CLIMATOLOGICAL DATA FOR FEBRUARY 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	42.8	−6.1	Greensboro	80	16	Cordova	9	10	1.98	−3.27	Fairhope	3.49	Columbia	0.88
Arizona	49.4	+3.5	2 stations	90	[1] 14	Alpine	3	1	.28	−1.02	Pinal Ranch	1.61	8 stations	.00
Arkansas	37.2	−6.4	4 stations	80	16	Devils Knob	1	4	.78	−2.71	Monticello	3.85	3 stations	T
California	49.9	+2.1	Palm Springs	94	23	Boca	−2	1	2.01	−2.50	Squaw Creek	13.73	15 stations	.00
Colorado	28.6	+1.3	Eversoll Ranch	82	15	Taylor Park	−30	9	.83	−.14	Crested Butte	4.26	4 stations	T
Florida	54.4	−6.1	2 stations	87	1	2 stations	18	11	3.56	+.48	Jacksonville Beach	6.48	Compass Lake	1.04
Georgia	42.7	−5.9	Waycross	80	18	Blairsville	7	9	1.60	−3.19	Waycross	3.04	Camp Stewart	.53
Idaho	32.4	+4.2	4 stations	67	[1] 2	Island Park Dam	−30	9	1.04	−.70	Roland	5.51	Grandview	.00
Illinois	24.7	−5.2	Du Quoin	67	14	Rockford Apt	−15	2	.19	−1.72	Chicago Heights	.58	Casey	.00
Indiana	24.2	−6.4	Scottsburg	64	14	La Porte	−7	2	.34	−2.07	La Porte	2.51	Huntingburg	T
Iowa	18.3	−4.5	Clarinda	67	15	Decorah	−22	2	.31	−.79	Storm Lake	.81	Mount Pleasant	.07
Kansas	31.4	−1.9	3 stations	78	15	Atwood	−9	1	.32	−.66	McPherson	1.15	5 stations	T
Kentucky	28.9	−8.2	Pikeville	66	14	Hopkinsville	−3	8	.54	−2.86	Benham	2.17	Beaver Dam	.05
Louisiana	46.5	−7.3	2 stations	81	16	Arcadia	10	8	2.07	−2.47	Buras	6.13	Donaldsonville	.66
Maryland - Delaware.	29.7	−3.6	Crisfield, Md	64	1	Oakland, Md	−7	5	1.61	−1.34	Oakland, Md	3.15	Chewsville, Md	.72
Michigan	18.7	−1.6	Kenton	51	13	Kenton	−23	11	1.41	−.28	Painesdale	6.00	Bay City	.13
Minnesota	10.2	−2.4	Itasca State Park	56	13	Warroad	−33	5	.37	−.38	Pigeon River Bridge	1.15	Hastings Dam	.02
Mississippi	42.0	−7.6	2 stations	80	16	2 stations	10	13	1.68	−3.23	Pearlington	3.32	Beaumont	.16
Missouri	28.6	−4.6	Cape Girardeau	73	14	Conception	−8	7	.25	−1.85	Ozark	1.12	4 stations	.00
Montana	22.7	+.3	Yellowtail Dam	66	13	Opheim No. 1	−42	1	.72	−.03	Heron	3.50	Scobey	T
Nebraska	24.4	−2.1	Beaver City	69	15	Chadron	−17	1	.23	−.46	Homer	.77	Mullen	.00
Nevada	41.3	+7.1	Las Vegas Apt	80	24	Geyser	7	19	.46	−.61	Tuscarora	1.25	3 stations	.00
New England	23.3	+.7	2 stations	56	[1] 1	Enosburg Falls, Vt	−25	20	2.46	−.60	Greenville, Maine	6.37	Middletown, R. I	.56
New Jersey	28.2	−2.5	Tuckerton	57	1	Long Valley	−1	5	1.96	−1.51	Long Branch	3.30	Boonton	1.08
New Mexico	38.4	+1.1	Columbus	79	15	Gavilan	−18	1	.25	−.44	Bateman's Ranch	1.82	25 stations	.00
New York	20.6	−1.9	Ossining	53	4	Stillwater Reservoir	−29	20	1.63	−1.02	Bennetts Bridge	5.80	Avon	.26
North Carolina	36.2	−6.4	3 stations	75	18	Mount Mitchell	−16	8	1.30	−2.70	Tapoco	3.59	Willard	.24
North Dakota	8.8	−1.1	Medora	53	12	2 stations	−36	1	.40	−.06	Kenmare	1.42	Williston	.03
Ohio	23.1	−6.3	Ironton	62	14	Mansfield	−7	8	.62	−1.96	Chardon	2.15	Dayton Apt	.14
Oklahoma	37.7	−3.5	Goodwell	86	15	Hooker	0	8	.19	−1.27	Idabel	1.07	4 stations	.00
Oregon	39.7	+4.3	Brookings	80	24	Olive Lake	−5	8	1.75	−1.41	Valsetz	10.57	Hart Mountain	.14
Pennsylvania	23.2	−5.1	2 stations	58	[1] 15	2 stations	−13	5	1.39	−1.39	Kregar	6.01	Millersburg	.34
South Carolina	41.2	−6.2	Newberry	78	18	Caesars Head	0	9	.88	−3.27	Longcreek	3.04	Bethera (2)	.08
South Dakota	17.4	−1.9	Spearfish	65	12	3 stations	−28	[1] 1	.29	−.27	Dumont	1.58	McIntosh	.00
Tennessee	32.6	−8.5	Coldwater	74	16	Greeneville	−6	24	1.60	−1.83	Gatlinburg	4.26	Dover	.30
Texas	45.5	−5.8	2 stations	87	17	Stratford	6	1	.58	−1.20	Longview	3.27	13 stations	.00
Utah	34.9	+4.9	Zion National Park	73	15	Moon Lake	−6	20	.82	−.46	Alta	2.88	3 stations	T
Virginia	37.2	−6.2	Clarksville	70	18	Big Meadows	−11	5	1.59	−1.46	Mountain Lake	3.81	Lynchburg	.64
Washington	38.0	+3.6	Quincy No. 3	73	23	Stockdill Ranch	−12	9	3.18	−.48	2 stations	15.75	Lost Creek	T
West Virginia	25.5	−7.8	McNeill	67	14	Canaan Valley	−9	5	1.64	−1.46	Pickens No. 2	6.36	Dam 19 O. R	.44
Wisconsin	15.3	−1.9	Brule Island	53	13	Rest Lake	−29	4	.32	−.86	Madeline Island	1.83	7 stations	T
Wyoming	23.0	+.7	Fort Washakie	67	5	2 stations	−33	[1] 9	.65	−.12	Foxpark	2.87	Morrisey	.00
Alaska	−7.3	−10.1	Sitka	49	4	Tanana	−71	25	2.44	+.23	Ketchikan	18.14	2 stations	T
Hawaii	68.8	+.2	Mahukona	89	8	Haleakala Ranger Station.	32	28	2.76	−5.27		11.66	7 stations	.00
