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	66.7	+3.2	3 stations	92	[1] 14	Valley Head	32	6	7.69	+3.06	Clanton	15.05	Waterloo	4.27
Arizona	56.0	−2.3	2 stations	103	[1] 20	Fort Valley	0	11	.18	−.50	2 stations	1.22	32 stations	.00
Arkansas	62.6	+1.1	Hot Springs	89	3	Gravette	23	5	7.44	+2.43	Red Star	15.90	Story	2.12
California	55.4	−.6	Cow Creek	106	30	Ellery Lake	−9	13	.58	−1.13	Crescent City (near)	5.22	14 stations	.00
Colorado	39.3	−4.4	2 stations	89	9	Taylor Park	−29	5	2.22	+.40	Callin Ranch	6.36	Wagon Wheel Gap	.33
Florida	74.1	+4.2	Wauchula	99	26	Compass Lake	42	8	3.15	+.23	Madison	9.31	2 stations	.12
Georgia	66.4	+3.0	Camp Stewart	95	21	Clayton	22	7	6.71	+2.85	Cairo	12.01	Dover	2.21
Idaho	41.2	−3.9	2 stations	89	20	Island Park Dam	−11	10	1.25	−.20	Roland	5.64	2 stations	T
Illinois	53.9	+1.5	Mount Carmel	84	10	3 stations	26	[1] 19	5.35	+1.75	New Burnside	11.87	Galena	2.86
Indiana	53.8	+1.9	4 stations	85	[1] 10	Forest Reserve	20	6	4.40	+.79	New Harmony	7.70	Fort Wayne	1.93
Iowa	48.7	−.1	Onawa	83	22	Sibley	11	5	4.38	+1.64	Sac City	8.03	Inwood	1.59
Kansas	52.0	−2.7	3 stations	92	9	Burr Oak	6	5	5.58	+2.89	Neosho Rapids	11.79	Richfield	.88
Kentucky	58.6	+2.6	Pikesville	89	12	Clermont	22	6	4.36	+.33	Lovelaceville	9.66	Greensburg	2.55
Louisiana	68.5	+1.4	Donaldsonville	93	26	Plain Dealing	34	6	5.72	+1.03	Cranens	12.67	Hackberry	1.58
Maryland-Delaware.	56.2	+4.0	2 stations	90	[1] 13	Oakland, Md	20	6	3.62	+.10	Emmitsburg, Md	5.83	Ocean City, Md	1.64
Michigan	45.8	+3.0	Adrian	86	11	Garnet	9	22	3.43	+1.05	Bergland	5.30	Harrisville	1.98
Minnesota	40.5	−2.5	Winona	81	10	Hallock	0	21	2.69	+.58	Austin	5.62	Willmar Airport	1.03
Mississippi	66.4	+1.8	Bay St. Louis	90	26	3 stations	34	[1] 5	5.71	+.81	Meridian	10.60	Fleet	2.04
Missouri	55.9	+.6	2 stations	86	[1] 13	Black (near)	20	6	7.75	+3.71	Ozark Beach	13.82	Crookfield	3.43
Montana	38.6	−4.6	Wolf Point	82	21	Adel	−20	2	1.21	+.07	Summit	4.15	Scobey	.05
Nebraska	46.0	−3.2	2 stations	92	9	Harrison	1	4	2.88	+.45	Falls City	6.68	Fort Robinson	.39
Nevada	46.0	−2.0	Overton	101	30	Marlette Lake	−2	3	.52	−.28	Jarbridge	4.82	5 stations	.00
New England	49.2	+5.5	7 stations	89	[1] 11	2 stations	13	[1] 4	4.42	+1.07	Whitingham, Vt	7.91	North Truro, Mass	1.39
New Jersey	54.5	+4.9	Sussex	90	13	Layton	20	23	3.28	−.33	Morris Plains	5.29	Sandy Hook	1.97
New Mexico	48.9	−2.6	Orogrande	96	[1] 28	Eagle Nest	−36	5	.64	−.26	Aspen Grove Ranch	4.12	16 stations	.00
New York	50.1	+5.8	Dansville	91	11	Peru	14	16	4.08	+1.06	Cherryplain	7.05	Burdett	2.07
North Carolina	62.9	+4.9	4 stations	92	[1] 14	2 stations	16	[1] 5	3.60	+.03	Highlands	9.71	Wadesboro	.50
Ohio	53.1	+3.3	Ironton	88	[1] 12	New Lexington	19	6	3.97	+.77	Sedalia	6.80	Put-in-Bay	2.09
Oklahoma	58.2	−2.2	Tipton	93	10	2 stations	10	4	5.79	+2.28	Okemah	17.78	Goodwell	.52
Oregon	44.7	−2.5	2 stations	86	[1] 19	Olive Lake	2	14	2.14	+.14	Valsetz	11.90	2 stations	.01
Pennsylvania	52.4	+3.8	Marcus Hook	90	14	Springs	18	6	4.17	+.72	South Mountain	6.67	Covington	1.93
South Carolina	66.6	+4.2	Walterboro	92	27	Caesars Head	27	7	3.72	+.47	Crescent	7.56	Columbia Airport	1.72
South Dakota	42.8	−3.1	Longvalley	89	8	Custer	−2	4	1.19	−.87	Madison	3.30	Oelrichs	.18
Tennessee	60.7	−2.0	Dover	92	13	2 stations	26	[1] 6	5.22	+.80	Monteagle	7.97	Kingsport	2.71
Utah	42.8	−4.3	2 stations	93	[1] 1	Silver Lake (Brighton)	−11	[1] 3	1.47	+.23	G. B. E. S. Headquarters.	6.91	Hanksville	T
Virginia	58.1	+3.5	4 stations	92	14	Mountain Lake	15	[1] 6	2.99	−.30	Stuart	4.88	Dale Enterprise	1.47
Washington	45.5	−3.3	Omak	85	21	Paradise R. S	8	28	2.52	+.37	Palmer	12.38	Oroville	.10
West Virginia	55.6	+3.7	2 stations	92	[1] 10	2 stations	12	[1] 6	3.37	−.17	Mannington	5.27	Brandywine	1.46
Wisconsin	44.5	+.8	3 stations	81	[1] 10	Long Lake	12	15	3.89	+1.37	Deerskin Dam	6.06	Marinette	2.60
Wyoming	35.0	−5.3	Hawk Springs	82	21	Moran	−28	3	1.92	+.30	Middle Fork	5.60	Deaver	.10
Alaska (March)	14.1	+.4	Tree Point	55	25	Allakaket	−50	10	2.18	+.35	Baranof	28.20	Wainwright	.04
Hawaii (March)	70.5	+1.6	2 stations	90	[1] 18	Haleakala Ranger Station.	37	7	8.73	+.86	Makahanaloa No. 2	54.40	3 stations	.00
