CLIMATOLOGICAL DATA FOR MARCH 1947

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS

[For description of tables and charts, see Review, January 1943, p. 15]

In the following table are given for the various sections of the climatological service of the Weather Bureau the monthly average temperature and total rainfall, the stations reporting the highest and lowest temperatures, with dates of occurrence, the stations reporting the greatest and least total precipitation, and other data as indicated by the several headings.

The mean temperature for each section, the highest and lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperatures and precipitation are based only on records from stations that have 10 or more years of observations. Of course, the number of such records is smaller than the total number of stations.

Section	Temperature								Precipitation					
	Section average	Departure from the normal	Monthly extremes						Section average	Departure from the normal	Greatest monthly		Least monthly	
			Station	Highest	Date	Station	Lowest	Date			Station	Amount	Station	Amount
	°F.	°F.		°F.			°F.		In.	In.		In.		In.
Alabama	50.2	−5.8	5 stations	87	24	Fayette	14	3	7.13	+1.39	Fairhope	17.13	Huntsville	3.29
Arizona	53.0	+1.6	2 stations	95	20	Alpine	5	5	.13	−.93	Benson	.83	34 stations	.00
Arkansas	45.0	−7.5	do	79	21	Devils Knob	5	2	2.69	−2.05	Camden	7.26	Marshall	.64
California	53.1	+1.8	Greenland Ranch	99	22	Ellery Lake	−8	6	3.21	−.47	Squaw Creek	23.10	Independence	.00
Colorado	34.0	−.6	2 stations	82	23	Hayden	−25	1	.97	−.35	Silver Lake	3.50	2 stations	T
Florida	61.2	−4.1	Belle Glade	91	22	High Springs	21	3	6.84	+3.56	Crestview	16.27	Peters	.69
Georgia	48.9	−7.7	3 stations	85	24	Clayton	12	3	6.87	+1.84	Blakely	11.30	Waycross	3.75
Idaho	39.9	+4.1	do	78	16	Island Park Dam	−30	1	1.72	−.05	Roland	5.60	Howe	T
Illinois	34.8	−6.2	Mount Vernon	72	23	2 stations	0	3	2.45	−.72	Medora	4.55	Golena	1.15
Indiana	33.8	−7.1	Tell City	71	31	Forest Reserve	1	28	2.17	−1.57	Huntingburg	4.24	Berne	1.21
Iowa	31.8	−3.9	2 stations	79	23	2 stations	−2	3	1.38	−.33	Blockton	3.25	Inwood	.14
Kansas	39.0	−4.5	Ellsworth	86	23	do	−14	2	2.47	+.99	Bethel	5.50	2 stations	.68
Kentucky	38.6	−7.8	Pikeville	77	24	4 stations	−1	28	2.36	−2.37	Waunsit Cove	4.80	Oneonta	.03
Louisiana	54.0	−6.5	North Livingston	89	24	do	23	2	8.30	+3.43	Covington	19.24	Colfax	3.84
Maryland-Delaware	37.5	−5.4	4 stations	71	14	Oakland, Md	−6	1	1.68	−1.90	Oakland, Md	3.20	Annapolis, Md	.88
Michigan	27.2	−2.8	Mount Clemens	62	23	Kenton	−20	18	1.71	−.37	Milford	3.41	Stambaugh	.50
Minnesota	24.9	−1.9	2 stations	70	22	2 stations	−20	1	.68	−.54	Albert Lea	1.96	Ada	.05
Mississippi	50.1	−6.9	Columbia	88	24	5 stations	16	3	6.08	+.21	Biloxi	15.20	Lake Cormorant	2.29
Missouri	28.8	−4.5	Cape Girardeau	73	14	Conception	−8	7	2.80	−.43	Ozark	1.12	4 stations	.00
Montana	29.6	−1.7	Thompson Falls	71	28	Big Sandy	−41	5	.96	−.02	Mystic Lake	3.59	Pendroy	.09
Nebraska	33.9	−2.7	St. Paul	83	22	2 stations	−15	1	.61	−.51	Falls City	3.09	Mullen	.00
Nevada	44.8	+4.2	Overton	90	17	Geyser	9	5	.32	−.67	Jarbidge	2.25	5 stations	T
New England	31.9	−.5	Lake Cochituate, Mass.	61	24	First Connecticut Lake.	−19	1	3.16	−.45	Searsburg Station, Vt.	7.08	Essex Junction, Vt.	1.42
New Jersey	36.4	−3.0	Plainfield	67	14	Layton	0	1	2.71	−1.10	Elizabeth	4.52	Tuckerton	1.43
New Mexico	43.1	−.6	4 stations	87	26	Eagle Nest	−10	10	.38	−.37	Red River	1.56	3 stations	.00
New York	30.2	−2.1	Elmira	65	23	Stillwater Reservoir	−10	31	3.27	+.21	Boonville	9.03	Dansville	1.09
North Carolina	42.1	−7.6	Tapoco	79	24	Mount Mitchell	−1	4	3.53	−.68	New Bern	6.18	Montreat	.88
North Dakota	22.3	−1.7	2 stations	66	22	Westhope	−23	6	.34	−.45	Marmarth	.86	Gackle	.04
Ohio	33.1	−5.9	Mount Lookout	74	23	Mansfield	6	28	1.68	−1.77	Cleveland (Airport)	4.15	2 stations	.74
Oklahoma	45.3	−5.5	Altus	87	31	2 stations	0	2	1.53	−.65	Valliant	4.67	Meeker	T
Oregon	43.9	+2.9	Oakridge	85	15	Olive Lake	−4	7	3.04	+.29	Illahe	13.64	Owyhee Dam	.38
Pennsylvania	31.8	−5.9	York	67	14	Kane	−8	1	2.27	−1.23	Mount Pocono	4.93	Midland	1.07
South Carolina	46.8	−7.9	Calhoun Falls	84	24	Caesars Head	12	3	5.25	+1.24	Miley	9.62	St. Paul	2.41
South Dakota	28.0	−3.3	Tyndall	80	22	Camp Crook	−27	6	.64	−.48	Harveys Ranch	1.89	Eureka	.03
