6	18	12	11	0	0	0	6	2	2	0	0	0	0	2	0	0
Year	49.40	2.70	3.2	5.5	6.6	NW.	29	NW.	0	124	101	141	121	97	1	1	0	17	3	2	0	3	62	16	43	0	47

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.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.25	0.96	12.7	6.2	8.6	W.	30	NW.	0	8	8	15	7	4	23	7	0	6	1	1	1	30	0	0	31	11	0
February	1.25	.60	12.3	7.4	8.8	NW.	35	N.	1	4	7	18	11	6	15	9	0	14	4	2	2	19	0	0	29	2	0
March	1.09	.46	8.0	7.1	8.9	NW.	29	SW.	0	6	9	16	9	4	11	6	0	8	3	3	3	19	0	0	28	0	0
April	2.42	.93	2.1	6.6	8.9	N.	35	NE.	1	5	12	13	9	8	4	2	1	7	3	2	2	0	0	0	8	0	3
May	3.39	1.06	.8	7.6	8.5	N.	24	SW.	0	2	11	18	14	11	4	2	1	6	0	0	0	0	0	0	2	0	3
June	4.95	3.30	.0	6.2	7.5	S.	26	N.	0	5	14	11	13	10	0	0	1	4	1	1	1	0	0	0	0	0	9
July	3.38	2.12	.0	5.4	6.8	S.	36	N.	1	9	13	9	7	5	0	0	1	2	0	0	0	0	6	3	0	0	9
August	6.15	1.40	.0	7.0	6.6	SE.	20	N.	0	2	14	15	22	15	0	0	1	7	3	3	3	0	0	0	0	0	16
September	.84	.73	.0	5.0	6.5	S.	26	NE.	0	8	16	6	7	2	0	0	0	9	3	3	3	0	0	0	0	0	2
October	2.78	1.03	.0	5.6	7.8	SE.	29	NE.	0	8	11	12	6	5	0	0	0	6	1	1	1	0	0	0	0	0	5
November	2.90	.88	14.9	7.2	10.2	NW.	40	SW.	1	4	11	15	12	9	9	5	0	3	0	0	0	9	0	0	19	0	0
December	1.38	1.03	3.5	8.1	9.0	N.	22	NW.	0	1	9	21	9	5	7	6	0	16	8	5	5	11	0	0	28	2	0
Year	31.78	3.30	54.3	6.6	8.2	NW.	40	SW.	4	62	135	169	126	84	73	37	5	88	27	21	21	88	6	3	145	15	47

MARQUETTE, MICH.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.48	1.28	25.5	9.2	7.9	NW.	31	NW.	0	0	4	27	17	9	26	17	0	1	0	0	0	29	0	0	31	4	0
February	1.55	.65	16.9	7.9	6.8	NW.	19	NW.	0	3	6	20	14	11	21	14	0	2	0	0	0	22	0	0	29	0	0
March	1.02	.46	8.8	7.5	8.2	NW.	21	SW.	0	2	10	19	14	6	19	13	0	2	1	0	1	22	0	0	29	0	0
April	2.98	1.34	19.2	6.2	7.4	NW.	26	SW.	0	8	9	13	11	8	13	10	0	2	2	2	2	3	0	0	22	0	1
May	4.37	1.34	2.4	7.0	8.1	NW.	23	NW.	0	6	9	16	14	11	3	3	0	6	2	4	1	1	0	0	3	0	1
June	4.54	1.48	.0	6.3	8.0	NW.	30	SW.	0	4	13	13	12	11	0	0	1	6	3	3	1	0	0	0	0	0	8
July	1.91	.70	.0	5.1	7.1	E.	30	NW.	0	12	9	10	9	8	0	0	1	2	2	2	0	0	2	0	0	0	7
August	1.69	.40	.0	7.2	7.0	S.	29	SW.	0	5	9	17	13	10	0	0	0	6	3	1	0	0	0	0	0	0	3
September	3.05	1.13	.0	6.5	7.7	W.	23	S.	0	7	9	14	10	9	0	0	0	4	2	1	1	0	0	0	0	0	2
October	1.79	.49	T	7.0	8.0	W.	29	SW.	0	4	12	15	16	11	2	0	0	7	2	1	0	0	0	0	0	0	0
November	3.96	.74	10.4	9.3	8.8	W.	33	S.	1	0	3	27	21	18	17	11	0	6	3	2	2	10	0	0	20	0	1
December	1.64	1.23	15.0	7.9	9.3	NW.	28	S.	0	4	5	22	9	6	16	9	0	0	0	0	0	15	0	0	27	1	0
Year	30.98	1.48	98.2	7.3	7.9	NW.	33	S.	1	55	98	213	160	118	117	77	2	44	20	16	8	102	2	0	161	5	23

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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	28.60	30.04	29.03	28.18	39.9	35.7	39.7	48.5	38.4	35.1	38.0	43.9	50.8	33.2	42.0	65	20	37	34	36	39	37	89	95	88	70	86
February	28.57	30.00	28.96	28.06	43.2	40.4	43.2	49.4	41.5	39.5	41.1	44.7	51.9	37.2	44.6	63	26	40	39	39	40	39	88	94	86	71	84
March	28.62	30.04	29.03	28.08	47.0	41.7	48.9	59.3	43.6	40.1	44.2	48.4	61.6	38.4	50.0	81	26	40	38	39	37	39	78	89	70	48	71
April	28.64	30.05	28.88	28.38	50.4	43.6	54.7	63.9	46.3	42.4	47.9	51.1	66.4	41.1	53.8	82	32	42	41	41	39	41	74	91	61	42	67
May	28.59	29.98	28.84	28.24	58.1	48.3	63.8	75.7	50.7	45.5	53.0	57.3	77.5	46.7	62.1	91	37	44	43	44	43	43	62	82	50	33	57
June	28.59	29.97	28.76	28.36	65.9	54.4	71.9	85.2	55.4	50.4	57.8	62.7	87.0	53.1	70.0	100	40	47	41	47	47	46	53	77	43	29	50
July	28.59	29.97	28.80	28.41	69.0	57.0	73.9	84.7	57.1	52.4	59.6	62.7	86.6	55.5	71.0	94	48	48	49	49	47	48	49	74	43	29	49
August	28.57	29.94	28.76	28.39	71.1	57.6	73.3	90.9	57.8	51.6	59.9	63.6	92.1	55.0	73.6	101	50	48	47	49	44	47	45	67	45	20	44
September	28.55	29.94	28.60	28.35	60.2	53.2	63.9	73.3	55.3	51.1	56.3	58.7	76.8	51.1	64.0	91	45	52	49	51	48	50	75	88	63	45	68
October	28.61	30.02	28.92	28.23	52.0	46.0	54.9	65.6	49.1	45.0	50.4	54.7	67.6	43.9	55.8	86	31	47	44	47	46	46	83	93	75	54	76
November	28.75	30.20	29.00	28.38	41.1	38.2	42.4	48.9	39.8	37.7	40.6	44.8	51.0	35.4	43.2	61	22	38	37	39	40	39	90	95	87	74	87
December	28.54	29.98	28.95	27.69	39.9	37.7	41.2	45.2	38.1	36.6	38.6	41.0	47.7	35.1	41.4	63	19	35	35	35	36	35	84	91	82	72	82
Year	28.60	30.01	29.03	27.69	53.2	46.2	56.2	65.9	47.8	44.0	49.0	52.8	68.1	43.8	56.0	101	19	43	41	43	42	42	72	86	66	49	68

MEMPHIS, TENN.

Airport [ϕ=35°03′ N.; λ=89°59′ W.] City [ϕ=35°09′ N.; λ=90°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
January	(1 2) 29.78	(2) 30.24	(1 2) 30.17	(1 2) 28.90	(2) 25.1	(2) 20.8	(2) 30.4	(2) 28.3	(2) 23.8	(2) 20.0	(2) 27.2	(2) 26.2	34.6	19.7	27.2	60	−3	(2) 21	(2) 18	(2) 22	(2) 22	(2) 21	(2) 84	(2) 90	(2) 70	(2) 75	(2) 80
February	29.58	30.02	30.09	29.07	37.8	35.9	44.1	43.3	35.5	34.5	39.8	39.3	48.2	34.3	41.2	68	26	33	33	34	34	34	82	87	70	72	78
March	29.55	29.98	30.10	29.12	47.3	43.9	56.2	55.2	43.8	41.4	49.0	48.5	60.5	42.8	51.6	79	26	40	38	42	42	41	77	82	61	63	71
April	29.51	29.93	30.07	29.18	56.7	53.1	65.1	63.9	51.5	49.7	55.6	55.6	69.1	52.1	60.6	85	32	47	46	48	49	48	71	79	56	60	67
May	29.53	29.94	29.80	29.23	60.8	59.1	74.2	73.5	56.2	55.1	61.2	61.5	77.1	59.0	68.0	87	44	52	52	52	53	52	76	78	48	51	63
June	29.55	29.95	29.76	29.36	71.0	70.5	82.5	80.7	67.2	67.1	70.8	70.7	85.3	68.9	77.1	95	61	65	65	65	66	65	83	84	57	63	72
July	29.62	30.03	29.79	29.48	73.2	72.3	84.4	82.6	70.2	69.6	74.3	74.3	86.4	71.7	79.0	97	62	69	68	70	71	70	86	88	64	69	76
August	29.56	29.97	29.73	29.40	73.4	71.0	85.9	81.8	70.3	69.1	74.3	73.2	88.0	71.9	80.0	98	59	69	68	69	69	69	86	91	58	67	76
September	29.63	30.04	29.88	29.26	63.7	60.0	81.8	74.6	60.2	57.3	66.3	65.4	83.3	64.2	73.8	95	48	58	55	57	60	58	82	85	44	61	68
October	29.65	30.08	29.91	29.33	57.5	52.6	75.1	66.3	54.0	50.3	61.2	59.0	77.6	57.5	67.6	85	44	51	49	51	54	51	81	87	45	66	70
November	29.74	30.18	30.11	29.10	46.7	43.7	55.7	49.8	43.5	41.3	48.0	45.5	59.6	43.5	51.6	76	17	40	38	40	40	39	77	82	57	71	72
December	29.66	30.10	30.08	28.97	43.6	40.7	52.9	48.1	41.5	38.8	46.4	44.5	56.1	40.8	48.4	69	27	39	36	39	40	39	84	85	62	76	77
Year	29.61	30.04	30.17	28.90	54.7	52.0	65.7	62.3	51.5	49.5	56.2	55.3	68.8	52.2	60.5	98	−3	49	47	49	50	49	81	85	58	66	72

MERIDIAN, MISS.

Airport [ϕ=32°21′ N.; λ=88°40′ W.] City [ϕ=32°21′ N.; λ=88°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) 29.80	(2) 30.21	(1 2) 30.15	(1 2) 29.16	(2) 27.8	(2) 24.5	(2) 38.6	(2) 35.4	(2) 26.7	(2) 23.6	(2) 33.3	(2) 32.0	43.6	23.6	33.6	69	2	(2) 25	(2) 22	(2) 24	(2) 26	(2) 24	(2) 88	(2) 90	(2) 56	(2) 68	(2) 76
February	29.62	30.03	30.05	29.06	42.0	39.1	50.5	48.4	40.4	37.8	45.3	44.6	55.8	37.6	46.7	77	22	39	36	39	40	38	88	89	67	74	80
March	29.60	30.00	29.98	29.14	48.9	45.4	63.4	60.1	46.9	44.3	53.6	52.1	67.7	45.2	56.4	82	29	45	43	44	44	44	87	92	52	59	72
April	29.58	29.98	29.98	29.19	56.2	53.9	68.9	67.2	53.9	52.7	59.2	58.6	72.6	52.8	62.7	87	30	52	52	52	52	52	87	93	57	60	74
May	29.57	29.97	29.91	29.27	59.7	58.3	78.1	75.8	58.3	56.9	64.3	64.1	81.5	57.8	69.6	91	47	57	56	55	56	56	92	92	47	53	71
June	29.60	29.99	29.79	29.43	69.6	70.4	84.4	79.8	68.5	68.7	73.6	72.6	86.7	68.1	77.4	93	58	68	68	69	69	68	95	92	61	73	80
July	29.65	30.04	29.83	29.42	72.5	73.6	85.6	82.0	71.5	72.0	75.7	75.1	87.9	71.0	79.4	96	64	71	71	72	72	72	95	93	65	75	82
August	29.58	29.97	29.74	29.45	73.0	72.5	88.2	83.1	71.3	70.7	75.5	74.8	89.8	70.3	80.0	96	58	71	70	70	71	70	92	92	56	69	77
September	29.63	30.02	29.82	29.26	64.2	60.7	83.4	77.2	61.0	58.8	68.8	67.2	85.8	61.1	73.4	95	45	60	57	61	61	60	88	89	49	60	71
October	29.69	30.09	29.91	29.39	54.6	50.5	76.5	66.6	53.4	49.8	62.9	61.9	79.5	52.3	65.9	87	39	52	49	54	59	54	92	95	48	77	78
November	29.78	30.18	30.09	29.31	49.1	45.5	62.7	56.0	47.3	44.2	53.4	51.6	65.6	43.9	54.8	79	18	45	43	44	47	45	87	90	54	73	76
December	29.67	30.08	30.06	29.78	47.9	45.4	58.5	53.8	46.3	44.2	52.0	50.4	61.8	43.0	52.4	77	30	44	43	46	47	45	88	90	65	79	81
Year	29.65	30.05	30.15	28.78	55.5	53.3	69.9	65.4	53.9	52.0	59.8	58.8	73.2	52.2	62.7	96	2	52	51	52	54	52	90	91	56	68	76

MIAMI, FLA.

Airport [ϕ=25°55′ N.; λ=80°17′ W.] City [ϕ=25°48′ N.; λ=80°12′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	(1 3) 30.07	(3) 30.10	(1 3) 30.36	(1 3) 29.84	(3) ----	(3) 55.9	(3) 67.0	(3) 63.3	(3) ----	(3) 53.0	(3) 58.6	(3) 57.2	69.5	53.1	61.3	81	31	----	(3) 50	(3) 52	(3) 52	(3) 51	----	(3) 82	(3) 59	(3) 68	(3) 69
February	30.02	30.05	30.30	29.76	----	60.0	70.2	66.1	----	56.5	60.9	59.3	71.9	56.9	64.4	80	43	----	54	54	54	54	----	81	58	67	69
March	29.98	30.01	30.29	29.54	----	65.3	73.3	69.8	----	62.3	64.8	63.6	75.5	62.9	69.2	84	44	----	60	60	60	60	----	83	63	71	73
April	30.00	30.03	30.21	29.75	----	69.5	76.4	73.1	----	63.8	66.3	65.4	78.5	66.0	72.2	84	46	----	60	60	61	60	----	73	59	66	66
May	29.95	29.98	30.24	29.78	----	73.6	80.2	76.9	----	67.6	69.6	68.7	82.8	69.4	76.1	92	59	----	64	64	64	64	----	74	59	66	66
June	30.01	30.04	30.14	29.90	----	80.2	83.6	80.9	----	75.1	75.7	75.4	85.9	76.4	81.2	90	68	----	73	73	73	73	----	79	70	78	76
July	30.04	30.07	30.15	29.96	77.0	80.0	87.6	81.7	74.3	75.8	77.0	75.9	88.9	77.8	83.4	92	70	73	74	73	74	73	88	83	62	77	78
August	29.96	29.99	30.07	29.86	76.4	78.2	86.0	80.0	74.3	75.6	76.4	75.8	89.1	76.6	82.8	92	70	73	74	73	74	74	91	89	66	83	82
September	29.88	29.91	29.99	29.75	75.4	76.5	83.1	77.9	74.0	74.7	75.7	74.8	85.5	74.6	80.0	92	71	74	74	73	74	73	94	92	72	87	86
October	29.97	30.00	30.11	29.77	70.1	69.9	81.4	74.0	67.2	67.3	69.6	68.7	82.1	70.0	76.0	86	63	66	66	64	66	65	87	88	56	76	77
November	30.06	30.09	30.27	29.88	67.7	66.8	77.5	70.6	64.1	63.2	67.1	65.2	77.9	67.9	72.9	85	44	62	61	61	62	61	82	82	58	75	74
December	30.01	30.04	30.24	29.60	67.7	65.6	77.5	70.0	64.9	63.4	68.2	66.2	78.3	67.9	73.1	84	50	63	62	63	64	63	87	89	63	82	80
Year	30.00	30.02	30.36	29.54	----	70.1	78.6	73.7	----	66.5	69.2	68.0	80.5	68.3	74.4	92	31	----	64	64	65	64	----	83	62	75	75

[1] Pressure at airport adjusted to the old (city) station elevation: Memphis 399 feet; Meridian, 375 feet; Miami, 25 feet.
[2] Airport Data. [3] Airport data beginning with July.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

MEDFORD, OREG.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	1.85	0.47	0.0	6.8		NW.				3	7	21	12	10	0	0	0	15	9	10	5	0	0	0	10	0	0
February	5.36	.82	T	8.6		NW.				0	8	21	20	16	2	2	0	16	12	7	3	0	0	0	6	0	0
March	4.19	1.57	T	6.7		NW.				6	7	18	13	11	2	0	0	6	1	1	1	0	0	0	6	0	0
April	.69	.17	.0	7.7		NW.				1	9	20	9	7	0	0	0	1	0	0	0	0	0	0	7	0	0
May	.57	.40	.0	5.8		NW.				8	11	12	6	4	0	0	0	1	0	0	0	0	0	0	1	0	1
June	.62	.40	.0	3.4		NW.				17	8	5	4	3	0	0	0	0	0	0	0	0	3	0	0	0	2
July	.14	.14	.0	3.4		NW.				17	10	4	1	1	0	0	0	1	0	0	0	0	15	4	0	0	1
August	T	T	.0	1.2		NW.				28	2	1	0	0	0	0	0	0	0	0	0	0	12	0	0	0	2
September	2.31	.73	.0	6.0		NW.				7	10	13	11	11	0	0	0	6	0	0	0	0	21	10	0	0	0
October	2.06	.89	.0	7.3		NW.				5	8	18	9	8	0	0	0	9	4	3	2	0	1	0	0	0	3
November	2.23	.94	T	8.1		N.				3	5	22	17	12	1	0	1	23	13	12	9	0	0	0	11	0	0
December	3.41	.88	T	8.0		SE.				3	6	22	13	9	1	1	0	16	15	16	10	0	0	0	9	0	0
Year	23.43	1.57	T	6.1		NW.				98	91	177	115	92	6	3	1	94	54	49	30	0	52	14	45	0	9

MEMPHIS, TENN.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.83	0.68	4.6	5.0	8.5	N.	36	W.	1	15	4	12	7	7	6	3	0	2	1	0	0	15	0	0	26	1	1
February	4.71	1.59	3.9	7.7	8.6	NW.	25	W.	0	5	4	20	14	12	5	4	0	3	0	0	0	0	0	0	13	0	0
March	2.51	.87	T	5.8	9.0	E.	23	NW.	0	12	6	13	13	10	2	0	1	1	1	0	0	0	0	0	4	0	6
April	4.88	1.35	.0	6.0	10.2	S.	31	NW.	0	9	7	14	13	9	0	0	0	0	0	0	0	0	0	0	1	0	6
May	1.74	.76	.0	4.8	7.8	SW.	24	SW.	0	13	9	9	8	6	0	0	0	1	0	0	0	0	0	0	0	0	3
June	2.78	.78	.0	5.4	7.2	SW.	30	SW.	0	8	14	8	9	8	0	0	0	0	0	0	0	0	8	1	0	0	5
July	4.11	2.09	.0	6.5	6.5	SW.	25	N.	0	6	12	13	14	11	0	0	0	2	1	0	0	0	11	3	0	0	10
August	2.40	1.16	.0	4.9	6.0	E.	25	SW.	0	9	17	5	9	7	0	0	0	0	0	0	0	0	15	3	0	0	8
September	1.88	1.88	.0	3.8	6.0	E.	21	N.	0	16	7	7	1	1	0	0	0	0	0	0	0	0	8	0	0	0	3
October	1.69	1.14	.0	2.9	6.7	SW.	25	N.	0	20	8	3	5	4	0	0	0	2	0	0	0	0	0	0	0	0	0
November	3.27	1.37	.0	5.4	7.8	S.	32	SW.	1	11	7	12	12	10	0	0	0	2	0	0	0	1	0	0	5	0	1
December	3.17	1.31	.0	5.8	7.9	E.	26	W.	0	9	11	11	12	7	0	0	0	4	3	1	1	0	9	0	5	0	0
Year	34.97	2.09	8.5	5.3	7.7	SW.	36	W.	2	133	106	127	117	92	13	7	1	17	6	1	1	16	42	7	54	1	43

MERIDIAN, MISS.

Airport [H=293 ft.; H_b=310 ft.; H_t=4 ft.; H_r=4 ft.; H_a=40 ft.] City [H=343 ft.; H_b=375 ft.; H_t=67 ft.; H_r=60 ft.; H_a=92 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days—: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	3.61	1.55	5.7	5.4	6.2	N.	27	W.	0	14	3	14	12	10	6	2	0	2	1	0	0	7	0	0	25	0	1
February	7.38	2.22	T	7.3	7.8	S.	27	NW.	0	6	6	17	11	8	1	0	0	0	0	0	0	0	0	0	8	0	2
March	5.57	2.06	.0	5.7	7.1	SW.	24	NW.	0	5	18	8	9	7	0	0	0	0	0	0	0	0	0	0	3	0	7
April	6.95	3.51	.0	5.7	7.9	S.	29	SE.	0	9	8	13	10	8	0	0	0	1	1	0	1	0	0	0	1	0	6
May	1.70	.89	.0	3.2	5.6	SW.	20	NW.	0	17	9	5	6	3	0	0	0	0	0	0	0	0	2	0	0	0	5
June	6.40	3.52	.0	5.7	5.7	SW.	26	SW.	0	10	8	12	15	12	0	0	0	1	1	0	0	0	9	0	0	0	11
July	13.74	2.85	.0	6.6	5.3	SW.	26	W.	0	8	10	13	17	16	0	0	0	1	0	0	0	0	14	6	0	0	15
August	1.36	.54	.0	5.5	5.0	E.	22	SE.	0	8	14	9	10	7	0	0	0	3	1	1	1	0	19	2	0	0	6
September	1.65	1.57	.0	3.6	4.7	NE.	21	NE.	0	16	7	7	2	2	0	0	0	4	2	0	0	0	15	1	0	0	5
October	2.16	1.32	.0	3.0	4.1	[1] DI.	18	SW.	0	21	4	6	5	4	0	0	0	4	2	2	2	0	0	0	0	0	2
November	3.86	1.80	.0	5.5	6.3	N.	22	SE.	0	9	9	12	9	9	0	0	0	3	1	1	0	0	0	0	4	0	1
December	7.95	2.86	.0	5.9	6.2	NE.	32	E.	1	11	5	15	13	9	0	0	0	1	1	1	0	0	0	0	2	0	3
Year	62.33	3.52	5.7	5.3	6.0	SW.	32	E.	1	134	101	131	119	95	7	2	0	20	10	5	4	7	59	9	43	0	64

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=25 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.85	0.90	0.0	4.8	9.7	NW.	40	SW.	1	13	9	9	6	6	0	0	0	2	1	1	2	0	0	0	1	0	2
February	2.42	1.17	.0	5.1	10.9	SE.	32	SE.	1	9	12	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	2
March	3.28	1.31	.0	5.3	10.2	SE.	37	W.	2	12	9	10	7	6	0	0	0	0	0	0	0	0	0	0	0	0	4
April	.76	.57	.0	4.2	9.6	SE.	29	W.	0	14	10	6	4	4	0	0	0	0	0	0	0	0	0	0	0	0	3
May	11.11	7.71	.0	5.2	9.3	SE.	28	S.	0	10	13	8	6	5	0	0	0	0	0	0	0	0	2	0	0	0	4
June	13.53	7.39	.0	6.8	8.3	SE.	36	SW.	1	4	16	16	9	8	0	0	0	0	0	0	0	0	1	0	0	0	8
July	1.92	.61	.0	6.6	7.3	SE.	25	SE.	0	1	19	11	16	10	0	0	0	0	0	0	0	0	5	0	0	0	14
August	9.59	1.95	.0	6.7	7.0	SE.	26	W.	0	3	14	14	17	15	0	0	0	0	0	0	0	0	10	0	0	0	17
September	17.81	3.72	.0	7.4	7.7	NE.	24	S.	0	5	7	18	21	20	0	0	0	3	1	1	1	0	3	0	0	0	14
October	2.99	1.80	.0	4.3	9.4	NE.	23	NE.	0	15	11	5	8	7	0	0	0	1	1	1	1	0	0	0	0	0	0
November	1.48	.76	.0	5.2	10.7	E.	26	NE.	0	10	10	10	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0
December	3.97	2.01	.0	5.4	9.8	E.	43	S.	2	10	10	11	7	5	0	0	0	2	1	1	1	0	0	0	0	0	2
Year	71.65	7.71	.0	5.6	9.1	SE.	43	S.	7	106	134	126	113	95	0	0	0	8	4	4	5	0	21	0	1	0	70

[1] Direction indeterminate.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

MILES CITY, MONT.

Airport [ϕ=46°26′ N.; λ=105°52′ W.] City [ϕ=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	27.67	30.32	28.19	27.11	5.1	2.8	9.9	11.5	4.3	2.2	8.8	10.5	18.8	−2.4	8.2	49	−30	0	−1	5	8	3	79	81	81	82	81
February	27.48	30.07	28.03	27.05	19.9	17.3	24.7	25.1	18.9	16.5	22.6	23.2	31.1	13.6	22.4	54	−2	17	14	19	20	17	86	87	76	79	82
March	27.47	30.00	27.87	26.98	31.3	28.8	38.7	40.2	29.3	27.3	34.3	35.1	44.3	27.6	36.0	65	14	27	25	29	29	27	82	86	67	66	75
April	27.51	30.03	28.24	27.15	37.8	34.8	45.3	47.6	35.6	33.2	39.9	41.4	51.6	33.4	42.5	77	8	33	31	34	35	33	83	86	68	64	75
May	27.50	29.97	27.81	26.84	53.8	48.6	67.5	69.8	47.8	45.0	53.1	53.4	73.1	47.7	60.4	94	34	42	42	41	40	41	67	78	40	35	55
June	27.44	29.88	27.75	27.06	62.0	56.4	74.1	77.2	55.7	52.9	60.4	61.4	80.4	56.7	68.6	97	46	51	50	52	52	51	70	81	49	46	62
July	27.47	29.90	27.70	27.15	70.8	63.7	83.6	87.6	60.9	58.9	66.0	52.0	90.5	63.9	77.2	104	54	55	56	57	52	55	59	77	41	33	53
August	27.49	29.93	27.87	27.21	69.3	61.2	81.7	87.0	55.8	53.0	60.5	60.9	88.6	60.7	74.6	103	48	46	47	46	42	45	45	61	30	22	40
September	27.50	29.96	27.86	27.22	64.0	57.5	75.0	77.6	53.5	50.8	58.5	58.6	81.2	55.9	68.6	98	40	45	45	47	45	46	54	66	40	34	49
October	27.48	29.97	27.94	27.02	49.0	44.1	58.5	58.8	45.4	42.2	50.5	50.2	65.2	42.5	53.8	80	31	42	40	44	43	42	78	87	61	58	71
November	27.61	30.20	28.03	27.21	22.8	20.2	29.7	28.1	21.4	19.1	26.2	25.3	35.6	17.0	26.3	57	−10	18	16	20	20	19	80	83	68	72	76
December	27.48	30.05	28.02	26.97	24.8	21.3	30.4	30.6	22.8	19.9	27.1	27.4	38.8	18.5	28.6	52	−6	19	17	22	22	20	78	83	69	71	75
Year	27.51	30.02	28.24	26.84	42.6	38.1	51.6	53.4	37.6	35.1	42.3	41.6	58.3	36.3	47.3	104	−30	33	32	35	34	33	72	80	58	55	66

MILWAUKEE, WIS.

Airport [ϕ=42°57′ N.; λ=87°54′ W.] City [ϕ=43°02′ N.; λ=87°54′ 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	29.30	30.11	29.70	28.13	11.5	10.4	16.2	15.0	10.7	9.7	14.7	13.8	22.1	9.3	15.7	37	−15	8	7	10	9	8	82	85	74	76	79
February	29.30	30.08	29.85	28.68	24.3	22.7	27.4	27.1	23.3	21.4	25.6	25.6	32.6	22.1	27.4	41	1	20	19	22	22	21	83	83	78	81	81
March	29.26	30.03	29.76	28.75	26.2	23.8	29.2	29.4	24.6	22.7	26.8	26.8	34.0	23.5	28.8	57	5	21	20	22	22	21	80	85	73	72	78
April	29.26	30.02	29.71	28.74	37.4	36.4	43.2	40.9	34.6	34.1	38.1	37.0	47.4	35.5	41.4	72	22	31	31	31	32	31	77	80	64	71	73
May	29.15	29.90	29.54	28.66	47.5	47.0	53.0	52.6	44.6	44.7	48.0	47.6	60.4	44.1	52.2	82	30	42	42	44	43	43	82	84	73	73	78
June	29.16	29.90	29.53	28.59	60.2	60.5	67.5	67.2	56.6	56.5	59.7	59.6	74.0	55.8	64.9	88	48	54	54	54	55	54	81	80	66	67	74
July	29.34	30.07	29.62	28.90	66.4	66.5	76.8	74.4	61.9	62.1	66.1	65.0	81.1	64.6	72.8	102	52	59	60	60	60	60	79	79	59	62	70
August	29.30	30.04	29.59	29.06	65.3	64.2	71.3	69.6	62.8	62.2	65.4	64.5	74.0	62.9	68.4	85	49	61	61	62	62	62	87	89	74	76	82
September	29.37	30.11	29.74	28.94	57.7	55.4	68.8	63.4	55.0	53.4	59.2	58.2	70.7	55.7	63.2	88	40	53	52	52	54	53	84	88	58	73	76
October	29.32	30.07	29.59	29.01	50.5	48.5	59.3	54.4	47.4	46.2	51.7	50.1	61.6	49.9	55.3	80	40	44	44	45	46	45	81	85	61	75	75
November	29.33	30.09	29.75	28.22	33.7	31.6	38.6	35.8	31.7	29.9	35.1	33.3	43.2	29.4	36.3	61	9	28	27	30	30	29	81	82	71	77	78
December	29.34	30.10	29.89	28.76	28.4	26.8	30.4	29.1	27.0	25.7	28.6	27.7	35.0	24.0	29.5	47	−9	24	23	25	25	24	84	86	81	84	84
Year	29.29	30.04	29.89	28.13	42.4	41.2	48.5	46.6	40.0	39.0	43.2	42.4	53.0	39.7	46.3	102	−15	37	37	38	38	38	82	84	69	74	77

MINNEAPOLIS, MINN.

Airport [ϕ=44°53′ N.; λ=93°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
January	(1) 29.13	30.20	(1) 29.44	(1) 28.58	5.0	2.1	9.2	9.3	4.4	1.6	8.0	8.4	14.2	−1.2	6.5	35	−22	2	−1	3	4	2	85	85	74	79	81
February	29.07	30.11	29.72	28.35	18.6	15.7	23.1	22.6	17.4	14.8	20.9	20.9	27.0	11.8	19.4	36	−17	14	13	15	17	15	82	86	70	76	79
March	29.03	30.06	29.53	28.23	22.3	18.6	28.7	27.0	20.7	17.0	25.7	24.7	31.7	16.6	24.2	51	−5	17	14	20	20	18	78	84	67	72	76
April	29.00	30.00	29.51	28.43	40.4	36.7	48.6	48.8	36.2	33.7	40.9	40.9	53.0	34.3	43.6	77	12	30	29	32	31	31	68	74	55	52	62
May	28.93	29.92	29.28	28.48	51.1	48.0	61.6	63.3	46.7	44.5	50.9	51.9	66.8	45.1	56.0	87	30	42	41	41	41	41	73	77	50	49	62
June	28.89	29.86	29.33	28.63	63.9	61.6	72.6	74.2	59.0	56.8	61.5	62.9	77.8	58.3	68.0	93	49	56	53	54	56	55	76	75	54	55	65
July	29.03	29.99	29.37	28.58	69.9	67.7	81.8	83.0	64.0	63.0	67.9	69.1	87.0	64.6	75.8	103	52	61	60	60	62	61	73	78	50	50	63
August	29.03	30.01	29.33	28.75	64.3	62.3	73.1	72.3	61.0	60.0	64.4	64.6	76.9	60.6	68.8	91	49	59	58	60	60	59	83	88	65	68	70
September	29.08	30.06	29.45	28.76	60.2	55.6	72.4	70.2	55.7	52.9	60.9	60.7	76.4	54.2	65.3	91	36	52	51	53	54	52	76	84	51	58	67
October	29.00	30.00	29.40	28.63	50.0	45.9	59.5	57.3	45.3	43.0	50.4	49.3	63.9	44.0	54.0	77	33	40	40	42	42	41	71	80	54	57	66
November	29.06	30.09	29.62	27.94	27.3	25.8	31.1	29.8	25.9	24.7	28.4	27.7	34.6	20.9	27.8	62	−6	24	23	24	24	24	85	87	74	79	81
December	29.06	30.10	29.74	28.43	21.1	20.0	24.5	23.2	20.2	19.1	22.5	22.2	29.1	14.8	22.0	44	−19	18	17	18	19	18	86	88	76	83	83
Year	29.02	30.03	29.74	27.94	41.2	38.3	48.8	48.4	38.0	35.9	41.9	41.9	53.2	35.3	44.3	103	−22	35	33	35	36	35	78	82	62	65	72

MISSOULA, MONT.

Airport [ϕ=46°52′ N.; λ=114°00′ W.] City [ϕ=46°52′ N.; λ=114°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	(1 2) 26.75	(2) 30.28	(1 2) 27.17	(1 2) 26.32	(2) 18.1	(2) 16.3	(2) 20.2	(2) 21.1	(2) 17.4	(2) 15.8	(2) 19.2	(2) 19.9	27.1	14.9	21.0	41	−6	(2) 15	(2) 14	(2) 17	(2) 17	(2) 16	(2) 87	(2) 92	(2) 85	(2) 83	(2) 87
February	26.55	30.00	26.91	26.12	28.7	27.6	32.2	35.1	27.4	26.6	30.4	32.4	39.2	27.0	33.1	51	8	25	25	28	28	26	86	89	82	76	83
March	26.59	30.00	27.05	26.02	38.5	33.8	43.6	49.3	35.1	32.2	38.4	40.8	52.2	33.0	42.6	68	21	31	30	32	31	31	75	86	64	51	69
April	26.62	30.01	27.18	26.29	42.6	39.6	49.9	54.6	39.0	37.2	42.8	44.6	57.5	37.6	47.6	76	20	35	34	35	34	34	75	82	58	48	65
May	26.65	30.01	26.97	26.26	50.2	42.1	63.5	69.2	45.1	40.3	52.1	52.8	73.1	43.5	58.3	90	32	40	38	43	38	40	70	87	48	36	60
June	26.64	29.97	26.92	26.38	59.2	49.2	71.3	77.4	49.9	45.2	55.4	56.3	80.8	50.6	65.7	98	43	42	41	43	39	41	55	77	39	31	50
July	26.63	29.93	26.83	26.42	66.4	55.3	77.0	84.4	55.1	50.6	60.1	60.4	87.1	56.5	71.8	103	50	46	46	49	43	46	52	76	39	27	48
August	26.65	29.96	26.89	26.42	66.3	52.7	76.5	87.5	51.8	46.3	57.4	59.3	88.9	53.0	71.0	100	44	39	40	43	37	40	38	63	31	18	37
September	26.64	29.98	26.86	26.41	58.2	52.2	66.0	70.6	52.9	49.4	56.1	57.7	75.5	50.7	63.1	91	39	49	47	49	49	49	74	85	57	50	66
October	26.66	30.04	27.05	26.30	45.7	41.7	50.1	57.1	43.4	40.5	45.7	49.4	61.3	39.8	50.6	73	33	41	39	41	43	41	85	92	73	61	78
November	26.75	30.24	27.24	26.32	25.9	23.7	30.7	32.0	25.1	23.1	28.6	29.6	37.4	22.6	30.0	53	7	24	22	25	26	24	92	93	79	78	86
December	26.64	30.12	27.00	26.02	26.7	24.1	28.7	30.4	25.6	23.3	27.1	28.1	36.5	24.4	30.4	54	3	24	22	24	24	24	88	92	84	79	86
Year	26.65	30.05	27.24	26.02	43.9	38.2	50.8	55.7	39.0	35.9	42.8	44.3	59.7	37.8	48.8	103	−6	34	33	36	34	34	73	84	62	53	68

[1] Pressure at airport adjusted to the old (city) station elevation: Miles City, 2,371 feet; Milwaukee, 681 feet; Minneapolis, 919 feet; Missoula, 3,263 feet.

[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

MILES CITY, MONT.

Airport [H=2,629 ft.; H_b=2,634 ft.; H_t=5 ft.; H_r=3 ft.; H_a=28] City [H=2,351 ft.; H_b=2,371 ft.; H_t=48 ft.; H_r=41 ft.; H_a=55 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.18	0.05	2.4	7.0	5.9	S.	24	NW.	0	5	9	17	7	3	16	7	0	1	0	0	1	25	0	0	31	16	0
February	.54	.16	7.5	7.2	6.5	NE.	26	NW.	0	2	14	13	12	7	18	10	0	1	1	2	2	16	0	0	29	1	0
March	1.06	.38	5.8	7.7	6.7	NE.	28	N.	0	4	9	18	9	6	13	6	0	1	1	1	1	7	0	0	24	0	0
April	1.92	1.10	11.6	8.3	8.0	NW.	26	W.	0	2	5	23	14	11	9	5	0	1	1	1	1	1	0	0	12	0	2
May	1.65	.49	.0	5.4	6.9	S.	32	NW.	1	5	18	8	9	7	0	0	2	0	0	0	1	0	1	0	0	0	6
June	2.48	.59	.0	4.9	7.2	NW.	40	NW.	1	9	15	6	11	8	0	0	0	0	0	0	0	0	5	1	0	0	6
July	1.78	1.25	.0	4.8	6.3	NE.	34	N.	1	13	13	5	10	6	0	0	2	0	0	0	0	0	17	8	0	0	14
August	.93	.43	.0	3.6	6.1	SE.	29	NW.	0	14	14	3	4	3	0	0	0	0	0	0	0	0	14	9	0	0	8
September	.51	.47	.0	4.6	5.8	NE.	20	SE.	0	11	13	6	5	2	0	0	0	0	0	0	0	0	3	2	0	0	3
October	2.36	1.14	.0	6.0	5.4	S.	23	W.	0	8	9	14	8	7	0	0	0	2	1	1	1	0	0	0	1	0	2
November	.34	.12	3.1	6.1	5.8	S.	23	NW.	0	9	9	12	5	4	11	5	0	0	0	0	0	8	0	0	29	4	0
December	.39	.22	5.3	5.3	5.2	S.	25	NW.	0	12	6	13	6	2	6	5	0	1	1	1	0	8	0	0	31	2	0
Year	14.14	1.25	35.7	5.9	6.3	S.	40	NW.	3	94	134	138	100	66	73	38	4	7	5	6	7	65	40	20	157	23	41

MILWAUKEE, WIS.

Airport [H=679 ft.; H_b=698 ft.; H_t=33 ft.; H_r=29 ft.; H_a=66 ft.] City [H=619 ft.; H_b=681 ft.; H_t=97 ft.; H_r=89 ft.; H_a=221 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.57	1.25	9.5	6.2	12.2	W.	34	NW.	1	9	8	14	8	5	19	8	0	7	1	1	0	25	0	0	31	8	0
February	1.33	.54	14.8	7.7	12.3	N.	32	N.	1	5	6	18	10	6	15	10	0	5	2	0	0	13	0	0	28	0	0
March	2.07	.77	15.1	6.5	13.9	N.	38	W.	3	7	9	15	10	8	12	6	0	7	1	1	0	11	0	0	25	0	0
April	2.96	1.00	2.5	6.3	12.7	N.	34	N.	2	8	9	13	9	8	5	2	1	8	3	0	1	0	0	0	4	0	2
May	3.80	.87	T	7.7	12.4	N.	36	SW.	3	2	10	19	14	11	2	0	0	5	4	2	0	0	0	0	2	0	2
June	7.54	4.69	.0	6.3	12.0	W.	34	W.	1	5	14	11	11	9	0	0	0	8	5	1	2	0	0	0	0	0	2
July	.91	.40	.0	4.5	10.3	W.	36	N.	1	14	13	4	7	4	0	0	0	4	1	1	0	0	8	3	0	0	6
August	6.68	1.90	.0	7.1	10.1	E.	28	SW.	0	3	12	16	14	13	0	0	0	10	5	1	2	0	0	0	0	0	8
September	.55	.54	.0	4.9	10.5	W.	30	N.	0	13	7	10	3	2	0	0	0	5	0	0	1	0	0	0	0	0	0
October	1.48	.78	.0	5.8	12.5	N.	34	SE.	2	10	8	13	6	4	0	0	1	7	2	0	1	0	0	0	0	0	1
November	2.80	.93	18.0	6.8	14.8	W.	54	SW.	4	7	7	16	11	8	9	5	0	3	0	0	0	5	0	0	15	0	1
December	.95	.75	1.3	8.4	13.3	N.	34	N.	1	1	9	21	8	6	7	4	0	11	2	0	0	8	0	0	21	2	0
Year	32.64	4.69	61.2	6.5	12.2	N.	54	SW.	19	84	112	170	111	84	69	35	2	80	26	7	7	62	8	3	126	10	22

MINNEAPOLIS, MINN.

Airport [H=830 ft.; H_b=838 ft.; H_t=43 ft.; H_r=42 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 of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.37	0.15	5.0	5.6	9.8	NW.	32	NW.	1	10	8	13	10	3	21	10	0	11	2	1	1	30	0	0	31	19	0
February	.91	.33	9.1	7.1	9.7	NW.	26	N.	0	6	6	17	9	7	16	9	0	14	0	1	1	22	0	0	28	4	0
March	2.16	.72	25.6	6.7	10.1	E.	33	W.	1	7	9	15	9	8	13	6	0	12	1	2	2	14	0	0	30	4	1
April	1.21	.45	T	7.1	11.7	N.	34	S.	2	6	8	18	9	7	2	1	0	7	0	0	0	1	0	0	9	0	1
May	1.64	.71	T	6.3	10.6	N.	34	NE.	2	9	6	16	14	10	2	0	0	11	1	2	1	0	0	0	1	0	5
June	7.10	1.69	.0	6.1	10.3	NW.	31	NW.	0	8	8	14	14	12	0	0	0	5	1	1	1	0	2	0	0	0	11
July	2.46	1.06	.0	5.4	8.5	S.	26	NE.	0	10	12	9	11	9	0	0	1	11	0	0	0	0	11	7	0	0	8
August	4.54	.82	.0	7.2	8.9	SE.	37	N.	2	4	8	19	17	14	0	0	0	15	1	0	0	0	4	0	0	0	7
September	.41	.22	.0	4.0	9.4	S.	28	NW.	0	14	10	6	5	2	0	0	0	10	2	3	1	0	1	0	0	0	1
October	1.57	.52	.0	6.0	10.3	SE.	30	S.	0	8	10	13	10	8	0	0	0	6	1	1	2	0	.0	0	0	0	4
November	5.15	2.91	26.3	8.2	10.6	NW.	38	W.	2	4	3	23	12	9	10	6	0	13	1	0	0	11	0	0	23	3	0
December	1.02	.63	10.6	7.5	9.8	S.	33	NW.	1	3	8	20	9	3	16	9	0	20	3	1	2	14	0	0	29	7	0
Year	28.54	2.91	76.6	6.4	10.0	SE.	38	W.	11	89	94	183	129	92	80	41	1	135	13	12	11	92	18	7	151	37	38

MISSOULA, MONT.

Airport [H=3,184 ft.; H_b=3,189 ft.; H_t=4 ft.; H_r=3 ft.; H_a=28 ft.] City [H=3,200 ft.; H_b=3,263 ft.; H_t=80 ft.; H_r=77 ft.; H_a=91 ft.]

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.01	0.16	11.2	8.5	5.6	W.	36	E.	1	4	2	25	15	9	19	14	0	10	9	1	3	29	0	0	29	5	0
February	1.43	.26	5.8	9.0	6.7	SE.	33	SW.	1	1	2	26	19	12	18	13	0	6	1	0	0	3	0	0	21	0	0
March	1.22	.35	1.1	7.6	6.1	SE.	24	SW.	0	3	9	19	14	9	6	3	2	0	0	0	0	0	0	0	11	0	0
April	1.64	.54	T	7.8	8.6	E.	43	NE.	3	2	8	20	18	11	3	2	2	0	0	0	0	0	0	0	4	0	2
May	.88	.47	.0	5.4	6.4	NW.	36	N.	1	8	14	9	8	6	0	0	0	2	0	0	0	0	1	0	0	0	4
June	1.14	.38	.0	4.5	6.3	NW.	26	W.	0	12	11	7	8	6	0	0	0	0	0	0	0	0	7	3	0	0	4
July	1.08	.37	.0	4.5	6.4	E.	37	SW.	1	10	16	5	11	7	0	0	0	0	0	0	0	0	13	5	0	0	7
August	.14	.13	.0	2.6	6.2	NW.	25	NW.	0	20	9	2	2	1	0	0	0	0	0	0	0	0	15	6	0	0	3
September	1.68	.62	.0	6.3	6.3	E.	31	SE.	0	4	17	9	12	9	0	0	0	2	0	0	0	0	4	0	0	0	5
October	.83	.19	.0	7.0	5.2	SE.	23	NE.	0	6	9	16	12	7	0	0	0	2	1	0	0	0	0	0	0	0	1
November	1.04	.39	5.0	6.9	5.1	SE.	32	W.	1	4	10	16	10	8	17	5	1	4	0	0	0	9	0	0	25	0	0
December	.23	.09	1.4	7.4	5.7	SE.	22	SW.	0	4	8	19	8	2	8	4	1	8	2	0	2	9	0	0	25	0	0
Year	12.32	.62	24.5	6.5	6.2	SE.	43	NE.	8	78	115	173	137	87	71	41	6	34	13	1	5	41	40	14	115	5	26

TABLE 16—*Annual meteorological summaries for the year ended Dec. 31, 1940*—continued

MOBILE, ALA.

Airport [ϕ=30°38′ N.; λ=88°04′ W.] City [ϕ=30°42′ N.; λ=38°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.	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)	° (1)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	° (2)	°	°	°	°	°	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	30.33	30.20	30.49	29.60	35.2	32.3	45.7	41.4	33.6	30.8	39.1	37.6	49.2	29.9	39.6	74	14	31	28	29	32	30	83	84	53	68	72
February	29.98	30.04	30.39	29.44	45.6	43.3	54.5	51.5	44.0	42.0	48.6	47.9	58.6	41.6	50.1	75	29	42	40	42	44	42	88	89	65	76	80
March	29.95	30.01	30.34	29.44	53.6	50.2	64.7	60.3	51.7	49.1	56.2	55.2	68.4	50.4	59.4	79	36	50	48	49	50	49	88	92	59	72	78
April	29.94	30.00	30.32	29.57	60.4	58.7	69.4	66.0	58.5	56.9	61.9	61.4	73.0	57.3	65.2	82	33	57	55	56	58	57	89	90	66	77	80
May	29.91	29.98	30.25	29.62	64.4	63.1	78.7	74.7	62.0	60.9	65.5	66.3	81.7	62.6	72.2	88	54	60	60	57	61	60	88	89	50	65	73
June	29.94	30.00	30.09	29.78	74.2	74.4	82.2	79.4	72.1	72.4	74.6	73.5	86.0	72.0	79.0	93	64	71	72	71	71	71	91	91	72	76	82
July	29.99	30.05	30.15	29.83	75.4	75.2	84.3	80.7	73.8	73.6	76.8	75.6	87.9	73.5	80.7	96	68	73	73	74	74	73	93	93	72	80	85
August	29.91	29.97	30.08	29.77	75.1	74.2	86.6	81.7	73.2	72.6	76.3	75.6	89.8	73.4	81.6	95	62	72	72	72	73	72	92	93	63	76	81
September	29.94	30.00	30.11	29.69	68.3	66.0	83.6	76.5	65.6	63.6	69.5	69.0	85.7	66.1	75.9	94	53	64	62	62	65	63	87	88	50	69	73
October	30.02	30.08	30.22	29.81	58.5	55.6	78.4	68.4	56.7	54.7	64.7	62.6	80.5	57.7	69.1	86	46	55	54	56	59	56	89	94	48	73	76
November	30.11	30.17	30.43	29.72	53.3	51.8	65.6	58.7	50.9	49.8	56.8	54.1	68.0	49.5	58.8	80	24	48	48	49	50	49	84	86	57	73	75
December	30.00	30.06	30.36	29.08	52.4	50.7	61.4	56.5	50.3	49.4	55.4	53.2	65.0	49.0	57.0	75	37	48	48	50	50	49	86	91	69	80	82
Year	29.99	30.05	30.49	29.08	59.7	58.0	71.3	66.3	57.7	56.3	62.1	61.0	74.5	56.9	65.7	96	14	56	55	56	57	56	88	90	60	74	78

MODENA, UTAH

[ϕ=37°48′ N.; λ=113°54′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	24.64	30.08	24.93	24.25	27.6	24.2	35.1	37.9	26.4	23.3	31.3	33.5	41.3	20.9	31.1	53	5	24	22	26	28	25	87	89	69	67	78
February	24.59	30.00	24.84	24.18	31.8	28.7	38.7	40.7	29.6	26.9	33.3	34.5	43.9	25.6	34.8	57	12	26	24	26	26	26	79	82	61	57	70
March	24.57	29.92	24.92	24.15	34.7	29.3	49.8	54.4	29.1	25.7	37.4	38.9	57.9	25.5	41.7	75	12	20	20	21	17	19	55	67	32	24	45
April	24.55	29.86	24.96	24.16	43.1	36.5	55.5	59.9	35.9	32.3	42.2	43.2	63.2	32.4	47.8	77	22	27	27	27	24	26	54	68	36	28	46
May	24.59	29.85	24.84	24.38	53.2	43.7	70.8	73.9	41.1	36.0	49.3	50.1	77.2	41.3	59.2	84	33	27	26	28	26	26	37	50	20	18	31
June	24.60	29.82	24.78	24.37	64.7	52.2	79.7	82.6	46.6	40.4	53.7	54.3	86.7	49.3	68.0	97	36	27	26	30	28	28	26	37	18	17	24
July	24.67	29.88	24.81	24.46	----	55.9	----	87.0	----	43.7	----	56.3	89.2	53.9	71.6	97	42	----	30	----	30	30	----	39	----	14	26
August	24.67	29.87	24.85	24.51	----	56.7	----	85.6	----	47.0	----	57.8	90.2	54.5	72.4	101	42	----	38	----	36	37	----	51	----	20	35
September	----	----	24.86	24.43	----	----	----	----	----	----	----	----	74.0	46.8	60.4	85	37	----	----	----	----	----	----	----	----	----	----
October	----	----	24.96	24.20	----	----	----	----	----	----	----	----	68.2	34.2	51.2	79	25	----	----	----	----	----	----	----	----	----	----
November	----	----	25.00	24.33	----	----	----	----	----	----	----	----	48.5	21.4	35.0	63	10	----	----	----	----	----	----	----	----	----	----
December	----	----	24.95	24.11	----	----	----	----	----	----	----	----	41.7	19.5	30.6	64	−15	----	----	----	----	----	----	----	----	----	----
Year	----	----	25.00	24.11	----	----	----	----	----	----	----	----	65.2	35.4	50.3	101	−15	----	----	----	----	----	----	----	----	----	----

MONTGOMERY, ALA.

Airport [ϕ=32°24′ N.; λ=86°14′ W.] City [ϕ=32°23′ N.; λ=86°18′ 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	29.94	30.18	30.27	29.29	31.7	27.6	41.7	36.7	29.2	26.3	35.4	32.4	45.5	26.9	36.2	66	10	24	24	25	24	24	74	84	53	61	68
February	29.80	30.04	30.22	29.27	41.8	39.7	51.6	47.9	39.5	38.0	44.5	43.4	55.3	38.8	47.0	74	28	36	36	36	38	36	80	85	58	70	73
March	29.77	30.00	30.11	29.21	49.7	45.6	62.3	59.7	46.3	44.2	52.1	51.5	67.3	46.0	56.6	81	33	43	42	42	43	43	77	89	50	57	68
April	29.76	29.99	30.09	29.45	58.0	55.0	68.7	66.8	53.7	52.1	57.4	57.1	72.9	54.1	63.5	86	31	50	49	48	49	49	76	82	51	55	66
May	29.73	29.96	30.10	29.42	62.8	61.0	78.6	75.7	58.2	57.8	62.8	62.6	82.2	60.1	71.2	93	47	55	55	52	54	54	77	82	41	48	62
June	29.78	30.01	29.95	29.56	71.4	71.5	85.2	81.2	68.8	68.9	72.4	71.9	88.1	69.9	79.0	93	63	68	68	66	67	67	88	88	54	65	74
July	29.83	30.06	29.98	29.67	73.9	74.1	84.7	80.6	72.1	72.1	74.6	74.3	88.2	72.4	80.3	99	65	71	71	71	72	71	92	91	64	76	81
August	29.74	29.97	29.93	29.58	75.0	73.8	87.4	82.8	71.9	71.4	75.0	74.5	90.9	73.1	82.0	97	65	71	70	70	71	70	86	89	56	68	75
September	29.79	30.02	29.98	29.47	67.7	64.1	83.9	77.5	62.8	61.3	66.9	66.0	86.1	65.0	75.6	97	48	60	60	57	59	59	76	85	41	54	64
October	29.85	30.08	30.07	29.63	58.0	53.3	78.3	68.3	54.8	51.8	62.1	59.2	80.5	56.9	68.7	88	48	52	50	51	53	52	82	90	40	59	68
November	29.95	30.19	30.23	29.52	50.3	46.8	62.9	56.3	47.1	45.0	53.2	50.3	66.1	46.7	56.4	80	22	43	43	43	44	43	77	86	52	65	70
December	29.86	30.09	30.22	29.05	48.4	45.6	57.9	53.7	46.0	43.9	51.1	49.0	61.0	45.0	53.0	74	31	43	42	44	44	43	83	88	63	72	76
Year	29.82	30.05	30.23	29.05	57.4	54.8	70.3	65.6	54.2	52.7	59.0	57.7	73.7	54.6	64.1	99	10	51	51	50	52	51	81	87	52	62	70

MOORHEAD, MINN.

Airport [ϕ=46°54′ N.; λ=96°48′ W.] City [ϕ=46°52′ N.; λ=96°44′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
	(1 2)	(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	30.26	29.50	28.62	1.6	−2.1	7.7	7.4	1.2	−2.4	6.6	6.7	13.4	−5.4	4.0	41	−22	0	−4	2	4	1	92	91	77	86	86
February	29.07	30.14	29.71	28.40	13.7	11.4	19.2	19.2	13.2	10.9	17.8	18.1	22.6	7.9	15.2	41	−16	12	10	14	15	13	90	91	78	84	86
March	29.04	30.11	29.47	28.43	17.4	15.5	24.3	23.8	16.8	15.0	22.5	22.0	26.4	14.3	20.4	41	−10	16	14	18	19	16	91	92	76	81	85
April	29.00	30.04	29.64	28.41	36.0	33.3	44.9	45.2	33.2	31.3	38.7	39.0	48.9	30.8	39.8	71	8	29	28	31	31	30	76	82	59	60	69
May	28.78	29.96	29.31	28.51	48.2	45.6	63.2	63.7	43.8	42.4	51.5	51.7	67.0	43.0	55.0	86	30	39	39	41	41	40	72	78	46	46	61
June	28.87	29.87	29.30	28.59	57.4	54.8	71.3	73.1	53.2	51.8	59.6	60.8	75.2	51.4	63.3	93	39	50	49	52	52	51	77	83	53	51	66
July	28.98	29.97	29.32	28.58	66.5	63.0	80.7	82.9	61.4	59.5	66.4	67.6	84.7	60.4	72.6	101	48	58	57	58	59	58	76	82	49	46	63
August	29.01	30.01	29.32	28.65	62.5	58.9	73.5	75.9	59.5	56.8	63.9	64.3	76.4	57.2	66.3	90	43	58	55	58	59	58	85	89	65	62	75
September	29.03	30.04	29.46	28.65	58.1	51.5	72.5	71.6	54.0	49.3	60.5	60.0	76.4	51.2	63.8	92	30	51	47	52	52	50	77	86	50	51	66
October	28.94	29.96	29.40	28.39	48.0	43.7	59.8	55.5	43.3	40.9	50.0	47.7	62.1	41.9	52.0	78	31	38	38	40	40	39	70	80	52	58	65
November	29.07	30.14	29.63	28.55	23.0	22.6	27.6	24.7	21.9	21.4	25.4	23.2	30.3	18.3	24.3	51	−6	20	19	22	21	20	88	86	78	84	84
December	29.01	30.08	29.75	28.30	16.9	15.6	20.9	20.4	16.4	15.1	20.0	19.8	25.9	10.0	18.0	40	−23	15	14	18	18	16	92	93	86	92	91
Year	29.00	30.05	29.75	28.30	37.4	34.5	47.1	46.8	34.8	32.7	40.2	40.1	50.8	31.8	41.3	101	−23	32	30	34	34	33	82	86	64	67	75

[1] Pressure at airport adjusted to the old (city) station elevation: Mobile, 59 feet; Montgomery, 218 feet; Moorhead, 940 feet.
[2] Airport data.

TABLE 16—*Annual meteorological summaries for the year ended Dec. 31, 1940*—continued

MOBILE, ALA.

Airport [H=26 ft.; H_b=29 ft.; H_t=5 ft.; H_r=3 ft.; H_a=39 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 of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	2.65	1.18	T	4.8	11.2	NW.	34	NW.	2	12	11	8	9	7	2	0	0	2	1	0	1	2	0	0	20	0	1
February	5.56	2.71	0.0	7.0	11.5	NW.	44	E.	3	5	8	16	10	9	0	0	0	3	1	0	1	0	0	0	3	0	4
March	4.19	1.75	.0	5.7	10.8	S.	33	NW.	1	7	14	10	12	9	0	0	0	1	1	0	1	0	0	0	0	0	6
April	4.78	1.46	.0	6.3	11.9	SE.	36	SE.	5	9	5	16	10	8	0	0	1	4	0	0	3	0	0	0	0	0	4
May	4.37	3.04	.0	3.2	9.2	S.	27	NW.	0	19	6	6	7	4	0	0	0	2	0	0	2	0	0	0	0	0	3
June	12.49	3.47	.0	6.5	9.7	S.	29	SE.	0	5	13	12	16	12	0	0	0	1	0	0	0	0	6	0	0	0	12
July	9.82	1.98	.0	6.5	7.5	S.	29	SW.	0	4	15	12	20	19	0	0	0	0	0	0	0	0	9	1	0	0	18
August	2.24	.69	.0	5.0	8.5	S.	29	NE.	0	10	16	5	9	6	0	0	0	2	0	0	0	0	18	1	0	0	7
September	4.86	2.88	.0	3.8	9.5	N.	26	S.	0	17	8	5	5	5	0	0	0	2	0	0	0	0	13	0	0	0	5
October	.57	.36	.0	2.6	8.3	NW.	28	NW.	0	19	10	2	4	2	0	0	0	7	0	0	3	0	0	0	0	0	1
November	3.00	2.14	.0	6.4	10.4	N.	28	NW.	0	6	11	13	8	6	0	0	0	4	0	0	2	0	0	0	3	0	2
December	7.74	3.08	.0	6.7	10.5	N.	42	E.	1	7	7	17	13	12	0	0	0	2	1	0	1	0	0	0	0	0	3
Year	62.27	3.47	T	5.4	9.9	S.	44	E.	12	120	124	122	123	99	2	0	1	30	4	0	14	2	46	2	26	0	66

MODENA, UTAH

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

January	0.61	0.22	3.2	6.3	7.9	SW.	29	NW.	0	9	7	15	10	5	9	6	0	2	0	0	0	3	0	0	28	0	1
February	1.72	.76	2.0	7.7	9.4	SW.	29	SW.	0	4	6	19	13	8	12	6	1	1	0	0	0	0	0	0	21	0	1
March	.07	.30	T	5.7	10.4	W.	34	S.	3	9	10	12	3	0	4	0	0	0	0	0	0	0	0	0	29	0	0
April	.70	.35	.1	6.5	10.6	SW.	38	S.	3	6	10	14	7	2	3	1	3	0	0	0	0	0	0	0	13	0	3
May	T	T	.0	5.5	10.4	SW.	34	SW.	2	8	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
June	.30	.29	.0	3.7	10.7	SW.	43	NW.	4	14	13	3	2	1	0	0	0	0	0	0	0	0	15	5	0	0	5
July	T	T	.0	3.1	11.5	SW.	30	SW.	0	19	8	4	0	0	0	0	0	0	0	0	0	0	16	4	0	0	0
August	.49	.30	.0	3.0	10.1	SW.	32	S.	1	21	9	1	4	3	0	0	2	0	0	0	0	0	17	6	0	0	9
September	2.88	.92	.0	5.2	9.3	W.	38	NW.	4	9	11	10	12	7	0	0	1	2	0	0	0	0	0	0	0	0	12
October	.93	.50	1.8	3.9	9.3	W.	50	SW.	2	18	4	9	4	3	2	2	1	0	0	0	0	0	0	0	10	0	3
November	.25	.15	2.9	5.4	9.0	W.	29	NW.	0	11	11	8	2	2	4	2	0	0	0	0	0	0	0	0	28	0	0
December	.68	.22	5.7	6.8	7.3	W.	34	SW.	1	8	4	19	10	5	10	6	0	5	2	1	2	7	0	0	30	3	0
Year	8.63	0.92	15.7	5.2	9.7	SW.	50	SW.	20	136	107	123	67	36	44	23	8	10	2	1	2	10	48	15	159	3	39

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=218 ft.; H_t=92 ft.; H_r=90 ft.; H_a=105 ft.]