Puerto Rico	74.1	−1.0	do	92	[1] 7	2 stations	53	[1] 2	5.86	+1.55	San Lorenzo	16.83	Maunabo	.91
Hawaii	71.0	+.9	Kaanapali	90	3	Haleakala Ranger Station.	38	4	11.46	+2.94	Kahana	33.22	Pohakuloa	.10

[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							49.1	+5.8										73	3.39	+0.3											6.0			
Eastport	75	67	85	1,013.2	1,016.6	+3.1	42.4	+3.4	72	14	49	27	15	36	34	677	34	76	3.38	+.5	.88	11	11.8	s.	38	e.	3	9	7	14	6.2	T	0.0	0
Greenville, Maine	1,070	6	41	976.6	1,017.3	----	41.3	+4.2	83	12	55	14	16	28	51	707	33	---	5.46	+2.5	1.78	13	----	s.	---	------	--	5	12	13	----	2.0	.0	1
Portland, Maine [1]	103	5	43	1,012.9	1,017.3	+2.7	47.0	+4.0	80	12	57	22	7	37	42	542	38	78	3.28	-.1	1.09	14	11.1	s.	33	s.	7	9	7	14	5.9	.0	.0	0
Concord [1]	289	5	45	1,006.4	1,017.6	+2.0	49.1	+7.5	88	13	62	19	7	36	45	481	37	69	4.38	+1.6	2.10	12	9.6	nw.	46	nw.	22	10	6	14	6.1	.0	.0	0
Burlington [1]	403	5	51	1,001.4	1,016.6	+1.0	49.6	+6.3	84	11	60	24	23	39	35	469	37	68	3.84	+1.7	1.31	13	11.9	s.	34	s.	7	5	8	17	7.1	T	.0	1
Boston [1]	124	33	62	1,012.9	1,018.0	+3.1	52.5	+6.1	85	12	61	33	23	44	31	388	40	68	2.02	-1.3	.86	12	13.5	sw.	36	nw.	22	9	6	15	6.1	.0	.0	0
Nantucket	12	11	59	1,017.6	1,018.6	+3.7	49.3	+5.9	71	14	56	35	6	42	25	472	41	81	1.80	-1.2	.82	11	12.6	sw.	31	se.	25	7	12	11	6.2	.0	.0	0
Block Island	26	11	46	1,017.3	1,018.6	+3.4	48.8	+4.8	72	14	56	35	6	42	26	491	42	84	2.43	-1.1	1.30	8	15.7	sw.	49	nw.	21	11	9	10	5.1	.0	.0	0
Providence [3]	159	46	60	1,012.2	1,018.6	+3.4	54.5	+7.9	85	13	64	34	6	45	34	330	39	70	2.57	-.6	1.74	7	11.0	nw.	33	nw.	22	9	7	14	6.1	.0	.0	1
Hartford [1]	159	5	44	1,012.2	1,018.6	+3.0	53.2	+6.5	84	13	64	29	7	42	39	357	40	68	4.67	+1.3	2.65	11	10.1	s.	35	nw.	21	9	7	14	6.0	.0	.0	0
New Haven [1]	107	5	39	1,014.6	1,018.6	+3.0	52.2	+7.3	81	14	62	30	7	43	34	389	40	72	3.47	+.2	1.94	11	8.5	sw.	26	se.	25	11	7	12	5.5	.0	.0	0
MIDDLE ATLANTIC							56.4	+5.1										71	3.08	+0.1											6.0			
Albany [1]	97	26	40	1,013.5	1,017.6	+1.7	50.8	+6.4	85	13	61	28	23	40	39	437	38	68	3.05	+.9	1.76	14	11.9	s.	35	nw.	18	9	6	15	6.3	T	.0	3
Binghamton [2]	871	60	79	986.1	1,018.3	+1.7	51.4	+6.1	86	13	62	26	23	40	39	419	39	72	3.09	+.6	.83	12	7.2	w.	25	w.	21	5	9	16	6.8	.2	.0	.3
New York	314	415	454	1,007.1	1,019.0	+3.1	54.8	+5.4	81	14	63	36	6	46	24	311	42	68	3.02	-.2	1.35	10	14.3	nw.	54	nw.	5	11	8	11	5.5	.0	.0	3
Harrisburg [1]	374	30	49	1,005.1	1,019.3	+2.7	54.7	+3.8	85	13	65	32	7	44	34	320	42	68	4.09	+1.4	1.24	11	9.0	se.	34	nw.	27	9	6	15	6.0	.0	.0	5
Philadelphia [1]	114	5	57	1,014.9	1,019.6	+3.3	56.4	+5.8	84	14	67	33	6	46	36	264	44	72	2.89	-.2	.89	10	9.4	sw.	37	w.	14	8	7	15	6.3	.0	.0	3
Reading	323	47	306	1,007.1	1,019.6	----	55.5	+4.7	84	13	66	34	23	45	36	292	----	---	3.43	+.2	1.03	10	12.6	se.	59	nw.	14	8	9	13	5.8	T	.0	4
Scranton	805	72	104	989.5	1,019.3	+3.0	52.6	+4.5	85	13	63	29	23	42	40	383	----	---	3.71	+.9	1.50	10	7.3	n.	33	nw.	21	7	10	13	5.9	T	.0	1
Atlantic City	52	37	172	1,017.3	1,019.6	+3.7	52.9	+5.1	78	3	59	35	6	47	25	364	46	82	2.79	-.2	1.01	11	16.0	s.	41	nw.	5	7	9	14	6.5	.0	.0	4
Trenton	190	89	107	1,011.9	1,019.3	----	56.0	+6.2	84	14	66	34	6	46	32	276	43	69	2.42	-.5	.75	9	9.6	nw.	38	nw.	14	8	8	14	6.1	.0	.0	3
Baltimore [2]	123	100	215	1,014.6	1,019.6	+3.3	58.4	+4.8	86	13	68	37	6	49	29	216	45	69	3.55	+.2	.90	11	10.2	s.	36	nw.	26	12	7	11	5.4	.0	.0	5
Washington [2]	112	56	100	1,015.2	1,019.6	+3.0	59.5	+6.2	86	13	70	35	7	49	34	197	45	66	3.26	.	0.91	11	7.7	s.	29	nw.	5	9	8	13	6.0	.0	.0	4
Cape Henry	18	8	54	1,018.3	1,019.3	----	60.3	+5.7	89	14	67	44	6	53	27	187	52	77	1.83	-1.5	.56	11	12.5	ne.	42	n.	5	11	6	13	6.1	.0	.0	2
Lynchburg [1]	686	4	5	0 903.9	1,019.3	+2.7	59.2	+1.9	88	14	70	30	6	48	36	215	45	68	3.98	+1.0	2.45	13	8.7	n.	27	s.	2	9	10	11	5.6	.0	.0	3
Norfolk [2]	91	80	125	1,015.9	1,020.0	+3.7	62.1	+5.3	87	14	70	42	7	54	29	149	51	76	2.12	-1.1	.73	12	10.5	ne.	28	n.	6	8	8	14	6.0	.0	.0	3
Richmond	144	11	52	1,013.2	1,018.6	+2.0	61.3	+4.7	90	14	72	32	7	50	33	169	49	70	2.90	-.6	1.12	12	8.3	sw.	26	sw.	21	12	7	11	5.4	.0	.0	3
SOUTH ATLANTIC							65.6	+4.2										75	3.71	+0.6											5.5			
Asheville	2,253	77	92	939.4	1,019.0	+2.1	58.4	+4.5	83	3	70	28	7	47	39	226	44	68	4.87	+1.8	2.09	9	8.9	se.	30	e.	25	9	9	12	5.6	.0	.0	4