Tennessee	41.1	−8.4	Chattanooga	82	4	Crossville	5	3	3.15	−2.18	Balinay	4.54	Halls	1.72
Texas	53.1	−5.4	Rio Grande	100	28	Dalhart	2	7	2.37	+.38	Orange	7.33	4 stations	.00
Utah	41.6	+3.2	St. George	82	21	Woodruff	−11	1	.93	−.51	Alta	5.40	7 stations	T
Virginia	37.7	−8.1	Gordonsville	76	23	Mountain Lake	1	11	2.39	−1.24	Burkes Garden	5.51	Barcroft	.89
Washington	44.2	+2.7	2 stations	82	15	Wilson Creek	2	5	2.43	−.94	Petersons Ranch	11.27	Sunnyside	.18
West Virginia	34.1	−8.3	do	76	23	Bayard	−7	1	2.27	−1.63	Pickens No. 2	7.48	Wardensville	.55
Wisconsin	27.7	−1.8	Meadow Valley	70	23	Rest Lake	−18	18	1.17	−.57	Blair	2.36	P. K. Reservoir	.19
Wyoming	30.4	+.5	2 stations	72	22	Lamar Ranger Station	−34	1	.90	−.24	Bechler River	5.31	Basin	.03
Puerto Rico	76.0	+1.9	do	95	9	Utuado	51	10	1.34	−1.98	San Lorenzo (Espino)	4.85	2 stations	.00

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR MARCH 1947

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
NEW ENGLAND							33.9	+1.7										74	2.80	−0.7											6.1			
Eastport	75	67	85	1,005.1	1,008.1	−4.8	33.0	+4.1	50	15	39	13	27	27	24	994	26	76	3.45	−.4	1.75	13	11.3	w.	52	e.	3	7	5	19	7.2	18.9	.0	1
Greenville, Maine	1,070	6	41	967.8	1.008.1	-----	25.1	+.6	50	24	37	−15	1	14	48	1,234	19	84	4.17	+1.2	1.64	13	5.1	nw.	18	-----	26	5	10	16	----	30.0	17.0	1
Portland, Maine [1]	103	5	43	1,004.4	1,008.1	−5.4	32.5	+1.4	53	15	42	1	1	23	31	1,010	24	75	2.72	−1.1	1.37	9	10.1	w.	50	ne.	3	8	10	13	5.9	4.0	.0	0
Concord [1]	289	4	45	998.0	1,008.8	−5.4	31.5	+2.4	52	13	41	3	1	22	34	1,040	22	72	2.98	.0	1.36	10	8.6	nw.	41	ne.	3	6	10	15	6.3	8.0	.0	1
Burlington [1]	403	6	51	993.2	1,008.5	−6.4	30.4	+1.3	49	25	38	−1	1	22	37	1,076	24	80	1.70	−.3	.48	14	8.9	s.	32	se.	25	2	8	21	7.6	15.1	.4	0
Boston [1]	124	33	62	1,004.4	1,009.1	−5.1	37.7	+2.1	58	24	45	22	1	30	26	847	24	62	2.30	−1.3	1.79	8	13.4	w.	50	e.	3	7	13	11	5.7	.9	.0	0
Nantucket [1]	12	4	34	1,009.1	1,009.5	−4.4	36.2	+.7	50	14	43	21	1	30	23	892	28	76	2.06	−1.7	1.33	8	15.7	nw.	45	sw.	3	11	9	11	5.7	.3	.0	0
Block Island	26	11	46	1,008.8	1,009.8	−4.8	36.8	+1.4	50	14	42	22	26	31	19	878	30	80	3.37	−.5	2.57	5	19.0	w.	49	sw.	3	10	11	10	5.3	T	.0	0
Providence [2]	159	46	60	1,003.7	1,009.8	−4.8	38.4	+2.7	60	24	47	21	1	30	27	822	24	68	3.36	−.1	2.56	5	10.8	nw.	44	sw.	25	7	14	10	5.8	1.5	.0	0
Hartford [1]	159	5	44	1,004.1	1,010.2	−5.0	35.6	+.6	58	24	45	12	1	26	32	909	26	71	2.09	−1.8	1.13	7	10.2	nw.	33	sw.	25	6	12	13	6.3	2.9	.0	1
New Haven [1]	107	5	39	1,006.4	1,010.5	−5.4	35.6	+1.1	52	24	43	15	1	28	29	914	24	66	2.61	−1.2	1.45	9	9.3	w.	35	w.	3	10	7	14	5.5	3.6	.0	0
MIDDLE ATLANTIC							37.8	−2.6										66	2.35	−1.1											6.1			
Albany [1]	97	26	40	1,006.1	1,009.8	−5.8	32.0	+2.2	54	14	40	12	26	24	31	1,021	24	72	1.73	−.9	1.00	9	10.7	w.	38	w.	26	3	10	18	7.3	7.4	.0	0
Binghamton [2]	871	60	79	978.7	1,011.2	−4.4	31.1	−1.5	58	14	40	9	1	23	33	1,052	22	76	2.39	−.2	1.24	16	8.1	w.	32	sw.	25	2	8	21	7.8	20.5	.0	0
New York	314	415	454	999.3	1,011.2	−4.4	37.4	−.3	62	14	44	22	26	31	26	851	24	60	2.77	−.9	1.56	8	18.7	nw.	58	w.	25	11	10	10	5.5	5.3	.0	1
Harrisburg [1]	374	30	49	998.6	1,012.9	−3.7	36.6	−2.3	65	14	45	12	1	28	31	880	24	64	1.37	−1.7	.62	8	10.7	nw.	34	w.	25	3	13	15	6.6	3.6	.0	1
Philadelphia [2]	114	5	57	1,008.1	1,012.5	−4.1	39.0	−1.8	65	14	46	26	27	32	25	808	26	68	2.19	−1.2	.91	11	9.4	w.	26	s.	29	9	13	9	5.5	2.5	.0	2
Reading	323	47	306	1,000.3	1,012.2	−4.1	37.6	−3.0	64	14	46	15	1	30	28	848	-----	-----	2.76	−.8	.95	9	14.5	w.	47	w.	25	5	12	14	6.3	5.5	.0	0
Scranton	805	72	104	982.1	1,012.2	−3.7	33.0	−2.7	60	14	40	11	1	26	31	992	-----	-----	2.75	−.4	1.12	11	8.1	nw.	32	w.	25	2	15	14	6.8	11.7	.0	0
Atlantic City	52	37	172	1,010.5	1,012.5	−3.8	37.6	−1.0	58	24	44	25	1	32	18	848	27	68	2.10	−1.5	.87	10	16.8	w.	46	w.	26	8	11	12	5.9	2.3	.0	0
Trenton	190	89	107	1,004.7	1,011.9	−4.0	38.0	−1.1	65	14	45	21	1	31	26	839	-----	-----	1.90	−1.5	.78	8	11.4	nw.	34	sw.	25	9	11	11	5.6	3.1	.0	2
Baltimore [2]	123	100	215	1,008.8	1,013.5	−3.1	40.4	−1.9	69	14	48	26	1	33	27	764	24	60	1.54	−2.2	.56	8	12.7	sw.	46	sw.	25	9	15	7	5.4	2.8	.0	2
Washington [2]	112	56	100	1,009.8	1,013.2	−3.4	40.2	−2.4	71	14	49	24	1	31	33	769	24	54	1.24	−2.5	.41	10	10.0	nw.	34	w.	25	6	14	11	5.9	3.4	.0	0