January	3.93	1.58	1.2	4.9	7.7	NW.	27	W.	0	13	8	10	8	6	4	1	0	3	2	0	0	4	0	0	25	0	2
February	5.48	2.04	.0	7.8	8.5	W.	25	E.	0	4	7	18	12	10	0	0	0	0	0	0	0	0	0	0	4	0	2
March	5.94	2.92	.0	6.1	8.1	N.	28	SW.	0	7	10	14	14	11	0	0	0	3	1	1	0	0	0	0	0	0	7
April	3.73	2.23	.0	6.4	8.3	SE.	25	SE.	0	9	4	17	8	7	0	0	0	1	1	1	1	0	0	0	1	0	4
May	1.43	.44	.0	3.2	6.9	N.	24	NW.	0	19	8	4	9	5	0	0	0	0	0	0	0	0	3	0	0	0	1
June	6.24	2.21	.0	6.1	6.4	SE.	21	S.	0	7	11	12	10	10	0	0	0	1	0	0	0	0	10	0	0	0	5
July	6.15	2.69	.0	6.4	6.0	E.	21	NE.	0	10	5	16	17	14	0	0	0	0	0	0	0	0	15	7	0	0	15
August	1.98	.95	.0	5.4	6.4	E.	26	S.	0	9	14	8	7	5	0	0	0	0	0	0	0	0	16	5	0	0	9
September	.29	.23	.0	4.5	6.4	E.	21	NW.	0	15	5	10	3	2	0	0	0	1	0	0	0	0	13	5	0	0	0
October	.41	.35	.0	2.4	5.5	N.	21	W.	0	22	5	4	2	2	0	0	0	2	1	1	1	0	0	0	0	0	0
November	2.79	1.34	.0	5.9	7.3	SE.	21	W.	0	8	8	14	9	8	0	0	0	3	0	0	0	0	0	0	3	0	0
December	6.79	2.66	.0	6.7	7.1	E.	21	E.	0	10	3	18	13	11	0	0	0	8	3	0	0	0	0	0	1	0	0
Year	45.16	2.92	1.2	5.5	7.0	N.	28	SW.	0	133	88	145	112	91	4	1	0	22	8	3	2	4	57	17	34	0	45

MOORHEAD, MINN.

Airport [H=895 ft.; H_b=899 ft.; H_t=5 ft.; H_r=28 ft.; H_a=35 ft.] City [H=904 ft.; H_b=940 ft.; H_t=50 ft.; H_r=43 ft.; H_a=58 ft.]

January	0.13	0.06	2.6	5.3	8.0	NW.	21	NW.	0	12	8	11	6	1	15	6	0	5	0	0	0	29	0	0	31	22	0
February	.48	.17	6.3	7.8	7.1	N.	22	N.	0	5	4	20	11	5	21	11	0	14	1	2	1	28	0	0	29	7	0
March	1.33	.60	14.6	7.6	7.6	NW.	20	N.	0	5	6	20	12	9	16	12	0	7	2	2	2	25	0	0	31	5	0
April	1.07	.39	.7	6.6	9.6	N.	26	SE.	0	7	10	13	9	4	4	3	0	2	1	1	1	2	0	0	17	0	3
May	1.40	.95	.0	5.0	8.7	N.	27	W.	0	14	8	9	9	6	0	0	0	0	0	0	0	0	0	0	2	0	1
June	1.75	.80	.0	5.6	8.8	N.	24	N.	0	9	11	10	9	7	0	0	0	0	0	0	0	0	1	0	0	0	4
July	3.66	1.44	.0	4.2	7.6	S.	31	NW.	0	13	14	4	10	6	0	0	0	0	0	0	0	0	7	2	0	0	7
August	3.33	1.41	.0	4.9	7.0	SE.	27	NE.	0	14	7	10	10	9	0	0	0	6	0	0	0	0	0	0	0	0	6
September	.22	.11	.0	3.3	7.7	S.	21	N.	0	17	9	4	6	2	0	0	0	0	0	0	0	0	2	0	1	0	1
October	2.22	.87	.0	5.6	9.2	SE.	31	SE.	0	11	9	11	8	6	0	0	0	1	0	0	0	0	0	0	3	0	1
November	.52	.22	6.3	8.1	9.5	NW.	34	N.	1	3	5	22	8	6	15	8	0	2	0	0	0	15	0	0	23	5	0
December	.53	.36	6.3	7.5	7.9	S.	27	NW.	0	8	2	21	8	2	18	8	0	12	6	5	3	21	0	0	31	11	0
Year	16.65	1.44	36.8	6.0	8.2	N.	34	N.	1	118	93	155	106	63	89	48	0	49	10	10	7	120	10	2	168	50	23

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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	23.23	29.98	23.84	22.59	−3.7	−3.6	0.3	−2.4	−4.4	−4.1	−4.0	−3.0	3.9	−8.9	−2.5	28	−30	−10	−7	−4	−7	−7	82	85	84	84	84
February	23.35	29.93	23.91	22.44	5.6	6.5	8.7	7.0	4.7	5.7	7.5	6.1	13.9	−.5	6.7	32	−15	0	1	2	2	2	80	81	76	80	80
March	23.32	29.87	23.95	22.66	7.5	7.8	11.7	6.8	6.6	6.0	10.0	7.6	17.1	2.0	9.6	38	−22	3	2	5	5	3	86	83	77	87	85
April	23.51	29.97	24.00	22.83	16.8	17.4	21.4	18.6	16.0	16.1	19.7	17.5	26.5	11.9	19.2	51	−3	14	14	16	15	15	90	87	82	88	87
May	23.73	29.97	24.08	23.37	34.7	35.7	39.6	36.8	33.1	33.3	37.2	35.6	42.5	30.5	36.5	55	14	31	29	29	34	32	87	81	83	91	86
June	23.72	29.87	24.11	23.31	40.7	41.4	45.1	43.4	39.9	40.2	43.7	41.8	48.2	35.4	41.8	61	22	39	38	42	40	39	94	91	91	90	91
July	23.93	30.05	24.16	23.49	46.5	46.7	51.0	49.0	45.5	45.0	48.4	46.3	53.7	42.8	48.2	64	31	45	44	46	46	45	94	89	86	92	90
August	23.99	30.14	24.34	23.59	45.0	45.6	50.1	47.5	42.2	41.8	46.6	44.8	52.2	41.0	46.6	64	24	38	37	44	42	40	84	77	80	85	82
September	23.80	30.04	24.10	23.39	37.7	37.7	40.5	38.0	36.8	36.4	39.4	37.6	42.5	33.1	37.8	54	14	35	34	38	37	36	93	90	93	97	94
October	23.08	30.08	24.09	23.19	25.8	25.4	28.0	25.7	23.4	22.9	24.8	23.6	31.7	19.6	25.6	53	1	18	18	19	19	18	79	78	74	78	78
November	23.56	30.03	24.06	22.82	18.7	18.9	20.0	18.8	18.0	17.9	19.0	17.5	25.7	11.9	18.8	39	−14	16	15	17	14	14	92	86	89	86	86
December	23.50	30.04	23.98	23.16	14.2	12.8	14.3	13.6	12.9	11.9	13.3	12.1	22.3	5.1	13.7	43	−26	9	8	11	7	9	80	83	89	79	82
Year	23.61	30.00	24.34	22.44	24.1	24.4	27.6	25.2	22.9	22.8	25.5	24.0	31.7	18.7	25.2	64	−30	18	19	22	21	20	87	84	84	86	85

NANTUCKET, MASS.

[ϕ=41°17′ N.; λ=70°06′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.93	29.94	30.50	29.50	25.1	25.5	28.7	26.7	23.3	21.8	25.7	24.0	30.8	20.9	25.8	50	13	18	17	19	17	18	74	75	65	66	70
February	29.85	29.87	30.37	28.65	31.3	29.9	33.8	32.2	29.8	28.5	31.1	30.1	36.5	27.4	32.0	51	19	27	26	26	26	26	82	83	72	78	79
March	29.88	29.89	30.53	29.33	31.5	32.0	37.3	33.0	29.7	29.9	33.7	30.8	39.3	28.3	33.8	57	18	26	25	28	27	26	79	76	69	77	75
April	29.92	29.93	30.35	29.10	39.6	41.6	45.4	40.7	37.9	38.9	41.1	38.5	48.0	36.6	42.3	56	30	35	35	36	36	36	85	79	71	82	79
May	29.94	29.95	30.26	29.54	49.7	53.8	58.2	50.8	48.7	51.0	53.0	49.0	60.5	46.9	53.7	70	41	48	48	48	47	48	93	84	72	88	84
June	29.89	29.91	30.34	29.47	57.0	61.4	65.2	58.6	55.0	57.2	58.4	55.6	68.0	54.2	61.1	81	50	53	54	54	53	54	88	78	68	84	80
July	30.02	30.04	30.31	29.69	62.9	67.0	72.0	64.8	61.5	64.4	66.1	62.7	74.2	60.9	67.6	88	55	61	63	63	61	62	93	87	74	89	86
August	30.12	30.14	30.43	29.63	62.5	66.5	71.1	64.1	60.2	62.8	63.1	61.0	73.1	59.8	66.4	80	54	59	60	58	59	59	88	81	65	84	80
September	30.00	30.01	30.35	29.30	59.7	61.7	66.6	60.1	57.3	58.6	59.8	57.3	68.7	56.7	62.7	78	45	55	56	55	55	55	86	83	67	84	80
October	30.04	30.05	30.43	29.70	49.7	51.0	54.9	49.8	46.2	47.7	49.0	45.9	56.5	45.5	51.0	70	32	42	44	43	41	42	75	78	65	73	73
November	30.06	30.08	30.61	29.35	43.8	44.3	48.6	44.5	41.0	41.9	43.8	41.5	50.3	39.8	45.0	61	25	38	39	38	37	38	79	81	67	76	76
December	30.08	30.09	30.61	29.46	38.1	36.4	41.5	38.9	36.0	34.6	37.7	36.4	45.5	31.9	38.7	55	14	33	32	32	32	32	80	81	69	77	77
Year	29.98	29.99	30.61	28.65	45.9	47.4	51.9	47.0	43.9	44.8	46.9	44.4	54.3	42.4	48.3	88	13	41	42	42	41	41	84	80	69	80	78

NASHVILLE, TENN.

Airport [ϕ=36°07′ N.; λ=86°41′ W.] City [ϕ=36°10′ N.; λ=86°47′ 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	29.59	30.20	29.93	28.79	22.6	18.6	28.3	27.6	20.8	17.2	24.7	24.6	33.3	16.4	24.8	57	−5	16	14	16	18	16	76	80	60	66	70
February	29.42	30.02	29.90	28.86	37.0	35.0	42.7	41.2	34.6	33.3	38.3	37.9	47.1	32.3	39.7	61	20	31	31	32	33	32	80	85	68	73	77
March	29.40	30.00	29.90	29.04	44.0	41.1	51.4	50.6	40.3	38.2	44.6	44.6	55.7	39.2	47.4	81	21	36	34	37	38	36	73	77	60	64	69
April	29.37	29.96	29.73	29.01	54.2	50.8	63.2	61.9	48.6	46.9	53.0	52.5	67.0	48.4	57.7	86	29	44	43	44	44	44	69	76	53	55	63
May	29.36	29.94	29.64	28.98	58.4	56.5	72.7	70.3	54.2	53.0	58.8	58.4	75.2	54.3	64.8	91	38	51	50	48	50	50	77	80	45	51	63
June	29.49	29.98	29.62	29.14	70.1	69.7	82.9	80.9	66.0	65.9	68.9	69.1	85.2	66.6	75.9	93	55	64	64	61	63	63	81	82	50	57	68
July	29.49	30.06	29.69	29.33	71.9	71.2	84.2	81.6	68.4	68.2	71.8	71.8	86.4	68.7	77.6	97	61	67	67	66	68	67	85	86	57	64	73
August	29.42	29.99	29.62	29.22	72.6	70.5	86.2	82.0	69.3	67.9	72.3	71.9	88.5	69.7	79.1	97	58	68	67	66	67	67	86	88	52	63	72
September	29.48	30.06	29.71	29.10	63.6	58.7	80.9	76.1	58.7	55.8	63.6	62.9	83.3	58.7	71.0	95	44	56	54	52	55	54	75	84	38	49	62
October	29.50	30.09	29.72	29.17	56.0	50.7	73.4	67.7	51.8	48.5	59.0	57.9	76.3	51.5	63.9	86	40	48	47	48	51	49	76	87	44	56	66
November	29.59	30.19	29.86	29.07	44.2	41.9	55.4	50.0	41.2	39.8	47.3	44.4	57.5	39.1	48.3	77	17	38	37	38	38	38	78	83	55	64	70
December	29.52	30.11	29.90	28.80	43.1	40.1	50.4	47.6	41.1	39.0	45.0	43.6	54.3	37.8	46.0	68	22	39	38	39	39	38	86	90	68	73	79
Year	29.46	30.05	29.93	28.79	53.1	50.4	64.3	61.5	49.6	47.8	53.9	53.3	67.5	48.6	58.0	97	−5	46	46	46	47	46	78	83	54	61	69

NEW HAVEN, CONN.

Airport [ϕ=41°16′ N.; λ=72°53′ W.] City [ϕ=41°18′ N.; λ=72°56′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	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	29.88	30.00	30.41	29.42	20.1	18.1	27.9	24.5	17.9	16.5	23.6	21.3	29.6	16.3	23.0	51	5	11	11	13	12	12	67	72	51	56	62
February	29.76	29.93	30.32	28.79	27.3	26.0	34.9	31.2	25.4	24.5	31.0	28.4	37.3	24.5	30.9	47	12	21	21	24	23	22	77	80	64	70	73
March	29.82	29.94	30.46	29.23	29.1	28.9	38.8	33.3	27.3	26.9	33.5	30.5	39.6	26.6	33.1	64	13	24	23	26	26	25	78	76	63	72	72
April	29.84	29.95	30.26	29.24	39.7	41.2	49.1	44.3	37.4	38.1	43.1	40.4	52.4	37.4	44.9	66	25	34	34	36	35	35	81	76	63	72	73
May	29.82	29.94	30.16	29.43	52.0	54.3	61.7	57.5	49.9	50.8	54.9	52.8	65.6	50.5	58.0	79	45	48	47	49	48	48	86	79	66	75	77
June	29.80	29.92	30.21	29.44	58.7	62.2	70.2	65.7	56.7	58.1	61.9	60.3	74.5	57.6	66.0	91	47	55	55	56	56	56	89	79	64	74	77
July	29.92	30.04	30.22	29.63	64.7	68.4	76.3	71.9	63.5	64.9	68.3	66.9	81.5	64.5	73.0	95	54	63	63	64	64	63	93	83	67	78	80
August	30.02	30.13	30.32	29.52	62.4	64.8	74.5	68.8	60.1	61.6	65.7	64.6	76.9	60.4	68.6	86	45	59	60	60	62	60	89	83	63	80	79
September	29.92	30.04	30.24	29.41	56.5	59.1	69.7	63.0	54.9	55.8	60.3	58.8	72.6	54.6	63.6	88	38	53	53	54	56	54	91	81	58	78	77
October	29.96	30.08	30.35	29.58	45.5	45.2	57.1	50.2	42.8	42.0	48.8	45.6	59.1	42.5	50.8	78	27	40	38	40	40	39	80	75	54	69	70
November	29.98	30.10	30.54	29.50	40.8	39.7	46.8	43.5	38.4	37.4	41.7	39.9	49.3	36.7	43.0	66	21	35	34	35	35	35	80	80	64	73	74
December	30.00	30.12	30.55	29.30	32.6	32.3	40.0	36.2	30.9	30.4	35.8	33.4	42.8	28.5	35.6	60	6	28	27	29	29	28	82	79	65	73	75
Year	29.89	30.02	30.55	28.79	44.1	45.0	53.9	49.2	42.1	42.2	47.4	45.2	56.8	41.7	49.2	95	5	39	39	40	40	40	83	79	62	72	74

[1] Pressure at airport adjusted to the old (city) station elevation: Nashville, 564 feet; New Haven, 107 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

MOUNT WASHINGTON OBSERVATORY, N. H.

[H=6,274 ft.; H_b=6,267 ft.; H_t=5 ft.; H_r=3 ft; H_a=35 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	2.52	0.65	17.2	7.3	49.0	W.	140	W.	28	7	5	19	12	10	16	12	0	5	0	3	21	31	0	0	31	25	0
February	4.19	1.30	20.3	6.7	47.3	W.	125	W.	28	9	4	16	16	13	19	16	0	2	0	0	24	29	0	0	29	15	0
March	6.07	1.16	31.5	7.6	48.9	W.	130	W.	29	6	3	22	18	13	21	16	0	3	0	1	28	26	0	0	31	14	0
April	6.64	1.08	28.4	8.1	44.7	NW.	136	W.	23	3	5	22	19	16	20	19	0	1	1	1	23	24	0	0	29	3	0
May	9.30	2.03	29.5	7.9	32.6	W.	99	SE.	28	3	8	20	19	13	7	7	2	2	0	4	23	5	0	0	17	0	1
June	9.70	1.88	2.2	8.3	34.7	W.	116	NW.	30	3	4	23	21	20	4	2	2	1	0	0	29	2	0	0	9	0	1
July	7.23	1.88	T	8.2	21.3	W.	78	NW.	19	2	6	23	18	14	1	0	4	7	9	6	27	0	0	0	1	0	7
August	6.55	2.62	.2	6.1	19.4	W.	95	NW.	20	8	9	14	16	13	3	2	0	8	2	3	23	2	0	0	7	0	2
September	10.21	2.22	4.7	8.0	25.6	NW.	95	NW.	24	3	10	17	21	16	8	5	1	7	4	4	29	2	0	0	18	0	3
October	3.41	.72	17.6	6.6	28.4	NW.	92	W.	24	8	6	17	16	11	13	11	1	8	4	0	23	16	0	0	25	0	0
November	9.30	1.59	33.4	8.1	41.0	W.	112	W.	29	3	3	24	24	23	25	22	0	1	3	3	29	21	0	0	30	5	0
December	3.43	.52	10.1	7.3	43.5	NW.	120	NW.	30	5	8	18	17	15	17	14	0	5	8	2	22	25	0	0	31	12	0
Year	78.55	2.62	195.1	7.5	35.8	W.	140	W.	26	60	71	235	217	177	154	126	10	50	31	27	301	183	0	0	258	74	14

NANTUCKET, MASS.

[H=35 ft.; H_b=12 ft.; H_t=14 ft.; H_r=4 ft.; H_a=90 ft.]

Month	Total	Maximum in 24 hours	Total snowfall	Cloudiness	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days, with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	98° or above	32° or below	0° or below	Thunderstorm
January	2.37	1.16	13.4	5.2	15.0	W.	43	SE.	4	11	10	10	13	10	14	10	0	1	1	1	1	20	0	0	28	0	0
February	5.22	1.74	5.4	6.7	15.1	N.	51	NE.	5	6	9	14	14	13	12	7	0	9	6	4	4	7	0	0	24	0	1
March	2.39	0.70	.6	5.6	15.9	W.	41	SE.	6	8	13	10	12	10	6	2	0	13	4	3	3	4	0	0	25	0	4
April	4.97	1.47	.2	6.5	15.2	W.	39	SE.	8	7	8	15	12	9	3	2	0	17	7	7	7	0	0	0	4	0	0
May	1.52	.49	.0	7.4	14.1	S.	35	NE.	2	4	9	18	15	8	0	0	0	19	18	16	15	0	0	0	0	0	0
June	1.90	.64	.0	5.3	13.4	SW.	32	SW.	1	11	7	12	9	7	0	0	0	19	14	9	9	0	0	0	0	0	1
July	2.35	1.63	.0	5.7	11.2	SW.	28	NE.	0	7	12	12	8	6	0	0	0	24	15	14	12	0	0	0	0	0	3
August	2.17	1.25	.0	4.6	12.6	SW.	29	SW.	0	13	13	5	7	7	0	0	0	15	11	9	7	0	0	0	0	0	1
September	5.23	2.52	.0	5.5	13.2	SW.	57	NE.	3	13	4	13	11	6	0	0	0	14	8	7	5	0	0	0	0	0	2
October	2.06	.88	.0	5.7	15.5	N.	41	NE.	4	7	13	11	10	7	0	0	0	6	1	0	0	0	0	0	1	0	0
November	5.22	1.66	1.2	7.1	15.1	W.	38	E.	3	6	6	18	10	9	5	1	0	7	0	0	0	0	0	0	5	0	0
December	3.29	1.19	1.0	7.2	12.7	W.	36	SW.	3	5	9	17	10	10	5	2	0	15	10	7	6	0	0	0	16	0	0
Year	38.69	2.52	21.8	6.0	14.1	W.	57	NE.	39	98	113	155	131	102	45	24	0	159	95	77	69	31	0	0	103	0	12

NASHVILLE, TENN.

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

Month	Total	Maximum in 24 hours	Total snowfall	Cloudiness	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days, with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	98° or above	32° or below	0° or below	Thunderstorm
January	1.13	0.48	6.1	5.5	9.0	W.	36	S.	1	9	12	10	9	4	8	4	0	3	2	1	0	15	0	0	28	3	1
February	5.06	1.97	.6	7.7	9.3	NW.	27	E.	0	6	3	20	14	11	5	4	0	5	3	3	1	0	0	0	14	0	0
March	7.63	2.32	4.5	6.4	10.0	N.	33	S.	1	9	6	16	13	11	3	1	0	2	0	0	0	0	0	0	8	0	5
April	5.24	2.12	T	6.4	11.9	S.	34	SE.	5	8	7	15	11	11	2	0	1	4	2	2	1	0	0	0	2	0	5
May	3.32	1.42	.0	4.5	8.6	W.	34	SW.	2	15	9	7	7	7	0	0	0	0	0	0	0	0	1	0	0	0	4
June	2.84	1.09	.0	5.2	7.7	S.	34	S.	1	9	14	7	11	6	0	0	0	1	0	0	0	0	4	0	0	0	8
July	2.17	.64	.0	5.9	6.8	S.	33	E.	1	10	10	11	12	11	0	0	0	2	0	0	0	0	11	5	0	0	8
August	1.33	.44	.0	5.4	7.0	N.	31	W.	0	9	13	9	8	6	0	0	0	2	2	2	2	0	16	3	0	0	8
September	.87	.84	.0	2.9	6.9	NE.	31	N.	0	19	8	3	4	2	0	0	0	0	0	0	0	0	10	1	0	0	1
October	1.30	.57	.0	2.7	6.5	W.	26	W.	0	18	9	4	5	4	0	0	0	1	1	0	0	0	0	0	0	0	0
November	3.71	1.20	.0	5.5	9.5	S.	41	SE	1	11	5	14	11	9	0	0	0	3	4	0	2	2	0	0	7	0	0
December	2.44	.76	.0	6.6	8.5	S.	31	S.	0	6	10	15	14	9	0	0	0	4	2	1	2	0	0	0	8	0	0
Year	37.04	2.32	11.2	5.4	8.5	S.	41	SE.	12	129	106	131	119	91	18	9	1	27	16	9	8	17	42	9	67	3	40

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.]

Month	Total	Maximum in 24 hours	Total snowfall	Cloudiness	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days, with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	98° or above	32° or below	0° or below	Thunderstorm
January	3.07	2.74	5.1	4.4	9.9	N.	30	E.	0	14	7	10	8	5	14	5	0	4	1	1	1	24	0	0	29	0	0
February	3.45	1.40	10.9	6.0	10.7	N.	42	N.	1	6	11	12	11	9	14	6	0	14	1	0	0	3	0	0	22	0	0
March	5.36	1.84	4.9	5.8	9.6	NW.	29	E.	0	8	12	11	14	14	12	4	1	13	3	1	1	5	0	0	25	0	1
April	6.71	1.85	1.9	6.4	9.9	N.	30	NE.	0	9	7	14	16	10	4	2	0	13	8	6	3	0	0	0	4	0	2
May	6.97	3.18	.0	7.5	8.9	N.	22	NE.	0	2	13	16	16	13	0	0	0	19	14	9	8	0	0	0	0	0	2
June	3.36	1.03	.0	5.7	8.0	S.	24	NW.	0	9	12	9	13	9	0	0	0	15	10	5	4	0	1	0	0	0	7
July	3.95	1.86	.0	5.8	7.1	S.	21	NW.	0	7	15	9	9	8	0	0	0	11	6	5	3	0	3	1	0	0	7
August	2.54	.60	.0	5.4	7.9	S.	24	NW.	0	11	8	12	11	10	0	0	0	13	6	4	3	0	0	0	0	0	4
September	3.33	2.94	.0	4.7	7.9	N.	27	SW.	0	14	8	8	5	4	0	0	0	14	2	2	2	0	0	0	0	0	3
October	2.05	.84	T	4.7	9.1	N.	27	SW.	0	12	12	7	7	5	1	0	0	5	0	0	0	0	0	0	6	0	0
November	5.45	1.39	3.7	6.7	9.6	N.	35	S.	1	6	10	14	10	8	6	2	0	5	1	0	0	0	0	0	8	0	0
December	2.46	.81	3.2	6.0	8.8	N.	30	SW.	0	9	7	15	11	9	5	2	0	17	11	8	4	2	0	0	18	0	0
Year	48.70	3.18	29.7	5.8	8.9	N.	42	N.	2	107	122	137	131	104	56	21	1	143	63	41	29	34	4	1	112	0	26

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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 p. m.	Relative humidity: 1:30 a. 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	30.14	30.20	30.52	29.61	40.3	36.6	44.0	44.2	37.4	34.5	40.0	39.8	51.0	34.9	43.0	75	20	33	31	34	34	33	75	79	68	67	72
February	29.97	30.03	30.44	29.40	48.6	46.8	56.3	55.0	46.6	45.2	50.9	50.7	61.7	45.3	53.5	77	35	44	43	46	45	45	86	87	69	74	79
March	29.94	30.00	30.34	29.54	58.6	56.0	66.5	64.7	55.6	53.3	58.6	57.5	71.5	54.2	62.8	85	43	53	51	52	52	52	82	83	62	64	73
April	29.93	29.98	30.35	29.58	64.5	62.3	71.1	70.0	61.5	59.5	62.5	63.5	76.2	60.2	68.2	87	41	59	57	57	59	58	84	85	62	70	75
May	29.92	29.97	30.23	29.65	69.5	68.5	79.5	78.9	64.9	64.2	66.2	67.2	83.0	66.8	74.9	89	59	62	62	58	60	60	79	80	50	54	66
June	29.92	29.97	30.11	29.77	75.2	75.9	83.9	81.5	72.6	73.0	74.3	73.8	87.4	73.8	80.6	94	69	72	72	70	71	71	88	87	65	71	78
July	29.98	30.04	30.13	29.82	76.7	76.6	84.9	82.5	74.3	74.5	76.2	75.5	88.9	74.7	81.8	94	69	73	74	73	73	73	89	91	68	73	80
August	29.90	29.96	30.08	29.66	77.3	76.9	84.6	83.7	74.3	74.2	75.8	75.8	88.9	75.3	82.1	95	70	73	73	72	72	73	87	88	68	71	78
September	29.93	29.99	30.13	29.68	73.9	72.6	82.2	79.1	69.1	68.6	70.6	70.3	85.1	70.7	77.9	94	58	66	66	64	66	66	78	81	57	65	70
October	30.02	30.08	30.24	29.73	66.5	65.4	76.8	72.4	62.7	62.4	65.7	64.5	81.0	64.5	72.8	86	55	60	60	59	60	60	81	85	56	66	72
November	30.10	30.16	30.48	29.66	58.4	56.4	65.5	62.3	54.5	53.1	57.3	56.3	68.8	54.3	61.6	81	32	50	49	50	51	50	76	78	59	68	70
December	29.99	30.05	30.38	29.16	57.0	54.4	61.4	59.7	54.1	52.6	55.6	56.1	65.6	53.3	59.4	81	45	51	51	50	53	51	82	87	70	80	80
Year	29.98	30.04	30.52	29.16	63.9	62.4	71.4	69.5	60.6	59.6	62.8	62.6	75.8	60.7	68.2	95	20	58	57	57	58	58	82	84	63	69	74

NEW YORK, N. Y.

[φ=40°43′ N.; λ=74°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 p. m.	1:30 a. m.	7:30 p. m.	Monthly
January	29.66	30.01	30.16	29.21	----	20.9	27.3	26.6	----	18.3	22.9	22.8	31.9	18.4	25.2	53	9	----	11	11	13	12	----	62	47	54	54
February	29.60	29.92	30.06	28.58	----	29.7	35.2	34.9	----	27.0	30.6	30.8	40.2	25.9	33.0	54	15	----	21	22	24	22	----	69	58	62	63
March	29.59	29.94	30.16	29.01	----	31.1	38.0	35.8	----	27.7	32.6	31.7	41.5	28.4	35.0	60	15	----	20	22	24	22	----	62	54	62	59
April	29.60	29.94	30.01	29.06	----	42.8	50.1	46.1	----	38.4	42.7	40.8	53.6	38.5	46.0	67	25	----	32	33	34	33	----	66	55	64	62
May	29.57	29.90	29.88	29.16	----	56.1	62.7	60.3	----	51.2	54.5	54.2	66.8	52.4	59.6	79	42	----	46	47	48	47	----	70	60	69	67
June	29.58	29.91	29.96	29.20	----	64.0	73.5	69.2	----	58.9	62.7	60.4	76.6	60.1	68.4	91	50	----	55	55	54	54	----	75	56	62	64
July	29.70	30.03	30.01	29.45	----	70.1	80.0	75.3	----	64.7	67.8	66.7	83.2	66.0	74.6	99	57	----	62	61	61	62	----	76	54	65	65
August	29.78	30.11	30.08	29.30	----	66.7	74.4	69.9	----	62.8	65.3	63.3	77.1	63.8	70.4	87	52	----	60	60	59	60	----	80	63	70	71
September	29.70	30.03	29.99	29.17	----	60.9	70.4	67.5	----	56.8	59.6	58.9	73.6	58.1	65.8	87	42	----	54	51	53	53	----	77	53	60	63
October	29.73	30.07	30.12	29.40	----	48.2	58.3	54.6	----	44.2	49.2	47.2	61.1	45.2	53.2	77	30	----	40	40	39	39	----	72	52	57	60
November	29.76	30.10	30.30	29.30	----	42.9	47.1	45.8	----	39.4	41.3	40.9	50.7	39.0	44.8	68	24	----	35	34	35	35	----	73	60	66	66
December	29.76	30.11	30.29	29.03	----	36.9	41.5	40.1	----	33.6	36.6	36.1	45.7	32.1	38.9	58	11	----	28	29	30	29	----	70	61	66	66
Year	29.67	30.01	30.30	28.58	----	47.5	54.9	52.2	----	43.6	47.2	46.2	58.5	44.0	51.2	99	9	----	39	39	40	39	----	71	56	63	63

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	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 p. m.	1:30 a. 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	30.09	30.43	29.20	29.4	26.9	34.1	32.6	26.8	24.8	30.0	29.5	37.2	24.8	31.0	63	11	21	20	22	24	22	70	75	61	68	69
February	29.86	29.96	30.32	28.95	40.0	38.4	45.6	42.5	36.7	36.0	39.5	38.3	50.3	34.5	42.4	67	19	32	32	31	32	32	72	78	59	68	69
March	29.88	29.98	30.35	29.38	42.7	40.6	51.8	48.0	38.8	37.8	43.9	43.1	55.2	38.5	46.8	76	26	33	34	34	37	34	70	76	53	67	66
April	29.88	29.98	30.23	29.30	51.1	51.1	60.9	55.1	47.4	47.4	51.5	49.2	64.9	45.4	55.2	83	30	44	43	42	43	43	76	76	53	66	68
May	29.82	29.92	30.17	29.45	61.5	62.2	72.5	66.4	57.7	57.6	61.0	59.7	75.1	57.5	66.3	91	45	55	54	53	55	54	80	76	53	70	70
June	29.87	29.96	30.16	29.49	72.2	73.0	82.1	78.8	67.7	67.6	69.8	69.3	85.7	68.2	77.0	96	59	65	65	63	64	64	79	76	55	63	68
July	29.98	30.07	30.26	29.76	71.5	74.4	83.4	77.6	69.0	70.2	71.6	71.8	87.5	69.6	78.6	104	62	68	68	66	69	68	89	82	58	76	76
August	29.97	30.07	30.21	29.56	72.2	74.2	79.8	74.8	70.0	71.0	72.8	71.3	82.8	70.9	76.8	94	64	69	70	70	70	69	90	86	72	85	83
September	29.95	30.05	30.22	29.48	64.3	66.0	75.1	67.1	61.6	63.2	65.3	62.9	77.6	63.3	70.4	91	51	60	61	60	60	60	86	85	60	79	78
Octoer	30.00	30.10	30.35	29.65	58.1	52.8	64.6	56.2	51.3	51.1	56.4	53.4	67.7	51.9	59.8	83	39	50	50	50	51	50	89	90	61	84	81
November	30.07	30.17	30.54	29.57	47.4	46.8	57.8	50.3	44.9	44.8	50.1	46.7	61.1	44.6	52.8	76	33	42	42	42	43	42	82	85	59	76	76
December	30.04	30.14	30.46	29.32	45.1	43.3	52.2	46.5	42.7	41.4	47.0	43.7	55.7	41.0	48.4	72	23	40	39	41	40	40	82	85	67	79	78
Year	29.94	30.04	30.54	28.95	54.2	54.1	63.3	58.0	51.2	51.1	54.9	53.2	66.7	50.8	58.8	104	11	48	48	48	49	48	80	81	59	73	74

NORTHFIELD, VT.

[φ=44°10′ N.; λ=72°41′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 p. m.	1:30 a. m.	7:30 p. m.	Monthly
January	28.97	29.97	29.52	28.44	----	2.4	----	----	----	2.1	----	----	20.1	−2.5	8.8	37	−21	----	2	----	----	----	----	93	----	----	----
February	28.98	29.98	29.50	28.12	----	10.8	----	----	----	10.2	----	----	27.7	4.9	16.3	41	−21	----	8	----	----	----	----	90	----	----	----
March	28.92	29.91	29.58	28.46	----	18.0	----	----	----	17.2	----	----	33.1	13.5	23.3	56	−13	----	15	----	----	----	----	86	----	----	----
April	28.98	29.96	29.45	28.41	----	33.8	----	----	----	31.7	----	----	45.4	27.2	36.3	76	13	----	28	----	----	----	----	80	----	----	----
May	29.00	29.95	29.30	28.57	----	51.0	----	----	----	47.1	----	----	65.0	42.2	53.6	79	24	----	43	----	----	----	----	75	----	----	----
June	28.94	29.88	29.35	28.55	----	58.7	----	----	----	54.4	----	----	71.3	49.6	60.4	85	32	----	51	----	----	----	----	77	----	----	----
July	29.09	30.02	29.41	28.77	----	62.3	----	----	----	59.5	----	----	78.8	53.0	65.9	91	38	----	58	----	----	----	----	85	----	----	----
August	29.19	30.13	29.51	28.66	----	58.3	----	----	----	55.5	----	----	76.1	49.0	62.6	87	34	----	54	----	----	----	----	86	----	----	----
September	29.08	30.03	29.52	28.56	----	49.9	----	----	----	48.3	----	----	67.3	43.7	55.5	77	32	----	47	----	----	----	----	90	----	----	----
October	29.10	30.07	29.47	28.71	----	37.0	----	----	----	34.8	----	----	53.9	31.4	42.6	74	17	----	32	----	----	----	----	83	----	----	----
November	29.09	30.08	29.64	28.59	----	31.6	----	----	----	29.8	----	----	42.2	27.2	34.7	68	−3	----	27	----	----	----	----	82	----	----	----
December	29.10	30.09	29.66	28.50	----	18.2	----	----	----	17.0	----	----	33.0	10.3	21.6	45	−26	----	15	----	----	----	----	85	----	----	----
Year	29.04	30.00	29.64	28.12	----	36.0	----	----	----	34.0	----	----	51.2	29.1	40.1	91	−26	----	32	----	----	----	----	84	----	----	----

[1] Pressure 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, 1940*—Continued

NEW ORLEANS, LA.

Airport [H=6 ft.; H_b=30 ft.; H_t=50 ft.; H_r=44 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: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	5.56	1.85	0.0	5.1	7.2	NE.	24	W.	0	13	7	11	9	8	0	0	0	6	3	2	0	2	0	0	14	0	1
February	8.41	4.79	.0	6.2	7.4	SE.	38	E.	1	6	10	13	9	8	0	0	0	4	0	0	0	0	0	0	0	0	3
March	5.10	3.51	.0	5.9	7.1	SE.	24	NW.	0	6	13	12	10	6	0	0	0	7	5	5	2	0	0	0	0	0	5
April	11.65	3.66	.0	5.4	7.7	SE.	21	SE.	0	10	10	10	8	8	0	0	0	3	1	1	1	0	0	0	0	0	8
May	.78	.52	.0	3.7	6.2	SE.	20	NW.	0	17	9	5	4	3	0	0	0	0	0	0	0	0	0	0	0	0	1
June	7.21	2.21	.0	6.4	6.2	SE.	21	NE.	0	6	12	12	16	14	0	0	0	0	0	0	0	0	8	0	0	0	8
July	11.95	2.48	.0	6.7	5.1	SW.	24	W.	0	0	21	10	17	15	0	0	0	0	0	0	0	0	17	0	0	0	21
August	10.58	2.27	.0	5.9	6.7	W.	32	E.	1	7	15	9	15	14	0	0	0	1	0	0	0	0	16	0	0	0	10
September	7.99	5.48	.0	3.6	7.5	NE.	21	N.	0	15	12	3	7	5	0	0	0	0	0	0	0	0	7	0	0	0	5
October	1.25	.83	.0	3.1	6.0	SE.	20	N.	0	18	10	3	3	3	0	0	0	4	4	4	4	0	0	0	0	0	1
November	1.21	.52	.0	5.9	7.8	SE.	21	SE.	0	7	11	12	8	5	0	0	0	6	4	2	1	0	0	0	0	0	1
December	8.09	2.06	.0	6.4	7.6	NE.	21	NW.	0	8	7	16	12	9	0	0	0	5	3	2	1	0	0	0	0	0	2
Year	79.78	5.48	.0	5.4	6.9	SE.	38	E.	2	113	137	116	118	98	0	0	0	36	20	16	9	2	48	0	14	0	66

NEW YORK, N. Y.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.96	1.55	3.9	5.1	16.9	NW.	47	SE.	14	9	12	10	8	5	9	6	0	4	0	0	0	19	0	0	28	0	0
February	3.33	1.44	8.8	6.1	16.5	N.	53	NW.	14	8	8	13	11	8	12	4	0	9	5	4	4	1	0	0	22	0	0
March	4.49	1.65	3.3	6.2	17.6	NW.	49	SE.	15	8	10	13	14	11	9	3	0	12	2	2	2	3	0	0	23	0	3
April	5.41	1.90	.9	7.1	15.5	NW.	48	NW.	11	5	10	15	10	9	4	2	0	9	3	1	1	0	0	0	4	0	2
May	6.84	3.01	.0	7.4	11.5	NE.	38	N.	3	4	8	19	17	13	0	0	0	16	7	5	4	0	0	0	0	0	6
June	3.11	1.10	.0	6.1	13.1	W.	47	NW.	10	5	15	10	13	6	0	0	1	14	3	3	3	0	1	0	0	0	9
July	2.50	.95	.0	5.3	10.9	SW.	57	NW.	3	9	13	9	11	6	0	0	0	14	0	0	0	0	5	1	0	0	10
August	5.06	1.26	.0	6.3	9.6	E.	38	NW.	2	7	11	13	12	12	0	0	0	12	2	0	0	0	0	0	0	0	5
September	3.22	2.57	.0	4.5	11.6	N.	50	NW.	3	16	6	8	5	4	0	0	0	6	1	0	0	0	0	0	0	0	4
October	2.67	1.14	T	4.8	13.0	N.	46	NW.	4	13	11	7	10	6	2	1	0	8	0	0	0	0	0	0	2	0	0
November	3.91	1.12	.9	7.3	17.2	NW.	51	NW.	13	4	7	19	12	9	7	1	0	8	0	0	0	0	0	0	6	0	0
December	2.53	.91	3.8	6.4	14.8	NW.	50	NW.	13	10	6	15	11	6	4	2	0	11	4	4	4	0	0	0	12	0	0
Year	45.03	3.01	21.6	6.0	14.0	NW.	57	NW.	105	98	117	151	134	95	47	19	1	123	27	19	18	23	6	1	97	0	39

NORFOLK, VA.

Airport [H=25 ft.; H_b=30 ft.; H_t=5 ft.; H_r=3 ft.; H_a=38 ft.] City [H=11 ft.; H_b=91 ft.; H_t=60 ft.; H_r=73 ft.; H_a=125 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.35	1.40	12.7	5.2	9.9	N.	43	NE.	2	12	7	12	8	8	7	6	0	8	2	0	2	8	0	0	27	0	0
February	2.38	.67	1.0	6.7	10.5	N.	39	W.	3	8	6	15	13	10	4	3	1	15	1	1	0	0	0	0	12	0	0
March	2.05	.80	4.6	6.4	10.2	N.	31	W.	0	7	9	15	9	6	2	1	0	11	1	0	0	0	0	0	4	0	3
April	3.37	1.56	1.3	6.5	10.8	S.	32	N.	3	6	9	15	12	9	3	2	0	8	0	0	0	0	0	0	1	0	5
May	3.64	.99	.0	6.8	10.3	S.	29	N.	0	7	8	16	13	9	0	0	0	9	0	0	0	0	1	0	0	0	5
June	2.31	1.52	.0	6.3	8.7	SW.	36	W.	0	6	12	12	11	5	0	0	0	5	1	0	0	0	10	1	0	0	7
July	3.44	1.82	.0	6.0	7.5	W.	30	NW.	0	10	7	14	9	7	0	0	1	4	0	0	0	0	15	7	0	0	6
August	10.14	3.39	.0	7.7	9.4	E.	28	NW.	0	1	10	20	15	14	0	0	0	8	0	0	0	0	3	0	0	0	7
September	4.10	1.59	.0	4.9	9.4	NE.	34	N.	1	12	8	10	7	6	0	0	0	6	1	0	0	0	1	0	0	0	4
October	1.10	.46	.0	4.4	9.4	N.	30	NE.	0	17	3	11	7	5	0	0	0	6	0	0	0	0	0	0	0	0	1
November	4.45	2.17	T	5.8	10.5	W.	27	E.	0	9	9	12	7	7	1	0	0	5	0	0	0	0	0	0	0	0	0
December	1.16	.66	.0	5.6	9.9	NE.	25	N.	0	12	6	13	6	4	0	0	0	15	3	2	2	0	0	0	2	0	0
Year	40.49	3.39	19.6	6.0	9.7	N.	43	NE.	9	107	94	165	117	90	17	12	2	100	9	3	4	8	30	8	46	0	38

NORTHFIELD, VT.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.56	0.25	6.6	5.9	6.8	SW.	27	S.	0	9	9	13	10	3	19	10	0	1	0	0	0	28	0	0	31	20	0
February	1.51	.62	13.4	6.8	7.1	N.	27	NE.	0	6	10	13	8	5	18	8	0	0	0	0	0	22	0	0	29	13	0
March	3.23	1.07	21.7	7.2	7.5	N.	23	N.	0	5	7	19	19	13	21	15	0	1	1	0	1	12	0	0	29	5	0
April	2.40	.76	5.5	7.2	8.8	N.	27	S.	0	4	11	15	14	10	11	9	0	3	1	0	1	2	0	0	24	0	0
May	7.54	2.62	.0	6.9	7.6	SW.	25	S.	0	6	7	18	14	9	0	0	0	1	0	0	0	0	0	0	6	0	7
June	2.18	.48	.0	6.8	7.9	SW.	24	SW.	0	4	12	14	15	11	0	0	0	0	0	0	0	0	0	0	0	0	5
July	2.11	.62	.0	6.7	5.6	SW.	18	N.	0	4	16	11	17	11	0	0	0	3	4	0	5	0	1	0	0	0	7
August	1.26	.47	.0	5.3	6.5	SW.	21	S.	0	13	7	11	6	5	0	0	0	3	4	1	4	0	0	0	0	0	2
September	5.52	2.85	.0	7.1	6.0	SW.	21	NE.	0	5	9	16	8	7	0	0	0	10	2	1	6	0	0	0	1	0	2
October	1.16	.53	1.3	6.1	7.1	SW.	23	S.	0	10	5	16	8	5	6	3	0	6	3	0	4	0	0	0	18	0	0
November	3.33	1.09	6.6	8.1	7.7	N.	27	S.	0	3	8	21	21	11	13	8	0	2	0	0	0	4	0	0	19	1	0
December	2.25	.71	9.5	7.0	7.0	SW.	27	SW.	0	5	9	17	13	9	13	7	0	2	0	0	1	12	0	0	27	11	0
Year	33.04	2.85	64.6	6.8	7.1	SW.	27	S.	0	74	108	184	153	99	101	60	0	32	15	2	22	80	1	0	184	50	23

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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	29.74	29.97	30.21	29.20	45.1	44.5	45.5	47.5	42.4	41.8	41.9	43.9	50.3	41.1	45.7	64	31	39	38	38	40	39	81	80	76	77	78
February	29.66	29.89	30.21	29.09	46.6	45.9	47.2	48.6	44.7	44.4	45.4	46.1	51.4	42.9	47.2	58	37	42	43	44	44	43	87	89	88	84	87
March	29.79	30.02	30.27	29.01	47.6	46.5	49.4	50.6	45.5	45.0	47.0	47.6	53.3	44.2	48.8	63	37	43	43	44	44	44	86	90	85	80	85
April	29.86	30.09	30.15	29.50	50.0	48.8	53.0	53.0	47.4	46.6	49.2	49.7	57.0	46.9	52.0	73	44	45	44	46	47	45	83	86	77	80	82
May	29.85	30.07	30.13	29.40	52.1	50.8	55.3	55.7	50.3	49.4	52.3	52.7	58.5	49.5	54.0	69	45	49	48	50	50	49	88	90	82	81	85
June	29.90	30.12	30.11	29.58	53.6	52.4	56.2	57.4	52.1	51.4	53.7	54.2	59.2	51.3	55.2	81	48	51	50	52	52	51	91	94	85	82	88
July	29.87	30.09	30.14	29.59	56.7	55.8	59.3	61.0	55.6	55.1	56.8	57.8	63.2	54.5	58.8	68	50	55	54	55	56	55	94	96	86	83	90
August	29.87	30.09	30.08	29.69	57.7	56.6	60.3	61.2	56.9	56.1	58.4	58.7	63.6	55.4	59.5	76	52	56	56	57	57	56	95	97	90	87	92
September	29.77	29.99	30.03	29.55	58.1	57.5	60.7	61.0	57.0	56.3	58.5	58.7	64.6	55.7	60.2	82	50	56	55	57	57	56	94	94	89	88	91
October	29.74	29.96	30.04	29.21	55.4	54.6	57.8	58.5	53.9	53.4	54.9	55.7	61.5	52.5	57.0	70	46	53	52	53	54	53	91	92	84	84	88
November	29.87	30.10	30.24	29.22	46.3	45.0	47.8	49.3	43.7	42.9	44.9	45.5	52.0	42.2	47.1	58	37	40	40	42	41	41	82	85	80	75	80
December	29.66	29.89	30.17	28.69	45.8	45.5	46.2	48.1	43.2	42.6	43.0	44.7	50.5	42.5	46.5	58	34	40	38	39	40	39	80	78	77	77	78
Year	29.80	30.02	30.27	28.69	51.2	50.3	53.2	54.3	49.4	48.8	50.5	51.3	57.1	48.2	52.7	82	31	47	47	48	48	48	88	89	83	82	85

NORTH PLATTE, NEBR.

Airport [ϕ=41°08′ 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.	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	27.18	30.29	27.56	26.74	9.3	6.9	16.4	15.3	8.8	6.5	14.8	14.3	23.4	3.3	13.4	48	−18	7	5	11	12	9	91	92	78	85	87
February	27.03	30.05	27.60	26.54	25.5	22.5	34.1	34.2	24.4	21.9	30.4	30.3	40.7	20.8	30.8	66	7	23	21	25	25	23	88	93	71	69	80
March	26.99	29.96	27.32	26.49	32.8	29.3	43.6	45.6	30.8	28.1	37.1	38.0	50.6	27.3	39.0	82	5	28	26	30	29	28	83	89	62	57	73
April	27.00	29.94	27.63	26.49	42.8	38.4	52.7	54.7	39.1	35.9	43.3	43.9	60.4	36.5	48.4	86	12	35	33	33	32	33	74	81	52	47	64
May	27.05	29.95	27.39	26.77	51.6	46.3	69.5	71.0	45.5	43.1	53.1	53.5	74.9	46.1	60.5	90	30	40	40	39	38	39	64	80	34	32	52
June	27.01	29.86	27.31	26.69	64.1	59.1	80.0	82.4	56.5	54.9	62.8	62.2	86.2	58.0	72.1	99	45	51	52	52	49	51	65	78	40	34	54
July	27.06	29.90	27.37	26.76	74.2	67.2	86.2	85.0	63.3	61.0	67.9	67.8	92.0	67.1	79.6	109	57	57	58	59	57	58	58	72	42	36	52
August	27.09	29.95	27.43	26.84	65.9	59.6	81.3	81.4	59.6	56.8	65.1	64.4	86.4	60.3	73.4	96	46	56	55	56	55	55	72	85	44	42	61
September	27.11	29.99	27.48	26.90	63.0	55.7	76.6	75.6	57.0	53.4	61.9	61.8	81.8	56.6	69.2	98	39	53	52	53	53	53	71	87	46	49	64
October	27.06	29.98	27.49	26.64	47.7	42.0	67.4	62.4	44.1	40.0	53.3	50.8	72.8	41.6	57.2	86	30	41	38	42	40	40	78	86	41	47	63
November	27.12	30.14	27.58	26.70	27.6	24.5	40.3	35.3	25.7	23.1	34.0	30.8	46.6	23.0	34.8	74	−8	23	21	26	25	23	81	84	58	66	72
December	27.07	30.09	27.50	26.56	24.5	23.0	35.4	32.1	23.0	22.0	30.7	28.8	41.0	20.7	30.8	67	−5	20	20	25	24	22	83	88	67	73	77
Year	27.06	30.01	27.63	26.49	44.1	39.5	57.0	56.6	39.8	37.2	46.2	45.6	63.1	38.4	50.8	109	−18	36	35	38	37	36	76	85	53	53	67

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.	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	28.92	30.26	29.37	28.22	21.5	19.4	26.8	27.0	20.1	18.3	23.7	24.0	33.2	16.6	24.9	57	2	17	15	17	18	17	81	83	67	68	75
February	28.70	30.01	29.18	28.19	37.2	33.1	42.6	44.0	35.1	31.9	38.0	39.2	49.7	31.3	40.5	81	21	32	30	32	33	32	82	89	70	69	77
March	28.64	29.92	29.10	28.22	46.3	41.3	56.8	59.1	40.8	38.1	45.7	46.4	65.3	39.2	52.2	94	22	34	34	34	32	33	64	76	46	40	56
April	28.62	29.90	29.37	28.15	55.1	50.9	63.4	65.6	48.9	46.5	51.8	53.4	70.3	49.3	59.8	92	25	43	42	41	43	42	67	74	49	48	59
May	28.66	29.92	28.91	28.36	63.2	59.2	74.1	75.2	57.4	55.7	61.1	61.4	79.6	58.4	69.0	94	47	53	53	52	52	53	71	81	49	47	62
June	28.66	29.91	28.93	28.42	70.1	67.2	81.1	81.8	64.8	63.1	67.2	68.0	86.0	65.3	75.6	96	54	62	61	60	61	61	76	83	50	51	65
July	28.72	29.98	28.96	28.51	74.1	70.7	85.9	87.7	69.1	67.7	72.3	72.8	90.8	69.9	80.4	100	59	67	66	66	66	66	78	86	53	50	67
August	28.69	29.95	29.01	28.43	72.2	69.3	84.2	84.5	67.7	66.0	70.1	70.3	89.8	68.8	79.3	101	57	65	64	63	63	64	76	84	51	50	66
September	28.78	30.04	29.04	28.50	67.2	62.9	78.2	78.0	61.1	58.7	64.5	64.5	84.3	62.9	73.6	99	44	57	56	56	56	56	71	78	48	50	62
October	28.76	30.03	29.12	28.43	62.0	56.9	74.3	71.8	54.4	52.3	59.4	58.1	79.7	56.3	68.0	88	40	48	48	48	47	48	62	74	43	44	56
November	28.84	30.14	29.35	28.21	41.6	38.7	49.9	48.6	38.6	36.8	44.0	43.2	55.0	36.1	45.6	75	12	35	34	38	37	36	77	84	65	66	73
December	28.78	30.09	29.18	28.09	38.3	36.2	45.3	44.6	36.4	34.7	40.6	40.8	51.4	34.7	43.0	70	20	34	32	35	37	35	85	87	70	75	79
Year	28.73	30.01	29.37	28.02	54.2	50.5	63.6	64.0	49.5	47.5	53.2	53.5	69.6	49.1	59.3	101	2	46	45	45	45	45	74	82	55	55	66

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.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	(1)		(1)	(1)																							
January	29.03	30.30	29.42	28.50	6.2	3.1	12.2	12.2	5.6	2.5	10.8	11.2	17.6	−1.3	8.2	40	−19	2	−1	6	8	4	82	81	73	80	79
February	28.86	30.09	29.49	28.26	23.4	21.6	28.3	28.2	22.4	20.8	26.2	26.5	33.0	16.9	25.0	56	−3	21	19	22	23	21	88	89	77	81	84
March	28.80	30.01	29.26	28.02	32.4	29.8	39.0	39.5	30.8	28.7	34.4	35.0	43.7	27.6	35.6	76	13	28	27	28	29	28	85	88	66	70	77
April	28.78	29.97	29.39	28.22	46.4	41.5	53.7	55.5	41.4	38.5	45.0	45.6	59.3	39.7	49.5	88	20	36	35	35	34	35	68	78	53	49	62
May	28.78	29.95	29.13	28.34	56.4	52.2	67.2	70.1	50.3	47.8	54.2	54.9	73.2	49.4	61.3	95	36	45	44	43	42	43	66	73	44	38	56
June	28.74	29.89	29.06	28.40	68.7	64.6	79.7	80.2	62.3	60.2	65.6	66.5	84.4	62.2	73.3	102	53	58	57	57	59	58	71	78	49	50	62
July	28.82	29.97	29.12	28.45	75.5	70.6	86.8	87.8	66.2	64.8	70.2	70.4	92.2	68.4	80.3	108	53	61	62	61	61	61	62	73	45	44	56
August	28.83	29.99	29.16	28.53	68.1	65.5	78.2	77.5	64.5	63.3	67.7	68.1	82.3	63.2	72.8	98	52	62	62	62	63	62	83	89	60	63	74
September	28.90	30.06	29.28	28.60	63.7	58.9	76.0	74.6	58.2	55.6	62.6	62.4	80.6	57.3	69.0	95	38	54	53	54	54	54	73	82	48	50	63
October	28.82	30.00	29.25	28.48	56.1	50.5	68.8	65.6	50.2	46.8	55.2	54.7	74.4	48.0	61.2	87	35	45	43	44	46	44	68	77	43	50	59
November	28.93	30.15	29.51	28.27	32.7	29.8	38.4	36.3	30.5	28.1	33.8	32.7	43.4	26.1	34.8	71	−3	27	26	27	28	27	81	84	65	73	76
December	28.89	30.11	29.48	28.34	28.8	26.9	33.6	32.4	27.2	25.8	30.4	30.0	37.9	23.1	30.5	56	−2	25	24	25	26	25	84	87	72	78	80
Year	28.85	30.04	29.51	28.02	46.5	42.9	55.2	55.0	42.5	40.2	46.3	46.5	60.2	40.0	50.1	108	−19	39	38	39	39	38	76	82	58	60	69

[1] Pressure at airport adjusted to the old (city) station elevation: North Platte, 2,821 feet; Oklahoma City, 1,304 feet; Omaha, 1,105 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

NORTH HEAD, WASH.

[H=194 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	4.32	1.11	0.0	8.2	17.4	E.	65	S.	9	3	6	22	16	14	0	0	3	3	2	0	0	0	0	0	2	0	0
February	13.24	2.64	.0	8.1	17.4	S.	56	S.	15	2	5	22	25	24	0	0	3	5	3	1	1	0	0	0	0	0	0
March	8.73	1.59	.0	8.1	15.4	S.	61	S.	15	3	4	24	23	18	0	0	2	7	2	1	0	0	0	0	0	0	0
April	4.09	2.06	.0	7.9	13.6	N.	47	S.	7	1	9	20	18	9	0	0	2	4	1	2	0	0	0	0	0	0	0
May	1.55	.85	.0	6.8	17.2	N.	45	S.	9	3	13	15	13	7	0	0	0	8	4	2	2	0	0	0	0	0	0
June	.35	.19	.0	5.1	17.6	N.	34	S.	4	9	14	7	7	4	0	0	0	8	6	6	4	0	0	0	0	0	0
July	1.73	.63	.0	7.6	13.0	N.	33	N.	1	1	13	17	13	9	0	0	0	11	7	4	4	0	0	0	0	0	1
August	1.87	1.54	.0	6.3	14.0	N.	33	N.	1	6	11	14	10	4	0	0	0	14	10	5	3	0	0	0	0	0	1
September	2.90	.90	.0	6.6	10.6	N.	29	S.	0	8	8	14	15	8	0	0	0	11	9	8	7	0	0	0	0	0	5
October	10.18	2.37	.0	7.6	14.9	S.	50	S.	12	2	13	16	21	20	0	0	2	7	3	3	2	0	0	0	0	0	2
November	7.12	1.31	.0	7.5	13.6	E.	53	SW.	8	2	8	20	20	15	0	0	2	2	2	2	1	0	0	0	0	0	0
December	8.18	1.47	T	7.4	17.0	E.	84	S.	12	6	4	21	22	20	1	0	2	9	3	5	3	0	0	0	0	0	1
Year	64.26	2.64	T	7.3	15.1	N.	84	S.	93	46	108	212	203	152	1	0	16	89	52	39	27	0	0	0	2	0	10

NORTH PLATTE, NEBR.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
		(1)																									
January	0.31	0.18	5.6	4.0	7.2	NW.	25	NW.	0	18	4	9	4	3	14	4	0	12	1	1	2	23	0	0	31	14	0
February	.23	.12	3.0	5.9	7.6	N.	25	NW.	0	9	6	14	7	2	16	7	0	14	2	3	2	8	0	0	28	0	0
March	1.12	.57	3.4	5.6	8.7	N.	27	N.	0	11	7	13	6	5	14	3	0	7	0	0	0	5	0	0	23	0	1
April	.88	.30	1.0	5.0	10.3	N.	30	NW.	0	11	8	11	9	5	6	4	0	7	0	0	0	1	0	0	10	0	2
May	.66	.65	.0	3.5	7.7	N.	27	NW.	0	15	13	3	2	2	0	0	0	1	0	0	1	0	1	0	1	0	3
June	2.84	1.24	.0	3.0	8.5	S.	31	SW.	0	21	5	4	5	4	0	0	0	0	0	0	0	0	12	6	0	0	8
July	.66	.15	.0	3.9	8.3	S.	35	SW.	1	17	10	4	10	7	0	0	0	0	0	0	0	0	20	14	0	0	13
August	.71	.30	.0	3.9	6.8	SE.	30	N.	0	15	12	4	8	4	0	0	1	1	0	0	0	0	8	4	0	0	10
September	.88	.40	.0	5.0	7.1	S.	25	SW.	0	11	12	7	6	4	0	0	0	1	0	0	0	0	7	2	0	0	5
October	1.56	1.10	.0	2.4	6.9	S.	30	N.	0	20	10	1	2	2	0	0	1	1	0	0	1	0	0	0	2	0	2
November	.45	.29	2.3	4.5	7.4	N.	27	N.	0	12	10	8	6	3	7	4	0	4	1	0	0	4	0	0	26	2	0
December	.68	.25	5.3	5.3	6.9	W.	24	NW.	0	12	6	13	7	4	10	7	0	9	3	0	1	7	0	0	30	1	0
Year	10.98	1.24	20.6	4.3	7.8	N.	35	SW.	1	172	103	91	72	45	67	29	2	57	7	4	7	48	48	26	151	17	44

OKLAHOMA CITY, OKLA.

Airport [H=1,280 ft.; H_b=1,305 ft.; H_t=27 ft.; H_r=24 ft.; H_a=60 ft.] City [H=1,254 ft.; H_b=1,304 ft.; H_t=10 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.70	0.49	6.4	5.5	9.5	N.	26	N.	0	13	4	14	4	3	12	4	0	4	2	2	2	15	0	0	30	0	0
February	3.35	2.21	5.2	6.5	11.7	N.	26	S.	0	7	9	13	8	7	7	3	0	10	3	2	2	0	0	0	17	0	0
March	.02	.02	.0	4.8	11.4	S.	33	NW.	1	10	14	7	1	0	0	0	0	5	0	0	0	0	1	0	7	0	0
April	4.46	1.28	.0	5.5	11.1	S.	26	N.	0	10	9	11	7	6	0	0	1	2	0	0	0	0	3	0	2	0	6
May	3.89	1.69	.0	5.2	8.9	S.	25	S.	0	13	8	10	9	5	0	0	2	2	0	0	0	0	2	0	0	0	7
June	3.05	1.26	.0	5.9	8.9	S.	28	NW.	0	5	17	8	6	5	0	0	0	0	0	0	0	0	10	1	0	0	9
July	5.21	3.52	.0	3.6	9.6	S.	30	NW.	0	17	9	5	7	6	0	0	0	2	0	0	0	0	18	9	0	0	6
August	3.14	1.61	.0	4.8	7.5	S.	26	NE.	0	9	16	6	8	6	0	0	0	0	0	0	0	0	14	9	0	0	11
September	2.71	1.74	.0	5.3	8.1	S.	20	N.	0	11	9	10	7	6	0	0	0	1	0	0	0	0	12	2	0	0	4
October	1.72	.78	.0	3.2	9.0	S.	25	SW.	0	15	12	4	6	6	0	0	0	0	0	0	0	0	0	0	0	0	5
November	4.66	2.02	T	5.4	10.4	S.	29	SW.	0	12	5	13	9	8	2	0	0	8	4	3	0	2	0	0	8	0	1
December	1.89	1.15	T	5.4	9.5	S.	24	N.	0	13	6	12	6	6	2	0	0	10	5	5	3	2	0	0	9	0	0
Year	34.80	3.52	11.6	5.1	9.6	S.	33	NW.	1	135	118	113	78	64	23	7	3	44	14	12	7	19	60	21	73	0	49

OMAHA, NEBR.