Charlotte [2]	779	63	86	0.990.9	1,019.3	+2.4	63.9	+4.1	88	15	74	32	7	54	33	112	50	70	3.81	+.5	1.33	8	7.5	ne.	26	sw.	26	8	9	13	5.8	.0	.0	3
Greensboro [1]	886	6	56	987.5	1,019.6	----	60.5	+4.2	87	14	73	25	7	48	41	169	50	74	2.55	-1.0	.96	10	8.9	ne.	27	sw.	26	9	10	11	5.7	.0	.0	3
Hatteras	11	5	50	1,018.3	1,019.0	+2.7	63.2	+3.4	79	3	69	47	6	57	21	99	58	85	1.84	-1.7	.45	13	13.8	ne.	32	n.	19	9	8	13	5.8	.0	.0	1
Raleigh [1]	376	5	69	1,005.4	1,019.3	+2.4	63.8	+4.4	87	14	75	34	7	53	34	117	52	76	4.40	+.9	1.84	10	7.7	sw.	24	sw.	26	13	8	9	4.7	.0	.0	4
Wilmington	72	73	107	1,016.3	1,019.0	+2.1	66.8	+4.8	86	3	75	43	6	58	29	48	58	79	3.10	+.4	.88	9	10.5	s.	37	s.	2	6	13	11	5.9	.0	.0	2
Charleston [2]	48	11	92	1,016.6	1,018.6	+1.7	69.6	+5.1	85	26	77	44	6	63	23	24	60	83	4.62	+2.1	1.80	11	10.9	s.	29	s.	25	12	11	7	4.9	.0	.0	5
Columbia, S. C. [2]	347	70	91	1,005.8	1,018.6	+1.7	67.2	+3.9	87	14	78	36	7	57	34	57	54	69	1.75	-1.1	1.05	9	8.7	ne.	28	s.	25	11	9	10	5.2	.0	.0	3
Greenville, S. C. [1]	1,040	18	36	981.4	1,019.0	----	63.2	+4.6	85	15	73	34	7	53	29	112	49	68	6.14	+2.4	1.76	9	10.1	ne.	31	sw.	26	12	6	12	5.5	.0	.0	7
Augusta [3]	182	62	77	1,011.5	1,018.3	+1.4	68.0	+3.8	88	26	79	37	7	57	33	43	53	68	4.50	+1.4	1.62	7	6.4	nw.	28	s.	25	10	10	10	5.2	.0	.0	6
Savannah [2]	65	73	15	2,015.9	1,018.6	+1.7	70.2	+4.2	90	26	79	43	6	62	26	23	60	84	3.91	+1.3	1.36	10	11.0	s.	42	sw.	25	10	10	10	5.4	.0	.0	6
Jacksonville [2]	43	86	110	1,016.9	1,019.0	+1.7	72.5	+3.8	89	26	81	49	7	64	23	21	62	80	3.08	+.7	1.00	7	9.0	s.	37	n.	28	6	13	11	5.9	.0	.0	5
FLORIDA PENINSULA							77.3	+3.8										78	1.71	-0.6											3.6			
Key West [2]	21	10	64	1,015.9	1,016.9	+.3	79.9	+4.2	88	29	85	70	7	75	14	0	71	79	1.14	-.2	.97	4	10.4	e.	22	e.	16	25	5	0	2.4	.0	.0	1
Miami [2]	25	242	249	1,016.3	1,017.6	+.7	76.0	+2.1	85	30	79	62	8	73	17	0	67	78	2.44	-1.0	1.99	5	14.2	se.	31	se.	1	17	13	0	3.2	.0	.0	3
Tampa [1]	35	6	43	1,016.3	1,018.0	.0	76.0	+5.1	90	27	85	57	11	67	28	0	66	78	1.55	-.5	.96	4	11.9	sw.	32	sw.	28	9	14	17	5.1	.0	.0	2
EAST GULF							67.4	+2.6										76	7.43	+3.3											5.3			
Atlanta [1]	1,173	33	72	976.6	1,018.0	+1.1	63.7	+2.6	88	14	75	36	7	53	32	103	49	66	8.10	+4.4	3.64	11	10.6	e.	41	se.	24	9	10	11	5.6	.0	.0	5
Macon [2]	370	79	87	1,004.4	1,018.0	+1.1	66.6	+2.7	88	26	78	38	7	55	33	61	53	68	7.32	+4.2	2.32	10	7.1	s.	40	nw.	28	9	10	11	5.4	.0	.0	6
Thomasville	273	49	58	1,008.1	1,018.3	+1.4	70.0	+3.3	88	15	81	44	7	59	30	30	----	---	10.91	+7.6	2.76	11	----	------	---	------	--	8	10	12	----	.0	.0	7
Apalachicola	35	11	51	1,015.9	1,017.3	----	70.7	+3.6	82	24	77	49	6	64	23	17	64	80	3.60	+.8	1.46	8	10.1	se.	31	se.	2	10	8	12	5.8	.0	.0	5
Pensacola	56	54	79	1,015.6	1,017.6	+1.0	69.6	+2.9	88	26	77	46	7	62	26	28	62	82	7.25	+3.2	3.61	10	8.9	s.	32	s.	1	13	7	10	4.9	.0	.0	5
Anniston	741	9	----	------	------	----	64.6	+3.4	86	15	77	39	7	52	37	93	----	---	5.47	+1.1	1.38	8	----	se.	---	------	--	14	6	10	----	.0	.0	5
Birmingham [1]	700	5	62	992.9	1,017.6	+1.0	63.5	+1.8	86	15	76	39	30	51	34	111	52	70	6.20	------	2.12	11	8.3	se.	42	sw.	1	10	11	9	5.1	.0	.0	6
Mobile [2]	57	86	161	1,015.2	1,017.3	+.7	69.0	+2.7	89	26	78	44	6	60	30	36	60	80	8.53	+3.9	3.83	9	7.7	s.	27	e.	1	10	9	11	5.3	.0	.0	5
Montgomery [2]	218	92	105	1,009.8	1,018.0	+1.1	67.4	+2.1	87	15	77	43	7	57	29	58	58	79	10.14	+5.8	4.48	10	7.4	se.	35	nw.	28	15	4	11	4.7	.0	.0	7
Meridian [2]	375	67	92	1,003.4	1,016.9	+.3	66.0	+2.0	86	25	77	40	5	55	34	66	54	76	10.60	+5.8	4.68	8	6.8	s.	32	s.	1	13	10	7	4.5	.0	.0	6
Vicksburg [2]	247	82	102	1,007.5	1,016.3	+.4	66.8	+1.2	86	3	76	43	5	58	26	58	56	81	3.69	-1.5	2.18	7	9.5	se.	25	sw.	1	7	12	11	5.8	.0	.0	6
New Orleans [4]	53	50	84	1,014.2	1,016.3	+.4	70.8	+3.0	90	26	79	46	6	63	24	29	62	78	6.11	+.9	3.74	6	8.3	se.	26	se.	1	6	12	12	6.0	.0	.0	3
WEST GULF							67.3	+0.4										77	4.83	+1.0											6.2			
Shreveport [1]	249	5	64	1,006.1	1,014.9	.0	66.8	+2.0	86	25	76	40	5	57	31	51	57	76	6.47	+1.8	3.30	9	10.9	se.	36	n.	1	9	6	15	6.0	.0	.0	6
Fort Smith	463	57	82	998.0	1,013.9	-.7	62.4	+.6	86	3	72	35	5	53	36	132	52	72	7.35	+3.4	2.20	18	9.5	e.	49	n.	14	2	8	20	7.5	.0	.0	13
