CLIMATOLOGICAL DATA

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	69.5	−1.9	3 stations	100	31	Valley Head	31	1	3.29	−0.66	Childersburg	10.40	Lock No. 3	1.13
Arizona	65.6	−.4	Maricopa	105	17	Chinle	10	20	.02	−.30	Inner Canyon	.30	89 stations	.00
Arkansas	66.2	−2.9	Morrilton	99	29	3 stations	32	5	5.23	+.26	Benton	8.76	El Dorado	2.70
California	59.6	−1.8	Cow Creek	109	3	Ellery Lake	8	19	1.26	+.31	Inskip	8.27	43 stations	.00
Colorado	53.2	+.8	Eversoll Ranch	102	26	Dillon	12	3	1.52	−.36	Ovid	4.31	Ignatio	.00
Florida	74.9	−.6	2 stations	105	31	2 stations	40	6	1.93	−1.94	Pensacola	6.91	Cedar Key	T
Georgia	68.8	−2.8	do	102	31	3 stations	35	[1] 5	2.88	−.50	Lumber City	5.65	Camp Stewart	.72
Idaho	53.2	+.2	3 stations	91	[1] 3	4 stations	21	[1] 1	2.65	+.97	McCall	5.63	Idaho Falls Airport	.74
Illinois	58.1	−4.7	Mount Vernon	93	31	Freeport	24	1	5.26	+1.15	Toulon	8.67	Elsah	2.18
Indiana	57.6	−4.7	New Harmony	91	31	2 stations	26	1	4.70	+.64	LaPorte	10.47	Boonville	2.49
Iowa	55.1	−5.0	2 stations	89	20	Osage	21	9	6.17	+2.07	Emerson	9.41	Estherville	4.25
Kansas	61.6	−2.3	Cimarron	105	26	Atwood	23	16	3.50	−.31	Greenleaf	12.96	Johnson	.18
Kentucky	61.6	−3.8	Russellville	93	31	Clermont	29	[1] 1	4.69	+0.75	Quicksand	6.87	Brownsville	2.87
Louisiana	71.7	−2.0	3 stations	95	[1] 29	4 stations	40	[1] 4	4.35	−.27	Gueydan	9.39	Hackberry	1.40
Maryland-Delaware	60.2	−2.7	Cumberland, Md	95	21	2 stations	21	2	4.32	+.82	Oxford	9.37	Great Falls, Md	2.53
Michigan	49.0	−5.2	4 stations	86	21	Kenton	13	15	5.28	+2.00	Paw Paw	8.34	Germfask	2.31
Minnesota	49.6	−5.6	New Ulm	85	6	Grand Rapids	17	[1] 1	2.66	−.62	Albert Lea	8.50	Gonvick	.51
Mississippi	69.3	−2.5	3 stations	96	[1] 30	Edenburg	37	6	2.96	−1.28	Forest	5.90	Enterprise	1.26
Missouri	60.5	−4.0	Sikeston	92	31	4 stations	31	[1] 5	5.50	+.71	Maryville	9.24	Palmyra	1.79
Montana	50.1	−1.9	Crow Agency	89	4	Opheim	3	8	1.94	−.17	Drummond	3.37	Poplar	.14
Nebraska	56.0	−3.3	Culbertson	98	19	Harrison	17	3	3.74	+.35	Auburn	9.23	Haigler	.91
Nevada	56.1	+.3	Overton	103	[1] 2	Ruby Lake	15	21	1.14	+.29	Lamoille	4.93	5 stations	.00
New England	52.2	−3.0	2 stations	87	22	2 stations	24	[1] 10	6.01	+2.64	Pinkham Notch, N. H.	9.86	Slocum, R. I.	3.30
New Jersey	58.4	−2.0	3 stations	90	22	Long Valley	29	12	4.78	+1.16	Charlotteburg	8.74	[1] Barnegat City	1.66
New Mexico	61.0	+1.3	do	103	27	Birmingham Ranch	11	19	.27	−.95	Tucumcari Airport	2.27	[1] 53 stations	.00
New York	52.6	−3.5	Little Falls No. 1	96	22	Allegany State Park	21	2	5.38	+1.90	Rifton	9.37	Fredonia	1.76
North Carolina	64.2	−2.8	2 stations	96	[1] 29	Mount Mitchell	22	[1] 1	3.51	−.48	Parker	7.84	2 stations	1.04
North Dakota	47.4	−5.8	Milnor	84	23	Center	10	10	1.54	−.77	Halliday	4.40	Tuttle	.50
Ohio	56.1	−4.5	Philo No. 2	90	21	Millport	25	2	4.72	+1.00	Montpelier	6.96	Fernbank	2.88
Oklahoma	67.0	−1.3	Hollis	106	25	Hooker	27	4	2.37	−2.33	Poteau	9.64	Waynoka	.17
Oregon	53.4	+.2	Vernonia	95	5	3 stations	22	[1] 6	3.75	+1.98	Valsetz	11.18	Hermiston	1.64
Pennsylvania	55.6	−4.1	2 stations	91	[1] 15	Kane	16	2	5.12	+1.20	Millersburg	8.49	Holtwood	2.65
South Carolina	68.0	−2.9	5 stations	100	31	Caesars Head	34	4	3.10	−.37	Coward	6.95	Cherokee (near)	1.05
South Dakota	52.0	−4.4	6 stations	88	[1] 24	Ralph	11	8	2.75	−.11	Flandeau	7.20	Pollock	.53
Tennessee	63.6	−3.3	5 stations	93	31	Rugby	29	1	5.58	+1.48	Monterey	9.69	Memphis	2.36
Texas	72.8	−.2	Presidio	110	27	Dalhart	31	16	1.64	−2.06	Broxison	7.78	6 stations	.00
Utah	56.2	+.7	Hanksville	95	14	Soldier Summit	9	18	1.13	−.06	Tony Grove R. S.	5.25	Bluff	.00
Virginia	61.3	−3.0	Clarksville	92	15	3 stations	26	[1] 2	4.30	+.61	Burkes Garden	7.62	Cheriton	1.89
Washington	56.4	+1.3	Trinidad	95	30	Republic	24	6	2.76	+.90	Prindle	9.96	Port Townsend	.37
West Virginia	57.9	−3.9	2 stations	95	21	Canaan Valley	19	2	5.01	+1.02	Kumbrabow State Forest.	8.28	Wardensville	2.58
Wisconsin	51.0	−4.3	Menomonie	83	6	2 station	17	[1] 1	4.40	+.73	La Crosse Airport	8.01	Iron River	1.25
Wyoming	49.6	.0	Lovell	87	4	Northeast Entrance	9	3	1.83	−.22	Grassy Lake Dam	4.92	Elk Mountain	.21
Alaska (April)	25.9	−1.5	Wasilla	62	21	Allakaket	−33	3	1.06	−.41	Little Port Walter	10.72	3 stations	T
April 1945														