Cape Henry	18	8	54	1,013.2	1,013.9	−2.7	41.8	−4.8	71	24	48	27	4	35	33	721	32	70	3.59	−.3	1.09	11	13.8	n.	42	ne.	8	10	7	14	5.6	6.0	.0	0
Lynchburg [1]	686	4	50	988.8	1,013.9	−3.4	38.4	−7.0	70	23	48	16	9	28	38	825	24	64	3.06	−.5	1.00	9	9.6	w.	37	w.	25	9	12	10	5.5	19.1	.0	1
Norfolk [2]	91	80	125	1,011.2	1,014.6	−2.7	42.6	−5.6	70	24	49	27	9	36	30	693	30	70	3.54	−.2	1.09	10	11.4	w.	42	s.	14	10	7	14	6.1	10.0	.0	0
Richmond [2]	144	11	52	1,008.5	1,013.9	−3.0	41.4	−5.8	71	24	51	22	9	32	39	727	28	68	2.30	−1.4	.80	12	9.6	sw.	41	sw.	25	8	14	9	5.8	11.8	.0	0
SOUTH ATLANTIC							46.8	−6.0										70	4.58	+.8											5.8			
Asheville	2,253	77	92	934.3	1,015.9	−2.1	38.9	−6.0	75	24	49	18	3	29	41	806	28	72	2.22	−1.8	.74	11	10.3	nw.	34	nw.	25	10	7	14	6.0	8.5	.0	0
Charlotte [2]	779	63	86	986.8	1,015.2	−2.1	44.3	−6.1	71	24	54	22	3	35	31	640	29	64	3.99	−.2	1.78	12	8.2	ne.	36	sw	25	12	6	13	5.6	1.3	.0	0
Greensboro [1]	886	6	56	983.1	1,015.6	-----	40.4	−6.7	73	23	52	20	9	29	44	765	28	68	2.25	−2.1	.89	12	9.5	ne.	36	w.	25	10	7	14	6.0	8.7	.0	0
Hatteras	11	5	50	1,013.9	1,014.2	−1.3	46.8	−5.2	68	25	53	32	3	40	27	563	40	80	5.36	+1.1	1.32	14	16.4	n.	47	w.	28	7	10	14	6.3	.0	.0	1
Raleigh [2]	376	5	69	1,001.0	1,014.9	−2.4	43.6	−6.6	75	23	54	24	4	34	40	664	28	65	3.44	−.4	1.19	13	8.5	nw.	42	sw.	25	11	6	14	5.6	.8	.0	1
Wilmington	72	73	107	1,012.9	1,015.6	−2.4	47.7	−5.6	67	14	57	27	3	38	34	535	36	72	6.15	+3.0	2.21	15	11.1	nw.	46	sw.	27	10	8	13	5.8	.1	.0	2
Charleston [2]	48	11	92	1,014.2	1,015.9	−2.1	51.0	−6.4	71	14	59	28	3	43	27	438	38	74	7.26	+4.2	1.51	15	12.1	w.	45	e.	19	12	4	15	5.8	.0	.0	3
Columbia, S. C. [2]	347	70	91	1,002.7	1,015.6	−2.4	47.9	−7.3	77	24	58	25	3	38	33	532	35	69	4.36	+1.0	1.23	13	9.7	w.	39	w.	25	13	7	11	5.4	.0	.0	0
Greenville, S. C. [1]	1,040	18	36	977.3	1,015.2	-----	43.8	−6.1	71	24	54	20	3	34	32	657	29	62	4.05	−1.1	1.29	10	10.9	w.	41	w.	25	10	8	13	5.7	1.0	.0	1
Savannah [1]	65	73	152	1,013.9	1,016.6	−1.4	52.2	−4.9	74	24	62	27	3	42	33	309	42	76	6.17	+3.1	1.73	13	12.8	w.	43	w.	26	9	8	14	6.1	.0	.0	4
Jacksonville [2]	43	86	110	1,015.2	1,016.6	−1.7	57.8	−4.8	80	24	67	31	3	49	31	236	45	74	5.11	+2.2	1.51	11	10.3	ne.	31	nw.	26	10	5	16	5.9	.0	.0	5
FLORIDA PENINSULA							66.8	−3.1										79	3.89	+1.8											4.6			
Key West [2]	21	10	64	1,015.9	1,016.6	−.7	71.2	−1.4	83	31	77	56	4	66	17	9	62	78	3.06	+1.7	1.48	7	9.9	n.	35	nw.	2	14	13	4	3.9	.0	.0	3
Miami [2]	25	242	249	1,015.9	1,016.9	−1.4	67.1	−3.2	82	15	74	43	3	60	24	52	58	77	1.63	−1.0	.42	9	13.6	nw.	39	w.	2	14	12	5	4.0	.0	.0	1
Tampa [1]	35	6	43	1,015.9	1,016.9	−1.4	62.0	−4.8	82	13	72	34	3	52	30	119	52	82	6.98	+4.6	1.97	11	9.7	nw.	47	sw.	1	9	11	11	6.0	.0	.0	5
EAST GULF							51.8	−6.0										71	8.29	+3.1											6.0			
Atlanta [1]	1,173	33	72	973.6	1,015.9	−2.1	45.3	−6.7	81	24	56	21	3	35	35	612	32	66	8.09	+2.7	3.24	12	13.4	nw.	52	nw.	25	8	10	13	6.0	T	.0	2
Macon [2]	370	79	87	1,002.4	1,015.9	−2.1	49.6	−7.1	85	24	61	25	3	38	38	482	34	64	7.80	+2.8	2.66	11	8.1	nw.	29	nw.	26	8	12	11	6.1	T	.0	3
Thomasville	274	49	58	1,007.1	1,017.3	-----	54.8	−5.4	79	24	65	26	3	44	35	319	-----	-----	8.17	+4.1	2.70	10	-----	-----	--	-----	--	9	9	13	----	.0	.0	4
Apalachicola	35	11	51	1,015.6	1,016.6	−1.0	57.4	−4.2	72	24	65	31	3	50	24	239	48	78	6.82	+2.6	1.67	12	10.0	nw.	29	n.	30	8	7	16	5.9	.0	.0	6
Pensacola [2]	56	54	79	1,014.9	1,016.9	−1.4	56.0	−4.3	78	24	64	31	3	48	25	286	46	74	13.54	+8.8	4.34	8	9.4	nw.	26	nw.	24	9	10	12	5.6	.0	.0	4
Anniston	741	9	-----	-----	-----	-----	47.8	−6.3	83	24	59	20	3	36	37	539	-----	-----	9.69	+4.0	4.04	11	-----	nw.	--	-----	--	6	13	12	----	T	.0	2
Birmingham [1]	700	5	62	991.5	1,017.3	−1.0	46.7	−7.1	85	24	58	20	3	35	40	568	35	70	5.67	.0	2.11	10	10.3	nw.	43	w.	24	7	9	15	6.5	T	.0	2
Mobile [2]	57	86	161	1,014.9	1,016.9	−1.1	55.4	−4.3	82	24	64	32	2	46	27	300	44	75	14.30	+8.3	4.28	9	10.0	n.	34	sw.	27	8	6	17	6.3	.0	.0	7
Montgomery [2]	218	92	105	1,008.8	1,016.9	−1.4	51.6	−6.2	85	24	62	24	3	42	37	417	38	68	6.04	.0	1.62	12	9.1	n.	30	sw.	24	11	8	12	5.6	T	.0	3
Meridian [2]	375	67	92	1,003.1	1,016.9	−.7	50.2	−6.9	84	24	61	22	3	39	36	463	39	73	5.98	+.8	2.02	12	7.7	nw.	34	sw.	27	10	9	12	5.6	T	.0	3
Vicksburg [2]	247	82	102	1,007.8	1,016.6	−1.4	51.2	−7.3	78	24	61	26	2	41	35	424	38	72	4.66	−.9	1.30	12	10.4	n.	34	sw.	27	9	8	14	6.2	T	.0	2