Little Rock [1]	357	26	58	1,002.7	1,015.6	+.4	63.9	+1.8	85	13	73	37	5	54	32	104	53	73	6.61	+1.4	2.48	16	9.8	se.	33	s.	4	4	12	14	7.0	.0	.0	10
Austin [1]	605	10	41	992.2	1,013.2	----	66.0	-1.8	86	25	76	36	5	56	34	63	56	76	4.11	-.2	1.89	8	10.3	s.	34	w.	1	9	7	14	5.8	.0	.0	6
Brownsville [1]	57	5	54	1,009.5	1,011.2	----	75.2	+1.5	98	25	84	51	5	67	34	14	66	78	1.23	-.5	1.00	6	13.9	se.	33	s.	10	4	11	15	7.0	.0	.0	3
Corpus Christi [1]	20	4	33	1,011.9	1,012.5	-1.7	71.8	+2.8	91	25	80	45	6	64	28	31	63	80	3.65	------	2.67	6	14.0	se.	40	se.	15	9	10	11	5.7	.0	.0	3
Dallas [1]	512	5	45	995.6	1,013.9	----	63.7	-1.4	88	25	74	34	5	54	33	107	55	77	3.05	-1.2	.94	9	12.2	s.	33	s.	12	8	6	16	6.2	.0	.0	5
Fort Worth [1]	679	40	56	989.8	1,013.5	-.4	63.0	-1.1	87	25	72	35	5	54	34	115	54	76	2.87	-1.2	.85	11	12.2	se.	35	nw.	3	7	11	12	6.1	.0	.0	6
Galveston [2]	54	106	114	1,012.2	1,013.9	-1.0	70.0	+1.3	80	24	74	45	5	66	20	33	64	83	4.30	+1.2	1.72	6	13.1	se.	34	se.	1	6	10	14	6.5	.0	.0	4
Houston [2]	138	157	190	1,009.1	1,013.9	----	69.6	+.3	90	25	78	41	5	61	28	36	60	80	4.21	+.6	1.93	5	12.6	se.	33	se.	10	9	10	11	5.7	.0	.0	3
Palestine	510	64	72	996.6	1,014.9	+.3	65.5	-.5	87	25	75	37	5	56	30	69	54	70	2.21	-2.2	1.98	10	8.7	s.	29	sw.	1	9	8	13	5.6	.0	.0	3
Port Arthur [2]	34	59	124	1,013.2	1,014.6	----	69.8	+1.3	84	23	76	42	5	63	24	34	62	82	12.59	+9.6	5.25	10	15.9	se.	43	se.	1	11	10	9	5.2	.0	.0	6
San Antonio [1]	693	8	51	988.5	1,012.9	-.6	67.2	-1.9	91	25	79	34	5	56	39	61	57	74	2.91	-.3	.83	7	10.2	se.	40	nw.	15	7	8	15	6.3	.0	.0	6
OHIO VALLEY AND TENNESSEE							57.0	+3.0										72	4.60	+0.9											6.4			
Chattanooga [1]	762	6	66	990.5	1,018.3	+1.4	61.5	+3.9	85	14	74	32	7	49	41	140	52	76	6.40	+1.6	1.95	9	7.6	s.	36	sw.	16	10	8	12	5.7	.0	.0	5
Knoxville [1]	995	27	53	982.7	1,018.6	+.6	60.4	+3.1	85	15	72	34	7	48	38	178	50	72	4.56	+.4	1.49	12	7.7	ne.	40	sw.	16	10	9	11	5.5	.0	.0	4
Memphis [4]	399	5	86	1,002.0	1,016.3	+.4	63.4	+1.6	85	3	73	36	6	54	32	135	53	74	5.99	+1.2	1.84	12	8.2	s.	36	w.	16	6	11	13	6.5	.0	.0	8
Nashville [1]	546	5	72	997.6	1,017.6	+1.3	61.3	+2.3	84	15	73	34	6	50	30	166	48	70	5.51	+1.4	1.75	12	9.0	s.	31	s.	16	7	10	13	6.3	.0	.0	6

See footnotes at end of table.

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.	
OHIO VALLEY AND TENNESSEE—Con.																																		
Lexington [1]	989	4	28	982.1	1,018.6	+2.0	57.1	+2.8	82	12	68	31	6	47	32	260	46	70	4.16	+.7	.98	14	----	s.	---	------	--	7	8	15	6.6	.0	.0	2
Louisville [2]	525	106	120	998.3	1,017.3	+1.0	58.2	+1.8	81	13	68	35	6	49	31	230	46	71	3.93	.0	.97	13	9.1	s.	42	s.	16	7	11	12	6.0	.0	.0	5
Evansville [1]	431	11	40	1,001.4	1,016.9	+1.0	57.2	+2.3	80	11	67	30	6	47	34	249	46	73	5.23	+1.3	1.63	13	9.6	s.	34	s.	16	5	7	18	7.0	T	.0	6
Indianapolis [1]	823	5	54	987.1	1,017.3	+1.4	52.6	+1.8	80	10	63	27	6	42	34	376	42	73	5.11	------	1.44	14	12.3	se.	40	w.	18	3	10	17	7.2	T	.0	5
Terre Haute [2]	575	68	149	996.3	1,017.3	-----	55.0	+1.3	79	11	64	34	5	46	31	309	44	72	4.97	+1.3	1.52	13	11.5	s.	45	sw.	16	5	11	14	6.7	T	.0	6
Cincinnati [2]	627	11	51	994.9	1,018.3	+2.0	56.3	+3.9	84	11	67	30	6	46	35	274	45	72	5.10	+2.0	1.98	12	7.5	s.	26	w.	5	7	8	15	6.3	T	.0	5
Columbus [2]	822	90	110	988.2	1,018.3	+1.7	54.3	+3.1	83	11	65	30	6	44	33	332	43	74	5.52	+2.6	1.66	12	10.8	s.	44	s.	4	7	7	16	6.6	T	.0	4
Dayton [1]	1,003	6	55	981.4	1,018.0	-----	53.0	+2.5	79	11	63	28	6	43	31	365	42	71	3.17	.0	.81	12	12.9	s.	44	s.	16	3	9	18	7.3	T	.0	5
Elkins [1]	1,947	4	45	949.5	1,019.3	+2.4	53.6	+6.2	81	13	67	22	6	40	47	346	42	72	2.50	−1.1	.82	12	8.3	nw.	39	nw.	2	5	10	15	6.6	T	.0	5
Parkersburg	637	77	84	995.3	1,018.6	+1.7	56.8	+3.4	84	11	69	28	6	44	37	268	44	68	3.55	+.4	.95	14	7.0	se.	32	w.	4	7	16	7	5.7	T	.0	7
Pittsburgh [1]	842	39	54	987.5	1,018.3	+1.7	54.4	+5.2	83	12	66	29	6	43	34	333	40	66	3.81	+.9	.98	13	11.3	sw.	47	nw.	4	8	8	14	5.9	T	.0	5
LOWER LAKES							50.4	+5.5										70	3.06	+0.5											6.7			
Buffalo [1]	768	34	96	988.8	1,017.6	+1.3	49.8	+6.0	86	11	60	28	22	40	31	476	38	70	3.15	+.6	.68	11	15.0	sw.	45	w.	18	4	9	17	6.8	T	.0	3
Canton	448	10	61	999.7	1,016.3	-----	48.8	+6.9	84	13	59	24	23	39	32	491	36	66	3.59	+1.4	.80	15	10.1	w.	33	sw.	5	7	7	16	6.9	1.6	.0	1
Oswego	335	71	85	1,004.7	1,017.6	+1.3	49.2	+6.6	85	13	58	31	15	41	37	478	37	68	2.58	+.2	.60	12	9.9	w.	28	se.	4	8	8	14	6.2	.2	.0	4