North Carolina	62.9	+4.9	4 stations	92	14	2 stations	16	5	3.60	−.30	Highlands	9.71	Wadeston	.50
Texas	64.4	−1.7	2 stations	102	15	do	11	4	3.47	+.56	Port Arthur	12.59	3 stations	.00

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS

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.	Mbs.	Mbs.	Mbs.	°F.	°F.	°F		°F.	°F.		°F.	°F		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
NEW ENGLAND							52.4	−1.5										77	5.53	+2.4											6.9			
Eastport	75	67	85	1,009.1	1,012.2	−2.4	46.4	−1.3	67	27	53	31	2	40	25	582	39	80	8.18	+5.2	2.25	16	10.4	s.	46	e.	11	5	10	16	6.8	T	.0	0
Greenville, Maine	1,070	6	41	972.9	1,012.2	----	46.3	−3.2	73	26	57	28	3	36	42	580	39	---	6.09	+2.9	1.50	18	----	s.	---	------	--	3	10	18	----	----	----	1
Portland, Maine [1]	103	5	43	1,008.1	1,012.2	−2.7	49.5	−3.8	77	29	58	30	12	41	28	480	42	80	6.77	+3.4	1.89	17	10.0	s.	37	ne.	4	3	11	17	7.3	7.0	.0	1
Concord [1]	289	5	45	1,001.4	1,012.5	−2.7	52.0	−.9	84	15	62	29	12	42	39	405	43	76	5.89	+2.9	1.80	22	8.6	nw.	37	nw.	11	2	9	20	8.0	5.0	.0	5
Burlington [1]	403	5	51	996.3	1,011.5	−3.4	52.2	−4.3	86	22	61	29	12	43	37	405	44	77	5.90	+3.0	1.06	20	9.0	nw.	31	s.	28	1	6	24	8.3	T	.0	5
Boston [1]	124	33	62	1,007.1	1,012.2	−3.0	55.2	−1.9	79	15	63	35	11	47	27	313	44	72	4.47	+1.3	1.15	16	12.4	nw.	40	nw.	11	4	13	14	7.2	T	.0	5
Nantucket	12	11	59	1,011.9	1,012.5	−3.1	53.9	+1.6	69	29	61	37	3	47	21	345	48	83	3.44	+.6	1.12	12	12.7	sw.	34	ne.	19	12	8	11	5.6	.0	.0	1
Block Island	26	11	46	1,010.8	1,012.2	−3.4	53.2	+.4	71	26	59	40	11	47	20	369	47	84	4.39	+.9	.97	13	15.4	sw.	48	nw.	11	12	5	14	5.6	.0	.0	0
Providence [2]	159	46	60	1,006.4	1,012.9	−2.3	57.2	−1.3	79	26	66	38	11	48	32	250	44	73	4.25	+1.3	1.20	14	9.1	s.	34	nw.	11	5	11	15	7.0	.0	.0	4
Hartford [1]	159	5	44	------	1,012.5	−2.7	55.6	−1.9	79	26	66	37	10	46	---	292	50	72	6.01	+2.4	1.28	17	8.9	s.	34	nw.	11	5	10	16	----	.0	.0	3
New Haven [1]	107	5	39	1,008.5	1,012.9	−2.7	55.0	−.4	77	29	64	38	11	46	32	313	46	75	5.41	+2.0	1.37	13	7.7	e.	28	nw.	11	10	5	16	6.3	.0	.0	4
MIDDLE ATLANTIC							60.4	−1.7										69	4.18	+0.8											5.9			
Albany [1]	97	26	40	1,007.8	1,011.9	−3.3	53.4	−4.3	85	22	63	32	20	44	38	360	44	72	4.82	+2.2	1.20	18	10.2	s.	35	w.	30	3	9	19	7.3	5.4	.0	8
Binghamton [2]	871	60	79	980.4	1,012.5	−2.7	54.5	−2.9	86	22	64	33	10	45	38	340	44	75	4.34	+1.0	1.30	16	6.8	w.	34	w.	30	1	10	20	7.8	.8	.0	4
New York	314	415	454	1,000.3	1,011.9	−3.7	58.9	−1.7	82	22	67	42	11	51	26	204	46	68	5.70	+2.5	1.80	13	15.6	s.	56	w.	22	9	11	11	5.7	.0	.0	8
Harrisburg [1]	374	30	49	998.6	1,012.5	−2.7	59.7	−2.1	87	15	70	37	2	49	34	202	46	68	5.26	+1.8	1.53	14	9.3	w.	30	n.	19	6	12	13	6.4	.0	.0	8
Philadelphia [1]	114	5	57	1,008.5	1,012.9	−2.7	60.2	−1.9	86	22	70	39	2	50	31	192	48	70	3.85	+.6	.95	12	9.8	sw.	32	w.	22	6	13	12	6.1	.0	.0	4
Reading	323	47	306	1,000.3	1,012.5	----	59.9	−2.0	86	15	70	38	2	50	31	197	----	---	4.79	+1.1	1.20	15	13.1	nw.	50	w.	22	10	9	12	5.9	.0	.0	7
Scranton	805	72	104	983.1	1,012.5	−2.7	56.4	−3.0	87	22	66	36	10	47	36	290	----	---	5.78	+2.5	.95	15	7.0	sw.	26	nw.	31	6	15	10	6.1	T	.0	5
Atlantic City	52	37	172	1,010.8	1,013.2	−2.0	58.6	+.5	80	29	64	41	1	53	21	209	49	74	3.09	.0	1.08	12	16.9	s.	42	w.	11	9	9	13	5.9	.0	.0	5
Trenton	190	89	107	1,005.4	1,012.5	----	60.2	−.9	86	22	70	40	1	51	30	182	48	69	4.14	+1.1	1.44	15	10.0	s.	29	nw.	10	8	9	14	6.1	.0	.0	7
Baltimore [2]	123	100	215	1,008.1	1,012.9	−2.7	63.2	−1.2	88	22	72	43	11	55	31	128	48	66	3.50	.0	1.20	11	11.3	s.	41	sw.	22	14	9	8	4.8	.0	.0	3
Washington [2]	112	56	100	1,008.8	1,013.2	−2.7	62.8	−.9	89	16	73	35	2	53	35	149	48	62	3.44	−.3	.80	12	7.8	s.	26	nw.	10	8	14	9	5.5	.0	.0	5
Cape Henry	18	8	54	1,012.5	1,013.5	----	64.9	+.7	89	16	73	46	6	57	32	88	54	72	2.84	−.7	1.09	12	12.3	s.	46	nw.	11	11	12	8	5.0	.0	.0	6
Lynchburg [1]	686	4	50	988.8	1,013.5	−2.4	62.1	−3.8	87	15	74	36	5	51	36	162	48	64	3.16	−.5	1.28	11	9.0	s.	36	sw.	16	11	10	10	5.5	.0	.0	6
Norfolk [2]	91	80	125	1,010.5	1,014.2	−1.7	66.4	+.2	88	16	75	47	6	58	31	73	54	71	2.64	−1.2	.99	11	10.5	s.	27	w.	22	8	13	10	5.5	.0	.0	4
Richmond	144	11	52	1,007.5	1,012.9	−2.7	64.2	−2.3	87	15	75	36	2	53	34	113	52	69	5.35	+1.6	1.85	11	8.2	sw.	27	nw.	10	12	10	9	5.2	.0	.0	4
SOUTH ATLANTIC							68.0	−1.7										70	2.61	−0.9											4.8			