Airport [H=978 ft.; H_b=982 ft.; H_t=31 ft.; H_r=29 ft.; H_a=44 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.66	0.28	10.8	5.1	9.8	NW.	36	NW.	1	13	8	10	5	4	13	5	0	10	3	2	3	29	0	0	31	19	0
February	1.17	.40	9.7	7.6	11.2	N.	33	NW.	1	4	8	17	9	5	14	6	0	12	7	5	5	14	0	0	29	1	0
March	1.71	1.03	8.1	8.0	11.9	NW.	33	SE.	2	3	6	22	10	6	12	7	1	16	0	0	0	7	0	0	23	0	2
April	3.46	1.26	T	6.8	14.3	SE.	36	N.	7	7	8	15	12	11	2	0	0	6	0	0	0	0	0	0	5	0	4
May	1.26	.54	.0	5.9	11.1	N.	40	NW.	4	7	13	11	6	5	0	0	1	7	0	0	0	0	1	0	0	0	3
June	3.06	.84	.0	5.9	11.0	S.	35	NW.	3	8	10	12	8	8	0	0	1	4	2	2	2	0	8	2	0	0	6
July	1.56	1.05	.0	5.4	11.0	SE.	34	SE.	1	11	9	11	5	3	0	0	0	0	0	0	0	0	18	12	0	0	9
August	5.00	1.44	.0	6.1	8.3	SE.	41	N.	3	8	10	13	13	10	0	0	0	11	2	2	2	0	4	2	0	0	12
September	.56	.40	.0	4.4	9.3	SE.	25	SW.	0	14	9	7	4	2	0	0	0	2	2	1	1	0	7	1	0	0	2
October	2.53	.85	.0	4.4	9.0	SE.	29	SE.	0	14	9	8	11	7	0	0	0	6	2	3	2	0	0	0	0	0	5
November	2.24	1.37	2.0	7.0	10.3	NW.	36	W.	1	7	4	19	8	5	5	3	0	11	2	2	2	8	0	0	19	1	0
December	1.39	.56	11.0	7.4	9.6	SE.	31	NW.	0	5	5	21	7	5	7	5	0	15	6	4	4	9	0	0	24	2	0
Year	24.50	1.44	41.6	6.2	10.5	SE.	41	N.	23	101	99	166	98	71	53	26	3	100	26	21	21	67	38	17	131	23	43

[1] Jan. and Dec. estimated.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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	29.63	30.01	30.16	29.01	----	15.0	19.8	19.1	----	13.8	18.0	17.4	23.4	10.9	17.2	41	−1	----	10	12	12	11	----	81	72	72	76
February	29.63	30.01	30.14	28.89	----	20.1	26.2	26.5	----	18.5	23.6	24.1	29.6	17.1	23.4	41	1	----	14	17	19	16	----	77	68	70	74
March	29.57	29.95	30.11	29.14	----	25.1	28.9	28.6	----	22.9	26.1	26.0	32.0	21.9	27.0	50	5	----	17	20	20	18	----	71	68	69	70
April	29.60	29.97	30.08	29.14	----	37.7	43.4	41.1	----	34.5	37.4	36.6	46.4	33.3	39.8	75	22	----	30	29	30	30	----	73	59	67	70
May	29.55	29.92	29.85	29.16	----	51.9	58.2	56.3	----	48.7	51.4	50.4	62.8	46.5	54.6	81	35	----	46	45	45	45	----	80	64	67	74
June	29.52	29.88	29.86	29.01	----	60.9	65.1	63.9	----	57.2	58.6	58.3	70.7	52.7	61.7	85	44	----	54	54	54	54	----	80	70	72	76
July	29.67	30.04	30.03	29.38	----	66.3	72.2	71.4	----	62.0	64.4	63.9	76.7	61.1	68.9	89	47	----	59	59	59	59	----	79	65	67	73
August	29.74	30.10	30.03	29.21	----	64.7	73.2	70.8	----	60.1	63.8	63.9	75.7	60.4	68.0	86	45	----	57	58	60	58	----	76	61	69	72
September	29.68	30.05	30.06	29.04	----	56.9	64.4	61.0	----	54.1	57.7	56.9	66.6	52.4	59.5	82	41	----	52	53	54	53	----	84	67	77	81
October	29.71	30.08	30.05	29.26	----	45.2	52.9	50.5	----	42.2	46.3	45.9	56.1	40.9	48.5	75	25	----	39	39	41	40	----	78	60	70	74
November	29.69	30.07	30.21	29.20	----	37.9	41.3	40.6	----	35.0	37.3	37.3	45.1	33.8	39.4	66	19	----	31	32	33	32	----	75	69	74	74
December	29.70	30.08	30.26	28.91	----	30.1	33.3	32.0	----	28.0	30.7	29.6	37.6	23.6	30.6	57	0	----	24	26	25	25	----	77	75	75	76
Year	29.64	30.01	30.26	28.89	----	42.6	48.2	46.8	----	39.8	42.9	42.5	51.9	37.9	44.9	89	−1	----	36	37	38	37	----	78	66	71	74

PALESTINE, TEX.

[ϕ=31°45′ N.; λ=95°40′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.69	30.25	30.15	29.00	34.7	29.8	38.9	41.1	30.7	27.6	33.4	34.9	45.6	27.2	36.4	73	5	23	23	24	25	24	62	75	56	53	62
February	29.48	30.02	29.97	29.09	46.9	43.9	52.4	54.1	42.7	41.2	45.9	46.9	58.3	40.8	49.6	83	26	38	38	39	39	38	73	80	65	62	70
March	29.44	29.97	29.95	29.16	56.8	51.9	64.4	67.3	50.5	48.0	53.3	54.3	70.6	49.3	60.0	85	33	44	44	43	42	43	64	74	48	43	57
April	29.40	29.93	30.08	29.02	61.1	57.8	69.1	70.3	56.2	55.0	58.2	58.6	74.6	55.1	64.8	87	34	52	52	50	49	51	74	83	53	52	66
May	29.43	29.96	29.64	29.23	67.3	63.9	76.6	77.5	61.4	60.7	64.3	64.3	81.0	62.2	71.6	88	54	57	58	56	56	57	72	83	52	50	65
June	29.42	29.94	29.60	29.25	72.7	70.4	81.5	82.2	68.9	68.4	70.4	71.0	85.4	68.6	77.0	92	62	67	67	65	66	66	83	91	59	59	73
July	29.50	30.02	29.64	29.36	76.2	73.3	84.5	85.1	72.4	71.4	73.9	74.1	88.5	72.3	80.4	94	65	71	71	69	69	70	84	91	62	61	74
August	29.43	29.95	29.64	29.20	75.1	71.4	84.7	85.3	70.6	69.2	72.3	72.8	88.9	70.4	79.6	95	61	69	68	67	67	68	81	90	56	57	71
September	29.50	30.03	29.74	29.26	70.2	65.2	80.9	80.0	63.9	61.9	66.3	66.7	84.4	64.2	74.3	95	49	60	60	58	59	59	71	83	47	51	63
October	29.54	30.08	29.85	29.12	64.6	60.1	76.6	74.3	59.0	57.2	62.6	61.8	80.8	58.5	69.6	88	44	55	55	53	53	54	72	84	46	50	63
November	29.61	30.15	30.12	29.11	53.8	49.6	60.4	58.9	49.9	47.2	52.3	52.1	64.7	47.9	56.3	76	24	45	44	44	45	44	74	82	58	63	69
December	29.53	30.07	29.96	28.76	51.0	48.0	57.0	56.5	47.3	45.5	49.8	49.6	61.1	44.9	53.0	71	28	43	43	42	42	43	77	83	62	63	71
Year	29.50	30.03	30.15	28.76	60.9	57.1	68.9	69.4	56.1	54.4	58.6	58.9	73.7	55.1	64.4	95	5	52	52	51	51	51	74	83	55	55	67

PARKERSBURG, W. VA.

[ϕ=39°16′ N.; λ=81°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.	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	29.42	30.14	29.82	28.65	19.1	16.6	23.5	23.1	17.8	16.0	21.0	20.8	27.0	13.5	20.2	54	−6	14	14	14	15	14	82	90	67	69	77
February	29.32	30.02	29.78	28.65	31.5	28.6	36.7	35.7	29.6	27.1	33.2	32.8	41.2	26.1	33.6	65	10	26	24	28	28	27	81	84	70	74	77
March	29.30	29.99	29.80	28.88	36.6	34.2	43.9	42.7	33.6	31.7	37.3	36.9	49.0	31.4	40.2	78	14	29	28	27	28	28	76	77	54	58	66
April	29.28	29.97	29.73	28.78	46.6	44.1	55.6	54.1	42.1	40.1	46.1	45.5	60.2	39.5	49.8	82	24	37	35	35	35	36	70	72	52	53	62
May	29.23	29.91	29.54	28.71	55.5	55.1	68.9	65.1	51.4	50.4	55.9	54.6	73.0	49.9	61.4	91	36	43	46	46	46	46	76	75	47	55	63
June	29.28	29.96	29.60	28.87	66.5	67.1	79.9	75.1	64.0	63.6	67.8	66.3	82.9	62.2	72.6	93	48	62	62	61	61	62	88	83	54	64	72
July	29.40	30.08	29.68	29.19	68.5	68.2	83.6	79.6	66.2	65.1	69.6	69.3	86.3	63.5	74.9	97	50	65	64	63	64	64	89	85	51	60	71
August	29.37	30.04	29.58	29.00	68.9	67.2	80.4	76.9	65.6	64.1	68.5	68.2	84.5	64.3	74.4	93	51	64	62	62	64	63	84	85	56	66	73
September	29.41	30.09	29.67	28.92	58.6	54.8	72.5	67.4	56.9	53.3	60.0	60.6	75.2	52.3	63.8	90	36	56	52	51	56	54	91	92	48	68	73
October	29.41	30.10	29.68	29.13	51.9	47.3	64.2	58.9	49.2	45.5	53.8	52.8	68.0	44.8	56.4	84	30	47	44	46	48	46	85	88	52	68	74
November	29.46	30.16	29.81	28.98	41.9	38.9	49.3	46.8	38.5	36.1	42.2	41.7	52.5	35.6	44.0	75	21	34	32	34	36	34	75	78	58	67	70
December	29.42	30.12	29.88	28.56	40.0	37.3	45.6	42.8	37.5	35.3	40.5	39.0	50.4	33.4	41.9	65	12	34	32	34	34	34	80	83	66	71	75
Year	29.36	30.05	29.88	28.56	48.8	46.6	58.7	55.7	46.0	44.0	49.7	49.0	62.5	43.0	52.8	97	−6	43	41	42	43	42	81	83	56	64	71

PENSACOLA, FLA.

[ϕ=30°25′ N.; λ=87°13′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	30.12	30.18	30.47	29.64	----	34.9	45.8	44.5	----	33.6	40.4	39.8	50.1	31.6	40.8	70	14	----	31	32	33	32	----	85	62	64	70
February	29.98	30.04	30.40	29.45	----	46.8	55.1	53.0	----	44.4	49.0	49.3	58.1	43.1	50.6	70	32	----	41	42	45	43	----	82	64	76	74
March	29.95	30.01	30.33	29.45	----	53.4	63.2	60.8	----	51.0	55.7	55.8	65.9	51.4	58.6	75	35	----	48	49	51	50	----	84	62	73	73
April	29.95	30.01	30.30	29.62	----	60.7	67.6	65.9	----	58.0	60.6	60.6	70.5	57.8	64.2	79	34	----	56	55	56	56	----	84	68	74	76
May	29.92	29.98	30.28	29.63	----	67.8	77.9	74.9	----	63.2	65.8	65.6	80.8	63.9	72.4	87	53	----	60	58	60	59	----	77	53	62	64
June	29.95	30.01	30.12	29.78	----	77.3	82.9	80.1	----	73.7	75.5	74.1	85.0	73.0	79.4	93	66	----	72	72	71	72	----	85	72	76	78
July	30.00	30.06	30.15	29.84	77.8	77.2	83.5	81.7	74.8	74.0	76.0	75.5	86.8	73.7	80.2	95	69	74	73	73	73	73	87	86	72	76	80
August	29.91	29.97	30.07	29.76	78.3	77.2	86.5	82.7	74.7	74.2	76.3	75.7	89.4	74.3	81.8	94	66	73	73	72	73	73	85	87	63	73	77
September	29.93	29.99	30.11	29.68	73.1	70.2	82.2	78.3	67.6	65.8	68.9	69.3	84.4	68.0	76.2	95	53	64	63	62	64	63	75	79	52	64	68
October	30.02	30.08	30.21	29.82	65.2	62.0	77.1	71.2	61.1	58.6	64.2	64.2	79.2	60.4	69.8	85	51	58	56	55	60	57	79	82	50	68	71
November	30.11	30.17	30.39	29.73	----	54.8	64.4	61.0	----	51.6	56.7	55.8	66.9	51.5	59.2	76	25	----	48	49	51	49	----	80	61	71	70
December	30.00	30.06	30.34	29.17	----	54.1	61.5	59.1	----	51.7	55.6	55.0	64.3	50.5	57.4	76	38	----	49	50	51	50	----	84	69	76	76
Year	29.98	30.04	30.47	29.17	----	61.4	70.6	67.8	----	58.3	62.1	61.7	73.4	58.3	65.9	95	14	----	56	56	57	56	----	83	62	71	73

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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	0.04 inch or over	Traces 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	3.83	0.94	48.7	8.1	11.6	NW.	33	SE.	1	5	3	23	20	16	22	20	0	0	0	0	0	27	0	0	31	2	1
February	2.91	.85	21.7	7.3	10.6	N.	36	N.	1	5	4	20	16	11	18	16	0	1	0	0	0	18	0	0	28	0	0
March	2.39	.76	15.8	7.5	11.7	W.	31	W.	0	4	8	19	16	12	19	13	0	0	0	0	0	16	0	0	28	0	0
April	2.88	.76	1.1	6.1	10.1	W.	29	N.	0	9	7	14	13	11	5	3	0	3	1	1	1	1	0	0	10	0	0
May	3.05	.93	.0	6.4	8.1	SE.	22	E.	0	9	6	16	15	13	0	0	0	5	3	3	2	0	0	0	0	0	3
June	3.70	1.87	.0	5.6	8.0	W.	23	SE.	0	10	9	11	14	8	0	0	0	5	3	2	0	0	0	0	0	0	5
July	3.06	1.05	.0	4.6	6.5	S.	26	NW.	0	10	16	5	10	9	0	0	0	3	1	2	2	0	0	0	0	0	2
August	.74	.18	.0	4.5	8.0	SE.	24	SE.	0	10	17	4	7	5	0	0	0	1	0	0	0	0	0	0	0	0	1
September	2.38	1.10	.0	4.9	7.6	W.	24	N.	0	13	8	9	9	5	0	0	1	5	1	2	2	0	0	0	0	0	0
October	1.21	.42	T	6.2	8.6	N.	27	N.	0	8	12	11	11	5	2	0	0	1	0	0	0	0	0	0	7	0	3
November	2.69	.61	7.6	8.7	11.8	SE.	31	S.	0	0	6	24	19	15	12	10	0	0	0	0	0	2	0	0	12	0	0
December	2.84	.67	8.2	8.4	10.6	SE.	34	N.	1	2	7	22	16	9	14	7	0	3	1	1	1	8	0	0	24	1	0
Year	31.68	1.87	103.1	6.5	9.4	SE.	36	N.	3	85	103	178	166	119	92	69	1	27	10	11	8	72	0	0	140	3	15

PALESTINE, TEX.

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

January	1.50	0.68	4.5	4.8	7.6	N.	30	SW.	0	13	9	9	4	4	3	1	0	3	1	3	1	4	0	0	21	0	1
February	3.57	1.13	T	6.7	9.3	S.	21	S.	0	7	6	16	10	9	2	0	0	6	2	2	2	0	0	0	5	0	2
March	.45	.37	T	5.6	9.3	S.	26	NW.	0	9	6	16	2	2	1	0	1	5	0	0	0	0	0	0	0	0	4
April	3.10	1.01	.0	5.9	9.6	S.	26	W.	0	9	10	11	11	8	0	0	0	6	0	0	0	0	0	0	0	0	6
May	3.21	1.94	.0	5.5	7.5	S.	20	S.	0	9	11	11	8	6	0	0	0	4	0	1	0	0	0	0	0	0	8
June	6.69	2.04	.0	5.1	6.5	S.	20	S.	0	8	16	6	13	12	0	0	0	6	0	0	0	0	2	0	0	0	11
July	5.92	5.02	.0	4.8	6.5	S.	18	S.	0	12	14	5	6	4	0	0	0	2	0	1	1	0	17	0	0	0	6
August	2.54	1.33	.0	4.5	7.0	S.	26	NE.	0	13	11	7	10	7	0	0	0	7	1	0	0	0	20	1	0	0	9
September	1.76	1.66	.0	3.0	6.1	NE.	16	E.	0	19	7	4	4	2	0	0	0	3	0	0	1	0	10	1	0	0	3
October	2.26	1.76	.0	3.7	6.4	S.	19	S.	0	16	11	4	6	5	0	0	0	14	3	0	5	0	0	0	0	0	3
November	15.92	12.06	.0	6.2	7.7	N.	23	NE.	0	7	8	15	11	9	0	0	0	2	1	0	4	0	0	0	3	0	5
December	5.87	1.43	.0	6.1	7.1	N.	23	N.	0	10	6	15	11	10	0	0	0	4	5	0	7	0	0	0	3	0	3
Year	52.79	12.06	4.5	5.2	7.5	S.	30	SW.	0	132	115	119	96	78	6	1	1	62	13	7	21	4	49	2	32	0	61

PARKERSBURG, W. VA.

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

January	1.25	0.40	9.2	7.3	6.7	SW.	25	NW.	0	7	4	20	14	7	21	12	0	10	7	0	2	24	0	0	28	1	1
February	3.76	.75	13.7	7.6	6.4	SE.	25	NW.	0	5	7	17	14	10	16	7	0	17	5	5	2	2	0	0	19	0	1
March	3.18	1.40	1.4	7.2	7.7	W.	27	W.	0	4	9	18	13	10	11	4	0	8	1	0	0	4	0	0	19	0	2
April	4.44	1.70	.5	6.6	7.4	NW.	27	W.	0	7	9	14	14	12	2	2	0	10	2	0	0	0	0	0	4	0	5
May	3.77	1.65	.0	6.3	6.1	SW.	22	SW.	0	7	11	13	13	11	0	0	0	8	0	0	3	0	3	0	0	0	7
June	6.36	1.22	.0	5.6	5.7	SE.	21	W.	0	5	18	7	18	14	0	0	1	8	0	0	0	0	4	0	0	0	11
July	1.92	.82	.0	4.2	4.7	SE.	31	NW.	0	13	12	6	10	8	0	0	0	10	1	1	3	0	13	4	0	0	9
August	5.59	1.41	.0	5.4	5.2	SE.	25	S.	0	9	14	8	10	7	0	0	0	13	7	0	1	0	4	0	0	0	1
September	2.13	1.61	.6	3.2	4.5	N.	18	NW.	0	19	6	5	5	5	0	0	0	20	18	4	6	0	1	0	0	0	7
October	1.59	.80	.0	4.3	4.8	SE.	25	W.	0	13	11	7	7	6	0	0	0	17	10	4	6	0	0	0	1	0	3
November	3.87	1.24	7.1	6.6	7.3	SE.	25	SE.	0	8	7	15	12	9	7	3	1	11	2	0	0	2	0	0	15	0	0
December	2.42	.84	T	7.4	6.0	SW.	22	SW.	0	4	10	17	12	10	7	0	0	19	4	4	0	1	0	0	14	0	0
Year	40.28	1.70	31.9	6.0	6.0	SE.	31	NW.	0	101	118	147	142	109	64	28	2	151	57	18	23	33	25	4	100	1	47

PENSACOLA, FLA.

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

January	2.75	1.24	T	4.0	8.2	N.	30	W.	0	16	9	6	9	6	1	0	0	2	1	1	2	0	0	0	17	0	2
February	6.88	4.12	0.0	6.1	9.5	W.	38	SE.	1	8	8	13	11	8	0	0	1	3	3	2	1	0	0	0	0	0	2
March	6.13	2.20	.0	5.1	8.6	SE.	27	NW.	0	9	14	8	10	7	0	0	0	4	3	3	4	0	0	0	0	0	6
April	6.05	2.39	T	5.7	9.7	SE.	33	SE.	1	10	7	13	8	6	1	0	1	6	2	2	0	0	0	0	0	0	6
May	1.24	.77	.0	2.3	7.4	W.	25	W.	0	22	9	0	4	4	0	0	0	2	2	1	1	0	0	0	0	0	1
June	5.89	1.46	.0	5.3	8.3	S.	24	SE.	0	11	12	7	13	11	0	0	0	0	0	0	0	0	2	0	0	0	5
July	18.80	4.73	.0	6.8	6.6	W.	27	W.	0	4	13	14	17	17	0	0	0	0	0	0	0	0	9	0	0	0	21
August	6.55	2.35	.0	5.0	7.0	W.	31	SE.	0	8	18	5	10	9	0	0	0	6	0	0	0	0	12	0	0	0	8
September	.98	.66	.0	4.2	7.5	E.	20	S.	0	16	6	8	4	2	0	0	0	0	0	0	0	0	4	1	0	0	2
October	.59	.21	.0	1.8	6.5	N.	19	N.	0	22	9	0	3	3	0	0	0	8	1	0	0	0	0	0	0	0	1
November	8.24	3.06	.0	5.8	7.6	E.	20	S.	0	9	9	12	7	7	0	0	0	2	2	0	0	0	0	0	2	0	1
December	10.24	3.64	.0	6.6	8.9	E.	34	SE.	1	8	5	18	15	14	0	0	0	1	0	0	0	0	0	0	0	0	3
Year	74.34	4.73	T	4.9	8.0	W.	38	SE.	3	143	119	104	111	94	2	0	2	28	14	9	8	0	27	1	19	0	58

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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	29.48	30.18	29.79	28.40	10.5	8.7	16.1	14.4	10.0	8.4	14.9	13.6	20.8	5.8	13.3	37	−13	8	7	11	11	9	90	92	78	84	86
February	29.38	30.06	29.99	28.88	27.5	25.4	31.8	30.1	26.2	24.4	29.2	28.3	34.4	23.5	29.4	49	−4	24	22	24	25	24	86	88	75	81	82
March	29.34	30.01	29.89	28.92	31.8	29.0	39.6	37.6	29.8	27.5	34.6	33.5	43.7	28.1	35.9	75	10	27	25	27	28	27	80	84	61	68	73
April	29.31	29.97	29.76	28.86	44.8	41.5	54.7	53.5	40.7	39.0	46.2	45.4	60.1	39.4	49.8	84	23	36	36	37	36	36	71	79	55	57	65
May	29.25	29.91	29.64	28.87	52.3	51.5	64.0	62.9	49.3	48.5	55.0	55.0	69.3	48.5	58.9	89	33	46	46	48	49	47	82	82	57	62	71
June	29.26	29.91	29.62	28.92	66.3	65.3	79.8	78.8	62.2	61.8	67.4	67.5	84.6	62.5	73.4	94	51	60	59	60	61	60	79	80	54	56	67
July	29.41	30.05	29.69	29.06	70.0	68.9	85.3	84.6	63.5	64.2	68.5	68.5	89.8	65.1	77.4	104	49	60	61	60	60	60	70	77	43	44	59
August	29.36	30.01	29.62	29.10	67.7	66.2	81.0	76.0	64.5	63.8	69.1	68.3	85.0	64.6	74.8	99	50	63	62	63	64	63	85	88	56	69	74
September	29.45	30.11	29.76	29.08	58.4	53.7	75.5	68.8	54.8	51.9	61.3	59.2	79.4	53.7	66.6	94	34	52	50	51	53	52	80	89	45	57	68
October	29.40	30.06	29.67	29.10	51.8	48.8	67.7	58.9	48.5	46.8	56.1	52.5	71.3	46.8	59.0	88	32	46	45	47	47	46	80	87	50	66	71
November	29.46	30.14	29.90	28.52	34.6	32.5	42.4	37.8	32.9	30.9	37.2	34.6	47.5	28.9	38.2	74	8	30	28	30	30	30	85	85	63	74	77
December	29.43	30.01	29.92	28.94	31.4	30.3	36.5	34.7	30.2	29.4	33.9	32.9	40.0	27.9	34.0	62	−1	28	28	30	30	29	88	90	78	84	85
Year	29.38	30.03	29.99	28.40	45.6	43.5	56.2	53.2	42.7	41.4	47.8	46.6	60.6	41.2	50.9	104	−13	40	39	41	41	40	81	85	60	67	73

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	29.92	30.06	30.40	29.42	----	21.7	28.8	27.4	----	19.1	24.5	23.6	31.6	19.0	25.3	56	5	----	11	13	13	13	----	62	51	53	55
February	29.82	29.95	30.29	28.79	----	31.4	38.4	36.0	---	28.5	33.5	32.0	41.6	28.0	34.8	57	15	----	24	26	25	25	----	69	61	64	64
March	29.84	29.97	30.36	29.26	----	33.0	41.2	38.8	---	29.8	35.3	34.3	44.4	30.6	37.5	66	18	----	23	25	26	24	----	66	54	60	60
April	29.84	29.97	30.26	29.32	----	44.0	53.6	50.0	----	40.4	46.4	44.5	56.7	39.8	48.2	74	26	----	36	38	38	37	----	73	59	66	66
May	29.80	29.92	30.08	29.37	----	57.8	68.0	64.3	----	54.0	59.2	58.1	71.0	53.8	62.4	88	43	----	51	53	53	52	----	79	63	71	71
June	29.81	29.94	30.17	29.43	----	66.9	77.7	73.5	----	61.3	64.8	64.0	80.2	62.5	71.4	91	51	----	57	57	58	57	----	74	50	60	62
July	29.92	30.04	30.23	29.68	69.1	71.5	84.2	77.2	66.3	67.7	70.4	68.8	86.3	68.2	77.2	99	58	65	66	63	64	64	86	82	51	66	71
August	29.98	30.11	30.27	29.54	65.8	68.1	77.4	71.4	63.6	65.2	67.8	66.1	78.9	65.2	72.0	92	53	62	63	62	63	63	89	86	63	76	78
September	29.93	30.05	30.23	29.41	59.8	60.2	73.1	66.0	57.2	57.2	61.5	60.1	75.7	59.0	67.4	90	44	55	55	54	56	55	85	83	52	71	73
October	29.97	30.10	30.36	29.63	47.6	46.9	60.2	52.1	45.2	44.4	50.8	47.8	62.4	46.2	54.3	79	31	42	41	42	43	42	82	82	52	73	72
November	30.01	30.14	30.55	29.53	42.2	41.7	50.2	44.8	39.9	39.3	43.6	41.1	52.6	40.2	46.4	71	25	37	36	36	36	36	82	80	59	73	74
December	30.00	30.01	30.50	29.20	37.0	35.3	44.4	39.0	34.9	33.4	39.6	36.6	47.1	33.6	40.4	62	14	32	30	33	33	32	81	82	64	78	76
Year	29.90	30.13	30.55	28.79	----	48.2	58.1	53.4	----	45.0	49.8	48.1	60.7	45.5	53.1	99	5	----	41	42	42	42	----	76	57	68	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	28.86	30.03	29.10	28.60	47.7	43.0	60.6	64.4	41.0	37.8	47.1	49.3	68.8	42.5	55.6	82	29	32	30	31	32	32	56	62	35	32	46
February	28.84	30.00	29.10	28.52	47.0	43.7	62.1	65.2	43.4	39.1	48.7	49.9	69.6	44.0	56.8	83	35	34	33	32	32	33	57	66	36	33	48
March	28.74	29.88	29.16	28.46	58.0	50.2	71.4	77.0	46.4	42.1	51.9	53.3	79.2	50.5	64.8	88	39	33	32	30	28	31	40	51	23	18	33
April	28.71	29.85	28.98	28.32	64.2	55.0	78.1	82.8	50.8	46.6	56.2	57.0	84.0	56.0	70.0	95	47	38	38	36	33	36	39	53	24	18	33
May	28.65	29.77	28.88	28.42	74.6	65.0	90.9	95.7	55.9	51.1	61.7	62.0	97.0	66.0	81.5	104	59	39	38	38	33	37	29	37	16	12	24
June	28.61	29.71	28.82	28.36	84.1	73.2	96.8	103.7	61.8	58.1	67.0	67.6	103.8	74.0	88.9	115	66	45	46	47	43	45	27	39	20	14	25
July	28.68	29.78	28.84	28.50	86.1	77.2	98.7	105.5	65.8	62.5	69.7	70.2	106.1	76.9	91.5	113	66	53	52	52	48	51	34	44	23	17	29
August	28.67	29.78	28.90	28.46	86.5	78.8	97.0	102.9	68.3	66.8	71.9	72.2	103.9	78.1	91.0	113	70	58	60	59	56	58	40	54	30	22	36
September	28.68	29.80	28.84	28.50	79.0	73.1	91.1	94.4	67.1	65.2	69.9	69.0	97.8	72.6	85.2	107	67	61	61	58	55	59	55	67	36	29	47
October	28.76	29.89	28.98	28.48	66.2	60.4	80.1	81.9	57.8	54.4	62.0	62.4	87.2	59.8	73.5	96	47	52	50	50	49	50	62	70	38	35	51
November	28.84	30.00	29.10	28.54	51.2	45.7	65.3	67.1	45.6	41.5	51.6	52.3	72.6	45.2	58.9	86	36	39	36	38	38	38	66	73	39	37	54
December	28.82	29.98	29.12	28.44	51.0	47.1	60.0	62.7	47.1	44.2	51.5	53.8	67.6	45.9	56.8	83	32	43	42	44	46	44	77	83	60	59	70
Year	28.74	29.87	29.16	28.32	66.3	59.4	79.3	83.6	54.2	50.8	59.1	59.9	86.5	59.3	72.9	115	29	44	43	43	41	43	48	58	32	27	41

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	29.16	30.09	29.58	28.51	15.8	14.7	20.0	18.8	14.8	13.9	18.0	17.1	23.6	11.1	17.4	50	−9	12	12	12	12	12	83	86	70	78	79
February	29.08	30.00	29.54	28.42	28.5	26.0	32.0	31.8	26.5	24.8	29.4	29.4	36.4	23.2	29.8	55	4	24	22	24	25	24	81	86	74	77	79
March	29.06	29.99	29.51	28.73	30.5	29.3	37.9	34.8	28.5	27.7	33.5	31.4	42.0	25.2	33.6	74	9	24	25	26	26	25	78	82	63	69	73
April	29.07	29.97	29.54	28.64	41.8	41.0	52.4	48.8	37.5	37.3	43.6	42.1	56.6	36.5	46.6	79	20	32	32	33	34	33	70	73	52	60	64
May	29.02	29.91	29.31	28.60	54.1	53.9	66.3	61.1	49.3	49.2	53.7	52.6	69.9	49.0	59.4	89	36	45	45	43	45	44	72	73	46	60	63
June	29.05	29.94	29.36	28.61	64.3	65.4	75.9	71.2	60.6	61.3	64.6	63.5	79.2	59.5	69.4	90	45	58	59	58	59	58	81	79	55	67	70
July	29.19	30.08	29.46	28.96	66.9	67.7	81.2	75.5	63.0	63.7	67.6	66.4	84.1	62.6	73.4	94	50	60	61	60	61	61	81	80	50	63	69
August	29.18	30.08	29.43	28.82	65.7	65.0	76.9	72.7	61.7	61.4	65.5	64.7	80.0	61.5	70.8	92	51	59	59	59	60	59	80	82	56	66	71
September	29.19	30.09	29.45	28.67	58.2	54.9	69.7	65.1	55.0	52.9	58.0	56.8	72.6	52.4	62.5	90	36	53	51	49	51	51	82	88	49	61	70
October	29.20	30.10	29.48	28.90	49.3	46.1	59.1	54.6	45.2	43.8	49.9	47.7	62.9	43.2	53.0	82	25	41	41	42	41	41	74	84	54	62	69
November	29.22	30.13	29.60	28.74	39.2	37.8	44.4	42.2	36.0	34.8	38.8	38.2	48.3	34.1	41.2	71	21	32	30	32	33	32	74	75	64	71	71
December	29.18	30.10	29.65	28.39	37.0	34.9	41.7	38.5	34.5	33.0	37.4	35.5	45.6	30.6	38.1	64	6	31	30	31	31	31	78	82	68	76	76
Year	29.13	30.04	29.65	28.39	45.9	44.7	54.8	51.3	42.7	42.0	46.7	45.4	58.4	40.7	49.6	94	−9	39	39	39	40	39	78	81	58	67	71

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

PEORIA, ILL.

Airport [H=654 ft.; H_b=662 ft.; H_t=5 ft.; H_r=3 ft.; H_a=27 ft.] City [H=602 ft.; H_b=609 ft.; H_t=11 ft.; H_r=4 ft.; H_a=45 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind					Number of days																	
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall		Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.84	0.46	4.3	4.8	6.9	W.	24	W.	0	13	9	9	9	5	18	8	0	5	2	0	1	25	0	0	31	13	0
February	.86	.24	8.2	7.1	7.4	N.	18	NW.	0	4	10	15	11	8	16	10	0	10	0	1	0	8	0	0	27	1	0
March	2.10	.98	2.3	5.5	7.8	NE.	24	SW.	0	11	8	12	13	10	9	3	1	5	1	0	0	6	0	0	22	0	2
April	3.85	1.03	T	5.3	8.1	NE.	25	SW.	0	9	10	11	13	9	2	1	0	2	1	0	0	0	0	0	4	0	5
May	3.55	.65	T	5.5	6.0	N.	26	W.	0	9	13	9	15	12	1	1	1	5	1	0	0	0	0	0	0	0	6
June	3.30	2.96	.0	3.4	5.3	S.	17	SW.	0	18	9	3	8	6	0	0	0	0	0	0	0	0	5	0	0	0	7
July	.50	.17	.0	2.4	4.8	S.	17	NE.	0	22	8	1	7	5	0	0	0	0	0	0	0	0	14	9	0	0	4
August	3.29	1.77	.0	5.4	4.2	N.	16	S.	0	10	10	11	15	11	0	0	0	0	0	0	0	0	10	3	0	0	4
September	1.16	1.10	.0	2.4	3.9	NE.	14	NE.	0	21	5	4	3	1	0	0	0	3	0	0	0	0	6	0	0	0	1
October	3.13	1.54	.0	3.0	4.9	S.	24	W.	0	21	6	4	9	8	0	0	0	4	0	0	0	0	0	0	1	0	2
November	1.89	.45	1.3	5.4	7.6	W.	29	SW.	0	11	6	13	9	8	5	1	1	0	1	0	0	5	0	0	18	0	0
December	1.67	.95	.3	6.9	7.0	S.	20	SW.	0	8	3	20	8	6	5	2	0	2	1	0	0	4	0	0	20	1	0
Year	26.14	2.96	16.4	4.8	6.1	W.	29	SW.	0	157	97	112	120	89	56	26	3	36	7	1	1	48	35	12	123	15	31

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=114 ft.; H_t=174 ft.; H_r=166 ft.; H_a=367 ft.]

January	0.96	0.73	2.9	5.1	12.7	NW.	45	S.	2	11	10	10	7	3	9	6	0	3	2	0	0	18	0	0	29	0	0
February	2.90	.94	11.7	5.8	14.4	NW.	42	NW.	4	8	8	13	11	9	8	4	0	8	1	2	2	2	0	0	19	0	0
March	4.10	1.87	3.2	6.5	13.9	NW.	42	SE.	3	5	12	14	10	10	5	3	0	8	1	3	0	2	0	0	17	0	2
April	6.06	2.69	1.2	6.5	13.2	NW.	40	NE.	4	6	8	16	10	7	3	3	0	7	1	1	0	0	0	0	3	0	2
May	4.89	2.05	.0	7.1	12.7	NE.	34	S.	2	3	9	19	17	13	0	0	0	11	0	2	1	0	0	0	0	0	6
June	2.52	1.01	.0	6.1	11.3	SW.	35	NW.	1	5	15	10	10	8	0	0	0	5	0	0	1	0	2	0	0	0	6
July	1.82	.55	.0	4.8	10.2	SW.	43	N.	2	11	12	8	11	7	0	0	0	9	0	0	0	0	13	7	0	0	8
August	7.87	1.82	.0	6.8	11.4	NE.	26	S.	0	4	11	16	12	12	0	0	0	11	1	0	0	0	1	0	0	0	1
September	4.58	3.19	.0	4.4	10.5	N.	41	N.	1	16	7	7	6	3	0	0	0	5	1	0	1	0	1	0	0	0	3
October	2.38	.77	2.2	4.9	12.3	N.	35	N.	1	11	13	7	9	7	2	2	0	10	1	0	0	0	0	0	2	0	0
November	4.24	1.22	T	7.1	13.4	N.	38	S.	3	2	12	16	12	9	3	0	0	7	1	0	0	0	0	0	5	0	1
December	2.53	.84	2.9	6.4	12.3	N.	35	NW.	3	6	10	15	11	8	4	2	0	10	2	3	4	0	0	0	13	0	0
Year	44.85	3.19	24.1	6.0	12.4	NW.	45	S.	26	88	127	151	126	96	34	20	0	94	11	11	9	22	17	7	88	0	29

PHOENIX, ARIZ.

Airport [H=1,108 ft.; H_b=1,112 ft.; H_t=5 ft.; H_r=12 ft.; H_a=87 ft.] City [H=1,083 ft.; H_b=1,107 ft.; H_t=39 ft.; H_r=37 ft.; H_a=87 ft.]

January	0.04	0.03	0.0	5.9	4.9	E.	24	W.	0	8	10	13	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0
February	.61	.28	.0	4.7	5.5	E.	30	W.	0	11	11	7	7	3	0	0	0	3	0	0	0	0	0	0	0	0	2
March	T	T	.0	4.3	6.0	E.	21	W.	0	16	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	.09	.07	.0	4.8	6.5	E.	24	S.	0	10	10	10	3	1	0	0	1	0	0	0	0	0	7	1	0	0	0
May	.01	.01	.0	3.2	6.3	E.	26	NW.	0	21	6	4	1	0	0	0	0	0	0	0	0	0	29	21	0	0	1
June	T	T	.0	3.2	6.6	W.	26	NE.	0	20	6	4	0	0	0	0	0	0	0	0	0	0	30	29	0	0	0
July	.66	.38	.0	4.2	6.3	W.	29	SE.	0	14	11	6	5	3	0	0	1	0	0	0	0	0	31	30	0	0	7
August	.48	.32	.0	3.8	6.1	E.	27	SE.	0	18	10	3	5	3	0	0	0	0	0	0	0	0	31	31	0	0	7
September	1.43	1.00	.0	4.1	5.3	E.	26	SW.	0	16	9	5	5	4	0	0	0	0	0	0	0	0	27	20	0	0	5
October	1.30	.82	.0	3.4	4.9	E.	33	W.	1	20	3	8	4	4	0	0	0	0	0	0	0	0	14	4	0	0	2
November	.11	.10	.0	4.2	5.1	E.	19	W.	0	14	9	7	3	1	0	0	0	2	0	0	0	0	0	0	0	0	0
December	3.75	1.55	.0	6.5	5.0	E.	22	SE.	0	7	6	18	10	9	0	0	0	7	3	4	4	0	0	0	0	0	4
Year	8.48	1.55	.0	4.4	5.7	E.	33	W.	1	175	96	95	45	28	0	0	2	12	3	4	4	0	169	136	1	0	28

PITTSBURGH, PA.

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

January	0.88	0.23	8.9	8.1	12.2	SW.	34	SW.	3	2	7	22	15	7	26	12	0	10	6	6	3	25	0	0	30	3	1
February	3.31	1.38	22.7	7.4	10.9	NW.	31	W.	0	5	6	18	17	15	20	11	0	9	8	5	5	9	0	0	25	0	0
March	4.18	1.27	7.9	7.6	12.8	NW.	45	W.	2	2	11	18	16	13	19	7	1	12	5	5	5	6	0	0	24	0	2
April	5.26	1.44	2.6	7.2	11.7	NW.	41	N.	3	4	9	17	16	3	6	4	2	6	1	0	0	0	0	0	9	0	3
May	4.14	1.70	T	7.7	10.0	SW.	42	NW.	3	1	15	15	17	13	1	0	0	7	2	1	0	0	0	0	0	0	8
June	6.23	1.33	.0	6.4	10.0	SW.	34	W.	2	4	14	12	17	15	0	0	1	8	1	1	0	0	1	0	0	0	18
July	4.16	.98	.0	6.0	8.4	S.	38	NW.	1	7	13	11	14	12	0	0	2	9	3	2	1	0	11	0	0	0	11
August	4.44	2.12	.0	6.0	9.0	S.	27	NW.	0	5	16	10	12	10	0	0	0	11	6	5	4	0	3	0	0	0	6
September	2.59	1.15	.0	5.8	7.9	NW.	34	SW.	1	6	13	11	7	6	0	0	0	13	6	5	6	0	1	0	0	0	3
October	.88	.44	T	6.2	9.0	NW.	25	NW.	0	8	8	15	10	8	2	1	0	9	5	5	5	0	0	0	3	0	2
November	2.92	.99	.3	8.3	12.4	NW.	34	NW.	2	3	4	23	17	11	11	8	0	10	3	2	2	2	0	0	13	0	0
December	2.62	.64	2.4	8.3	11.0	NW.	35	W.	2	3	6	22	14	12	12	5	0	6	3	3	2	2	0	0	19	0	0
Year	41.61	2.12	44.8	7.1	10.4	NW.	45	W.	19	50	122	194	172	135	97	48	6	110	49	40	33	44	16	0	123	3	54

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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	25.53	30.20	25.90	25.21	24.4	21.8	25.8	28.4	23.6	21.1	24.5	27.1	32.0	17.7	24.8	49	−2	22	20	22	25	22	92	92	86	87	89
February	25.43	30.03	25.76	25.00	32.1	31.1	35.6	36.1	30.0	29.0	32.4	33.2	40.3	27.1	33.7	53	5	27	27	28	30	28	83	84	76	76	80
March	25.43	29.98	25.84	25.01	40.4	35.0	45.2	49.7	34.7	31.5	37.7	39.3	52.1	30.5	41.3	69	17	28	27	29	27	28	62	72	55	44	58
April	25.41	29.93	25.88	25.06	45.2	38.7	51.1	56.2	38.8	35.8	42.2	43.9	59.0	35.8	47.4	76	27	32	33	33	31	32	62	79	52	41	59
May	25.46	29.93	25.77	25.19	56.2	46.4	68.7	72.5	43.9	39.6	50.3	50.7	75.7	43.5	59.6	87	28	31	32	34	30	32	40	59	28	22	38
June	25.46	29.88	25.68	25.19	65.1	54.4	76.2	81.4	49.1	44.4	54.7	55.3	84.7	51.5	68.1	103	35	35	35	38	33	35	37	51	28	23	35
July	25.48	29.87	25.70	25.23	69.4	61.1	83.2	88.3	52.3	48.9	59.0	59.0	91.1	57.0	74.0	101	50	38	38	42	37	39	34	45	26	18	31
August	25.50	29.90	25.64	25.29	70.0	57.7	81.1	88.1	51.8	46.8	58.3	58.8	90.8	54.8	72.8	101	44	36	36	42	37	38	31	47	27	18	31
September	25.50	29.97	25.73	25.30	55.3	51.3	65.1	67.5	50.3	47.8	54.5	55.0	73.2	47.5	60.4	90	32	46	45	47	46	46	75	82	56	52	66
October	25.52	30.04	25.89	25.09	47.3	40.8	56.2	59.3	41.9	38.1	46.5	47.8	64.7	37.6	51.2	78	31	36	35	38	38	37	69	82	53	47	62
November	25.57	30.21	25.96	25.18	31.7	28.8	34.6	34.9	29.3	27.0	31.1	31.3	40.7	24.0	32.4	58	5	26	25	26	27	26	81	86	72	72	78
December	25.50	30.13	25.87	24.96	29.0	26.6	33.2	34.0	26.9	25.0	30.0	30.3	40.5	21.6	31.0	57	−2	24	23	25	25	24	83	86	72	69	77
Year	25.48	30.01	25.96	24.96	47.2	41.1	54.7	58.0	39.4	36.2	43.4	44.3	62.1	37.4	49.7	103	−2	32	31	34	32	32	62	72	53	47	59

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	30.18	30.22	30.58	29.58	----	37.1	44.9	----	----	34.8	39.7	----	49.8	33.3	41.6	70	13	----	30	32	----	----	----	76	61	----	----
February	29.98	30.02	30.48	29.53	----	48.1	55.2	----	----	46.4	49.9	----	58.9	44.9	51.9	73	31	----	44	44	----	----	----	87	68	----	----
March	29.95	29.98	30.43	29.74	----	55.7	66.3	----	----	53.1	57.6	----	70.4	53.3	61.8	81	35	----	50	50	----	----	----	84	58	----	----
April	29.91	29.95	30.42	29.54	----	62.3	70.8	----	----	60.0	63.2	----	74.1	59.1	66.6	83	37	----	58	58	----	----	----	87	66	----	----
May	29.93	29.97	30.16	29.73	----	69.1	79.1	----	----	65.9	67.8	----	81.8	66.7	74.2	86	58	----	64	62	----	----	----	84	56	----	----
June	29.90	29.94	30.10	29.72	----	76.1	84.1	82.0	----	72.9	74.1	73.4	86.9	73.3	80.1	95	67	----	72	70	70	----	----	86	63	67	----
July	29.99	30.02	30.12	29.79	79.2	78.2	86.6	83.3	75.2	74.9	76.3	75.9	89.5	75.5	82.5	95	69	74	74	72	73	73	83	86	62	72	76
August	29.90	29.93	30.12	28.83	78.9	75.8	84.1	83.2	74.9	73.1	74.7	75.6	87.8	74.4	81.1	93	63	73	72	70	72	72	83	88	65	71	77
September	29.96	29.99	30.16	29.65	73.5	69.8	81.3	79.5	68.8	66.7	69.8	69.7	84.6	67.9	76.2	94	52	66	65	64	64	65	78	85	56	62	70
October	30.03	30.07	30.30	29.67	68.5	65.1	77.1	72.7	65.2	62.9	66.8	66.5	79.8	63.3	71.6	85	48	63	62	60	63	62	84	89	58	73	76
November	30.11	30.14	30.57	29.67	----	56.7	64.4	----	----	54.3	57.5	----	67.3	54.0	60.6	81	29	----	52	51	----	----	----	84	65	----	----
December	30.00	30.04	30.42	29.17	----	54.4	61.8	----	----	52.8	56.2	----	64.7	51.7	58.2	74	37	----	51	51	----	----	----	89	71	----	----
Year	29.99	30.02	30.58	28.83	----	62.4	71.3	----	----	59.8	62.8	----	74.6	59.8	67.2	95	13	----	58	57	----	----	----	85	62	----	----

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
	(1 2)	(2)	(1 2)	(1 2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	29.60	29.93	30.39	29.29	16.9	14.1	24.7	21.5	15.5	12.6	21.3	18.8	26.5	11.6	19.0	44	−1	11	7	12	10	10	75	70	55	60	65
February	29.79	29.91	30.30	28.78	24.7	22.8	31.5	28.3	22.5	20.8	27.0	25.0	33.8	20.4	27.1	43	8	17	15	16	18	16	69	72	54	62	64
March	29.74	29.87	30.52	29.20	27.6	26.1	35.3	31.9	25.9	24.1	30.7	28.6	37.0	23.9	30.4	57	7	22	19	21	22	21	78	73	53	65	68
April	29.82	29.94	30.27	29.07	36.8	37.7	44.0	40.1	33.9	34.6	38.5	36.2	47.0	33.8	40.4	64	22	29	30	31	30	30	76	74	63	72	71
May	29.85	29.97	30.17	29.45	49.3	51.4	56.6	52.6	47.1	48.5	50.7	48.8	59.6	45.8	52.7	76	38	45	45	44	46	45	82	82	70	78	78
June	29.75	29.87	30.22	29.32	55.8	58.0	65.8	60.8	52.7	53.1	57.3	55.7	68.6	52.1	60.4	89	45	50	49	51	52	50	82	74	62	74	73
July	29.88	30.00	30.15	29.52	60.8	66.4	76.1	66.7	59.9	62.9	66.0	62.9	76.5	60.5	68.5	95	54	59	61	60	59	60	94	83	60	81	80
August	29.99	30.10	30.37	29.53	57.2	63.3	74.2	64.2	55.9	59.4	63.8	60.0	73.4	58.1	65.8	85	44	55	57	57	57	56	92	80	57	78	77
September	29.87	29.98	30.36	29.39	52.3	55.8	66.8	57.3	51.0	53.5	58.6	56.4	67.8	52.1	60.0	80	39	50	51	53	52	52	92	86	61	85	81
October	29.91	30.03	30.30	29.48	40.5	41.8	56.1	44.2	38.0	39.1	46.4	40.5	55.5	40.5	48.0	70	29	34	35	35	36	35	78	78	45	73	69
November	29.92	30.03	30.41	29.28	33.7	32.5	43.8	36.9	32.1	31.2	39.0	34.8	45.6	29.1	37.4	62	5	29	29	32	32	30	84	88	65	81	80
December	29.95	30.06	30.50	29.32	22.4	20.9	31.9	26.3	21.5	20.1	29.6	24.8	34.4	14.5	24.4	45	−16	19	18	24	21	21	86	89	73	79	82
Year	29.86	29.98	30.52	28.78	39.8	40.9	50.6	44.2	38.0	38.3	44.1	41.0	52.1	36.9	44.5	95	−16	35	35	36	36	36	82	79	60	74	74

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
	(1 4)	(4)	(1 4)	(1 4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)						(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
January	29.87	30.04	30.30	29.38	40.6	38.9	40.5	44.1	37.9	36.2	37.2	39.7	47.3	37.2	42.2	60	27	34	32	32	34	33	79	78	74	68	75
February	29.76	29.93	30.26	29.21	45.5	44.1	45.5	49.0	43.3	42.3	43.2	45.2	52.0	42.4	47.2	59	32	41	40	41	41	41	84	87	84	76	83
March	29.85	30.02	30.30	29.12	49.2	45.7	50.6	57.0	46.0	44.1	46.8	49.7	59.2	44.5	51.8	72	39	42	42	43	43	43	79	88	76	62	76
April	29.90	30.06	30.17	29.62	51.7	47.5	55.2	61.5	47.7	45.7	49.3	52.0	63.5	47.1	55.3	82	40	44	44	43	43	44	76	88	67	53	71
May	29.86	30.03	30.14	29.49	59.3	52.1	63.2	71.6	52.7	49.2	54.3	57.1	73.3	51.9	62.6	89	44	47	46	47	45	46	66	82	56	42	61
June	29.89	30.06	30.11	29.61	64.0	56.2	67.6	77.4	55.2	52.0	56.9	60.5	79.2	55.8	67.5	97	46	48	49	49	48	48	58	77	52	37	56
July	29.87	30.03	30.12	29.62	64.6	58.7	67.9	77.9	58.5	55.7	59.3	63.0	79.2	58.7	69.0	94	51	54	53	53	53	54	70	83	60	43	64
August	29.86	30.03	30.08	29.65	66.2	59.6	69.6	80.7	59.0	56.4	60.5	63.7	81.9	59.0	70.4	99	52	54	54	54	52	54	67	82	59	40	62
September	29.79	29.96	30.08	29.57	62.3	58.6	64.7	72.4	58.9	57.0	59.5	62.0	73.7	57.5	65.6	88	46	56	56	56	55	56	82	90	74	58	76
October	29.82	29.99	30.08	29.40	55.3	52.7	57.8	62.5	53.4	51.6	54.4	57.0	65.5	51.8	58.6	80	41	52	51	52	53	52	89	94	82	72	84
November	29.98	30.15	30.33	29.44	41.4	39.8	42.7	45.8	40.0	38.9	40.8	42.9	49.7	38.8	44.2	61	30	38	38	38	40	38	90	92	86	80	87
December	29.78	29.96	30.21	28.85	41.1	39.7	42.3	44.6	38.9	38.0	40.2	41.5	49.0	39.0	44.0	63	29	36	36	37	37	36	83	86	83	76	82
Year	29.85	30.02	30.33	28.85	53.4	49.5	55.6	62.0	49.3	47.3	50.2	52.9	64.5	48.6	56.5	99	27	46	45	45	45	45	77	86	71	59	73

[1] Pressure at airport adjusted to the old (city) station elevation: Portland, Maine, 103 ft.; Portland, Oregon, 154 ft.
[2] Airport data beginning with July.
[3] Airport data beginning Nov. 7.
[4] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	2.52	0.64	19.2	8.6	8.7	SW.	36	NE.	2	2	3	26	15	14	21	11	0	18	6	1	4	14	0	0	27	4	0
February	1.87	.52	10.3	9.0	11.9	SW.	40	S.	2	0	6	23	15	10	15	9	0	3	1	1	0	3	0	0	22	0	0
March	.79	.34	1.4	7.1	10.1	SW.	34	W.	2	3	11	17	9	6	3	1	0	0	0	0	0	0	0	0	17	0	0
April	1.63	.55	T	6.6	11.7	SW.	36	W.	3	4	12	14	9	5	4	1	1	1	0	0	0	0	0	0	9	0	3
May	.05	.02	.0	4.8	9.5	SW.	39	W.	3	12	9	10	3	0	0	0	0	0	0	0	0	0	0	0	1	0	4
June	.38	.25	.0	4.0	10.6	W.	38	W.	2	13	12	5	6	3	0	0	0	0	0	0	0	0	12	7	0	0	0
July	.21	.16	.0	5.1	9.3	SW.	28	SE.	0	7	18	6	3	2	0	0	0	0	0	0	0	0	21	8	0	0	7
August	.12	.12	.0	3.9	8.7	W.	26	S.	0	13	14	4	1	1	0	0	0	0	0	0	0	0	19	7	0	0	6
September	3.80	1.12	.0	6.4	7.0	SW.	30	S.	0	6	8	16	15	14	0	0	1	1	1	1	1	0	0	0	0	0	11
October	1.64	1.02	.0	5.3	7.6	SW.	33	SW.	1	12	6	13	5	3	0	0	0	0	0	0	0	0	0	0	2	0	1
November	.71	.25	2.0	6.6	8.3	SW.	34	S.	1	8	3	19	7	3	11	4	0	3	0	0	0	7	0	0	22	0	0
December	1.64	.48	4.1	6.3	8.0	SW.	34	W.	2	7	9	15	9	7	8	5	0	7	1	0	0	6	0	0	30	3	0
Year	14.76	1.12	37.0	6.1	9.3	SW.	40	S.	18	87	111	168	97	68	62	31	2	33	9	3	5	30	52	22	130	7	32

PORT ARTHUR, TEX.

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

Month	Total	Maximum in 24 hours	Total snowfall	Cloudiness	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
January	1.66	0.52	1.8	6.0	12.7	N.	38	NW.	4	9	9	13	7	5	1	1	0	7	6	5	4	1	0	0	13	0	3
February	3.95	1.74	.0	6.8	14.6	S.	43	E.	2	6	8	15	8	7	0	0	0	5	3	4	3	0	0	0	1	0	2
March	1.99	1.95	.0	6.4	12.8	S.	34	NW.	1	7	12	12	4	1	0	0	0	8	7	7	4	0	0	0	0	0	3
April	6.83	2.95	.0	6.2	14.9	S.	56	SE.	7	8	8	14	8	8	0	0	2	2	2	1	1	0	0	0	0	0	9
May	.88	.52	.0	4.9	12.3	S.	34	SE.	1	9	14	8	7	5	0	0	0	1	1	0	0	0	0	0	0	0	6
June	5.59	2.70	.0	5.6	11.3	S.	38	SW.	2	8	13	9	13	10	0	0	0	0	0	0	0	0	4	1	0	0	1
July	7.00	3.06	.0	6.6	10.3	S.	34	W.	2	3	16	12	14	12	0	0	0	0	0	0	0	0	15	0	0	0	14
August	7.76	5.37	.0	4.8	11.9	S.	82	NE.	3	12	13	6	12	7	0	0	0	0	0	0	0	0	16	0	0	0	11
September	4.32	3.53	.0	3.4	11.6	NE.	39	NE.	2	18	8	4	6	6	0	0	0	0	0	0	0	0	9	0	0	0	4
October	3.15	1.75	.0	4.6	11.2	SE.	45	NW.	2	13	10	8	5	4	0	0	0	6	5	3	3	0	0	0	0	0	2
November	8.58	3.17	.0	6.7	14.4	N.	41	SE.	5	5	7	18	11	8	0	0	0	2	1	1	0	0	0	0	2	0	2
December	9.75	5.40	.0	6.7	12.8	NE.	31	SE.	0	7	6	18	14	10	0	0	0	5	3	3	3	0	0	0	0	0	7
Year	61.46	5.40	1.8	5.7	12.6	S.	82	NE.	31	105	124	137	109	83	1	1	2	36	30	24	18	1	44	1	16	0	70

PORTLAND, MAINE

Airport [H=60 ft.; H_b=63 ft.; H_t=5 ft.; H_r=26 ft.; H_a=36 ft.] City [H=47 ft.; H_b=103 ft.; H_t=82 ft.; H_r=75 ft.; H_a=117 ft.]

Month	Total	Maximum in 24 hours	Total snowfall	Cloudiness	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(2)
January	3.69	2.98	5.7	3.5	9.1	W.	31	SE.	0	20	4	7	8	4	12	6	0	0	4	0	1	26	0	0	30	1	1
February	4.57	1.21	20.9	4.7	8.9	N.	33	NE.	1	14	5	10	14	12	15	12	0	2	3	0	0	11	0	0	28	0	0
March	5.34	1.53	11.1	4.5	9.1	N.	33	SE.	1	16	5	10	10	9	12	7	0	8	0	4	3	7	0	0	27	0	0
April	7.12	1.72	9.5	5.9	10.1	N.	36	SE.	1	9	10	11	14	12	10	6	0	10	5	6	4	0	0	0	9	0	1
May	5.82	2.47	T	6.1	8.7	S.	26	S.	0	12	3	16	16	13	1	0	0	14	12	3	10	0	0	0	0	0	6
June	3.13	.60	.0	4.8	8.3	S.	29	NW.	0	12	10	8	16	14	0	0	1	5	3	1	7	0	0	0	0	0	11
July	3.18	1.16	.0	4.7	6.8	S.	20	NW.	0	13	11	7	14	9	0	0	0	7	1	0	11	0	1	0	0	0	7
August	1.15	.85	.0	2.6	7.7	S.	26	S.	0	23	5	3	7	3	0	0	0	3	0	0	5	0	0	0	0	0	2
September	3.92	1.29	.0	4.6	7.4	N.	30	E.	0	13	11	6	11	9	0	0	0	2	1	0	10	0	0	0	0	0	2
October	0.32	.18	T	3.4	8.4	N.	26	NW.	0	19	6	6	2	2	4	0	0	0	0	0	0	0	0	0	7	0	1
November	5.52	1.72	5.4	6.3	8.1	W.	33	NW.	2	7	8	15	16	12	10	6	0	10	3	1	1	2	0	0	18	0	0
December	3.11	.71	10.8	5.8	5.0	N.	18	N.	0	13	6	12	12	11	8	5	0	19	6	4	2	7	0	0	28	2	0
Year	46.87	2.98	63.4	4.7	8.1	N.	36	SE.	5	171	84	111	140	110	72	42	1	80	38	19	54	53	1	0	147	3	31

PORTLAND, OREG.

Airport [H=34 ft.; H_b=39 ft.; H_t=29 ft.; H_r=25 ft.; H_a=48 ft.] City [H=30 ft.; H_b=154 ft.; H_t=68 ft.; H_r=63 ft.; H_a=106 ft.]

Month	Total	Maximum in 24 hours	Total snowfall	Cloudiness	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
January	2.36	0.72	T	8.4	7.6	E.	24	E.	0	2	6	23	13	11	2	0	0	9	7	6	6	0	0	0	5	0	0
February	10.82	2.44	0.0	8.9	7.2	S.	21	NE.	0	1	5	23	25	21	0	0	0	7	2	2	0	0	0	0	0	0	0
March	5.12	1.09	.0	8.0	6.0	SE.	27	S.	0	4	3	24	18	15	0	0	1	5	2	2	0	0	0	0	0	0	1
April	2.76	1.10	.0	8.3	5.8	W.	19	SW.	0	1	3	26	14	12	0	0	0	2	0	0	0	0	0	0	0	0	1
May	1.57	.57	.0	6.2	7.1	NW.	21	SW.	0	6	11	14	6	6	0	0	2	0	0	0	0	0	0	0	0	0	1
June	.06	.03	.0	4.5	7.1	NW.	17	NW.	0	12	9	9	2	0	0	0	0	0	0	0	0	0	3	2	0	0	1
July	.39	.17	.0	6.1	6.5	NW.	16	NW.	0	7	11	13	7	4	0	0	0	0	0	0	0	0	1	0	0	0	1
August	.07	.04	.0	4.0	7.0	NW.	17	NW.	0	14	14	3	3	0	0	0	0	3	0	0	0	0	6	1	0	0	0
September	3.56	1.70	.0	7.1	5.2	NW.	15	SW.	0	5	7	18	9	9	0	0	0	8	4	1	1	0	0	0	0	0	6
October	4.26	1.35	.0	8.4	5.3	SE.	20	S.	0	1	6	24	18	13	0	0	0	8	4	0	0	0	0	0	0	0	0
November	4.82	1.03	.0	8.2	5.8	E.	26	E.	0	3	4	23	14	11	0	0	0	8	7	7	5	0	0	0	2	0	0
December	5.03	1.60	.0	7.5	6.0	SE.	28	S.	0	5	4	22	16	13	0	0	0	7	5	5	5	0	0	0	5	0	0
Year	40.82	2.44	T	7.1	6.4	NW.	28	S.	0	61	83	222	145	115	2	0	3	57	31	23	17	0	10	3	12	0	11

[1] Airport data beginning Nov. 27.
[2] Airport data beginning Nov. 7.