Rochester [1]	523	5	69	998.0	1,017.3	+1.0	50.4	+6.9	86	13	61	28	22	40	36	457	38	70	2.16	−.2	.53	11	12.0	w.	48	w.	5	4	9	17	7.3	.4	.0	3
Syracuse [1]	596	5	57	995.3	1,018.0	+1.7	50.8	+7.8	85	13	62	28	23	40	34	435	39	70	3.50	+1.0	1.03	15	11.9	sw.	40	se.	4	4	8	18	7.2	.2	.0	2
Erie [2]	714	57	81	991.5	1,018.0	+1.4	51.6	+6.5	85	11	60	32	5	43	33	419	40	76	3.62	+.9	.86	15	9.4	w.	28	se.	16	5	11	14	6.5	.7	.0	6
Cleveland [1]	762	27	54	989.5	1,018.0	+1.4	52.0	+5.8	83	10	63	29	6	41	37	404	39	70	3.66	+1.2	.84	14	12.5	s.	40	sw.	17	5	9	16	6.8	T	.0	6
Sandusky	629	5	67	994.2	1,017.6	+1.0	52.0	+4.8	85	11	62	30	6	42	38	399	----	---	2.19	−.4	.69	11	10.4	sw.	31	sw.	4	7	8	15	6.5	T	.0	4
Toledo [1]	628	5	47	993.9	1,017.6	+1.3	50.2	+4.0	83	11	61	28	28	39	37	447	40	72	2.43	−.2	1.11	9	14.1	sw.	39	s.	16	8	15	7	5.4	T	.0	2
Fort Wayne [1]	857	5	33	985.4	1,016.9	-----	50.0	+1.3	80	11	60	29	6	40	35	450	40	73	3.40	+.3	1.55	13	11.2	sw.	36	w.	4	3	8	19	7.5	T	.0	3
Detroit [1]	730	5	78	990.2	1,017.3	+.7	50.0	+4.4	80	11	59	29	5	41	35	448	38	68	3.37	+.9	1.44	9	11.8	sw.	36	n.	5	6	5	19	7.0	.2	.0	3
UPPER LAKES							43.8	+2.5										72	3.37	+0.9											7.1			
Alpena	609	5	89	993.2	1,015.9	−.7	43.5	+4.9	79	10	52	24	22	35	34	642	32	71	2.44	+.2	1.03	15	13.3	nw.	38	sw.	4	3	16	11	6.5	3.5	.0	3
Escanaba	612	51	72	992.6	1,015.6	−1.0	39.0	+1.1	57	11	46	25	15	32	25	780	30	74	3.74	+1.5	1.23	16	13.5	s.	40	n.	2	5	10	15	6.9	5.5	.0	1
Grand Rapids [2]	707	70	244	990.2	1,016.6	.0	49.6	+2.6	81	11	59	29	5	40	33	470	36	67	3.52	+.8	1.17	14	15.0	s.	55	sw.	4	6	12	12	6.5	T	.0	2
Lansing [2]	878	5	90	984.1	1,016.6	-----	48.4	+2.8	81	11	58	28	6	38	37	499	36	65	3.48	+.9	1.41	16	10.9	sw.	30	sw.	16	4	11	15	6.8	.9	.0	2
Marquette	734	44	73	987.1	1,015.2	−1.4	40.1	+2.3	81	10	48	23	15	32	42	754	30	72	3.56	+1.1	1.49	15	10.6	n.	34	s.	9	4	6	20	7.7	9.0	.0	1
Sault Sainte Marie [1]	614	11	52	992.2	1,015.2	−1.7	39.6	+3.1	79	11	49	21	6	30	36	760	30	74	2.16	.0	.48	16	14.6	nw.	52	sw.	4	5	6	19	7.3	11.4	T	1
Chicago [1]	673	5	36	991.5	1,016.3	+.4	49.8	+2.9	81	11	59	29	27	40	31	464	38	72	4.20	+1.7	1.47	14	13.0	s.	37	sw.	4	2	8	20	7.8	T	.0	3
Green Bay	617	90	123	992.2	1,015.2	−1.1	45.4	+2.2	78	10	54	27	3	36	32	589	34	69	4.42	+1.8	2.00	12	13.6	s.	42	s.	4	3	7	20	7.6	T	.0	3
Milwaukee [1]	681	33	66	990.5	1,015.9	+.3	46.4	+4.2	80	11	56	27	19	37	31	562	36	73	2.89	+.2	.85	13	17.8	sw.	56	sw.	4	1	13	16	7.3	T	.0	3
Duluth [2]	1,133	5	47	972.9	1,014.9	−1.4	36.2	−.8	63	9	45	20	21	28	29	864	26	78	3.30	+1.2	.93	14	12.8	ne.	37	nw.	4	8	9	13	6.3	9.4	.0	1
NORTH DAKOTA							38.6	−1.9										68	1.02	−0.6											6.9			
Fargo [1]	940	5	43	980.0	1,014.9	−.7	39.2	−1.4	70	8	49	23	14	30	34	773	31	76	2.03	−.2	.66	9	14.0	n.	34	n.	16	4	13	13	6.9	4.1	.0	2
Bismarck [1]	1,677	5	43	953.6	1,015.2	+.3	40.0	−.4	72	27	52	20	4	28	43	752	28	66	.98	−.5	.45	6	14.2	nw.	42	nw.	17	5	11	14	6.8	5.6	.0	1
Devils Lake	1,478	11	44	961.1	1,015.9	+.3	36.6	−2.2	69	27	46	21	3	28	36	852	26	70	.66	−.9	.28	8	11.0	nw.	31	nw.	17	4	8	18	7.1	3.0	.0	3
Grand Forks [1]	832	4	41	983.4	1,014.6	-----	36.8	------	66	28	47	13	21	27	39	846	28	---	1.18	------	.89	9	----	n.	---	------	--	2	11	17	----	2.5	.0	2
Williston	1,878	42	50	946.8	1,014.6	.0	38.4	−3.6	68	27	49	16	4	27	40	800	24	60	.43	−.8	.20	7	9.2	nw.	28	nw.	17	4	11	15	6.7	3.2	.0	0
UPPER MISSISSIPPI							50.8	+0.7										69	4.56	+1.6											7.0			
Minneapolis - St. Paul [1]	919	43	74	980.0	1,013.9	−1.7	43.9	−2.5	75	10	53	25	4	35	32	634	34	68	2.95	+.7	.76	12	14.0	se.	40	sw.	1	2	9	19	7.5	6.0	.0	3
Springfield, Minn.	1,025	4	42	977.3	1,014.9	-----	44.0	------	77	9	55	23	5	33	41	628	32	66	2.22	------	1.31	6	----	nw.	---	------	--	4	7	19	----	2.5	.0	1
La Crosse [1]	714	5	29	988.2	1,014.6	−.6	45.2	−.4	76	10	54	26	27	36	34	593	35	70	3.83	+1.4	1.29	11	11.9	s.	38	s.	16	5	9	16	7.1	8.9	.0	3
Madison [2]	974	70	78	979.7	1,015.9	+.3	47.0	+1.6	77	10	56	28	19	38	27	541	36	70	2.93	+.2	1.06	11	10.5	sw.	29	sw.	4	4	10	16	7.3	T	.0	4
Charles City	1,015	10	51	978.3	1,015.6	+.4	45.9	−.5	77	10	56	22	5	36	34	574	----	---	4.57	+2.0	1.52	12	8.4	se.	26	sw.	16	8	9	13	6.1	6.1	.0	2