Puerto Rico	74.3	+1.1	Guayama (3)	93	7	Utuado	46	19	2.78	−.13	Catano	6.42	Losey Field (WBO)	.50

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR FEBRUARY 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							25.4	+0.9										72	2.69	−0.6											6.0			
Eastport	75	67	85	999.0	1,002.0	-11.9	25.7	+4.2	47	5	32	3	20	19	26	1,102	20	80	4.70	+1.4	1.64	13	13.3	w.	42	ne.	22	8	6	14	6.5	23.7	11.2	1
Greenville, Maine	1,070	6	41	962.4	1,003.1	-----	15.6	+2.1	44	5	26	−9	25	5	37	1,382	11	83	6.37	+3.6	3.18	12	7.0	n.	23	------	11	4	9	15	----	37.5	28.0	1
Portland, Maine [1]	103	5	43	999.7	1,003.4	-12.2	24.6	+3.8	49	18	34	3	20	15	34	1,129	15	72	2.34	−1.7	.89	8	10.8	w.	41	se.	4	9	6	13	5.7	19.4	5.0	1
Concord [1]	289	4	45	993.9	1,004.7	-11.2	22.2	+1.9	48	14	32	−7	24	12	38	1,197	12	70	1.93	−1.0	1.06	5	10.0	nw.	26	se.	4	5	7	16	6.8	12.4	6.5	0
Burlington [1]	403	6	51	990.9	1,006.4	-10.2	16.4	−3.0	43	15	26	−12	20	7	35	1,362	12	82	1.42	−.2	.43	12	9.5	s.	33	s.	9	4	3	21	7.4	31.4	17.7	0
Boston [1]	124	33	62	1,000.3	1,005.1	-10.5	29.6	+.8	53	14	38	8	20	21	38	992	16	60	1.44	−1.9	.95	4	14.7	w.	36	se.	4	9	10	9	5.4	9.0	T	0
Nantucket [1]	12	4	34	1,004.7	1,005.4	-9.5	30.8	+.1	50	4	38	12	22	24	30	959	22	74	2.88	−.5	1.40	11	18.1	nw.	50	e.	21	6	10	12	6.1	17.6	T	0
Block Island	26	11	46	1,005.1	1,006.1	-9.5	30.4	.0	51	4	36	13	21	24	21	965	22	72	1.66	−2.0	.89	6	23.1	nw.	56	ne.	21	7	13	8	5.5	13.3	.3	0
Providence [5]	159	46	60	1,000.0	1,006.1	-10.2	30.0	+1.0	56	18	38	10	20	22	27	982	16	63	1.83	−1.8	1.11	6	11.5	nw.	37	nw.	11	7	13	8	5.3	12.3	.7	0
Hartford [1]	159	5	44	1,001.0	1,007.1	-9.5	26.5	−.7	52	4	35	8	9	18	33	1,077	17	70	2.61	−1.2	1.14	5	11.3	nw.	29	sw.	9	8	8	12	6.0	18.7	5.0	0
New Haven [1]	107	5	39	1,003.4	1,007.8	-9.1	27.7	−.2	48	4	35	10	6	20	28	1,047	16	63	2.45	−1.3	1.48	5	10.2	w.	26	sw.	9	8	11	9	5.8	21.6	4.2	0
MIDDLE ATLANTIC							29.6	−3.4										64	1.62	−1.5											5.5			
Albany [1]	97	26	40	1,004.1	1,007.5	−9.8	21.4	.0	42	4	29	−2	6	14	31	1,224	14	73	.89	−1.6	.46	9	12.6	w.	38	w.	4	3	8	17	7.5	13.3	8.6	0
Binghamton [3]	871	60	79	976.6	1,009.8	−7.5	22.3	−1.7	49	14	30	0	5	15	36	1,192	13	74	1.10	−1.2	.47	12	9.1	w.	24	w.	22	2	9	17	7.7	19.6	1.0	0
New York	314	415	454	997.0	1,008.8	−8.5	28.9	−2.4	49	4	36	5	5	22	33	1,006	15	56	2.35	−1.5	1.06	5	21.0	nw.	50	nw.	10	8	13	7	5.3	20.6	3.4	1
Harrisburg [1]	374	30	49	997.3	1,011.5	−6.8	27.6	−2.6	53	14	35	3	5	20	31	1,049	16	62	1.77	−1.2	1.40	5	11.2	nw.	34	nw.	4	4	12	12	6.0	18.2	6.2	0
Philadelphia [3]	114	5	57	1,006.4	1,010.5	−7.8	30.1	−3.8	53	4	37	6	5	23	39	978	19	72	2.42	−.9	1.73	6	9.7	w.	25	ne.	20	12	11	5	4.8	17.5	2.3	0
Reading	323	47	306	998.6	1,010.8	−7.5	28.6	−1.9	54	14	36	4	5	21	33	1,018	----	---	2.22	−1.2	1.46	6	15.5	w.	37	w.	9	10	11	7	5.1	19.1	3.2	0
Scranton	805	72	104	979.7	1,009.8	−8.2	23.7	−3.6	47	14	31	−1	5	17	35	1,157	----	---	1.25	−1.8	.78	4	9.1	nw.	22	nw.	2	1	13	14	6.8	16.9	5.0	0
Atlantic City	52	37	172	1,008.5	1,010.5	−7.1	31.0	−2.6	50	18	38	7	5	24	36	948	20	66	1.71	−1.6	.85	5	19.4	w.	54	ne.	21	9	13	6	5.3	10.1	.8	0
Trenton	190	89	107	1,002.7	1,009.8	−7.8	28.7	−2.0	53	4	36	5	5	22	39	1,017	----	---	1.69	−1.6	1.13	6	12.1	w.	29	nw.	10	8	13	7	5.0	19.8	1.4	0
Baltimore [3]	123	100	215	1,007.5	1,012.2	−6.4	31.8	−3.6	56	14	40	6	5	24	36	928	17	58	1.87	−1.5	1.53	5	13.3	sw.	38	sw.	9	8	15	5	4.7	12.5	1.6	0
Washington [3]	112	56	100	1,008.3	1,012.9	−5.7	31.7	−3.6	57	14	40	7	5	23	34	933	16	52	1.65	−1.6	1.23	6	10.5	nw.	32	w.	22	8	11	9	5.4	12.6	2.8	0
Cape Henry	18	8	54	1,011.9	1,012.5	−5.5	36.2	−5.0	67	15	44	14	9	28	41	807	25	68	1.55	−1.7	.93	5	15.9	w.	46	nw.	4	14	5	9	4.8	5.8	T	0
Lynchburg [1]	686	4	50	988.2	1,013.5	−5.1	31.0	−7.3	61	18	41	8	9	21	34	955	17	60	.64	−2.5	.39	4	10.9	w.	29	sw.	6	13	9	6	4.6	7.4	4.8	0
Norfolk [3]	91	80	125	1,009.8	1,013.2	−5.4	37.0	−5.7	65	18	46	14	5	28	45	782	23	65	1.26	−2.0	.68	5	11.8	w.	32	nw.	4	14	6	8	4.6	3.0	.0	0
Richmond [3]	144	11	52	1,007.1	1,012.5	−6.5	34.2	−5.4	65	18	45	11	5	24	40	862	19	62	2.01	−1.2	1.64	4	9.8	sw.	27	sw.	6	12	8	8	4.5	4.1	T	0
SOUTH ATLANTIC							40.9	−6.2										61	1.24	−2.4											4.2			