458404—42——8

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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.	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	29.79	29.97	30.36	29.30	18.5	17.1	27.5	23.1	16.9	15.5	23.9	20.3	29.5	16.0	22.8	52	7	12	10	14	12	12	72	72	57	61	65
February	29.73	29.91	30.25	28.73	26.5	25.0	35.3	30.7	24.9	23.5	31.0	28.0	36.9	23.2	30.0	49	9	21	20	23	22	22	79	78	61	70	72
March	29.73	29.91	30.38	29.14	28.5	28.4	37.9	32.9	26.6	26.3	33.2	30.4	40.2	26.4	33.3	60	14	22	22	25	26	24	76	74	60	73	71
April	29.77	29.94	30.18	29.10	38.5	40.9	49.0	43.9	36.2	37.4	42.0	39.6	52.2	36.8	44.5	70	27	33	32	33	34	33	80	73	59	70	70
May	29.78	29.96	30.12	29.38	50.4	53.3	61.4	55.5	48.3	50.2	54.5	51.5	64.5	48.7	56.6	75	43	48	47	48	47	47	87	82	66	77	78
June	29.74	29.91	30.17	29.36	58.1	62.1	71.6	64.7	55.0	57.1	61.1	58.9	75.9	56.2	66.0	92	47	52	53	54	55	54	83	75	56	72	72
July	29.87	30.04	30.15	29.56	64.6	68.0	78.6	70.9	62.6	63.9	67.7	65.8	83.2	63.6	73.4	97	55	61	62	63	62	62	90	80	58	77	76
August	29.97	30.14	30.28	29.47	60.7	64.2	74.9	66.9	58.8	60.7	64.3	62.2	79.3	59.1	69.2	88	44	57	58	58	59	58	89	82	56	77	76
September	29.86	30.03	30.24	29.34	56.5	58.1	69.8	60.6	54.7	55.4	59.0	56.8	73.7	54.1	63.9	87	39	53	53	51	54	53	89	84	53	80	76
October	29.90	30.07	30.28	29.50	44.2	44.7	56.8	47.9	41.4	41.8	47.3	43.5	59.6	31.3	50.4	80	27	37	38	37	38	37	78	77	48	69	68
November	29.91	30.09	30.46	29.40	38.9	39.1	46.9	41.3	36.6	36.8	41.2	37.8	50.0	35.8	42.9	69	19	33	34	34	33	33	80	81	62	72	74
December	29.93	30.11	30.46	29.27	31.8	31.1	39.9	35.0	29.7	29.0	34.8	31.8	43.4	27.5	35.4	62	2	26	25	26	26	25	77	77	59	69	70
Year	29.83	30.01	30.46	28.73	43.1	44.3	54.1	47.8	41.0	41.5	46.7	43.9	57.4	40.7	49.0	97	2	38	38	39	38	38	82	78	58	72	72

PUEBLO, COLO.

Airport [ϕ=38°16′ N.; λ=104°36′ W.] City [ϕ=38°18′ 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 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	25.31	30.22	25.61	24.82	15.2	12.9	27.6	23.4	14.2	11.6	23.5	20.9	34.5	9.1	21.8	61	−14	12	8	16	16	13	84	79	63	74	75
February	25.21	29.98	25.59	24.78	29.8	27.1	43.3	40.7	26.9	24.5	34.4	33.6	48.7	24.3	36.5	76	4	23	20	23	25	23	75	76	48	55	64
March	25.18	29.88	25.53	24.68	37.9	31.5	52.8	54.5	32.5	28.3	40.7	41.1	59.0	30.6	44.8	79	15	26	24	27	26	26	63	73	42	37	54
April	25.21	29.89	25.78	24.77	44.9	37.6	57.7	58.3	38.7	34.1	44.4	45.1	63.5	36.9	50.2	82	9	32	30	31	32	31	63	74	74	42	55
May	25.30	29.92	25.65	25.02	55.7	49.2	70.1	70.1	48.5	44.5	53.4	53.8	74.7	48.3	61.5	90	34	42	40	40	41	41	64	72	39	40	54
June	25.28	29.85	25.56	24.98	64.6	57.1	81.3	80.9	53.5	49.5	58.7	58.0	86.0	56.1	71.0	96	45	46	44	44	42	44	52	64	28	28	43
July	25.35	29.91	25.56	25.65	70.7	62.7	87.0	84.9	59.6	55.8	63.7	62.6	92.6	61.0	76.8	104	52	53	51	50	50	51	57	69	31	32	47
August	25.36	29.93	25.67	25.12	67.3	59.0	82.4	81.1	57.5	53.5	61.7	61.1	88.0	57.2	72.6	97	53	51	50	49	49	50	58	73	34	35	50
September	25.35	29.90	25.60	25.18	61.6	55.1	74.7	73.4	55.7	51.6	59.0	58.7	80.4	53.0	66.7	94	45	52	49	49	49	50	72	82	45	47	62
October	25.33	29.99	25.71	24.97	48.9	41.9	68.1	66.0	41.7	37.1	50.4	49.5	73.9	38.6	56.2	85	26	34	32	35	35	34	58	68	31	32	47
November	25.32	30.12	25.66	24.86	29.6	26.8	45.3	41.4	25.7	23.7	36.0	33.9	51.3	20.8	36.0	72	−12	20	19	25	24	22	69	71	49	55	61
December	25.27	30.09	25.59	24.74	26.0	23.7	40.9	34.6	23.2	21.1	32.9	29.7	47.0	18.4	32.7	75	−18	19	17	23	23	20	75	76	53	66	68
Year	25.29	29.98	25.78	24.68	46.0	40.4	60.9	59.1	39.8	36.3	46.6	45.7	66.6	37.9	52.2	104	−18	34	32	34	34	34	66	73	42	45	57

RALEIGH, N. C.

Airport [ϕ=35°45′ N.; λ=78°37′ W.] City [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 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	29.69	30.11	30.12	29.08	26.9	23.9	36.1	32.7	24.8	22.5	31.3	29.2	39.2	24.0	31.6	63	8	20	19	22	22	21	74	81	58	64	69
February	29.57	29.98	30.01	28.82	40.1	36.8	49.4	45.6	37.1	34.5	42.4	40.8	54.0	34.9	44.4	68	17	33	31	33	34	33	74	79	56	64	68
March	29.58	29.98	30.04	29.02	42.5	39.7	55.5	51.3	38.7	37.1	46.2	44.4	58.5	38.2	48.4	77	21	34	33	36	36	35	72	78	51	59	65
April	29.57	29.98	30.00	29.01	51.7	51.7	67.2	61.0	47.6	47.9	54.3	52.1	69.4	46.7	58.0	84	29	44	44	42	44	43	74	76	43	56	62
May	29.52	29.92	29.87	29.16	60.3	61.7	76.8	71.2	56.3	57.2	62.6	61.7	79.0	57.1	68.0	95	44	53	54	53	55	54	78	76	46	60	65
June	29.58	29.98	29.85	29.23	70.8	72.9	86.6	80.2	67.4	68.5	71.2	70.4	88.7	68.1	78.4	96	58	66	66	63	66	65	84	90	47	63	68
July	29.68	30.07	29.94	29.44	71.9	73.8	87.2	81.0	68.3	69.1	72.2	71.8	88.5	68.5	78.5	104	58	66	67	65	68	66	84	79	50	65	70
August	29.64	30.03	29.83	29.33	72.0	72.1	84.1	78.0	69.8	69.7	73.9	72.4	85.5	69.3	77.4	95	60	69	69	69	70	69	90	90	62	77	80
September	29.66	30.05	29.91	29.21	63.2	62.6	79.3	70.6	60.0	59.7	65.6	63.2	80.2	59.7	70.0	94	47	58	58	58	59	58	83	85	48	67	71
October	29.70	30.10	29.98	29.37	53.1	51.0	70.0	61.5	50.1	48.7	57.7	54.9	71.6	50.2	60.9	85	35	48	46	48	50	48	82	85	48	67	71
November	29.77	30.18	30.18	29.38	47.5	44.0	59.2	52.1	44.4	41.7	49.9	46.5	61.7	42.9	52.3	80	28	41	39	40	40	40	77	82	53	65	69
December	29.73	30.14	30.14	29.06	43.9	40.6	54.2	48.4	41.5	38.8	47.6	44.9	57.5	36.8	47.2	73	16	38	36	40	40	39	81	84	62	75	76
Year	29.64	30.04	30.18	28.82	53.7	52.6	67.1	61.1	50.5	49.6	56.2	54.4	69.5	49.7	59.6	104	8	43	47	47	49	48	79	81	52	65	70

RAPID CITY, S. DAK.

Airport [ϕ=44°11′ N.; λ=103°5′ 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	26.71	30.27	27.12	26.23	12.2	10.3	20.1	16.1	11.0	9.1	17.3	14.6	25.8	6.5	16.2	58	−14	8	6	11	12	9	82	82	68	82	78
February	26.57	30.06	27.10	26.08	21.6	21.2	31.1	28.0	20.4	20.2	27.3	25.5	37.1	18.2	27.6	62	2	19	18	22	22	20	89	87	70	78	81
March	26.57	30.02	26.89	26.09	28.7	27.4	36.9	36.9	27.3	26.0	32.7	32.9	42.3	25.7	34.0	67	6	25	24	28	28	26	88	87	73	74	80
April	26.60	30.01	27.26	26.13	36.9	34.3	44.8	45.9	35.1	32.7	39.3	40.1	49.9	32.7	41.3	73	7	33	31	34	34	33	85	87	69	67	77
May	26.65	29.99	26.96	26.25	50.6	46.4	66.9	67.5	44.4	42.0	51.3	51.3	70.8	45.0	57.9	92	34	38	37	37	36	37	64	71	35	53	51
June	26.60	29.90	26.87	26.29	61.7	57.6	75.1	77.2	53.5	51.8	58.7	59.4	79.9	55.6	67.8	98	44	47	47	47	47	47	61	70	40	38	52
July	26.65	29.92	26.92	26.24	70.6	64.9	85.0	85.8	59.6	57.6	65.3	64.2	89.6	64.3	77.0	105	57	52	53	54	51	53	56	67	37	34	48
August	26.67	29.96	27.01	26.38	66.3	59.7	80.8	81.9	55.5	53.0	61.0	60.5	84.4	59.3	71.8	97	50	48	48	48	45	47	53	66	34	31	46
September	26.68	29.99	26.99	26.40	61.4	56.7	73.9	74.6	52.9	51.4	58.5	58.0	78.8	54.3	66.6	95	39	46	47	48	46	47	60	72	43	42	54
October	26.62	29.98	27.07	26.18	48.9	46.3	64.1	58.8	42.5	40.8	49.9	47.5	67.8	44.3	56.0	81	30	36	34	37	36	36	62	65	38	46	53
November	26.68	30.15	27.06	26.32	26.6	25.2	38.1	32.2	23.7	22.8	31.0	27.4	43.4	20.6	32.0	66	−3	19	19	20	20	19	72	76	51	60	65
December	26.59	30.06	27.06	26.09	28.2	26.5	36.5	31.2	25.2	23.8	30.4	27.5	43.0	21.7	32.4	66	−4	21	20	22	22	21	74	74	57	69	69
Year	26.63	30.02	27.26	26.08	42.8	39.7	54.4	53.0	37.6	35.9	43.6	42.4	59.4	37.4	48.4	105	−14	33	32	34	33	33	70	75	51	54	63

[1] Pressure 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, 1940*—Continued

PROVIDENCE, R. I.

Airport [H=54 ft.; H_b=62; H_t=57 ft.; H_r=53 ft.; H_a=78 ft.] City [H=8 ft.; H_b=159 ft.; H_t=215 ft.; H_r=211 ft.; H_a=251 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	2.50	2.20	4.2	4.1	12.8	NW.	42	SE.	7	17	4	10	7	4	9	5	0	1	1	0	1	22	0	0	28	0	0
February	3.13	.93	17.1	5.7	13.3	NW.	47	NW.	3	9	9	11	12	10	13	9	0	5	2	0	0	6	0	0	26	0	0
March	3.69	1.15	3.0	5.1	13.7	NW.	40	NW.	10	12	10	9	12	10	7	3	0	5	2	1	1	4	0	0	24	0	2
April	5.30	1.94	.2	5.5	13.3	NW.	50	NW.	6	12	8	10	15	9	3	1	0	10	3	1	0	0	0	0	3	0	0
May	5.01	1.88	.0	7.0	11.4	S.	37	NW.	1	5	11	15	14	9	0	0	0	16	5	1	0	0	0	0	0	0	1
June	2.22	.50	.0	5.2	10.7	NW.	33	NW.	2	11	10	9	11	7	0	0	0	8	1	1	0	0	1	0	0	0	4
July	3.24	1.38	.0	5.6	8.6	NW.	23	NW.	0	9	11	11	11	9	0	0	1	7	0	0	0	0	7	2	0	0	6
August	.99	.36	.0	4.7	9.8	SW.	28	NW.	0	10	12	9	8	7	0	0	0	11	0	0	1	0	0	0	0	0	1
September	2.57	1.77	.0	5.1	10.5	NW.	35	NW.	2	11	8	11	9	8	0	0	0	7	1	0	0	0	0	0	0	0	2
October	1.86	.95	.0	4.9	11.4	NW.	37	NW.	1	12	10	9	9	8	0	0	0	4	0	0	0	0	0	0	6	0	0
November	6.38	1.79	6.5	6.9	12.3	NW.	43	NW.	5	8	5	17	11	7	7	4	0	8	0	0	0	0	0	0	8	0	0
December	2.15	.68	2.9	6.5	10.5	NW.	42	NW.	4	8	7	16	12	10	6	2	0	12	0	0	1	1	0	0	19	0	0
Year	39.04	2.20	33.9	5.5	11.5	NW.	50	NW.	41	124	105	137	131	98	45	24	1	94	15	4	4	33	8	2	114	0	16

PUEBLO, COLO.

Airport [H=4,799 ft.; H_b=4,806 ft.; H_t=5 ft.; H_r=3 ft.; H_a=36 ft.] City [H=4,668 ft.; H_b=4,690 ft.; H_t=79 ft.; H_r=72 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.72	0.31	8.9	5.5	5.1	E.	29	NW.	0	8	13	10	10	6	11	10	0	2	0	0	1	16	0	0	30	9	0
February	.66	.43	8.1	5.4	6.9	W.	33	W.	1	8	11	10	8	4	9	8	0	0	0	0	0	3	0	0	26	0	0
March	.36	.21	3.5	4.5	7.4	NW.	26	W.	0	13	12	6	5	3	6	4	0	0	0	0	0	0	0	0	20	0	0
April	1.54	.68	9.9	5.3	7.2	E.	32	W.	2	9	12	9	6	5	4	4	0	0	0	0	0	0	0	0	5	0	3
May	1.76	.76	.0	5.1	6.2	E.	34	NW.	1	9	14	8	10	7	0	0	0	0	0	0	0	0	1	0	0	0	9
June	.39	.17	.0	4.4	6.5	E.	30	W.	0	11	17	2	5	3	0	0	1	0	0	0	0	0	13	4	0	0	9
July	1.01	.33	.0	5.5	8.8	E.	42	W.	6	5	21	5	11	7	0	0	0	1	0	1	0	0	22	12	0	0	22
August	.82	.39	.0	5.0	7.7	E.	34	N.	2	8	20	3	9	6	0	0	0	2	1	0	2	0	11	5	0	0	14
September	1.96	.88	.0	5.8	7.0	E.	27	S.	0	6	14	10	9	9	0	0	0	3	1	0	2	0	4	0	0	0	7
October	.36	.32	.0	3.8	7.6	NW.	40	N.	3	15	12	4	2	2	0	0	0	0	0	0	0	0	0	0	4	0	1
November	.90	.61	11.8	5.1	7.3	W.	35	NW.	1	12	7	11	6	4	8	6	0	5	1	2	1	2	0	0	28	3	0
December	.42	.32	8.1	5.4	7.2	W.	33	W.	1	9	13	9	3	3	3	3	0	0	1	0	1	7	0	0	28	4	0
Year	10.90	.88	50.3	5.1	7.1	E.	42	W.	17	113	166	87	84	59	41	35	1	13	4	3	7	28	51	21	141	16	65

RALEIGH, N. C.

Airport [H=363 ft.; H_b=358 ft.; H_t=27 ft.; H_r=25 ft.; H_a=69 ft.] City [H=345 ft.; H_b=376 ft.; H_t=103 ft.; H_r=94 ft.; H_a=146 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.58	1.00	5.7	4.9	9.0	NW.	29	NE.	0	14	5	12	9	7	9	3	0	4	3	3	2	4	0	0	26	0	0
February	2.52	.66	T	5.7	9.9	SW.	42	NW.	2	9	9	11	12	11	1	0	0	8	4	2	1	0	0	0	11	0	0
March	3.35	1.03	7.0	5.1	9.5	NW.	31	W.	0	11	11	9	10	8	1	1	0	5	4	2	2	0	0	0	8	0	1
April	3.16	1.40	0	4.8	10.0	SW.	27	SE.	0	10	12	8	7	7	0	0	0	2	1	0	0	0	0	0	1	0	3
May	3.51	.92	.0	4.0	8.6	SW.	28	N.	0	14	14	3	14	11	0	0	2	1	0	0	0	0	2	1	0	0	6
June	1.81	.68	.0	4.1	8.0	SW.	26	W.	0	15	10	5	10	6	0	0	0	0	0	0	0	0	13	4	0	0	9
July	2.51	1.21	.0	4.2	7.3	SW.	28	N.	0	16	10	5	7	7	0	0	1	5	4	1	1	0	14	8	0	0	6
August	7.19	4.43	.0	5.9	8.3	NE.	29	NE.	0	2	23	6	15	11	0	0	0	4	2	1	1	0	4	1	0	0	4
September	1.71	1.01	.0	3.4	8.6	NE.	32	NW.	1	19	8	3	4	4	0	0	0	5	3	2	0	0	2	0	0	0	2
October	.44	.30	.0	3.6	8.1	N.	27	NE.	0	17	9	5	4	3	0	0	0	9	8	3	2	0	0	0	0	0	0
November	4.02	1.00	.0	5.3	9.2	W.	25	SE.	0	11	7	12	9	7	0	0	0	4	0	0	0	0	0	0	4	0	0
December	1.66	.74	.0	6.0	8.3	NE.	24	SW.	0	11	3	17	10	8	0	0	0	12	6	7	7	0	0	0	9	0	0
Year	34.46	4.43	12.7	4.8	8.7	SW.	42	NW.	3	149	121	96	111	90	11	4	3	59	35	21	16	4	35	14	59	0	31

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 at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.19	0.06	2.2	4.9	7.4	W.	25	NW.	0	14	7	10	9	2	13	9	0	1	0	0	0	21	0	0	29	10	0
February	.23	.06	2.8	6.3	7.8	W.	29	N.	0	9	5	15	10	2	16	10	0	5	3	5	3	13	0	0	27	0	0
March	1.03	.22	6.0	7.5	7.6	N.	27	N.	0	5	7	19	16	9	13	9	0	5	5	2	2	11	0	0	22	0	0
April	3.06	1.04	8.6	6.9	9.8	N.	30	N.	0	5	9	16	16	13	8	5	0	5	3	1	1	1	0	0	11	0	2
May	.42	.23	.0	3.5	8.4	N.	33	NW.	1	20	5	6	4	2	0	0	0	0	0	0	0	0	2	0	0	0	3
June	1.91	1.09	.0	3.1	8.7	N.	29	NW.	0	18	9	3	7	6	0	0	0	0	0	0	0	0	3	2	0	0	7
July	.69	.46	.0	3.9	7.7	S.	33	W.	1	18	11	2	10	3	0	0	0	0	0	0	0	0	19	9	0	0	15
August	1.18	1.07	.0	3.0	7.1	SE.	26	N.	0	17	11	3	4	3	0	0	0	0	0	0	0	0	9	2	0	0	6
September	1.27	.56	.0	4.5	6.5	W.	20	N.	0	13	8	9	8	7	0	0	0	2	0	0	0	0	3	0	0	0	2
October	.74	.79	0	3.6	7.1	W.	29	N.	0	7	9	5	4	2	0	0	0	0	0	0	1	0	0	0	1	0	1
November	.21	.12	.4	4.9	7.7	N.	26	NW.	0	13	7	10	3	2	6	2	0	1	0	0	0	6	0	0	27	3	0
December	.34	.12	4.3	5.3	7.1	W.	29	NW.	0	10	10	11	5	4	7	5	0	1	1	0	0	8	0	0	26	3	0
Year	11.27	1.09	24.3	4.8	7.7	N.	33	NW.	2	159	98	109	96	55	63	40	0	20	12	8	7	60	36	13	143	16	36

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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	29.70	30.08	30.17	29.21	---	19.7	27.3	25.1	---	17.0	22.9	21.6	30.4	16.5	23.4	53	2	---	8	11	12	10	---	58	48	53	53
February	29.61	29.98	30.08	28.72	---	29.7	37.2	34.8	---	27.1	32.0	31.0	39.8	26.2	33.0	59	13	---	22	23	24	23	---	70	57	64	64
March	29.61	29.93	30.11	29.03	---	31.2	39.1	37.6	---	28.0	33.6	33.1	42.3	29.2	35.8	64	15	---	21	23	24	23	---	64	55	59	59
April	29.62	29.98	30.05	29.13	---	42.8	53.2	50.3	---	38.3	44.0	42.9	56.4	38.3	47.4	74	25	---	32	32	33	32	---	65	50	55	57
May	29.57	29.91	29.84	29.20	---	56.9	68.7	64.7	---	51.9	56.8	55.9	71.2	52.2	61.7	89	40	---	47	46	48	47	---	71	49	60	60
June	29.58	29.93	29.94	29.16	---	66.3	77.7	73.2	---	60.0	64.1	63.4	79.9	60.8	70.4	91	48	---	56	55	57	56	---	70	48	60	59
July	29.70	30.04	30.03	29.45	---	71.7	84.3	78.0	---	66.0	69.0	67.8	87.0	65.6	76.3	99	52	---	63	60	62	62	---	74	46	60	60
August	29.76	30.11	30.05	29.32	---	66.6	76.8	72.0	---	63.0	65.9	64.7	78.5	62.2	70.4	92	47	---	61	59	60	60	---	82	58	69	70
September	29.71	30.06	30.01	29.19	---	58.2	72.8	66.3	---	54.8	59.9	58.8	74.9	54.0	64.4	90	37	---	52	50	53	52	---	81	47	63	64
October	29.75	30.11	30.14	29.40	---	45.5	59.7	53.1	---	42.6	49.7	47.2	60.9	42.1	51.5	80	27	---	39	40	41	40	---	79	49	64	64
November	29.78	30.14	30.30	29.34	---	41.1	48.3	45.2	---	37.7	41.4	40.0	50.8	37.2	44.0	74	24	---	33	33	33	33	---	72	56	63	64
December	29.78	30.14	30.28	28.97	---	34.4	42.7	39.5	---	31.8	37.2	35.5	45.0	31.0	38.0	61	12	---	27	28	29	28	---	73	58	66	66
Year	29.68	30.04	30.30	28.72	---	47.0	57.3	53.3	---	43.2	48.0	46.8	59.8	42.9	51.4	99	2	---	38	38	40	39	---	72	52	61	62

REDDING, CALIF.

Airport [ϕ=40°35′ N.; λ=122°24′ 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	29.26	30.04	29.55	28.88	46.3	43.6	46.4	51.9	43.4	41.3	42.8	46.1	53.8	41.2	47.5	73	28	40	38	38	40	39	80	82	77	68	77
February	29.24	30.02	29.59	28.78	48.9	46.2	50.3	54.7	45.1	43.4	45.7	47.5	56.2	43.7	50.0	70	32	41	40	40	39	40	75	80	71	61	72
March	29.24	30.01	29.62	28.75	53.9	49.9	57.8	63.8	46.7	44.2	48.0	50.3	65.2	47.6	56.4	86	34	39	37	37	36	37	59	65	51	41	54
April	29.23	30.00	29.45	28.99	57.4	52.6	62.8	67.8	49.9	47.0	51.6	53.8	69.7	50.8	60.2	85	42	42	41	41	41	42	62	68	49	43	55
May	29.14	29.91	29.40	28.88	69.0	61.7	73.0	80.8	55.2	51.7	57.5	59.6	81.9	59.7	70.8	98	42	44	42	45	43	43	43	54	41	30	42
June	29.09	29.86	29.30	28.83	79.4	69.7	83.7	93.5	60.7	56.5	61.9	63.7	94.6	68.6	81.6	108	56	47	46	46	41	45	34	45	30	19	32
July	29.14	29.90	29.29	28.89	81.0	69.8	83.8	92.0	60.3	55.8	61.8	62.3	93.1	67.5	80.3	103	61	44	44	46	39	43	29	42	28	17	29
August	29.11	29.86	29.31	28.93	80.4	70.7	85.8	95.2	59.6	56.0	62.7	63.4	96.3	68.3	82.3	107	61	43	44	46	38	43	28	39	27	15	27
September	29.14	29.90	29.34	28.97	67.4	62.0	72.7	78.6	55.7	53.4	58.1	59.4	80.8	59.6	70.2	90	49	46	46	47	44	46	49	58	42	33	45
October	29.21	29.98	29.46	28.84	62.1	57.2	66.5	72.8	51.8	49.4	53.9	56.1	74.1	54.8	64.4	92	44	42	42	43	42	42	54	60	48	39	50
November	29.35	30.13	29.55	29.07	50.5	48.1	54.7	59.2	44.2	42.6	46.3	48.3	62.0	45.4	53.7	76	34	37	36	37	36	37	62	66	54	47	57
December	29.17	29.95	29.50	28.45	49.5	47.2	51.0	55.2	44.1	42.6	44.7	46.8	57.8	44.5	51.2	72	31	36	36	36	36	36	66	69	63	56	64
Year	29.19	29.96	29.62	28.45	62.2	56.6	65.7	72.1	51.4	48.7	52.9	54.8	73.8	54.3	64.0	108	28	42	41	42	40	41	53	61	48	39	50

RENO, NEV.

Airport [ϕ=39°30′ N.; λ=119° 47′ W.] City [ϕ=39°32′ 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
	(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	25.48	30.11	25.79	25.17	30.8	27.5	34.0	41.0	29.2	26.9	31.2	36.0	43.3	26.0	34.6	59	11	27	26	28	30	28	86	93	79	66	81
February	25.43	30.01	25.74	25.06	36.7	34.1	41.5	47.5	33.8	31.8	36.4	39.3	48.9	31.9	40.4	58	20	30	29	30	30	30	78	81	64	51	69
March	25.46	30.02	25.78	25.03	39.8	32.8	48.9	56.1	34.5	30.2	39.2	42.4	56.7	33.1	44.9	75	19	28	27	28	26	27	62	79	45	35	55
April	25.45	29.99	25.76	25.15	44.6	35.6	56.0	61.4	38.9	33.2	44.1	45.6	63.1	37.4	50.2	81	30	33	31	32	29	31	64	81	42	33	55
May	25.44	29.92	25.65	25.24	55.6	43.5	69.5	74.8	46.8	40.2	51.2	52.8	76.5	46.2	61.4	85	34	39	37	36	34	36	54	79	29	24	46
June	25.46	29.91	25.60	25.28	64.1	49.7	78.3	85.5	52.8	46.3	57.1	58.6	87.2	54.0	70.6	99	43	44	44	42	39	42	50	80	29	22	45
July	25.49	29.95	25.65	25.25	66.3	49.6	79.1	85.8	52.4	45.7	56.7	58.3	87.4	54.1	70.8	96	50	41	42	40	38	40	42	76	26	20	41
August	25.48	29.93	25.61	25.31	66.4	50.5	80.5	89.7	52.4	46.0	56.6	59.5	91.3	55.9	73.6	100	49	42	42	38	38	40	42	74	23	17	39
September	25.44	29.93	25.59	25.30	53.4	44.9	66.6	71.7	46.7	42.2	52.2	52.9	73.9	46.4	60.2	86	34	41	40	41	38	40	64	83	40	32	55
October	25.49	30.02	25.80	25.12	46.2	38.8	58.7	66.4	40.9	36.0	46.7	49.2	68.4	41.0	54.7	82	31	36	33	35	34	34	68	81	44	34	57
November	25.57	30.18	25.84	25.22	33.4	28.1	42.4	48.6	30.4	26.7	36.0	39.1	51.4	28.7	40.0	67	19	27	25	28	28	27	76	88	57	45	66
December	25.43	30.03	25.79	24.82	31.4	27.4	38.5	44.4	28.8	25.6	34.0	37.2	48.2	27.5	37.8	69	6	25	23	28	28	26	77	83	68	55	71
Year	25.47	30.00	25.84	24.82	47.4	38.5	57.8	64.4	40.6	35.9	45.1	47.6	66.4	40.2	53.3	100	6	34	33	34	33	33	64	82	46	36	57

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	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	29.94	30.10	30.38	29.36	19.9	18.0	32.8	25.5	18.4	16.7	28.2	23.2	36.1	18.5	27.3	60	2	14	13	18	18	16	76	78	54	71	70
February	29.81	29.97	30.27	28.91	34.6	32.3	44.6	39.4	32.2	30.6	38.2	35.7	49.7	30.1	39.9	67	11	28	28	29	30	29	76	82	56	70	71
March	29.82	29.98	30.29	29.33	37.6	36.1	52.1	46.3	34.3	33.9	42.6	40.0	55.1	34.2	44.6	78	20	29	30	30	31	30	71	79	45	57	63
April	29.81	29.97	30.25	29.27	46.7	47.0	61.6	55.2	44.1	44.0	51.0	48.6	64.9	42.3	53.6	82	28	41	40	40	42	41	82	78	48	63	68
May	29.75	29.90	30.06	29.39	58.4	59.9	73.6	66.8	55.5	56.1	60.9	60.0	76.4	55.5	66.0	94	43	53	53	52	55	53	84	79	51	69	71
June	29.80	29.95	30.10	29.40	68.2	70.1	83.3	76.2	65.4	66.2	70.1	69.4	84.9	65.9	75.4	93	54	64	64	63	66	64	87	82	52	72	73
July	29.91	30.07	30.19	29.68	67.8	71.4	84.5	77.0	66.1	68.1	72.0	71.4	86.5	66.7	76.6	99	55	65	66	66	69	67	92	85	56	76	77
August	29.91	30.06	30.16	29.54	68.6	70.2	79.8	73.6	67.2	68.4	71.5	70.2	81.9	66.9	74.4	91	58	67	68	67	68	68	94	91	68	85	84
September	29.91	30.06	30.18	29.44	59.2	60.0	76.5	64.9	57.8	57.9	63.9	61.6	78.2	57.6	67.9	92	41	57	56	56	60	57	92	88	50	83	78
October	29.95	30.11	30.31	29.63	49.4	48.1	65.9	53.9	47.9	46.6	55.2	51.2	68.1	47.4	57.8	82	30	46	45	46	49	47	90	90	52	84	79
November	30.01	30.16	30.48	29.56	43.3	41.1	57.3	47.3	40.8	39.2	47.9	43.1	58.9	40.1	49.5	75	28	38	37	37	38	37	81	84	51	72	72
December	29.98	30.14	30.42	29.21	39.4	36.2	51.0	43.0	37.5	35.0	44.7	40.2	53.3	35.6	44.4	65	16	35	33	37	36	35	84	89	61	78	78
Year	29.88	30.04	30.48	28.91	49.4	49.2	63.6	55.8	47.3	46.9	53.8	51.2	66.2	46.7	56.4	99	2	45	44	45	47	45	84	84	54	73	74

[1] Pressure 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, 1940*—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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.06	0.39	7.6	5.4	12.5	NW.	45	SE.	4	11	8	12	6	5	8	5	0	6	1	0	0	21	0	0	29	0	0
February	2.88	1.29	19.2	6.1	12.5	NW.	43	E.	8	9	6	14	12	8	11	5	0	8	0	0	0	2	0	0	18	0	0
March	4.17	1.43	3.5	6.5	14.5	NW.	45	S.	10	7	9	15	12	8	6	4	0	7	2	0	0	3	0	0	19	0	1
April	4.84	1.67	1.7	6.3	13.0	NW.	40	E.	8	9	8	13	8	7	4	1	0	2	1	0	0	0	0	0	3	0	1
May	2.70	.63	.0	6.3	11.4	SE.	42	E.	4	8	9	14	16	11	0	0	0	2	0	0	0	0	0	0	0	0	3
June	1.40	.39	.0	5.9	10.3	NW.	34	NW.	4	9	11	10	10	7	0	0	0	5	1	0	0	0	2	0	0	0	5
July	4.35	.95	.0	4.7	8.0	NW.	47	N.	5	14	11	6	13	13	0	0	0	1	0	0	0	0	12	8	0	0	10
August	5.40	1.59	.0	6.6	9.2	SE.	37	N.	1	7	11	13	12	11	0	0	0	4	1	0	0	0	1	0	0	0	3
September	3.66	3.04	.0	4.4	7.7	NW.	38	N.	2	15	7	8	5	4	0	0	0	7	1	1	1	0	0	0	0	0	5
October	2.01	.72	1.0	5.2	8.4	N.	34	NW.	1	11	7	13	10	8	1	1	0	6	0	0	0	0	0	0	4	0	0
November	4.86	1.26	2.0	7.2	12.8	NW.	36	NW.	8	3	11	16	12	11	6	3	0	1	0	0	0	0	0	0	9	0	0
December	3.40	1.81	2.3	6.8	10.6	NW.	41	NW.	3	5	9	17	11	7	4	1	0	10	1	0	0	1	0	0	18	0	1
Year	40.33	3.04	37.3	6.0	10.9	NW.	47	N.	58	108	107	151	127	100	40	20	0	59	8	1	1	27	15	8	100	0	29

REDDING, CALIF.

Airport [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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	16.16	3.36	0.0	8.0	6.7	NW.	27	SE.	0	5	3	23	15	14	0	0	1	18	11	8	5	0	0	0	2	0	2
February	14.57	4.59	.0	8.0	8.6	NW.	40	SE.	3	2	7	20	17	14	0	0	1	9	0	0	0	0	0	0	1	0	1
March	9.57	3.65	.0	6.0	8.4	NW.	31	S.	0	10	6	15	9	8	0	0	0	5	0	0	0	0	0	0	0	0	0
April	2.82	1.03	.0	6.9	7.4	NW.	24	NW.	0	6	6	18	12	8	0	0	1	2	0	0	0	0	0	0	0	0	2
May	1.12	.65	.0	5.8	8.4	NW.	24	S.	0	7	11	13	4	3	0	0	0	1	0	0	0	0	5	3	0	0	1
June	.31	.17	.0	2.8	8.2	NW.	21	N.	0	20	4	6	2	2	0	0	0	0	0	0	0	0	23	16	0	0	1
July	.00	.00	.0	2.4	7.8	NW.	24	NW.	0	21	9	1	0	0	0	0	0	0	0	0	0	0	24	11	0	0	0
August	.00	.00	.0	1.3	7.0	SE.	17	SE.	0	25	6	0	0	0	0	0	0	0	0	0	0	0	28	20	0	0	0
September	.53	.36	.0	4.9	7.8	NW.	34	W.	1	10	13	7	4	2	0	0	0	1	0	0	0	0	1	0	0	0	3
October	3.15	1.99	.0	6.4	6.8	NW.	28	SW.	0	10	3	18	7	5	0	0	0	2	0	0	0	0	1	0	0	0	0
November	1.65	.73	.0	7.0	7.0	NW.	20	N.	0	7	6	17	5	5	0	0	0	4	0	0	0	0	0	0	0	0	0
December	17.97	4.32	.0	6.2	9.7	NW.	37	S.	3	11	3	17	14	13	0	0	0	10	1	1	1	0	0	0	1	0	2
Year	67.85	4.59	.0	5.5	7.8	NW.	40	SE.	7	134	77	155	89	74	0	0	3	52	12	9	6	0	82	50	4	0	12

RENO, NEV.

Airport [H=4,396 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=4,527 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	3.72	1.03	5.8	6.4	4.6	SW.	28	W.	0	7	6	18	14	12	8	6	0	1	0	0	1	1	0	0	21	0	0
February	1.57	.64	.9	6.4	7.1	W.	35	W.	1	5	11	13	12	11	5	4	0	0	0	0	0	0	0	0	14	0	0
March	.82	.59	.7	5.0	7.2	W.	30	W.	0	10	12	9	6	4	5	3	0	0	0	0	0	0	0	0	15	0	0
April	.80	.51	T	5.0	7.2	W.	24	W.	0	8	15	7	4	4	2	1	0	0	0	0	0	0	0	0	3	0	0
May	.03	.03	.0	3.0	7.0	W.	25	SW.	0	20	11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
June	.79	.44	.0	2.2	6.5	W.	26	W.	0	23	5	2	4	4	0	0	1	0	0	0	0	0	15	8	0	0	3
July	.50	.44	.0	2.2	7.1	W.	23	SE	0	22	7	2	3	2	0	0	1	0	0	0	0	0	10	1	0	0	4
August	.00	.00	.0	1.8	6.1	W.	21	W.	0	25	4	2	0	0	0	0	0	0	0	0	0	0	21	2	0	0	1
September	.56	.27	.0	3.9	5.8	W.	30	NW.	0	15	7	8	5	3	0	0	0	0	0	0	1	0	0	0	0	0	4
October	.48	.16	.0	5.2	5.5	W.	25	W.	0	10	11	10	6	4	0	0	0	0	0	0	0	0	0	0	2	0	0
November	.77	.53	.5	5.1	5.5	W.	27	SW.	0	10	15	5	4	4	3	1	0	0	0	0	0	0	0	0	22	0	0
December	1.71	.51	2.3	5.0	5.2	W.	28	SE.	0	16	3	12	10	8	4	2	0	0	0	0	0	3	0	0	22	0	0
Year	11.75	1.03	10.2	4.3	6.2	W.	35	W.	1	171	107	88	69	56	27	17	2	1	0	0	2	4	46	16	99	0	13

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	3.09	2.07	22.4	4.5	7.7	NW.	30	NE.	0	13	6	12	8	5	7	5	0	3	2	1	1	10	0	0	28	0	0
February	2.81	1.04	.5	5.7	8.7	SW.	32	NW.	1	9	7	13	12	10	2	1	1	5	5	2	0	0	0	0	16	0	0
March	2.09	1.39	.3	5.5	8.9	NE.	30	N.	0	12	7	12	10	7	3	1	0	3	1	0	0	0	0	0	14	0	1
April	5.19	2.22	2.5	6.1	8.9	SW.	25	NE.	0	8	8	14	11	10	1	1	0	1	1	1	1	0	0	0	3	0	4
May	4.65	1.35	.0	5.9	8.0	SW.	25	SW.	0	8	11	12	13	11	0	0	1	0	0	0	0	0	2	0	0	0	7
June	3.78	1.31	.0	5.3	7.0	SW.	29	NW.	0	8	13	9	13	11	0	0	0	1	0	0	0	0	9	0	0	0	6
July	3.52	1.34	.0	4.9	6.0	SW.	20	NE.	0	10	12	9	11	11	0	0	0	5	0	0	1	0	14	6	0	0	9
August	11.08	4.77	.0	6.9	7.3	SE.	20	NW.	0	6	8	17	15	10	0	0	0	5	1	0	0	0	1	0	0	0	5
September	1.55	.55	.0	4.2	6.7	NE.	28	NE.	0	16	8	6	4	4	0	0	0	4	3	2	1	0	1	0	0	0	2
October	2.02	1.06	.0	3.8	7.1	NE.	24	NE.	0	18	4	9	6	5	0	0	0	2	1	0	0	0	0	0	1	0	1
November	4.58	1.73	.0	4.7	8.7	SW.	21	W.	0	13	8	9	8	7	0	0	0	3	0	0	0	0	0	0	4	0	0
December	1.56	.74	T	5.2	7.6	NE.	21	SW.	0	14	5	12	11	7	1	0	0	6	4	5	3	0	0	0	10	0	0
Year	45.92	4.77	25.7	5.2	7.7	SW.	32	NW.	1	135	97	134	122	98	14	8	2	38	18	11	7	10	27	6	76	0	35

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

ROCHESTER, N. Y.

Airport [ϕ=43°07′ N.; λ=77°40′ W.] City [ϕ=43°08′ N.; λ=77°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.	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)	° (3)	° (3)	° (3)	° (3)	° (3)	° (2)	° (2)	° (2)	° (2)	° (2)	% (2)	% (2)	% (2)	% (2)	% (2)
January	29.44	30.03	29.93	28.84	15.5	14.5	21.5	17.2	14.5	13.6	20.0	16.3	22.7	14.2	18.4	45	−1	12	11	16	14	13	84	86	78	85	83
February	29.43	30.02	29.94	28.72	20.7	19.4	28.3	24.4	19.7	18.5	25.7	23.0	30.5	19.0	24.8	40	6	17	16	21	20	19	85	86	72	81	81
March	29.38	29.96	29.91	28.94	23.8	22.2	30.8	26.7	22.5	21.1	27.8	25.0	32.8	22.0	27.4	55	10	20	18	22	21	20	82	84	69	78	78
April	29.40	29.98	29.90	28.94	36.1	37.2	47.7	42.3	33.7	34.3	40.2	37.5	50.0	34.9	42.4	79	22	30	30	30	31	30	79	76	54	66	69
May	29.35	29.92	29.66	28.95	51.0	52.4	63.7	58.0	48.3	49.3	54.0	52.3	66.2	49.4	57.8	86	38	45	46	46	47	46	83	80	55	69	72
June	29.33	29.89	29.65	28.78	59.1	62.3	72.3	68.4	57.0	59.0	64.7	62.5	74.7	57.3	66.0	90	45	55	57	60	59	58	88	82	67	73	78
July	29.49	30.05	29.83	29.20	63.8	66.2	79.2	73.9	61.1	62.7	67.9	65.7	80.7	63.3	72.0	94	50	60	61	62	61	61	87	83	57	65	73
August	29.54	30.10	29.81	29.02	62.2	62.9	77.1	70.2	59.2	59.4	64.1	62.7	78.0	62.0	70.0	90	46	57	57	56	58	57	84	82	50	66	71
September	29.50	30.06	29.87	28.86	54.8	53.9	67.7	60.0	53.7	52.4	59.0	56.2	68.9	54.3	61.6	85	42	53	51	53	53	52	94	91	60	79	81
October	29.52	30.09	29.86	29.10	43.0	41.6	54.9	47.8	41.1	39.8	47.1	44.2	57.9	36.7	47.3	78	20	39	38	39	40	39	87	86	57	76	76
November	29.50	30.08	29.98	28.96	38.0	36.7	41.9	38.7	35.7	34.5	37.4	36.1	45.1	32.7	38.9	69	16	32	31	32	32	32	82	80	69	80	78
December	29.50	30.09	30.07	28.70	29.9	29.9	34.9	30.2	28.5	28.8	32.2	28.7	38.4	23.1	30.8	60	−3	26	27	28	26	27	86	88	76	84	84
Year	29.45	30.02	30.07	28.70	41.5	41.6	51.7	46.5	39.6	39.4	45.0	42.5	53.8	39.1	46.4	94	−3	37	37	39	38	38	85	84	64	75	77

ROSEBURG, OREG.

[ϕ=43°13′ N.; λ=123°20′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	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	29.46	30.02	29.90	29.00	41.6	38.5	42.0	47.3	40.3	38.0	39.1	43.7	48.7	36.1	42.4	63	24	39	37	38	40	38	90	96	93	76	88
February	29.41	29.97	29.85	28.87	45.9	43.6	46.7	51.7	44.0	42.5	43.7	46.5	53.9	40.9	47.4	64	32	42	41	40	41	41	87	92	80	68	82
March	29.48	30.04	29.93	28.85	48.6	43.7	50.8	60.2	45.5	42.2	46.3	50.4	62.5	41.2	51.8	79	32	42	41	42	41	41	80	89	72	52	73
April	29.52	30.07	29.77	29.25	51.0	46.0	55.8	63.6	47.7	44.3	49.4	52.4	65.7	44.0	54.8	87	36	44	42	43	42	43	79	88	64	47	70
May	29.47	30.02	29.70	29.13	57.2	49.1	62.5	72.2	51.1	46.6	53.5	57.4	74.4	47.4	60.9	88	41	46	44	46	46	45	67	84	56	40	62
June	29.49	30.03	29.68	29.26	64.2	54.3	69.0	80.3	55.4	50.3	56.8	60.0	81.8	52.2	67.0	102	41	48	47	47	44	47	58	76	47	30	53
July	29.49	30.03	29.69	29.32	66.2	56.9	70.2	80.2	58.1	53.6	58.7	62.7	82.5	55.7	69.1	90	48	52	51	50	50	51	62	81	51	38	58
August	29.46	30.00	29.64	29.30	68.6	57.6	72.3	85.0	58.9	53.6	59.8	63.7	86.5	55.5	71.1	99	50	52	51	51	49	51	56	78	48	30	53
September	29.41	29.96	29.66	29.22	61.0	55.6	65.3	72.8	57.2	54.3	58.3	60.6	76.3	53.8	65.0	90	42	54	53	53	52	53	80	92	67	51	72
October	29.45	30.00	29.74	29.03	54.4	51.3	58.7	67.3	51.9	49.8	54.2	56.5	69.6	48.4	59.0	89	38	50	48	51	48	49	86	91	76	53	77
November	29.61	30.17	29.90	29.14	44.6	43.2	46.5	50.7	43.4	42.7	44.5	46.8	53.2	40.7	47.0	62	29	42	42	42	43	42	92	96	86	75	87
December	29.39	29.94	29.78	28.48	41.3	40.3	42.9	47.9	40.0	39.4	40.8	43.9	50.6	36.7	43.6	70	17	39	38	38	40	39	90	94	84	74	86
Year	29.47	30.02	29.93	28.48	53.7	48.3	56.7	64.9	49.5	46.4	50.4	53.7	67.2	46.0	56.6	102	17	46	45	45	45	45	77	88	69	53	72

ROSWELL, N. MEX.

[ϕ=33°24′ N.; λ=104°27′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	26.43	30.14	26.76	25.90	32.3	26.1	40.1	45.2	29.1	24.4	33.4	36.0	50.2	22.3	36.2	69	6	24	21	23	25	23	72	82	54	48	64
February	26.34	29.98	26.67	25.96	41.2	34.1	49.7	55.2	35.3	30.9	40.3	42.3	58.3	30.4	44.4	83	19	27	26	29	27	27	60	75	50	39	56
March	26.29	29.89	26.71	25.97	49.7	40.4	60.9	66.1	39.7	34.4	45.0	46.9	69.2	36.1	52.6	86	19	27	26	26	23	25	46	58	29	21	38
April	26.29	29.87	26.97	25.91	55.4	47.6	65.6	71.6	44.0	40.0	48.4	50.3	74.2	43.8	59.0	88	27	31	31	30	28	30	45	58	32	24	40
May	26.34	29.89	26.69	26.11	63.9	56.1	75.9	79.6	53.5	50.4	56.8	57.6	83.1	53.7	68.4	96	43	45	45	41	40	43	54	70	33	28	46
June	26.33	29.86	26.63	26.12	70.1	62.1	80.8	85.8	59.0	56.5	61.6	62.0	88.3	60.0	74.2	99	49	51	52	49	45	49	54	72	36	28	48
July	26.41	29.92	26.60	26.13	75.0	67.7	85.6	90.1	62.2	60.3	66.1	65.5	92.9	66.8	79.8	101	60	54	56	55	51	54	51	67	38	28	46
August	26.39	29.92	26.67	26.12	72.6	66.2	81.4	84.7	62.4	60.2	65.6	64.7	88.9	64.7	76.8	98	59	56	56	57	53	56	60	72	46	37	54
September	26.41	29.95	26.72	26.24	69.7	61.8	78.8	82.5	58.1	55.2	61.7	61.6	86.0	59.7	72.9	94	51	50	50	51	48	50	52	67	39	32	48
October	26.41	29.99	26.79	26.09	57.7	51.0	68.5	71.8	50.3	46.4	54.3	54.0	76.5	48.0	62.2	90	37	44	42	42	38	42	62	73	42	33	53
November	26.43	30.09	26.86	26.02	42.0	36.9	51.9	53.1	37.3	34.0	42.3	42.4	60.3	32.9	46.6	78	13	31	30	31	29	30	67	76	49	46	59
December	26.38	30.03	26.72	25.81	41.1	35.9	50.5	53.7	36.2	32.8	41.3	42.4	60.0	32.5	46.2	75	21	30	29	30	29	30	66	75	48	41	58
Year	26.37	29.96	26.97	25.81	55.9	48.8	65.7	70.0	47.3	43.8	51.4	52.1	74.0	45.9	59.9	101	6	39	39	39	36	38	57	70	41	34	51

SACRAMENTO, CALIF.

Airport [38°31′ N.; 121°30′ W.] City [ϕ=38° 35′N.; λ=121°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	29.98	30.06	30.26	29.66	47.7	45.7	48.7	53.1	46.3	44.8	46.5	49.3	53.8	43.7	48.8	66	31	45	44	44	46	45	91	93	86	77	87
February	29.98	30.05	30.31	29.62	51.3	47.7	53.1	59.0	48.8	46.2	49.3	52.2	59.8	46.4	53.1	67	37	46	45	45	46	46	84	90	76	64	78
March	29.95	30.02	30.35	29.60	53.7	48.8	57.5	64.8	50.5	47.2	51.7	54.8	65.6	47.8	56.7	77	37	48	45	46	46	46	80	89	68	54	72
April	29.93	30.00	30.13	29.60	55.7	50.1	62.8	69.2	52.4	48.2	55.2	57.9	70.4	50.0	60.2	85	45	50	46	49	49	49	81	88	62	52	71
May	29.85	29.92	30.11	29.56	59.1	52.8	69.2	78.7	54.6	50.6	59.6	63.5	80.3	53.4	66.8	93	46	51	49	53	54	52	75	86	57	44	66
June	29.77	29.84	29.98	29.56	65.2	58.1	77.3	89.6	57.7	53.8	62.9	65.6	91.7	58.3	75.0	104	53	52	50	53	50	51	64	76	45	27	53
July	29.84	29.91	30.01	29.64	66.0	58.7	76.4	89.3	57.7	54.5	62.5	64.8	90.6	59.2	74.9	103	55	52	51	54	48	51	61	77	46	26	52
August	29.81	29.88	30.01	29.67	65.5	58.5	74.9	89.3	57.9	54.6	62.4	66.3	90.6	57.8	74.2	104	52	52	52	54	52	53	64	79	49	29	55
September	29.83	29.90	30.02	29.69	63.2	57.8	72.4	80.6	56.8	54.1	60.4	61.9	81.5	57.4	69.4	89	51	52	51	52	48	51	68	79	50	34	57
October	29.91	29.98	30.15	29.59	59.5	52.7	67.4	75.8	53.6	49.0	56.6	59.3	76.7	52.7	64.7	90	43	49	45	48	47	47	69	77	53	38	59
November	30.05	30.12	30.26	29.80	47.8	43.5	53.4	60.5	45.0	41.7	47.7	51.2	61.7	43.1	52.4	72	34	42	39	42	42	41	80	86	66	53	71
December	29.89	29.96	30.24	29.25	47.5	43.9	50.2	57.4	44.7	42.1	46.2	50.3	58.9	42.3	50.6	70	23	41	40	41	43	41	80	86	73	62	75
Year	29.90	29.97	30.35	29.25	56.8	51.5	63.6	72.3	52.2	48.9	55.1	58.1	73.5	51.0	62.2	104	23	48	46	48	48	48	75	84	61	47	76

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

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

ROCHESTER, N. Y.

Airport [H=543 ft.; H_b=555 ft.; H_t=5 ft.; H_r=3 ft.; H_a=69 ft.] City [H=498 ft.; H_b=523 ft.; H_t=86 ft.; H_r=77 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In. (1)	In. (1)	In. (1)	(2)	Mi. (1)	(1)	Mi. (1)	(1)	(1)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	1.26	0.36	9.3	8.2	10.8	W.	29	SW.	0	2	7	22	20	8	27	20	0	0	0	0	0	27	0	0	30	1	0
February	3.08	1.10	23.0	7.8	8.6	W.	24	W.	0	5	3	21	16	11	24	16	0	0	0	0	0	17	0	0	28	0	0
March	2.92	.92	15.8	7.5	9.9	W.	29	W.	0	2	12	17	22	16	22	17	0	1	1	1	1	14	0	0	26	0	0
April	3.30	.76	3.7	6.8	9.1	W.	34	SW.	1	6	7	17	13	12	6	2	0	1	0	0	0	1	0	0	6	0	1
May	2.75	.77	.0	7.7	7.4	NW.	37	W.	1	4	6	21	17	13	0	0	0	1	0	0	0	0	0	0	0	0	3
June	2.52	1.42	.0	6.3	8.7	SW.	25	W.	0	4	15	11	13	9	0	0	0	1	0	0	0	0	1	0	0	0	6
July	1.82	.76	.0	5.7	7.2	SW.	22	W.	0	4	18	9	9	6	0	0	0	4	0	1	1	0	3	0	0	0	6
August	1.28	.51	.0	5.3	6.7	S.	20	W.	0	10	13	8	10	7	0	0	0	6	0	0	0	0	1	0	0	0	3
September	2.33	1.18	.0	5.3	7.1	SW.	18	W.	0	10	12	8	10	6	0	0	1	22	0	0	0	0	0	0	0	0	3
October	1.52	.52	T	6.1	7.3	SW.	26	W.	0	7	11	13	9	8	4	0	0	18	0	0	0	0	0	0	8	0	2
November	2.98	.66	13.5	8.3	11.0	W.	32	W.	1	4	5	21	19	12	15	11	0	13	1	1	0	2	0	0	14	0	0
December	2.84	.63	7.0	8.0	10.1	SW.	36	SW.	2	2	9	20	17	12	13	9	0	18	3	3	1	5	0	0	22	2	2
Year	28.60	1.42	72.3	6.9	8.7	W.	37	W.	5	60	118	188	175	120	111	75	1	85	5	6	3	66	5	0	134	3	24

ROSEBURG, OREG.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	3.26	0.85	0.0	8.4	3.5	NW.	17	SW.	0	3	5	23	16	12	0	0	0	22	19	20	12	0	0	0	8	0	0
February	9.71	1.98	.0	9.0	4.4	S.	21	S.	0	0	4	25	23	21	0	0	0	10	5	6	3	0	0	0	1	0	0
March	4.40	1.17	.0	7.5	4.1	NW.	30	SW.	0	3	10	18	18	16	0	0	0	12	4	5	1	0	0	0	0	0	0
April	1.64	.50	.0	8.1	4.2	NW.	20	SW.	0	2	9	19	15	11	0	0	1	5	1	4	0	0	0	0	0	0	0
May	1.44	.63	.0	5.6	5.1	N.	31	SW.	0	7	14	10	6	5	0	0	1	2	1	1	0	0	0	0	0	0	1
June	.30	.39	.0	3.4	5.6	N.	15	N.	0	18	5	7	1	1	0	0	0	0	0	0	0	0	5	2	0	0	0
July	.07	.06	.0	4.1	5.2	N.	16	N.	0	13	13	5	2	1	0	0	0	0	0	0	0	0	2	0	0	0	1
August	.00	.00	.0	1.6	5.4	N.	18	N.	0	26	5	0	0	0	0	0	0	0	0	0	0	0	8	4	0	0	0
September	2.83	1.45	.0	6.7	4.0	NW.	20	SW.	0	5	7	18	11	10	0	0	0	6	2	3	2	0	1	0	0	0	4
October	3.50	1.42	.0	7.4	3.3	NW.	17	N.	0	1	13	17	11	10	0	0	1	12	9	9	9	0	0	0	0	0	0
November	3.24	.72	.0	8.8	3.6	NW.	18	SW.	0	1	6	23	19	13	0	0	0	18	12	12	8	0	0	0	3	0	0
December	6.54	1.92	.0	8.3	3.8	S.	21	S.	0	1	8	22	14	10	0	0	0	21	10	14	13	0	0	0	8	0	0
Year	36.93	1.98	.0	6.6	4.4	N.	31	SW.	0	80	99	187	136	110	0	0	3	108	63	74	48	0	16	6	20	0	6

ROSWELL, N. MEX.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.11	0.04	0.5	4.4	7.1	S.	40	NW.	2	16	6	9	5	1	4	2	0	5	1	1	1	5	0	0	28	0	0
February	.77	.51	5.0	4.2	8.7	NW.	32	W.	1	13	10	6	4	2	3	2	0	1	0	0	0	0	0	0	19	0	0
March	T	T	.0	4.2	9.5	S.	37	NW.	2	14	11	6	0	0	0	0	0	1	1	1	1	0	0	0	11	0	0
April	1.23	.98	3.7	4.2	9.4	S.	43	SE.	4	15	10	5	2	2	1	1	0	0	0	0	0	0	0	0	4	0	3
May	2.71	1.44	.0	4.4	7.7	S.	38	N.	1	14	10	7	5	5	0	0	0	0	0	0	0	0	6	2	0	0	10
June	4.20	2.62	.0	4.9	7.6	S.	36	NE.	4	10	13	7	8	6	0	0	0	0	0	0	0	0	13	5	0	0	8
July	1.64	.69	.0	4.0	7.9	S.	38	NE.	1	16	11	4	6	4	0	0	1	0	0	0	0	0	23	9	0	0	9
August	.79	.30	.0	4.5	7.1	S.	33	NW.	1	14	11	6	8	5	0	0	0	1	0	0	0	0	17	5	0	0	9
September	.57	.27	.0	4.0	7.2	S.	25	NW.	0	14	11	5	5	4	0	0	0	0	0	0	0	0	8	0	0	0	6
October	.97	.71	.0	3.3	7.4	S.	27	SW.	0	17	10	4	3	2	0	0	0	7	5	3	2	0	1	0	0	0	2
November	1.02	.65	1.7	4.8	7.3	S.	35	NW.	1	14	6	10	5	5	2	2	2	4	1	1	1	0	0	0	13	0	2
December	.08	.06	.0	3.9	7.2	S.	40	NW.	1	17	4	10	3	1	0	0	0	4	2	1	0	0	0	0	16	0	0
Year	14.09	2.62	10.9	4.2	7.8	S.	43	SE.	18	174	113	79	54	37	10	7	3	23	10	7	5	5	68	21	91	0	49

SACRAMENTO, CALIF.

Airport [H=17 ft.; H_b=25 ft.; H_t=5 ft.; H_r=3 ft.; H_a=40 ft.] City [H=25 ft.; H_b=66 ft.; H_t=92 ft.; H_r=84 ft.; H_a=115 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind, By self-register: Average hourly velocity	Wind, By self-register: Prevailing direction	Wind, By self-register: Maximum velocity	Wind, By self-register: Direction at time of maximum velocity	Wind, By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 98° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	7.98	2.16	0.0	7.6	6.9	SE.	28	SE.	0	5	5	21	18	15	0	0	0	5	4	4	3	0	0	0	2	0	0
February	9.25	3.30	.0	7.2	8.5	SE.	34	SW.	1	6	4	19	14	12	0	0	0	1	1	1	1	0	0	0	0	0	2
March	4.22	2.16	.0	4.9	7.5	SE.	24	N.	0	12	8	11	7	6	0	0	0	2	0	0	0	0	0	0	0	0	0
April	.68	.63	.0	6.1	7.4	S.	26	NW.	0	7	12	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0
May	.92	.74	.0	3.9	7.5	S.	20	SW.	0	15	11	5	2	2	0	0	0	0	0	0	0	0	5	0	0	0	0
June	T	T	.0	1.2	7.6	S.	20	SW.	0	24	5	1	0	0	0	0	0	0	0	0	0	0	20	9	0	0	0
July	.00	.00	.0	1.0	8.2	S.	18	SW.	0	28	3	0	0	0	0	0	0	0	0	0	0	0	16	9	0	0	0
August	.00	.00	.0	.8	7.5	S.	18	SW.	0	29	1	1	0	0	0	0	0	0	0	0	0	0	17	11	0	0	0
September	.01	.01	.0	2.1	6.9	SW.	18	S.	0	23	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	.93	.67	.0	4.3	5.7	S.	18	SE.	0	17	3	11	3	2	0	0	0	1	1	1	1	0	1	0	0	0	0
November	1.32	.97	.0	5.6	6.1	N.	24	NW.	0	11	4	15	4	4	0	0	0	2	1	1	0	0	0	0	0	0	0
December	9.40	2.43	.0	5.5	8.3	N.	34	SE.	1	14	3	14	14	13	0	0	0	2	2	2	2	0	0	0	3	0	2
Year	34.71	3.30	.0	4.2	7.4	S.	34	SW.	2	191	62	113	67	56	0	0	0	13	9	9	7	0	59	29	5	0	4

[1] Airport data beginning with Nov. 12.
[2] Airport data.
[3] Airport data beginning with October.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

ST. JOSEPH, MO.

Airport [ϕ=39°49′ N.; λ=94°55′ 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.	Maximum	Minimum	Monthly	Moisture: Extremes: Maximum	Moisture: 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	29.18	30.29	29.60	28.47	5.2	3.7	15.8	12.6	4.8	3.3	14.3	11.9	19.7	3.3	11.5	38	−15	2	1	10	9	6	87	88	77	86	84
February	28.99	30.06	29.60	28.43	26.3	24.7	32.4	31.2	25.3	23.9	30.4	29.7	36.3	22.8	29.6	58	4	24	22	28	27	25	88	90	81	85	86
March	28.93	29.99	29.42	28.26	35.1	33.2	44.6	44.9	34.0	31.6	38.8	39.5	49.1	32.4	40.8	85	18	31	29	32	34	31	81	85	64	67	74
April	28.91	29.95	29.54	28.39	47.4	43.4	57.8	57.3	43.7	40.4	49.0	48.4	62.8	42.5	52.6	89	21	40	37	40	39	39	76	80	55	56	67
May	28.92	29.94	29.24	28.61	54.9	53.2	69.2	69.2	51.3	50.6	57.7	58.0	73.8	51.9	62.8	89	38	48	48	49	50	49	80	84	51	52	67
June	28.89	29.90	29.25	28.55	66.7	65.6	79.5	79.0	64.1	62.6	68.6	69.2	83.5	64.1	73.8	95	55	63	61	63	64	63	87	86	59	63	74
July	28.98	27.99	29.27	28.64	72.2	70.2	86.8	86.3	67.3	67.0	73.3	72.4	91.5	69.4	80.4	103	56	65	65	67	66	66	78	85	53	51	67
August	28.97	29.98	29.28	28.67	68.5	66.0	80.9	77.8	66.1	64.7	70.9	69.7	84.2	65.8	75.0	99	51	65	64	66	66	65	89	94	62	68	78
September	29.06	30.08	29.38	28.76	60.1	56.8	77.1	71.2	57.9	55.4	63.6	63.7	80.5	58.7	69.6	93	37	56	54	58	59	57	88	92	54	66	75
October	28.98	30.01	29.38	28.63	53.8	49.7	72.0	65.0	50.3	47.9	59.1	56.5	76.5	52.3	64.4	88	39	48	46	50	50	48	81	90	48	60	70
November	29.09	30.15	29.64	28.32	34.9	32.6	43.3	39.5	33.4	31.1	38.2	36.2	47.8	30.5	39.2	73	5	31	29	32	32	31	87	88	66	76	79
December	29.05	30.12	29.56	28.50	30.2	28.2	38.4	34.4	29.3	27.6	35.0	32.3	41.8	28.0	34.9	62	8	28	27	30	29	29	90	94	74	81	85
Year	29.00	30.04	29.64	28.26	46.3	43.9	58.2	55.7	44.0	42.2	49.9	49.0	62.3	43.5	52.9	103	−15	42	40	44	44	42	84	88	62	68	76

ST. LOUIS, MO.