New Orleans [4]	53	50	84	1,014.9	1,016.6	−1.0	55.8	-----	80	24	65	32	3	46	33	291	46	73	8.73	+4.0	3.75	9	7.9	nw.	23	ne.	18	9	5	17	6.4	.0	.0	6
WEST GULF							53.8	−6.1										71	2.81	.0											6.0			
Shreveport [1]	249	5	64	1,008.1	1,017.3	+.4	51.2	−6.1	80	22	61	26	2	41	32	428	40	71	6.19	+2.1	2.35	8	11.3	nw.	36	s.	23	10	9	12	5.8	T	.0	2
Fort Smith [1]	463	57	82	1,000.0	1,016.6	+.3	45.1	−7.5	77	31	57	17	2	33	41	619	32	64	1.99	−1.0	1.08	6	9.1	nw.	27	w.	5	7	10	14	6.4	T	.0	1
Little Rock [1]	357	26	58	1,004.1	1,017.3	+.4	45.7	−7.3	76	31	55	22	3	36	36	599	34	68	1.53	−3.1	.63	8	9.7	nw.	34	nw.	24	11	6	14	6.1	.7	.0	0
Austin [1]	605	10	41	994.9	1,016.6	-----	54.8	−5.9	85	23	66	27	2	44	32	334	41	65	3.28	+1.0	1.40	6	11.2	s.	32	s.	26	8	7	16	6.2	T	.0	4
Brownsville [1]	57	5	54	1,012.2	1,014.6	+.4	64.8	−3.4	94	24	75	39	8	55	30	107	56	81	.32	−1.2	.17	4	12.9	se.	33	se.	26	7	11	13	6.1	.0	.0	1
Corpus Christi [1]	20	4	33	1,015.2	1,015.9	+.3	60.6	−2.4	93	23	71	31	8	50	33	188	51	78	1.36	-----	.74	6	13.0	se.	34	se.	26	8	10	13	5.8	.0	.0	2
Dallas [1]	512	5	45	998.3	1,016.9	+.6	50.2	−7.2	81	23	60	22	2	40	34	465	38	67	2.33	−.6	.71	9	12.7	s.	36	nw.	13	7	11	13	6.2	1.2	.0	2
Fort Worth [1]	679	40	56	992.6	1,016.9	+1.0	49.8	−6.9	82	23	60	20	2	40	35	478	38	67	2.92	+.6	1.23	7	13.3	n.	43	n.	24	5	12	14	6.3	3.9	.0	2
Galveston [2]	54	106	114	1,014.9	1,016.9	.0	56.2	−6.2	76	24	62	37	2	51	21	274	50	84	3.46	+.8	1.11	7	13.4	e.	34	se.	12	9	7	15	5.9	.0	.0	3
Houston [2]	138	157	190	1,011.5	1,016.9	.0	56.9	−6.4	82	23	66	32	2	48	28	267	46	76	2.21	−1.3	.96	9	11.7	se.	33	nw.	13	10	5	16	6.0	.0	.0	2
Palestine	510	64	72	999.0	1,017.3	+.7	52.0	−7.1	78	27	61	27	2	43	31	404	38	60	5.11	+1.6	2.42	8	9.1	n.	26	e.	18	7	13	11	6.0	T	.0	3
Port Arthur [2]	34	59	134	1,015.2	1,016.6	.0	56.0	−5.9	80	24	64	32	2	48	25	281	46	78	4.43	+1.2	1.41	10	14.3	n.	45	se.	12	12	8	11	5.5	.0	.0	5
San Antonio [1]	693	8	51	991.2	1,016.3	+.7	56.0	−6.8	90	27	69	26	8	43	40	297	44	67	1.46	−.4	1.22	5	10.5	se.	30	ne.	15	10	9	12	5.6	T	.0	1

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR MARCH 1947—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
OHIO VALLEY AND TENNESSEE							36.7	−6.4										72	2.18	−2.0											7.0			
Chattanooga [1]	762	6	66	988.5	1,016.6	−1.4	43.0	−6.1	82	24	54	24	11	32	40	684	31	70	4.40	−1.4	1.07	10	9.6	nw.	55	w.	24	6	11	14	6.6	T	.0	1
Knoxville [1]	995	27	53	979.7	1,016.3	−1.3	41.2	−6.3	79	24	52	22	3	31	38	738	29	68	2.91	−2.1	.98	12	10.0	ne.	49	w.	24	5	11	15	6.8	1.2	.0	1
Memphis [4]	399	5	86	1,002.4	1,016.6	−1.0	45.0	−6.9	74	31	55	19	3	35	35	619	32	68	1.96	−3.3	.65	7	9.6	nw.	35	sw.	24	8	10	13	6.2	1.6	.0	1
Nashville [1]	546	5	72	996.6	1,016.6	−1.4	41.3	−7.9	78	24	52	20	3	31	39	734	29	68	2.69	−2.4	.74	10	10.5	nw.	54	w.	24	3	15	13	6.9	5.9	.0	1
Lexington [1]	989	4	28	979.0	1,016.3	-----	34.8	−8.9	68	24	44	1	28	25	36	940	26	74	1.82	−2.5	.76	10	----	sw.	--	------	--	5	9	17	7.1	11.7	.0	1
Louisville [1]	525	106	120	997.0	1,016.5	−.4	37.1	−7.0	70	23	47	8	28	27	37	863	26	68	2.20	−2.2	.78	11	9.8	n.	38	nw.	25	6	9	16	6.8	10.8	.0	1
Evansville [1]	431	11	40	1,000.7	1,016.9	−.7	37.0	−7.4	69	23	47	5	28	27	40	869	28	72	2.58	−1.6	.82	11	10.7	w.	43	w.	24	9	6	16	6.4	10.9	.0	1
Indianapolis [1]	823	5	54	984.8	1,015.2	−1.4	32.8	−6.0	69	23	41	11	4	25	28	996	24	76	1.95	------	.71	10	12.6	w.	50	nw.	24	3	11	17	7.0	9.5	.0	3
Terre Haute [1]	575	68	149	995.3	1,016.6	.0	34.6	−6.0	70	23	44	17	3	26	29	944	26	75	1.52	−2.2	.76	9	11.9	w.	43	w.	24	6	11	14	6.5	5.1	.0	1
Cincinnati [3]	627	11	51	992.6	1,015.9	−1.4	38.0	−2.9	72	23	46	21	26	30	32	839	26	74	1.60	−2.3	.73	12	6.3	nw.	23	w.	3	5	10	16	6.9	4.5	.0	1
Columbus [3]	822	90	110	984.4	1,014.9	−2.0	34.6	−4.5	65	23	42	20	26	28	28	943	26	77	1.07	−2.4	.23	11	11.6	w.	48	s.	24	5	8	18	7.2	3.3	.0	0
Dayton [1]	1,003	6	55	978.0	1,015.2	−1.1	32.3	−6.4	67	23	40	14	2	24	29	1,013	25	77	1.57	−2.1	.75	9	13.9	w.	57	nw.	25	5	9	17	7.3	5.9	.0	1
Elkins [1]	1,947	4	45	943.4	1,015.2	−2.4	30.7	−8.4	62	31	40	3	1	21	44	1,065	23	80	3.01	−.8	.74	17	8.9	w.	41	w.	25	2	9	20	7.6	25.7	.0	1
Parkersburg	637	77	84	991.2	1,014.9	−2.7	36.2	−6.6	69	23	44	21	26	28	38	896	25	66	1.86	−1.6	.67	12	7.8	w.	38	nw.	25	4	7	20	7.5	5.9	.0	1
Pittsburgh [1]	842	39	54	982.4	1,013.2	−3.4	32.6	−4.6	58	23	40	16	26	25	31	1,008	24	72	1.51	−1.5	.46	11	12.9	w.	50	s.	25	3	6	22	7.7	4.7	.0	1