Asheville	2,253	77	92	933.6	1,016.6	−3.0	30.9	−7.6	65	18	41	5	8	20	37	956	18	68	1.16	−2.0	.73	10	10.8	nw.	25	nw.	5	11	9	8	4.9	11.0	T	0
Charlotte [3]	779	63	86	986.1	1,015.2	−3.8	37.7	−6.2	70	18	49	13	9	27	36	763	20	58	1.50	−2.7	1.24	4	8.2	sw.	33	sw.	23	16	5	7	4.1	T	.0	0
Greensboro [1]	886	6	56	982.1	1,014.9	-----	33.7	−5.7	69	18	46	10	9	22	44	876	18	60	1.19	−2.5	1.03	5	9.9	w.	27	w.	22	13	7	8	4.4	1.2	T	0
Hatteras	11	5	50	1,012.5	1,012.9	−5.4	41.6	−5.8	65	4	49	19	9	34	32	655	32	72	1.25	−2.8	.83	4	16.5	nw.	40	sw.	6	10	8	10	5.2	T	.0	2
Raleigh [3]	376	5	69	1,000.3	1,014.6	−4.4	37.0	−6.2	72	18	48	13	9	26	38	785	20	62	1.05	−2.9	.78	4	8.4	nw.	25	nw.	22	15	9	4	3.8	T	.0	0
Wilmington	72	73	107	1,012.2	1,014.9	−4.4	42.1	−5.8	68	18	52	18	9	32	36	643	29	64	.67	−2.6	.33	4	11.5	nw.	31	n.	23	15	8	5	3.7	T	.0	2
Charleston [3]	48	11	92	1,014.2	1,015.9	−3.4	46.1	−6.3	73	18	55	22	5	37	37	525	27	60	.36	−2.6	.27	4	11.2	w.	32	nw.	4	14	8	6	4.1	T	.0	0
Columbia, S. C. [3]	347	70	91	1,002.7	1,015.9	−3.4	42.6	−5.6	73	18	54	19	9	31	34	630	23	56	.77	−3.0	.51	3	9.7	w.	33	sw.	6	18	6	4	3.2	.0	.0	0
Greenville, S. C. [1]	1,040	18	36	977.0	1,015.2	-----	37.8	−5.5	69	18	50	13	9	26	36	762	20	54	1.01	−4.2	.64	5	9.8	w.	37	sw.	6	18	6	4	3.6	.5	.0	0
Augusta [3]	182	62	77	1,009.8	1,016.3	−2.7	43.4	−6.5	74	18	55	21	5	32	40	609	24	52	1.06	−3.0	.75	4	7.8	nw.	26	w.	23	16	8	4	3.6	.2	.0	0
Savannah [1]	65	73	152	1,014.6	1,016.9	−2.4	47.0	−5.4	77	18	58	22	5	36	37	506	30	62	.56	−2.6	.18	6	12.3	w.	39	nw.	4	11	10	7	4.7	.0	.0	0
Jacksonville [3]	43	86	110	1,015.9	1,017.3	−2.3	50.5	−7.5	76	18	60	25	5	41	35	407	37	68	4.36	+1.4	1.95	9	9.8	nw.	28	nw.	4	13	6	9	4.7	.0	.0	2
FLORIDA PENINSULA							61.5	−5.3										76	3.40	+1.4											4.8			
Key West [3]	21	10	64	1,015.2	1,016.3	−2.3	67.5	−3.0	82	1	73	53	11	62	17	31	57	77	4.17	+2.8	2.87	8	10.4	n.	35	nw.	5	13	8	7	4.2	.0	.0	1
Miami [3]	25	242	249	1,015.6	1,016.6	−2.7	62.2	−5.8	79	1	70	35	6	55	24	124	50	75	2.01	.0	.94	7	15.0	nw.	34	nw.	5	14	8	6	4.3	.0	.0	0
Tampa [1]	35	6	43	1,016.3	1,017.6	−2.0	64.8	−7.1	76	4	64	32	11	46	32	292	44	76	4.02	+1.5	1.48	11	8.8	ne.	26	sw.	20	8	8	12	5.9	.0	.0	0
EAST GULF							45.5	−6.7										63	2.02	−2.6											4.5			
Macon [3]	370	79	87	1,003.4	1,016.9	−3.1	43.5	−5.8	73	18	55	20	10	32	39	602	23	51	1.09	−3.3	.90	4	8.2	nw.	29	nw.	4	12	10	6	4.0	T	.0	1
Thomasville	274	49	58	1,008.5	1,018.6	-----	48.4	−6.6	73	18	60	22	5	37	32	466	----	---	1.53	−2.9	.58	5	----	------	--	------	--	11	9	8	---	.0	.0	0
Apalachicola	35	11	51	1,016.9	1,018.3	−1.0	50.2	−6.1	72	20	59	26	5	41	33	414	38	68	2.81	−1.1	1.65	8	9.2	nw.	26	s.	20	9	10	9	5.1	.0	.0	3
Pensacola [3]	56	54	79	1,017.3	1,019.3	−0.3	49.0	−6.2	74	15	59	24	10	39	34	451	34	64	3.14	−1.2	2.11	5	8.3	n.	26	n.	4	12	7	9	4.8	.0	.0	1
Birmingham [1]	700	5	62	993.2	1,019.3	−0.7	38.8	−7.7	73	16	52	13	8	26	45	734	24	62	1.86	−3.2	1.46	4	9.2	nw.	32	sw.	6	15	6	7	4.0	T	.0	0
Mobile [3]	57	86	161	1,017.6	1,019.6	0.0	48.8	−5.9	76	16	59	24	10	39	32	453	33	65	2.27	−3.1	1.15	5	9.3	n.	36	n.	4	11	8	9	4.9	.0	.0	1
Montgomery [3]	218	92	105	1,010.8	1,019.0	−1.0	44.7	−6.9	75	16	56	19	8	34	36	572	28	60	1.66	−3.8	1.32	4	8.5	nw.	25	sw.	6	16	7	5	3.5	.0	.0	2
Meridian [3]	375	67	92	1,006.1	1,020.0	+0.4	42.3	−7.3	76	16	54	16	8	30	40	632	27	66	1.67	−3.8	1.06	6	6.6	w.	21	sw.	6	13	10	5	4.1	.0	.0	1
Vicksburg [3]	247	82	102	1,011.2	1,020.7	+0.7	43.6	−8.2	77	16	54	19	8	33	30	597	27	66	1.41	−3.4	1.05	7	9.3	n.	24	sw.	6	13	7	8	4.7	.0	.0	1
New Orleans [4]	53	50	84	1,017.6	1,019.6	0.0	49.4	------	77	16	60	28	11	39	34	437	35	63	2.73	−1.5	1.44	8	7.1	nw.	26	nw.	20	10	7	11	5.4	.0	.0	2
WEST GULF							46.7	−5.8										65	0.94	−1.7											5.2			
Shreveport [1]	249	5	64	1,011.9	1,021.0	+1.4	43.4	−6.5	78	16	55	19	8	32	38	604	30	65	3.60	+.3	2.36	8	9.7	n.	40	n.	4	10	10	8	5.2	T	.0	2
Fort Smith [1]	463	57	82	1,004.4	1,021.0	+2.0	36.6	−6.2	72	15	48	12	10	25	38	795	24	63	.14	−2.4	.08	3	8.5	nw.	34	ne.	3	11	9	8	4.9	1.3	.0	0
Little Rock [1]	357	26	58	1,007.8	1,021.0	+1.4	38.1	−6.8	71	16	48	13	10	28	36	758	24	60	.51	−3.3	.26	5	10.1	nw.	33	n.	3	14	7	7	4.2	1.3	.0	2
Austin [1]	605	10	41	999.0	1,021.3	-----	47.0	−6.4	79	16	58	24	10	36	39	505	32	61	.43	−1.9	.28	4	10.3	n.	44	n.	7	10	9	9	5.1	.0	.0	1