Asheville	2,253	77	92	936.0	1,014.6	−1.0	60.5	−2.1	87	29	72	37	4	49	39	188	47	68	2.87	−.6	.95	10	8.8	nw.	26	s.	16	7	12	12	6.0	.0	.0	5
Charlotte [2]	779	63	86	986.5	1,014.6	−1.0	66.6	−2.3	93	29	77	41	5	56	29	90	52	66	1.40	−2.2	.51	8	7.3	sw.	22	sw.	16	8	14	9	5.4	.0	.0	6
Greensboro [1]	886	6	56	982.7	1,014.9	----	63.4	−3.0	89	29	75	36	5	52	37	134	52	72	5.11	+1.1	1.74	14	8.3	sw.	30	w.	5	7	14	10	6.0	.0	.0	7
Hatteras	11	5	50	1,014.2	1,014.6	−1.7	67.4	−1.3	81	17	73	48	12	62	23	48	58	74	1.79	−1.9	.89	11	13.8	sw.	38	w.	18	13	10	8	4.8	.0	.0	6
Raleigh [1]	376	5	69	1,000.7	1,014.6	−1.0	65.8	−2.7	92	29	76	40	5	55	30	98	54	72	3.47	−.3	1.21	12	7.6	sw.	24	sw.	10	12	12	7	4.7	.0	.0	3
Wilmington	72	73	107	1,012.5	1,014.9	−1.4	68.6	−2.2	89	29	77	47	5	60	25	40	58	74	1.84	−1.6	.61	13	10.0	sw.	31	sw.	3	14	11	6	4.5	.0	.0	7
Charleston [2]	48	11	92	1,013.2	1,015.2	−1.1	71.4	−1.3	90	31	78	52	4	64	22	11	59	76	2.32	−.7	1.34	7	10.5	s.	24	e.	11	17	4	10	4.2	.0	.0	4
Columbia, S. C. [2]	347	70	91	1,002.4	1,014.9	−1.0	69.1	−2.8	94	31	80	43	5	59	29	59	56	66	2.61	−.5	.97	8	8.5	s.	29	w.	17	15	8	8	4.5	.0	.0	2
Greenville, S. C. [1]	1,040	18	36	977.3	1,014.6	----	66.3	−.9	92	31	77	41	4	56	30	90	52	66	2.66	−1.4	1.35	8	8.9	sw.	27	se.	16	11	12	8	5.2	.0	.0	3
Augusta [2]	182	62	77	1,008.1	1,014.9	−.7	70.4	−2.0	96	31	82	47	5	59	29	36	53	62	1.97	−1.1	.75	6	6.4	nw.	20	nw.	22	13	9	9	4.9	.0	.0	4
Savannah [2]	65	73	152	1,012.9	1,015.6	−.3	72.2	+.5	101	31	84	48	5	61	32	15	60	74	2.06	−1.0	1.49	7	11.4	w.	37	nw.	3	18	8	5	3.8	.0	.0	2
Jacksonville [2]	43	86	110	1,014.6	1,016.3	+.4	74.8	−.2	98	31	85	52	5	65	26	4	60	68	3.26	−.8	2.58	5	8.7	sw.	26	sw.	3	16	11	4	3.9	.0	.0	7
FLORIDA PENINSULA							77.5	0.0										72	0.43	−4.1											3.3			
Key West [2]	21	10	64	1,014.9	1,015.9	+1.0	79.8	+.7	87	25	85	67	7	75	15	0	68	73	.04	−3.5	.02	3	9.5	e.	25	se.	16	23	6	2	2.6	.0	.0	2
Miami [2]	25	242	249	1,014.9	1,015.9	+.3	75.8	−1.4	87	19	81	58	6	71	23	0	64	72	.82	−6.3	.53	5	13.0	s.	28	s.	3	21	9	1	3.2	.0	.0	5
Tampa [1]	35	6	43	1,014.9	1,016.3	+.7	77.0	+.7	96	31	87	57	6	67	27	0	63	70	.42	−2.6	.21	3	9.1	w.	29	sw.	16	12	15	4	4.2	.0	.0	3
EAST GULF							70.4	−2.1										73	3.27	−0.6											4.8			
Atlanta [1]	1,173	33	72	973.6	1,014.9	−.7	66.6	−3.7	94	31	78	43	4	56	28	88	53	67	3.92	+.5	1.40	11	10.9	nw.	35	nw.	5	11	10	10	5.3	.0	.0	4
Macon [2]	370	79	87	1,001.7	1,014.9	−.7	69.6	−2.7	97	31	81	45	4	58	34	41	55	66	1.84	−1.1	1.17	9	7.0	nw.	21	sw.	8	12	11	8	4.7	.0	.0	3
Thomasville	273	49	58	1,005.8	1,015.9	+.3	72.4	−1.6	98	31	84	48	4	60	34	15	----	---	2.58	−1.0	1.07	9	----	------	---	------	--	11	9	11	----	.0	.0	8
Apalachicola	35	11	51	1,014.6	1,015.9	----	73.0	−1.6	91	29	81	52	4	65	24	7	64	76	.99	−2.4	.45	5	7.8	sw.	20	nw.	13	16	7	8	4.1	.0	.0	6
Pensacola	56	54	79	------	1,016.3	+.7	72.8	−1.1	94	30	81	51	18	64	---	8	62	72	6.91	+3.5	4.03	4	7.9	w.	33	nw.	16	16	9	6	----	.0	.0	4
Anniston	741	9	----	------	------	----	66.8	−2.3	92	31	79	40	5	55	37	72	----	---	4.72	+.8	1.93	10	----	nw.	---	------	--	15	6	10	----	.0	.0	5
Birmingham [1]	700	5	62	990.2	1,015.2	.0	66.8	−2.5	94	31	79	41	6	55	35	74	56	71	3.24	----	1.71	8	8.3	nw.	34	nw.	7	8	13	10	5.8	.0	.0	3
Mobile [2]	57	86	161	1,013.9	1,015.9	+.3	72.2	−2.2	92	30	82	50	4	63	30	11	60	74	1.33	−3.0	.60	6	7.2	s.	25	w.	16	16	7	8	4.2	.0	.0	5
Montgomery [2]	218	92	105	1,007.5	1,015.2	−.4	70.9	−2.5	97	31	81	48	4	60	28	32	60	74	4.38	+.5	2.97	10	7.3	sw.	24	se.	16	12	9	10	4.9	.0	.0	5
Meridian [2]	375	67	92	1,001.7	1,015.6	+.4	68.9	−2.4	95	31	80	43	6	57	34	54	57	74	3.16	−1.2	1.42	8	6.4	sw.	24	se.	16	13	11	7	4.8	.0	.0	8
Vicksburg [2]	247	82	102	1,005.8	1,014.9	.0	70.2	−2.7	89	30	80	49	4	61	27	31	59	80	3.41	−.9	2.12	8	9.1	s.	32	se.	16	12	6	13	5.2	.0	.0	6
New Orleans [4]	53	50	84	1,013.5	1,015.2	+.3	74.4	.0	93	30	83	55	5	66	23	0	64	72	2.76	−1.8	2.12	5	6.5	sw.	23	se.	16	13	11	7	4.4	.0	.0	4
WEST GULF							73.0	−0.7										73	2.95	−1.2											5.4			
Shreveport [1]	249	5	64	1,005.1	1,013.9	−.3	71.4	−1.2	92	7	82	46	4	61	31	30	60	71	3.45	−.8	3.01	6	11.0	s.	37	w.	15	10	14	7	5.0	.0	.0	3
Fort Smith	463	57	82	996.3	1,012.5	−1.0	67.8	−1.8	91	30	78	45	5	58	30	81	56	71	5.72	+.9	2.68	10	9.3	e.	33	nw.	14	7	15	9	5.8	.0	.0	9