LOWER LAKES							30.9	−1.5										80	2.89	+0.1											7.5			
Buffalo [1]	768	34	96	982.1	1,010.8	−4.8	29.9	−1.4	54	23	36	13	26	23	38	1,089	24	81	2.05	−.5	.36	18	16.2	w.	49	w.	25	3	3	25	8.2	13.5	T	0
Canton	448	10	61	992.2	1,008.8	−5.8	28.6	+.8	51	13	36	8	26	21	30	1,127	23	82	3.95	+1.4	1.50	16	9.7	w.	34	sw.	25	4	7	20	7.7	35.6	.7	0
Oswego	335	71	85	997.6	1,010.5	−5.1	31.2	+.1	53	23	36	13	26	26	29	1,049	25	78	4.23	+1.6	1.01	19	11.0	w.	30	sw.	25	3	3	25	7.9	47.4	3.2	1
Rochester [1]	523	5	69	991.2	1,011.2	−4.7	30.0	+.2	58	23	37	11	26	23	34	1,086	24	84	2.92	+.2	.58	20	13.9	w.	49	se.	25	3	7	21	7.9	20.7	T	0
Syracuse	596	5	57	988.2	1,010.8	−4.8	30.8	+1.1	56	24	38	11	26	24	35	1,058	24	81	4.18	+.9	1.38	21	12.8	sw.	50	sw.	25	2	6	23	8.0	38.6	3.5	0
Erie [3]	714	57	81	986.1	1,012.9	−3.0	31.6	−1.9	57	23	37	18	26	26	34	1,035	24	86	1.87	−.8	.47	15	9.9	w.	39	w.	25	2	8	21	7.8	20.0	.0	1
Cleveland [1]	762	27	54	985.1	1,013.5	−2.8	31.8	−2.7	60	23	39	17	26	24	28	1,025	25	81	4.15	+1.4	2.31	17	12.7	w.	55	w.	25	3	13	15	7.3	20.9	.2	1
Sandusky	629	5	67	990.2	1,013.9	-----	32.8	−2.3	60	23	40	17	3	26	23	998	----	---	2.12	−.6	.82	14	10.9	w.	43	w.	25	5	10	16	6.6	11.9	.0	1
Toledo [1]	628	5	47	990.2	1,013.9	−2.7	31.2	−2.6	58	23	39	15	5	24	29	1,047	23	74	1.78	−.8	.78	13	12.9	sw.	45	nw.	25	4	8	19	7.2	7.6	.0	2
Fort Wayne [1]	857	5	33	982.7	1,014.6	−2.0	31.0	−5.1	60	23	39	12	4	23	25	1,055	24	80	2.14	−1.1	1.06	13	9.6	sw.	40	w.	25	6	10	15	6.8	6.0	.0	1
Detroit [1]	730	5	78	986.1	1,013.2	−3.1	30.8	−2.2	58	23	37	18	15	25	21	1,058	24	77	2.45	.0	1.00	12	11.9	nw.	45	n.	25	4	9	18	7.1	9.4	T	1
UPPER LAKES							28.0	+.2										77	1.79	−.3											6.5			
Alpena	609	5	89	989.2	1,012.2	−3.7	26.6	+1.1	54	23	33	10	27	20	28	1,196	20	79	2.46	+.5	1.43	10	11.9	nw.	41	nw.	25	4	12	15	7.1	27.3	8.0	0
Escanaba	612	51	72	990.9	1,013.9	−2.7	27.2	+3.0	50	23	35	9	16	19	30	1,172	20	78	1.08	−.8	.53	10	11.5	nw.	40	n.	24	8	12	11	5.9	3.8	T	0
Grand Rapids [3]	707	70	244	987.8	1,014.6	−1.7	31.2	−2.2	56	23	37	17	8	25	23	1,052	22	78	2.34	−.1	1.16	12	11.3	w.	36	nw.	25	7	6	18	6.7	17.3	T	0
Lansing [3]	878	5	90	981.0	1,014.2	−1.7	29.0	−3.2	56	23	36	15	27	22	22	1,119	21	76	2.82	+.5	1.61	13	9.5	w.	29	n.	24	6	3	22	7.2	12.9	2.0	1
Marquette	734	44	73	986.1	1,013.9	−2.4	26.6	+1.8	48	23	33	12	16	21	27	1,188	19	74	1.16	−1.1	.25	14	9.8	nw.	30	sw.	22	5	5	21	7.3	8.7	1.5	0
Sault Ste. Marie [1]	614	11	52	988.8	1,012.5	−4.1	23.5	+2.9	50	23	31	5	18	16	30	1,286	18	84	1.29	−.5	.52	11	11.6	nw.	42	nw.	25	4	7	20	7.5	12.1	2.3	0
Chicago [1]	673	5	36	990.2	1,015.6	−1.0	31.8	−2.7	57	12	39	16	4	25	27	1,025	24	74	2.69	+.1	1.06	10	10.4	w.	34	nw.	24	6	9	16	6.8	13.3	.0	1
Green Bay	617	5	32	991.5	1,014.9	−1.0	29.4	+.8	63	23	36	14	16	22	25	1,102	20	71	1.47	−.6	.86	8	8.8	w.	30	w.	29	8	9	14	5.8	3.5	.0	0
Milwaukee [1]	681	33	66	989.5	1,015.2	−.7	30.0	−.1	60	23	37	16	16	24	20	1,085	23	76	1.73	−.7	.60	10	12.3	nw.	35	nw.	29	8	11	12	6.0	9.4	T	0
Duluth [3]	1,133	5	47	973.2	1,016.3	−.3	24.5	+.8	51	22	33	2	16	16	29	1,257	16	82	.82	−.7	.65	6	13.0	nw.	42	nw.	25	12	10	9	4.8	7.7	T	0
NORTH DAKOTA							23.1	+1.8										80	.33	−.6											6.1			
Fargo [1]	940	6	47	982.7	1,018.6	+1.3	24.6	+1.9	58	22	32	0	4	17	28	1,252	20	84	.48	−.5	.29	12	12.6	n.	39	w.	28	4	10	17	7.3	5.2	.0	0
Bismark [1]	1,677	5	43	956.3	1,019.0	+1.4	25.6	+3.7	61	22	34	−6	6	17	32	1,221	19	76	.21	−.7	.09	6	11.7	nw.	36	nw.	28	1	8	22	8.1	2.6	.0	0
Devils Lake	1,478	11	44	963.8	1,019.6	+2.3	21.4	+1.6	48	22	30	−7	6	13	25	1,353	16	80	.18	−.6	.05	8	9.0	nw.	27	nw.	28	4	9	18	7.4	4.0	T	0
Grand Forks [1]	832	4	41	987.1	1,019.0	-----	21.4	------	50	22	30	−8	4	12	30	1,351	18	85	.42	------	.12	10	----	nw.	--	------	--	5	7	19	----	7.1	.0	.0
Williston	1,878	42	50	949.5	1,019.0	+2.4	22.7	−.2	51	22	31	−13	6	15	32	1,311	16	77	.34	−.4	.15	9	7.6	nw.	27	nw.	20	5	7	19	7.5	4.0	T	0
UPPER MISSISSIPPI							32.6	−2.6										75	1.74	−.6											6.7			
Minneapolis-St. Paul [1]	919	43	74	981.7	1,016.3	+.7	28.9	−.7	58	22	36	12	16	22	29	1,122	20	73	.47	−1.0	.19	8	11.3	nw.	34	nw.	29	7	8	16	6.5	3.3	.0	0
La Crosse [1]	714	5	29	989.5	1,016.3	+.4	29.2	−.6	62	23	37	12	4	22	28	1,110	22	78	1.42	−.2	.48	9	9.3	nw.	34	nw.	29	8	5	18	6.7	4.4	T	1