Airport [ϕ=38°45′ N.; λ=90°23′ W.] City [ϕ=38°38′ N.; λ=90°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)																							
January	29.58	30.22	29.96	28.56	----	13.2	19.4	20.6	----	12.3	17.3	18.4	24.6	9.8	17.2	43	−12	----	9	11	12	11	----	81	67	68	72
February	29.42	30.04	30.02	29.00	----	30.8	35.5	36.2	----	29.0	32.0	32.9	39.9	28.0	34.0	62	9	----	26	27	28	27	----	81	70	72	74
March	29.37	30.00	29.93	28.92	----	37.9	45.9	47.2	----	33.9	38.4	39.9	51.7	35.5	43.6	87	18	----	28	28	31	29	----	69	52	54	58
April	29.33	29.94	29.86	28.84	----	48.5	58.9	58.8	----	43.9	49.0	49.1	63.9	45.2	54.6	88	25	----	39	39	40	39	----	70	51	52	58
May	29.32	29.92	29.67	28.96	----	57.3	68.6	68.8	----	51.2	56.1	56.6	73.4	54.5	64.0	91	38	----	46	47	47	47	----	67	47	49	54
June	29.34	29.93	29.64	29.01	----	69.6	81.4	82.0	----	63.3	66.7	67.5	85.3	67.2	76.2	94	58	----	59	58	60	59	----	71	47	48	55
July	29.45	30.04	29.73	29.20	----	72.2	85.1	86.4	----	65.3	68.7	69.3	89.9	70.4	80.2	102	56	----	61	60	60	60	----	70	44	43	52
August	29.40	30.00	29.61	29.18	----	71.4	82.9	81.0	----	67.0	69.5	69.4	87.1	69.7	78.4	99	58	----	64	63	63	63	----	80	52	57	63
September	29.49	30.09	29.80	29.05	----	62.8	78.6	76.9	----	56.2	61.9	61.1	82.2	61.4	71.8	95	44	----	51	50	50	50	----	67	38	40	48
October	29.45	30.06	29.72	29.19	----	57.1	72.1	69.5	----	51.3	57.7	56.1	76.0	55.3	65.6	90	43	----	46	46	45	46	----	68	41	44	51
November	29.54	30.16	29.98	28.68	----	39.6	46.4	46.1	----	36.4	39.7	39.3	52.3	36.0	44.2	77	13	----	32	31	30	31	----	74	56	56	62
December	29.49	30.12	29.98	28.99	----	35.4	42.4	42.3	----	33.3	37.8	38.2	46.4	33.4	39.9	69	11	----	30	32	33	32	----	81	68	71	73
Year	29.43	30.04	30.02	28.56	----	49.6	59.8	59.6	----	45.3	49.6	49.8	64.4	47.2	55.8	102	−12	----	41	41	42	41	----	73	53	54	60

SALT LAKE CITY, UTAH

Airport [ϕ=40°46′ N.; λ=111°57′ W.] City [ϕ=40°46′ N.; λ=111°54′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
	(1 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	25.67	30.16	26.01	25.28	29.1	27.8	32.3	33.5	28.0	26.7	30.0	31.1	38.0	26.0	32.0	51	11	26	25	26	28	26	89	88	79	81	84
February	25.59	30.03	25.88	25.18	35.3	33.7	40.0	41.6	33.2	31.5	35.3	36.5	46.2	32.6	39.4	64	21	31	29	30	31	30	83	83	67	66	75
March	25.58	29.98	26.01	25.15	40.4	37.6	49.6	53.5	35.9	33.7	39.8	41.7	56.8	36.5	46.6	75	22	31	29	29	29	29	70	72	47	42	58
April	25.55	29.92	26.01	25.08	47.0	43.2	56.8	59.1	41.6	39.0	45.2	45.9	63.0	41.9	52.4	79	34	36	34	34	33	34	67	74	43	41	56
May	25.58	29.88	25.88	25.29	58.1	51.4	72.5	75.9	47.2	43.6	52.1	53.3	78.6	53.3	66.0	88	43	38	36	34	34	35	48	58	26	23	39
June	25.58	29.85	25.79	25.28	65.9	58.0	80.4	85.5	52.1	48.4	57.1	57.5	88.0	60.1	74.0	103	45	41	40	40	36	40	43	54	27	20	36
July	25.60	29.84	25.82	25.29	72.4	67.4	87.6	91.9	55.3	53.5	60.0	60.7	94.2	67.9	81.0	102	60	42	43	40	39	41	36	43	21	17	29
August	25.61	29.86	25.79	25.40	71.3	64.6	85.9	91.3	54.9	52.4	60.0	60.6	94.1	66.0	80.0	102	56	43	43	43	39	42	37	47	23	18	31
September	25.62	29.93	25.84	25.32	61.3	57.3	70.6	72.8	53.4	51.3	57.0	57.2	77.8	55.8	66.8	93	41	48	47	48	47	48	65	71	48	43	57
October	25.65	30.02	25.99	25.21	48.8	47.1	62.0	63.2	43.8	42.1	49.0	49.9	68.6	46.1	57.4	82	37	39	37	38	39	38	70	70	43	43	57
November	25.71	30.19	26.09	25.31	32.7	31.0	38.9	38.2	30.2	28.9	34.1	34.3	45.9	29.4	37.6	65	13	27	26	28	30	28	80	83	67	73	76
December	25.65	30.14	26.01	25.06	30.1	28.2	35.3	34.4	28.7	26.8	32.2	32.1	42.4	27.0	34.7	56	9	27	25	28	29	27	88	87	75	81	83
Year	25.62	29.98	26.09	25.06	49.4	45.6	59.3	61.7	42.0	39.8	46.0	46.7	66.1	45.2	55.7	103	9	36	34	35	34	35	65	69	47	46	57

SAN ANTONIO, TEX.

Airport [ϕ=29°27′ N.; λ=98°28′ W.] City [ϕ=29°27′ N.; λ=98°28′ 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	29.47	30.22	29.91	28.83	39.7	35.9	46.9	49.3	36.3	33.9	40.7	42.2	53.5	34.2	43.8	77	15	31	30	32	34	32	71	81	59	56	67
February	29.27	30.01	29.74	28.88	50.7	46.6	60.0	62.5	47.5	44.8	51.5	52.6	67.1	44.9	56.0	94	33	44	43	44	44	44	80	87	59	55	70
March	29.23	29.96	29.80	28.94	59.2	53.7	67.5	71.4	54.0	51.2	57.3	58.2	75.2	52.9	64.0	90	37	49	48	49	48	49	72	84	55	47	64
April	29.18	29.90	29.89	28.79	63.6	59.8	73.0	76.7	59.5	57.6	62.5	63.8	80.1	57.5	68.8	96	35	56	56	55	55	56	78	87	57	51	69
May	29.20	29.92	29.43	28.99	69.9	66.4	81.0	84.1	65.0	63.9	68.5	69.2	86.5	64.6	75.6	94	56	62	62	62	61	62	78	88	55	48	67
June	29.18	29.90	29.36	28.98	74.5	71.2	85.0	85.8	70.4	69.4	72.6	72.7	89.2	70.0	79.6	95	60	68	68	67	67	68	82	92	56	56	72
July	29.28	29.99	29.44	29.11	77.5	74.3	88.4	89.9	73.2	72.8	75.4	75.3	93.8	73.6	83.7	99	66	72	72	70	69	71	82	93	56	53	71
August	29.20	29.91	29.46	29.00	78.9	74.5	90.1	92.8	72.7	71.7	74.8	74.2	96.4	73.8	85.1	102	64	70	70	68	66	69	75	88	49	42	63
September	29.26	29.98	29.53	29.04	73.0	67.6	84.6	86.3	67.1	64.5	69.7	69.5	90.3	67.6	79.0	101	53	64	62	62	61	62	74	85	48	44	63
October	29.32	30.04	29.64	29.02	65.5	61.6	78.4	77.2	62.3	59.9	66.1	65.7	83.1	61.5	72.3	93	46	60	59	58	59	59	84	90	53	55	71
November	29.38	30.12	29.92	28.93	56.1	52.7	64.6	62.9	53.6	50.9	56.9	56.8	68.0	50.9	59.4	80	29	51	49	50	52	51	84	88	62	69	76
December	29.31	30.04	29.74	28.62	53.2	50.6	61.1	60.2	50.8	48.8	54.3	54.5	65.0	48.5	56.8	78	34	49	47	48	50	48	85	88	66	70	77
Year	29.27	30.00	29.92	28.62	63.5	59.6	73.4	74.9	59.4	57.4	62.5	62.9	79.0	58.3	68.7	102	15	56	56	55	56	56	79	88	56	54	69

[1] Pressure 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, 1940*—Continued

ST. JOSEPH, MO.

Airport [H=809 ft.; H_b=817 ft.; H_t=4 ft.; H_r=3 ft.; H_a=51 ft.] City [H=957 ft.; H_b=967 ft.; H_t=11 ft.; H_r=3 ft.; H_a=49 ft.]

Month	Precipitation			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	1.63	1.05	20.1	4.9	8.4	NW.	26	NW.	0	13	7	11	7	6	12	6	0	0	0	0	0	27	0	0	31	13	0
February	1.52	.52	9.0	7.0	8.9	NW.	24	N.	0	5	8	16	9	6	11	6	0	2	1	0	0	11	0	0	26	0	0
March	2.24	1.55	1.1	7.4	10.3	NW.	35	W.	2	5	7	19	12	7	9	3	2	0	0	0	0	4	0	0	18	0	4
April	2.37	.51	.1	6.4	10.8	E.	32	W.	1	8	7	15	12	10	1	1	0	2	0	1	1	0	0	0	3	0	3
May	3.52	1.33	T	4.1	8.3	NW.	30	W.	0	15	9	7	6	5	1	0	1	0	0	0	0	0	0	0	0	0	6
June	4.72	1.39	.0	4.9	8.0	S.	26	NW.	0	12	11	7	9	6	0	0	1	1	0	0	0	0	5	0	0	0	7
July	2.67	1.25	.0	2.9	8.1	S.	26	E.	0	15	13	3	5	5	0	0	0	0	0	0	0	0	18	11	0	0	6
August	7.13	2.30	.0	4.9	7.0	E.	30	NW.	0	10	12	9	13	13	0	0	0	1	1	0	1	0	4	3	0	0	13
September	.78	.52	.0	3.5	7.0	S.	20	N.	0	16	10	4	8	5	0	0	0	0	0	0	0	0	5	0	0	0	2
October	1.06	.47	.0	3.7	7.7	S.	28	NW.	0	18	5	8	8	5	0	0	0	1	1	0	1	0	0	0	0	0	8
November	2.53	.68	3.2	5.9	9.5	NW.	38	NW.	1	9	8	13	11	11	3	2	0	0	0	0	0	5	0	0	16	0	1
December	1.55	1.07	3.9	6.7	8.4	W.	27	NW.	0	8	6	17	6	5	7	5	0	0	0	0	0	6	0	0	18	0	0
Year	31.72	2.30	37.4	5.2	8.5	S.	38	NW.	4	134	103	129	106	84	44	23	4	8	3	1	3	53	32	14	112	13	50

ST. LOUIS, MO.

Airport [H=556 ft.; H_b=564 ft.; H_t=6 ft.; H_r=3 ft.; H_a=59 ft.] City [H=465 ft.; H_b=568 ft.; H_t=179 ft.; H_r=172 ft.; H_a=303 ft.]

January	1.33	0.52	10.6	5.9	11.6	NW.	32	W.	1	11	6	14	12	8	14	8	0	3	2	1	0	22	0	0	30	7	0
February	1.39	.65	.8	7.8	11.7	NW.	29	SE.	0	4	7	18	12	7	14	8	0	11	5	2	1	2	0	0	24	0	0
March	1.50	.48	1.4	6.9	12.1	NW.	27	SW.	0	5	7	19	10	8	5	3	1	6	1	0	0	2	0	0	13	0	5
April	3.86	1.04	T	6.6	13.1	NW.	34	SW.	1	7	7	16	14	11	2	1	2	9	2	0	0	0	0	0	2	0	4
May	1.46	.45	.0	5.1	11.7	NW.	31	SW.	0	10	12	9	9	6	0	0	1	2	0	0	0	0	1	0	0	0	4
June	2.66	1.12	.0	5.0	11.2	SW.	40	S.	1	12	9	9	6	6	0	0	0	3	0	0	0	0	5	0	0	0	4
July	.78	.77	.0	3.4	10.0	SW.	30	N.	0	18	9	4	2	1	0	0	0	0	0	0	0	0	14	9	0	0	2
August	4.11	1.33	.0	5.2	8.7	SW.	35	S.	2	7	18	6	11	8	0	0	0	7	0	0	0	0	13	4	0	0	9
September	.03	.03	.0	3.0	8.2	NE.	24	NW.	0	20	6	4	1	0	0	0	0	0	0	0	0	0	8	2	0	0	1
October	1.44	.89	.0	2.9	10.9	SW.	30	SW.	0	21	4	6	5	3	0	0	0	2	0	0	0	0	0	0	0	0	0
November	3.23	1.17	T	5.4	12.5	W.	38	SW.	2	8	12	10	9	7	2	0	0	7	3	0	0	3	0	0	11	0	2
December	3.21	1.19	T	6.7	11.4	NW.	35	SW.	2	8	7	16	12	9	1	0	0	13	5	3	0	1	0	0	9	0	0
Year	25.00	1.33	12.8	5.3	11.1	SW.	40	S.	9	131	104	131	103	74	38	20	4	63	18	6	1	30	41	15	89	7	31

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=4,360 ft.; H_b=4,357 ft.; H_t=86 ft.; H_r=84 ft.; H_a=210 ft.]

January	3.90	1.34	16.1	7.7	5.3	NW.	31	NE.	0	5	4	22	15	13	13	8	0	6	4	2	2	6	0	0	23	0	0
February	2.32	.52	12.0	8.0	7.1	S.	34	NW.	1	2	5	22	15	13	11	9	0	3	1	1	0	0	0	0	15	0	1
March	1.52	1.17	4.1	5.5	7.4	NW.	37	NW.	2	12	8	11	9	4	4	3	0	2	1	0	0	0	0	0	10	0	2
April	2.47	.90	.1	5.7	7.5	NW.	33	SE.	1	8	12	10	15	11	2	0	0	0	0	0	0	0	0	0	0	0	4
May	.01	.01	.0	3.8	8.5	NW.	37	NW.	2	16	11	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
June	.26	1.9	.0	2.9	7.6	N.	38	NW.	1	16	11	3	4	2	0	0	0	0	0	0	0	0	16	9	0	0	2
July	.09	.01	.0	2.9	8.0	S.	26	SE.	0	19	10	2	2	1	0	0	0	0	0	0	0	0	24	17	0	0	1
August	.02	.02	.0	2.8	7.3	S.	31	E.	0	21	8	2	1	0	0	0	0	0	0	0	0	0	25	18	0	0	6
September	1.72	.62	.0	5.7	7.6	SE.	32	S.	1	7	13	10	12	8	0	0	0	0	0	0	0	0	2	0	0	0	9
October	2.11	.71	.0	4.0	6.6	S.	25	SE.	0	16	7	8	8	6	0	0	1	0	0	0	0	0	0	0	0	0	4
November	2.70	1.20	18.2	6.0	5.6	NW.	29	NW.	0	8	9	13	9	7	12	9	0	2	1	0	0	1	0	0	19	0	1
December	1.46	.58	8.6	6.1	5.4	NW.	29	NW.	0	7	11	13	11	6	10	6	0	4	8	10	7	7	0	0	20	0	0
Year	18.58	1.34	59.1	5.1	7.0	NW.	38	NW.	8	137	109	120	102	71	52	35	1	17	15	13	9	14	67	44	87	0	32

SAN ANTONIO, TEX.

Airport [H=567 ft.; H_b=582 ft.; H_t=28 ft.; H_r=27 ft.; H_a=59 ft.] City [H=659 ft.; H_b=693 ft.; H_t=111 ft.; H_r=103 ft.; H_a=301 ft.]

January	0.64	0.35	3.2	5.9	10.4	N.	38	N.	2	10	8	13	5	2	4	2	0	10	5	3	2	1	0	0	13	0	0
February	1.86	.54	T	5.7	12.9	N.	41	W.	1	9	6	14	10	8	1	0	0	11	4	3	1	0	2	0	0	0	2
March	.94	.38	.0	5.8	11.5	S.	35	N.	1	8	9	14	10	6	0	0	2	9	2	2	1	0	1	0	0	0	4
April	2.50	2.14	.0	5.6	12.7	E.	36	SE.	5	8	10	12	8	5	0	0	1	12	2	0	0	0	4	1	0	0	4
May	4.19	1.58	.0	5.6	12.0	SE.	56	W.	4	7	13	11	8	6	0	0	1	3	0	0	0	0	11	0	0	0	9
June	7.47	3.24	.0	5.8	10.2	SE.	38	W.	4	4	20	6	12	9	0	0	2	5	0	0	0	0	16	0	0	0	9
July	.64	.24	.0	5.0	10.6	SE.	35	W.	2	7	20	4	6	6	0	0	0	1	0	0	0	0	24	15	0	0	5
August	1.22	.92	.0	4.6	10.5	SE.	47	NE.	1	10	19	2	5	3	0	0	0	2	0	0	0	0	25	22	0	0	2
September	1.42	.71	.0	3.5	9.8	E.	40	N.	2	16	11	3	5	4	0	0	0	1	0	0	0	0	18	7	0	0	1
October	4.66	2.03	.0	5.2	10.8	E.	35	W.	1	8	16	7	10	5	0	0	0	9	1	0	0	0	6	0	0	0	4
November	2.40	.84	.0	6.7	11.9	E.	32	E.	1	8	5	17	10	8	0	0	0	12	4	2	0	0	0	0	2	0	4
December	2.85	1.46	.0	6.2	11.8	NE.	40	N.	2	11	3	17	10	7	0	0	0	14	3	2	1	0	0	0	0	0	4
Year	30.77	3.24	3.2	5.5	11.3	E.	56	W.	26	106	140	120	99	69	5	2	6	89	21	12	5	1	107	45	15	0	48

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

SAN DIEGO, CALIF.

Airport [ϕ=32°44′ N.; λ=117°10′ W.] City [ϕ=32°43′ 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. (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	29.96	30.06	30.18	29.76	55.7	53.2	60.8	62.3	53.6	50.8	54.5	57.2	65.1	52.2	58.6	73	45	52	48	49	53	51	88	85	67	74	78
February	29.97	30.07	30.18	29.76	55.5	52.5	61.9	62.9	52.0	49.6	54.4	55.7	66.0	49.8	57.9	76	42	48	46	47	50	48	80	82	62	64	72
March	29.90	29.99	30.15	29.59	57.2	54.0	65.0	65.0	53.4	50.6	56.0	55.9	68.9	51.7	60.3	81	43	50	47	48	48	48	78	79	58	58	68
April	29.89	29.98	30.06	29.64	59.4	56.8	66.2	66.1	55.3	53.7	57.8	57.7	70.5	54.7	62.6	95	50	52	51	52	51	52	79	83	62	62	71
May	29.84	29.94	29.98	29.70	61.9	60.3	67.4	68.1	58.5	57.3	60.3	60.6	70.9	58.6	64.8	80	54	56	55	56	56	56	82	84	66	65	74
June	29.82	29.92	29.94	29.69	62.6	61.0	66.8	68.0	59.4	58.4	60.7	61.3	70.5	59.9	65.2	75	57	57	57	57	57	57	83	86	71	68	77
July	29.86	29.95	29.99	29.73	64.8	62.8	71.2	72.1	61.8	60.4	63.7	64.0	75.4	61.5	68.4	86	58	60	59	59	59	59	85	87	66	64	76
August	29.83	29.92	29.95	29.70	65.6	64.5	71.5	72.7	62.7	61.8	64.5	64.8	75.1	63.1	69.1	80	59	61	60	60	60	60	85	86	69	66	76
September	29.81	29.90	29.92	29.67	65.4	63.2	71.9	72.5	62.6	61.2	64.5	64.8	75.8	61.6	68.7	93	57	61	60	60	60	60	86	90	67	66	77
October	29.86	29.95	30.02	29.62	62.9	60.0	71.1	70.6	59.9	57.2	62.0	62.3	74.6	58.3	66.4	91	49	58	55	56	57	57	85	85	62	64	74
November	29.93	30.02	30.14	29.80	56.8	53.0	66.3	66.3	51.5	47.2	54.1	56.4	71.6	50.6	61.1	89	41	46	40	42	48	44	70	65	46	55	59
December	29.87	29.97	30.18	29.42	57.0	54.2	63.6	64.5	53.2	49.9	54.8	56.8	69.9	51.6	60.8	84	44	50	46	47	50	48	79	74	58	65	69
Year	29.88	29.97	30.18	29.42	60.4	58.0	67.0	67.6	57.0	54.8	58.0	59.8	71.2	56.1	63.7	95	41	54	52	53	54	53	82	82	63	64	73

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	29.37	30.08	29.83	28.48	----	15.0	22.4	----	----	14.2	20.1	----	24.6	11.3	18.0	49	−11	----	12	14	----	----	----	85	69	----	----
February	29.33	30.03	29.82	28.74	----	24.9	31.5	----	----	24.0	28.8	----	33.6	22.9	28.2	45	11	----	22	24	----	----	----	88	72	----	----
March	29.28	29.98	29.77	28.87	----	28.4	34.6	----	----	27.1	31.0	----	37.5	25.2	31.4	71	10	----	25	25	----	----	----	85	68	----	----
April	29.31	30.00	29.77	28.84	----	40.4	48.3	----	----	37.0	41.6	----	53.0	36.3	44.6	77	23	----	32	34	----	----	----	75	60	----	----
May	29.21	29.89	29.54	28.73	----	54.6	61.9	----	----	50.1	53.2	----	65.9	48.4	57.2	88	35	----	46	46	----	----	----	75	60	----	----
June	29.24	29.91	29.59	28.75	----	68.3	75.8	----	----	63.4	66.2	----	79.8	60.8	70.3	94	51	----	61	61	----	----	----	77	62	----	----
July	29.41	30.08	29.69	29.08	----	72.2	82.3	----	----	66.5	69.2	----	85.3	65.6	75.4	100	52	----	63	63	----	----	----	74	52	----	----
August	29.38	30.06	29.64	29.00	----	68.7	78.9	----	----	63.7	68.0	----	81.0	64.7	72.8	93	53	----	61	62	----	----	----	77	59	----	----
September	----	----	29.72	28.92	----	----	----	----	----	----	----	----	73.7	53.9	63.8	92	39	----	----	----	----	----	----	----	----	----	----
October	----	----	29.64	29.03	----	----	----	----	----	----	----	----	63.3	45.9	54.6	85	34	----	----	----	----	----	----	----	----	----	----
November	----	----	29.78	28.73	----	----	----	----	----	----	----	----	47.2	32.8	40.0	67	20	----	----	----	----	----	----	----	----	----	----
December	----	----	29.93	28.64	----	----	----	----	----	----	----	----	40.8	28.8	34.8	60	10	----	----	----	----	----	----	----	----	----	----
Year	----	----	29.93	28.48	----	----	----	----	----	----	----	----	57.1	41.4	49.3	100	−11	----	----	----	----	----	----	----	----	----	----

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	29.86	30.03	30.10	29.50	----	50.5	----	55.0	----	48.4	----	50.7	57.0	48.3	52.6	67	38	----	46	----	46	46	----	86	----	75	80
February	29.88	30.05	30.17	29.54	----	52.7	----	58.2	----	50.0	----	52.4	59.9	51.0	55.4	66	46	----	47	----	47	47	----	83	----	69	76
March	29.86	30.03	30.22	29.54	----	53.4	----	60.0	----	50.9	----	53.7	63.0	51.8	57.4	72	47	----	49	----	48	48	----	85	----	67	76
April	29.86	30.03	30.04	29.54	----	53.1	----	60.8	----	50.5	----	54.2	63.8	51.7	57.8	80	49	----	48	----	49	49	----	84	----	66	75
May	29.80	29.97	30.02	29.58	----	53.1	----	60.0	----	51.1	----	54.5	64.0	52.1	58.0	76	50	----	49	----	50	50	----	88	----	70	79
June	29.75	29.92	29.91	29.60	----	54.6	----	60.9	----	52.7	----	55.8	64.3	53.7	59.0	72	51	----	51	----	52	52	----	88	----	73	81
July	29.81	29.98	29.97	29.62	----	55.8	----	62.5	----	54.2	----	57.4	65.3	55.0	60.2	79	52	----	53	----	54	53	----	91	----	74	82
August	29.78	29.95	29.96	29.64	----	56.0	----	61.7	----	54.5	----	57.3	64.8	55.2	65.0	81	53	----	53	----	54	54	----	91	----	78	84
September	29.77	29.94	29.94	29.62	----	60.4	----	66.2	----	58.0	----	60.3	70.8	59.2	65.0	83	55	----	56	----	56	56	----	87	----	72	80
October	29.84	30.00	30.04	29.57	----	56.7	----	63.5	----	54.7	----	57.5	69.0	55.6	62.3	84	51	----	53	----	53	53	----	88	----	70	79
November	29.94	30.11	30.15	29.74	----	52.9	----	60.3	----	49.4	----	52.3	62.6	51.4	57.0	73	47	----	46	----	45	46	----	79	----	59	69
December	29.76	29.93	30.09	29.17	----	52.1	----	58.2	----	49.3	----	51.8	61.0	49.9	55.4	71	42	----	46	----	45	46	----	82	----	66	74
Year	29.83	30.00	30.22	29.17	----	54.3	----	60.6	----	52.0	----	54.8	63.8	52.9	58.3	84	38	----	50	----	50	50	----	86	----	70	78

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	30.08	29.80	----	73.7	79.6	----	----	70.3	72.8	----	81.4	70.6	76.0	87	68	----	69	70	----	69	----	84	73	----	78
February	29.91	30.00	30.05	29.79	----	74.7	79.4	----	----	70.6	72.3	----	80.9	71.7	76.3	87	69	----	69	69	----	69	----	82	72	----	77
March	29.90	29.99	30.06	29.69	----	75.8	79.9	----	----	70.0	71.7	----	81.3	71.5	76.4	90	66	----	67	68	----	68	----	75	67	----	71
April	29.90	29.99	30.04	29.77	----	78.2	80.2	----	----	72.4	74.0	----	82.6	72.7	77.6	90	70	----	70	72	----	71	----	76	75	----	75
May	29.88	29.96	30.01	29.71	----	79.1	82.0	----	----	74.5	76.0	----	83.7	74.1	78.9	91	69	----	73	74	----	73	----	81	76	----	79
June	29.94	30.03	30.05	29.83	----	81.4	82.4	----	----	75.9	76.8	----	84.2	75.6	79.9	90	73	----	74	75	----	74	----	78	78	----	78
July	29.97	30.06	30.09	29.86	----	82.2	83.5	----	----	76.4	77.4	----	85.1	76.8	81.0	88	74	----	74	75	----	75	----	77	76	----	76
August	29.92	30.00	33.01	29.76	----	82.1	83.6	----	----	76.5	77.5	----	85.7	76.3	81.0	90	74	----	74	75	----	75	----	78	76	----	77
September	29.83	29.91	29.97	29.69	----	81.4	85.0	----	----	76.0	77.5	----	87.1	76.5	81.8	92	74	----	74	75	----	74	----	78	72	----	75
October	29.83	29.91	29.94	29.75	----	80.1	83.8	----	----	75.5	76.5	----	86.8	75.8	81.3	92	74	----	74	74	----	74	----	81	73	----	77
November	29.83	29.92	30.00	29.68	----	78.8	81.0	----	----	73.8	75.1	----	83.7	74.6	79.2	89	71	----	72	73	----	72	----	80	76	----	78
December	29.91	30.00	30.05	29.75	----	76.0	80.3	----	----	71.5	73.9	----	81.8	72.4	77.1	86	68	----	69	71	----	70	----	80	74	----	77
Year	29.90	29.98	30.09	29.68	----	78.6	81.7	----	----	73.6	75.1	----	83.7	74.0	78.9	92	66	----	72	73	----	72	----	79	74	----	76

[1] Pressure at airport adjusted to the old (city) station elevation of 87 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

SAN DIEGO, CALIF.

Airport [H=19 ft.; H_b=28 ft.; H_t=20 ft.; H_r=18 ft.; H_a=55 ft.] City [H=26 ft.; H_b=87 ft.; H_t=62 ft.; H_r=55 ft.; H_a=70 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind					Number of days																	
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall		Average hourly velocity	Prevailing direction	Maximum velocity	Direction of maximum velocity	Days, with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	1.75	0.55	0.0	7.5	5.9	NW.	19	SE.	0	5	4	22	10	7	0	0	0	2	0	0	1	0	0	0	0	0	0
February	3.56	1.07	.0	5.8	6.6	W.	27	SE.	0	6	13	10	12	9	0	0	0	6	1	0	0	0	0	0	0	0	1
March	.82	.87	.0	5.7	6.7	W.	28	SE.	0	12	3	16	4	2	0	0	0	3	2	1	1	0	0	0	0	0	0
April	.46	.21	.0	5.4	7.6	W.	28	SW.	0	11	8	11	5	3	0	0	0	2	1	1	1	0	2	1	0	0	0
May	T	T	.0	4.5	7.0	W.	18	W.	0	13	11	7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
June	T	T	.0	6.3	7.5	W.	17	NW.	0	5	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	T	T	.0	4.5	7.4	W.	20	NW.	0	11	14	6	0	0	0	0	0	8	3	3	3	0	0	0	0	0	0
August	T	T	.0	4.0	7.0	W.	17	W.	0	15	15	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
September	.08	.04	.0	4.2	6.9	W.	17	NW.	0	16	10	4	3	1	0	0	0	1	2	1	1	0	1	0	0	0	0
October	1.50	.86	.0	3.9	6.3	W.	19	N.	0	15	10	6	4	3	0	0	0	10	3	2	1	0	2	0	0	0	0
November	.49	.49	.0	4.3	5.4	W.	17	E.	0	15	6	9	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0
December	6.09	3.62	.0	6.1	6.0	N.	33	S.	1	9	8	14	9	7	0	0	0	4	1	0	2	0	0	0	0	0	1
Year	14.75	3.62	.0	5.2	6.7	W.	33	S.	1	133	115	118	49	34	0	0	0	40	13	8	10	0	5	1	0	0	2

SANDUSKY, OHIO

[H=603 ft.; H_b=629 ft.; H_t=5 ft.; H_r=3 ft.; H_a=67 ft.]

January	1.36	0.52	9.7	8.1	10.8	SW.	32	SW.	1	2	7	22	20	9	24	19	0	2	1	1	1	27	0	0	31	2	0
February	2.68	.72	14.8	7.2	9.3	SW.	22	W.	0	6	5	18	18	12	19	16	0	6	4	1	1	10	0	0	27	0	0
March	2.38	.86	9.6	7.4	10.0	NW.	25	W.	0	7	4	20	11	11	14	6	0	7	2	2	0	10	0	0	26	0	1
April	4.65	1.18	3.3	6.6	9.9	NE.	30	NE.	0	8	7	15	12	8	5	4	1	1	0	0	0	1	0	0	6	0	3
May	3.43	1.21	T	7.0	8.9	SW.	28	SW.	0	5	10	16	17	11	1	1	1	0	0	0	0	0	0	0	0	0	5
June	3.66	1.00	.0	5.9	8.5	SW.	24	SW.	0	9	11	10	16	12	0	0	2	1	0	0	0	0	1	0	0	0	11
July	1.47	.79	.0	3.4	7.4	SW.	27	NW.	0	16	11	4	7	6	0	0	0	0	0	0	0	0	11	9	0	0	6
August	5.63	1.93	.0	6.1	7.5	NE.	23	NW.	0	8	11	12	13	12	0	0	1	3	0	0	0	0	4	0	0	0	6
September	3.01	2.03	.0	4.9	7.0	SW.	22	NW.	0	12	11	7	7	4	0	0	0	6	1	1	0	0	1	0	0	0	2
October	2.26	1.55	T	5.6	7.8	SW.	22	NE.	0	8	12	11	9	8	1	0	0	6	2	1	1	0	0	0	0	0	1
November	2.28	.63	4.4	7.6	11.5	SW.	40	SW.	1	5	4	21	15	8	8	7	0	0	0	0	0	1	0	0	16	6	0
December	3.50	1.68	5.7	8.3	9.5	SW.	26	NW.	0	3	5	23	14	10	12	9	0	5	3	2	2	3	0	0	21	0	0
Year	36.31	2.03	47.5	6.5	9.0	SW.	40	SW.	2	89	98	179	159	111	84	62	5	37	13	8	5	52	17	9	127	2	35

SAN FRANCISCO, CALIF.

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

January	9.98	1.88	0.0	7.0	7.8	N.	21	SE.	0	7	4	20	18	14	0	0	1	3	0	0	0	0	0	0	0	0	0
February	7.81	2.34	.0	7.1	8.0	W.	34	S.	1	4	6	19	17	14	0	0	1	3	1	1	1	0	0	0	0	0	0
March	5.32	3.65	.0	5.7	7.7	W.	26	W.	0	9	11	11	9	6	0	0	0	1	1	1	1	0	0	0	0	0	0
April	.94	.37	.0	6.2	8.9	W.	32	W.	1	5	11	14	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
May	.63	.36	.0	6.1	10.2	W.	29	W.	0	5	16	10	5	4	0	0	0	3	2	1	0	0	0	0	0	0	0
June	.01	.01	.0	4.7	10.4	W.	24	W.	0	11	13	6	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0
July	T	T	.0	4.8	11.3	W.	28	W.	0	9	16	6	0	0	0	0	0	3	2	1	0	0	0	0	0	0	0
August	T	T	.0	5.7	10.0	W.	24	W.	0	7	16	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	.59	.42	.0	5.0	7.8	W.	29	W.	0	9	10	11	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0
October	1.05	.68	.0	4.9	7.4	W.	23	W.	0	13	8	10	4	4	0	0	0	2	0	0	0	0	0	0	0	0	0
November	2.22	1.06	.0	5.6	5.8	N.	22	W.	0	11	5	14	8	7	0	0	0	4	1	1	1	0	0	0	0	0	0
December	6.25	1.20	.0	5.6	7.2	E.	33	SE.	1	11	8	12	14	14	0	0	0	7	6	6	5	0	0	0	0	0	1
Year	34.80	3.65	.0	5.7	8.5	W.	34	S.	3	101	124	141	87	71	0	0	2	28	14	11	8	0	0	0	0	0	1

SAN JUAN, P. R.

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

January	3.49	1.21	0.0	4.3	8.7	E.	30	NE.	0	15	13	3	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0
February	3.49	1.01	.0	5.8	11.8	E.	27	NE.	0	5	15	9	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0
March	2.16	1.38	.0	4.6	11.9	E.	27	E.	0	9	20	2	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0
April	10.23	5.49	.0	4.7	10.7	E.	28	N.	0	5	22	3	17	12	0	0	0	0	0	0	0	2	0	0	0	0	1
May	7.74	1.82	.0	6.9	10.5	E.	42	N.	1	1	15	15	18	17	0	0	0	0	0	0	0	1	0	0	0	0	6
June	3.87	.75	.0	5.7	11.3	E.	28	E.	0	4	19	7	17	15	0	0	0	0	0	0	0	2	0	0	0	0	4
July	2.44	.53	.0	5.0	12.3	E.	34	E.	1	9	17	5	14	10	0	0	0	0	0	0	0	0	0	0	0	0	9
August	4.32	.80	.0	5.5	10.8	E.	40	NE.	1	2	25	4	22	6	0	0	0	0	0	0	0	2	0	0	0	0	6
September	1.49	.39	.0	6.3	8.3	E.	26	NE.	0	1	20	9	11	8	0	0	0	0	0	0	0	4	0	0	0	0	14
October	2.75	.75	.0	6.2	7.2	S.	24	E.	0	4	18	9	18	13	0	0	0	0	0	0	0	4	0	0	0	0	8
November	4.42	1.51	.0	6.0	11.8	E.	34	NE.	2	3	19	8	20	15	0	0	0	0	0	0	0	0	0	0	0	0	7
December	3.54	.91	.0	4.8	11.6	E.	33	E.	1	7	20	4	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0
Year	49.94	5.49	.0	5.5	10.6	E.	42	N.	6	65	223	78	193	135	0	0	0	0	0	0	0	15	0	0	0	0	55

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

SANTA FE, N. MEX.

Airport [ϕ=35°39′ N.; λ=106°03′ W.] City [ϕ=35°41′ N.; λ=105°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
	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	23.29	30.09	23.47	22.75	26.9	23.8	32.7	34.4	23.7	21.8	27.0	28.5	39.2	20.2	29.7	54	3	18	18	18	20	19	68	78	54	55	64
February	23.16	30.01	23.37	22.86	24.2	26.8	35.3	38.6	25.8	24.0	29.2	30.8	41.9	22.4	32.2	62	8	21	20	20	20	20	70	73	56	48	62
March	23.15	29.90	23.43	22.84	37.4	32.2	46.9	51.0	30.5	27.1	34.7	36.6	54.2	30.3	42.2	67	15	21	19	18	17	19	51	56	34	30	43
April	23.18	29.88	23.58	22.87	43.4	38.1	53.5	56.6	34.2	31.7	39.0	40.8	60.1	35.4	47.8	73	22	23	24	22	22	23	46	57	30	29	40
May	23.28	29.91	23.53	23.09	53.3	46.5	64.4	66.8	43.1	39.8	47.1	48.2	70.8	45.4	58.1	82	36	33	32	30	31	32	49	60	33	31	43
June	23.30	29.87	23.51	23.11	61.0	53.9	72.6	73.9	47.7	44.5	52.3	52.4	78.4	53.0	65.7	87	40	36	36	36	34	35	42	52	29	27	38
July	23.42	29.99	23.58	23.22	64.5	59.3	77.3	75.7	53.5	50.7	56.9	56.9	83.2	58.0	70.6	90	49	46	44	44	45	45	53	59	32	36	45
August	23.39	29.97	23.60	23.18	62.0	56.3	77.3	75.5	54.1	51.3	58.1	57.4	79.0	55.3	67.2	87	46	49	48	46	46	47	64	75	35	39	53
September	23.38	30.00	23.59	23.26	58.0	52.6	69.9	69.5	51.1	49.1	55.9	55.3	73.4	51.6	62.5	83	45	46	46	47	46	46	67	81	47	47	61
October	23.34	30.03	23.64	23.01	47.9	42.2	62.4	61.5	41.3	38.0	47.9	47.4	65.6	41.6	53.6	75	29	35	34	36	35	35	61	72	38	40	53
November	23.27	30.12	23.57	22.83	32.3	29.1	43.3	41.2	28.6	26.4	35.5	34.4	47.9	27.6	37.8	67	13	23	22	26	26	24	69	76	54	58	64
December	23.22	30.12	23.55	22.67	29.3	26.5	36.5	34.1	27.3	25.0	31.9	30.6	44.1	26.2	35.2	55	9	24	23	26	26	25	81	84	67	73	76
Year	23.28	29.99	23.64	22.67	45.4	40.6	56.0	56.6	38.4	35.8	43.0	43.3	61.5	38.9	50.2	90	3	31	30	31	31	31	60	69	42	43	54

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
	(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	29.30	30.01	29.79	28.34	11.7	9.4	15.5	13.8	11.2	8.9	14.3	13.3	20.5	6.2	13.4	36	−20	10	7	10	12	10	90	90	79	89	87
February	29.40	30.10	29.89	28.77	15.8	13.2	22.9	19.7	14.7	12.5	20.7	18.2	27.2	10.0	18.6	40	−13	11	10	15	14	13	82	87	70	78	79
March	29.32	30.02	29.90	28.81	17.3	13.9	24.8	22.4	16.0	12.9	21.8	20.5	28.4	13.3	20.8	49	−7	12	9	14	16	13	79	81	62	74	74
April	29.35	30.05	29.80	28.87	30.9	31.0	42.1	37.7	28.8	29.0	34.9	32.8	45.1	28.3	36.7	66	16	25	26	24	25	25	79	80	51	61	68
May	29.23	29.90	29.60	28.75	43.3	44.8	54.0	50.0	41.2	42.3	47.1	44.5	57.5	40.6	49.0	76	30	39	40	40	38	39	84	82	62	67	74
June	29.20	29.86	29.59	28.53	50.8	51.8	61.3	58.5	48.7	49.5	54.9	53.0	65.5	47.0	56.2	84	37	47	47	50	49	48	87	85	68	72	78
July	29.39	30.05	29.65	28.94	56.5	55.7	73.6	67.5	54.9	56.9	63.0	60.2	76.9	54.7	65.8	94	44	54	55	56	55	55	90	85	57	66	74
August	29.43	30.08	29.68	29.18	58.1	58.4	70.5	65.6	56.4	56.7	61.5	59.7	74.1	55.7	64.9	88	39	55	55	56	56	56	90	90	61	72	78
September	29.40	30.08	29.85	28.85	51.9	50.8	63.1	56.3	51.0	50.0	56.6	53.6	66.1	49.5	57.8	82	35	50	49	52	51	50	94	94	68	84	85
October	29.40	30.08	29.72	28.57	41.4	40.9	49.2	43.7	39.7	39.5	44.0	41.0	51.9	39.0	45.4	70	24	37	38	38	38	38	85	88	67	80	80
November	29.34	30.03	29.82	28.30	28.5	28.5	32.4	29.8	27.3	27.5	30.3	28.3	36.1	25.1	30.6	54	8	25	26	27	26	26	86	88	78	83	84
December	29.35	30.05	29.90	28.64	21.1	21.0	25.1	24.0	20.3	20.1	23.8	23.0	29.9	17.4	23.6	41	−11	18	18	21	20	19	86	86	83	87	86
Year	29.34	30.02	29.90	28.30	35.6	35.3	44.5	40.8	34.2	33.8	39.4	37.3	48.3	32.2	40.2	94	−20	32	32	34	33	33	86	86	67	76	79

SAVANNAH, GA.

Airport [ϕ=32°01′ N.; λ=81°10′ W.] City [ϕ=32°05′ 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)
January	30.06	30.13	30.38	29.49	35.4	31.9	47.8	40.8	32.8	30.3	40.1	36.8	51.6	31.9	41.8	67	18	28	27	28	30	28	74	81	49	66	68
February	29.95	30.03	30.36	29.50	44.7	42.4	57.6	49.8	42.1	40.0	48.5	45.3	60.3	42.5	51.4	74	29	39	38	38	40	38	81	84	50	70	71
March	29.93	30.00	30.38	29.30	51.1	47.8	65.5	57.6	47.7	45.6	53.9	51.1	68.6	47.8	58.2	80	35	44	43	42	44	43	79	84	48	66	69
April	29.94	30.01	30.30	29.52	56.5	57.2	71.2	63.4	53.3	54.7	59.6	57.3	74.2	54.2	64.2	91	36	50	52	50	52	51	81	85	51	69	72
May	29.88	29.95	30.28	29.54	62.7	65.4	80.2	71.2	60.2	60.8	64.8	63.1	82.8	61.5	72.2	94	48	58	58	54	58	57	86	77	43	64	68
June	29.95	30.02	30.12	29.64	73.6	76.2	86.4	79.8	71.9	73.2	74.3	73.4	89.3	72.0	80.6	99	63	71	72	69	71	71	93	87	59	75	78
July	30.00	30.07	30.18	29.82	74.5	77.0	87.9	80.3	72.9	74.1	76.1	75.2	90.4	73.2	81.8	101	68	72	73	71	73	72	93	88	60	80	80
August	29.89	29.96	30.12	28.74	75.8	76.6	86.3	80.6	74.4	74.9	76.6	75.8	89.5	74.2	81.8	98	71	74	74	73	74	74	94	92	66	83	84
September	29.94	30.00	30.12	29.66	68.3	68.3	82.0	74.3	66.4	66.5	69.5	69.0	85.9	67.5	76.7	96	50	65	66	63	66	65	90	91	54	77	78
October	30.01	30.08	30.26	29.74	58.4	56.0	76.1	64.9	57.2	55.2	63.1	61.4	79.5	58.4	69.0	89	50	56	54	54	59	56	93	95	50	82	80
November	30.11	30.18	30.42	29.74	54.1	51.0	68.1	58.0	52.3	49.5	56.9	53.9	71.0	51.1	61.0	82	25	50	48	47	50	49	87	88	50	76	75
December	30.03	30.10	30.38	29.38	51.8	49.2	62.8	56.1	49.6	47.4	55.0	52.3	65.9	48.7	57.3	77	35	48	46	48	48	47	86	88	62	78	78
Year	29.97	30.04	30.42	28.74	58.9	58.2	75.0	64.7	56.7	56.0	61.5	59.6	75.8	56.9	66.3	101	18	55	54	53	55	54	86	87	54	74	75

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	29.13	30.03	29.61	28.66	----	17.1	23.6	22.2	----	14.9	19.6	19.2	26.4	14.1	20.2	45	1	----	8	7	10	8	----	63	48	57	56
February	29.08	29.97	29.59	28.30	----	24.7	31.8	30.2	----	22.8	22.7	27.3	35.4	20.9	28.2	56	6	----	18	20	22	20	----	76	60	69	68
March	29.07	29.96	29.56	28.64	----	27.1	33.8	32.3	----	24.7	30.2	29.3	36.9	24.6	30.8	56	8	----	19	23	23	22	----	69	64	69	67
April	29.08	29.96	29.54	28.63	----	39.4	49.4	47.1	----	35.6	41.0	40.5	52.8	35.1	44.0	75	22	----	30	30	32	31	----	69	52	59	60
May	29.06	29.91	29.34	28.69	----	53.8	65.7	62.1	----	49.1	54.7	53.7	68.4	49.7	59.0	87	37	----	45	45	48	45	----	72	50	59	60
June	29.06	29.91	29.41	28.67	----	62.2	73.4	70.6	----	57.1	60.4	60.6	76.8	56.9	66.8	91	41	----	53	52	54	53	----	73	49	58	60
July	29.20	30.04	29.52	28.95	----	66.3	80.6	75.8	----	61.8	66.4	65.6	83.7	61.1	72.4	96	49	----	59	58	60	59	----	78	48	59	62
August	29.26	30.11	29.55	28.80	----	63.4	74.8	71.2	----	59.3	62.5	62.6	77.2	59.2	68.2	89	38	----	57	54	57	55	----	79	52	63	65
September	29.19	30.05	29.52	28.66	----	62.2	69.5	63.7	----	50.2	57.4	56.2	72.0	49.3	60.6	86	33	----	48	48	51	49	----	87	48	63	66
October	29.22	30.09	29.56	28.86	----	41.7	----	----	----	39.4	----	----	58.0	38.3	48.2	80	22	----	37	----	----	----	----	82	----	----	----
November	29.22	30.11	29.73	28.78	----	37.3	----	----	----	34.8	----	----	47.0	33.9	40.4	71	17	----	31	----	----	----	----	78	----	----	----
December	29.21	30.10	29.71	28.47	----	31.2	----	----	----	29.0	----	----	40.6	26.8	33.7	56	5	----	25	----	----	----	----	77	----	----	----
Year	29.15	30.02	29.73	28.30	----	43.0	55.8	52.8	----	39.9	34.6	34.6	56.3	39.2	47.7	96	1	----	36	37	39	38	----	75	52	62	63

[1] Pressure at airport adjusted to the old (city) station elevation: Santa Fe, 7,013 feet; Sault Ste. Marie, 614 feet; Savannah, 65 feet.
[2] Airport data beginning with August. [3] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

SANTA FE, N. MEX.

Airport [H=6,517 ft.; H_b=6,525 ft.; H_t=4 ft.; H_r=— ft.; H_a=57 ft.] City [H=6,994 ft.; H_b=7,013 ft.; H_t=38 ft.; H_r=31 ft.; H_a=53 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.77	0.42	7.7	5.5	6.0	N.	20	N.	0	11	7	13	6	5	12	6	0	3	2	0	0	6	0	0	29	0	0
February	1.97	.59	17.1	5.7	5.9	N.	20	SW.	0	9	8	12	13	10	14	11	0	0	2	1	0	2	0	0	24	0	0
March	1.52	1.21	14.6	4.1	6.6	N.	25	W.	0	17	6	8	6	3	5	4	0	0	0	0	0	0	0	0	20	0	1
April	.49	.28	4.6	5.5	7.2	W.	21	W.	0	10	7	13	5	2	5	4	0	0	1	0	0	0	0	0	11	0	1
May	1.54	.72	.0	5.0	6.1	E.	25	N.	0	5	21	5	10	7	0	0	1	0	0	0	0	0	0	0	0	0	4
June	1.17	.66	.0	5.1	6.2	E.	20	E.	0	10	12	8	5	4	0	0	0	1	0	0	0	0	0	0	0	0	8
July	.72	.21	.0	6.1	5.9	E.	17	E.	0	4	19	8	11	7	0	0	0	0	0	0	0	0	0	0	0	0	11
August	1.66	.57	.0	5.1	5.7	E.	25	N.	0	11	14	6	13	10	0	0	0	0	0	0	0	0	0	0	0	0	13
September	2.55	1.57	.0	6.2	5.4	E.	21	N.	0	5	14	11	8	7	0	0	1	0	0	0	0	0	0	0	0	0	12
October	.50	.22	.0	4.0	5.7	E.	20	W.	0	15	10	6	5	4	0	0	0	0	0	0	0	0	0	0	3	0	6
November	1.45	.63	7.5	5.7	5.6	E.	23	NW.	0	10	7	13	5	5	5	4	0	0	0	0	2	1	0	0	22	0	1
December	2.07	.61	12.0	5.2	6.6	N.	24	E.	0	13	4	14	8	8	8	7	0	2	0	0	0	1	0	0	27	0	0
Year	16.41	1.57	63.5	5.3	6.1	E.	25	W.	0	120	129	117	95	72	49	36	2	6	5	1	2	10	0	0	136	0	57

SAULT STE. MARIE, MICH.

Airport [H=721 ft.; H_b=724 ft.; H_t=11 ft.; H_r=3 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.97	0.97	23.6	7.9	7.7	SE.	35	NW.	1	4	5	22	18	10	30	18	0	19	5	2	0	29	0	0	31	8	0
February	.78	.30	10.7	6.7	7.0	SE.	24	NW.	0	7	7	15	10	6	19	10	0	12	2	0	0	23	0	0	29	4	0
March	.97	.45	9.0	5.9	9.5	NW.	30	NW.	0	9	9	13	12	5	20	10	0	11	5	3	0	20	0	0	30	2	0
April	1.38	.64	10.1	5.7	8.4	NW.	30	NW.	0	10	6	14	9	7	10	5	0	12	0	0	0	3	0	0	23	0	1
May	2.76	.72	T	7.6	8.1	NW.	30	NW.	0	3	8	20	14	11	2	0	1	17	5	4	1	0	0	0	1	0	2
June	4.13	1.70	.0	6.7	8.5	NW.	30	NW.	0	5	10	15	14	9	0	0	0	16	1	1	0	0	0	0	0	0	5
July	1.62	.84	.0	5.9	6.3	NW.	21	W.	0	6	15	10	8	4	0	0	0	24	7	6	4	0	1	0	0	0	3
August	3.67	1.32	.0	6.9	6.2	SE.	18	SE.	0	7	6	18	11	8	0	0	0	17	10	8	4	0	0	0	0	0	2
September	1.99	.64	T	7.5	6.6	NW.	29	NW.	0	3	9	18	12	8	1	0	0	23	15	11	8	0	0	0	0	0	3
October	2.31	.42	1.6	6.9	7.8	NW.	26	NW.	0	7	5	19	12	12	1	1	0	22	7	7	4	0	0	0	8	0	1
November	3.71	.66	12.8	9.1	9.6	SE.	35	SW.	2	0	3	27	20	15	17	10	0	19	0	0	0	12	0	0	21	0	1
December	2.12	.88	25.2	8.8	7.5	SE.	38	NW.	2	2	3	26	21	14	24	17	0	17	6	5	4	15	0	0	28	2	0
Year	27.41	1.70	93.0	7.1	7.8	NW.	38	NW.	5	63	86	217	161	109	124	71	1	209	63	47	25	102	1	0	171	16	18

SAVANNAH, GA.

Airport [H=36 ft.; H_b=51 ft.; H_t=18 ft.; H_r=4 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	3.31	1.52	T	4.7	10.7	NW.	34	W.	1	12	10	9	9	6	1	0	0	6	0	0	0	0	0	0	14	0	0
February	4.67	2.11	0.0	6.2	12.5	W.	44	SE.	4	9	5	15	8	5	0	0	0	1	0	0	0	0	0	0	2	0	1
March	2.65	1.99	.0	5.2	11.3	NW.	27	NW.	0	12	7	12	8	4	0	0	0	7	0	0	3	0	0	0	0	0	2
April	1.39	.69	.0	5.1	12.4	SW.	32	NW.	3	12	4	14	5	5	0	0	0	2	0	0	0	0	1	0	0	0	1
May	.92	.37	.0	3.2	10.5	SW.	39	W.	1	18	7	6	7	6	0	0	0	1	0	0	0	0	3	0	0	0	5
June	4.35	1.87	.0	6.1	9.6	SW.	31	NW.	0	8	10	12	10	10	0	0	0	1	0	0	0	0	14	3	0	0	7
July	5.43	1.53	.0	5.6	8.9	W.	34	SW.	1	14	4	13	12	10	0	0	0	1	0	0	0	0	17	4	0	0	11
August	6.84	2.28	.0	6.4	10.8	SE.	73	N.	2	6	15	10	16	12	0	0	0	1	1	0	0	0	16	5	0	0	7
September	1.31	1.04	.0	5.1	9.1	NE.	25	E.	0	12	9	9	5	4	0	0	0	2	1	1	1	0	11	1	0	0	1
October	.35	.25	.0	3.2	8.2	N.	21	E.	0	18	7	6	4	2	0	0	0	8	4	3	2	0	0	0	0	0	1
November	1.12	.45	.0	5.3	9.5	E.	27	NW.	0	12	4	14	5	4	0	0	0	3	2	1	1	0	0	0	2	0	0
December	4.20	2.24	.0	6.7	10.0	NE.	44	SE.	3	4	13	14	12	8	0	0	0	5	1	0	0	0	0	0	0	0	1
Year	36.54	2.28	T	5.2	10.3	SW.	73	N.	15	137	95	134	101	76	1	0	0	38	9	5	7	0	62	13	18	0	37

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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.47	0.32	2.8	6.6	7.8	SW.	31	SE.	0	6	13	12	6	3	24	5	0	2	0	0	0	27	0	0	30	0	0
February	2.48	1.59	21.4	7.0	7.4	NW.	25	NW.	0	7	3	19	12	9	21	9	0	5	0	0	0	8	0	0	24	0	1
March	6.52	3.15	10.5	7.3	7.5	NW.	27	NW.	0	4	8	19	16	10	17	8	0	3	1	0	0	8	0	0	26	0	1
April	3.76	1.12	1.5	6.6	7.7	N.	33	NW.	1	5	12	13	11	9	5	1	1	1	0	0	0	0	0	0	8	0	2
May	2.98	.86	.0	7.2	6.5	N.	26	NW.	0	3	10	18	15	12	0	0	0	2	0	0	0	0	0	0	0	0	3
June	3.71	1.20	.0	6.1	6.5	SW.	22	NW.	0	4	16	10	11	9	0	0	0	4	0	0	0	0	1	0	0	0	7
July	2.66	.97	.0	5.2	5.4	N.	25	NW.	0	6	20	5	12	9	0	0	0	3	1	0	0	0	7	1	0	0	11
August	5.13	3.21	.0	6.1	5.4	N.	25	NW.	0	7	12	12	9	7	0	0	0	3	0	0	0	0	0	0	0	0	3
September	2.72	.84	.0	5.1	5.2	N.	28	NW.	0	9	13	8	7	6	0	0	0	6	0	0	0	0	0	0	0	0	2
October	3.14	1.31	T	5.6	5.7	N.	25	NW.	0	8	13	10	8	8	3	0	0	8	1	0	2	0	0	0	8	0	1
November	3.05	.58	7.0	7.9	7.3	SW.	26	NW.	0	3	7	20	15	10	11	5	0	2	0	0	0	1	0	0	13	0	0
December	2.11	.99	1.5	7.4	6.5	SW.	21	NW.	0	5	6	20	8	5	9	2	0	4	1	0	0	5	0	0	20	0	0
Year	38.73	3.21	44.7	6.5	6.6	N.	33	NW.	1	67	133	166	130	97	90	30	1	43	4	0	2	49	8	1	129	0	31

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

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.	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	29.89	30.03	30.30	29.36	42.8	40.2	43.2	47.1	39.6	37.8	39.4	42.1	50.7	40.2	45.4	65	31	35	34	34	36	35	75	81	72	66	73
February	29.76	29.90	30.32	29.22	44.2	42.9	45.4	49.1	42.1	40.9	43.0	45.6	51.9	42.2	47.0	63	35	40	39	40	40	40	85	86	83	73	82
March	29.86	30.00	30.34	29.09	47.0	43.8	49.7	55.6	44.6	42.3	46.0	48.2	57.1	44.3	50.7	68	38	42	41	42	41	41	84	89	76	59	77
April	29.92	30.05	30.22	29.61	50.2	45.6	54.7	59.8	47.4	44.2	48.9	50.8	61.5	46.7	54.1	83	40	45	43	43	42	43	82	90	67	55	74
May	29.91	30.04	30.20	29.48	55.8	49.9	61.9	67.9	51.2	47.7	53.6	55.6	69.4	51.3	60.4	80	46	47	46	46	45	46	74	86	59	46	66
June	29.94	30.08	30.15	29.65	59.5	52.5	66.0	73.2	53.3	49.7	56.4	58.6	74.5	54.4	64.4	86	50	48	47	49	47	48	67	83	56	41	62
July	29.91	30.04	30.20	29.62	62.0	55.5	66.7	74.1	56.6	53.5	58.4	60.6	75.2	56.7	66.0	88	51	53	52	52	51	52	72	88	61	46	67
August	29.92	30.05	30.17	29.71	62.2	56.6	67.1	74.3	57.4	54.6	59.9	61.6	75.2	57.6	66.4	89	54	54	53	55	53	54	75	88	67	50	70
September	29.84	29.97	30.10	29.60	59.7	55.5	63.8	70.0	57.1	54.7	58.7	60.9	71.8	56.1	64.0	85	49	55	54	55	55	55	86	95	75	61	79
October	29.84	29.98	30.12	29.38	53.9	51.2	57.2	60.6	51.8	50.0	53.5	54.8	62.8	51.4	57.1	75	40	50	49	51	50	50	88	92	80	71	83
November	29.99	30.13	30.36	29.34	41.5	39.9	42.6	47.2	39.8	38.6	40.3	43.2	49.7	39.5	44.6	58	30	38	37	37	38	38	87	90	83	73	83
December	29.80	29.94	30.31	28.86	42.8	42.1	43.5	46.9	40.7	40.1	41.1	43.3	50.8	42.0	46.4	63	30	38	38	38	39	38	84	85	82	75	82
Year	29.88	30.02	30.36	28.86	51.8	48.0	55.2	60.5	48.5	46.2	49.9	52.1	62.6	48.5	55.5	89	30	45	44	45	45	45	80	88	72	60	75

SHERIDAN, WYO.

Airport [ϕ=44°48′ N.; λ=106°57′ W.] City [ϕ=44°48′ N.; λ=106°57′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	(1 3)	(2)	(1 3)	(1 3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
January	26.17	30.28	26.60	25.72	12.3	7.1	21.8	20.3	11.2	6.3	18.5	17.7	27.3	1.5	14.4	53	−30	8	4	10	12	8	83	84	59	69	74
February	26.02	30.04	26.43	25.61	21.1	17.6	29.8	31.6	19.7	16.2	26.0	27.8	36.3	11.6	24.6	55	−7	17	13	19	22	18	85	81	63	65	74
March	26.02	29.96	26.38	25.54	33.8	30.8	43.9	45.9	31.4	28.9	36.6	37.7	50.1	27.3	38.7	67	15	28	26	27	27	27	80	82	54	51	67
April	26.07	30.00	26.71	25.73	38.3	34.8	46.6	48.3	36.0	32.9	40.4	41.4	53.1	30.9	42.0	76	7	33	30	34	34	33	83	85	63	62	73
May	26.12	29.98	26.41	25.62	49.0	43.4	65.4	68.6	43.6	40.3	50.9	52.1	73.0	39.6	56.3	92	31	38	37	38	37	37	67	78	39	34	55
June	26.09	29.90	26.37	25.74	58.3	54.3	73.7	76.3	51.8	49.7	57.4	58.2	81.1	49.1	65.1	100	35	47	46	46	45	46	67	74	40	37	55
July	26.13	29.91	26.30	25.82	65.4	60.5	81.9	84.3	56.8	54.9	62.5	62.5	89.9	56.5	73.2	102	44	51	51	50	48	50	62	72	36	32	51
August	26.15	29.94	26.48	25.90	64.4	57.2	82.0	85.2	51.9	48.7	59.1	59.7	89.1	53.5	71.3	101	41	42	41	42	41	41	45	57	26	23	38
September	26.14	29.96	26.42	25.89	59.1	53.4	72.3	73.7	51.1	48.0	56.4	56.8	79.6	49.7	64.6	100	40	44	43	44	44	44	63	71	42	41	54
October	26.12	30.00	26.52	25.68	45.5	40.8	60.6	56.2	41.4	38.1	48.4	47.3	66.4	36.6	51.5	82	27	37	35	37	39	37	74	81	45	56	64
November	26.17	30.20	26.50	25.80	23.0	20.9	31.4	26.4	21.4	19.5	27.7	24.4	37.5	14.0	25.8	66	−8	19	17	22	21	20	83	84	69	82	80
December	26.06	30.07	26.41	25.58	23.8	21.1	31.6	28.4	21.5	19.6	27.1	25.4	39.8	14.0	27.2	63	−13	18	17	20	21	19	77	83	64	74	74
Year	26.10	30.02	26.71	25.54	41.2	36.8	53.4	53.8	36.5	33.6	42.6	42.6	60.3	32.1	46.2	102	−30	32	30	32	33	32	72	78	50	52	63

SHREVEPORT, LA.

