CLIMATOLOGICAL DATA FOR AUGUST 1945

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	80.3	+0.5	Greensboro	102	31	Gadsden	50	27	3.06	−1.69	Lockhart	8.16	Uniontown	0.05
Arizona	79.5	+.9	Mohawk	115	23	Copper Mine	32	29	2.45	+.12	Helvetia	7.48	Tal-Wi-Wi	.05
Arkansas	78.9	−1.2	Morrilton	104	[1] 3	3 stations	48	[1] 26	3.16	−.42	Dermott	10.53	Beaty Lake	.16
California	72.0	−.3	Greenland Ranch	123	24	Ellery Lake	30	30	.46	+.36	Warner Springs	8.06	93 stations	.00
Colorado	67.0	+1.3	Eversoll Ranch	104	13	Pearl	24	22	3.23	+1.29	Guffey	10.44	2 stations	.56
Florida	81.6	+.1	3 stations	99	[1] 7	Belle Glade	61	3	8.40	+1.36	Clearwater	21.80	Nittaw	1.36
Georgia	78.8	−.7	Cedartown	99	31	Blairsville	50	29	4.53	−.70	Brunswick	14.45	Carrollton	.40
Idaho	67.1	+.8	Grand View	106	23	Landmark	20	27	.78	+.15	Driggs	3.90	3 stations	.00
Illinois	74.2	−.4	Quincy	103	[1] 1	2 stations	41	26	3.47	+.10	Galatia	15.02	Beardstown, 8 mi. s. w.	.21
Indiana	73.0	−.6	Bloomington	100	31	Frankfort	35	26	3.60	+.26	New Harmony	9.95	Berne	1.00
Iowa	72.5	+.3	Keosauqua	102	1	Decorah	41	24	3.43	−.20	Bancroft	8.17	Winterset	.56
Kansas	78.5	+.5	2 stations	110	[1] 3	St. Francis	44	22	2.35	−.83	Neosho Rapids	10.05	Lincoln	.14
Kentucky	75.5	−.4	Dix Dam	103	31	Farmers	40	27	2.47	−1.23	Uniontown	5.57	Russellville	.28
Louisiana	81.3	−.6	Plain Dealing	102	4	Tallulah	59	[1] 26	5.10	−.08	Houma	15.20	Winnsboro	1.18
Maryland-Delaware	72.5	−1.0	Fort George G. Meade	99	30	Oakland, Md	34	27	3.92	−.57	Wilmington, Del	10.67	La Plata, Md	.90
Michigan	67.3	+.2	2 stations	96	[1] 20	Watersmeet	27	26	3.23	+.45	Manistee	7.20	Harrisville	1.07
Minnesota	67.9	+.3	Argyle	100	18	Red Lake Falls	32	25	3.57	+.26	Hastings Dam	9.49	Wells	.99
Mississippi	80.3	−.5	2 stations	101	[1] 3	Duck Hill	47	27	2.67	−1.51	Yazoo City	6.74	Pelahatchee	.06
Missouri	76.8	+.2	3 stations	103	[1] 1	Black (near)	45	27	2.08	−1.74	Cape Girardeau	8.27	Kansas City (Airport)	.26
Montana	66.4	+1.4	2 stations	104	7	Summit	23	[1] 20	.80	−.28	Northeast Entrance	3.25	Seeley Lake	.01
Nebraska	73.7	+.3	Beaver City	106	17	2 stations	37	22	2.65	−.05	Nebraska City	6.78	Franklin	.68
Nevada	71.1	+.4	Overton	112	23	Sheldon	23	26	1.05	+.56	Hiko	6.15	3 stations	.00
New England	67.2	+.1	Vanceboro, Maine	98	12	2 Stations	32	24	2.70	−1.03	New Haven, Conn	6.16	Woodstock, N. H	.54
New Jersey	71.2	−.8	Flemington	97	29	Boonton	40	25	4.37	−.35	Belleplain	7.63	Toms River	1.97
New Mexico	72.6	+1.8	3 stations	108	[1] 18	Selsor Ranch	30	26	2.63	+.19	Capulin	8.70	Fruitland	.41
New York	68.2	+.5	do	95	[1] 10	2 stations	35	27	2.56	−1.14	Babylon	6.70	2 stations	.45
North Carolina	75.0	−.9	Reidsville	99	[1] 15	do	38	[1] 26	4.76	−.76	Beaufort	15.61	Reidsville	.67