Madison [3]	974	70	78	979.0	1,015.6	−1.0	30.4	−.2	62	23	39	11	4	22	29	1,070	22	78	1.33	−.7	.43	10	11.0	nw.	41	nw.	29	8	7	16	6.6	6.7	.0	1
Charles City	1,015	10	51	979.3	1,017.6	+1.0	30.2	−.5	64	23	37	13	16	24	34	1,078	----	---	1.66	−.1	.65	14	7.1	nw.	22	nw.	25	7	11	13	6.3	6.7	T	1
Moline [1]	606	6	50	994.2	1,017.6	+1.0	32.5	−2.3	61	22	41	13	3	24	35	1,011	23	72	2.10	−.2	.78	9	10.5	w.	33	nw.	25	4	12	15	6.9	7.2	.0	1
Dubuque	699	60	79	990.2	1,016.6	.0	32.0	−2.0	60	23	39	16	16	25	32	1,024	23	70	1.50	−.5	.66	8	6.3	nw.	21	nw.	25	6	11	14	6.7	.4	.0	1
Burlington [1]	702	4	36	990.9	1,017.3	-----	32.4	−5.5	63	23	42	3	3	23	38	1,014	26	79	1.73	−1.0	.79	10	11.6	nw.	41	nw.	25	5	9	17	6.8	4.4	.0	1
Cairo	357	5	99	1,003.7	1,016.9	.0	41.6	−6.1	71	31	50	16	3	33	31	723	----	---	2.44	−1.3	.89	12	10.7	ne.	38	nw.	24	8	10	13	6.1	3.8	.0	0
Peoria [1]	609	6	26	994.6	1,017.6	+1.0	32.7	−3.3	58	23	41	11	3	25	32	1,005	24	72	2.25	−.5	.99	9	10.8	nw.	34	nw.	25	4	10	17	6.9	6.8	.0	2
Springfield, Ill. [3]	636	5	191	993.2	1,017.3	+.3	35.7	−4.5	65	23	44	12	3	28	28	906	26	76	2.54	−.6	.99	13	12.7	w.	42	nw.	25	5	10	16	7.1	10.7	.0	2
MISSOURI VALLEY							34.6	−3.4										74	2.43	+.5											7.0			
Columbia, Mo. [3]	784	6	66	988.2	1,017.3	+.7	36.4	−6.5	74	22	45	9	3	28	45	880	24	68	3.93	+1.0	.85	11	8.9	w.	28	nw.	24	9	7	15	6.2	15.8	.0	3
Kansas City [1]	963	39	76	981.7	1,017.6	+1.3	37.6	−5.1	74	22	45	8	3	30	37	848	28	70	5.03	+2.7	2.42	13	12.2	n.	35	nw.	24	4	10	17	7.1	8.6	.0	3
St. Joseph [3]	967	11	49	981.7	1,017.6	+1.3	36.4	−4.1	76	22	44	11	3	29	29	886	28	73	4.41	+1.9	2.33	14	9.8	nw.	26	nw.	24	8	14	9	5.8	15.1	.0	2
Springfield, Mo. [1]	1,324	5	67	968.5	1,016.9	+.6	37.4	−6.2	72	22	47	5	3	28	40	850	28	74	2.65	−.7	1.14	11	13.4	s.	40	nw.	13	5	10	16	6.9	2.2	.0	3
Topeka [3]	987	65	87	981.0	1,017.6	-----	38.2	−4.4	78	22	46	9	2	30	42	833	28	76	4.21	+2.1	2.63	14	10.1	n.	31	n.	24	4	10	17	7.2	8.1	.0	2
Lincoln [3]	1,189	11	81	973.6	1,018.0	+1.7	35.9	−1.6	80	23	45	12	2	27	39	902	26	74	.96	−.3	.40	13	11.0	n.	34	nw.	14	5	11	15	6.6	5.8	.0	0
Omaha [1]	1,105	5	68	977.0	1,018.3	+1.7	34.2	−1.9	76	23	42	10	3	26	43	952	26	71	.87	−.5	.43	11	13.1	nw.	37	nw.	24	3	11	17	7.2	5.0	.0	0
Valentine	2,598	46	54	923.5	1,018.3	+1.7	29.4	−2.9	75	22	39	−11	2	20	41	1,103	22	78	.47	−.6	.12	7	9.6	n.	33	nw.	20	4	9	18	7.1	5.8	.0	0
Sioux City [1]	1,138	5	40	975.6	1,018.0	-----	31.3	−.8	71	23	40	7	4	23	38	1,044	24	78	.53	−.6	.12	14	11.4	nw.	33	w.	28	4	6	21	7.5	3.3	.0	0
Huron [1]	1,301	5	41	969.9	1,018.6	+1.3	28.8	−.1	71	22	38	3	2	20	39	1,124	22	79	1.26	+.4	1.02	11	12.3	nw.	34	nw.	24	2	6	23	8.1	6.2	1.3	0
NORTHERN SLOPE							30.3	−1.5										75	.84	−.1											6.9			
Billings [1]	3,570	16	40	890.3	1,017.6	-----	29.2	−4.8	64	22	38	−8	1	20	37	1,112	23	80	1.08	------	.45	12	9.8	sw.	34	nw.	30	2	8	21	7.6	11.7	.0	0
Havre	2,507	11	67	927.9	1,020.7	+4.1	21.6	−5.5	59	31	32	−32	6	11	41	1,348	16	81	.98	+.5	.45	10	7.3	w.	25	e.	30	3	8	20	7.2	15.4	.0	0
Helena [1]	4,124	5	43	872.3	1,018.3	+3.1	32.4	+.7	61	21	42	−12	5	23	34	1,009	24	74	1.10	+.3	.37	10	7.0	w.	30	w.	30	3	7	21	7.5	7.0	.0	1
Missoula [1]	3,205	4	32	901.1	1,016.9	-----	38.6	+5.1	65	28	49	10	1	28	38	818	28	72	.47	−.4	.14	10	5.6	se.	30	n.	4	5	7	19	7.1	3.8	.0	0
Kalispell	2,973	48	56	910.9	1,015.9	.0	34.6	+1.7	61	21	43	−2	5	26	30	940	27	74	.90	.0	.41	6	5.4	w.	18	n.	3	5	5	21	7.1	9.4	.0	0
Miles City [1]	2,371	5	78	932.6	1,020.0	+2.4	24.0	------	64	22	36	−27	6	12	46	1,269	18	80	1.10	------	.27	13	----	nw.	--	------	--	4	5	22	7.5	11.0	.0	0
Rapid City [1]	3,259	5	63	900.8	1,018.6	+1.3	26.4	−5.3	65	22	36	−6	1	16	40	1,198	21	84	.39	−.6	.08	9	13.4	nw.	52	nw.	20	5	6	20	7.3	2.2	.0	0
Cheyenne [1]	6,094	5	40	809.3	1,015.9	+.7	30.9	−2.2	61	22	43	−14	1	19	39	1,056	21	68	.81	−.2	.24	10	12.2	nw.	37	w.	3	5	13	13	6.1	6.2	.0	2
Lander [1]	5,352	60	68	832.7	1,015.9	+.3	33.3	+.9	61	22	46	−11	1	21	40	980	20	62	.80	−.4	.34	9	7.1	se.	35	sw.	3	7	12	12	5.7	12.6	.0	0
Sheridan [1]	3,790	5	38	883.2	1,018.6	+2.0	27.7	−3.7	65	21	40	−14	1	16	35	1,153	20	78	1.31	+.2	.57	14	7.4	nw.	36	nw.	13	4	9	18	7.1	13.3	.0	0
North Platte [3]	2,821	11	51	915.7	1,016.9	+.6	34.8	−1.8	78	22	47	−6	2	22	44	940	22	72	.34	−.5	.14	11	8.8	n.	29	nw.	20	8	10	13	6.1	3.1	.0	1

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR MARCH 1947—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0–10	In.	In.	