[ϕ=32°30′ N.; λ=93°40′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.96	30.24	30.40	29.24	32.7	28.8	38.5	39.1	30.3	27.3	34.0	34.7	45.0	26.7	35.8	72	3	26	24	27	28	26	76	82	64	64	71
February	29.74	30.00	30.23	29.34	45.1	41.4	52.0	52.1	41.9	39.4	46.3	45.9	58.1	40.2	49.2	85	29	38	37	40	40	39	77	83	67	64	73
March	29.70	29.96	30.19	29.30	54.3	49.1	63.7	63.6	49.9	46.7	54.5	54.1	70.0	48.0	59.0	85	29	46	44	46	45	45	73	83	56	53	66
April	29.66	29.92	30.30	29.33	60.1	56.5	69.5	69.4	56.3	54.2	61.1	60.5	74.9	54.8	64.8	88	35	53	52	55	54	54	79	87	62	62	72
May	29.70	29.96	29.95	29.47	66.3	62.3	77.1	76.9	62.2	60.0	65.6	65.5	81.9	61.9	71.9	89	54	60	58	58	59	59	80	88	55	56	70
June	29.68	29.95	29.91	29.53	72.7	71.0	83.3	82.5	70.2	69.3	73.5	73.6	87.1	69.8	78.4	95	64	69	68	69	70	69	88	92	64	67	78
July	29.76	30.02	29.92	29.59	75.9	74.3	86.9	84.7	73.3	72.7	76.9	76.0	90.8	72.9	81.8	99	68	72	72	73	72	72	89	92	64	68	78
August	29.69	29.95	29.90	29.48	73.8	71.3	85.1	83.1	71.5	69.8	74.4	75.0	89.0	70.7	79.8	95	59	71	69	70	72	70	89	92	61	70	78
September	29.77	30.03	29.99	29.47	67.4	63.2	83.1	78.1	64.2	61.8	69.0	68.2	85.5	63.9	74.7	95	47	62	61	61	63	62	84	93	49	60	72
October	29.81	30.07	30.09	29.45	61.2	55.4	78.5	71.8	57.6	54.0	63.9	62.3	81.6	58.6	70.1	88	44	55	53	54	56	54	81	92	45	58	69
November	29.88	30.15	30.40	29.37	51.5	48.2	60.5	57.4	48.7	46.1	53.1	52.2	64.4	46.5	55.4	76	23	45	44	46	47	45	80	84	62	70	74
December	29.80	30.06	30.25	29.98	49.2	46.2	58.1	55.7	46.9	44.8	51.3	50.4	61.6	44.1	52.8	71	29	44	43	44	45	44	84	90	63	70	77
Year	29.76	30.03	30.40	28.98	59.2	55.6	69.7	67.9	56.1	53.8	60.3	59.9	74.2	54.8	64.5	99	3	53	52	54	54	53	82	88	59	64	73

SIOUX CITY, IOWA

Airport [ϕ=42°25′ N.; λ=96°22′ W. City [ϕ=42°30′ N.; λ=96°24′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	(1 4)	(4)	(1 4)	(1 4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)						(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
January	28.98	30.28	29.37	28.47	6.5	3.6	10.9	12.6	5.9	3.3	9.7	5.9	16.6	−0.6	8.0	40	−20	4	1	6	7	4	86	88	78	78	83
February	28.83	30.10	29.48	28.18	22.7	20.4	26.3	27.1	21.5	19.7	24.1	24.9	31.3	16.1	23.7	52	−7	19	18	20	20	19	84	90	74	74	80
March	28.78	30.03	29.21	28.03	29.8	27.1	35.2	35.7	28.5	25.9	31.7	32.3	39.5	24.4	32.0	73	10	26	24	27	28	26	86	87	71	73	79
April	28.75	29.98	29.36	28.18	42.4	38.5	51.2	52.5	39.4	36.2	44.0	44.4	56.5	35.2	45.8	86	17	36	33	36	35	35	78	81	59	55	68
May	28.74	29.95	29.10	28.25	53.9	50.7	67.6	69.3	48.4	46.7	53.9	54.4	72.5	49.1	60.8	93	33	43	43	42	41	42	68	75	42	38	56
June	28.69	29.88	29.02	28.38	65.9	63.4	78.4	79.3	59.8	58.9	65.1	65.2	82.6	60.6	71.6	97	52	56	56	57	57	56	72	77	51	49	62
July	28.78	29.97	29.12	28.44	71.3	69.4	84.4	84.6	64.6	64.1	70.1	69.7	89.5	67.2	78.4	108	52	61	61	63	62	62	71	76	51	49	62
August	28.80	29.99	29.13	28.54	66.2	62.9	76.4	76.3	63.2	61.3	67.5	67.8	80.9	61.8	71.4	94	50	62	60	63	63	62	86	92	64	66	77
September	28.85	30.05	29.24	28.58	62.0	57.0	75.3	73.4	57.1	54.5	63.4	62.3	79.4	56.5	68.0	94	35	54	52	56	55	54	75	86	52	53	67
October	28.77	29.99	29.18	28.37	53.3	48.0	67.0	62.7	48.4	44.8	54.7	53.0	72.1	47.1	59.6	84	31	44	42	44	45	44	71	79	46	53	62
November	28.89	30.15	29.46	28.29	28.5	26.4	34.3	31.6	26.8	25.1	31.2	29.3	39.0	23.0	31.0	64	−6	24	23	27	26	25	84	86	75	79	81
December	28.84	30.10	29.48	28.25	26.4	24.2	30.1	29.3	25.2	23.4	28.1	27.8	35.7	21.8	28.8	50	−2	23	22	24	25	24	88	90	79	84	86
Year	28.81	30.04	29.48	28.03	44.1	41.0	53.1	52.9	40.7	38.7	45.3	45.2	58.0	38.5	48.3	108	−20	38	36	39	39	38	79	84	62	63	72

[1] Pressure at airport adjusted to the old (city) station elevation: Seattle, 125 feet; Sheridan, 3,790 feet; Sioux City, 1,138 feet.
[2] Airport data. [3] Airport data beginning with April 20. [4] Airport data beginning with April.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

SEATTLE, WASH.

Airport [H=14 ft; Hb=30 ft.; Ht=33 ft.; Hr=29 ft; Ha=45 ft.] City [H=14 ft.; Hb=125 ft.; Ht=90 ft.; Hr=83 ft.; Ha=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 of maximum velocity	Wind, By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	3.10	1.00	0.8	8.6	8.3	SE.	39	S.	2	1	6	24	15	11	5	2	0	1	0	0	0	0	0	0	2	0	0
February	6.65	1.45	.0	8.0	10.9	S.	36	S.	4	2	7	20	23	18	0	0	0	2	1	0	0	0	0	0	0	0	0
March	4.39	.93	.0	7.2	8.9	S.	45	S.	3	4	10	17	17	14	0	0	2	2	2	0	2	0	0	0	0	0	1
April	3.66	1.11	.0	7.5	8.6	S.	36	S.	1	2	13	15	21	11	0	0	1	3	0	0	0	0	0	0	0	0	0
May	1.24	.39	.0	5.5	8.9	N.	34	SW.	1	7	15	9	12	8	0	0	0	1	0	0	0	0	0	0	0	0	0
June	.34	.25	.0	4.3	8.3	NE.	25	SW.	0	11	13	6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0
July	.73	.62	.0	6.0	8.3	S.	24	S.	0	7	15	9	4	2	0	0	0	1	1	0	0	0	0	0	0	0	0
August	.24	.11	.0	4.6	8.1	N.	27	S.	0	13	9	9	4	4	0	0	0	4	1	0	0	0	0	0	0	0	0
September	2.58	1.44	.0	6.1	6.4	N.	26	SW.	0	8	7	15	9	8	0	0	0	15	0	1	2	0	0	0	0	0	7
October	4.70	.92	.0	8.0	8.2	SE.	29	SW.	0	2	7	22	20	14	0	0	0	1	0	0	0	0	0	0	0	0	0
November	3.06	.53	T	7.8	8.0	SE.	37	SW.	2	4	5	21	14	12	2	0	0	8	1	0	1	0	0	0	4	0	0
December	4.04	1.23	.0	7.2	9.5	SE.	47	S.	3	8	4	19	19	14	0	0	0	2	1	2	2	0	0	0	2	0	0
Year	34.73	1.45	.8	6.7	8.5	S.	47	S.	16	69	111	186	161	119	7	2	3	40	7	3	7	0	0	0	8	0	8

SHERIDAN, WYO.

Airport [H=3,949 ft.; Hb=3,968 ft.; Ht=6 ft.; Hr=3 ft.; Ha=42 ft.] City [H=3,773 ft.; Hb=3,790 ft.; Ht=10 ft.; Hr=3 ft.; Ha=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 of maximum velocity	Wind, By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.86	0.27	12.8	6.5	3.7	S.	26	NW.	0	6	10	15	10	6	15	10	0	3	1	0	0	20	0	0	31	14	0
February	61	.22	9.0	7.6	4.3	S.	24	NW.	0	3	9	17	9	4	15	8	0	2	0	0	0	10	0	0	28	5	0
March	.93	.52	.8	7.5	5.7	NW.	21	NW.	0	3	9	19	8	5	13	4	0	0	1	1	0	1	0	0	28	0	0
April	3.87	1.55	13.9	8.1	6.6	NW.	22	NW.	0	2	6	22	14	12	7	6	2	5	1	1	1	1	0	0	13	0	2
May	.67	.24	.0	5.4	5.5	NW.	25	SE.	0	10	13	8	8	7	0	0	0	1	0	0	0	0	2	0	6	0	4
June	1.85	.56	.0	4.8	5.2	NW.	27	NW.	0	9	14	7	8	7	0	0	0	0	1	0	0	0	9	3	0	0	0
July	.89	.65	.0	5.6	4.3	S.	21	NW.	0	5	21	5	9	4	0	0	0	0	0	0	0	0	17	6	0	0	17
August	.07	.04	.0	4.1	4.5	S.	21	NW.	0	14	11	6	3	1	0	0	0	0	0	0	0	0	17	7	0	0	5
September	2.05	1.10	.0	5.7	4.0	S.	22	SE.	0	11	8	11	7	5	0	0	1	4	1	1	0	0	3	2	0	0	4
October	.83	.27	.0	5.8	4.1	S.	24	NW.	0	9	11	11	8	4	0	0	0	1	0	0	0	0	0	0	6	0	1
November	.80	.63	5.9	6.4	4.4	NW.	19	NW.	0	8	6	16	7	3	10	6	0	4	2	1	0	10	0	0	29	4	0
December	.26	.11	6.7	6.0	4.9	NW.	38	NW.	1	9	8	14	5	2	9	5	0	3	0	0	0	8	0	0	31	6	0
Year	13.69	1.55	49.1	6.1	4.8	S.	38	NW.	1	89	126	151	96	60	69	39	3	23	7	4	1	50	48	18	172	29	42

SHREVEPORT, LA.

[H=197 ft.; Hb=249 ft.; Ht=92 ft.; Hr=90 ft.; Ha=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 of maximum velocity	Wind, By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.24	0.73	3.0	4.3	11.2	NW.	46	W.	2	16	6	9	6	6	4	1	0	2	0	0	0	3	0	0	23	0	1
February	4.77	1.93	.5	6.6	13.1	NW.	29	NE.	0	8	7	14	11	9	1	1	0	4	0	0	0	0	0	0	1	0	3
March	2.22	1.26	T	4.6	12.9	S.	45	NW.	5	14	7	10	6	3	1	0	1	4	0	0	0	0	0	0	1	0	4
April	8.58	3.07	.0	4.7	13.2	S.	44	SE.	3	13	8	9	10	9	0	0	0	1	1	0	0	0	0	0	0	0	8
May	4.46	1.68	.0	3.6	10.4	S.	34	NW.	1	18	7	6	7	7	0	0	0	3	0	0	0	0	0	0	0	0	7
June	5.53	2.20	.0	4.7	9.0	S.	38	S.	1	12	11	7	12	10	0	0	0	1	0	0	0	0	11	0	0	0	7
July	5.06	1.67	.0	4.7	8.9	S.	36	S.	1	13	9	9	11	9	0	0	0	0	0	0	0	0	19	7	0	0	9
August	8.61	3.43	.0	3.2	9.2	NE.	52	W.	5	21	5	5	12	11	0	0	0	6	1	0	0	0	18	5	0	0	8
September	.36	.22	.0	2.6	8.3	NE.	32	NE.	1	24	2	4	5	4	0	0	0	6	2	0	0	0	13	1	0	0	2
October	2.33	1.89	.0	3.2	9.6	SE.	26	NW.	0	18	10	3	5	4	0	0	0	8	1	0	0	0	0	0	0	0	2
November	10.09	5.51	.0	5.9	11.3	SE.	46	W.	3	7	9	14	11	10	0	0	0	6	1	0	0	0	0	0	4	0	3
December	7.91	2.32	.0	6.2	10.5	NE.	42	NE.	2	8	9	14	11	10	0	0	0	8	3	3	2	0	0	0	2	0	5
Year	62.16	5.51	3.5	4.5	10.6	NE.	52	W.	24	172	90	104	107	92	6	2	1	49	9	3	2	3	61	13	31	0	59

SIOUX CITY, IOWA

Airport [H=1,095 ft.; Hb=1,103 ft.; Ht=5 ft.; Hr=3 ft.; Ha=27 ft.] City [H=1,111 ft.; Hb=1,138 ft.; Ht=64 ft.; Hr=57 ft.; Ha=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 of maximum velocity	Wind, By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.25	0.17	5.9	4.6	10.4	NW.	32	NW.	2	13	8	10	3	2	17	3	0	2	1	1	1	29	0	0	31	16	0
February	.68	.30	5.7	7.9	9.6	N.	29	NW.	0	2	6	21	9	6	19	7	0	8	1	1	0	18	0	0	29	2	0
March	3.30	1.71	14.7	7.9	9.6	E.	37	NW.	2	3	6	22	12	9	15	9	2	11	2	2	2	10	0	0	26	0	1
April	3.65	.96	T	7.3	12.1	N.	39	NW.	1	3	11	16	13	11	1	0	0	1	0	0	0	1	0	0	10	0	3
May	1.66	1.10	.0	5.6	10.2	N.	37	NW.	2	7	14	10	6	6	0	0	0	3	1	1	1	0	2	0	0	0	6
June	7.40	5.12	.0	5.5	10.0	S.	35	W.	3	9	13	8	9	7	0	0	0	1	1	1	1	0	7	2	0	0	10
July	3.55	1.66	.0	5.8	9.5	S.	43	NW.	4	10	9	12	10	9	0	0	1	0	0	0	0	0	15	10	0	0	18
August	4.18	1.58	.0	5.8	7.9	S.	48	NW.	1	5	17	9	12	11	0	0	0	13	1	1	1	0	2	0	0	0	14
September	2.77	2.26	.0	4.7	8.8	S.	29	SW.	0	10	12	8	4	3	0	0	1	1	0	0	0	0	6	0	0	0	2
October	2.13	1.06	.0	4.5	8.8	S.	28	SE.	0	14	8	9	8	6	0	0	0	2	0	0	0	0	0	0	1	0	2
November	1.74	.77	7.6	7.2	9.9	NW.	43	NW.	1	5	6	19	8	5	9	6	0	9	2	0	0	9	0	0	22	2	0
December	1.07	.50	11.6	7.9	9.0	S.	33	NW.	4	1	11	19	7	5	9	7	0	9	3	3	3	10	0	0	28	2	0
Year	32.38	5.12	44.9	6.2	9.6	S.	48	NW.	20	82	121	163	101	80	70	32	4	60	12	10	9	77	32	12	147	22	56

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

SPOKANE, WASH.

Airport [ϕ=47°40′ N.; λ=117°20′ W.] City [ϕ=47°40′ N.; λ=117°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. (3)	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	28.07	30.17	28.43	27.70	29.1	27.7	30.6	32.8	27.2	26.0	28.1	29.7	35.1	24.9	30.0	51	13	23	22	23	24	23	78	81	74	70	76
February	27.89	29.96	28.33	27.42	34.6	33.1	36.4	38.9	33.0	31.9	34.3	35.9	41.0	30.8	35.9	53	21	31	30	31	32	31	86	88	82	77	83
March	27.93	29.98	28.34	27.30	42.0	37.2	46.3	52.8	38.8	35.4	41.0	43.7	54.4	36.2	45.3	67	26	35	33	35	34	34	77	85	66	51	70
April	27.95	30.00	28.45	27.64	47.7	42.2	52.8	57.4	43.2	39.4	44.9	46.8	59.8	41.3	50.6	74	34	38	36	37	36	37	72	80	56	48	64
May	27.96	29.98	28.23	27.57	56.2	48.7	65.6	71.9	48.4	44.6	52.5	53.4	72.8	48.2	60.5	89	40	42	41	42	37	40	60	75	43	30	52
June	27.94	29.94	28.16	27.63	64.5	54.5	73.0	80.9	52.1	48.4	55.3	57.0	81.6	55.0	68.3	97	46	42	43	41	38	41	46	67	34	24	43
July	27.92	29.91	28.12	27.72	69.9	60.8	76.4	84.5	56.7	53.6	59.1	60.9	85.2	60.4	72.8	101	52	47	48	47	44	47	47	65	39	28	44
August	27.95	29.94	28.19	27.74	64.9	56.3	76.0	85.7	53.1	49.3	58.2	59.4	85.6	55.7	70.6	96	48	44	43	46	40	43	47	63	35	21	41
September	27.93	29.94	28.14	27.65	60.8	55.4	66.2	73.0	55.8	52.8	57.5	59.9	75.4	53.9	64.6	92	47	52	51	52	52	52	76	86	62	52	69
October	27.97	30.00	28.29	27.62	49.3	46.6	54.1	58.5	47.3	45.2	49.6	51.4	61.4	44.5	53.0	77	36	45	44	46	46	45	88	91	75	64	79
November	28.11	30.21	28.62	27.64	30.8	29.7	33.9	35.2	29.7	28.9	32.1	33.1	37.7	26.8	32.2	52	9	28	28	30	30	29	90	93	83	81	87
December	27.97	30.05	28.36	27.24	32.3	31.0	34.7	36.2	31.3	29.9	32.6	34.0	39.2	28.6	33.9	51	9	30	29	30	31	30	90	91	81	80	86
Year	27.97	30.01	28.62	27.24	48.5	43.6	53.8	59.0	43.0	40.4	45.4	47.1	60.8	42.2	51.5	101	9	38	37	38	37	38	71	80	61	52	66

SPRINGFIELD, ILL.

Airport [ϕ=39°45′ N.; λ=89°41′ W.] City [ϕ=39°48′ N.; λ=89°39′ W.]

Month	Station level	Sea level	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Maximum	Minimum	Monthly	Maximum	Minimum	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.	Monthly
January	(1 2) 29.46	(3) 30.19	(1 2) 29.80	(1 2) 28.41	(2) 9.9	(2) 8.2	(2) 16.5	(2) 14.1	(2) 9.4	(2) 7.9	(2) 15.6	(2) 13.3	21.5	7.5	14.5	37	−12	(2) 8	(2) 7	(2) 13	(2) 11	(2) 10	(2) 91	(2) 92	(2) 85	(2) 85	(2) 88
February	29.34	30.04	29.94	28.90	28.2	27.1	33.0	31.4	27.2	26.3	30.7	29.7	36.2	25.8	31.0	50	4	25	25	27	27	26	88	90	79	83	85
March	29.30	30.00	29.86	28.90	34.7	31.6	42.2	40.4	32.7	30.2	37.2	36.5	47.1	31.9	39.5	76	15	30	28	30	31	30	82	85	64	70	75
April	29.26	29.95	29.74	28.80	45.4	42.5	56.4	54.2	42.3	40.3	48.6	47.5	61.4	41.3	51.4	83	23	39	38	41	41	40	78	83	60	63	71
May	29.23	29.91	29.60	28.86	52.9	52.2	66.6	64.5	50.0	49.3	56.2	56.6	71.6	51.2	61.4	90	36	48	47	48	51	48	83	83	54	63	71
June	29.25	29.92	29.58	28.93	66.0	66.3	81.2	79.0	62.6	62.4	67.8	67.8	86.1	65.3	75.7	95	50	60	60	60	62	61	83	81	51	57	68
July	29.38	30.05	29.67	29.10	69.2	68.1	85.9	85.3	63.7	63.7	69.2	69.0	90.0	67.6	78.8	102	53	60	61	60	60	60	74	79	43	44	60
August	29.33	30.00	29.58	29.08	68.2	65.9	82.8	78.3	64.8	63.2	69.7	68.4	86.3	67.1	76.7	98	53	63	62	63	63	63	84	86	53	62	71
September	29.42	30.10	29.74	28.96	58.2	53.1	77.4	71.7	53.6	51.0	61.7	59.6	80.8	56.7	68.8	95	40	50	49	51	51	50	75	87	41	49	63
October	29.38	30.06	29.64	29.09	52.9	48.1	70.3	61.9	48.9	45.7	57.3	53.4	74.0	51.3	62.6	86	39	46	44	47	46	46	77	85	46	58	66
November	29.45	30.16	29.88	28.56	35.8	33.2	44.6	39.1	33.6	31.7	38.9	35.3	49.6	32.6	41.1	76	11	30	29	32	30	30	82	86	62	72	76
December	29.41	30.11	29.89	28.91	32.3	31.1	39.1	36.1	31.2	30.2	36.2	34.5	42.4	30.5	36.4	63	3	30	29	32	32	31	89	91	77	86	86
Year	29.35	30.04	29.94	28.41	46.1	44.0	58.0	54.7	43.3	41.8	49.1	47.6	62.2	44.1	53.2	102	−12	41	40	42	42	41	82	86	60	66	73

SPRINGFIELD, MO.

Airport [ϕ=37°13′ N.; λ=93°15′ W.] City [ϕ=37°12′ N.; λ=93°18′ 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) 28.77	(2) 30.25	(1 2) 29.15	(1 2) 27.94	(2) 13.7	(2) 12.0	(2) 21.3	(2) 18.8	(2) 12.9	(2) 11.3	(2) 19.4	(2) 17.1	(3) 25.4	(3) 6.7	(3) 16.0	(3) 48	(2) −12	(2) 10	(2) 9	(2) 15	(2) 12	(2) 12	(2) 83	(2) 85	(2) 75	(2) 75	(2) 80
February	28.59	30.02	29.14	28.18	31.7	29.7	37.1	35.8	30.1	28.7	33.6	32.9	41.8	26.9	34.4	71	10	28	27	29	29	28	85	89	73	76	81
March	28.55	29.97	29.02	28.20	39.5	35.6	49.4	48.4	36.5	33.7	42.4	42.5	54.8	32.8	43.8	83	15	33	31	35	36	34	78	83	62	66	72
April	28.53	29.93	29.12	28.08	50.3	47.0	59.2	57.2	45.9	43.6	50.2	49.6	63.6	43.5	53.6	88	22	41	40	42	42	41	73	77	56	61	67
May	28.56	29.94	28.83	28.22	54.6	53.8	69.9	68.6	50.8	50.4	58.2	57.3	73.3	49.8	61.6	86	36	48	47	50	49	48	78	79	50	51	65
June	28.57	29.94	28.83	28.33	65.1	66.0	80.8	76.3	62.4	63.0	68.9	67.3	83.7	60.2	72.0	93	50	61	61	63	62	62	87	86	57	65	74
July	28.66	30.03	28.90	28.46	68.7	68.5	85.9	82.3	65.7	66.0	72.5	71.4	89.2	64.7	77.0	97	54	64	65	66	66	65	86	88	53	59	72
August	28.62	30.00	28.85	28.39	68.0	66.3	81.2	76.4	66.4	65.2	71.6	69.8	84.5	64.7	74.6	97	49	66	65	67	67	66	92	94	64	74	71
September	28.70	30.10	28.94	28.40	61.3	58.2	76.5	71.0	58.3	55.9	64.3	63.1	79.4	56.2	67.8	90	36	56	54	56	58	56	83	86	51	64	71
October	28.68	30.07	28.92	28.40	55.7	52.2	71.1	63.5	51.3	49.2	58.9	55.5	75.0	50.3	62.6	84	34	47	47	50	49	48	75	82	50	62	67
November	28.72	30.16	29.13	28.04	39.7	36.3	48.4	44.4	37.3	34.7	41.5	39.8	53.4	32.7	43.0	74	6	34	33	33	34	34	81	87	59	68	74
December	28.66	30.10	29.05	28.13	35.7	33.4	44.1	41.2	34.1	32.3	39.4	38.1	47.8	31.0	39.4	71	17	32	31	34	34	33	86	90	71	78	81
Year	28.64	30.04	29.15	27.94	48.7	46.6	60.4	57.0	46.0	44.5	51.7	50.4	64.3	43.3	53.8	97	−12	43	42	45	45	44	82	86	60	67	74

SYRACUSE, N. Y.

Airport [ϕ=43°04′ N.; λ=76°16′ W.] City [ϕ=43°03′ N.; λ=76°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) 29.34	(3) 30.03	(1 2) 29.87	(1 2) 28.78	(2) 14.4	(2) 12.0	(2) 20.8	(2) 16.1	(2) 13.6	(2) 11.2	(2) 19.1	(2) 15.1	(4) 23.0	(4) 11.4	(4) 17.2	(4) 46	(4) 0	(2) 11	(2) 9	(2) 14	(2) 13	(2) 12	(2) 86	(2) 88	(2) 75	(2) 85	(2) 84
February	29.33	30.01	29.86	28.58	20.9	17.8	28.1	24.7	20.1	17.1	25.6	23.3	31.0	17.7	24.4	45	4	18	15	20	21	19	89	88	71	83	83
March	29.28	29.96	29.83	28.83	23.6	22.2	31.0	26.8	22.5	21.4	28.2	25.3	33.4	21.1	27.2	54	5	20	19	23	22	21	85	89	71	81	82
April	29.31	29.97	29.79	28.85	36.0	35.4	48.6	41.7	34.0	35.5	40.8	37.7	50.1	33.9	42.0	77	24	31	32	31	32	32	84	77	55	71	72
May	29.27	29.92	29.54	28.90	51.6	53.5	64.6	60.1	48.9	50.5	55.2	53.1	67.0	49.7	58.4	87	34	46	48	47	47	47	83	82	56	63	71
June	29.25	29.88	29.59	28.75	59.7	63.8	72.6	68.0	56.6	59.1	62.7	60.9	74.9	57.3	66.1	89	43	54	56	56	56	56	83	78	59	67	71
July	29.40	30.04	29.75	29.11	63.5	67.7	78.8	72.9	60.6	63.5	67.1	65.5	80.5	62.1	71.3	94	48	59	61	61	61	60	86	80	55	68	72
August	29.47	30.10	29.76	28.95	62.8	64.5	77.2	70.0	58.8	60.5	65.0	62.9	78.4	60.3	69.4	90	43	56	58	58	58	58	80	80	52	68	70
September	29.41	30.05	29.80	28.79	54.8	55.3	69.0	59.4	52.7	53.0	58.5	55.9	71.0	48.9	60.0	85	35	51	51	51	53	52	88	86	54	81	77
October	29.43	30.09	29.77	28.97	43.4	41.7	56.0	47.2	40.8	39.5	47.3	43.4	58.5	36.1	47.3	80	18	38	37	39	39	38	82	84	54	75	74
November	29.42	30.08	29.92	28.93	38.4	37.0	42.3	38.5	35.7	34.6	37.5	36.0	46.0	32.5	39.2	71	14	32	31	31	33	32	81	81	67	80	77
December	29.42	30.09	29.99	28.61	29.2	28.8	34.3	30.2	27.7	27.4	31.5	28.5	38.7	21.9	30.3	61	−3	25	25	27	25	26	84	86	76	82	82
Year	29.36	30.02	29.99	28.58	41.5	41.9	51.9	46.3	39.3	39.4	44.9	42.3	54.4	37.7	46.1	94	−3	37	37	38	38	38	84	83	62	75	76

[1] Pressure at airport adjusted to the old (city) station elevation: Spokane, 1,929 feet; Springfield, Ill., 636 feet; Springfield, Mo., 1,324 feet; Syracuse, 596 feet

[2] Airport data. [3] Airport data beginning with August. [4] Airport data beginning with Aug. 17.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

SPOKANE, WASH.

Airport [H=1,955 ft.; H_b=1,968 ft.; H_t=27 ft.; H_r=25 ft.; H_a=42 ft.] City [H=1,879 ft.; H_b=1,929 ft.; H_t=101 ft.; H_r=94 ft.; H_a=110 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	1.09	0.34	6.2	8.0	6.8	NE.	23	NE.	0	4	4	23	10	8	10	5	0	7	2	1	1	12	0	0	23	0	0
February	5.62	1.13	10.9	8.7	6.4	S.	21	S.	0	1	5	23	18	17	13	8	0	12	1	0	0	2	0	0	17	0	0
March	2.91	.90	T	6.9	6.1	S.	18	S.	0	2	12	17	12	10	3	1	0	1	0	0	0	0	0	0	6	0	0
April	1.86	.46	T	7.3	7.4	S.	26	SW.	0	2	11	17	13	11	1	0	2	0	0	0	0	0	0	0	0	0	0
May	.64	.26	.0	4.3	6.6	S.	22	SW.	0	11	15	5	9	5	0	0	0	0	0	0	0	0	0	0	0	0	3
June	.36	.21	.0	3.7	6.8	S.	21	S.	0	14	11	5	3	2	0	0	0	0	0	0	0	0	7	1	0	0	3
July	1.46	1.20	.0	4.5	6.0	S.	20	S.	0	12	12	7	4	3	0	0	0	0	0	0	0	0	10	2	0	0	5
August	.01	.01	.0	1.7	5.6	S.	21	SW.	0	24	6	1	1	0	0	0	0	0	0	0	0	0	9	3	0	0	0
September	2.12	.94	.0	5.5	5.5	S.	22	S.	0	9	10	11	7	6	0	0	0	3	1	1	1	0	2	0	0	0	3
October	2.47	.73	.0	7.5	6.0	S.	21	S.	0	2	9	20	15	12	0	0	0	4	2	3	2	0	0	0	0	0	0
November	2.37	.53	7.9	7.4	5.1	NE.	19	S.	0	4	7	19	12	8	8	7	0	14	5	3	2	6	0	0	23	0	0
December	2.59	.85	1.0	7.3	5.5	N.	21	SW.	0	7	1	23	14	9	4	2	0	12	1	1	0	7	0	0	17	0	0
Year	23.50	1.20	26.0	6.1	6.2	S.	26	SW.	0	92	103	171	118	91	39	23	2	53	12	9	6	27	28	6	86	0	14

SPRINGFIELD, ILL.

Airport [H=602 ft.; H_b=613 ft.; H_t=0 ft.; H_r=3 ft.; H_a=57 ft.] City [H=598 ft.; H_b=636 ft.; H_t=5 ft.; H_r=3 ft.; H_a=191 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.21	0.46	8.2	6.6	11.2	W.	28	W.	0	9	4	18	10	6	18	8	0	1	1	1	0	26	0	0	31	9	0
February	.80	.28	1.6	8.2	11.7	N.	27	SE.	0	1	7	21	11	6	15	8	0	3	2	0	0	6	0	0	25	0	0
March	2.80	1.42	.1	8.0	12.0	W.	30	W.	0	2	8	21	10	7	8	3	1	4	1	0	0	3	0	0	20	0	4
April	3.68	1.05	1.4	7.5	12.7	NE.	34	S.	2	4	6	20	12	9	2	1	1	3	2	2	1	0	0	0	4	0	6
May	3.37	1.09	.2	7.3	11.2	N.	43	W.	1	5	7	19	15	12	1	1	0	2	0	0	0	0	1	0	0	0	8
June	1.53	.76	.0	6.6	10.4	S.	30	NW.	0	4	12	14	8	5	0	0	0	0	0	0	0	0	8	0	0	0	9
July	1.31	.86	.0	4.4	9.4	S.	26	N.	0	14	10	7	4	3	0	0	0	1	0	0	0	0	17	7	0	0	4
August	2.47	.84	.0	6.5	8.9	S.	24	N.	0	7	9	15	12	8	0	0	0	8	1	0	0	0	11	4	0	0	10
September	.38	.24	.0	3.9	9.3	S.	25	N.	0	16	8	6	2	2	0	0	0	3	1	1	0	0	7	1	0	0	0
October	1.14	.46	.0	4.3	10.7	S.	27	W.	0	17	3	11	9	5	0	0	0	6	2	1	0	0	0	0	0	0	3
November	2.46	1.16	T	6.1	12.3	S.	46	SW.	1	9	5	16	9	6	5	0	0	13	4	0	0	5	0	0	15	0	2
December	1.73	.81	1.5	7.3	10.8	N.	28	S.	0	6	6	19	9	6	6	1	0	14	6	4	2	1	0	0	15	0	0
Year	22.88	1.42	13.0	6.4	10.9	S.	46	SW.	4	94	85	187	111	75	55	22	2	58	20	9	3	41	44	12	110	9	46

SPRINGFIELD, MO.

Airport [H=1,357 ft.; H_b=1,360 ft.; H_t=5 ft.; H_r=4 ft.; H_a=60 ft.] City [H=1,300 ft.; H_b=1,324 ft.; H_t=5 ft.; H_r=3 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 of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
January	0.89	0.45	11.7	6.5	9.2	W.	27	W.	0	9	7	15	10	5	15	8	0	16	6	3	5	23	0	0	31	11	0
February	1.31	.44	7.9	7.4	9.9	NW.	21	S.	0	5	6	18	10	7	12	7	0	17	9	4	3	8	0	0	23	0	0
March	2.44	.86	5.5	6.7	10.3	SE.	26	SE.	0	7	7	17	9	5	5	3	1	13	7	2	0	1	0	0	15	0	6
April	4.90	1.07	T	6.7	10.9	SE.	32	NW.	2	8	3	19	13	10	1	1	1	8	0	0	1	0	0	0	3	0	7
May	2.16	1.15	.0	4.7	8.5	NW.	28	S.	0	14	10	7	5	4	0	0	0	3	0	0	0	0	0	0	0	0	8
June	2.51	1.06	.0	5.6	7.4	S.	24	SW.	0	10	9	11	8	7	0	0	0	6	0	0	0	0	3	0	0	0	5
July	3.77	3.22	.0	4.8	7.4	S.	21	W.	0	13	11	7	7	5	0	0	0	11	0	1	0	0	17	5	0	0	6
August	5.36	2.35	.0	6.5	8.2	S.	31	NE.	0	5	11	15	13	11	0	0	1	7	1	0	0	0	7	2	0	0	13
September	2.42	1.95	.0	4.5	8.1	SE.	30	N.	0	16	4	10	4	4	0	0	0	5	0	0	0	0	1	0	0	0	1
October	2.14	.64	.0	3.5	9.7	S.	27	SW.	0	20	3	8	7	6	0	0	0	8	4	2	1	0	0	0	0	0	3
November	3.07	1.02	.5	5.4	12.4	SE.	44	SW.	1	12	6	12	11	9	5	2	0	11	3	0	0	4	0	0	12	0	0
December	2.63	.93	.2	6.9	11.7	SE.	32	S.	2	8	5	18	12	8	3	1	0	15	5	3	2	2	0	0	17	0	0
Year	33.60	3.22	25.8	5.8	9.5	SE.	44	SW.	5	127	82	157	109	81	41	22	3	120	35	15	12	38	28	7	101	11	49

SYRACUSE, N. Y.

Airport [H=400 ft.; H_b=408 ft.; H_t=5 ft.; H_r=3 ft.; H_a=51 ft.] City [H=400 ft.; H_b=596 ft.; H_t=65 ft.; H_r=57 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 of maximum velocity	Wind: By self-register: Days, with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
January	1.72	0.24	32.2	7.9	7.5	SW.	21	SW.	0	3	6	22	22	18	26	21	0	16	2	2	2	27	0	0	31	0	0
February	5.22	2.35	34.3	7.5	7.4	NW.	21	N.	0	4	7	18	17	12	21	16	0	20	1	1	1	16	0	0	28	0	0
March	5.42	1.82	29.3	8.0	8.2	W.	21	NW.	0	3	6	22	22	18	23	16	0	18	4	4	4	13	0	0	28	0	1
April	3.98	1.02	5.3	6.5	8.7	NW.	24	W.	0	6	10	14	15	12	7	5	0	13	0	0	0	1	0	0	9	0	1
May	4.08	1.25	.0	7.3	7.1	E.	21	NW.	0	4	9	18	17	13	0	0	0	20	2	0	1	0	0	0	0	0	3
June	3.27	.93	.0	6.5	7.2	S.	22	NW.	0	4	13	13	15	10	0	0	1	13	2	0	0	0	0	0	0	0	7
July	2.32	1.01	.0	5.9	6.1	S.	25	NW.	0	6	16	9	10	8	0	0	0	15	1	0	0	0	2	0	0	0	3
August	1.23	.60	.0	6.1	7.1	S.	25	NW.	0	7	12	12	5	5	0	0	0	12	2	1	1	0	0	0	0	0	1
September	1.91	.95	.0	6.7	7.9	SW.	26	W.	0	5	12	13	7	5	0	0	0	23	6	5	3	0	0	0	0	0	2
October	1.89	.71	.3	6.9	8.4	SW.	31	S.	0	4	11	16	12	8	3	1	0	19	3	2	3	0	0	0	11	0	2
November	3.32	.52	12.9	8.9	12.0	SW.	35	W.	5	0	5	25	21	17	14	12	0	10	2	0	0	2	0	0	14	0	0
December	3.78	.89	8.6	8.5	9.1	SW.	34	SW.	3	3	3	25	19	11	18	11	0	15	5	3	3	7	0	0	26	2	0
Year	38.14	2.35	122.9	7.2	8.0	SW.	35	W.	8	49	110	207	182	137	112	82	1	194	30	18	18	66	2	0	147	2	20

[1] Airport data beginning with August.
[2] Airport data. [3] Airport data beginning with Aug. 17.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

TACOMA, WASH.

[ϕ=47°15′ N.; λ=122°26′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	29.80	30.01	30.22	29.29	----	----	44.3	47.3	----	----	39.9	42.0	49.3	38.5	43.9	62	30	----	----	34	35	----	----	----	68	64	----
February	29.70	29.92	30.22	29.16	----	----	45.9	48.2	----	----	42.8	44.3	50.3	41.0	45.6	60	32	----	----	39	40	----	----	----	78	75	----
March	29.79	30.00	30.26	29.02	----	----	50.1	53.8	----	----	45.8	46.9	56.0	42.3	49.2	65	34	----	----	41	40	----	----	----	72	60	----
April	29.84	30.05	30.12	29.56	----	----	54.6	58.0	----	----	48.2	49.4	60.9	45.0	53.0	80	38	----	----	42	41	----	----	----	63	55	----
May	29.84	30.04	30.13	29.39	----	----	60.7	65.6	----	----	52.4	54.0	67.3	50.2	58.8	77	43	----	----	45	44	----	----	----	57	46	----
June	29.88	30.08	30.07	29.59	----	----	64.4	70.3	----	----	54.4	56.2	72.1	52.8	62.4	82	46	----	----	46	44	----	----	----	53	41	----
July	29.85	30.05	30.12	29.55	----	----	65.9	71.7	----	----	57.6	59.5	73.8	55.6	64.7	87	48	----	----	52	50	----	----	----	60	49	----
August	29.87	30.07	30.08	29.64	----	----	66.6	72.0	----	----	59.2	60.5	73.9	56.2	65.0	87	52	----	----	54	52	----	----	----	66	52	----
September	29.78	29.98	30.04	29.54	----	----	62.8	67.9	----	----	57.9	59.6	69.8	55.2	62.5	80	45	----	----	55	54	----	----	----	75	63	----
October	29.77	29.98	30.04	29.31	----	----	56.8	59.6	----	----	53.2	54.1	61.9	49.6	55.8	75	37	----	----	50	50	----	----	----	80	71	----
November	29.92	30.13	30.27	29.28	----	----	43.0	47.0	----	----	40.6	43.2	48.7	37.8	43.2	57	27	----	----	38	39	----	----	----	82	74	----
December	29.72	29.94	30.23	28.79	----	----	43.9	47.2	----	----	41.2	43.4	49.6	39.6	44.6	64	23	----	----	38	38	----	----	----	80	73	----
Year	29.81	30.02	30.27	28.79	----	----	54.9	59.0	----	----	49.4	51.1	61.1	47.0	54.1	87	23	----	----	44	44	----	----	----	70	60	----

TAMPA, FLA.

Airport [ϕ=27°55′ N.; λ=82°27′ W.] City [ϕ=27°57′ N.; λ=82°27′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	(1)	(2)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)						(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
January	30.09	30.13	30.42	29.75	48.7	45.3	57.6	52.8	45.8	42.7	50.3	48.7	61.0	42.9	52.0	77	26	42	39	42	44	42	79	79	58	73	72
February	30.02	30.05	30.37	29.66	53.2	51.1	62.9	58.0	50.4	48.5	54.8	53.8	67.1	48.8	58.0	79	37	48	46	48	50	48	82	82	59	76	75
March	29.98	30.01	30.27	29.51	59.9	58.4	70.1	64.7	57.2	56.1	61.2	59.2	73.7	55.5	64.6	84	44	55	54	54	55	55	84	86	60	72	76
April	29.99	30.03	30.24	29.72	65.4	64.3	75.5	70.9	61.7	61.0	64.7	63.7	78.2	60.6	69.4	88	44	59	58	58	59	59	81	82	56	67	71
May	29.94	29.98	30.28	29.70	69.4	70.2	81.8	76.2	65.3	65.8	67.5	67.2	83.7	65.6	74.6	90	55	63	63	59	62	62	80	79	48	63	67
June	30.00	30.03	30.14	29.82	77.0	77.3	86.4	80.2	74.0	74.6	76.0	75.0	89.2	73.4	81.3	95	66	73	74	72	73	73	87	88	62	79	79
July	30.04	30.08	30.16	29.92	78.4	79.4	88.2	82.8	74.9	75.3	77.2	75.7	91.6	74.7	83.2	94	71	73	74	73	73	73	85	83	61	72	75
August	29.94	29.98	30.08	29.80	78.7	79.4	87.0	81.5	75.7	76.0	77.0	76.4	89.7	75.3	82.5	93	71	74	75	73	74	74	88	86	64	80	79
September	29.90	29.94	30.02	29.70	74.4	74.0	84.5	77.8	71.8	71.7	74.9	72.8	85.9	71.4	78.6	91	64	71	71	71	71	71	88	90	64	79	80
October	30.00	30.04	30.18	29.80	66.6	64.8	80.9	73.2	63.9	62.6	67.2	66.2	82.2	62.9	72.6	85	55	62	61	59	62	61	86	90	49	70	74
November	30.10	30.13	30.31	29.84	61.5	59.5	75.3	67.4	58.7	57.1	63.8	61.0	77.0	57.4	67.2	85	31	56	55	56	56	56	84	85	52	68	72
December	30.01	30.04	30.28	29.46	63.2	60.8	72.9	67.3	60.6	59.1	64.1	62.4	75.0	59.2	67.1	83	42	59	58	58	59	58	86	90	62	76	79
Year	30.00	30.04	30.42	29.46	66.4	65.4	76.9	71.1	63.3	62.5	66.6	65.2	79.5	62.3	70.9	95	26	61	61	60	62	61	84	85	58	73	75

TATOOSH ISLAND, WASH.

[ϕ=48°23′ N.; λ=124°44′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.85	29.95	30.29	29.25	46.1	45.7	45.9	46.7	42.7	42.4	42.5	43.1	48.9	42.9	45.9	61	33	38	38	38	39	38	76	77	76	74	76
February	29.74	29.83	30.36	29.14	46.4	45.5	46.1	47.3	43.8	43.4	43.7	43.8	49.4	43.1	46.2	56	34	41	41	41	40	40	82	85	83	76	82
March	29.88	29.98	30.40	29.09	46.9	46.5	48.3	49.2	44.7	44.1	45.7	46.2	51.0	44.4	47.7	56	39	42	42	43	43	42	84	83	82	80	83
April	29.95	30.06	30.27	29.57	49.6	48.9	51.2	51.9	47.4	46.6	47.8	48.2	54.2	47.4	50.8	66	44	45	44	44	44	45	85	85	78	77	81
May	29.96	30.06	30.26	29.49	52.3	50.6	53.8	55.4	49.6	48.9	50.5	51.7	57.4	49.1	53.2	66	46	47	47	47	48	48	84	89	80	78	83
June	30.03	30.13	30.24	29.63	53.7	51.8	55.2	56.7	51.5	50.4	52.6	53.3	58.9	50.7	54.8	79	48	50	49	50	50	50	88	91	85	80	86
July	29.98	30.07	30.29	29.66	55.2	54.2	56.0	57.2	54.0	53.2	54.4	55.1	59.4	52.7	56.0	63	49	53	52	53	53	53	93	94	90	88	91
August	29.99	30.08	30.22	29.73	56.8	55.2	57.9	59.2	55.4	54.1	55.5	56.5	61.8	53.4	57.6	75	50	54	53	54	54	54	92	94	88	85	90
September	29.89	29.98	30.15	29.62	57.6	55.5	57.6	59.0	55.6	54.2	55.6	56.8	62.0	53.2	57.6	66	47	54	53	54	55	54	89	92	88	83	88
October	29.85	29.94	30.18	29.25	54.8	54.1	55.1	57.0	52.7	52.2	52.8	54.0	59.6	51.7	55.6	65	47	51	50	51	52	51	88	88	86	82	86
November	29.99	30.09	30.36	29.04	45.8	45.2	46.3	47.0	43.2	43.0	43.5	43.6	49.2	42.9	46.0	54	35	40	40	40	40	40	82	84	80	76	81
December	29.77	29.86	30.37	28.82	47.3	46.5	46.7	47.4	44.6	43.6	43.6	44.2	50.0	43.3	46.6	57	35	41	40	40	40	40	81	79	78	78	79
Year	29.91	30.00	30.40	28.82	51.0	50.0	51.7	52.9	48.8	48.0	49.0	49.7	55.2	47.9	51.5	79	33	46	46	46	46	46	85	87	83	80	84

TERRE HAUTE, IND.

[ϕ=39°29′ N.; λ=87°24′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.52	30.17	29.89	28.50	----	13.4	20.5	19.9	----	12.8	18.6	18.3	24.7	9.0	16.8	46	−12	----	11	14	14	13	----	89	72	77	79
February	29.39	30.03	29.94	28.96	----	30.6	36.9	35.5	----	28.8	32.9	32.2	39.1	27.7	33.4	49	11	----	26	26	27	27	----	82	67	70	73
March	29.36	29.99	29.92	28.98	----	34.8	44.4	43.5	----	32.1	37.3	36.9	48.4	32.6	40.5	77	15	----	28	27	27	27	----	74	52	54	60
April	29.33	29.96	29.78	28.80	----	45.3	56.3	55.7	----	41.2	46.8	46.9	60.6	41.4	51.0	83	22	----	36	36	38	37	----	72	52	54	59
May	29.29	29.90	29.61	28.80	----	54.3	66.4	64.1	----	50.0	54.8	54.8	69.6	51.0	60.3	88	35	----	46	46	48	46	----	75	51	58	61
June	29.32	29.93	29.65	28.95	----	68.0	80.8	79.4	----	62.8	66.6	66.7	84.5	64.5	74.5	95	48	----	60	58	59	59	----	75	48	52	58
July	29.45	30.05	29.73	29.17	----	70.5	84.9	84.8	----	64.8	68.3	68.6	88.7	66.7	77.7	100	52	----	62	59	60	60	----	74	43	44	54
August	29.39	30.00	29.62	29.18	----	69.1	84.0	82.0	----	63.8	67.8	67.4	87.6	67.2	77.4	99	51	----	61	59	60	60	----	76	45	48	56
September	29.48	30.09	29.78	28.99	----	57.1	76.1	72.5	----	53.5	60.2	59.9	79.3	55.7	67.5	97	39	----	51	48	51	50	----	79	39	48	56
October	29.46	30.08	29.73	29.10	----	47.3	72.3	61.1	----	45.8	58.2	54.3	73.4	49.4	61.4	86	38	----	44	48	49	47	----	90	42	65	66
November	29.53	30.17	29.90	28.74	----	35.2	47.9	41.3	----	33.5	41.4	37.5	50.3	33.9	42.1	76	14	----	31	33	32	32	----	85	59	70	71
December	29.49	30.12	29.96	28.92	----	32.9	41.0	37.4	----	31.8	37.5	35.1	44.8	30.8	37.8	61	4	----	30	33	32	32	----	90	73	81	81
Year	29.42	30.04	29.96	28.50	----	46.5	59.3	56.4	----	43.4	49.2	48.2	62.6	44.2	53.4	100	−12	----	40	41	41	41	----	80	54	60	64

[1] Pressure at airport adjusted to the old (city) station elevation of 35 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

TACOMA, WASH.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	2.16	0.81	0.6	8.5	7.1	N.	34	S.	1	1	5	25	16	9	3	3	0	9	3	2	2	0	0	0	5	0	0
February	7.27	2.09	.0	8.6	9.1	S.	29	SW.	0	2	3	24	21	20	0	0	0	6	4	3	1	0	0	0	1	0	0
March	4.44	1.16	.0	7.8	8.2	S.	36	S.	2	4	5	22	18	13	0	0	0	10	5	3	4	0	0	0	0	0	0
April	3.46	1.08	.0	7.6	8.3	SW.	32	SW.	1	2	7	21	12	11	0	0	0	2	0	0	0	0	0	0	0	0	0
May	1.69	.96	.0	6.0	8.4	N.	28	W.	0	6	10	15	8	5	0	0	0	1	0	0	0	0	0	0	0	0	0
June	.21	.15	.0	4.5	8.3	N.	21	SW.	0	10	14	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
July	1.11	.86	.0	6.5	8.0	SW.	22	W.	0	6	9	16	4	3	0	0	0	1	1	1	0	0	0	0	0	0	0
August	.47	.37	.0	5.0	7.5	N.	22	SW.	0	13	7	11	3	2	0	0	0	4	3	0	0	0	0	0	0	0	0
September	2.21	.87	.0	7.1	5.9	N.	27	W.	0	5	7	18	7	7	0	0	0	12	3	3	2	0	0	0	0	0	5
October	5.10	.90	.0	8.4	6.3	S.	24	S.	0	1	8	22	19	17	0	0	1	8	6	2	3	0	0	0	0	0	1
November	4.28	1.02	T	8.3	6.5	SW.	31	SW.	0	0	10	20	17	12	2	0	0	14	12	7	8	0	0	0	4	0	0
December	3.80	.94	.0	7.4	7.2	S.	52	S.	2	6	4	21	19	17	0	0	0	10	8	11	4	0	0	0	6	0	1
Year	36.20	2.09	.6	7.1	7.6	N.	52	S.	6	56	89	221	146	118	5	3	1	77	45	32	24	0	0	0	16	0	7

TAMPA, FLA.

Airport [H=6 ft.; H_b=11 ft.; H_t=5 ft.; H_r=3 ft.; H_a=61 ft.] City [H=23 ft.; H_b=35 ft.; H_t=88 ft.; H_r=81 ft.; H_a=197 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	3.20	1.39	T	4.7	11.3	N.	37	NW.	3	12	13	6	9	6	1	0	0	7	2	1	2	0	0	0	5	0	2
February	4.69	1.89	0.0	4.1	12.8	NW.	37	SE.	1	13	11	5	9	6	0	0	0	1	1	1	1	0	0	0	0	0	3
March	2.04	.65	.0	4.7	11.1	S.	38	NW.	2	12	11	8	10	8	0	0	0	9	2	1	1	0	0	0	0	0	2
April	3.27	2.26	.0	3.0	11.4	W.	35	SE.	2	16	13	1	3	3	0	0	0	4	1	1	1	0	0	0	0	0	2
May	.31	.22	.0	3.1	10.2	W.	24	NW.	0	21	8	2	3	2	0	0	0	0	0	0	0	0	1	0	0	0	2
June	8.17	1.62	.0	5.5	9.0	SE.	38	S.	3	7	17	6	15	13	0	0	0	3	2	1	1	0	13	1	0	0	14
July	4.63	1.44	.0	4.3	8.6	SE.	35	SE.	1	8	22	1	12	11	0	0	0	1	0	0	0	0	27	0	0	0	14
August	9.34	1.81	.0	4.7	9.0	W.	34	E.	2	8	17	6	20	17	0	0	0	1	0	0	0	0	23	0	0	0	17
September	4.04	1.49	.0	5.5	11.1	NE.	29	E.	0	9	14	7	14	11	0	0	0	0	0	0	0	0	2	0	0	0	8
October	.02	.02	.0	2.2	10.5	NE.	25	E.	0	21	10	0	1	0	0	0	0	5	2	1	0	0	0	0	0	0	0
November	.15	.13	.0	4.3	11.9	E.	27	E.	0	11	14	5	2	1	0	0	0	1	0	0	0	0	0	0	1	0	0
December	3.12	1.54	.0	6.0	11.9	E.	34	S.	1	8	10	13	10	8	0	0	0	5	3	3	2	0	0	0	0	0	1
Year	42.98	2.26	T	4.3	10.7	E.	38	S.	15	146	160	60	108	86	1	0	0	37	13	9	8	0	66	1	6	0	65

TATOOSH ISLAND, WASH.

[H=99 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: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	8.46	1.89	0.3	8.1	26.6	E.	61	E.	23	5	3	23	18	16	2	2	1	3	0	0	0	0	0	0	0	0	0
February	13.08	1.96	T	7.6	18.6	E.	49	E.	16	4	5	20	26	24	2	2	3	5	0	0	0	0	0	0	0	0	0
March	8.68	1.54	.0	7.5	13.3	E.	43	S.	7	7	2	22	22	19	0	0	1	2	0	0	0	0	0	0	0	0	0
April	4.29	1.86	.0	7.5	13.4	W.	45	S.	8	1	14	15	20	18	0	0	1	0	0	0	0	0	0	0	0	0	0
May	3.62	.85	.0	6.3	12.0	W.	43	S.	5	5	15	11	14	10	0	0	0	8	6	6	2	0	0	0	0	0	0
June	.49	.38	.0	5.1	9.9	SW.	38	S.	1	10	14	6	5	3	0	0	0	8	7	8	4	0	0	0	0	0	0
July	2.58	.85	.0	8.0	9.5	S.	28	S.	0	3	8	20	14	10	0	0	0	16	14	12	5	0	0	0	0	0	1
August	1.87	.58	.0	5.7	10.7	S.	33	E.	2	10	10	11	12	8	0	0	0	14	11	17	3	0	0	0	0	0	2
September	2.41	1.07	.0	6.7	9.4	E.	37	S.	2	6	9	15	10	5	0	0	0	13	13	15	5	0	0	0	0	0	3
October	11.86	3.12	.0	7.6	15.4	E.	51	S.	10	3	8	20	22	18	0	0	0	6	2	4	1	0	0	0	0	0	0
November	6.70	1.10	T	7.2	17.0	E.	62	SW.	12	5	8	17	21	19	1	1	0	0	0	0	0	0	0	0	0	0	1
December	14.10	3.66	T	7.2	19.7	E.	78	S.	19	8	2	21	23	22	1	1	4	0	0	0	0	0	0	0	0	0	3
Year	78.14	3.66	.3	7.0	14.6	E.	78	S.	105	67	98	201	207	172	6	6	10	75	53	62	20	0	0	0	0	0	10

TERRE HAUTE, IND.

[H=503 ft.; H_b=575 ft.; H_t=4 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: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.87	1.12	9.0	6.2	9.4	SW.	37	SW.	1	11	4	16	12	6	18	10	0	1	1	1	1	25	0	0	30	9	0
February	1.75	.60	7.7	8.7	10.3	WN.	26	NW.	0	1	6	22	16	9	14	6	0	6	2	1	1	4	0	0	20	0	0
March	1.86	.86	.6	7.5	10.3	NW.	31	SW.	0	3	8	20	12	7	9	3	1	3	0	0	0	3	0	0	17	0	4
April	6.41	1.88	4.1	8.0	11.5	SE.	32	NE.	2	1	8	21	12	10	2	1	0	1	0	0	0	1	0	0	5	0	6
May	3.62	1.08	T	7.4	9.7	SW.	30	NW.	0	1	14	16	15	12	1	0	1	3	2	2	0	0	0	0	0	0	8
June	2.99	1.00	.0	5.3	8.8	SW.	28	SW.	0	8	16	6	12	10	0	0	1	1	0	0	0	0	2	0	0	0	11
July	2.25	1.13	.0	4.2	7.7	SW.	26	SW.	0	14	13	4	7	6	0	0	0	0	0	0	0	0	16	7	0	0	7
August	2.72	1.42	.0	5.5	7.5	E.	23	NW.	0	6	15	10	7	6	0	0	0	2	0	0	0	0	15	7	0	0	5
September	.96	.57	.0	3.4	7.1	NE.	27	NE.	0	19	8	3	3	3	0	0	0	5	0	0	0	0	4	1	0	0	3
October	2.07	.89	.0	3.9	8.3	SW.	28	SW.	0	16	8	7	8	6	0	0	0	3	0	0	0	0	0	0	0	0	3
November	3.57	1.08	T	6.8	11.0	NW.	47	SW.	1	7	8	15	10	9	4	0	0	4	0	0	0	3	0	0	13	0	0
December	2.89	1.43	T	7.9	10.3	NW.	31	SW.	0	3	9	19	10	6	3	0	0	13	5	4	1	1	0	0	15	0	0
Year	32.96	1.88	21.4	6.2	9.3	SW.	47	SW.	4	90	117	159	124	90	51	20	3	42	10	8	3	37	37	15	100	9	47

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

TOLEDO, OHIO

Airport [ϕ=41°34′ N.; λ=83°28′ W.] City [ϕ=41°39′ N.; λ=83°32′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Temperature (° F.): 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. (1)	In. (1)	° (1)	° (1)	° (1)	° (1)	° (1)	° (1)	° (1)	° (1)	°	°	°	°	°	° (1)	° (1)	° (1)	° (1)	° (1)	% (1)	% (1)	% (1)	% (1)	% (1)
January	29.38	30.10	29.83	28.46	15.8	13.2	20.0	17.4	12.9	12.4	18.2	16.1	23.2	11.5	17.4	48	−13	10	10	13	12	11	82	84	74	78	80
February	29.34	30.04	29.81	28.79	25.7	23.9	30.4	29.2	24.6	22.8	28.1	27.5	32.8	22.9	27.8	43	9	22	21	24	24	23	86	86	76	81	82
March	29.29	30.00	29.76	28.88	27.8	26.7	33.9	31.4	26.2	25.5	30.6	29.0	35.5	24.9	30.2	67	10	23	23	25	25	24	82	85	70	75	78
April	29.30	30.00	29.78	28.82	37.8	37.6	49.1	45.9	35.4	35.0	41.9	40.7	52.2	35.9	44.0	75	18	32	32	33	34	33	80	79	56	65	70
May	29.21	29.89	29.55	28.68	50.9	52.0	62.3	58.6	48.0	48.9	53.9	52.2	65.3	48.6	57.0	86	33	46	46	47	47	46	83	82	61	68	73
June	29.24	29.91	29.60	28.74	62.2	64.9	75.5	72.1	59.5	62.0	66.1	65.0	79.1	61.3	70.2	89	48	58	60	61	61	60	86	85	62	69	75
July	29.40	30.08	29.68	29.05	65.5	67.5	82.4	77.5	62.6	64.0	68.7	67.7	83.8	64.5	74.2	98	50	61	62	62	63	62	86	83	50	61	70
August	29.38	30.05	29.64	29.03	65.3	66.1	78.7	72.7	62.5	62.8	67.7	66.1	79.2	63.4	71.3	92	49	61	61	62	62	61	86	84	58	72	78
September	29.42	30.10	29.74	28.93	54.8	53.9	71.1	63.1	53.0	52.4	61.9	58.1	73.1	54.2	63.6	91	37	52	51	54	55	53	90	91	56	75	75
October	29.40	30.10	29.63	29.00	47.3	45.4	61.5	53.3	45.0	43.5	52.0	49.0	62.8	46.1	54.4	84	35	43	42	44	45	44	85	87	54	75	77
November	29.42	30.12	29.77	28.68	35.2	33.7	42.8	37.5	32.9	32.1	38.4	34.6	45.6	31.9	38.8	67	19	30	30	32	31	31	81	84	67	77	75
December	29.40	30.10	29.93	28.67	31.9	31.3	36.3	32.8	30.2	29.8	33.6	31.1	39.5	28.4	34.0	57	10	28	28	30	29	28	84	84	76	81	82
Year	29.35	30.04	29.93	28.46	43.2	43.0	53.8	49.3	41.1	40.9	46.7	44.8	56.0	41.1	48.6	98	−13	39	39	41	41	40	84	84	63	73	76

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.	Maximum	Minimum	Monthly	Temperature (° F.): 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	29.17	30.29	29.58	28.50	12.1	9.4	17.1	17.2	10.8	8.4	14.6	15.4	22.0	5.6	13.8	39	−11	6	4	6	10	6	72	76	59	69	69
February	28.96	30.05	29.56	28.44	30.6	27.8	35.1	35.0	28.8	26.4	31.6	32.1	39.0	24.7	31.8	67	10	25	24	26	28	26	80	83	69	74	77
March	28.90	29.96	29.36	28.25	39.0	36.0	47.1	48.6	35.4	33.3	39.8	40.9	52.7	33.7	43.2	86	19	30	29	31	32	31	72	76	58	57	66
April	28.87	29.93	29.53	28.49	51.1	46.1	58.2	59.6	45.0	42.0	48.4	49.0	64.7	43.9	54.3	91	21	38	37	39	38	38	64	73	52	50	60
May	28.89	29.93	29.21	28.62	59.3	55.8	70.4	72.1	53.0	50.7	57.0	58.0	76.0	52.9	64.4	97	38	48	46	46	47	47	67	71	45	43	56
June	28.86	29.88	29.20	28.52	70.1	67.4	81.4	82.0	63.9	62.3	67.3	67.9	86.9	63.6	75.1	103	54	60	59	59	60	60	72	76	51	51	62
July	28.94	29.97	29.22	28.63	76.3	72.2	90.4	91.4	67.6	66.2	71.0	70.8	95.6	69.5	82.0	107	55	63	63	63	60	62	64	73	41	37	54
August	28.94	29.97	29.25	28.69	71.7	68.1	78.5	81.0	66.5	64.8	69.5	69.0	86.6	66.3	76.4	104	53	64	63	63	63	63	77	85	56	57	69
September	29.03	30.07	29.35	28.75	65.4	60.8	78.5	75.2	59.9	57.6	64.3	63.7	81.3	59.0	70.1	98	38	56	55	55	56	56	72	83	47	54	64
October	28.96	30.08	29.35	28.60	60.3	55.8	73.0	70.3	53.5	51.5	59.3	57.8	77.9	52.6	65.1	92	39	47	48	49	48	48	63	76	47	48	58
November	29.07	30.19	29.62	28.38	38.1	34.6	44.6	43.3	35.4	32.5	39.0	38.2	49.6	30.6	40.4	77	6	31	30	32	32	31	76	83	62	65	72
December	29.02	30.17	29.51	28.45	33.1	31.8	39.7	38.1	31.6	30.4	35.5	34.5	43.7	28.7	36.1	66	8	28	28	30	30	29	81	86	70	72	77
Year	28.97	30.07	29.62	28.25	50.7	47.2	59.5	59.5	46.0	43.8	49.8	49.8	64.7	44.3	54.1	107	−11	41	40	42	42	41	72	78	55	56	65

TRENTON, N. J.