Brownsville [1]	57	5	54	1,016.3	1,018.3	+1.7	57.0	−5.6	81	19	67	35	5	47	33	229	48	80	1.09	−.4	.55	5	10.8	n.	34	n.	4	8	8	12	6.2	.0	.0	0
Corpus Christi [1]	20	4	33	1,019.3	1,020.0	+2.0	53.0	−3.7	79	6	63	35	8	43	38	339	40	68	.18	------	.10	6	11.4	n.	36	n.	4	8	11	9	5.4	.0	.0	2
Dallas [1]	512	5	45	1,002.4	1,021.7	+2.7	43.9	−6.1	79	16	55	20	10	33	38	590	28	58	.54	−1.7	.49	4	10.1	n.	35	n.	3	10	9	9	5.3	.2	.0	1
Fort Worth [1]	679	40	56	996.6	1,021.3	+2.7	43.9	−3.4	79	16	55	21	9	33	36	592	28	58	.55	−1.2	.50	3	11.3	n.	38	n.	3	11	8	9	5.2	T	.0	0
Galveston [3]	54	106	114	1,018.3	1,020.3	+1.3	51.0	−5.3	70	15	58	32	8	44	24	394	42	79	.45	−2.4	.32	3	12.6	n.	34	e.	11	11	9	8	5.3	.0	.0	1
Houston [3]	138	157	190	1,015.2	1,021.0	+2.0	50.2	−5.7	78	16	60	29	10	41	31	421	38	70	.68	−2.5	.31	6	10.8	n.	28	nw.	4	11	7	10	5.4	.0	.0	2
Palestine	510	64	72	1,002.7	1,021.0	+1.7	45.3	−5.9	79	16	55	23	8	36	30	553	26	51	1.59	−1.5	1.25	7	7.8	n.	26	n.	4	12	8	8	4.9	.5	.0	1
Port Arthur [3]	34	59	134	1,019.0	1,020.3	+1.7	49.6	−7.5	76	16	59	28	8	40	29	433	36	70	1.36	−2.2	.72	7	12.8	n.	38	n.	4	13	4	11	5.0	.0	.0	1
San Antonio [1]	693	8	51	995.3	1,020.7	+2.7	48.6	−6.8	81	17	62	25	5	36	44	461	34	61	.29	−1.4	.26	3	9.5	ne.	40	ne.	4	8	9	11	5.7	.0	.0	0
OHIO VALLEY AND TENNESSEE							27.3	−7.6										72	1.00	−2.4											6.4			
Chattanooga [1]	762	6	66	989.8	1,018.6	−1.4	35.4	−6.8	68	18	48	12	8	23	42	827	22	66	2.56	−2.3	1.97	6	9.5	nw.	41	sw.	6	15	3	10	4.5	T	.0	0
Knoxville [1]	995	27	53	981.0	1,018.3	−1.3	33.2	−7.6	64	18	44	8	8	23	38	891	20	65	2.67	−1.8	1.85	8	9.9	sw.	33	sw.	6	10	7	11	5.5	4.3	.0	0
Memphis [4]	399	5	86	1,005.4	1,020.7	+0.7	36.4	−6.6	68	16	47	13	8	26	38	799	24	64	.71	−3.6	.35	4	10.0	nw.	31	nw.	4	12	11	5	4.0	1.5	.0	2
Nashville [1]	546	5	72	998.6	1,019.3	−1.0	32.3	−9.3	65	14	43	7	8	22	39	917	20	66	1.07	−3.1	.41	7	10.5	nw.	40	nw.	4	11	9	8	5.1	13.3	T	0
Lexington [1]	989	4	28	980.4	1,018.0	-----	25.9	−9.5	58	14	34	0	8	18	37	1,093	17	74	.85	−2.8	.27	9	----	w.	--	------	--	5	7	16	6.8	11.1	.0	0
Louisville [1]	525	106	120	998.3	1,018.3	−1.7	28.1	−7.9	61	14	37	4	8	19	35	1,029	18	68	.40	−3.2	.11	8	9.9	w.	29	n.	4	5	7	16	6.8	5.1	.0	0

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR FEBRUARY 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: Departure from normal	Temperature: Maximum	Temperature: Date	Temperature: Mean maximum	Temperature: Minimum	Temperature: Date	Temperature: Mean minimum	Temperature: 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—con.																																		
Evansville [1]	431	11	40	1,003.1	1,019.3	−0.3	27.8	−7.1	63	14	37	6	8	19	40	1,044	18	70	.27	−3.0	.25	3	10.4	w.	34	w.	7	7	8	13	6.2	3.7	T	0
Indianapolis [1]	823	5	54	985.4	1,016.6	−2.4	22.5	−7.8	56	14	30	−1	8	15	35	1,189	16	76	.37	-----	.12	8	13.8	w.	38	sw.	3	7	6	15	6.6	5.5	.0	0
Terre Haute [2]	575	68	149	993.9	1,019.3	0.0	24.3	−7.0	58	14	33	1	7	16	38	1,141	16	73	.15	−2.5	.06	6	12.1	w.	31	nw.	4	9	4	15	6.4	1.5	T	0
Cincinnati [2]	627	11	51	993.6	1,017.3	−1.0	28.2	−4.6	60	14	36	4	8	21	40	1,030	17	74	.33	−2.7	.11	7	9.3	w.	26	nw.	4	2	9	17	7.1	4.3	.0	0
Columbus [2]	822	90	110	984.8	1,015.6	−3.4	24.0	−6.7	53	14	31	−1	8	17	43	1,147	16	79	.51	−2.2	.16	10	12.7	sw.	34	sw.	9	6	8	14	6.7	5.4	T	0
Dayton [1]	1,003	6	55	978.7	1,016.6	−2.0	22.0	−7.9	53	14	30	−3	8	14	38	1,201	15	79	.14	−2.6	.12	2	15.2	w.	35	w.	9	5	9	14	6.8	6.0	T	0
Elkins [1]	1,947	4	45	942.8	1,015.2	−4.4	21.4	−9.6	57	14	31	−3	5	12	45	1,221	15	82	1.93	−1.2	.54	17	9.1	w.	30	nw.	2	3	4	21	7.7	26.8	9.5	0
Parkersburg	637	77	84	991.9	1,015.9	−3.7	26.4	−7.8	58	14	35	2	8	18	46	1,081	18	72	1.04	−2.1	.40	12	8.2	sw.	24	nw.	1	2	5	21	8.1	13.3	2.0	0
Pittsburgh [1]	842	39	54	982.1	1,013.2	−5.1	22.1	−7.7	51	14	29	−2	5	15	45	1,204	14	74	1.32	−1.3	.57	16	13.4	w.	31	sw.	9	2	6	20	7.7	23.1	4.3	0
LOWER LAKES																																		
							21.5	−2.7										80	1.18	−1.3											7.8			
Buffalo [1]	768	34	96	981.0	1,010.2	−6.7	21.6	−2.1	46	3	27	2	5	16	39	1,216	16	81	1.59	−1.4	.31	17	18.4	w.	47	w.	9	0	6	22	9.0	22.2	4.8	0
Canton	448	10	61	990.5	1,007.5	−9.1	15.6	−.2	41	14	24	−10	12	7	33	1,384	12	85	1.38	−.9	.29	16	9.2	w.	32	w.	9	6	2	20	7.3	18.8	15.0	0
Oswego	335	71	85	997.3	1,010.2	−6.1	22.4	−.3	45	14	28	4	20	17	26	1,194	16	74	1.66	−1.0	.37	20	13.0	w.	30	nw.	10	3	5	20	8.0	37.8	15.4	0