MIDDLE SLOPE							40.2	−3.8										68	1.51	.0											5.8			
Denver [2]	5,292	106	113	835.1	1,015.2	+1.0	37.4	−1.9	68	22	48	−2	1	27	35	853	21	62	1.18	+.1	.69	11	7.8	s.	27	n.	18	6	15	10	5.6	17.7	.0	1
Pueblo [1]	4,690	5	36	854.4	1,015.2	+1.7	38.3	−2.5	76	23	54	−4	1	23	49	830	24	66	.62	.0	.29	6	8.2	nw.	50	w.	23	12	8	11	5.1	6.8	.0	1
Concordia	[illegible],392	50	58	966.5	1,017.3	+1.0	37.4	−3.6	80	23	46	6	2	28	36	861	28	72	2.13	+.9	.48	11	9.4	n.	34	s.	31	10	7	14	6.1	14.8	.0	2
Dodge City [1]	2,509	5	58	926.9	1,016.3	+.4	38.6	−4.2	81	23	50	4	2	27	40	819	28	74	1.54	+.6	.84	13	16.8	nw.	49	n.	12	14	5	12	5.3	6.2	.0	2
Wichita [1]	1,358	6	64	967.2	1,016.6	+1.4	39.6	−5.5	76	23	49	4	2	30	35	787	29	70	2.91	−1.2	2.33	9	16.1	n.	40	n.	13	6	12	13	6.3	5.2	.0	4
Oklahoma City [2]	1,214	10	47	972.6	1,016.6	+1.0	46.0	−4.0	84	23	57	14	2	35	36	596	32	66	.48	−1.5	.24	6	10.9	s.	29	nw.	24	7	15	9	5.9	1.7	.0	1
Tulsa [1]	674	10	60	991.9	1,016.6	-----	44.2	−5.2	74	23	55	15	2	34	37	649	32	67	1.71	−1.3	1.11	8	13.0	n.	37	sw.	31	8	8	15	6.2	.1	.0	1
SOUTHERN SLOPE							50.4	−3.4										60	.88	.0											5.9			
Abilene [1]	1,738	4	59	953.9	1,015.6	+.7	50.0	−5.2	82	23	62	19	2	38	40	469	36	65	1.35	+.1	.72	5	16.7	s.	55	n.	14	6	9	16	6.6	3.7	.0	1
Amarillo [1]	3,676	5	42	887.6	1,015.1	+.5	42.2	−3.1	80	26	56	13	2	29	44	707	30	68	.77	+.1	.39	5	15.3	s.	45	n.	12	8	10	13	6.2	5.4	.0	2
Del Rio	960	63	71	981.0	1,014.9	+.3	59.2	−4.3	90	27	71	33	8	48	33	219	42	58	1.05	+.3	.95	2	11.2	se.	30	nw.	13	11	10	10	5.1	T	.0	1
Roswell	3,566	75	85	891.3	1,013.5	.0	50.4	−.9	85	26	65	18	6	36	48	452	26	47	.35	−.4	.20	3	8.9	s.	34	ne.	14	9	10	12	5.7	3.5	.0	1
SOUTHERN PLATEAU							55.4	+2.1										43	.31	−.5											4.6			
El Paso [1]	3,778	29	85	884.5	1,011.9	−1.0	55.4	+.5	81	26	68	27	7	42	38	308	26	38	.66	+.3	.52	3	11.5	w.	47	w.	2	13	11	7	4.9	3.8	.0	0
Albuquerque [1]	5,314	5	45	835.1	1,011.2	−2.0	47.4	+1.5	76	26	62	23	16	33	41	543	22	42	.03	−.4	.03	2	10.7	nw.	48	nw.	23	11	12	8	5.0	T	.0	0
Flagstaff	6,907	36	51	788.4	1,015.6	-----	40.8	+4.3	68	25	56	12	5	26	47	749	21	54	.59	−1.6	.37	6	----	w.	--	------	--	9	11	11	5.8	1.6	.0	2
Phoenix [2]	1,107	39	87	973.6	1,012.5	−1.0	63.6	+2.9	90	25	78	42	5	50	41	82	36	42	T	−.7	T	0	6.8	e.	24	sw.	4	14	7	10	4.7	.0	.0	0
Tucson [1]	2,555	5	39	924.8	1,012.9	-----	59.6	+1.9	88	25	75	35	8	45	42	175	28	36	.39	−.4	.37	2	----	se.	--	------	--	15	7	9	4.5	.0	.0	1
Yuma	142	9	54	1,007.8	1,012.9	−1.3	65.8	+1.7	90	25	80	43	5	51	40	42	38	44	.18	−.2	.18	1	6.0	w.	26	n.	12	22	7	2	2.8	.0	.0	0
MIDDLE PLATEAU							43.5	+3.1										55	.44	−.6											5.2			
Reno [1]	4,527	20	52	861.8	1,016.3	−0.3	43.2	+3.2	77	18	61	17	6	25	51	675	24	52	.12	−.7	.06	2	7.7	s.	49	s.	29	10	7	14	5.5	T	0.0	0
Winnemucca	4,339	5	56	867.6	1,016.3	−.6	43.9	+3.9	74	16	59	16	6	29	46	654	25	54	.38	−.6	.13	7	8.1	sw.	29	w.	29	9	9	13	5.7	T	.0	0
Modena	5,473	10	46	831.7	1,013.2	−1.0	41.6	+3.4	70	27	58	16	1	25	43	722	-----	----	.52	−.5	.37	5	9.6	sw.	34	w.	23	13	14	4	4.2	.8	.0	2
Salt Lake City [1]	4,227	32	58	866.2	1,015.6	−.7	44.6	+4.6	68	22	56	26	1	34	33	630	30	60	.58	−1.2	.21	8	8.5	se.	38	nw.	23	10	10	11	5.5	2.8	.0	2
Grand Junction	4,602	60	68	858.1	1,015.2	+1.7	44.2	+.6	70	22	57	17	1	32	37	646	26	53	.60	−.2	.34	5	6.3	se.	29	nw.	23	8	12	11	5.3	1.3	.0	3
NORTHERN PLATEAU							44.6	+3.9										64	1.12	.0											6.5			
Baker [2]	3,471	36	54	895.0	1,016.9	−1.1	41.8	+4.2	72	15	54	18	6	30	40	721	28	64	.75	−.4	.26	8	6.2	se.	23	sw.	3	6	8	17	6.7	2.3	.0	0
Boise [1]	2,739	5	49	919.7	1,016.6	−1.4	44.9	+3.5	69	15	56	20	6	33	36	624	30	62	1.84	+.5	.67	10	9.1	se.	30	nw.	11	7	9	15	6.0	T	.0	0
Pocatello [1]	4,478	5	31	861.8	1,016.3	−.3	40.7	+4.8	66	21	52	5	1	29	36	754	27	63	1.31	.0	.61	8	10.6	sw.	39	sw.	30	7	13	11	6.2	8.8	.0	2
Spokane [1]	1,929	27	42	946.5	1,016.3	−.3	42.6	+2.9	69	16	54	18	6	31	40	693	32	68	1.60	+.4	.69	8	5.6	ne.	26	sw.	30	6	5	20	7.0	1.0	.0	0
Walla Walla	991	57	65	980.4	1,016.6	−.7	50.6	+4.5	74	17	60	28	1	42	33	442	-----	----	.82	−.8	.24	12	5.0	s.	23	s.	9	5	11	15	6.4	T	.0	0
Yakima [1]	1,076	58	67	976.6	1,015.9	−.7	47.2	+3.4	79	20	62	21	1	32	47	551	32	62	.42	+.2	.17	8	----	w.	--	------	--	7	8	16	6.5	T	.0	1
NORTH PACIFIC							49.5	+3.9										78	4.01	−.1											6.9			