Little Rock [1]	357	26	58	1,001.0	1,013.5	−.7	67.1	−3.2	91	30	77	43	5	57	31	76	56	72	6.99	+2.2	3.56	10	9.1	s.	32	sw.	25	8	9	14	6.1	.0	.0	8
Austin [1]	605	10	41	991.5	1,012.2	----	74.3	−.3	96	7	86	48	5	63	34	14	60	68	1.76	−2.9	.82	7	11.5	s.	32	sw.	12	7	20	4	5.2	.0	.0	6
Brownsville [1]	57	5	54	1,009.8	1,011.5	----	78.9	+.3	97	12	87	58	5	71	25	0	69	78	2.26	−.3	2.25	2	14.3	se.	40	e.	22	6	14	11	6.2	.0	.0	1
Corpus Christi [1]	20	4	33	1,011.9	1,012.5	.0	76.4	+1.9	90	12	85	56	16	68	25	0	66	79	.61	----	.36	4	14.3	se.	36	nw.	12	14	13	4	4.5	.0	.0	4
Dallas [1]	512	5	45	994.2	1,012.2	----	72.5	−.4	94	29	84	44	17	61	31	32	60	71	1.75	−2.7	.77	5	14.5	s.	32	s.	31	12	14	5	4.9	.0	.0	5
Fort Worth [1]	679	40	56	988.8	1,012.9	.0	71.8	−.4	93	14	83	45	17	61	31	32	58	66	1.81	−2.8	.82	7	14.3	s.	44	sw.	25	11	17	3	4.5	.0	.0	6
Galveston [2]	54	106	114	1,012.2	1,013.9	.0	74.7	−.1	83	14	79	56	16	71	18	2	68	82	1.01	−2.4	.72	4	13.2	s.	33	se.	22	10	14	7	5.1	.0	.0	5
Houston [2]	138	157	190	1,008.8	1,013.9	----	74.2	−1.3	90	14	83	50	4	65	26	11	64	78	6.28	+1.8	5.45	4	11.8	se.	30	se.	15	4	13	14	6.7	.0	.0	5
Palestine	510	64	72	995.9	1,013.5	.0	71.0	−1.7	93	7	81	45	17	62	28	35	60	70	2.29	−2.2	.92	5	9.1	s.	22	s.	6	5	19	7	5.4	.0	.0	4
Port Arthur [2]	34	59	134	1,013.2	1,014.2	----	73.8	−1.4	86	13	80	50	4	67	23	8	64	80	.86	−3.3	.61	6	14.2	s.	37	s.	15	12	10	9	4.8	.0	.0	3
San Antonio [1]	693	8	51	987.8	1,011.9	−.6	75.2	+.1	97	13	88	48	4	63	36	6	62	69	1.24	−2.0	.65	6	10.5	se.	35	w.	11	7	16	8	5.7	.0	.0	7
OHIO VALLEY AND TENNESSEE							60.3	−3.7										73	4.41	+0.7											6.5			
Chattanooga [1]	762	6	66	987.5	1,014.6	−1.0	65.0	−.5	93	31	77	41	1	54	33	107	55	74	6.13	+2.3	1.81	15	8.5	s.	32	s.	15	6	12	13	6.4	.0	.0	9
Knoxville [1]	995	27	53	979.0	1,014.9	−2.0	64.1	−2.6	91	31	75	42	4	53	33	137	52	72	4.75	+1.0	1.13	15	8.9	sw.	28	w.	7	7	12	12	5.8	T	.0	8
Memphis [4]	399	5	86	999.7	1,013.5	−1.1	66.6	−3.2	93	31	77	44	5	56	32	94	56	74	2.36	−1.8	1.10	9	8.6	sw.	31	w.	25	11	6	14	5.6	.0	.0	7
Nashville [1]	546	5	72	994.2	1,014.2	−1.0	64.4	−3.8	91	31	75	40	1	54	33	130	54	74	5.70	+1.8	1.66	14	8.7	s.	27	s.	7	7	10	14	6.5	.0	.0	7

See footnotes at end of table.

CLIMATOLOLOGICAL DATA FOR WEATHER BUREAU STATIONS

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.	Mbs.	Mbs.	Mbs.	°F.	°F.	°F		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
OHIO VALLEY AND TENNESSEE—Con.																																		
Lexington	989	4	28	978.0	1,013.9	−1.7	60.2	−4.1	84	21	70	35	11	50	31	198	50	75	4.76	+1.0	1.26	15	----	s.	---	----	--	2	16	13	6.6	.0	.0	6
Louisville [3]	525	106	120	994.2	1,013.2	−2.0	62.2	−4.4	86	27	71	39	1	53	28	171	50	72	4.46	+.7	1.08	11	9.0	w.	34	s.	15	4	15	12	6.5	.0	.0	6
Evansville [1]	431	11	40	997.6	1,013.2	−1.7	60.8	−3.5	88	31	71	36	11	51	31	190	52	74	2.80	−1.1	.89	13	8.1	s.	32	nw.	14	3	6	22	7.6	.0	.0	7
Indianapolis [1]	823	5	54	982.7	1,012.5	−2.4	56.4	−5.0	83	27	67	30	1	46	32	287	48	74	4.15	----	1.74	14	10.7	se.	57	w.	14	4	7	20	7.4	.0	.0	4
Terre Haute [3]	575	68	149	992.2	1,013.2	----	59.6	−4.6	84	21	69	37	11	50	28	212	50	74	5.50	+1.6	2.42	13	9.8	s.	31	sw.	22	2	12	17	7.3	.0	.0	6
Cincinnati [3]	627	11	51	990.5	1,013.2	−2.4	60.0	−3.1	85	21	70	33	11	49	30	196	50	74	3.14	−.6	1.04	14	7.0	sw.	31	w.	14	6	10	15	6.5	.0	.0	6
Columbus [3]	822	90	110	983.4	1,013.2	−2.0	58.0	−4.3	84	21	68	33	1	48	30	241	47	72	3.86	+.3	2.09	13	10.1	s.	39	sw.	8	8	10	13	6.2	.0	.0	5
Dayton [1]	1,003	6	55	976.6	1,013.2	----	56.4	−5.4	83	21	66	29	1	46	30	282	46	70	3.87	+.3	1.77	13	11.8	nw.	47	sw.	14	5	7	19	7.0	.0	.0	6
Elkins [1]	1,947	4	45	944.8	1,013.5	−2.4	55.0	−2.7	87	21	68	26	2	42	45	319	46	76	4.12	+.1	.85	16	8.1	nw.	38	sw.	17	3	13	15	6.6	T	.0	2
Parkersburg	637	77	84	989.8	1,013.2	−2.4	59.6	−4.2	86	16	70	36	11	49	36	211	47	68	5.21	+1.8	1.99	16	6.9	se.	25	w.	16	8	13	10	5.8	.0	.0	5
Pittsburgh [1]	842	39	54	982.1	1,012.9	−2.7	56.4	−3.8	85	21	67	32	2	46	36	284	43	66	5.06	+1.8	2.36	15	10.7	nw.	37	nw.	16	3	18	10	6.3	.0	.0	4
LOWER LAKES							52.2	−4.6										74	4.11	+0.9											7.1			
Buffalo [1]	768	34	96	984.1	1,012.2	−2.7	50.7	−5.2	80	26	59	32	2	42	36	447	42	76	2.84	−.3	.81	17	14.4	sw.	55	sw.	22	3	12	16	7.3	2.0	.0	2
Canton	448	10	61	994.9	1,011.2	----	50.6	−3.6	82	22	59	29	10	42	33	449	42	74	5.70	+2.7	1.39	21	9.3	w.	32	w.	22	3	8	20	7.8	T	.0	6