[ϕ=40°13′ N.; λ=74°46′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Temperature (° F.): 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	29.83	30.05	30.32	29.32	21.2	19.4	27.5	26.0	19.1	17.4	23.4	22.8	30.3	16.8	23.6	55	3	13	11	13	14	13	68	69	52	59	62
February	29.73	29.94	30.21	28.69	30.5	29.5	36.3	34.5	26.2	27.0	31.8	30.9	39.6	25.8	32.7	59	13	24	22	23	25	23	74	71	59	66	68
March	29.75	29.96	30.29	29.15	32.5	31.0	39.7	37.0	29.3	28.3	34.1	33.1	42.3	28.7	35.5	64	15	23	22	23	26	23	66	68	54	64	63
April	29.75	29.96	30.16	29.21	42.1	43.1	52.2	48.7	38.9	38.9	43.9	42.4	54.9	38.1	46.5	74	25	35	33	33	34	34	75	68	52	60	64
May	29.71	29.91	30.01	29.28	55.9	56.3	66.6	62.7	51.9	51.9	56.6	55.7	69.6	52.4	61.0	88	41	48	48	48	49	48	76	75	56	67	68
June	29.72	29.92	30.08	29.34	64.4	64.6	77.0	72.3	60.3	59.8	64.0	63.0	79.3	60.1	69.7	92	49	57	56	56	57	56	79	76	50	61	66
July	29.84	30.04	30.16	29.58	68.5	70.1	82.9	77.7	65.0	65.7	68.7	67.5	85.7	65.4	75.6	98	54	63	63	61	62	62	83	79	49	59	68
August	29.91	30.11	30.21	29.43	65.3	66.1	76.6	71.0	62.6	63.2	66.1	64.8	78.5	62.2	70.4	92	48	61	61	60	61	61	86	85	59	72	76
September	29.84	30.04	30.15	29.30	59.7	59.3	71.9	66.9	56.7	55.8	60.0	59.5	74.3	55.5	64.9	90	40	54	53	51	54	53	83	80	50	65	69
October	29.88	30.09	30.29	29.54	47.8	46.1	58.9	53.0	44.4	43.0	49.2	47.0	60.5	43.2	51.8	79	27	40	39	39	40	40	76	76	49	64	66
November	29.91	30.12	30.47	29.45	42.4	41.4	48.2	45.7	39.4	38.4	41.8	40.8	50.8	37.8	44.3	71	23	36	34	34	34	34	76	76	58	66	69
December	29.92	30.13	30.43	29.13	36.6	35.3	42.9	39.5	33.8	32.6	37.5	35.6	45.5	31.1	38.3	62	12	29	27	29	29	29	73	73	58	66	68
Year	29.82	30.02	30.47	28.69	47.2	46.8	56.7	52.9	44.1	43.5	48.1	46.9	59.3	43.1	51.2	98	3	40	39	39	40	40	76	75	54	64	67

VALENTINE, NEBR.

[ϕ=42°50′ N.; λ=100°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	Temperature (° F.): Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	27.39	30.25	27.81	26.92	7.4	7.4	14.5	14.1	7.0	6.8	12.9	13.0	20.4	0.1	10.2	41	−19	3	5	8	10	6	80	88	75	81	81
February	27.25	30.06	27.83	26.71	22.1	21.3	29.7	29.2	21.2	20.4	26.8	26.7	35.0	15.8	25.4	62	−4	20	19	22	23	21	89	90	75	77	83
March	27.22	30.00	27.53	26.80	30.6	28.4	37.0	37.4	28.0	27.4	32.8	33.1	42.2	25.5	33.8	70	9	24	26	28	28	26	77	90	70	71	77
April	27.24	29.98	27.87	26.71	41.1	36.6	47.4	49.4	37.8	34.6	40.4	41.6	53.5	34.2	43.8	83	13	34	32	33	33	33	76	84	60	58	69
May	27.28	29.97	27.59	26.94	52.6	47.2	66.6	67.7	45.4	43.0	51.1	51.7	71.6	43.4	57.5	93	28	38	39	37	37	38	60	74	36	36	51
June	27.22	29.89	27.58	26.94	63.9	58.7	76.8	78.4	55.7	54.1	59.8	60.0	82.4	55.1	68.8	103	44	50	51	48	47	49	62	76	41	38	54
July	27.28	29.93	27.58	26.96	74.5	68.2	86.3	88.4	62.6	61.4	66.0	66.5	91.9	66.3	79.1	108	52	55	57	55	54	55	53	70	36	34	48
August	27.31	29.98	27.66	27.03	66.4	60.3	79.8	80.3	59.5	56.9	63.7	63.6	85.4	58.8	72.1	99	45	55	55	54	54	54	69	82	43	43	59
September	27.32	30.00	27.67	27.04	64.0	57.3	76.5	76.9	56.4	54.2	60.7	60.1	82.1	55.2	68.6	100	30	51	52	50	49	50	64	83	44	41	58
October	27.26	29.98	27.70	26.81	49.5	44.5	65.5	63.7	43.8	41.0	51.2	50.7	71.3	41.3	56.3	87	31	38	37	38	39	38	66	76	40	43	56
November	27.34	30.15	27.80	26.96	27.2	23.9	35.7	33.1	25.3	22.5	30.4	29.2	41.2	19.7	30.4	68	−16	22	20	23	24	22	82	84	64	71	75
December	27.27	30.07	27.81	26.72	27.2	25.2	34.7	32.0	25.2	23.5	30.0	28.5	40.7	20.4	30.6	66	−5	22	21	24	24	23	82	84	65	72	76
Year	27.28	30.02	27.87	26.71	43.9	39.9	54.2	54.2	39.0	37.2	43.8	43.7	59.8	36.3	48.0	108	−19	34	34	35	35	35	72	82	54	55	66

(1) Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

TOLEDO, OHIO

Airport [H=621 ft.; H_b=628 ft.; H_f=5 ft.; H_r=3 ft.; H_a=41 ft.] City [H=589 ft.; H_b=628 ft.; H_f=79 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	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	98° or above	32° or below	0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	1.26	0.60	7.2	7.9	11.4	W.	31	SE.	0	3	7	21	16	6	23	15	0	7	2	1	1	27	0	0	31	3	0
February	1.73	.62	9.6	7.1	10.4	W.	28	W.	0	7	3	19	14	10	17	11	0	8	5	3	1	11	0	0	29	0	0
March	2.23	.70	9.4	6.7	11.2	NW.	28	E.	0	6	9	16	12	9	14	7	0	9	3	1	0	10	0	0	28	0	2
April	3.17	1.24	3.1	6.1	10.7	E.	28	NE.	0	7	10	13	11	9	3	2	0	5	2	2	0	1	0	0	6	0	2
May	3.73	1.04	T	6.1	10.2	W.	30	W.	0	6	14	11	15	10	2	2	0	2	1	1	0	0	0	0	0	0	6
June	3.41	.67	.0	4.3	9.6	W.	35	W.	1	12	15	3	15	13	0	0	2	2	0	0	0	0	0	0	0	0	13
July	3.20	.97	.0	2.6	8.4	W.	30	NW.	1	19	11	1	7	6	0	0	1	0	0	0	0	0	10	3	0	0	6
August	3.66	1.41	.0	4.2	8.2	E.	27	S.	0	18	9	4	12	9	0	0	0	3	2	1	1	0	4	0	0	0	5
September	1.17	.93	.0	3.9	7.7	W.	24	N.	0	15	10	5	5	2	0	0	0	5	1	1	1	0	1	0	0	0	4
October	1.65	.91	.0	4.5	8.3	N.	27	NW.	0	13	11	7	9	8	0	0	0	6	1	1	1	0	0	0	0	0	2
November	2.37	.67	10.2	6.6	11.3	W.	38	W.	1	7	7	16	14	8	7	6	0	6	2	1	0	4	0	0	15	0	0
December	3.55	1.61	6.7	7.8	10.0	W.	29	W.	0	6	3	22	13	8	9	7	0	8	3	1	0	6	0	0	22	0	0
Year	31.16	1.61	46.2	5.6	9.8	W.	39	NW.	3	119	109	138	143	98	75	50	3	61	22	13	5	59	15	3	131	3	40

TOPEKA, KANS.

[H=926 ft.; H_b=987 ft.; H_f=65 ft.; H_r=61 ft.; H_a=87 ft.]

January	1.32	0.66	14.7	5.1	8.8	NW.	25	NW.	0	11	10	10	9	4	12	7	0	4	1	1	0	25	0	0	31	10	0
February	1.00	.38	3.2	7.0	10.1	N.	23	S.	0	4	10	15	5	5	10	3	0	7	0	0	0	5	0	0	24	0	0
March	1.38	.92	.5	7.2	11.1	NE.	36	S.	1	5	7	19	7	6	6	1	0	7	0	0	0	2	0	0	12	0	3
April	3.58	.95	.6	7.1	11.2	N.	30	S.	0	4	10	16	11	8	1	1	1	1	1	0	0	0	1	0	2	0	5
May	4.01	2.26	.0	5.4	9.2	NW.	28	NW.	0	9	14	8	4	4	0	0	0	1	0	0	0	0	2	1	0	0	5
June	2.76	.96	.0	7.1	8.8	S.	27	NW.	0	4	12	14	8	5	0	0	0	3	0	0	0	0	13	3	0	0	5
July	.08	.08	.0	4.0	9.5	S.	23	NE.	0	11	15	5	1	1	0	0	0	0	0	0	0	0	24	19	0	0	4
August	6.40	2.42	.0	6.5	7.6	S.	28	SW.	0	6	9	16	15	14	0	0	0	5	1	0	0	0	8	4	0	0	9
September	1.20	.94	.0	5.7	7.8	S.	23	N.	0	8	11	11	8	3	0	0	0	4	0	0	0	0	5	1	0	0	3
October	2.09	1.07	.0	4.5	8.4	S.	25	S.	0	14	8	9	7	4	0	0	1	1	1	1	0	0	2	0	0	0	7
November	3.34	1.05	1.0	6.0	9.8	S.	29	NW.	0	8	10	12	12	10	4	3	0	1	0	0	0	3	0	0	16	0	0
December	1.31	.91	5.4	6.7	8.7	W.	22	NW.	0	9	4	18	11	6	8	7	0	7	1	0	0	5	0	0	16	0	0
Year	28.47	2.42	25.4	6.0	9.2	S.	36	S.	1	93	120	153	98	70	41	22	2	41	5	2	0	40	55	28	101	10	41

TRENTON, N. J.

[H=56 ft.; H_b=190 ft.; H_f=88 ft.; H_r=83 ft.; H_a=107 ft.]

January	1.52	1.12	4.4	5.6	9.7	W.	26	NW.	0	10	11	10	8	5	8	5	0	5	2	2	2	24	0	0	29	0	0
February	2.94	1.29	11.4	6.4	10.2	NW.	28	NW.	0	8	7	14	13	9	9	5	0	12	5	4	3	2	0	0	23	0	0
March	4.72	1.65	3.8	6.9	11.0	NW.	34	NW.	1	3	13	15	13	11	9	4	1	10	3	2	2	3	0	0	24	0	2
April	5.24	1.93	2.5	7.1	9.9	NW.	29	NE.	0	4	10	16	12	9	4	3	0	7	3	2	1	0	0	0	4	0	2
May	5.93	1.69	.6	7.7	9.1	S.	26	S.	0	2	10	19	16	13	0	0	0	12	4	2	2	0	0	0	0	0	5
June	1.90	.91	.0	6.5	8.3	S.	27	NW.	0	4	13	13	9	9	0	0	0	12	3	3	2	0	2	0	0	0	5
July	1.14	.51	.0	6.4	7.3	S.	27	W.	0	5	12	14	8	6	0	0	0	10	4	3	2	0	12	5	0	0	8
August	5.54	1.79	.0	7.0	8.0	S.	20	N.	0	5	9	17	14	11	0	0	0	18	3	3	3	0	1	0	0	0	3
September	6.17	3.84	.0	4.9	6.7	N.	24	N.	0	14	7	9	6	4	0	0	0	13	3	2	1	0	1	0	0	0	5
October	2.15	.80	.5	5.4	7.9	N.	25	N.	0	11	10	10	8	5	2	2	0	11	3	3	3	0	0	0	4	0	0
November	3.96	1.02	T	7.3	9.3	S.	26	NW.	0	3	7	20	11	10	7	0	0	7	0	0	0	0	0	0	7	0	0
December	3.02	1.33	3.9	6.6	8.3	N.	26	NW.	0	4	12	15	9	7	4	1	0	11	6	2	2	0	0	0	17	0	0
Year	44.23	3.84	26.5	6.5	8.8	N.	34	NW.	1	73	121	172	127	99	43	20	1	128	39	28	23	29	16	5	108	0	30

VALENTINE, NEBR.

[H=2,581 ft.; H_b=2,599 ft.; H_f=46 ft.; H_r=36 ft.; H_a=54 ft.]

January	0.49	0.24	4.9	5.9	8.7	W.	27	NW.	0	8	11	12	9	3	19	9	0	5	0	2	0	23	0	0	31	15	0
February	.46	.17	4.6	7.2	8.5	NW.	22	NW.	0	3	11	15	12	4	17	12	0	7	1	3	1	15	0	0	28	2	0
March	1.72	.95	10.2	7.9	9.5	E.	23	NW.	0	4	6	21	15	8	18	11	1	3	0	0	1	7	0	0	27	0	3
April	3.29	1.10	3.6	7.1	11.4	NW.	32	NW.	1	5	9	16	11	7	6	2	1	5	3	0	1	1	0	0	10	0	2
May	.21	.11	.0	4.7	9.2	N.	35	NW.	2	12	12	7	2	2	0	0	0	0	0	0	0	0	1	0	2	0	4
June	1.88	.82	.0	4.0	10.2	E.	33	NW.	2	15	10	5	8	6	0	0	2	0	0	0	0	0	9	3	0	0	10
July	2.51	1.16	.0	4.7	10.4	E.	29	NE.	0	8	18	5	7	4	0	0	1	0	0	1	0	0	19	14	0	0	12
August	.94	.44	.0	3.9	7.9	S.	31	NW.	0	15	12	4	7	4	0	0	1	4	1	1	1	0	10	5	0	0	10
September	1.22	.95	.0	5.5	8.7	S.	30	SW.	0	8	11	11	7	4	0	0	0	5	2	0	1	0	9	5	1	0	3
October	.62	.38	.0	4.0	8.7	W.	30	NW.	0	14	13	4	4	3	0	0	1	2	1	1	0	0	0	0	1	0	1
November	1.09	.85	9.0	5.9	8.7	W.	29	NW.	0	10	6	14	7	3	9	6	0	1	1	3	0	7	0	0	27	3	0
December	1.00	.41	6.6	5.5	8.2	W.	33	NW.	1	13	7	11	8	8	8	8	0	1	0	0	2	7	0	0	30	4	0
Year	15.43	1.16	38.9	5.5	9.2	W.	35	NW.	6	115	126	125	97	56	77	48	7	33	9	11	7	60	48	27	157	24	45

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

VICKSBURG, MISS.

[ϕ=32°22′ N.; λ=90°53′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	29.95	30.22	30.34	29.28	----	29.1	36.6	37.3	----	26.6	31.8	32.7	43.3	26.2	34.8	68	6	----	21	23	24	23	----	72	57	60	63
February	29.75	30.01	30.22	29.19	----	42.3	50.2	51.5	----	39.5	44.3	45.1	55.7	39.5	47.6	81	29	----	36	37	38	37	----	77	65	63	68
March	29.72	29.98	30.11	29.36	----	50.5	63.9	64.0	----	46.7	52.8	52.7	69.0	48.0	58.5	85	30	----	42	42	41	42	----	74	47	46	53
April	29.69	29.95	30.18	29.30	----	57.0	67.8	68.9	----	54.3	57.9	59.0	73.1	54.7	63.9	87	36	----	52	49	51	51	----	84	56	56	65
May	29.70	29.96	29.99	29.41	----	63.1	76.6	77.1	----	59.1	62.7	63.3	80.8	61.4	71.1	88	52	----	56	53	54	54	----	79	46	47	57
June	29.71	29.96	29.91	29.57	----	71.9	82.7	80.9	----	69.0	72.4	72.3	85.6	69.2	77.4	93	64	----	67	67	68	67	----	86	62	68	72
July	29.77	30.02	29.95	29.57	----	73.9	83.3	80.6	----	71.9	74.9	74.2	86.7	72.1	79.4	95	68	----	71	71	72	71	----	91	69	76	79
August	29.71	29.96	29.89	29.55	----	72.8	84.3	83.1	----	70.7	73.8	74.5	87.3	72.0	79.6	93	59	----	70	69	71	70	----	90	61	68	73
September	29.76	30.02	29.97	29.43	----	65.5	81.9	77.1	----	61.4	67.0	66.6	85.2	63.6	74.4	94	46	----	59	58	60	59	----	80	46	58	61
October	29.82	30.08	30.04	29.40	----	59.1	76.6	72.1	----	55.7	62.7	61.2	80.2	58.3	69.2	88	44	----	52	53	54	53	----	80	46	55	66
November	29.90	30.17	30.30	29.42	----	49.8	60.8	58.8	----	46.9	53.3	51.5	64.9	47.5	56.2	81	22	----	43	46	44	44	----	80	62	61	68
December	29.80	30.07	30.20	28.87	----	48.3	57.7	55.9	----	45.9	50.7	49.8	61.5	45.4	53.4	75	34	----	43	43	43	43	----	83	62	66	70
Year	29.77	30.03	30.34	28.87	----	56.9	68.5	67.3	----	54.0	58.7	58.6	72.8	54.8	63.8	95	6	----	51	51	52	51	----	81	57	60	66

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.	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	29.06	30.17	29.44	28.65	----	31.8	33.7	33.6	----	30.2	31.3	31.7	37.2	28.5	32.8	53	18	----	28	28	29	28	----	85	80	84	83
February	28.88	29.97	29.34	28.38	----	40.9	42.3	45.4	----	37.7	38.5	40.6	48.7	36.6	42.6	59	27	----	34	34	35	34	----	77	74	70	74
March	28.92	30.00	29.34	28.24	----	46.1	54.0	57.9	----	40.8	45.0	47.4	60.5	42.8	51.6	74	34	----	34	35	36	35	----	65	50	47	54
April	28.94	30.02	29.32	28.60	----	47.9	56.5	62.4	----	43.2	47.3	49.7	64.0	45.7	54.8	77	38	----	38	38	36	37	----	69	51	40	53
May	28.91	29.98	29.18	28.50	----	54.3	67.2	75.6	----	47.5	53.6	55.9	77.5	51.9	64.7	93	44	----	41	42	39	41	----	62	40	28	43
June	28.90	29.96	29.13	28.62	----	60.7	74.6	84.0	----	49.9	55.7	58.5	85.9	58.9	72.4	102	51	----	40	39	36	38	----	47	30	20	32
July	28.87	29.92	29.12	28.67	----	66.0	77.6	86.6	----	54.7	59.6	61.7	88.0	64.6	76.3	101	57	----	45	46	42	44	----	49	35	24	36
August	28.90	29.95	29.15	28.69	----	64.5	77.1	87.6	----	52.9	58.8	61.1	88.7	62.0	75.4	101	54	----	43	44	40	42	----	46	32	20	33
September	28.87	29.93	29.09	28.54	----	----	----	75.5	----	----	----	61.0	77.4	57.4	67.4	91	50	----	----	----	51	----	----	----	----	46	----
October	28.92	30.00	29.20	28.53	----	----	----	63.6	----	----	----	54.1	66.7	49.1	57.9	86	42	----	----	----	47	----	----	----	----	56	----
November	29.12	30.22	29.62	28.59	----	----	----	39.5	----	----	----	36.4	42.9	31.5	37.2	60	18	----	----	----	33	----	----	----	----	77	----
December	28.96	30.05	29.40	28.08	----	----	----	38.2	----	----	----	35.4	43.6	30.5	37.0	63	14	----	----	----	32	----	----	----	----	79	----
Year	28.94	30.01	29.62	28.08	----	----	----	62.5	----	----	----	49.5	65.1	46.6	55.8	102	14	----	----	----	38	----	----	----	----	49	----

WASHINGTON, D. C.

[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.	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	29.97	30.10	30.43	29.44	----	20.8	29.1	27.8	----	18.4	24.4	23.9	31.8	18.0	24.9	55	7	----	12	12	17	14	----	66	47	54	56
February	29.84	29.96	30.33	28.92	----	33.6	40.5	39.3	----	30.3	34.0	33.7	44.2	30.0	37.1	64	16	----	24	24	24	24	----	67	53	55	58
March	29.85	29.98	30.31	29.29	----	35.0	45.1	43.7	----	31.2	37.5	36.7	48.7	32.7	40.7	70	19	----	24	24	25	24	----	63	46	49	53
April	29.84	29.96	30.28	29.34	----	46.0	55.5	54.1	----	41.6	46.0	45.8	59.8	41.9	50.8	82	28	----	36	34	35	35	----	68	49	54	57
May	29.78	29.90	30.07	29.45	----	58.9	70.6	67.5	----	54.0	58.4	58.0	73.7	55.2	64.4	92	43	----	50	48	50	50	----	73	50	59	61
June	29.82	29.93	30.16	29.36	----	70.0	80.9	76.5	----	64.1	67.0	66.5	84.0	65.5	74.8	93	51	----	60	59	61	60	----	73	49	60	60
July	29.94	30.05	30.24	29.70	----	72.4	84.4	79.1	----	67.2	70.2	69.6	87.7	67.3	77.5	100	55	----	65	63	65	64	----	77	50	63	63
August	29.96	30.08	30.24	29.54	----	69.3	77.6	74.2	----	65.9	68.1	67.7	80.2	66.6	73.4	91	57	----	64	62	64	64	----	84	62	72	73
September	29.94	30.06	30.23	29.42	----	60.7	73.7	68.5	----	57.1	61.1	61.3	76.3	57.4	66.8	92	42	----	54	52	56	54	----	80	49	66	65
October	29.98	30.10	30.38	29.64	----	49.5	61.5	55.9	----	46.0	52.1	50.7	63.9	47.5	55.7	83	32	----	42	43	46	44	----	76	53	70	67
November	30.02	30.15	30.55	29.59	----	43.6	53.1	49.0	----	39.6	44.6	42.8	55.4	40.9	48.2	75	28	----	34	34	36	35	----	70	51	59	60
December	30.01	30.14	30.50	29.20	----	38.7	46.9	44.5	----	35.6	40.7	39.4	50.3	35.4	42.8	63	16	----	31	32	32	32	----	73	58	63	64
Year	29.91	30.03	30.55	28.92	----	49.9	59.9	56.7	----	45.9	50.3	49.7	63.0	46.5	54.8	100	7	----	41	41	43	42	----	72	51	60	61

WICHITA, KANS.

Airport [ϕ=38°38′ N.; λ=97°17′ W.] City [ϕ=37°41′ N.; λ=97°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.	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	28.76	30.28	29.19	28.04	13.7	11.5	19.7	18.5	12.9	10.9	17.9	17.3	24.5	7.9	16.2	41	−7	11	8	13	14	11	86	85	73	80	81
February	28.55	30.02	29.12	28.02	32.1	29.2	37.8	37.4	30.5	28.2	33.8	34.3	42.5	27.1	34.8	70	13	28	26	28	30	28	84	88	69	75	79
March	28.48	29.93	28.96	27.96	40.4	35.8	52.3	51.8	36.6	33.5	42.7	42.6	57.2	35.1	46.2	88	20	32	30	32	32	32	72	80	50	52	64
April	28.47	29.91	29.18	28.00	50.8	45.9	60.2	61.2	45.8	42.9	50.4	50.9	64.9	44.2	54.6	87	21	41	40	41	41	41	71	80	55	52	65
May	28.51	29.93	28.82	28.24	59.8	55.9	73.2	72.4	54.9	52.7	60.1	60.6	76.3	55.0	65.6	96	42	51	50	51	52	51	74	82	48	51	64
June	28.49	29.89	28.80	28.15	69.2	66.3	82.7	81.6	63.8	62.3	67.5	67.8	86.0	64.7	75.4	102	53	61	60	59	60	60	76	81	47	52	64
July	28.56	29.95	28.83	28.27	74.0	70.6	89.5	88.3	68.0	67.0	72.1	71.0	92.5	70.4	81.4	105	58	65	65	64	63	64	74	83	44	45	62
August	28.55	29.95	28.87	28.26	71.8	68.2	84.3	83.5	66.1	64.6	69.6	68.9	87.7	67.2	77.4	99	55	63	63	62	61	62	75	83	49	50	64
September	28.63	30.05	28.93	28.37	65.2	61.4	77.8	74.3	60.5	58.3	64.9	64.2	80.6	61.4	71.0	95	44	57	56	57	58	57	76	83	51	59	67
October	28.58	30.01	28.98	28.20	59.5	54.5	74.2	69.2	52.7	50.2	59.1	56.9	77.7	54.0	65.8	87	37	47	46	48	48	47	64	74	41	47	57
November	28.67	30.14	29.21	28.02	37.4	34.3	46.0	43.2	34.7	32.6	30.5	38.8	49.8	31.6	40.7	75	4	31	30	31	33	31	78	84	66	70	75
December	28.62	30.10	29.07	28.00	33.0	31.0	41.0	38.7	31.7	30.1	37.2	36.1	46.4	28.6	37.5	66	13	30	29	33	33	31	88	91	73	80	83
Year	28.57	30.01	29.21	27.96	50.6	47.0	61.6	60.0	46.5	44.4	50.5	50.8	65.5	45.6	55.6	105	−7	43	42	43	44	43	76	83	56	59	69

[1] Pressure at airport adjusted to the old (city) station elevation of 1,358 feet.
[2] Airport data.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

VICKSBURG, MISS.

[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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	3.51	1.16	8.0	5.3	8.7	N.	34	W.	1	13	6	12	8	6	4	2	0	2	1	0	2	7	0	0	25	0	2
February	7.08	3.03	.0	7.8	9.7	SE.	24	E.	0	4	5	20	13	10	0	0	0	2	2	1	0	0	0	0	4	0	0
March	3.94	1.80	.0	6.0	9.8	S.	25	E.	0	8	11	12	9	6	0	0	1	3	2	1	0	0	0	0	1	0	6
April	9.54	2.71	.0	5.9	8.8	S.	24	NW.	0	9	8	13	11	10	0	0	0	2	1	0	0	0	0	0	0	0	9
May	1.97	1.23	.0	4.3	7.5	SW.	27	W.	0	14	8	9	5	4	0	0	0	0	0	0	0	0	0	0	0	0	7
June	4.77	1.29	.0	6.0	7.8	E.	30	SW.	0	7	11	12	13	11	0	0	0	1	0	0	0	0	4	0	0	0	8
July	9.54	2.17	.0	6.5	7.0	SW.	27	NE.	0	8	8	15	18	17	0	0	0	1	2	0	0	0	12	0	0	0	16
August	3.80	2.25	.0	5.1	7.3	SW.	18	S.	0	13	11	7	10	8	0	0	0	1	0	0	0	0	11	0	0	0	2
September	.64	.58	.0	3.1	7.2	N.	27	N.	0	19	4	7	3	3	0	0	0	1	0	0	0	0	13	0	0	0	4
October	2.50	1.81	.0	3.4	7.4	N.	24	SE.	0	16	10	5	5	5	0	0	0	0	1	0	0	0	0	0	0	0	3
November	9.53	3.91	.0	5.9	9.5	N.	36	SW.	1	9	6	15	11	10	0	0	1	0	0	0	0	0	0	0	3	0	2
December	6.79	1.64	.0	6.5	9.0	N.	27	N.	0	8	5	18	12	9	0	0	0	5	3	1	2	0	0	0	0	0	1
Year	63.61	3.91	8.0	5.5	8.3	N.	36	SW.	2	128	93	145	118	99	4	2	2	18	12	3	4	7	40	0	33	0	60

WALLA WALLA, WASH.

[H=949 ft.; H_b=991 ft.; H_t=57 ft.; H_r=50 ft.; H_a=65 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By Self-Register: Average hourly velocity	Wind: By Self-Register: Prevailing direction	Wind: By Self-Register: Maximum velocity	Wind: By Self-Register: Direction at time of maximum velocity	Wind: By Self-Register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.20	0.60	17.8	9.0	4.1	S.	15	S.	0	3	0	28	16	15	11	9	0	9	8	9	6	9	0	0	23	0	0
February	3.99	.66	3.4	9.0	6.4	S.	27	W.	0	2	2	25	21	16	2	2	1	10	8	8	6	1	0	0	5	0	1
March	2.20	.67	.0	7.8	5.8	S.	19	SW.	0	4	6	21	13	9	0	0	1	0	0	0	0	0	0	0	0	0	0
April	1.98	.68	.0	7.7	6.7	S.	23	SW.	0	1	11	18	10	7	0	0	1	0	0	0	0	0	0	0	0	0	1
May	.53	.16	.0	5.2	5.9	S.	24	W.	0	11	8	12	7	4	0	0	1	0	0	0	0	0	3	0	0	0	2
June	.09	.06	.0	4.0	6.1	S.	21	SW.	0	13	11	6	2	1	0	0	1	0	0	0	0	0	13	6	0	0	1
July	1.22	1.15	.0	4.3	6.3	S.	21	SW.	0	14	10	7	3	3	0	0	0	0	0	0	0	0	13	5	0	0	5
August	T	T	.0	2.2	5.5	S.	18	SW.	0	22	8	1	0	0	0	0	0	0	0	0	0	0	12	5	0	0	1
September	1.96	.75	.0	5.9	4.9	S.	23	W.	0	7	12	11	9	6	0	0	0	0	0	0	0	0	3	0	0	0	5
October	2.42	.69	.0	7.1	5.0	S.	24	SW.	0	6	6	19	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0
November	1.81	.40	4.6	7.4	4.7	S.	21	SE.	0	6	3	21	13	12	4	4	0	8	7	6	3	4	0	0	20	0	0
December	1.66	.42	T	8.9	4.9	S.	27	SE.	0	2	3	26	14	9	1	0	0	15	13	11	10	7	0	0	14	0	0
Year	20.06	1.15	25.8	6.5	5.5	S.	27	SE.	0	91	80	195	120	92	18	15	5	42	36	34	25	21	44	16	62	0	16

WASHINGTON, D. C.

[H=72 ft.; H_b=112 ft.; H_t=62 ft.; H_r=42 ft.; H_a=85 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By Self-Register: Average hourly velocity	Wind: By Self-Register: Prevailing direction	Wind: By Self-Register: Maximum velocity	Wind: By Self-Register: Direction at time of maximum velocity	Wind: By Self-Register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	2.12	1.04	15.3	4.9	7.7	NW.	27	NW.	0	14	7	10	7	5	8	5	0	5	2	0	0	19	0	0	28	0	0
February	2.77	1.06	4.3	6.2	8.4	NW.	34	NW.	1	9	5	15	11	8	4	3	0	11	4	0	0	0	0	0	17	0	0
March	3.42	1.71	.4	6.4	8.9	NW.	27	NW.	0	7	12	12	9	8	7	2	0	7	3	4	0	0	0	0	14	0	1
April	6.19	2.30	.5	6.9	8.4	NW.	26	NW.	0	5	11	14	12	10	4	1	1	11	0	0	0	0	0	0	3	0	5
May	3.10	1.39	.0	6.6	7.3	NW.	23	NW.	0	4	12	15	10	7	0	0	0	12	1	0	0	0	1	0	0	0	6
June	.86	.67	.0	6.2	6.2	SW.	24	NW.	0	5	16	9	8	4	0	0	1	4	0	0	0	0	5	0	0	0	4
July	5.73	2.60	.0	4.9	5.2	SW.	23	NW.	0	14	9	8	8	7	0	0	0	2	0	0	0	0	14	8	0	0	9
August	5.00	2.21	.0	7.1	6.2	E.	20	NW.	0	5	9	17	15	12	0	0	0	6	0	0	0	0	2	0	0	0	4
September	1.34	.93	.0	4.2	5.3	NW.	24	NW.	0	17	7	6	5	3	0	0	0	4	0	0	0	0	1	0	0	0	1
October	2.15	1.00	1.5	5.0	5.8	NW.	23	NW.	0	11	10	10	10	5	1	1	0	15	0	0	0	0	0	0	0	0	1
November	5.26	1.40	T	5.7	7.7	NW.	27	NW.	0	9	10	11	9	8	2	0	0	7	1	0	0	0	0	0	3	0	0
December	2.27	.91	T	6.5	6.3	NW.	34	NW.	1	6	12	13	11	10	3	0	0	14	3	0	0	0	0	0	9	0	0
Year	40.21	2.60	22.0	5.9	6.9	NW.	34	NW.	2	106	120	140	115	87	29	12	2	98	14	4	0	19	23	8	74	0	31

WICHITA, KANS.

Airport [H=1,375 ft.; H_b=1,392 ft.; H_t=6 ft.; H_r=36 ft.; H_a=64 ft.] City [H=1,300 ft.; H_b=1,358 ft.; H_t=85 ft.; H_r=78 ft.; H_a=93 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By Self-Register: Average hourly velocity	Wind: By Self-Register: Prevailing direction	Wind: By Self-Register: Maximum velocity	Wind: By Self-Register: Direction at time of maximum velocity	Wind: By Self-Register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 96° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.40	0.88	11.8	5.2	8.7	NW.	24	N.	0	10	12	9	6	4	13	5	0	5	2	2	1	22	0	0	31	7	0
February	1.43	.50	6.1	6.7	11.4	N.	25	S.	0	7	7	15	5	5	12	4	0	8	0	0	1	3	0	0	24	0	0
March	.74	.55	.1	4.9	12.0	SE.	34	NE.	2	10	13	8	9	4	5	1	1	6	3	1	0	1	0	0	13	0	6
April	6.15	2.21	.2	5.4	11.5	SE.	29	SW.	0	11	8	11	11	11	2	1	4	0	0	0	0	0	0	0	2	0	9
May	5.82	2.76	.0	3.8	9.8	S.	25	SW.	0	17	8	6	7	7	0	0	1	0	0	0	0	0	1	1	0	0	6
June	4.85	2.72	.0	5.2	10.2	SE.	32	NE.	1	9	14	7	6	5	0	0	0	0	0	0	0	6	2	0	0	0	8
July	.94	.92	.0	3.5	10.9	SE.	32	S.	1	19	8	4	3	1	0	0	0	0	0	0	0	20	13	0	0	0	9
August	2.87	1.34	.0	4.0	8.9	SE.	29	NW.	0	8	19	4	10	7	0	0	0	1	1	0	0	0	11	7	0	0	8
September	6.14	4.61	.0	4.6	9.7	SE.	28	SE.	0	15	6	9	9	7	0	0	0	1	0	0	0	0	5	0	0	0	5
October	1.05	.49	.0	3.0	10.2	S.	27	S.	0	19	7	5	9	5	0	0	0	1	1	0	1	0	0	0	0	0	8
November	3.82	1.95	1.7	4.8	11.4	S.	35	N.	2	15	3	12	9	7	4	2	0	7	1	0	0	4	0	0	12	0	1
December	1.56	.72	.7	5.2	14.2	S.	30	N.	0	14	5	12	6	5	5	3	0	18	5	4	3	5	0	0	22	0	0
Year	36.77	4.61	20.6	4.7	10.7	SE.	35	N.	6	154	110	102	90	68	41	16	6	47	13	7	6	35	43	23	104	7	60

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

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.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	28.19	30.31	28.63	27.54	2.2	−1.3	5.8	7.0	1.3	−1.9	4.7	5.8	13.1	−6.9	3.1	40	−26	−3	−6	0	1	−2	76	80	76	73	76
February	28.03	30.11	28.63	27.48	13.7	11.6	18.4	19.0	12.8	10.9	16.6	17.4	22.7	6.9	14.8	46	−20	10	8	12	13	11	83	85	73	76	79
March	28.02	30.07	28.42	27.64	24.4	22.3	30.0	32.0	22.9	20.9	26.9	28.2	34.5	20.1	27.3	58	5	20	18	21	22	20	81	82	68	66	74
April	28.05	30.07	28.74	27.70	36.2	32.0	42.2	44.1	33.2	29.7	36.1	37.4	47.1	30.2	38.6	70	7	29	26	23	24	28	75	78	59	59	68
May	28.00	29.97	28.34	27.62	52.3	46.4	64.2	66.7	46.6	43.5	51.3	51.8	70.0	44.2	57.1	91	30	42	41	40	39	40	68	81	44	39	58
June	27.95	29.89	28.23	27.56	59.6	55.3	70.5	73.2	54.6	52.1	57.8	58.5	75.2	52.8	64.0	91	45	51	50	49	49	50	74	82	49	44	62
July	28.00	29.92	28.30	27.72	67.6	62.3	78.5	82.5	60.4	57.7	63.8	64.6	85.0	60.3	72.6	97	50	56	55	56	54	55	68	78	47	40	58
August	28.01	29.95	28.39	27.67	64.8	57.9	78.8	81.2	56.1	53.0	60.2	60.6	84.7	56.4	70.6	99	43	50	50	47	47	48	60	74	36	31	51
September	28.04	29.99	28.38	27.67	59.3	52.0	70.5	74.2	51.8	48.0	57.6	58.1	77.4	50.1	63.8	100	30	46	44	49	46	46	64	77	49	42	58
October	27.66	29.95	28.46	27.37	49.0	43.1	56.7	57.9	44.6	40.7	48.1	48.6	62.9	40.9	51.9	80	27	40	38	40	40	40	73	83	56	54	66
November	28.13	30.20	28.61	27.67	20.1	17.7	23.9	22.9	18.7	16.6	21.2	20.8	27.9	13.1	20.5	48	−17	16	14	15	17	16	82	83	69	77	78
December	27.98	30.03	28.64	27.44	19.8	16.9	23.8	24.9	18.5	16.1	22.1	23.0	30.6	12.1	21.4	44	−21	16	14	19	19	17	83	88	79	78	82
Year	28.03	30.04	28.74	27.37	39.1	34.7	46.9	48.8	35.1	32.3	38.9	39.6	52.6	31.7	42.1	100	−26	31	29	31	31	31	74	81	59	57	68

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
January	30.03	30.11	30.46	29.34	34.5	30.2	41.8	38.4	32.0	28.1	35.2	34.3	45.9	27.9	36.9	66	14	28	24	24	27	26	76	78	51	65	67
February	29.92	30.00	30.34	29.25	43.8	41.6	53.2	48.6	41.3	39.1	45.8	43.5	56.3	37.9	47.1	69	19	38	35	37	36	36	79	78	55	64	69
March	29.91	29.99	30.40	29.28	48.7	45.3	58.8	53.4	45.5	42.8	50.1	47.7	61.5	43.1	52.3	77	26	42	40	41	42	41	78	81	54	66	70
April	29.92	29.99	30.32	29.38	56.2	55.1	67.3	61.5	52.2	51.3	55.0	54.0	69.0	50.2	59.6	85	34	48	48	43	47	47	77	77	45	62	65
May	29.86	29.93	30.26	29.55	63.4	64.0	75.7	68.7	59.9	53.9	63.2	61.2	77.7	59.5	68.6	88	44	57	57	55	56	56	82	78	50	65	69
June	29.93	30.00	30.17	29.60	73.9	75.1	83.6	77.8	71.4	71.2	72.4	71.8	86.0	70.7	78.4	96	61	70	69	67	69	69	89	83	59	75	76
July	30.00	30.07	30.21	29.80	74.4	75.1	85.9	79.4	71.8	72.0	74.7	73.2	87.9	71.4	79.6	98	64	71	71	70	70	70	88	86	60	75	77
August	29.95	30.02	30.16	29.65	74.8	75.2	84.3	78.7	72.5	72.3	74.6	73.9	86.1	72.1	79.1	94	65	72	71	70	72	71	90	87	64	80	80
September	29.95	30.02	30.19	29.61	68.4	67.5	78.9	72.8	65.4	64.5	69.7	67.4	81.2	63.5	72.4	92	52	64	63	65	64	64	85	84	63	76	77
October	30.01	30.08	30.28	29.69	58.6	55.5	71.7	64.0	56.6	53.5	61.8	58.7	74.2	53.1	63.6	86	39	55	52	55	55	54	89	88	58	73	77
November	30.10	30.18	30.49	29.70	53.2	50.4	63.0	57.0	50.5	48.2	54.6	52.2	66.1	46.1	56.1	78	28	48	46	47	48	47	82	84	59	72	74
December	30.06	30.13	30.43	29.42	49.5	46.8	59.1	53.7	47.5	45.1	53.0	49.8	61.6	43.5	52.6	73	24	45	43	47	46	45	86	87	67	75	79
Year	29.97	30.04	30.49	29.25	58.3	56.8	68.6	62.8	55.6	54.0	59.2	57.3	71.1	53.2	62.2	98	14	53	52	52	53	52	83	83	57	71	73

WINNEMUCCA, NEV.

[ϕ=40°58′ N.; λ=117°43′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	25.65	30.12	25.96	25.38	30.5	28.0	34.7	38.9	29.4	27.2	32.2	34.6	42.0	24.6	33.3	58	7	28	26	29	29	28	90	93	80	69	83
February	25.59	30.02	25.90	25.19	35.8	33.2	39.7	43.4	33.3	31.1	35.3	36.9	47.0	29.6	38.3	59	18	30	29	30	29	30	80	83	68	58	72
March	25.60	30.02	25.97	25.19	38.2	32.0	48.4	53.8	33.1	29.4	38.3	40.7	57.6	28.2	42.9	75	14	26	26	26	24	26	63	77	44	38	55
April	25.58	29.97	25.93	25.26	44.4	37.7	54.8	60.4	38.2	34.3	42.6	44.4	62.9	34.7	48.8	82	26	31	30	29	27	29	61	74	40	32	52
May	25.58	29.91	25.83	25.37	57.1	45.6	70.1	76.2	44.8	39.4	50.3	51.4	79.6	43.5	61.6	89	35	32	33	32	27	31	40	61	26	17	36
June	25.59	29.89	25.75	25.40	65.4	54.0	79.6	86.3	49.1	44.4	54.6	56.2	89.0	51.6	70.3	104	37	34	35	33	31	33	35	52	22	16	31
July	25.61	29.90	25.78	25.35	68.2	55.3	82.9	89.0	49.4	44.1	55.7	57.3	92.3	52.4	72.4	98	43	31	32	33	30	32	27	44	18	14	26
August	25.61	29.90	25.76	25.43	69.4	57.4	84.4	91.9	49.5	44.3	56.1	57.8	95.5	53.5	74.5	106	45	30	30	32	29	31	26	38	16	12	23
September	25.58	29.92	25.74	25.37	55.4	49.2	66.6	72.7	47.9	44.6	51.9	52.8	76.6	45.4	61.0	92	34	42	41	40	36	40	63	74	42	31	52
October	25.63	30.01	25.93	25.19	46.0	40.6	59.7	65.5	38.9	35.7	45.3	47.4	69.4	36.4	52.9	83	26	31	30	30	29	30	58	67	37	30	48
November	25.72	30.19	26.02	25.38	33.3	29.1	39.3	43.6	30.9	27.7	34.2	36.5	47.8	24.8	36.3	61	14	28	26	28	28	27	80	87	63	54	71
December	25.59	30.04	25.95	25.02	30.2	26.9	36.8	41.4	28.5	25.7	32.3	34.7	45.9	22.6	34.2	64	−3	26	24	26	26	25	83	88	65	54	73
Year	25.61	29.99	26.02	25.02	47.8	40.8	58.1	63.6	39.4	35.7	44.1	45.9	67.1	37.3	52.2	106	−3	31	30	31	29	30	59	70	43	35	52

WYTHEVILLE, VA.

[ϕ=36°56′ 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.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	27.60	30.11	27.96	27.19	----	17.9	----	23.3	----	16.9	----	21.2	29.4	15.0	22.2	50	0	----	14	----	17	15	----	84	----	74	79
February	27.53	29.98	27.93	26.94	----	29.6	----	36.9	----	27.8	----	33.1	44.1	26.4	35.2	59	10	----	25	----	28	26	----	81	----	70	75
March	27.54	29.98	27.93	27.12	----	33.6	----	41.8	----	31.5	----	36.6	47.9	30.4	39.2	71	11	----	28	----	30	29	----	81	----	66	73
April	27.56	29.97	27.97	27.06	----	45.2	----	53.4	----	41.1	----	45.8	61.5	40.0	50.8	78	20	----	36	----	38	37	----	72	----	58	65
May	27.55	29.93	27.85	27.16	----	53.9	----	62.0	----	49.8	----	53.6	70.9	47.2	59.0	88	33	----	46	----	47	47	----	78	----	62	70
June	27.65	30.01	27.87	27.34	----	64.5	----	71.1	----	60.8	----	63.5	79.2	58.4	68.8	88	45	----	58	----	59	59	----	82	----	68	75
July	27.76	30.12	27.97	27.60	----	65.2	----	71.6	----	62.7	----	65.4	79.6	60.5	70.0	93	49	----	61	----	62	62	----	88	----	73	81
August	27.71	30.07	27.92	27.45	----	64.7	----	69.6	----	63.0	----	65.3	77.1	61.4	69.2	84	51	----	62	----	63	63	----	92	----	80	86
September	27.71	30.10	27.94	27.31	----	53.5	----	63.0	----	51.5	----	56.7	74.3	48.2	61.2	86	30	----	50	----	52	51	----	88	----	68	78
October	27.71	30.12	27.95	27.35	----	45.4	----	56.0	----	43.2	----	49.4	67.8	41.7	54.8	78	32	----	41	----	44	42	----	89	----	65	77
November	27.74	30.19	28.12	27.31	----	38.0	----	44.7	----	35.4	----	39.7	53.2	34.7	44.0	72	20	----	32	----	34	33	----	78	----	66	72
December	27.69	30.14	28.06	26.99	----	34.3	----	41.5	----	33.0	----	37.9	49.7	30.5	40.1	63	6	----	31	----	33	32	----	87	----	73	80
Year	27.65	30.06	28.12	26.94	----	45.5	----	52.9	----	43.1	----	47.4	61.2	41.2	51.2	93	0	----	40	----	42	41	----	83	----	69	76

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

WILLISTON, N. DAK.

[H=1877 ft.; H_b=1898 ft.; H_t=42 ft.; H_r=34 ft.; H_a=50 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.04	0.05	0.3	4.3	6.7	W.	26	N.	0	16	7	8	3	0	13	3	0	2	1	0	0	27	0	0	31	21	0
February	.80	.29	8.7	7.2	6.2	SE.	21	NW.	0	5	8	16	12	5	18	12	0	3	1	1	1	24	0	0	29	9	0
March	.77	.29	5.9	5.9	8.2	SE.	25	NW.	0	9	10	12	12	6	17	10	1	2	2	2	1	13	0	0	30	0	0
April	1.09	.41	5.3	6.3	9.3	E.	26	E.	0	8	9	13	10	6	7	4	0	1	0	0	0	3	0	0	17	0	1
May	2.54	.91	T	3.5	7.3	SE.	25	E.	0	19	9	3	8	7	1	0	1	4	2	2	2	0	1	0	1	0	3
June	2.38	.64	.0	3.6	8.1	SE.	29	NW.	0	20	5	5	11	9	0	0	1	0	0	0	0	0	1	0	0	0	8
July	2.20	.89	.0	4.6	6.0	SE.	33	E.	2	12	15	4	8	6	0	0	1	1	1	0	0	0	12	5	0	0	12
August	.73	.58	.0	2.3	7.0	SE.	26	W.	0	22	9	0	5	4	0	0	0	3	2	2	0	0	11	2	0	0	8
September	1.02	.78	.0	3.0	6.1	SE.	24	SE.	0	20	7	3	5	5	0	0	0	2	1	1	1	0	3	2	1	0	3
October	1.28	.76	.0	4.5	6.6	SE.	24	NW.	0	16	6	9	5	4	0	0	0	2	0	0	0	0	0	0	3	0	2
November	.90	.57	11.5	5.6	7.1	NW.	24	SE.	0	11	6	13	8	4	13	8	0	4	1	1	1	16	0	0	28	6	0
December	.35	.25	1.9	5.3	5.4	SW.	28	W.	0	11	7	13	6	2	8	5	0	10	4	4	1	14	0	0	30	4	0
Year	14.10	.94	33.6	4.7	7.0	SE.	33	E.	2	169	98	99	93	58	77	42	4	34	15	13	7	97	28	9	170	40	37

WILMINGTON, N. C.

[H=6 ft.; H_b=72 ft.; H_t=73 ft.; H_r=65 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	3.16	1.51	1.3	4.5	8.6	NW.	30	NW.	0	16	4	11	11	10	6	2	0	5	3	2	1	2	0	0	21	0	0
February	5.69	3.12	.0	5.8	10.4	SW.	35	NW.	3	9	6	14	12	9	0	0	0	10	3	2	2	0	0	0	6	0	3
March	1.90	.50	.0	5.3	9.8	NW.	28	S.	0	11	9	11	11	9	0	0	0	7	4	4	3	0	0	0	3	0	1
April	2.39	.89	.0	5.4	11.7	SW.	30	S.	0	9	9	12	7	5	0	0	0	4	1	1	0	0	0	0	0	0	3
May	3.24	2.14	.0	4.3	10.5	SW.	32	SW.	2	12	13	6	9	8	0	0	0	1	1	1	1	0	0	0	0	0	7
June	5.06	2.28	.0	5.6	9.2	SW.	24	S.	0	6	16	8	14	6	0	0	0	6	2	2	1	0	6	1	0	0	9
July	1.38	.48	.0	5.4	7.6	SW.	29	S.	0	10	11	10	7	7	0	0	0	8	2	1	1	0	12	4	0	0	11
August	14.14	2.98	.0	6.1	8.4	S.	27	W.	0	10	9	12	15	13	0	0	0	8	4	2	0	0	5	0	0	0	7
September	1.96	.83	.0	4.8	8.6	NE.	28	SW.	0	13	7	10	7	6	0	0	0	12	1	0	0	0	3	0	0	0	2
October	1.44	.95	.0	3.5	7.4	N.	21	E.	0	20	3	8	6	4	0	0	0	17	8	6	6	0	0	0	0	0	2
November	1.86	.79	.0	5.0	8.2	NW.	22	SE.	0	14	4	12	11	8	0	0	0	11	3	3	3	0	0	0	1	0	0
December	2.93	1.10	.0	5.5	8.1	N.	26	SW.	0	11	7	13	12	6	0	0	0	13	6	5	4	0	0	0	1	0	0
Year	45.15	3.12	1.3	5.1	9.0	SW.	35	NW.	5	141	98	127	122	91	6	2	0	102	38	29	22	2	26	5	32	0	45

WINNEMUCCA, NEV.

[H=4,287 ft.; H_b=4,344 ft.; H_t=18 ft.; H_r=6 ft.; H_a=56 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.69	0.48	2.5	6.7	7.4	NE.	26	SW.	0	6	10	15	13	10	11	4	0	4	0	0	0	0	0	0	25	0	0
February	1.19	.39	5.1	8.2	8.4	SW.	35	SW.	2	2	4	23	16	9	10	7	3	1	0	0	0	0	0	0	19	0	1
March	1.41	.61	2.4	5.9	7.5	SW.	29	SW.	0	10	7	14	9	6	6	3	0	0	0	0	0	0	0	0	21	0	1
April	.97	.39	T	6.4	7.7	SW.	31	NW.	0	6	12	12	9	6	1	0	0	0	0	0	0	0	0	0	7	0	1
May	.03	.02	.0	4.8	7.7	NE.	27	SW.	0	10	15	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1
June	.44	.29	.0	2.7	6.9	NE.	27	NW.	0	22	3	5	5	4	0	0	0	0	0	0	0	0	17	11	0	0	0
July	.11	.11	.0	2.7	7.0	SW.	24	NW.	0	22	7	2	1	1	0	0	0	0	0	0	0	0	20	11	0	0	2
August	.28	.28	.0	2.5	6.2	SW.	17	NE.	0	22	8	1	1	1	0	0	0	0	0	0	0	0	27	20	0	0	2
September	1.53	.63	.0	4.9	7.6	NE.	25	S.	0	8	15	7	12	7	0	0	1	0	0	0	0	0	3	0	0	0	9
October	1.73	1.02	.0	5.5	6.9	SW.	24	SW.	0	9	9	13	6	6	0	0	0	0	0	0	0	0	0	0	5	0	0
November	.90	.46	1.0	6.6	6.9	NE.	26	W.	0	7	5	18	7	4	7	4	0	1	0	0	0	0	0	0	27	0	0
December	1.41	.69	1.6	5.9	6.9	NE.	24	S.	0	9	6	16	10	7	5	3	0	0	0	0	0	3	0	0	28	2	0
Year	11.69	1.02	12.6	5.2	7.2	SW.	35	SW.	2	133	101	132	92	61	40	21	4	6	0	0	0	3	67	42	132	2	17

WYTHEVILLE, VA.

[H=2,299 ft.; H_b=2,304 ft.; H_t=49 ft.; H_r=40 ft.; H_a=55 ft.]

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	1.61	0.62	14.2	5.8	8.5	W.	25	W.	0	11	7	13	7	5	13	5	0	2	0	0	0	19	0	0	31	1	0
February	1.63	.53	4.4	7.2	8.0	W.	31	NW.	0	5	6	18	10	8	9	4	0	0	1	0	0	2	0	0	22	0	0
March	1.73	.46	3.4	6.4	8.4	W.	30	NW.	0	7	11	13	11	8	5	2	0	1	1	1	2	3	0	0	19	0	1
April	2.97	1.54	T	6.4	7.9	W.	32	NW.	1	7	10	13	11	9	3	0	1	0	0	0	0	0	0	0	0	0	3
May	4.84	1.65	T	6.3	6.7	W.	25	SW.	0	5	15	11	16	12	2	1	1	1	0	0	2	0	0	0	0	0	11
June	3.08	1.29	.0	5.9	6.1	W.	24	SW.	0	10	8	12	15	10	0	0	0	1	1	0	3	0	0	0	0	0	11
July	4.26	1.19	.0	6.6	5.0	W.	24	NE.	0	3	15	13	15	12	0	0	0	6	1	4	1	0	4	0	0	0	13
August	6.56	2.52	.0	7.0	5.2	E.	17	W.	0	1	16	14	18	16	0	0	0	3	1	1	3	0	0	0	0	0	3
September	.30	.22	.0	3.0	4.6	NW.	24	W.	0	20	7	3	2	2	0	0	0	3	0	0	2	0	0	0	2	0	1
October	1.10	.53	.0	3.5	5.5	W.	19	W.	0	18	8	5	5	5	0	0	0	0	0	0	1	0	0	0	1	0	0
November	1.28	.83	.1	5.8	7.5	W.	25	W.	0	9	9	12	9	6	5	2	0	1	2	0	1	2	0	0	12	0	0
December	2.29	1.13	T	6.4	6.8	W.	27	W.	0	10	3	18	13	9	1	0	0	5	1	1	0	0	0	0	18	0	0
Year	31.65	2.52	22.1	5.9	6.7	W.	32	NW.	1	106	115	145	132	102	38	14	2	23	8	7	15	26	4	0	111	1	43

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

YAKIMA, WASH.

[ϕ=46°36′ N.; λ=120°30′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	28.99	30.18	29.36	28.60	----	28.6	33.5	34.7	----	27.0	30.5	31.7	36.7	25.5	31.1	48	15	----	24	25	25	25	----	83	70	73	75
February	28.79	29.95	29.28	28.35	----	33.6	42.5	45.1	----	32.3	38.2	39.5	46.2	31.2	38.7	57	18	----	31	33	32	32	----	88	70	64	74
March	28.82	29.98	29.26	28.15	----	41.9	54.2	58.3	----	37.6	44.0	45.9	60.0	38.3	49.2	75	28	----	32	31	31	31	----	68	44	39	50
April	28.86	30.01	29.26	28.56	----	45.7	57.5	62.8	----	40.7	46.0	48.4	64.5	43.1	53.8	77	37	----	34	33	32	33	----	65	41	34	47
May	28.84	29.98	29.12	28.42	----	52.6	68.2	75.0	----	45.9	52.4	54.6	76.8	50.3	63.6	95	39	----	39	38	35	37	----	61	33	24	39
June	28.83	29.96	29.06	28.62	----	59.3	76.4	83.1	----	49.4	56.1	58.5	85.8	57.4	71.6	100	49	----	40	38	38	39	----	50	26	21	32
July	28.79	29.92	29.02	28.57	----	62.6	78.1	86.1	----	53.8	59.4	61.8	87.9	60.8	74.4	100	52	----	46	45	43	45	----	58	33	25	39
August	28.83	29.96	29.11	28.62	----	61.9	78.3	86.9	----	52.7	59.0	61.6	88.4	59.1	73.8	98	52	----	45	44	42	44	----	55	30	22	36
September	28.79	29.93	29.00	28.51	----	57.7	71.0	77.0	----	52.2	57.8	60.0	79.6	54.6	67.1	95	47	----	48	48	48	48	----	71	45	37	51
October	28.84	29.99	29.14	28.43	----	48.0	57.6	63.0	----	44.9	50.0	52.6	65.9	45.0	55.4	83	33	----	42	43	43	43	----	80	60	50	63
November	29.03	30.22	29.54	28.48	----	31.0	35.2	39.6	----	29.8	32.5	35.5	42.1	27.7	34.9	55	20	----	28	28	30	29	----	87	76	68	77
December	28.87	30.05	29.30	28.05	----	30.5	33.6	38.3	----	29.4	31.8	35.1	40.7	27.6	34.2	53	11	----	28	29	30	29	----	89	83	74	82
Year	28.86	30.01	29.54	28.05	----	46.1	57.2	62.5	----	41.3	46.5	48.8	64.6	43.4	54.0	100	11	----	36	36	36	36	----	71	51	44	55

YELLOWSTONE PARK, WYO.

[ϕ=44°58′ N.; λ=110°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.	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	23.88	30.30	24.24	23.54	----	13.3	19.1	17.8	----	12.1	16.8	15.9	24.2	7.4	15.8	43	−23	----	8	12	12	11	----	80	72	74	75
February	23.78	30.08	24.08	23.42	----	21.1	27.6	28.4	----	19.4	24.6	25.5	32.3	16.8	24.6	43	−2	----	16	20	21	19	----	80	71	72	74
March	23.81	30.06	24.15	23.40	----	26.5	35.6	37.7	----	24.1	30.5	31.4	41.5	22.4	32.0	58	0	----	20	24	23	22	----	76	61	56	64
April	23.84	30.04	24.23	23.58	----	30.6	43.0	44.3	----	28.6	35.8	36.4	49.2	27.1	38.2	64	10	----	26	28	27	27	----	82	56	55	64
May	23.94	30.06	24.26	23.55	----	38.5	58.6	60.7	----	35.0	44.7	45.3	64.9	36.3	50.6	75	24	----	31	32	30	31	----	74	37	35	49
June	23.95	30.01	24.15	23.62	----	44.9	65.2	68.7	----	41.0	50.9	52.3	72.8	42.7	57.8	87	32	----	38	40	41	40	----	76	44	41	54
July	24.00	30.03	24.18	23.74	----	50.6	72.2	74.5	----	45.5	55.3	55.5	78.3	49.1	63.7	87	36	----	41	44	42	42	----	71	40	36	49
August	24.01	30.04	24.22	23.80	----	49.0	72.0	76.9	----	42.5	54.0	55.4	80.3	46.9	63.6	92	38	----	36	41	41	39	----	64	35	30	43
September	23.98	30.08	24.22	23.78	----	45.1	61.7	61.1	----	42.2	50.9	50.5	67.4	42.9	55.2	83	32	----	40	43	43	42	----	82	54	55	64
October	23.95	30.12	24.28	23.49	----	37.2	50.1	50.6	----	34.0	42.1	42.0	56.6	33.9	45.2	70	27	----	30	35	34	33	----	76	56	56	63
November	23.92	30.26	24.31	23.49	----	21.2	28.5	27.5	----	19.4	25.2	24.2	34.1	16.3	25.2	48	−9	----	16	20	19	18	----	79	70	70	73
December	23.86	30.19	24.17	23.42	----	22.0	27.7	27.4	----	20.1	24.3	24.4	32.3	17.4	24.8	47	−11	----	17	19	20	19	----	78	69	72	73
Year	23.91	30.10	24.31	23.40	----	33.3	46.8	48.0	----	30.3	37.9	38.2	52.8	29.9	41.4	92	−23	----	27	30	29	29	----	76	55	54	62

YUMA, ARIZ.