Rochester [1]	523	5	69	989.8	1,009.8	−7.5	21.6	−1.3	45	14	28	2	5	15	35	1,219	16	82	1.05	−1.6	.30	15	15.1	w.	45	sw.	9	2	5	21	8.3	17.0	6.0	0
Syracuse [1]	596	5	57	986.5	1,009.5	−7.8	20.5	−2.4	46	14	28	−8	20	13	33	1,245	15	80	2.12	−.6	.50	19	13.4	sw.	41	sw.	9	4	3	21	8.1	26.6	11.1	0
Erie [2]	714	57	81	985.1	1,012.5	−5.1	23.5	−3.4	50	14	29	5	8	18	37	1,163	17	85	2.77	+.2	.61	18	11.2	w.	31	w.	9	1	4	23	8.3	36.9	3.8	0
Cleveland [1]	762	27	54	984.8	1,013.5	−4.5	22.6	−3.7	51	14	30	−2	8	16	40	1,186	16	82	.75	−1.8	.19	14	15.4	w.	43	w.	3	2	6	20	7.8	12.1	T	0
Sandusky	629	5	67	989.8	1,013.9	-----	23.6	−3.8	54	14	30	−1	8	17	38	1,157	-----	---	.40	−1.8	.12	10	12.4	sw.	30	sw.	9	2	13	13	7.2	5.2	T	0
Toledo [1]	628	5	47	989.8	1,013.9	−4.7	22.0	−4.0	51	14	29	−1	8	14	30	1,204	13	70	.43	−1.6	.20	11	14.5	sw.	33	w.	9	2	9	17	7.6	5.1	.1	0
Fort Wayne [1]	857	5	33	983.1	1,015.6	−3.0	20.6	−6.0	50	14	28	−2	8	13	27	1,242	16	84	.42	−1.9	.13	12	10.9	w.	30	s.	3	4	12	12	6.6	4.5	1.0	0
Detroit [1]	730	5	78	985.1	1,012.9	−5.1	22.5	−2.3	47	14	28	1	8	16	31	1,192	16	77	.38	−1.8	.08	15	13.5	nw.	37	w.	9	3	6	19	7.6	4.1	1.0	0
UPPER LAKES																																		
							17.6	−0.6										80	0.97	−0.7											7.2			
Alpena	609	5	89	987.1	1,010.5	−6.8	18.7	+.7	45	13	27	−5	5	11	33	1,296	13	80	.72	−1.0	.21	18	11.4	nw.	31	nw.	22	2	5	21	8.0	13.0	11.4	0
Escanaba	612	51	72	989.2	1,012.5	−5.5	17.4	+2.0	37	13	25	−8	4	10	39	1,330	12	80	.73	−.8	.30	14	12.2	nw.	29	n.	14	5	7	16	7.3	7.0	3.8	0
Grand Rapids [2]	707	70	244	986.5	1,013.9	−4.1	22.4	−1.3	47	14	28	0	4	17	30	1,193	15	80	.81	−1.4	.19	14	11.7	w.	40	sw.	3	0	11	17	7.6	23.1	4.6	0
Lansing [2]	878	5	90	979.7	1,013.2	−4.4	20.6	−2.3	45	14	28	0	8	14	26	1,239	14	78	.84	−1.1	.18	14	10.1	w.	28	w.	9	2	7	19	7.8	10.5	5.0	0
Marquette	734	44	73	984.1	1,012.5	−5.1	17.9	+1.6	49	13	24	−6	4	12	35	1,318	12	78	3.29	+1.4	1.13	21	10.3	nw.	22	w.	3	2	4	22	8.2	39.1	31.2	0
Sault Sainte Marie [1]	614	11	52	986.8	1,010.2	−7.4	14.2	+2.8	41	13	22	−14	5	6	29	1,426	10	86	1.69	+.3	.51	17	12.2	nw.	33	nw.	22	3	3	22	8.2	17.0	17.0	0
Chicago [1]	673	5	36	990.9	1,016.6	−2.0	20.4	−4.5	49	14	28	−2	2	13	40	1,244	14	78	.38	−1.7	.14	10	13.0	w.	33	w.	3	4	10	14	6.7	5.0	T	0
Green Bay	617	5	32	990.5	1,014.6	−3.4	16.6	−.8	39	14	24	−10	14	9	38	1,355	10	77	.51	−1.0	.23	10	10.2	w.	26	sw.	3	5	6	17	6.8	6.8	T	0
Milwaukee [1]	681	33	66	989.2	1,015.6	−2.4	17.6	−3.6	45	14	25	−8	4	10	40	1,331	11	74	.29	−1.5	.08	8	14.1	nw.	36	nw.	4	6	8	14	6.4	5.2	4.5	0
Duluth [2]	1,133	5	47	973.2	1,016.9	−1.4	10.6	−.8	47	13	20	−20	5	1	36	1,508	5	88	.42	−.6	.13	8	15.3	nw.	47	nw.	4	10	8	10	5.4	4.2	3.0	0
NORTH DAKOTA																																		
							9.5	+2.0										82	0.32	−0.2											7.6			
Fargo [1]	940	6	47	985.4	1,022.4	+2.1	9.3	+1.2	43	13	18	−17	1	0	39	1,558	5	85	.41	−.3	.20	8	14.3	n.	48	nw.	3	4	3	21	7.8	2.9	.5	0
Bismarck [1]	1,677	5	43	959.7	1,024.0	+3.3	11.6	+3.1	46	16	22	−22	1	1	40	1,495	6	82	.29	−.2	.26	4	12.8	nw.	49	nw.	3	4	7	17	7.6	4.5	.6	0
Devils Lake	1,478	11	44	966.1	1,023.4	+3.8	6.8	+1.7	38	13	16	−25	1	−3	42	1,632	0	77	.44	−.1	.22	6	10.7	nw.	36	nw.	3	5	7	16	7.2	6.1	.8	0
Grand Forks [1]	832	4	41	990.2	1,023.0	-----	6.5	-----	35	16	16	−20	1	−3	43	1,639	2	86	.45	-----	.18	12	----	nw.	--	-----	--	2	6	20	----	5.7	4.6	0
Williston	1,878	42	50	952.9	1,023.7	+4.1	10.2	+2.1	47	12	21	−27	1	−1	55	1,536	6	80	.03	−.4	.03	1	8.2	nw.	30	nw.	7	4	4	20	7.6	1.2	1.3	0
UPPER MISSISSIPPI																																		
							20.1	−3.3										76	0.31	−1.4											6.5			
Minneapolis-St. Paul [1]	919	43	74	983.1	1,018.3	−0.3	14.8	−1.1	46	13	23	−10	1	6	35	1,408	8	76	.20	−.8	.06	7	12.3	nw.	37	nw.	3	6	7	15	6.9	1.9	T	0
La Crosse [1]	714	5	29	990.2	1,017.3	−1.0	15.8	−1.2	44	13	24	−11	1	7	40	1,377	11	82	.22	−.8	.09	7	11.4	nw.	33	nw.	3	5	7	16	6.8	2.0	T	0
Madison [2]	974	70	78	979.3	1,016.6	−2.4	17.0	−2.1	48	14	26	−7	2	8	41	1,344	11	79	.12	−1.4	.06	6	12.4	nw.	40	nw.	3	5	5	18	6.8	1.8	3.2	0
Charles City	1,015	10	51	981.0	1,020.0	+0.4	15.1	−2.0	44	13	23	−11	1	7	45	1,401	-----	---	.50	−.6	.18	7	7.9	nw.	22	nw.	4	8	7	13	6.4	5.6	1.2	0
Moline [1]	606	6	50	995.9	1,019.6	0.0	20.1	−3.4	50	13	28	−1	5	13	39	1,253	14	77	.23	−1.4	.07	6	13.0	w.	36	w.	4	6	7	15	6.6	4.3	T	0