Oswego	335	71	85	999.7	1,012.2	−2.7	49.7	−4.0	83	22	56	33	10	43	31	475	42	76	4.50	+1.5	.95	21	9.1	w.	28	n.	10	6	7	18	6.9	T	.0	6
Rochester [1]	523	5	69	993.2	1,012.5	−2.4	51.2	−4.9	82	21	60	33	10	42	35	434	42	75	4.45	+1.5	1.28	19	11.0	w.	54	w.	22	2	10	19	7.5	2.0	.0	6
Syracuse [1]	596	5	57	990.2	1,012.5	−2.7	52.6	−3.7	85	22	62	33	10	44	36	391	44	74	3.47	+.5	.57	21	10.4	sw.	36	s.	28	1	8	22	7.9	1.0	.0	5
Erie [3]	714	57	81	986.8	1,013.2	−2.0	52.8	−4.0	87	21	60	33	2	46	32	399	44	77	2.88	−.5	.92	13	8.2	w.	27	sw.	22	4	12	15	6.9	.0	.0	4
Cleveland [1]	762	27	54	984.8	1,012.5	−2.7	54.1	−4.0	86	27	64	32	2	44	36	349	43	72	3.61	+.5	.98	15	10.8	nw.	34	sw.	22	4	14	13	6.7	.0	.0	6
Sandusky	629	5	67	989.5	1,012.5	−2.7	54.2	−5.0	85	21	62	35	1	46	33	349	----	----	3.33	+.2	.84	17	9.0	sw.	28	sw.	22	7	9	15	6.5	.0	.0	5
Toledo [1]	628	5	47	989.5	1,012.9	−2.0	52.6	−5.4	84	21	63	28	1	42	35	394	44	74	3.57	+.1	.78	12	12.2	w.	40	sw.	22	11	9	11	5.5	.0	.0	7
Fort Wayne [1]	857	5	33	981.4	1,012.5	----	52.6	−6.6	82	21	62	28	1	43	36	390	44	74	4.79	+.9	1.54	18	9.3	w.	32	sw.	22	6	7	18	7.1	.3	.0	5
Detroit [1]	730	5	78	986.1	1,013.2	−1.7	52.6	−4.3	83	21	62	32	1	44	31	397	41	68	6.11	+2.9	1.33	14	10.9	nw.	38	nw.	29	3	11	17	7.4	T	.0	5
UPPER LAKES							48.6	−3.9										70	4.72	+1.5											7.0			
Alpena	609	5	89	990.2	1,012.5	−2.4	46.9	−3.6	77	21	55	30	11	39	33	564	37	72	4.08	+1.0	1.56	21	10.8	nw.	36	nw.	22	3	10	18	7.3	1.0	.0	6
Escanaba	612	51	72	990.9	1,013.5	−1.4	46.2	−3.4	67	28	54	27	1	38	27	584	36	72	3.35	+.4	1.23	13	12.9	n.	42	nw.	22	9	9	13	6.2	.2	.0	2
Grand Rapids [3]	707	70	244	986.8	1,013.2	−1.7	53.2	−4.8	84	21	62	33	1	44	30	382	41	72	5.41	+2.0	1.23	19	12.0	sw.	49	sw.	22	5	9	17	6.9	T	.0	5
Lansing [3]	878	5	90	980.7	1,013.2	----	50.7	−6.2	81	21	60	30	11	41	33	455	40	70	7.42	+4.0	2.24	19	9.3	w.	27	nw.	29	4	9	18	7.3	.2	.0	5
Marquette	734	44	73	986.5	1,014.2	−.7	44.1	−4.9	70	24	51	29	8	38	31	649	34	71	3.12	+.2	1.23	13	9.0	nw.	32	nw.	22	4	11	16	7.0	T	.0	2
Sault Sainte Marie [1]	614	11	52	990.2	1,012.9	−1.3	44.8	−3.4	71	24	54	26	11	36	38	626	36	74	5.27	+2.6	2.46	15	11.7	nw.	34	nw.	30	4	11	16	6.9	1.0	.0	5
Chicago [1]	673	5	36	987.8	1,012.5	−2.1	54.1	−3.7	85	21	64	31	1	44	34	352	43	72	7.59	+4.1	1.96	19	11.4	ne.	31	s.	21	3	10	18	7.4	T	.0	7
Green Bay	617	90	123	990.2	1,012.9	−1.3	50.6	−4.3	74	6	60	27	9	42	33	448	38	65	4.38	+.9	1.27	13	12.0	ne.	36	w.	8	2	11	18	7.4	T	.0	6
Milwaukee [1]	681	33	66	987.8	1,012.9	−1.7	50.1	−2.5	76	21	59	31	9	42	37	461	40	72	5.27	+1.9	1.47	17	14.4	n.	47	s.	21	2	11	18	7.2	T	.0	6
Duluth [2]	1,133	5	47	972.9	1,014.9	+.3	45.4	−1.9	73	6	54	25	9	36	30	606	31	64	1.36	−1.9	.45	9	12.8	ne.	35	w.	8	7	11	13	6.3	T	.0	2
NORTH DAKOTA							48.2	−5.5										64	1.74	−0.6											6.4			
Fargo [1]	940	5	43	980.0	1,014.9	+1.0	48.4	−6.7	78	23	61	22	9	36	42	513	36	69	2.22	−.7	.99	10	13.3	n.	42	nw.	6	5	14	12	6.2	.4	.0	3
Bismarck [1]	1,677	5	43	954.3	1,014.9	+1.7	49.6	−3.4	81	30	62	22	10	37	39	480	37	64	.97	−1.4	.32	8	12.9	e.	49	nw.	6	6	13	12	6.3	.0	.0	6
Devils Lake	1,478	11	44	961.7	1,015.9	+2.0	46.0	−6.6	77	23	57	20	9	35	34	592	34	70	2.79	+.8	1.03	11	9.7	n.	36	nw.	6	5	10	16	6.8	T	.0	2
Grand Forks [1]	832	4	41	984.1	1,015.2	----	46.0	----	79	23	59	20	9	33	42	590	34	---	.96	----	.41	9	----	n.	---	----	--	5	10	16	----	1.0	.0	0
Williston	1,878	42	50	947.2	1,014.9	+1.4	48.6	−5.4	82	30	61	15	8	36	40	507	31	54	.99	−1.1	.79	5	8.4	se.	31	nw.	6	7	7	17	6.5	T	.0	3
UPPER MISSISSIPPI							56.1	−5.2										70	5.38	+1.3											7.0			
Minneapolis - St. Paul [1]	919	43	74	980.0	1,013.5	−.4	52.1	−5.6	81	6	62	28	9	42	33	403	39	66	3.09	−.6	.68	8	12.6	ne.	37	w.	7	6	11	14	6.3	T	.0	5
Springfield, Minn.	1,025	4	42	976.6	1,013.9	----	52.6	----	83	6	64	27	9	42	41	390	38	65	3.76	----	1.10	12	----	nw.	---	----	--	6	11	14	----	T	.0	3
La Crosse [1]	714	5	29	987.1	1,013.2	−.7	52.0	−5.9	79	6	62	26	9	42	34	410	41	69	8.01	+4.3	3.28	12	10.3	nw.	34	w.	8	5	10	16	6.9	T	.0	7
Madison [3]	974	70	78	977.7	1,013.2	−1.4	52.8	−4.8	79	26	61	32	9	44	28	380	41	68	4.52	+.7	1.27	16	9.4	nw.	35	ne.	3	4	9	18	7.2	2.7	.0	6
Charles City	1,015	10	51	977.0	1,013.9	.0	52.8	−5.0	80	20	63	28	9	43	33	381	----	---	5.03	+.7	1.59	14	6.8	nw.	21	se.	31	7	12	12	5.9	T	.0	7