North Dakota	67.1	+.6	Carson	105	18	do	32	25	1.68	−.40	Almont	3.84	Bowman	.16
Ohio	71.6	−.2	Caldwell	99	31	Millport	37	27	1.98	−1.40	Larue	5.84	Oberlin	.62
Oklahoma	80.3	−1.3	Alva	111	[1] 3	Watts	49	28	2.58	−.34	Carter Tower	7.97	Tulsa Airport	.21
Oregon	65.6	+.3	2 stations	105	[1] 5	2 stations	23	20	.33	−.09	Crescent	2.09	7 stations	.00
Pennsylvania	69.3	−1.0	do	99	[1] 30	Greenville	34	27	3.79	−.37	West Grove	8.52	Beaver Falls	.78
South Carolina	77.8	−1.1	4 stations	99	[1] 3	2 stations	52	[1] 27	5.82	+.13	Conway	12.09	Greenwood	1.55
South Dakota	71.3	+.3	2 stations	108	[1] 19	Custer	30	22	2.13	.00	Hardy Ranger Station	7.28	Bison	.00
Tennessee	76.7	−.1	Clarksville	102	2	Rugby	42	27	3.14	−.89	Newport	7.30	Memphis	.52
Texas	82.6	−.2	Gatesville	112	18	Mount Locke	51	23	3.55	+1.18	Danevang	24.01	2 stations	.00
Utah	70.1	+.3	2 stations	104	[1] 19	Coalville	32	31	2.28	+1.23	2 stations	5.40	Delta Airport	.44
Virginia	73.1	−1.0	4 stations	98	[1] 5	Burkes Garden	33	27	3.00	−1.43	Berryville	6.87	Dahlgren	.45
Washington	66.8	+1.0	Richland	106	6	Newport	27	20	.44	−.33	Paradise Ranger Station.	2.20	3 stations	.00
West Virginia	71.0	−.8	6 stations	98	22	2 stations	31	27	3.72	−.39	Hackers Creek	9.23	Branchland	.75
Wisconsin	68.3	+.6	2 stations	95	[1] 19	Laona	29	26	4.79	+1.41	Cherokee	9.18	Sparta	1.85
Wyoming	65.3	+1.2	Arvada	102	2	Snake River	23	28	1.85	+.77	Grassy Lake Dam	4.62	Nine Mile Creek	.27
Alaska (July)	54.5	−1.0	Skwentha	87	7	Point Lay	27	1	3.45	+.79	Little Port Walter	27.08	Point Hope	.30
Hawaii	70.4	+.5	2 stations	92	[1] 2	Haleakala R. S	41	10	------	+.47	Kukui	59.00	6 stations	.00

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR AUGUST 1945

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 minimum	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							67.8	+0.7										80	2.56	-1.0											5.5			
Eastport	75	67	85	1,012.5	1,015.2	+0.6	61.4	+.7	82	11	69	49	2	54	29	121	54	83	1.39	-1.6	.60	8	7.3	s.	26	e.	25	10	11	10	5.4	.0	.0	1
Greenville, Maine	1,070	6	41	976.6	1,015.9	----	63.2	+.9	89	21	77	32	24	50	41	101	57	---	1.64	-1.7	1.03	10	----	s.	--	------	--	3	21	7	----	.0	.0	3
Portland, Maine [1]	103	5	43	1,011.9	1,015.9	+.7	66.4	.0	95	21	78	45	16	55	37	53	60	84	1.25	-1.9	.64	7	7.4	s.	23	s.	17	10	13	8	5.1	.0	.0	3
Concord [1]	289	5	45	1,005.4	1,016.3	+1.1	66.6	+1.1	92	21	80	42	16	54	40	48	60	84	1.40	-2.1	.42	9	6.3	nw.	22	nw.	5	8	12	11	5.9	.0	.0	4
Burlington [1]	403	5	51	1,000.3	1,015.2	+1.3	69.4	+1.5	93	21	81	46	25	58	34	30	58	72	1.84	-1.5	.76	7	8.2	s.	28	s.	14	8	12	11	5.6	.0	.0	5
Boston [1]	124	33	62	1,011.5	1,016.3	+.7	70.8	+.9	94	29	79	55	24	62	29	17	60	72	4.27	+.6	1.52	9	9.8	sw.	28	e.	7	9	12	10	5.6	.0	.0	4