Dubuque	699	60	79	991.5	1,018.3	−1.0	18.2	−4.0	44	14	26	−7	2	10	39	1,310	10	70	.42	−1.0	.16	6	7.2	nw.	26	nw.	3	8	6	14	6.2	3.5	T	0
Burlington [1]	702	4	36	992.9	1,019.6	-----	20.9	−5.5	51	13	30	−2	7	12	46	1,237	15	82	.17	−1.6	.11	7	14.1	nw.	39	nw.	3	4	7	17	6.8	1.7	.1	0
Cairo	357	5	99	1,006.8	1,020.0	+0.4	32.2	−6.3	64	14	40	8	8	24	31	916	-----	---	.55	−2.6	.27	6	10.1	nw.	29	nw.	1	10	10	8	5.2	6.2	.1	0
Peoria [1]	609	6	26	995.9	1,019.3	−0.3	21.5	−3.4	52	14	30	−1	7	13	44	1,219	14	76	.33	−1.7	.12	6	13.0	w.	33	nw.	4	5	7	16	7.0	5.3	T	0
Springfield, Ill. [2]	636	5	191	995.3	1,018.6	−0.4	25.8	−3.7	58	14	34	3	7	18	44	1,101	15	70	.36	−2.0	.25	8	13.2	nw.	35	nw.	4	5	9	14	6.4	4.5	.7	0
MISSOURI VALLEY																																		
							24.3	−2.2										71	0.35	−0.9											6.4			
Columbia, Mo. [2]	784	6	66	991.2	1,021.0	+1.7	28.3	−4.1	60	14	38	5	7	19	44	1,029	14	60	.23	−1.8	.27	1	9.0	nw.	28	nw.	3	12	8	8	4.8	3.3	2.6	0
Kansas City [1]	963	39	76	985.4	1,022.0	+2.7	28.9	−2.3	66	15	39	0	7	19	38	1,007	16	60	.45	−1.0	.45	1	13.2	nw.	45	nw.	6	8	12	8	5.8	5.4	5.0	0
St. Joseph [2]	967	11	49	985.8	1,022.4	+3.1	26.7	−2.9	66	15	37	−4	7	17	40	1,062	16	65	.31	−1.4	.31	1	10.6	nw.	38	nw.	6	10	14	4	4.5	4.1	3.5	0
Springfield, Mo. [1]	1,324	5	67	971.9	1,021.3	+2.3	28.7	−5.3	64	15	39	3	9	18	41	1,016	18	70	.35	−2.0	.17	4	13.1	w.	42	w.	6	7	13	8	5.5	5.3	3.0	0
Topeka [2]	987	65	87	985.1	1,022.4	-----	28.9	−2.1	72	15	40	−2	7	18	44	1,013	16	65	.63	−.9	.56	4	10.5	nw.	42	nw.	6	8	10	10	6.0	6.4	5.2	0
Lincoln [2]	1,189	11	81	977.3	1,022.4	+2.8	24.8	−1.3	61	13	34	−7	7	15	34	1,129	17	77	.24	−.7	.09	7	11.9	nw.	51	nw.	6	5	3	20	7.4	3.5	.8	0
Omaha [1]	1,105	5	68	980.0	1,022.0	+2.0	21.8	−2.5	60	13	31	−8	7	13	38	1,213	15	75	.19	−.7	.10	5	14.2	nw.	47	nw.	7	4	5	19	7.4	4.1	1.0	0
Valentine	2,598	46	54	926.5	1,022.4	+2.4	21.9	+.5	61	12	34	−15	1	10	45	1,205	14	74	.09	−.5	.64	5	10.9	nw.	34	nw.	7	3	8	17	7.4	1.7	.8	0
Sioux City [1]	1,138	5	40	978.7	1,022.0	+2.0	17.6	−2.8	49	13	27	−12	1	8	44	1,329	13	81	.63	−.2	.29	9	12.8	nw.	46	nw.	6	4	2	22	7.8	6.7	3.3	0
Huron [1]	1,301	5	41	972.9	1,022.7	+2.0	15.4	+1.1	50	16	26	−23	1	5	44	1,387	11	86	.36	−.2	.09	9	14.3	nw.	49	nw.	6	4	5	19	7.8	7.5	1.2	0
NORTHERN SLOPE																																		
							24.3	+1.6										72	0.64	−0.1											6.7			
Billings [1]	3,570	16	40	894.0	1,023.0	-----	24.4	+.2	60	5	36	−13	27	13	49	1,138	16	71	.66	-----	.47	6	11.3	sw.	49	nw.	5	8	5	15	6.6	14.2	6.7	0
Havre	2,507	11	67	931.9	1,026.1	+6.1	15.5	+1.9	56	12	27	−20	1	4	56	1,385	10	79	.37	−.1	.08	10	8.1	e.	26	sw.	5	6	6	16	6.8	3.0	1.8	0
Helena [1]	4,124	5	43	876.1	1,023.4	+3.8	27.2	+5.6	55	12	37	−2	26	17	39	1,058	18	69	.37	.0	.13	7	9.3	w.	44	sw.	1	8	3	17	6.6	3.6	.4	0
Missoula [1]	3,205	4	32	905.2	1,022.7	-----	31.1	+7.3	51	23	40	5	10	23	27	948	23	72	1.05	+.2	.46	7	8.1	se.	39	nw.	2	6	6	16	6.5	2.0	.0	0
Kalispell	2,973	48	56	915.0	1,021.7	+2.4	27.0	+3.7	50	12	36	−3	10	18	27	1,062	20	73	.90	−.2	.38	7	5.3	w.	27	sw.	2	9	6	13	5.7	11.6	.4	0
Miles City [1]	2,371	5	78	936.3	1,024.7	+4.0	17.6	-----	56	12	30	−15	24	6	59	1,327	12	76	.19	-----	.07	7	----	nw.	--	-----	--	4	5	19	7.1	3.0	2.4	0
Rapid City [1]	3,259	5	63	903.5	1,023.0	+2.7	20.4	−1.4	62	12	33	−15	1	8	43	1,245	14	77	.36	−.1	.21	8	16.8	nw.	67	nw.	7	4	9	15	6.9	5.8	4.0	0
Cheyenne [1]	6,094	5	40	811.7	1,021.7	+3.7	23.9	−3.4	57	14	36	−6	27	12	54	1,152	12	65	.69	.0	.26	10	12.7	nw.	48	nw.	2	4	9	15	7.0	8.2	4.4	0
Lander [1]	5,352	60	68	835.8	1,022.0	+2.4	24.6	+2.1	55	4	38	−11	27	12	49	1,129	12	61	.38	−.2	.18	7	6.6	se.	38	w.	2	6	7	15	6.5	5.6	3.4	0
Sheridan [1]	3,790	5	38	886.6	1,023.7	+4.1	22.7	+.1	61	5	35	−19	27	10	44	1,185	15	75	1.15	+.4	.44	11	8.3	nw.	51	nw.	5	4	7	17	6.8	15.4	5.7	0
North Platte [2]	2,821	11	51	919.1	1,022.0	+2.4	26.6	.0	66	15	38	−7	1	15	42	1,078	17	73	.18	−.4	.12	4	8.3	n.	29	nw.	7	4	8	16	7.3	2.8	2.0	0

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR FEBRUARY 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																																		
							32.5	−1.9										62	0.42	−0.5											5.3			
Denver [2]	5,292	106	113	837.5	1,020.3	+3.0	30.6	−2.1	65	12	42	3	26	19	40	962	14	62	.98	+.4	.33	10	7.2	s.	30	n.	19	7	6	15	6.1	13.0	7.0	0