Moline [1]	606	6	50	993.6	1,015.9	+.7	51.6	+2.8	80	10	61	31	5	42	32	408	39	68	3.88	+1.2	.98	14	13.8	s.	52	sw.	11	3	8	19	7.4	T	.0	4
Des Moines [2]	860	5	99	984.1	1,015.6	+.7	50.2	+.1	77	10	60	28	4	41	37	451	37	66	5.26	+2.4	2.00	10	12.9	n.	33	sw.	9	8	5	17	6.6	.6	.0	9
Dubuque	699	60	79	989.8	1,015.2	.0	49.6	+1.0	79	10	59	30	5	40	28	466	38	67	3.61	+.8	1.49	10	7.4	s.	22	sw.	11	3	12	15	7.0	T	.0	5
Burlington [1]	702	4	36	989.8	1,015.9	+.7	51.1	−.3	78	10	62	28	5	40	33	415	40	72	4.11	+.9	1.15	13	13.5	s.	41	sw.	16	5	5	20	7.3	T	.0	6
Cairo	357	5	99	1,003.7	1,016.6	+1.0	61.4	+2.3	81	13	70	38	5	53	32	141	----	---	8.27	+4.6	2.31	14	9.2	s.	29	sw.	25	7	8	15	6.6	.0	.0	7
Peoria [1]	609	6	26	994.2	1,016.6	+1.0	51.6	+1.7	76	10	61	31	5	42	30	404	41	72	5.58	+2.2	1.06	14	13.5	s.	36	sw.	16	6	8	16	6.9	T	.0	3
Springfield, Ill. [2]	636	5	191	992.9	1,016.6	+1.4	54.7	+2.0	80	11	64	33	5	46	30	321	44	76	4.62	+1.1	1.44	16	13.9	s.	36	w.	4	4	7	19	7.4	T	.0	8
St. Louis [2]	568	35	303	996.3	1,016.9	+1.7	57.0	+.9	78	11	65	34	4	48	35	253	44	70	5.40	+1.6	1.81	16	13.4	s.	43	sw.	16	4	9	17	6.9	T	.0	6
MISSOURI VALLEY							50.4	−0.9										70	5.43	+2.5											7.0			
Columbia, Mo. [2]	784	6	66	987.1	1,015.2	.0	55.0	+.2	80	10	65	29	5	45	35	311	42	70	6.36	+2.6	1.63	18	8.8	s.	27	sw.	16	6	10	14	6.5	T	.0	7
Kansas City [1]	963	39	76	980.0	1,014.9	+.3	54.4	−.4	80	20	63	30	5	45	34	326	42	68	6.63	+3.1	2.37	15	12.9	ne.	42	sw.	16	6	5	19	7.4	T	.0	3
St. Joseph [2]	967	11	49	979.7	1,014.9	-----	52.6	−.9	81	20	62	28	5	43	35	376	42	72	6.36	+3.2	2.75	15	10.4	s.	32	w.	16	14	8	8	4.7	T	.0	3
Springfield, Mo. [1]	1,324	5	67	967.8	1,015.2	+.3	55.4	+.2	77	13	65	28	5	46	31	291	46	77	12.15	+8.3	2.54	19	11.6	se.	46	sw.	16	3	6	21	7.7	T	.0	11
Topeka	987	65	87	979.3	1,015.2	-----	53.6	−1.1	83	20	63	29	5	44	37	347	43	74	8.58	+5.8	4.12	14	10.6	s.	32	s.	9	3	9	18	7.5	T	.0	7
Lincoln [2]	1,189	11	81	971.2	1,014.6	+.7	50.0	−1.5	82	20	60	20	5	40	40	448	39	76	4.17	+1.6	1.39	12	11.5	s.	43	nw.	16	7	5	18	7.2	10.5	.0	4
Omaha [1]	1,105	5	68	974.6	1,014.9	+.7	50.0	−1.0	80	20	60	20	5	40	38	454	38	69	5.35	+2.8	1.94	12	14.5	s.	39	nw.	16	4	8	18	7.1	8.6	.0	4
Valentine	2,598	46	54	922.1	1,014.6	+.7	42.8	−2.9	79	8	54	14	4	32	39	666	28	63	.87	−1.0	.68	8	10.6	n.	31	n.	16	2	11	17	7.3	3.1	.0	1
Sioux City [1]	1,138	5	40	973.2	1,014.6	+.4	46.8	−.4	80	22	59	16	5	35	42	548	36	68	2.56	−.1	1.01	9	13.4	s.	35	s.	10	3	11	16	7.2	6.0	.0	1
Huron [1]	1,301	5	41	967.5	1,015.2	+.6	43.7	−1.4	86	8	56	17	5	31	50	638	29	64	1.29	−1.0	.76	6	15.0	n.	40	s.	8	3	11	16	7.2	3.5	.0	4
NORTHERN SLOPE							39.4	−4.6										65	1.87	+0.4											7.8			
Billings [1]	3,570	16	40	889.6	1,015.2	-----	41.2	−4.8	74	21	51	9	3	31	33	715	28	64	.64	------	.23	10	11.4	sw.	35	ne.	1	2	6	22	8.0	3.9	.0	1
Havre	2,507	11	67	925.5	1,015.9	+2.4	39.6	−4.1	73	30	51	7	2	28	42	764	26	62	.98	.0	.51	6	9.0	sw.	32	w.	21	1	8	21	8.1	3.6	.0	0
Helena [1]	4,124	5	43	872.0	1,015.9	+1.0	39.2	−4.3	71	20	50	5	2	28	33	774	26	64	.58	−.5	.27	9	10.4	w.	33	nw.	21	0	9	21	8.0	3.7	.0	0
Missoula [1]	3,263	4	32	901.8	1,017.3	-----	40.6	−3.3	72	20	50	15	2	31	34	730	31	72	2.00	+1.1	.50	13	7.1	nw.	29	sw.	27	0	3	27	8.7	2.5	.0	0
Kalispell	2,973	48	56	910.6	1,014.9	+.3	39.6	−4.0	66	20	48	14	2	31	29	764	28	66	1.21	+.4	.44	16	6.0	w.	24	w.	21	0	9	21	8.1	2.9	.0	1
Miles City [1]	2,371	5	78	930.2	1,015.2	+.6	41.8	------	79	21	54	15	4	30	42	697	26	63	.59	------	.20	7	----	nw.	---	------	--	1	7	22	8.1	1.9	.0	1
Rapid City [1]	3,259	5	63	899.8	1,015.2	+1.0	40.6	−3.5	80	21	53	9	3	28	42	732	26	62	.50	−.9	.18	9	16.2	nw.	51	nw.	9	4	10	16	7.1	2.8	.0	1
Cheyenne [1]	6,094	5	40	809.7	1,014.9	+2.0	34.8	−6.1	73	21	46	−1	4	23	40	908	23	68	3.08	+1.1	.99	12	12.0	nw.	32	nw.	30	1	9	20	7.7	26.2	.0	2
Lander	5,352	60	68	833.1	1,015.9	+2.0	33.4	−9.0	68	30	46	−7	3	21	39	948	22	64	5.02	+3.0	1.85	9	5.3	sw.	41	sw.	8	5	11	14	6.7	58.9	.0	0
Sheridan [1]	3,790	5	38	882.5	1,015.9	-----	39.2	−4.1	74	30	51	2	3	27	40	774	24	62	1.41	−.5	.42	12	9.8	nw.	46	nw.	21	4	4	22	7.8	5.6	.0	1
North Platte [2]	2,821	11	51	914.3	1,013.9	+.7	45.8	−2.8	83	9	57	17	4	34	40	575	31	66	2.01	.0	.79	13	9.6	nw.	32	n.	16	1	11	18	7.6	7.4	.0	5

See footnotes at end of table.

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.	