Moline [1]	606	6	50	990.9	1,013.5	−.7	55.6	−4.7	82	20	66	30	9	46	35	312	45	70	5.07	+1.1	1.61	20	11.5	nw.	43	sw.	21	3	8	20	7.5	T	.0	11
Des Moines [3]	860	5	99	982.4	1,013.5	.0	56.5	−4.8	86	20	66	34	9	47	29	291	44	70	6.74	+2.2	1.70	18	10.6	n.	36	sw.	21	5	10	16	6.9	T	.0	10
Dubuque	699	60	79	987.5	1,013.2	−1.0	54.6	−5.7	80	26	64	31	9	45	34	331	45	73	6.34	+2.1	2.02	19	6.8	nw.	22	nw.	22	5	8	18	7.2	T	.0	9
Burlington [1]	702	4	36	987.5	1,012.9	−1.0	56.6	−6.0	87	20	67	32	9	46	36	288	46	72	5.46	+1.3	1.86	17	11.8	nw.	46	sw.	21	2	13	16	7.4	.0	.0	8
Cairo	357	5	99	1,000.7	1,013.5	−1.1	64.0	−5.4	90	31	73	45	11	55	32	125	----	---	6.94	+3.2	2.73	15	8.1	sw.	40	nw.	29	4	10	17	6.9	.0	.0	9
Peoria [1]	609	6	26	990.9	1,013.2	−1.4	55.6	−5.1	82	26	65	32	9	46	30	312	47	75	4.90	+.8	1.51	16	11.3	s.	40	sw.	21	2	12	17	7.3	.0	.0	6
Springfield, Ill. [3]	636	5	191	989.8	1,013.2	−0.7	59.4	−3.8	86	26	69	38	10	50	27	220	48	76	4.20	−.2	1.42	14	12.2	s.	38	nw.	2	3	9	19	7.5	T	.0	10
St. Louis [3]	568	35	303	992.9	1,013.2	−1.0	61.0	−6.0	88	31	70	41	3	52	29	191	50	70	4.31	.0	2.79	15	12.4	s.	40	sw.	21	4	10	17	7.0	.0	.0	3
MISSOURI VALLEY							57.6	−4.2										71	5.23	+1.2											6.5			
Columbia, Mo. [3]	784	6	66	984.4	1,012.5	−1.4	59.6	−5.4	89	20	69	39	18	50	36	218	48	72	5.80	+1.3	2.04	14	7.6	s.	31	nw.	27	2	15	14	6.8	.0	.0	9
Kansas City [1]	963	39	76	978.0	1,012.9	−.3	60.8	−4.0	88	20	70	40	10	52	30	211	48	68	5.55	+1.6	1.84	13	11.6	ne.	45	sw.	21	4	11	16	6.9	.0	.0	10
St. Joseph [2]	967	11	49	977.7	1,012.5	----	59.6	−4.6	88	20	69	39	5	50	31	227	49	73	5.25	+.6	1.69	14	9.4	s.	34	w.	21	13	13	5	4.5	.0	.0	10
Springfield, Mo. [1]	1,324	5	67	965.8	1,012.5	−1.0	59.6	−4.1	86	14	70	37	5	50	35	234	51	75	4.15	−1.0	1.15	14	11.3	se.	42	sw.	21	5	12	14	6.4	.0	.0	12
Topeka	987	65	87	977.3	1,012.9	----	61.0	−3.3	90	20	71	39	17	51	34	208	50	72	6.68	+2.2	2.53	17	10.1	s.	36	nw.	2	6	6	19	7.0	.0	.0	11
Lincoln [2]	1,189	11	81	970.2	1,012.5	−.4	57.8	−3.9	87	25	68	36	10	48	32	266	47	74	5.62	+1.5	1.68	15	10.6	n.	42	nw.	2	5	5	21	7.4	T	.0	11
Omaha [1]	1,105	5	68	973.6	1,013.2	.0	57.6	−4.8	86	20	67	34	9	48	36	266	46	70	5.83	+2.1	2.14	14	12.9	n.	44	nw.	2	4	8	19	7.1	2.0	.0	13
Valentine	2,598	46	54	922.5	1,013.9	−1.4	53.4	−2.8	84	24	66	24	4	41	41	367	38	64	2.38	−.4	1.09	14	9.8	n.	34	w.	24	3	13	15	6.9	T	.0	6
Sioux City [1]	1,138	5	40	972.2	1,013.2	.0	54.5	−5.2	86	25	66	28	8	43	39	344	46	74	6.23	+2.2	1.78	12	11.6	n.	39	n.	21	6	10	15	6.6	4.0	.0	7
Huron [1]	1,301	5	41	967.2	1,014.2	+1.0	52.4	−4.0	84	24	65	25	8	40	42	397	39	66	4.85	+1.9	3.49	14	13.1	n.	45	nw.	7	10	9	12	5.7	1.5	.0	10
NORTHERN SLOPE							52.3	−0.8										63	1.74	−0.5											6.8			
Billings [1]	3,570	16	40	889.6	1,012.9	----	51.8	−4.3	84	4	62	30	14	41	42	408	40	69	1.86	----	.98	10	10.6	ne.	35	nw.	6	5	12	14	6.7	T	.0	5
Havre	2,507	11	67	925.5	1,014.6	+2.1	52.0	−1.4	85	30	65	24	8	39	42	405	34	56	.72	−1.3	.41	9	8.0	e.	45	nw.	6	5	7	19	6.6	T	.0	4
Helena [1]	4,124	5	43	872.0	1,013.9	+.4	51.2	−.4	77	3	63	30	9	40	43	431	36	64	1.94	.0	.72	16	8.2	nw.	41	n.	6	4	11	16	6.8	.0	.0	8
Missoula [1]	3,263	4	32	900.1	1,013.5	----	53.2	+1.0	81	30	66	31	18	41	41	366	38	66	1.42	−.3	.55	14	7.2	n.	28	sw.	13	4	9	18	7.0	.0	.0	4
Kalispell	2,973	48	56	909.6	1,011.9	.0	52.1	+.7	79	30	64	34	22	41	36	401	36	60	1.20	−.3	.40	11	6.0	w.	22	n.	6	6	9	16	6.4	.0	.0	3
Miles City [1]	2,371	5	78	929.9	1,014.2	+1.3	51.9	----	83	30	64	18	8	40	40	409	37	64	2.95	----	.84	10	----	----	---	----	--	4	7	20	7.5	1.2	.0	6
Rapid City [1]	3,259	5	63	900.4	1,013.9	+1.4	51.2	−2.8	78	23	64	25	3	39	45	425	37	66	2.52	−.4	.62	12	15.1	nw.	54	nw.	6	6	9	16	6.5	.6	.0	11
Cheyenne [1]	6,094	5	40	810.7	1,010.8	.0	50.4	+.1	78	24	64	23	3	37	40	452	35	64	1.31	−1.1	.51	11	11.0	nw.	34	w.	31	1	19	11	7.1	T	.0	6
Lander	5,352	60	68	832.4	1,010.8	−1.1	53.0	+1.8	79	25	66	30	8	40	40	368	32	54	1.82	−.4	.66	10	5.9	sw.	27	sw.	10	6	13	12	6.1	1.5	.0	6
Sheridan [1]	3,790	5	38	882.5	1,013.2	----	52.2	+.2	82	4	64	29	3	40	46	399	36	62	2.29	−.4	.91	15	9.1	nw.	43	w.	6	4	9	18	7.1	T	.0	5
North Platte [2]	2,821	11	51	914.0	1,012.2	+.4	56.2	−2.5	88	19	69	30	4	44	40	290	40	66	2.43	−.4	1.21	14	9.2	n.	32	n.	27	3	11	17	7.1	T	.0	14

See footnotes at end of table.