Pueblo [1]	4,690	5	36	857.4	1,020.7	+4.1	30.8	−1.3	78	15	45	2	27	16	60	957	18	68	.79	+.3	.46	8	7.2	se.	30	nw.	5	7	9	12	6.1	10.3	3.4	0
Concordia	1,392	50	58	970.5	1,022.4	+2.4	28.4	−1.4	68	13	39	−2	7	18	38	1,026	20	71	.16	−.7	.09	5	9.7	nw.	31	nw.	6	8	8	12	6.0	3.8	1.7	0
Dodge City [1]	2,509	5	58	930.6	1,021.3	+2.0	31.8	−1.4	72	15	44	7	24	19	42	932	18	62	.06	−.7	.06	1	16.3	nw.	45	nw.	6	10	9	9	5.1	.8	.3	0
Wichita [1]	1,358	6	64	971.6	1,021.7	+2.7	31.8	−2.6	72	15	43	2	7	20	43	931	16	53	.52	−.7	.34	3	15.6	nw.	44	n.	3	10	10	8	5.1	7.8	4.9	0
Oklahoma City [1]	1,214	10	47	977.0	1,021.3	+2.3	37.8	−1.8	75	15	49	13	9	27	37	760	22	59	.02	−1.1	.03	1	9.7	n.	34	n.	7	14	7	7	4.6	T	.0	0
Tulsa [1]	674	10	60	996.6	1,021.7	-----	36.5	−2.6	75	15	48	11	9	25	43	795	21	58	.40	−1.1	.31	3	12.1	nw.	43	n.	3	14	7	7	4.4	2.0	.0	1
SOUTHERN SLOPE																																		
							42.6	−2.5										52	0.11	−0.6											5.2			
Abilene [1]	1,738	4	59	958.0	1,020.3	+2.0	42.4	−3.6	80	17	54	18	9	30	40	635	24	54	.06	−1.0	.06	1	13.7	n.	49	n.	7	11	6	11	5.5	T	.0	1
Amarillo [1]	3,676	5	42	890.7	1,019.7	+2.4	35.3	−.8	73	15	49	11	9	22	44	830	20	58	.07	−.6	.04	4	14.1	n.	43	n.	7	9	9	10	5.6	1.0	.0	0
Del Rio	960	63	71	985.1	1,019.3	+2.0	50.8	−5.2	81	17	62	33	5	39	40	398	32	52	.32	−.2	.32	1	8.1	se.	27	nw.	6	13	6	9	4.9	.0	.0	0
Roswell	3,566	75	85	894.3	1,018.3	+1.7	42.0	−.5	74	17	57	20	2	27	44	646	20	44	T	−.6	T	0	8.2	s.	32	nw.	3	12	6	10	5.0	T	.0	0
SOUTHERN PLATEAU																																		
							51.9	+4.2										40	0.07	−0.8											4.7			
El Paso [1]	3,778	29	85	886.9	1,015.6	−0.3	49.7	+1.1	70	16	64	29	2	36	41	428	22	34	T	−.4	T	0	9.5	w.	38	w.	28	12	8	8	4.8	.0	.0	0
Albuquerque [1]	5,314	5	45	837.5	1,015.2	−0.4	42.2	+1.7	65	17	56	20	2	28	35	637	19	40	.14	−.2	.13	2	9.7	n.	39	nw.	28	13	7	8	4.6	T	.0	0
Flagstaff	6,907	36	51	790.0	1,018.6	-----	38.2	+7.4	65	15	53	12	1	23	44	751	20	55	.18	−1.9	.14	3	----	n.	--	------	--	11	7	10	5.1	T	.0	0
Phoenix [2]	1,107	39	87	975.3	1,014.6	−1.7	60.1	+5.0	85	14	75	35	1	45	40	142	35	46	.10	−.7	.10	2	5.9	e.	20	sw.	26	13	4	11	4.9	.0	.0	0
Tucson [1]	2,555	5	39	926.2	1,014.6	-----	57.8	+5.6	83	16	73	32	1	43	43	205	25	30	.02	−.9	.02	2	----	se.	--	------	--	13	3	12	5.1	.0	.0	0
Yuma	142	9	54	1,009.5	1,014.6	−2.0	63.2	+4.6	87	15	78	42	19	48	36	71	32	34	T	−.4	T	0	5.6	n.	20	n.	23	15	6	7	3.9	.0	.0	0
MIDDLE PLATEAU																																		
							39.2	+6.1										65	0.38	−0.6											5.8			
Reno [1]	4,527	20	52	863.5	1,018.6	0.0	42.0	+6.3	68	23	59	19	1	25	46	645	28	62	.51	−.7	.48	5	5.3	s.	31	nw.	27	10	9	9	5.2	T	.0	0
Winnemucca	4,339	5	56	869.3	1,018.6	−1.0	41.0	+7.5	64	23	54	20	25	28	40	675	28	61	.42	−.5	.23	4	7.3	ne.	26	w.	2	4	11	13	6.6	T	.0	0
Modena	5,473	10	46	834.1	1,017.3	−0.3	38.5	+7.5	62	15	53	15	1	24	40	742	----	---	.03	−.9	.03	1	8.0	w.	26	sw.	27	10	13	5	4.9	T	.0	0
Salt Lake City [1]	4,227	32	58	867.6	1,019.6	0.0	38.4	+6.3	62	16	48	20	1	29	28	745	28	70	.81	−.4	.43	4	7.1	se.	24	se.	17	6	11	11	6.1	6.5	2.7	0
Grand Junction [1]	4,602	60	68	861.5	1,020.7	+3.4	36.0	+3.1	58	16	47	7	1	24	33	815	25	67	.11	−.5	.06	3	5.1	se.	29	n.	24	7	9	12	6.1	1.0	T	0
NORTHERN PLATEAU																																		
							37.4	+5.8										70	0.36	−1.1											6.7			
Baker [2]	3,471	36	54	898.1	1,021.0	+0.7	36.2	+7.2	57	23	46	17	27	26	26	807	28	74	.32	−.9	.28	4	5.7	se.	25	sw.	2	7	5	16	6.8	1.1	.0	0
Boise [1]	2,739	5	49	922.8	1,020.7	−0.3	38.0	+4.4	59	23	47	20	28	29	27	752	30	73	.44	−1.0	.27	3	8.8	se.	28	e.	12	4	9	15	7.0	T	.0	0
Pocatello [1]	4,478	5	31	864.9	1,021.3	+1.0	34.8	+7.9	56	16	45	8	8	25	33	846	24	66	.26	−.9	.09	4	9.6	sw.	33	w.	2	7	10	11	6.0	2.7	.6	0
Spokane [1]	1,929	27	42	950.9	1,021.0	+1.7	36.1	+4.8	59	23	46	17	27	26	28	812	28	69	.26	−1.5	.09	8	6.5	ne.	38	sw.	2	6	5	17	6.8	.2	.0	0
Walla Walla	991	57	65	984.8	1,021.7	+2.1	41.8	+4.7	63	23	50	19	1	34	36	650	----	---	.54	−1.2	.31	7	4.9	s.	26	se.	11	5	9	14	6.8	T	.0	0
Yakima [1]	1,076	58	67	981.0	1,021.0	+2.0	39.3	------	69	23	51	8	1	27	38	719	28	66	.35	------	.17	4	----	w.	--	------	--	5	6	17	7.0	T	.0	0
NORTH PACIFIC COAST																																		
							46.4	+4.3										77	3.79	−1.5											7.4			