North Head	211	5	55	1,008.5	1,016.3	−1.7	48.8	+3.6	78	15	54	37	6	43	27	507	43	85	5.39	−.2	1.31	15	11.7	n.	45	s.	9	5	7	19	7.1	.0	.0	1
Seattle [2]	125	90	321	1,011.9	1,016.6	−.7	50.1	+3.7	72	15	58	34	5	43	26	462	40	75	2.77	−.3	.85	12	8.4	n.	30	sw.	23	9	8	14	6.0	.0	.0	0
Tacoma	194	172	201	1,009.5	1,016.6	−.7	48.4	+4.2	71	28	56	32	1	41	25	514	-----	----	3.45	.0	.73	15	7.3	n.	26	sw.	29	8	8	15	6.2	.0	.0	0
Tatoosh Island	86	9	61	1,013.2	1,016.3	.0	46.6	+3.7	61	17	50	38	7	43	14	570	42	86	5.26	−2.6	1.19	14	13.9	e.	39	ne.	15	5	5	21	7.4	.0	.0	0
Medford [1]	1,329	29	58	968.8	1,016.9	−1.1	50.0	+3.1	82	17	64	28	6	36	44	465	38	69	1.79	+.3	.59	14	----	s.	--	------	--	7	4	20	6.8	.0	.0	0
Portland, Oreg. [2]	154	68	106	1,010.8	1,016.6	−1.7	52.1	+5.2	78	16	60	37	6	44	29	402	42	76	5.29	+1.4	1.50	14	5.2	nw.	19	e.	27	7	4	20	7.3	.0	.0	3
Roseburg	510	45	76	998.3	1,017.3	−1.7	50.8	+3.7	83	15	61	32	6	40	41	441	42	76	4.14	+.9	1.03	16	3.8	n.	25	sw.	10	3	10	18	7.3	.0	.0	0
MIDDLE PACIFIC COAST							54.9	+2.3										76	3.36	−.2											6.8			
Eureka	60	72	88	1,015.9	1,018.3	−1.7	50.8	+2.5	67	28	56	36	5	45	22	439	45	82	3.91	−1.3	1.16	16	7.4	n.	34	s.	1	4	3	24	7.8	.0	.0	0
Red Bluff	353	5	26	1,003.4	1,016.3	-----	56.6	+3.0	90	16	67	39	7	46	43	269	43	66	2.62	−.6	.74	13	9.2	nw.	38	se.	2	7	5	19	6.7	.0	.0	1
Sacramento [2]	66	92	115	1,014.6	1,016.9	−.7	56.1	+1.8	77	26	65	39	5	47	31	277	47	76	3.28	+.7	.91	9	7.1	s.	21	sw.	29	10	7	14	6.1	.0	.0	1
San Francisco [2]	155	112	132	1,011.9	1,017.6	−.4	56.0	+1.8	76	14	61	46	5	51	22	278	48	80	3.64	+.5	1.61	10	8.5	w.	25	w.	17	7	5	19	6.8	.0	.0	0
SOUTH PACIFIC COAST							60.1	+3.8										66	.74	−1.3											5.8			
Fresno [1]	327	5	34	1,004.7	1,016.6	−1.4	59.0	+4.6	87	15	72	36	6	46	40	192	44	64	.46	−1.1	.13	7	5.6	nw.	21	nw.	18	7	13	11	6.0	.0	.0	0
Los Angeles	338	223	250	1,004.4	1,016.3	−.3	60.4	+2.9	87	25	69	44	4	52	35	169	45	64	.79	−2.0	.23	7	6.5	w.	24	nw.	21	7	14	10	5.8	.0	.0	1
San Diego [1]	87	20	55	1,013.2	1,016.6	.0	60.8	+3.8	86	25	69	45	6	52	34	143	48	69	.97	−.8	.55	10	6.5	w.	17	w.	4	8	11	12	5.7	.0	.0	0
ALASKA																																		
Anchorage [1]	132	6	44	1,002.7	1,007.8	-----	30.3	+6.6	52	13	38	10	30	22	29	1,080	24	76	.47	−.08	0.17	12	5.1	n.	26	s.	19	4	3	24	7.8	7.1	2.0	0
Fairbanks [1]	455	4	63	993.9	1,011.5	-----	14.6	−.4	51	19	27	−30	4	2	43	1,560	10	73	.16	−.50	.07	6	5.3	n.	26	e.	13	5	7	19	6.8	1.7	9.1	0
Juneau [1]	80	6	21	1,011.5	1,014.6	-----	35.8	+.9	47	14	42	15	3	30	22	905	30	78	5.80	+1.40	1.44	18	9.9	e.	30	se.	21	3	4	24	8.0	.7	.0	0
Nome	22	25	56	1,014.6	1,015.2	-----	0.4	−8.3	33	18	11	−38	13	−10	37	2,004	−2	82	.10	−.74	.05	6	9.4	n.	43	ne.	2	18	5	8	3.7	1.5	47.0	0
Barrow	29	5	27	1,019.6	1,020.3	-----	-14.3	+.5	7	20	−6	−40	5	−22	27	2,457	−14	99	.36	+.21	.07	12	8.0	ne.	24	ne.	19	10	8	13	5.7	4.1	15.4	0
Bethel	38	5	31	1,010.2	1,011.5	-----	4.2	−6.6	39	18	13	−27	13	−4	33	1,888	2	84	.14	−.69	.08	5	.8	ne.	--	------	--	11	9	11	6.0	1.5	13.3	0
Cordova	45	5	32	1,007.8	1,009.5	-----	34.2	------	49	20	41	15	31	28	31	952	32	90	10.57	------	1.99	22	----	se.	30	se.	13	8	3	20	7.2	18.0	1.4	0
Gambell	32	5	32	1,016.6	1,018.0	-----	1.7	−4.5	27	31	8	−23	11	−4	24	1,962	1	92	.06	−.68	----	2	14.0	n.	42	n.	18	6	11	14	6.0	.6	1.0	0
Ketchikan	25	69	90	1,014.9	1,015.6	-----	40.4	+2.6	52	14	46	26	3	35	20	761	35	80	16.99	+4.82	7.98	15	5.9	ne.	22	se.	12	2	7	22	8.1	.1	.0	0
Kotzebue	20	5	31	1,015.9	1,016.6	-----	−8.2	−6.6	27	19	0	−37	12	−16	25	2,266	−14	69	.24	+.02	0.12	8	----	e.	--	------	--	14	4	13	5.2	2.6	18.7	0
McGrath	341	5	31	998.3	1,011.9	-----	6.2	+.4	50	19	18	−32	14	−6	42	1,822	6	83	1.35	+.34	0.42	17	----	nw.	--	------	--	9	3	19	6.6	31.6	28.1	0
Northway	1,718	5	32	946.8	1,011.5	-----	15.6	+7.2	49	13	31	−27	4	0	51	1,525	12	73	.03	−.28	0.01	3	3.7	nw.	27	------	14	8	11	12	5.8	0.2	6.6	0

[1] Data are airport records.
[2] Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.
[3] Observations taken hourly.
[4] Pressure (adjusted to old city elevation), temperature, and hygrometric data from airport; otherwise city office records.
[5] Temperature and precipitation from city records, other data from airport.

NOTE.—Except as indicated by notes [1], [2], [4], and [5] data in table are city office records.