Nantucket	12	11	59	1,015.9	1,016.6	+1.0	68.0	+.2	82	30	74	56	18	62	17	8	62	86	1.72	-1.7	1.09	9	10.0	sw.	25	se.	6	11	9	11	5.7	.0	.0	2
Block Island	26	11	46	1,014.9	1,016.3	+.7	68.6	+.1	83	29	75	56	25	62	18	12	63	86	2.00	-1.7	1.59	6	12.5	sw.	34	se.	6	16	8	7	4.5	.0	.0	1
Providence [5]	159	46	60	1,010.5	1,016.6	+1.0	71.9	+.9	95	29	82	55	24	62	30	14	60	78	2.63	-.9	1.58	6	6.8	sw.	21	sw.	28	7	13	11	5.9	.0	.0	2
Hartford [1]	159	5	44	------	1,016.6	+1.0	69.6	+.7	91	21	81	51	16	59	---	24	60	78	3.83	-.5	1.93	8	6.4	s.	22	nw.	15	4	6	11	----	.0	.0	2
New Haven [1]	107	5	39	1,012.5	1,016.6	+1.0	69.4	+.8	89	22	78	51	16	60	28	16	62	78	6.16	+2.2	2.43	7	5.8	sw.	24	sw.	3	9	13	9	5.4	.0	.0	3
MIDDLE ATLANTIC							73.3	-0.2										79	2.99	-1.2											5.3			
Albany [1]	97	26	40	1,012.2	1,015.9	+.7	69.2	+.2	93	11	80	46	16	58	36	37	60	78	1.24	-1.8	.72	6	7.1	s.	26	w.	15	9	11	11	5.5	.0	.0	4
Binghamton [2]	871	60	79	985.4	1,017.3	+1.3	69.0	+1.0	91	31	80	47	16	58	32	35	60	85	2.23	-1.4	1.02	6	5.0	w.	15	w.	25	6	16	9	5.9	.0	.0	3
New York	314	415	454	1,005.1	1,016.6	+.7	72.8	-.3	92	30	80	55	25	65	21	10	60	71	2.25	-2.1	.90	5	12.0	s.	42	s.	6	14	7	10	4.9	.0	.0	3
Harrisburg [1]	374	30	49	1,003.4	1,016.9	+.6	72.0	-.6	93	30	83	52	27	61	37	9	62	75	4.76	+.7	2.17	9	6.0	sw.	23	w.	30	10	12	9	5.6	.0	.0	5
Philadelphia [1]	114	5	57	1,012.5	1,016.9	+1.0	74.1	-.7	95	30	82	55	25	66	25	5	66	82	3.75	-.9	1.53	7	6.7	sw.	20	nw.	7	15	8	8	4.9	.0	.0	5
Reading	323	47	306	1,005.1	1,016.9	-----	72.8	-.1	93	30	83	54	27	63	31	8	----	---	3.31	-.9	1.63	10	8.2	s.	29	nw.	26	10	11	10	5.5	.0	.0	4
Scranton	805	72	104	987.8	1,016.9	+1.0	69.6	-.2	91	31	80	49	16	59	30	20	----	---	5.37	+1.7	2.97	5	5.2	n.	19	se.	9	10	14	7	5.3	.0	.0	4
Atlantic City	52	37	172	1,014.6	1,016.6	+.7	72.6	+.1	92	15	79	54	27	66	25	0	66	82	4.08	-.4	1.32	8	13.7	s.	38	w.	3	9	10	12	5.8	.0	.0	6
Trenton	190	89	107	1,009.8	1,016.6	-----	72.6	-.4	93	30	82	54	25	63	28	9	62	76	2.27	-2.5	.85	7	7.2	s.	32	nw.	25	9	12	10	5.6	.0	.0	5
Baltimore [2]	123	100	215	1,012.5	1,016.9	+.6	75.8	+.3	96	22	84	57	27	67	29	1	64	74	2.48	-1.9	1.02	7	7.9	s.	30	nw.	26	16	11	4	4.3	.0	.0	4
Washington [2]	112	56	100	1,012.9	1,017.3	+1.0	75.4	+.4	96	30	85	54	27	66	34	0	65	77	1.37	-2.6	.54	7	5.4	s.	24	n.	26	11	14	6	4.6	.0	.0	3
Cape Henry	18	8	54	1,015.9	1,016.9	-----	76.6	-.3	94	15	84	62	28	70	23	0	68	80	2.79	-2.1	1.18	8	9.5	ne.	34	n.	26	11	12	8	5.2	.0	.0	4
Lynchburg [1]	686	4	50	992.9	1,017.6	+1.0	73.8	-.5	94	29	84	50	27	64	37	0	64	79	3.01	-.8	1.35	9	6.3	s.	21	sw.	6	11	11	9	5.0	.0	.0	7
Norfolk [2]	91	80	125	1,013.9	1,017.3	+1.4	77.1	-.3	92	15	84	63	27	70	25	0	68	82	3.32	-1.9	1.37	10	7.4	sw.	22	n.	26	9	13	9	5.6	.0	.0	4