North Head	211	5	55	1,010.8	1,018.6	+1.3	46.4	+3.4	59	7	51	33	27	42	19	519	40	80	3.73	−3.7	1.15	12	13.4	e.	60	s.	1	6	4	18	7.3	.0	.0	0
Seattle [2]	125	90	321	1,014.9	1,019.6	+2.0	46.8	+4.0	61	9	53	33	3	41	20	514	37	75	4.08	+.2	1.71	9	8.6	se.	40	s.	1	4	5	19	7.4	T	.0	0
Tacoma	194	172	201	1,012.5	1,019.6	+1.6	45.8	+5.2	61	9	51	30	4	40	21	541	----	---	3.64	−1.0	1.74	9	7.8	n.	42	s.	1	7	8	13	6.7	.0	.0	0
Tatoosh Island	86	9	61	1,015.2	1,018.6	+2.7	45.4	+4.4	56	7	50	34	2	41	13	549	40	80	7.95	−1.5	1.65	13	18.2	e.	59	s.	11	5	4	19	7.4	T	.0	0
Medford [1]	1,329	29	58	970.9	1,019.0	+0.4	45.2	+2.9	68	24	56	27	8	34	38	556	36	74	1.22	−.8	.85	7	----	s.	--	------	--	3	7	18	7.2	T	.0	0
Portland, Oreg. [2]	154	68	106	1,013.9	1,019.6	+1.3	48.0	+5.9	62	22	54	32	3	41	26	473	36	72	3.12	−2.2	1.31	9	6.0	nw.	22	ne.	26	3	6	19	7.6	.0	.0	0
Roseburg	510	45	76	1,000.3	1,019.3	+0.3	47.6	+4.2	66	13	56	32	27	40	28	489	42	79	2.79	−1.7	1.14	9	3.4	nw.	18	se.	11	0	11	17	7.9	.0	.0	0
MIDDLE PACIFIC COAST																																		
							51.8	+2.1										79	2.16	−2.2											6.8			
Eureka	60	72	88	1,016.9	1,019.3	0.0	50.4	+3.2	67	13	55	40	28	45	21	410	44	80	1.33	−5.2	1.08	6	6.3	se.	28	se.	11	4	5	19	7.7	.0	.0	0
Red Bluff [1]	353	5	26	1,005.1	1,018.0	-----	52.3	+2.9	83	24	63	34	1	42	42	355	42	71	2.30	−1.6	1.37	7	6.5	nw.	37	se.	11	10	1	17	6.1	.0	.0	0
Sacramento [1]	66	92	115	1,016.3	1,018.6	0.0	50.9	+.8	74	24	59	33	4	43	9	393	45	83	2.34	−.7	1.86	7	5.3	s.	21	se.	9	5	9	14	6.7	.0	.0	2
San Francisco [1]	155	112	132	1,012.5	1,018.3	−.03	53.6	+1.4	75	24	59	44	1	48	25	321	46	82	2.65	−1.2	1.91	6	6.5	w.	25	se.	11	7	6	15	6.7	.0	.0	1
SOUTH PACIFIC COAST																																		
							56.9	+3.3										70	0.63	−1.5											6.3			
Fresno [1]	327	5	34	1,016.4	1,019.0	−0.3	52.4	+2.1	77	25	62	31	1	42	35	353	45	79	.60	−.8	.28	4	3.9	se.	18	nw.	16	5	6	17	7.4	.0	.0	1
Los Angeles	338	223	250	1,005.1	1,017.3	−0.7	59.8	+4.3	82	4	70	44	22	50	36	155	44	60	.86	−2.2	.86	1	6.1	w.	22	s.	9	5	12	11	6.0	.0	.0	0
San Diego [1]	87	20	55	1,014.2	1,017.3	−0.7	58.5	+3.4	82	4	68	44	23	49	33	185	47	71	.43	−1.6	.31	4	5.6	w.	23	sw.	9	9	6	13	5.6	.0	.0	0
ALASKA																																		
Anchorage [1]	132	6	44	1,007.1	1,012.2	-----	18.4	−0.2	52	15	28	−38	3	8	38	1,305	13	78	0.12	−0.6	0.11	2	5.2	n.	42	ne.	15	6	6	16	6.5	1.3	8.0	0
Fairbanks [1]	455	4	63	999.0	1,017.3	-----	0.4	−1.6	44	16	12	−58	3	−11	38	1,807	−3	82	0.03	−0.4	0.02	2	4.3	nw.	24	ne.	12	6	9	13	6.2	0.5	14.0	0
Juneau [1]	80	6	30	1,013.5	1,016.6	-----	25.0	−5.9	46	28	31	−9	1	19	24	1,121	20	81	2.18	−0.1	0.76	15	4.9	n.	26	se.	22	6	3	19	7.4	19.7	2.3	0
Nome	22	10	75	1,010.8	1,011.5	-----	14.0	−8.4	47	8	23	−42	5	5	48	1,430	12	86	0.65	−0.2	0.19	12	17.3	e.	56	e.	25	7	5	16	6.5	4.1	46.0	0
Barrow	29	5	27	1,030.1	1,030.5	-----	18.0	−1.5	7	18	−13	−47	3	−23	20	2,325	−18	100	0.04	−0.2	0.04	2	13.8	e.	46	e.	16	7	7	14	6.3	0.4	11.3	0
Bethel	28	5	31	1,004.1	1,005.8	-----	14.2	−4.2	47	8	23	−45	2	5	54	1,418	12	83	0.34	−0.8	0.11	7	12.4	ne.	--	------	--	11	5	12	5.5	2.9	14.0	0
Cordova	45	5	32	1,010.5	1,012.5	-----	25.2	------	49	27	35	−33	3	16	48	1,111	22	89	3.05	------	0.89	14	----	se.	30	se.	6	9	3	16	6.4	17.1	3.2	0
Gambell	32	5	32	1,010.5	1,011.5	-----	8.0	−5.6	36	25	14	−30	5	2	37	1,767	8	97	0.71	−0.3	----	11	----	n.	--	------	--	3	6	19	7.0	6.6	2.0	0
Ketchikan	25	69	90	1,015.2	1,015.9	-----	36.7	−1.5	51	25	42	3	1	31	22	793	33	86	9.96	−1.2	2.98	16	4.5	ne.	26	s.	4	6	4	18	7.4	7.9	0.0	0
Kotzebue	20	5	31	1,015.9	1,016.6	-----	5.7	−9.4	35	26	13	−48	5	−2	33	1,661	1	76	0.37	−0.1	0.10	9	----	e.	--	------	--	8	5	15	6.2	2.9	16.1	0
McGrath	341	5	31	999.3	1,013.2	-----	0.8	−5.7	47	16	13	−64	3	−11	40	1,799	−2	83	1.26	−0.2	0.64	10	----	n.	--	------	--	5	8	15	6.8	15.3	22.9	0
Northway	1,718	5	32	955.0	1,022.0	-----	−8.6	−5.6	32	26	1	−70	3	−19	35	1,492	−6	80	0.21	−0.1	0.16	4	2.2	e.	15	------	23	7	9	12	6.2	2.1	18.2	0
HAWAII																																		
Honolulu [2]	38	86	100	1,013.5	1,015.2	-----	71.6	+.8	80	7	76	60	11	67	14	0	62	70	0.25	−3.5	.10	3	9.6	ne.	37	ne.	28	13	11	4	4.4	.0	.0	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 bihourly.
[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