MIDDLE SLOPE							51.0	−3.1										70	4.98	+2.4											6.9			
Denver [2]	5,292	106	113	834.7	1,013.2	+.7	42.2	−4.9	77	21	53	11	4	32	33	683	26	64	2.58	+.5	.8	6 13	8.0	s.	26	n	9	12	8	10	5.6	28.2	.0	0
Pueblo [1]	4,690	5	36	853.7	1,012.5	+.6	44.8	−4.6	84	21	59	4	4	30	45	605	26	58	1.53	+.2	.4	8 12	9.6	sw.	37	sw.	12	7	10	13	6.1	9.3	.0	2
Concordia	1,392	50	58	964.4	1,014.6	+1.1	50.7	−2.8	83	20	60	24	5	41	37	435	40	72	4.73	+2.4	1.7	8 12	9.7	s.	34	nw.	16	4	9	17	7.2	4.0	.0	5
Dodge City [1]	2,509	5	58	925.2	1,012.9	+.4	50.2	−3.4	88	9	62	17	4	38	40	459	37	68	3.84	+1.9	.9	7 11	16.7	s.	50	nw.	16	6	9	15	6.6	5.0	.0	9
Wichita [1]	1,358	6	64	965.5	1,013.9	+.4	53.0	−3.4	78	21	62	27	4	44	27	371	44	75	6.79	+3.9	1.8	1 12	15.6	s.	42	s.	7	3	10	17	7.4	T	.0	6
Oklahoma City [2]	1,214	10	47	970.5	1,013.9	+.7	58.0	−1.8	83	20	67	29	4	49	29	243	49	76	7.00	+3.7	2.4	5 11	9.3	s.	28	s.	9	3	11	16	7.5	.0	.0	4
Tulsa [1]	674	10	60	989.8	1,013.5	-----	58.4	−.5	81	20	68	30	5	49	39	219	49	76	8.41	+4.2	2.8	8 14	11.7	s.	40	w.	16	2	6	22	7.9	.0	.0	7
SOUTHERN SLOPE							59.7	−2.3										58	1.08	−0.7											5.2			
Abilene [1]	1,738	4	59	951.6	1,011.9	−.6	60.6	−2.4	86	25	73	29	5	48	40	155	48	70	2.29	−.4	.92	9	14.7	s.	43	sw.	10	8	9	13	5.9	.0	.0	6
Amarillo [1]	3,676	5	42	887.2	1,012.9	+1.4	51.2	−2.6	86	9	66	14	4	37	47	414	34	63	1.58	−.2	.64	10	15.9	se.	54	s.	10	7	11	12	5.9	1.7	.0	6
Del Rio	960	63	71	977.7	1,010.5	−1.7	70.7	+.1	96	25	83	36	6	59	44	50	50	55	.29	−1.5	.29	1	10.7	se.	31	nw.	15	12	10	8	4.8	.0	.0	4
Roswell	3,566	75	85	889.6	1,010.2	−.6	56.4	−4.2	87	8	73	20	4	40	52	264	30	42	.15	−.7	.06	4	10.2	s.	37	s.	2	12	12	6	4.4	T	.0	2
SOUTHERN PLATEAU							59.2	−0.9										35	0.24	−0.3											3.1			
El Paso [1]	3,778	39	85	883.2	1,008.8	−1.4	61.8	−.5	90	30	75	33	6	48	39	148	31	34	T	−.3	T	0	13.9	w.	40	sw.	3	19	8	3	3.1	T	.0	1
Albuquerque [1]	5,314	5	45	834.4	1,009.1	-----	52.3	−1.7	83	30	67	19	4	38	42	379	22	38	.77	+.2	.53	3	12.1	n.	50	s.	9	15	7	8	4.2	2.0	.0	1
Flagstaff	6,907	36	51	787.7	1,013.9	+3.4	42.0	−1.3	78	30	58	10	11	26	46	692	18	45	.55	−.8	.33	6	----	nw.	---	------	--	19	6	5	3.5	4.7	.0	0
Phoenix [2]	1,107	39	87	972.2	1,010.2	−1.3	66.4	−.6	99	29	82	39	4	51	43	89	28	30	T	−.4	T	0	7.7	e.	26	w.	9	20	6	4	2.8	.0	.0	0
Tucson [1]	2,555	5	39	923.5	1,010.5	-----	63.4	−1.0	95	29	79	27	4	48	42	137	28	29	.11	−.2	.11	1	----	sw.	---	------	--	17	9	4	3.4	.0	.0	0
Yuma	142	9	54	1,006.4	1,010.8	−1.4	69.2	−.3	101	29	86	41	4	53	42	59	34	34	T	−.1	T	0	6.7	sw.	33	n.	22	25	4	1	1.7	.0	.0	0
MIDDLE PLATEAU							45.3	−2.5										50	0.65	−0.2											5.8			
Reno [1]	4,527	20	52	863.2	1,016.9	+2.0	45.6	−.5	85	30	64	13	13	28	50	580	26	52	.31	−.2	.17	4	9.1	n.	54	sw.	8	14	6	10	5.0	T	.0	1
Tonopah	6,090	9	20	812.1	1,012.5	-----	46.2	−1.5	77	29	59	15	2	33	34	563	22	46	T	−.5	T	0	----	nw.	--	------	--	12	11	7	----	T	.0	0
Winnemucca	4,339	5	56	868.3	1,016.3	+1.7	44.1	−2.6	80	30	59	17	4	29	44	627	24	50	.46	−.4	.18	6	8.4	sw.	34	sw.	7	10	8	12	5.7	1.2	.0	1
Modena	5,473	10	46	831.4	1,011.5	−.4	43.4	−2.6	81	30	59	14	4	28	46	650	----	---	.52	−.4	.23	7	9.6	w.	33	s.	8	12	12	6	4.9	4.5	.0	0
Salt Lake City [1]	4,227	32	58	865.6	1,014.2	+1.0	44.8	−3.1	80	20	56	18	3	34	36	604	28	54	1.37	−.3	.85	8	10.3	se.	35	s.	8	5	12	13	6.8	6.8	.0	0
Grand Junction	4,602	60	68	856.4	1,011.2	−.7	47.8	−4.6	81	30	60	15	4	36	39	513	25	50	1.25	+.4	.64	9	7.0	n.	29	s.	9	7	9	14	6.5	6.6	.0	4
NORTHERN PLATEAU							46.2	−2.7										58	0.85	−0.3											6.6			
Baker [2]	3,471	36	54	896.4	1,018.0	+2.1	42.2	−3.0	76	20	54	20	9	30	40	685	28	64	.25	−.8	.08	7	7.0	n.	26	sw.	5	3	13	14	6.7	2.2	.0	1
Boise [1]	2,739	5	49	920.1	1,016.3	+1.1	46.0	−3.1	83	20	58	24	9	34	34	568	28	52	.47	−.7	.27	4	11.3	nw.	33	nw.	11	5	10	15	6.4	T	.0	1
Pocatello [1]	4,478	5	31	861.5	1,015.6	+1.7	42.6	−2.3	77	20	54	12	3	31	40	675	25	54	.61	−.9	.23	8	12.3	sw.	30	sw.	8	5	8	17	7.0	4.7	.0	0
Spokane [1]	1,929	27	42	947.2	1,016.6	+1.0	44.7	−3.7	73	20	55	22	2	34	35	608	30	60	1.12	.0	.58	10	8.7	sw.	34	w.	27	1	12	17	7.4	1.0	.0	0
Walla Walla	991	57	65	982.4	1,018.3	+2.0	51.0	−2.1	74	20	60	32	2	42	27	421	----	---	2.08	+.6	.92	12	7.1	sw.	23	sw.	15	6	18	6	5.9	.1	.0	0
Yakima	1,076	58	67	978.7	1,017.3	-----	50.4	−2.1	77	20	62	31	10	39	33	439	----	---	.56	+.1	.48	5	7.3	nw.	29	n.	15	6	14	10	6.2	T	.0	0