CLIMATOLOLOGICAL DATA FOR WEATHER BUREAU STATIONS

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.	Mbs.	Mbs.	Mbs.	°F.	°F.	°F		°F.	°F.		°F.	°F		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
MIDDLE SLOPE							61.9	−1.2										65	2.44	−1.2											5.6			
Denver [2]	5,292	106	113	835.1	1,009.8	−.7	57.2	+1.0	84	26	69	33	15	46	36	254	37	58	2.06	−.2	.90	11	7.2	s.	28	ne.	13	8	17	6	5.0	T	.0	6
Pueblo [1]	4,690	5	36	853.7	1,009.8	−.4	60.0	+1.1	93	26	75	33	3	45	47	178	36	54	.91	−.7	.41	8	9.4	se.	45	w.	31	8	13	10	5.6	T	.0	7
Concordia	1,392	50	58	963.1	1,012.5	−.4	59.4	−3.8	86	13	70	36	4	49	30	234	48	70	7.33	+3.2	3.38	16	8.8	s.	29	nw.	21	5	12	14	6.4	.0	.0	14
Dodge City [1]	2,509	5	58	923.8	1,010.5	−1.0	61.8	−1.7	99	26	76	32	3	48	39	191	47	65	1.56	−1.3	.87	7	16.3	s.	43	nw.	21	8	12	11	5.8	.0	.0	8
Wichita [1]	1,358	6	64	963.8	1,011.5	−1.0	62.2	−2.9	91	27	73	37	17	52	32	191	51	70	1.28	−3.2	.64	8	16.8	s.	40	n.	16	9	11	11	5.7	.0	.0	9
Oklahoma City [2]	1,214	10	47	968.5	1,010.8	−1.4	67.2	−.5	91	26	78	40	17	56	34	97	54	70	2.59	−2.3	2.02	7	10.8	s.	22	s.	20	11	13	7	5.2	.0	.0	6
Tulsa [1]	674	10	60	988.2	1,011.9	-----	65.8	−1.4	90	30	76	40	17	55	37	120	54	70	1.33	−3.7	.76	9	13.1	s.	40	w.	21	9	12	10	5.6	.0	.0	11
SOUTHERN SLOPE							72.2	+2.4										52	0.96	−1.7											4.5			
Abilene [1]	1,738	4	59	950.2	1,009.5	−2.0	73.0	+2.4	99	13	86	39	4	60	34	37	54	61	2.45	−1.5	1.22	6	16.8	s.	45	se.	24	12	13	6	4.5	.0	.0	8
Amarillo [1]	3,676	5	42	886.2	1,009.5	−1.0	66.0	+3.9	99	27	82	35	16	50	44	116	43	56	.42	−2.4	.28	3	16.1	sw.	50	se.	8	10	13	8	5.1	.0	.0	4
Del Rio	960	63	71	977.0	1,009.1	−1.7	78.7	+1.7	100	7	91	55	16	67	32	0	58	56	.96	−1.9	.95	2	11.4	se.	35	se.	1	14	10	7	4.5	.0	.0	6
Roswell	3,566	75	85	889.3	1,008.5	−1.3	71.1	+1.7	99	27	87	43	16	55	46	26	34	33	.02	−1.1	.02	1	10.0	s.	38	ne.	2	19	7	5	3.8	.0	.0	0
SOUTHERN PLATEAU							69.6	+1.6										28	T	−0.4											3.5			
El Paso [1]	3,778	39	85	883.5	1,007.8	−.7	73.2	+3.2	95	27	86	48	22	60	40	1	38	30	T	−.3	T	0	12.9	w.	42	w.	20	19	9	3	3.3	.0	.0	0
Albuquerque [1]	5,314	5	45	835.1	1,006.8	-----	66.2	+2.9	90	28	81	42	16	52	40	41	28	28	T	−.6	T	0	11.0	w.	42	nw.	20	13	13	5	4.5	.0	.0	0
Flagstaff	6,907	36	51	789.7	1,012.9	+4.4	51.9	+1.2	77	4	68	23	20	35	41	404	21	35	T	−.9	T	0	----	sw.	--	------	--	10	20	1	4.0	T	.0	4
Phoenix [2]	1,107	39	87	970.9	1,008.8	+.3	76.0	+1.0	98	17	91	53	21	61	39	0	32	25	.00	−.1	.00	0	7.3	e.	25	sw.	13	19	10	2	3.5	.0	.0	0
Tucson [1]	2,555	5	39	923.1	1,008.8	-----	73.6	+.4	96	17	89	49	21	58	38	1	28	20	.00	−.2	.00	0	----	sw.	--	------	--	15	10	6	3.8	.0	.0	0
Yuma	142	9	54	1,004.4	1,008.5	−.3	77.0	+.8	101	16	94	54	21	60	41	0	38	32	.00	.0	.00	.0	6.4	w.	26	w.	29	28	1	2	1.9	.0	.0	0
MIDDLE PLATEAU							56.6	+1.2										49	0.51	−0.4											6.0			
Reno [1]	4,527	20	52	860.5	1,012.9	.0	53.4	+.5	87	2	70	26	18	37	48	359	34	56	.24	−.4	.11	7	9.7	w.	42	s.	16	3	16	12	6.5	T	.0	6
Tonopah	6,090	9	20	811.4	1,009.5	-----	54.8	−.5	81	2	68	30	19	42	32	320	29	42	.40	.0	.18	6	----	nw.	---	------	--	6	20	5	----	T	.0	4
Winnemucca	4,339	5	56	864.9	1,011.5	−1.4	55.4	+1.5	85	2	69	30	19	42	42	299	35	55	1.04	+.2	.54	16	8.1	sw.	32	w.	12	3	11	17	6.8	.0	.0	7
Modena	5,473	10	46	830.3	1,008.8	−1.0	54.1	+.6	80	1	72	25	21	37	44	340	----	---	.05	−.7	.02	4	10.7	sw.	38	sw.	18	9	22	0	4.4	T	.0	3
Salt Lake City [1]	4,227	32	58	863.9	1,009.8	−1.4	58.6	+2.9	82	3	72	38	15	46	40	202	38	54	.90	−.9	.30	8	10.2	se.	38	w.	13	5	14	12	6.2	T	.0	7
Grand Junction	4,602	60	68	855.7	1,008.8	−1.4	63.6	+2.5	85	26	76	42	16	51	33	86	30	36	.45	−.4	.23	6	7.4	se.	31	s.	30	7	9	15	6.0	T	.0	5
NORTHERN PLATEAU							57.4	+1.5										62	1.98	+0.6											6.2			
Baker [2]	3,471	36	54	893.3	1,013.2	−1.4	52.4	+.7	82	3	65	32	17	40	42	391	38	68	2.09	+.5	.64	17	5.9	n.	23	sw.	22	6	12	13	6.4	.0	.0	3
Boise [1]	2,739	5	49	916.7	1,011.9	−2.0	56.6	+.5	84	3	69	36	18	44	38	265	40	60	2.21	+.8	.61	13	9.0	nw.	29	e.	16	5	12	14	6.6	T	.0	6
Pocatello [1]	4,478	5	31	860.1	1,011.9	−.3	55.0	+2.0	82	4	68	35	16	42	45	311	36	56	2.14	+.4	.72	13	10.5	sw.	34	sw.	21	5	11	15	6.8	.0	.0	8
Spokane [1]	1,929	27	42	944.1	1,012.5	−2.1	56.9	+1.4	83	30	69	38	22	44	39	250	40	62	2.20	+.8	.77	15	7.2	ne.	24	w.	3	6	12	13	6.1	.0	.0	5
Walla Walla	991	57	65	977.3	1,012.9	−1.7	61.4	+1.8	86	30	72	45	22	51	32	138	----	---	2.31	+.7	.65	14	5.1	s.	17	sw.	31	10	12	9	5.3	.0	.0	2