[ϕ=32°45′ N.; λ=114°36′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Maximum	Minimum	Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
January	29.90	30.04	30.11	29.64	54.9	50.8	63.6	68.0	46.7	44.2	50.8	53.1	70.8	47.5	59.2	81	40	37	36	37	38	37	53	59	40	35	47
February	29.89	30.04	30.16	29.58	55.5	50.7	65.9	70.0	47.2	44.3	51.4	52.7	72.1	47.2	59.6	84	38	37	36	35	34	36	53	60	35	29	44
March	29.76	29.91	30.20	29.43	62.3	56.5	74.3	80.3	49.9	47.3	54.3	56.8	82.7	52.9	67.8	92	42	36	36	33	34	35	40	50	24	20	33
April	29.72	29.87	29.94	29.43	67.2	59.3	79.5	85.1	54.3	51.1	58.4	59.8	87.6	56.9	72.2	102	50	42	43	40	38	41	43	58	26	20	37
May	29.64	29.78	29.83	29.41	76.7	66.1	90.3	96.7	59.7	56.5	63.1	65.0	99.3	64.1	81.7	105	55	46	49	42	41	44	36	56	20	16	32
June	29.59	29.72	29.77	29.37	82.5	73.3	95.6	102.2	63.4	61.8	67.8	69.3	104.8	71.1	88.0	115	61	50	54	50	49	51	34	53	22	17	32
July	29.65	29.79	29.79	29.47	87.0	77.0	99.1	105.7	66.6	65.2	70.7	70.7	108.1	75.0	91.6	116	65	53	58	53	48	53	35	54	24	16	32
August	29.63	29.77	29.80	29.46	85.7	79.9	98.5	103.5	71.2	70.7	73.5	74.0	106.7	77.5	92.1	115	65	64	66	61	59	62	49	64	30	24	42
September	29.65	29.79	29.81	29.49	80.0	73.7	91.7	95.8	68.3	66.6	70.9	71.8	99.1	71.5	85.3	109	64	62	62	59	58	60	56	69	36	32	48
October	29.75	29.89	29.95	29.48	69.6	64.0	83.9	86.3	59.6	57.3	64.5	64.8	89.6	61.7	75.6	98	48	52	52	52	50	52	57	68	34	31	48
November	29.87	30.02	30.10	29.61	55.9	51.8	68.6	70.6	45.7	43.1	50.9	52.3	74.0	47.9	61.0	86	38	33	32	31	32	32	45	49	26	26	36
December	29.84	29.99	30.18	29.39	54.9	52.6	63.7	66.0	47.8	46.5	52.4	53.4	69.0	49.1	59.0	80	39	39	39	41	41	40	60	65	49	45	55
Year	29.74	29.88	30.20	29.37	69.4	63.0	81.2	85.8	56.7	54.6	60.7	62.0	88.6	60.2	74.4	116	38	46	47	44	44	45	47	59	30	26	40

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

YAKIMA, WASH.

[H=1,068 ft.; H_b=1,076 ft.; H_t=58 ft.; H_r=52 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	1.12	0.43	6.8	8.5	4.3	NE.	24	NE.	0	2	6	23	12	8	10	8	0	10	12	12	7	5	0	0	30	0	0
February	3.11	.67	4.5	7.3	4.3	NW.	22	NW.	0	6	3	20	15	12	4	4	0	9	5	6	1	0	0	0	14	0	0
March	.31	.24	.0	7.4	5.5	NW.	25	NW.	0	4	9	18	3	2	0	0	0	0	0	0	0	0	0	0	4	0	0
April	.84	.43	T	7.1	6.7	NW.	24	W.	0	5	7	18	8	4	1	0	0	0	0	0	0	0	0	0	0	0	0
May	.27	.20	.0	4.9	6.9	NW.	27	NW.	0	10	12	9	2	2	0	0	0	0	0	0	0	0	2	0	0	0	0
June	.06	.06	.0	3.4	7.8	NW.	27	SW.	0	16	8	6	1	1	0	0	0	0	0	0	0	0	11	5	0	0	1
July	.45	.31	.0	4.1	6.8	NW.	20	NW.	0	13	12	6	6	2	0	0	0	0	0	0	0	0	15	2	0	0	3
August	T	T	.0	1.9	6.7	NW.	18	NW.	0	23	6	2	0	0	0	0	0	0	0	0	0	0	11	4	0	0	0
September	.83	.38	.0	3.9	5.8	NW.	35	SW.	1	16	8	6	5	4	0	0	0	0	0	0	0	0	3	0	0	0	6
October	.85	.46	.0	6.6	4.5	NW.	18	NW.	0	5	11	15	9	5	0	0	0	2	2	1	2	0	0	0	0	0	0
November	.86	.16	1.7	6.8	3.6	SE.	19	SW.	0	8	3	19	14	9	7	5	0	10	4	7	6	1	0	0	26	0	0
December	1.87	.64	1.3	6.4	4.0	NW.	25	NW.	0	10	3	18	11	8	4	1	0	11	10	6	4	2	0	0	20	0	0
Year	10.57	.67	14.3	5.7	5.6	NW.	35	SW.	1	118	88	160	86	57	26	18	0	42	33	32	20	8	42	11	94	0	10

YELLOWSTONE PARK, WYO.

[H=6,236 ft.; H_b=6,241 ft. H_t=12 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: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.97	0.15	13.3	7.3	6.6	S.	24	NE.	0	5	4	22	17	11	20	17	0	0	0	0	0	20	0	0	31	9	0
February	1.51	.28	17.8	8.2	8.5	S.	30	N.	0	2	6	21	22	10	26	18	0	0	0	0	0	13	0	0	25	1	0
March	2.00	.41	15.8	6.7	8.0	SW.	30	SW.	0	7	7	17	16	12	15	9	0	0	0	0	0	4	0	0	27	1	0
April	1.94	.35	7.6	7.2	7.6	SW.	25	SW.	0	4	9	17	13	12	12	7	0	0	0	0	0	0	0	0	23	0	0
May	1.03	.71	T	5.1	7.7	SW.	28	SW.	0	8	18	5	7	4	1	0	0	0	0	0	0	0	0	0	7	0	6
June	2.47	1.23	3.2	5.2	7.1	SW.	25	SW.	0	11	10	9	10	9	1	1	1	0	0	0	0	0	0	0	1	0	7
July	1.57	.63	.0	5.4	7.2	SW.	28	W.	0	8	14	9	9	8	0	0	2	0	0	0	0	0	0	0	0	0	12
August	.44	.27	.0	3.1	7.4	SW.	26	NW.	0	18	11	2	4	2	0	0	0	0	0	0	0	0	3	0	0	0	8
September	2.84	.91	.0	6.7	6.7	SW.	29	SW.	0	3	15	12	15	13	0	0	1	0	0	0	0	0	0	0	0	0	13
October	.49	.20	.1	6.0	7.8	SW.	24	SW.	0	8	8	15	6	4	5	2	1	0	0	0	1	0	0	0	13	0	2
November	1.06	.27	11.7	6.5	7.6	S.	24	SW.	0	9	4	17	11	8	19	10	0	0	0	0	0	11	0	0	28	3	0
December	.49	.36	6.6	6.4	8.6	S.	32	SW.	1	7	10	14	10	1	19	10	0	0	0	0	0	11	0	0	29	5	0
Year	16.81	1.23	76.1	6.2	7.6	SW.	32	SW.	1	90	116	160	140	94	118	74	5	0	0	0	1	59	3	0	184	19	48

YUMA, ARIZ.

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

Month	Precipitation: Total	Precipitation: Maximum in 24 hours	Precipitation: Total snowfall	Cloudiness 0 to 10	Wind: By self-register: Average hourly velocity	Wind: By self-register: Prevailing direction	Wind: By self-register: Maximum velocity	Wind: By self-register: Direction at time of maximum velocity	Wind: By self-register: Days with 32 miles or over	Number of days: Clear	Partly cloudy	Cloudy	Precipitation: 0.01 inch or over	Precipitation: 0.04 inch or over	Snow: Trace or more	Snow: 0.01 inch or more melted	Hail	Fog: Light	Fog: Moderate	Fog: Thick	Fog: Dense	Maximum temperature: 32° or below	Maximum temperature: 90° or above	Maximum temperature: 95° or above	Minimum temp.: 32° or below	Minimum temp.: 0° or below	Thunderstorm
January	0.04	0.04	0.0	4.0	5.6	N.	23	N.	0	15	13	3	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
February	.25	.16	.0	3.1	5.9	N.	29	W.	0	20	5	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	1
March	.21	.20	.0	2.6	6.4	SW.	25	SE.	0	22	6	3	2	1	0	0	0	0	0	0	0	0	1	0	0	0	2
April	.00	.00	.0	1.4	5.9	SW.	29	W.	0	27	3	0	0	0	0	0	0	0	0	0	0	0	11	6	0	0	0
May	.00	.00	.0	.8	4.9	SW.	17	W.	0	29	2	0	0	0	0	0	0	0	0	0	0	0	31	22	0	0	0
June	T	T	.0	.9	5.4	SW.	23	SE.	0	28	1	1	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0
July	T	T	.0	1.1	5.2	SW.	20	SE.	0	27	4	0	0	0	0	0	0	0	0	0	0	0	31	31	0	0	0
August	.10	.10	.0	.5	5.5	SE.	23	SE.	0	31	0	0	1	1	0	0	0	0	0	0	0	0	31	31	0	0	2
September	.53	.41	.0	1.8	4.1	S.	25	E.	0	24	4	2	4	3	0	0	0	0	0	0	0	0	29	24	0	0	5
October	.41	.37	.0	1.5	4.5	NE.	23	W.	0	27	2	2	2	2	0	0	0	1	1	1	1	0	18	10	0	0	0
November	T	T	.0	2.8	6.1	N.	24	W.	0	20	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	.79	.32	.0	4.2	5.8	N.	28	W.	0	15	10	6	6	6	0	0	0	3	2	2	2	0	0	0	0	0	0
Year	2.33	.41	.0	2.1	5.5	SW.	29	W.	0	285	56	25	20	17	0	0	0	5	3	3	3	0	182	154	0	0	10

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—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)	° (3)	° (2)	° (3)	° (2)	° (3)	° (2)	° (3)	°	°	°	°	°	° (2)	° (3)	° (2)	° (3)	°	% (2)	% (3)	% (2)	% (3)	%
January	296.3	29.78	30.12	29.08	20.5	20.0	21.0	24.3	19.8	19.4	20.2	23.1	27.0	14.8	20.9	45	−7	18	18	19	21	19	91	91	91	86	90
February	29.58	29.73	30.47	28.87	24.6	21.7	20.9	28.6	23.4	20.7	20.0	26.8	29.6	16.7	23.2	40	4	21	19	18	23	20	84	87	88	79	84
March	29.52	29.67	30.29	28.78	25.1	21.3	21.3	31.8	23.6	20.1	20.0	28.2	33.5	16.2	24.8	45	−10	20	17	16	21	19	81	82	81	64	77
April	29.68	29.83	30.04	28.93	42.0	36.0	38.6	48.6	38.8	34.2	36.1	42.1	49.9	33.3	41.6	63	26	35	32	32	34	33	75	84	79	58	74
May	29.73	29.87	30.15	29.26	49.9	41.3	48.1	56.2	44.6	38.8	44.1	48.2	58.1	37.9	48.0	69	31	39	36	40	40	39	67	80	73	56	69
June	29.78	29.93	30.11	29.26	56.9	48.7	55.6	62.4	50.4	45.6	50.4	53.7	64.1	46.1	55.1	76	35	44	42	46	46	45	64	79	70	58	68
July	29.84	29.98	30.28	29.47	60.0	52.0	58.6	64.3	56.0	50.0	54.7	58.0	65.7	50.0	57.8	72	44	53	48	52	53	52	78	87	78	69	78
August	29.58	29.72	30.06	29.15	56.7	50.3	54.4	62.0	53.4	48.7	51.4	56.0	63.5	47.8	55.6	71	41	51	47	49	52	50	81	89	82	70	81
September	29.59	29.72	30.15	28.72	47.9	44.6	46.4	53.1	46.1	43.0	44.3	48.4	54.4	40.4	47.4	73	30	44	41	42	44	43	88	89	86	72	84
October	29.36	29.51	29.81	28.68	36.9	34.7	34.0	40.2	35.3	33.4	32.7	37.6	42.0	30.6	36.3	54	24	33	32	31	34	32	86	88	88	79	85
November	29.70	29.85	30.40	28.87	23.7	22.9	22.8	27.4	22.7	21.8	21.6	25.6	29.5	18.1	23.8	40	3	20	19	19	22	20	86	85	84	78	83
December	29.34	29.49	29.91	28.49	22.6	21.9	21.7	22.5	21.5	21.0	20.7	21.5	26.1	17.4	21.8	53	−4	19	19	19	19	19	86	88	88	87	88
Year	29.61	29.75	30.47	28.49	38.9	34.6	37.0	43.4	36.3	33.6	34.7	39.1	45.3	30.8	38.0	76	−10	33	31	32	34	33	81	86	82	71	80

BARROW, ALASKA

[ϕ=71°23′ N.; λ=156°17′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet 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	Extremes: Monthly	Extremes: Maximum	Moisture: Mean: Dew point: Minimum	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)	In. (1)	In.	In.	In.	° (4)	°	° (4)	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
January	30.17	30.18	30.92	29.16	----	−9.0	----	−10.0	----	----	----	----	−3.8	−14.7	−9.2	12	−35	----	----	----	----	----	----	----	----	----	----
February	30.27	30.28	30.61	29.26	----	−19.3	----	−18.4	----	----	----	----	−13.9	−23.9	−18.9	−2	−44	----	----	----	----	----	----	----	----	----	----
March	30.14	30.15	30.71	29.35	----	−12.0	----	−9.2	----	----	----	----	−5.8	−15.2	−10.5	7	−30	----	----	----	----	----	----	----	----	----	----
April	30.07	30.08	30.47	29.63	----	5.7	----	6.6	----	----	----	----	10.5	2.3	6.4	31	−17	----	----	----	----	----	----	----	----	----	----
May	30.08	30.09	30.36	29.57	----	22.1	----	24.8	----	----	----	----	26.4	20.4	23.4	34	0	----	----	----	----	----	----	----	----	----	----
June	30.06	30.08	30.30	29.84	----	28.7	----	32.7	----	----	----	----	34.9	26.8	30.8	58	17	----	----	----	----	----	----	----	----	----	----
July	29.95	29.96	30.26	29.66	----	38.6	----	44.6	----	----	----	----	49.4	35.6	42.5	64	29	----	----	----	----	----	----	----	----	----	----
August	29.82	29.84	30.09	29.51	----	37.2	----	40.5	----	----	----	----	43.4	35.8	39.6	65	30	----	----	----	----	----	----	----	----	----	----
September	29.70	29.71	30.10	29.35	----	34.5	----	37.1	----	----	----	----	39.6	31.7	35.6	56	17	----	----	----	----	----	----	----	----	----	----
October	29.90	29.92	30.41	29.36	----	23.5	----	24.2	----	----	----	----	26.6	20.0	23.3	36	3	----	----	----	----	----	----	----	----	----	----
November	29.93	29.96	30.57	28.95	----	10.1	----	11.2	----	----	----	----	16.1	3.0	9.6	36	−11	----	----	----	----	----	----	----	----	----	----
December	29.92	29.95	30.54	29.26	----	−4.4	----	−5.0	----	----	----	----	−1.3	−9.8	−5.6	12	−32	----	----	----	----	----	----	----	----	----	----
Year	30.00	30.02	30.92	28.95	----	13.0	----	14.9	----	----	----	----	18.5	9.3	13.9	65	−44	----	----	----	----	----	----	----	----	----	----

[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 1:30 a. m. and 1:30 p. m. 150th meridian time.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

ANCHORAGE, ALASKA

[H=105 ft.; H_b=132 ft.; H_t=35 ft.; H_r=33 ft.; H_a=41 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind					Number of days																	
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall		Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.47	0.17	6.5	6.8	5.1	N.	23	S.	0	7	6	18	8	5	13	8	0	6	6	2	0	24	0	0	30	2	0
February	.13	.13	T	5.7	5.5	N.	21	N.	0	10	4	15	1	1	2	0	0	1	2	1	1	21	0	0	29	0	0
March	.36	.22	7.0	6.6	5.5	N.	26	N.	0	8	3	20	7	4	11	6	0	1	0	0	0	11	0	0	30	6	0
April	.28	.13	.0	7.2	4.3	N.	17	S.	0	4	7	19	5	2	0	0	0	0	0	0	0	0	0	0	12	0	0
May	.49	.46	.0	6.0	6.1	S.	26	SE.	0	6	15	10	3	1	0	0	0	0	0	0	0	0	0	0	3	0	0
June	.63	.36	.0	6.7	6.1	S.	20	S.	0	5	10	15	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0
July	.96	.33	.0	6.5	5.2	W.	19	S.	0	5	13	13	7	4	0	0	0	0	0	0	0	0	0	0	0	0	1
August	2.47	.73	.0	8.0	4.5	N.	18	S.	0	1	6	24	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0
September	5.14	1.11	.0	8.0	5.3	N.	22	N.	0	2	8	20	20	20	0	0	0	7	2	2	0	0	0	0	2	0	0
October	3.19	1.46	15.0	7.7	4.9	N.	25	SE.	0	4	7	20	14	9	7	5	0	8	4	4	4	2	0	0	19	0	0
November	1.27	.49	8.0	6.1	5.5	NE.	25	N.	0	11	2	17	8	6	8	5	0	6	4	3	1	19	0	0	29	0	0
December	1.54	.94	15.4	8.1	5.6	N.	24	SE.	0	3	4	24	12	7	14	11	0	8	6	6	5	24	0	0	28	4	0
Year	16.93	1.46	51.9	7.0	5.3	N.	26	SE.	0	66	85	215	104	70	55	35	0	38	24	18	11	101	0	0	182	12	1

BARROW, ALASKA

[H=22 ft.; H_b=13 ft.; H_t=4 ft.; H_r=3 ft.; H_a=27 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind					Number of days																	
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall		Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	*In.*	*In.*		*Mi.*		*Mi.*																				
January	0.10	0.09	1.5	4.4	14.4	NE.	43	SW.	3	13	6	12	2	1	3	2	0	3	0	0	4	31	0	0	31	27	0
February	.01	.01	.3	3.5	9.6	NE.	26	NE.	0	18	3	8	1	0	1	1	0	0	1	0	8	31	0	0	31	30	0
March	.01	.01	.3	4.1	8.4	NE.	26	NE.	0	17	3	11	1	0	1	1	0	0	1	0	8	31	0	0	31	30	0
April	.06	.03	.9	5.2	12.0	NE.	36	SE.	1	13	4	13	2	0	2	2	0	11	1	3	0	30	0	0	30	16	0
May	.15	.09	2.2	7.6	15.9	NE.	35	NE.	3	6	4	21	3	2	3	3	0	11	10	0	11	25	0	0	31	1	0
June	.23	.15	.0	6.8	12.6	NE.	23	NE.	0	9	2	19	3	2	0	0	0	5	0	0	8	9	0	0	27	0	1
July	.44	.12	.0	5.3	14.1	NE.	33	NE.	1	10	10	11	7	3	0	0	0	7	0	0	7	0	0	0	7	0	0
August	.52	.30	T	7.5	15.0	NE.	31	E.	0	6	5	20	5	3	1	0	0	4	0	0	13	0	0	0	5	0	0
September	.66	.10	3.6	8.0	15.2	SW.	33	SW.	1	4	6	20	17	7	16	8	0	4	0	0	2	1	0	0	20	0	0
October	.40	.08	4.6	9.2	22.0	NE.	46	NE.	10	0	4	27	14	5	26	14	0	3	0	0	0	27	0	0	30	0	0
November	.19	.06	1.3	5.7	10.6	E.	51	W.	4	10	7	13	7	3	17	7	0	5	2	0	0	29	0	0	30	14	0
December	.17	.04	1.7	----	15.7	NE.	42	E.	----	----	----	----	11	0	18	11	0	3	0	0	0	31	0	0	31	28	0
Year	2.94	.30	16.4	6.1	14.3	NE.	51	W.	23	106	54	175	73	26	88	49	0	59	14	3	54	243	0	0	302	145	0

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

DUTCH HARBOR, ALASKA

[ϕ=53°53′ N.; λ=166°32′ W.]

Month	Pressure: Mean: Station level	Pressure: Mean: Sea level	Pressure: Extremes: Station level: Maximum	Pressure: Extremes: Station level: Minimum	Temperature (° F.): Mean: Dry bulb: 1:30 a. m.	Dry bulb: 7:30 a. m.	Dry bulb: 1:30 p. m.	Dry bulb: 7:30 p. m.	Wet bulb: 1:30 a. m.	Wet bulb: 7:30 a. m.	Wet bulb: 1:30 p. m.	Wet bulb: 7:30 p. m.	Mean: Maximum	Mean: Minimum	Mean: Monthly	Extremes: Maximum	Extremes: Minimum	Moisture: Mean: Dew point: 1:30 a. m.	Dew point: 7:30 a. m.	Dew point: 1:30 p. m.	Dew point: 7:30 p. m.	Dew point: Monthly	Relative humidity: 1:30 a. m.	Relative humidity: 7:30 a. m.	Relative humidity: 1:30 p. m.	Relative humidity: 7:30 p. m.	Relative humidity: Monthly
	In.	In.	In.	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%
	(1)	(1)				(2)		(2)																			
January	29.43	29.44	30.14	28.58	----	32.8	----	34.3	----	----	----	----	36.8	29.6	28.2	45	13	----	----	----	----	----	----	----	----	----	----
February	29.33	29.34	29.80	28.64	----	32.4	----	34.1	----	----	----	----	36.4	29.4	32.9	43	16	----	----	----	----	----	----	----	----	----	----
March	29.62	29.63	30.32	28.32	----	30.0	----	32.2	----	----	----	----	34.9	26.7	30.8	48	14	----	----	----	----	----	----	----	----	----	----
April	29.32	29.34	30.20	28.98	----	38.2	----	42.4	----	----	----	----	44.9	35.6	40.2	52	32	----	----	----	----	----	----	----	----	----	----
May	29.76	29.78	30.32	29.20	----	39.0	----	45.0	----	----	----	----	48.0	36.4	42.2	56	29	----	----	----	----	----	----	----	----	----	----
June	29.76	29.78	30.38	29.22	----	43.7	----	48.9	----	----	----	----	51.3	41.8	46.6	57	35	----	----	----	----	----	----	----	----	----	----
July	29.88	29.89	30.34	29.20	----	48.8	----	54.7	----	----	----	----	58.1	45.2	51.6	70	40	----	----	----	----	----	----	----	----	----	----
August	29.76	29.77	30.28	29.36	----	49.2	----	53.4	----	----	----	----	56.2	45.9	51.0	64	40	----	----	----	----	----	----	----	----	----	----
September	29.71	29.72	30.20	28.50	----	48.2	----	51.4	----	----	----	----	54.2	43.1	48.6	63	38	----	----	----	----	----	----	----	----	----	----
October	29.58	29.60	30.22	28.70	----	40.7	----	43.4	----	----	----	----	44.7	38.0	41.4	55	32	----	----	----	----	----	----	----	----	----	----
November	29.66	29.68	30.38	28.46	----	37.9	----	40.0	----	----	----	----	41.7	33.5	37.6	50	24	----	----	----	----	----	----	----	----	----	----
December	29.31	29.32	30.07	28.60	----	33.0	----	33.4	----	----	----	----	36.3	28.7	32.5	42	15	----	----	----	----	----	----	----	----	----	----
Year	29.59	29.61	30.38	28.32	----	39.5	----	42.8	----	----	----	----	45.3	36.2	40.3	70	13	----	----	----	----	----	----	----	----	----	----

FAIRBANKS, ALASKA

[ϕ=64°51′ N.; λ=147°39′ W.]

	(1)	(1)				(2)	(4)	(3)		(3)	(4)	(3)							(3)	(4)	(3)			(4)	(4)	(3)	
January	29.40	29.97	29.97	28.78	----	-1.1	-2.9	11	----	-1.7	-3.4	0.4	9.9	-13.1	-1.6	42	-42	----	-4	-6	-2	-4	----	84	85	83	84
February	29.37	29.94	30.18	28.73	----	-4.0	-6.6	80	----	-4.6	-7.1	65	11.3	-11.5	-0.1	43	-25	----	-8	-10	0	-6	----	81	83	70	78
March	29.31	29.86	30.05	28.60	----	6.2	8.4	23.2	----	5.3	7.1	19.0	25.8	-0.5	12.6	53	-26	----	1	2	8	4	----	79	83	50	71
April	29.31	29.83	29.64	28.74	----	34.0	43.6	55.4	----	30.7	36.6	42.2	57.4	29.9	43.6	69	22	----	26	27	24	26	----	72	52	30	51
May	29.35	29.86	29.78	28.86	----	39.9	50.8	59.4	----	36.8	43.2	46.6	61.9	36.6	49.2	80	28	----	32	34	32	33	----	76	55	38	56
June	29.36	29.86	29.66	29.07	----	51.1	57.6	67.6	----	48.2	53.0	54.8	71.5	48.7	60.1	78	40	----	45	46	44	45	----	83	61	44	63
July	29.43	29.93	29.89	28.97	----	52.0	62.6	71.9	----	50.0	55.1	57.2	74.5	49.5	62.0	89	42	----	48	50	48	48	----	88	64	42	65
August	29.20	29.70	29.72	28.85	----	48.0	55.6	68.3	----	46.5	50.7	55.2	70.8	44.5	57.6	80	39	----	45	46	44	45	----	90	73	45	69
September	29.23	29.74	29.79	28.46	----	41.3	42.5	53.5	----	38.9	39.7	45.4	55.2	36.2	45.7	77	17	----	36	37	37	37	----	84	81	56	74
October	29.12	29.65	29.58	28.61	----	26.5	26.8	35.9	----	25.1	25.6	32.0	37.0	21.8	29.4	55	8	----	23	24	26	24	----	85	88	69	81
November	29.48	30.04	30.12	28.50	----	55	4.7	11.7	----	4.5	3.9	10.1	16.7	-3.8	6.4	32	-20	----	0	0	4	1	----	76	79	71	75
December	29.14	29.71	29.94	28.46	----	-4.3	-5.0	-2.8	----	-5.1	-5.5	-3.4	3.8	-11.8	-4.0	45	-38	----	-10	-9	-7	-8	----	76	80	79	79
Year	29.31	29.84	30.18	28.46	----	24.6	28.2	37.8	----	22.9	24.9	30.5	41.3	18.9	30.1	89	-42	----	20	20	21	20	----	81	74	56	70

[1] No diurnal change.
[2] Hours 12:00 a. m. and 12:00 p. m. 165th meridian time.
[3] Hours 2:30 a. m. and 2:30 p. m. 150th meridian time.
[4] Hour 8:30 p. m. 150th meridian time.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

DUTCH HARBOR, ALASKA

[H=40 ft.; H_b=13 ft.; H_t=4 ft.; H_r=3 ft.; H_a=50 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind					Number of days																
					By self-register													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 more	Clear	Partly cloudy	Cloudy	Precipitation 0.01 inch or over	Precipitation 0.04 inch or over	Snow Trace or more	Snow 0.01 inch or more melted	Hail	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	13.53	3.73	----	8.6	----	N.	----	----	----	2	6	23	25	21	----	----	----	----	----	----	----	7	0	0	15	0	0
February	14.34	2.62	----	8.6	----	SE.	----	----	----	2	5	22	24	19	----	----	----	----	----	----	----	7	0	0	17	0	0
March	6.79	1.71	----	8.4	----	NW.	----	----	----	2	4	25	26	23	----	----	----	----	----	----	----	9	0	0	24	0	0
April	7.29	1.59	----	8.7	----	SE.	----	----	----	0	5	25	27	24	----	----	----	----	----	----	----	0	0	0	1	0	0
May	23.8	.53	----	8.2	----	NW	----	----	----	0	7	23	18	12	----	----	----	----	----	----	----	0	0	0	2	0	0
June	31.0	1.11	----	8.6	----	NE.	----	----	----	2	5	23	21	13	----	----	----	----	----	----	----	0	0	0	0	0	0
July	1.39	.58	----	8.7	----	SE.	----	----	----	0	6	25	17	8	----	----	----	----	----	----	----	0	0	0	0	0	0
August	2.41	.63	----	8.0	----	SW.	----	----	----	2	5	24	25	14	----	----	----	----	----	----	----	0	0	0	0	0	0
September	8.50	1.86	----	8.3	----	SE.	----	----	----	0	10	20	23	18	----	----	----	----	----	----	----	0	0	0	0	0	0
October	6.23	.79	----	7.9	----	NW	----	----	----	2	9	20	28	24	----	----	----	----	----	----	----	0	0	0	1	0	0
November	8.05	1.82	----	7.4	----	NW	----	----	----	4	6	20	26	21	----	----	----	----	----	----	----	0	0	0	14	0	0
December	5.32	.51	----	7.6	----	SW.	----	----	----	1	9	21	29	27	----	----	----	----	----	----	----	5	0	0	24	0	0
Year	79.24	3.73	----	16.5	----	NW.	----	----	----	17	77	271	578	224	----	----	----	----	----	----	----	28	0	0	98	0	0

FAIRBANKS, ALASKA

[H=440 ft.; H_b=454 ft.; H_t=11 ft.; H_r=61 ft.; H_a=87 ft.]

January	1.34	0.77	27.1	6.4	4.4	N.	31	SW.	0	8	7	16	10	6	15	10	0	2	1	1	1	28	0	0	31	27	0
February	.08	.03	2.0	4.6	4.1	N.	20	E.	0	14	4	11	3	0	5	3	0	2	2	2	1	27	0	0	29	27	0
March	.03	.01	1.3	6.1	5.0	N.	24	NE.	0	8	8	15	3	0	9	3	0	0	0	0	0	22	0	0	31	16	0
April	.27	.21	T	5.1	6.4	E.	29	SW.	0	11	8	11	4	2	3	1	1	0	0	0	0	0	0	0	24	0	0
May	1.39	.52	.0	6.7	6.4	N.	24	E.	0	6	10	15	9	6	0	0	1	0	0	0	0	0	0	0	5	0	1
June	2.10	.71	.0	7.4	6.5	E.	24	E.	0	3	7	20	13	9	0	0	1	1	0	0	0	0	0	0	0	0	6
July	.94	.25	.0	7.7	5.8	W.	27	SW.	0	2	9	20	13	9	0	0	0	2	2	0	0	0	0	0	0	0	0
August	2.13	1.11	.0	6.9	5.3	E.	21	SW.	0	4	10	17	8	5	0	0	1	1	1	0	0	0	0	0	0	0	1
September	.75	.18	T	8.1	6.2	E.	20	SW.	0	2	6	22	10	6	1	0	0	1	1	1	1	0	0	0	10	0	0
October	.53	.17	6.1	8.0	4.6	E.	20	E.	0	2	7	22	8	6	13	7	0	10	2	0	0	10	0	0	30	0	0
November	.54	.22	6.7	5.9	5.0	E.	27	SW	0	9	5	16	7	5	12	7	0	4	1	1	0	30	0	0	30	21	0
December	.29	.07	5.7	6.2	3.3	N.	19	W.	0	7	11	13	8	4	12	8	0	2	2	1	1	29	0	0	31	27	0
Year	10.45	1.11	48.9	6.6	5.2	E.	31	SW.	0	76	92	198	96	58	70	39	4	25	12	6	4	146	0	0	221	118	8

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

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
	In. (1)	In. (1)	In.	In.	° (2)	° (3)	° (2)	° (3)	° (2)	° (3)	° (2)	° (3)	°	°	°	°	°	° (2)	° (3)	° (2)	° (3)	°	% (2)	% (3)	% (2)	% (3)	%
January	29.82	29.91	30.21	29.05	33.1	32.8	32.6	33.8	30.1	29.7	29.7	30.7	37.1	28.6	32.8	48	14	24	24	24	25	24	71	72	73	72	72
February	29.74	29.83	30.52	29.10	32.4	30.9	31.5	34.5	28.8	27.5	28.0	29.8	36.4	28.0	32.2	47	10	19	18	19	19	19	62	62	61	55	60
March	29.71	29.80	30.28	28.99	35.0	33.4	35.8	39.3	32.8	31.6	32.9	34.7	40.8	30.5	35.6	53	17	29	28	28	27	28	79	82	74	63	74
April	29.86	29.55	30.35	29.16	44.4	40.2	46.6	51.3	40.2	37.6	40.8	42.6	53.0	37.7	45.4	64	30	34	34	33	31	33	70	81	62	50	66
May	29.89	29.98	30.17	29.11	48.1	43.8	49.9	54.3	44.1	41.5	44.5	46.0	56.0	42.1	49.0	76	36	40	39	38	37	38	75	83	67	56	70
June	29.94	30.03	30.20	29.44	52.9	48.9	54.5	57.1	48.8	46.8	49.2	49.9	59.0	47.2	53.1	74	41	45	45	44	43	44	76	86	70	63	74
July	29.91	30.00	30.25	29.58	58.3	53.8	59.0	63.4	54.7	52.2	54.6	56.2	65.4	52.2	58.8	81	46	52	51	51	51	51	80	90	76	66	78
August	29.81	29.90	30.19	29.13	53.9	51.7	54.3	57.9	51.9	50.4	51.6	52.7	59.5	50.0	54.8	72	46	50	49	49	48	49	88	91	84	73	84
September	29.83	29.92	30.28	29.30	51.3	49.8	52.1	55.4	49.4	48.0	49.2	51.1	56.8	47.5	52.2	67	40	48	46	46	47	47	88	88	82	76	83
October	29.64	29.72	30.24	28.95	45.1	44.6	46.3	47.6	42.8	42.3	43.4	44.0	50.4	41.2	45.8	58	32	40	40	40	40	40	84	84	81	76	81
November	29.90	29.99	30.29	29.34	33.8	33.5	33.8	34.9	30.7	30.1	30.4	31.3	37.6	29.9	33.8	49	20	25	22	23	24	24	70	65	65	65	66
December	29.58	29.67	30.48	29.00	35.3	34.6	35.0	35.5	33.5	32.9	33.1	33.4	38.4	31.1	34.8	49	15	30	30	30	30	30	82	83	82	81	82
Year	29.80	29.89	30.52	28.95	43.6	41.5	44.3	47.1	40.6	39.2	40.6	41.9	49.2	38.8	44.0	81	10	36	36	35	35	36	77	81	73	66	74

KODIAK, ALASKA

[ϕ=57°48′ N.; λ=152°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	29.48	29.65	30.11	28.71	----	36.9	----	38.2	----	----	----	36.5	40.0	33.7	36.8	52	26	----	33	----	34	33	----	----	----	----	----
February	29.42	29.59	30.37	28.62	----	35.6	----	39.4	----	----	----	----	40.8	33.3	37.0	44	25	----	34	----	35	35	----	----	----	----	----
March	29.41	29.58	30.16	28.54	----	31.7	----	36.3	----	----	----	36.5	38.9	29.1	34.0	48	5	----	27	----	28	28	----	----	----	----	----
April	29.54	29.71	29.96	28.95	----	39.0	----	43.4	----	----	----	41.7	45.4	37.3	41.4	49	33	----	38	----	40	39	----	----	----	----	----
May	29.65	29.82	30.08	29.09	----	42.2	----	49.0	----	----	----	----	52.0	39.5	45.8	65	34	----	39	----	41	40	----	----	----	----	----
June	29.69	29.86	30.07	29.27	----	46.2	----	50.9	----	----	----	----	52.7	43.8	48.2	64	39	----	44	----	47	46	----	----	----	----	----
July	29.72	29.89	30.24	29.33	----	50.9	----	58.5	----	----	----	----	62.4	48.2	55.3	73	40	----	48	----	52	50	----	----	----	----	----
August	29.49	29.66	30.01	28.86	----	51.2	----	57.0	----	----	----	----	60.2	49.2	54.7	68	45	----	49	----	51	50	----	----	----	----	----
September	29.53	29.70	30.14	28.70	----	47.2	----	53.4	----	----	----	----	56.5	44.3	50.4	60	38	----	42	----	43	43	----	----	----	----	----
October	29.23	29.40	29.71	28.13	----	40.5	----	45.6	----	----	----	----	48.1	37.8	43.0	57	25	----	36	----	36	36	----	----	----	----	----
November	29.58	29.74	30.28	28.72	----	36.0	----	40.2	----	----	----	----	42.6	33.4	38.0	47	25	----	----	----	----	----	----	----	----	----	----
December	29.19	29.36	29.75	28.42	----	36.2	----	37.8	----	----	----	----	39.8	33.8	36.8	45	22	----	----	----	----	----	----	----	----	----	----
Year	29.49	29.66	30.37	28.13	----	57.6	----	45.8	----	----	----	----	48.3	38.6	43.4	73	5	----	39	----	41	40	----	----	----	----	----

NOME, ALASKA

[ϕ=64°30′ N.; λ=165°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	29.87	29.89	30.34	29.19	----	11.0	----	12.1	----	9.8	----	10.6	16.8	-0.6	8.1	42	-33	----	1	----	4	3	----	74	----	68	71
February	29.85	29.87	30.46	29.16	----	3.9	----	11.6	----	2.8	----	10.0	15.8	-3.1	6.4	36	-27	----	-4	----	3	-1	----	67	----	66	67
March	29.85	29.87	30.58	29.10	----	9.6	----	18.4	----	8.4	----	16.3	20.8	2.8	11.8	34	-19	----	3	----	9	6	----	72	----	66	69
April	29.75	29.77	30.08	29.28	----	33.2	----	39.6	----	30.5	----	35.2	43.3	28.0	35.6	60	8	----	26	----	29	28	----	74	----	66	70
May	29.86	29.88	30.32	29.30	----	38.0	40.6	42.8	----	35.5	37.5	39.3	46.4	33.6	40.0	58	26	----	32	34	35	34	----	80	76	73	77
June	29.87	29.89	30.22	29.58	----	47.4	51.9	53.3	----	44.1	47.2	48.3	57.4	43.1	50.2	76	34	----	40	42	44	42	----	79	73	72	75
July	29.85	29.87	30.20	29.44	----	50.7	51.6	52.5	----	49.1	49.6	50.2	55.1	47.9	51.5	65	39	----	48	48	48	48	----	90	87	85	88
August	29.66	29.68	30.12	29.27	----	47.7	51.9	55.1	----	45.9	48.7	51.1	57.4	43.4	50.4	68	35	----	44	46	48	46	----	88	80	78	82
September	29.60	29.62	30.10	29.00	----	41.7	43.1	47.8	----	39.9	41.0	43.8	49.3	37.3	43.3	55	24	----	37	38	39	38	----	85	84	73	80
October	29.59	29.61	30.04	28.95	----	29.1	28.8	34.7	----	27.2	27.1	31.4	36.2	24.6	30.4	46	12	----	24	24	26	25	----	80	80	69	77
November	29.76	29.78	30.33	28.74	----	25.2	24.2	25.6	----	23.7	22.5	23.9	29.4	19.3	24.4	38	6	----	20	19	20	20	----	79	78	77	78
December	29.60	29.62	30.66	28.98	----	11.4	11.3	11.1	----	10.4	10.3	10.0	16.7	4.1	10.4	34	-23	----	6	5	4	5	----	77	74	73	75
Year	29.76	29.78	30.66	28.74	----	29.1	37.9	33.7	----	27.3	35.5	31.0	37.0	23.4	30.2	76	-33	----	23	32	26	24	----	79	79	72	76

[1] No diurnal change.
[2] Hours 10:30 a. m. and 10:30 p. m. 120th meridian time.
[3] Hours 4:30 a. m. and 4:30 p. m. 120th meridian time.
[4] Hours 1:30 a. m. and 1:30 p. m. 150th meridian time.
[5] Hours 1:00 a. m. and 1:00 p. m. 165th meridian time.
[6] Hours 7:30 p. m. 165th meridian time.

TABLE 16.—*Annual meteorological summaries for the year ended Dec. 31, 1940*—Continued

JUNEAU, ALASKA

[H=72 ft.; H_b=80 ft.; H_t=96 ft.; H_r=88 ft.; H_a=116 ft.]

Month	Precipitation			Cloudiness 0 to 10	Wind				Number of days																	
					By self-register								Precipitation		Snow			Fog				Maximum temperature			Minimum temp.		
	Total	Maximum in 24 hours	Total snowfall		Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
	In.	In.	In.		Mi.		Mi.																				
January	4.01	1.08	14.0	9.1	6.7	W.	26	SE.	0	1	4	26	17	13	14	9	0	6	3	3	1	6	0	0	21	0	0
February	2.23	.99	.9	5.5	8.7	NE.	37	NE.	2	11	3	15	8	8	9	3	0	5	2	5	3	7	0	0	16	0	0
March	5.18	1.26	32.2	8.7	7.0	SE.	24	NE.	0	3	3	25	22	20	15	13	0	1	1	0	0	5	0	0	18	0	0
April	3.32	.94	.0	6.9	6.6	S.	27	NE.	0	7	5	18	14	10	0	0	1	3	0	0	0	0	0	0	3	0	0
May	6.40	1.92	.0	8.1	6.8	S.	25	E.	0	4	3	24	19	18	0	0	0	0	0	0	0	0	0	0	0	0	0
June	6.11	.90	.0	8.5	6.6	S.	29	E.	0	1	7	22	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0
July	4.46	1.32	.0	7.9	6.2	S.	24	SE.	0	4	7	20	13	12	0	0	0	5	2	2	2	0	0	0	0	0	0
August	10.79	1.87	.0	8.7	7.6	SE.	28	SE.	0	1	5	25	24	22	0	0	0	4	3	2	1	0	0	0	0	0	0
September	9.31	1.03	.0	8.0	7.6	S.	31	E.	0	6	1	23	23	21	0	0	0	11	7	5	1	0	0	0	0	0	0
October	9.67	3.00	.0	9.6	7.0	S.	30	E.	0	0	1	30	23	20	0	0	0	5	2	1	1	0	0	0	1	0	0
November	6.75	1.82	5.1	7.6	9.1	NE.	30	NE.	0	5	5	20	14	12	15	5	0	1	1	1	0	4	0	0	22	0	0
December	6.22	1.29	10.8	8.4	7.1	SE.	24	NE.	0	5	0	26	21	20	7	4	0	10	5	4	1	6	0	0	17	0	0
Year	74.45	3.00	63.0	8.1	7.2	S.	37	NE.	2	48	44	274	219	194	60	34	1	51	26	23	10	28	0	0	98	0	0

KODIAK, ALASKA

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

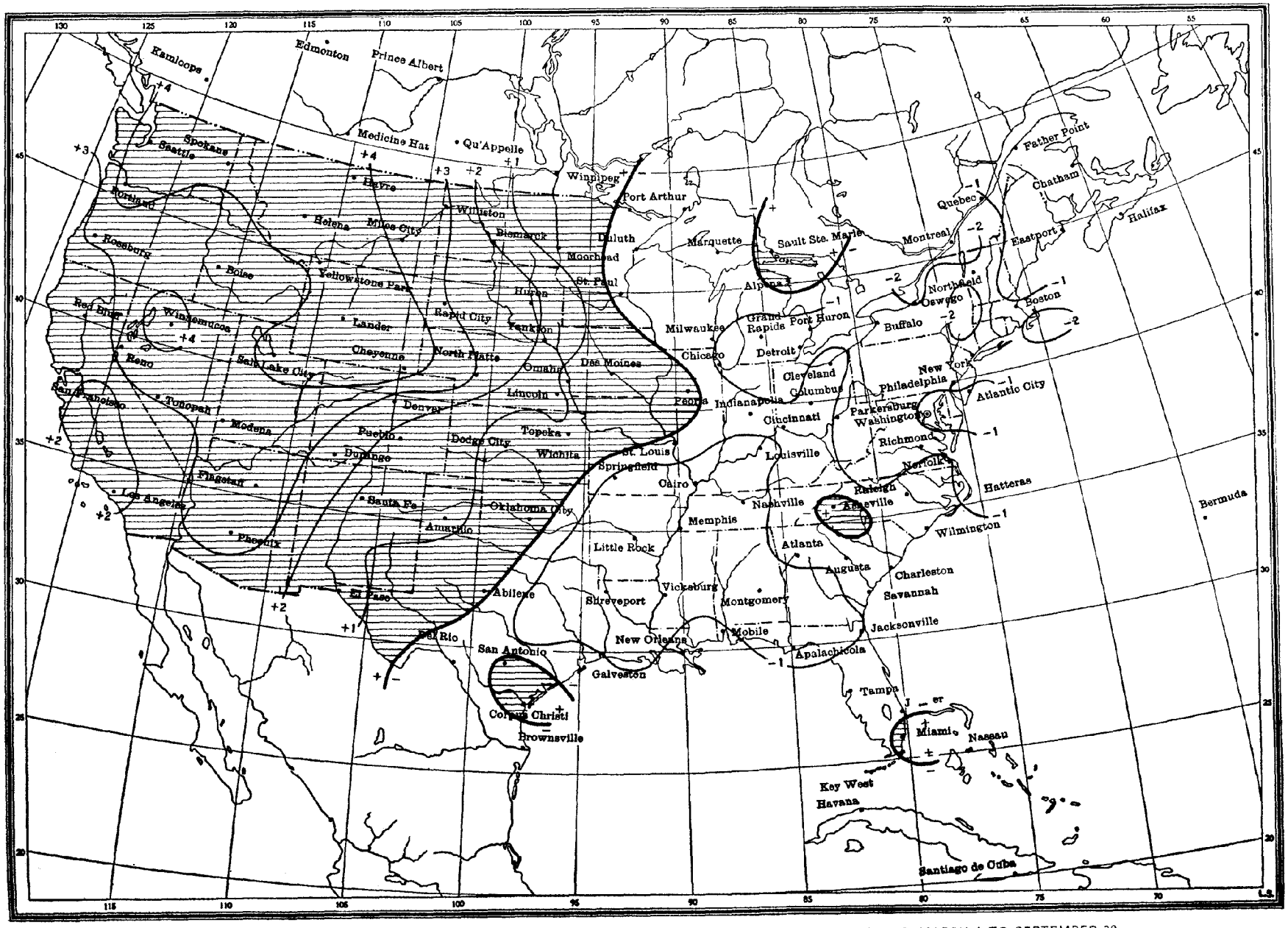
Month	Total	Maximum in 24 hours	Total snowfall	Cloudiness 0 to 10	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
January	12.75	2.36	5.3	8.6	7.1	NE.	26	SE.	0	3	4	24	21	13	8	5	0	7	2	0	1	0	0	0	13	0	0
February	6.97	1.41	3.5	8.4	7.0	NE.	25	NE.	0	4	1	24	23	20	7	4	0	2	0	0	1	0	0	0	10	0	0
March	4.59	1.07	6.1	6.8	8.9	NW.	34	NW.	1	7	5	19	24	16	13	12	0	0	0	0	0	4	0	0	18	0	0
April	8.73	1.60	.0	8.8	8.1	NE.	26	SE.	0	1	6	23	23	20	0	0	0	6	1	1	0	0	0	0	0	0	0
May	6.46	1.16	.0	7.4	8.0	NE.	25	E.	0	6	5	20	25	21	0	0	1	3	0	0	0	0	0	0	0	0	0
June	8.27	2.22	.0	8.5	6.9	NE.	22	E.	0	3	1	26	22	20	0	0	0	4	0	0	2	0	0	0	0	0	0
July	1.73	.48	.0	7.4	6.7	SE.	29	N.	0	8	3	20	14	9	0	0	0	5	2	0	1	0	0	0	0	0	0
August	8.80	2.56	.0	8.6	5.8	NE.	19	SE.	0	0	7	24	27	25	0	0	0	2	2	0	1	0	0	0	0	0	0
September	5.23	1.13	.0	6.8	8.5	SE.	34	SW.	1	7	6	17	21	18	0	0	0	2	0	0	2	6	0	0	0	0	0
October	9.66	2.08	2.3	7.0	8.7	NE.	30	SE.	0	7	9	15	21	17	3	1	0	3	0	0	1	0	0	0	5	0	0
November	3.50	.63	1.4	6.3	7.6	SE.	39	SW.	1	10	5	15	14	12	2	1	0	4	0	0	1	0	0	0	12	0	0
December	9.49	1.18	.3	7.7	7.7	SE.	32	SE.	1	6	4	21	19	17	7	1	0	5	0	0	0	1	0	0	14	0	0
Year	86.18	2.56	18.9	76.9	7.7	NE.	39	SW.	4	62	56	248	254	208	40	24	1	43	7	1	10	5	0	0	72	0	0

NOME, ALASKA

[H=17 ft.; H_b=22 ft.; H_t=25 ft.; H_r=39 ft.; H_a=56 ft.]

Month	Total	Maximum in 24 hours	Total snowfall	Cloudiness 0 to 10	Average hourly velocity	Prevailing direction	Maximum velocity	Direction at time of maximum velocity	Days with 32 miles or over	Clear	Partly cloudy	Cloudy	0.01 inch or over	0.04 inch or over	Trace or more	0.01 inch or more melted	Hail	Light	Moderate	Thick	Dense	32° or below	90° or above	95° or above	32° or below	0° or below	Thunderstorm
January	.45	.33	4.5	5.8	8.7	NE.	32	NE.	1	12	2	17	8	1	12	8	0	2	0	0	0	25	0	0	31	14	0
February	.40	.16	4.0	4.3	8.9	NE.	35	E.	3	15	3	11	6	2	9	6	0	1	0	0	0	24	0	0	29	16	0
March	.37	.10	3.6	4.8	7.7	N.	35	N.	2	16	2	13	10	4	16	10	0	6	4	3	2	27	0	0	31	14	0
April	.72	.42	3.6	6.6	10.1	NE.	35	NE.	1	6	9	15	9	3	6	4	0	3	3	3	2	4	0	0	20	0	0
May	.56	.25	.6	7.4	7.8	W.	23	NE.	0	3	8	20	8	4	5	3	0	8	4	4	2	0	0	0	13	0	0
June	.06	.06	.0	6.8	9.2	W.	26	W.	0	5	12	13	1	1	0	0	0	10	3	4	5	0	0	0	0	0	0
July	2.72	.54	.0	9.3	11.8	SE.	26	SW.	0	0	3	28	21	17	0	0	0	13	3	0	1	0	0	0	0	0	0
August	1.27	.42	.0	7.5	9.5	N.	37	S.	1	4	9	18	13	18	0	0	0	7	1	0	0	0	0	0	6	0	0
September	3.72	1.17	T	8.7	12.6	N.	34	S.	2	1	5	24	20	16	4	0	1	4	1	0	0	10	0	0	26	0	0
October	.37	.12	1.7	7.0	9.7	N.	33	N.	2	6	8	17	8	3	12	6	0	9	4	4	2	19	0	0	28	0	0
November	1.03	.26	7.5	8.5	14.6	E.	43	SE.	6	3	4	23	14	8	20	11	0	5	3	0	0	29	0	0	31	7	0
December	.62	.31	5.0	7.2	8.3	N.	36	N.	3	6	5	20	10	7	20	10	0										
Year	12.29	1.17	30.5	7.0	9.9	N.	43	SE.	21	77	70	219	128	74	104	58	1	73	28	21	16	138	0	0	215	51	0

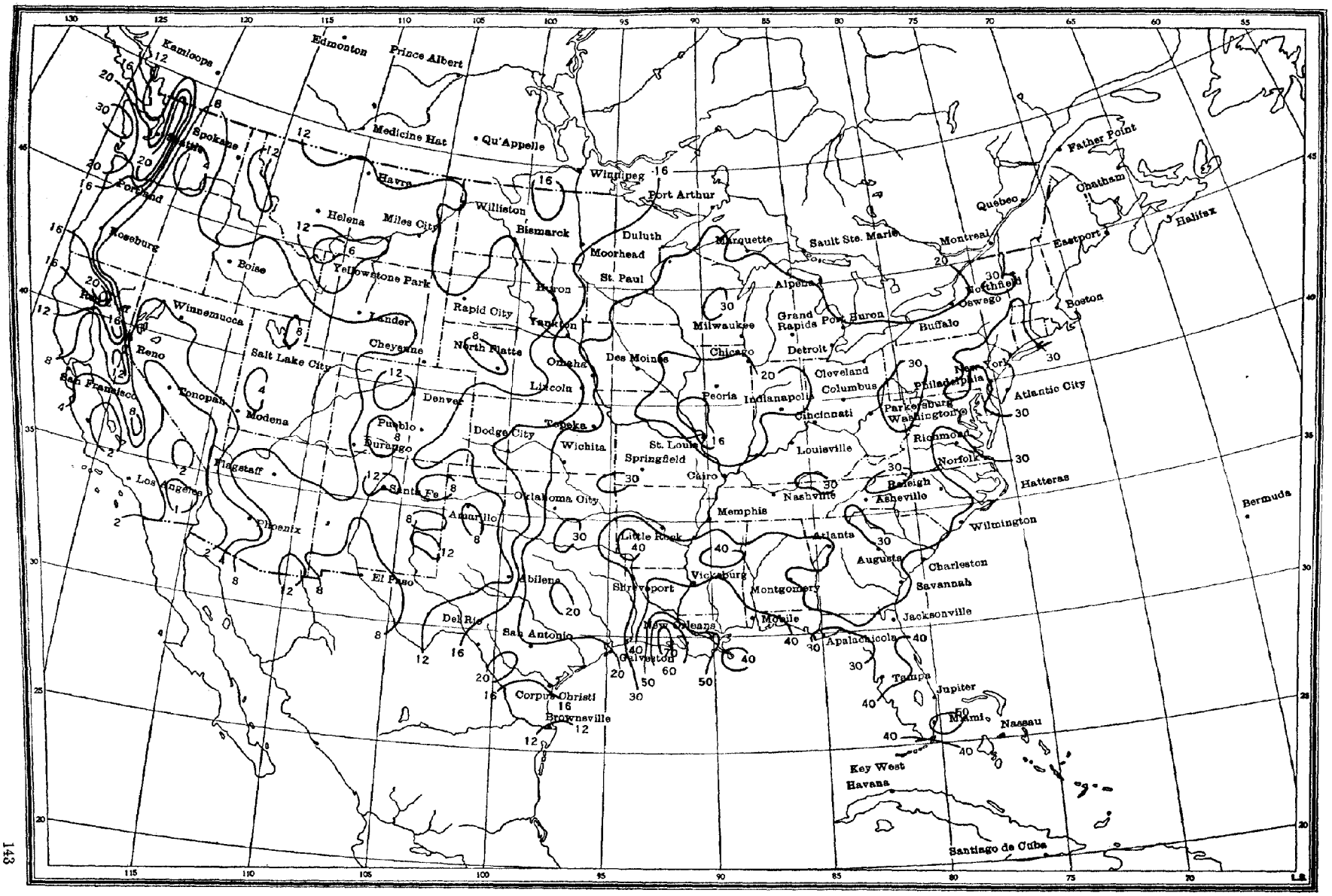
CHART 1



DEPARTURE FROM NORMAL TEMPERATURE, IN DEGREES FAHRENHEIT, FOR THE CROP SEASON OF 1940, MARCH 1 TO SEPTEMBER 30

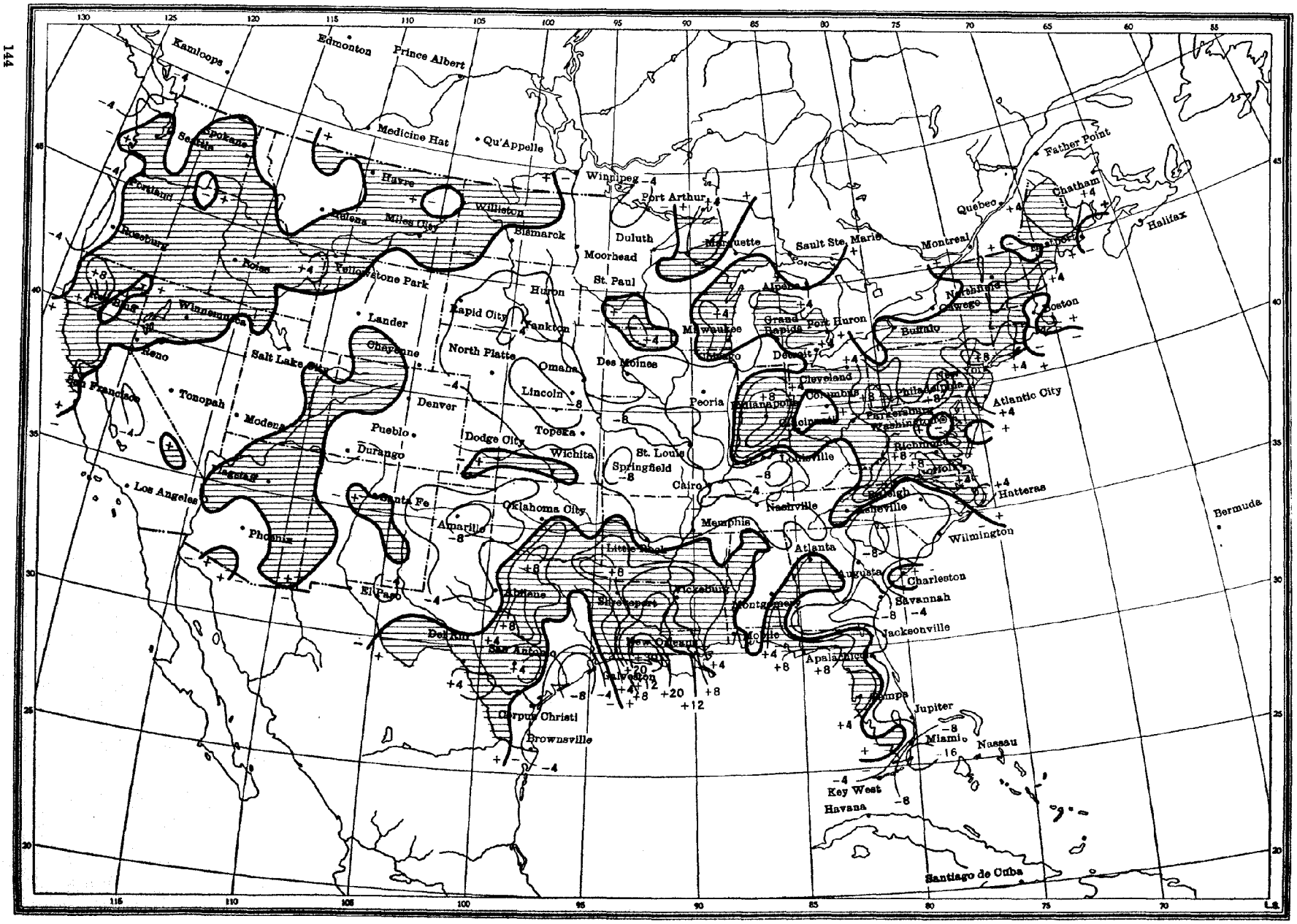
Shaded portions show excess (+) and unshaded portions deficiency (−) of temperature. Figures show mean daily excess (+) or deficiency (−) of temperature over areas bounded by light lines

CHART 2



TOTAL PRECIPITATION, INCHES, FOR THE CROP SEASON OF 1940, MARCH 1 TO SEPTEMBER 30

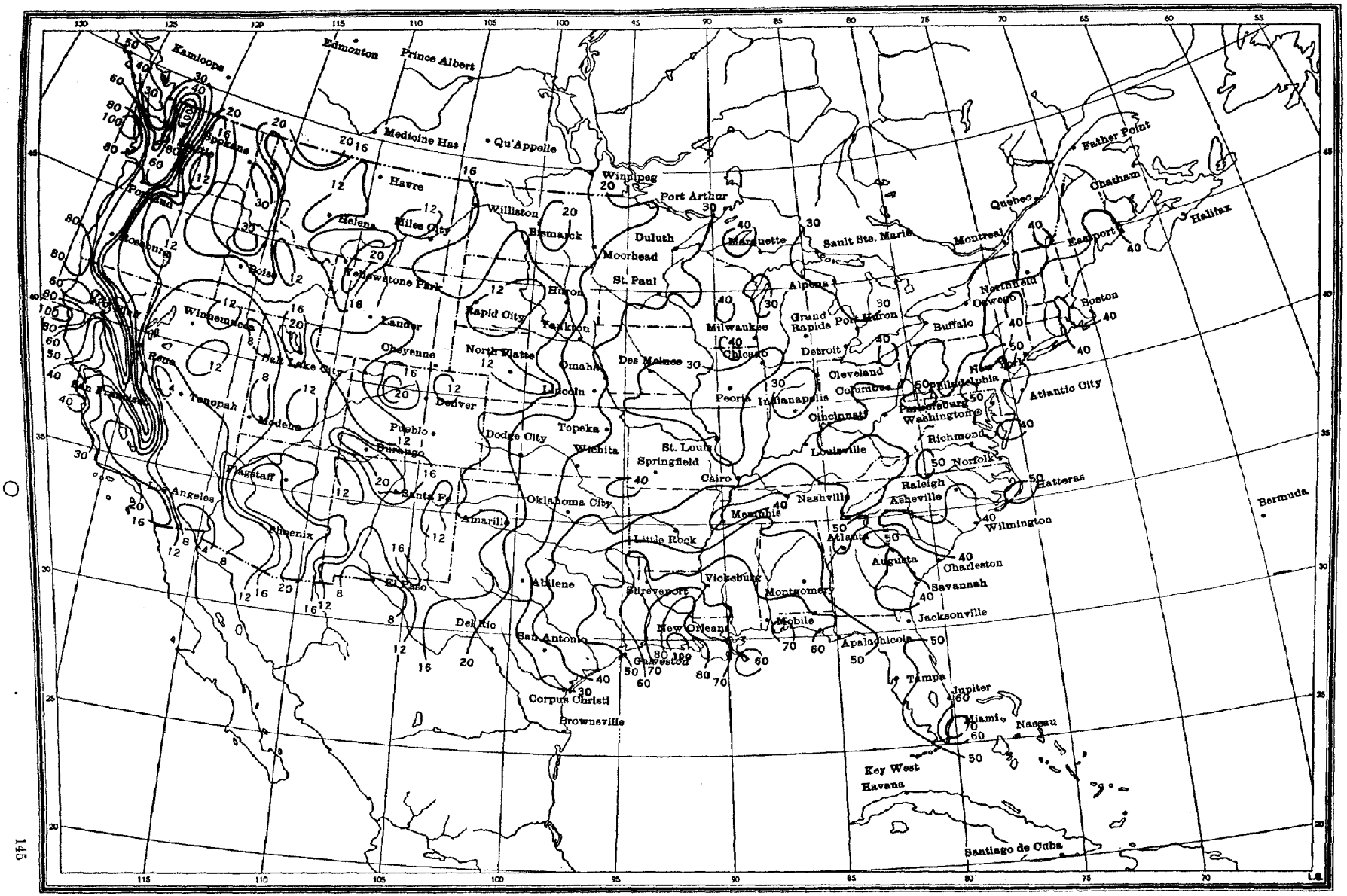
CHART 3



DEPARTURE FROM NORMAL PRECIPITATION FOR THE CROP SEASON OF 1940, 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 1940