NORTH PACIFIC COAST							48.9	−0.9										73	2.98	−0.1											7.3			
North Head	211	5	55	1,014.6	1,022.0	+4.4	46.4	−1.1	55	18	50	36	7	42	14	563	41	82	3.32	−.8	.87	22	15.6	nw.	52	s.	4	1	3	26	8.4	T	.0	0
Seattle [2]	125	90	321	1,016.3	1,020.7	+3.8	48.8	−2.3	69	20	56	36	9	42	22	485	38	70	3.03	+.6	.91	17	10.1	s.	40	w.	6	2	14	14	7.0	.0	.0	1
Tacoma	194	172	201	1,013.9	1,020.7	+3.8	47.8	−.9	69	20	55	33	2	41	23	513	----	---	2.94	+.2	.83	16	9.8	sw.	34	sw.	6	1	14	15	7.3	1.0	.0	1
Tatoosh Island	86	9	61	1,017.6	1,020.7	+5.1	45.4	−.7	54	1	49	36	6	42	11	587	40	84	5.70	+.1	1.43	22	13.5	w.	46	s.	27	6	4	20	7.4	T	.0	0
Medford [1]	1,329	29	58	973.6	1,021.3	+3.3	51.3	−.8	86	19	65	25	2	38	46	412	36	62	.43	−.9	.21	4	----	n.	---	------	--	7	11	12	6.0	T	.0	0
Portland, Oreg. [2]	154	68	106	1,016.6	1,021.7	+3.7	51.4	−.4	74	20	59	35	2	44	25	406	40	72	2.95	+.1	1.23	15	7.2	nw.	22	sw.	6	1	7	22	8.2	.0	.0	0
Roseburg	510	45	76	1,004.1	1,022.7	+4.4	51.0	.0	78	30	60	30	2	42	34	419	40	70	2.51	+.2	.58	15	4.6	n.	18	w.	7	4	12	14	6.6	T	.0	0
MIDDLE PACIFIC COAST							56.7	+1.2										63	0.74	−1.3											4.2			
Eureka	60	72	88	1,021.7	1,023.7	+4.1	48.0	−1.9	58	6	53	35	4	43	17	512	43	84	2.27	−1.1	1.55	10	9.5	n.	32	n.	1	7	8	15	6.2	.0	.0	0
Red Bluff	353	5	26	1,004.7	1,016.9	-----	62.0	+3.0	95	30	76	37	4	48	37	171	34	39	.27	−1.4	.20	2	9.6	nw.	33	n.	1	16	7	7	4.4	.0	.0	0
Sacramento	66	92	115	1,014.6	1,016.3	.0	60.7	+2.6	92	30	74	37	9	47	36	180	39	54	.08	−1.4	.08	1	8.7	nw.	36	nw.	1	18	8	4	2.9	.0	.0	0
San Francisco [2]	155	112	132	1,012.9	1,018.0	+.4	55.9	+.9	77	23	63	44	9	49	27	275	44	74	.32	−1.3	.30	2	9.7	w.	29	w.	5	17	10	3	3.2	.0	.0	0
SOUTH PACIFIC COAST							59.6	+0.1										60	0.08	−0.8											4.2			
Fresno [1]	327	5	34	1,004.1	1,015.6	.0	61.0	+.8	95	30	77	34	2	45	40	187	39	52	.12	−.8	.12	1	7.0	nw.	32	nw.	1	20	6	4	3.2	.0	.0	0
Los Angeles	338	223	250	1,004.1	1,015.6	.0	59.4	.0	81	7	68	43	9	50	26	178	40	58	.08	−1.0	.08	1	7.1	w.	27	n.	2	17	6	7	4.1	.0	.0	0
San Diego [1]	87	20	55	1,013.2	1,015.6	.0	58.4	−.6	78	6	66	41	3	50	33	200	46	69	.03	−.7	.02	2	7.3	w.	26	w.	9	10	11	9	5.2	.0	.0	0
PANAMA CANAL																																		
Balboa Heights	118	6	92	------	[3]1,015.5	.0	83.5	+.1	95	21	92	73	1	75	20	0	72	[3]77	1.84	−1.0	1.09	6	5.4	n.	25	n.	10	2	25	3	5.4	.0	.0	8
Cristobal	27	47	97	------	[3]1,009.8	.0	81.1	+.3	95	29	90	68	1	72	27	0	72	[3]76	1.05	−2.1	.42	9	6.9	n.	22	n.	19	5	14	11	6.0	.0	.0	8
ALASKA																																		
Anchorage [1]	132	6	44	1,011.2	1,016.3	-----	31.8	−3.6	52	20	42	−3	3	22	34	993	20	58	0.34	−0.1	.19	5	7.8	n.	43	n.	4	11	6	13	5.6	1.1	.0	0
Fairbanks [1]	455	5	63	1,002.4	1,020.0	-----	24.5	−4.9	51	17	36	−18	3	13	42	1,220	15	64	.09	−.2	.03	6	6.8	w.	30	w.	1	6	9	15	6.3	1.7	.0	0
Juneau [1]	80	6	32	1,013.5	1,016.6	-----	37.0	------	55	24	43	13	7	31	27	840	28	72	2.82	------	.81	16	7.8	se.	35	se.	13	1	4	25	8.4	5.9	.0	0
Nome	22	25	56	1,022.4	1,023.0	-----	18.8	−.9	40	17	27	−18	2	10	31	1,386	16	82	1.11	+.4	.74	9	7.2	e.	27	e.	6	11	6	13	5.7	11.5	23.4	0
Barrow	25	5	27	------	1,022.0	-----	4.0	+4.2	32	22	12	−19	1	−4	32	1,830	4	98	.09	.0	.04	4	11.3	se.	41	sw.	23	2	3	25	8.3	1.7	15.0	0
Bethel	28	5	31	1,020.3	1,021.7	-----	23.8	−3.6	43	22	32	−16	1	16	32	1,234	20	82	.13	−.4	.08	4	11.7	------	--	------	--	9	8	13	5.7	1.1	T	0
Gambell	32	5	32	1,021.7	1,022.7	-----	20.8	------	36	25	29	−7	3	13	19	1,326	21	94	.31	------	----	12	13.0	ne.	48	se.	6	6	7	17	7.0	8.1	11.5	0
Ketchikan	75	69	90	1,015.9	1,016.6	-----	41.3	−1.3	55	24	47	28	7	36	20	708	34	78	9.31	−1.7	1.56	23	6.8	se.	24	e.	3	2	4	24	8.2	T	.0	0
Kotzebue	20	5	31	1,022.4	1,023.0	-----	14.2	+.2	42	23	24	−23	2	5	32	1,526	12	88	.17	−.1	----	7	12.2	se.	39	se.	7	6	12	12	6.4	1.6	13.1	0
McGrath	341	5	31	1,007.5	1,020.7	-----	22.2	------	50	17	35	−28	2	10	46	1,285	16	71	.34	−.1	.29	4	----	n.	---	------	--	13	5	12	5.0	6.3	7.4	0
Northway	1,718	5	32	954.3	1,019.3	-----	20.5	------	47	17	34	−27	6	7	47	1,333	13	68	.78	------	.49	5	6.3	nw.	30	------	1	9	4	17	6.3	5.0	14.4	0
Summit	2,407	5	30	929.2	1,019.0	-----	19.0	------	47	23	30	−16	3	8	32	1,378	14	74	.31	------	.13	5	----	------	---	------	--	8	12	10	6.1	4.0	26.7	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.