Yakima	1,076	58	67	973.9	1,012.5	-----	61.8	+2.8	89	30	74	39	17	50	36	144	----	---	.94	+.3	.30	9	6.8	nw.	21	sw.	9	6	14	11	6.0	.0	.0	2
NORTH PACIFIC COAST							57.0	+2.4										76	3.86	+1.5											7.1			
North Head	211	5	55	1,008.1	1,015.2	−1.7	53.0	+2.1	68	1	57	46	1	49	22	376	49	87	4.62	+1.7	1.02	13	13.6	n.	47	s.	10	2	5	24	8.2	.0	.0	0
Seattle [2]	125	90	321	1,010.2	1,014.6	−1.7	58.8	+2.2	88	2	67	48	11	50	36	203	46	70	2.71	+.8	.88	11	8.8	s.	35	sw.	13	6	11	14	6.1	.0	.0	3
Tacoma	194	172	201	1,008.1	1,014.6	−2.0	57.4	+3.3	85	2	65	46	7	50	33	244	----	--	3.86	+1.7	1.11	11	8.3	n.	27	s.	10	8	10	13	6.1	T	.0	2
Tatoosh Island	86	9	61	1,011.9	1,014.6	−1.7	52.1	+2.5	66	6	56	44	5	48	20	398	47	86	4.11	+.1	1.21	9	12.2	w.	42	e.	2	2	7	22	8.0	.0	.0	0
Medford [1]	1,329	29	58	967.2	1,013.9	-----	59.2	+1.0	91	1	72	41	11	47	43	197	45	67	4.58	+3.5	1.21	17	----	nw.	---	------	--	7	3	21	7.1	.0	.0	5
Portland, Oreg. [2]	154	68	106	1,009.5	1,014.9	−2.0	60.0	+3.1	89	2	68	47	9	52	31	180	49	74	4.46	+2.3	1.15	15	6.4	nw.	19	sw.	17	6	5	20	7.3	.0	.0	1
Roseburg	510	45	76	997.0	1,015.2	−1.7	58.6	+2.6	86	1	68	44	23	49	39	204	48	72	2.65	+.7	.62	15	3.6	n.	20	sw.	13	7	6	18	6.6	.0	.0	0
MIDDLE PACIFIC COAST							58.7	−0.9										73	1.74	+0.6											6.8			
Eureka	60	72	88	1,016.3	1,018.0	+.4	53.3	+1.3	66	12	58	45	20	49	15	364	48	84	3.43	+1.2	1.15	14	7.6	n.	23	sw.	12	0	3	28	8.8	.0	.0	0
Red Bluff [1]	353	5	26	1,001.4	1,013.9	-----	64.4	−1.9	93	1	76	45	19	53	36	77	46	58	2.34	+1.2	1.11	10	8.5	se.	31	se.	16	6	10	15	6.3	.0	.0	6
Sacramento	66	92	115	1,012.5	1,014.6	+.7	61.8	−1.5	90	3	74	45	19	50	38	110	46	65	.55	−.2	.31	6	8.3	s.	20	sw.	8	11	10	10	5.1	.0	.0	1
San Francisco [2]	155	112	132	1,011.5	1,016.9	+1.3	55.4	−1.4	65	12	60	47	2	51	12	297	50	84	.64	−.2	.43	5	11.1	w.	29	w.	20	3	13	15	6.9	.0	.0	0
SOUTH PACIFIC COAST							63.8	+0.2										64	0.03	−0.4											5.0			
Fresno [1]	327	5	34	1,002.4	1,013.9	+.7	66.8	−.4	95	1	81	47	18	53	36	24	44	50	.04	−.4	.04	1	9.3	nw.	26	nw.	16	12	11	8	4.7	.0	.0	0
Los Angeles	338	223	250	1,003.7	1,014.9	+.7	61.9	−.3	87	15	71	49	19	53	32	110	49	68	T	−.4	T	0	6.7	w.	35	w.	15	12	16	3	4.4	.0	.0	0
San Diego [1]	87	20	55	1,012.9	1,015.2	+1.0	62.6	+1.3	80	16	69	51	24	56	24	76	53	74	.04	−.3	.03	2	7.2	w.	17	w.	13	8	11	12	5.8	.0	.0	0
PANAMA CANAL																																		
Balboa Heights	118	6	92	-------	[3]1,011.2	+1.4	81.0	+.3	92	9	87	73	11	75	18	0	74	[3]84	4.22	−3.7	1.13	15	5.7	n.	23	n.	31	0	20	11	6.8	.0	.0	6
Cristobal	27	47	97	-------	[3]1,011.2	.0	81.6	−.3	90	24	87	74	28	76	15	0	74	[3]81	8.15	−4.5	2.32	20	7.8	n.	23	n.	3	0	13	18	7.6	.0	.0	5
ALASKA																																		
Anchorage [1]	132	6	44	1,011.2	1,016.3	-----	42.4	−2.6	67	27	52	1	4	32	36	704	32	66	1.27	+.8	.47	12	6.2	n.	23	sw.	29	6	5	20	6.9	8.8	.0	0
Fairbanks [1]	455	5	63	998.3	1,015.6	-----	42.2	−4.7	74	18	54	0	3	30	32	707	28	62	.72	+.1	.63	5	8.1	w.	27	w.	16	5	10	16	6.8	1.9	.0	0
Juneau [1]	80	6	30	1,013.5	1,016.6	-----	49.2	-----	75	27	60	27	8	38	37	491	38	68	1.33	-----	.68	7	6.8	n.	34	se.	1	8	8	15	6.2	.7	.0	0
Nome	22	25	56	1,016.3	1,016.9	-----	28.2	−5.9	47	27	34	−2	1	22	24	1,142	24	82	.49	−.2	.17	12	8.0	e.	24	ne.	9	8	6	17	6.6	1.2	.0	0
Barrow	29	5	27	1,021.0	1,021.7	-----	16.8	−2.8	32	18	22	−2	6	12	24	1,493	16	95	.21	+.1	.13	5	13.2	e.	35	------	26	1	2	28	9.0	2.8	8.2	0
Bethel	28	5	31	1,014.2	1,015.6	-----	36.2	−4.1	60	27	46	2	2	27	32	891	28	74	1.17	+.3	.34	10	10.2	n.	30	------	2	6	7	18	6.5	.3	.0	0
Gambell	32	5	32	1,015.9	1,016.9	-----	27.2	−2.7	40	8	31	4	1	23	18	1,172	25	92	.83	+.2	----	12	12.0	sw.	36	ese.	20	4	4	23	8.0	1.2	5.0	0
Ketchikan	75	69	90	1015.2	1,015.9	-----	52.2	+3.6	77	27	61	31	4	43	33	396	40	68	3.15	−5.4	1.83	7	7.5	se.	23	se.	1	9	11	11	5.6	T	.0	0
Kotzebue	20	5	31	1,017.3	1,018.0	-----	24.6	−5.0	56	29	33	−18	1	16	39	1,252	22	87	.59	+.3	----	8	9.8	se.	27	n.	10	6	9	16	6.8	1.0	T	0
McGrath	341	5	31	1,003.4	1,016.3	-----	37.3	-----	70	18	48	−2	2	26	36	857	28	70	1.05	−.2	.48	9	----	nw.	---	------	--	10	8	13	5.9	T	.0	0
Northway	1,718	5	32	951.6	1,015.2	-----	42.0	-----	74	27	54	4	3	30	36	709	29	62	.02	-----	.02	1	6.7	nw.	24	------	1	7	12	12	6.0	T	.0	0
Summit	2,407	5	30	929.2	1,018.0	-----	32.8	-----	57	27	43	−14	3	23	39	999	27	80	1.53	-----	.55	9	----	------	---	------		6	9	16	6.7	9.5	T	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.