Richmond	144	11	52	1,011.5	1,016.6	+.3	75.6	-.9	94	29	85	55	27	66	30	0	66	80	2.67	-1.8	.99	8	5.9	s.	19	nw.	3	9	11	11	5.2	.0	.0	4
SOUTH ATLANTIC							78.0	+0.2										83	6.18	+0.5											5.6			
Asheville	2,253	77	92	940.1	1,018.6	+1.4	72.8	+2.3	90	3	84	49	27	62	35	0	62	83	3.82	-.3	1.09	9	5.3	se.	18	ne.	31	7	13	11	5.9	.0	.0	8
Charlotte [2]	779	63	86	989.5	1,017.3	+.7	77.3	+.2	93	22	86	60	27	68	26	0	67	79	2.84	-2.2	1.07	11	5.5	ne.	24	sw.	6	9	9	13	5.9	.0	.0	3
Greensboro [1]	886	6	56	986.1	1,017.6	-----	75.6	.0	96	29	86	50	27	65	38	0	66	81	1.81	-3.4	.62	6	6.1	ne.	25	nw.	6	9	11	11	5.7	.0	.0	3
Hatteras	11	5	50	1,016.3	1,016.9	+1.0	77.2	-.8	88	7	82	63	28	72	17	0	72	85	8.58	+2.8	2.43	16	9.9	sw.	27	w.	1	8	9	14	6.3	.0	.0	8
Raleigh [1]	376	5	69	1,003.7	1,017.6	+1.3	76.2	-.8	92	22	86	56	27	67	28	0	68	86	6.25	+.8	1.95	12	5.5	sw.	26	sw.	6	8	13	10	5.6	.0	.0	4
Wilmington	72	73	107	1,011.6	1,016.9	+1.0	78.1	+.5	91	7	85	62	27	71	20	0	71	85	9.56	+3.2	1.84	20	7.3	sw.	30	sw.	7	10	9	12	5.7	.0	.0	14
Charleston [2]	48	11	92	1,014.9	1,016.6	+.3	80.7	-.3	96	7	87	68	27	75	19	0	72	88	11.57	+5.0	5.57	13	9.1	sw.	26	sw.	7	9	14	8	4.9	.0	.0	10
Columbia, S. C. [2]	347	70	91	1,004.4	1,016.9	+.6	79.2	-.4	96	22	88	60	27	70	27	0	69	80	4.05	-1.4	1.12	13	6.2	s.	24	w.	7	10	11	10	4.9	.0	.0	8
Greenville, S. C. [1]	1,040	18	36	980.4	1,017.3	-----	77.1	+1.3	94	30	86	60	28	68	29	0	66	78	5.33	-.2	2.30	9	6.5	ne.	26	ne.	17	10	9	12	5.8	.0	.0	7
Augusta [2]	182	62	77	1,009.8	1,016.6	+.3	80.4	.0	95	22	90	62	28	71	26	0	68	76	2.88	-2.2	1.36	9	4.8	s.	28	e.	22	10	13	8	5.2	.0	.0	6
Savannah [4]	65	73	152	1,014.2	1,016.6	+.3	80.4	+.5	98	7	90	61	28	71	26	0	73	88	5.79	-1.5	2.19	14	8.8	sw.	32	w.	1	7	13	11	5.6	.0	.0	8
Jacksonville [2]	43	86	110	1,015.2	1,016.9	+.6	81.0	-.7	96	8	88	67	18	74	25	0	73	84	11.65	+5.8	4.56	15	7.1	s.	28	w.	16	7	15	9	5.9	.0	.0	11
FLORIDA PENINSULA							82.2	-0.2										82	8.62	+2.4											6.1			
Key West [2]	21	10	64	1,014.6	1,015.2	.0	83.5	.0	91	20	88	72	25	78	16	0	75	78	9.42	+4.9	2.18	20	9.1	e.	30	w.	25	5	14	12	6.0	.0	.0	7
Miami [2]	25	242	249	1,014.9	1,015.9	-.7	81.0	-1.1	87	17	84	72	24	78	12	0	74	80	4.15	-1.7	1.76	13	13.0	se.	34	se.	22	5	16	10	5.8	.0	.0	8
Tampa [1]	35	6	43	1,014.6	1,016.3	+.4	82.0	+.5	93	7	89	72	18	75	19	0	74	86	12.28	+4.1	2.91	21	8.7	e.	37	se.	20	3	18	10	6.4	.0	.0	25
EAST GULF							80.6	+0.6										80	3.86	-1.5											5.6			
Atlanta [1]	1,173	33	72	976.0	1,016.6	+.3	78.2	+.2	94	3	88	62	28	69	25	0	67	76	1.33	-3.4	.58	8	7.9	e.	30	nw.	16	9	12	10	5.5	.0	.0	11
Macon [2]	370	79	87	1,003.1	1,016.3	.0	79.7	-.2	95	6	89	59	28	70	29	0	69	78	3.57	-.8	1.52	8	5.2	e.	18	nw.	7	6	14	11	6.0	.0	.0	7
Thomasville	273	49	58	1,006.4	1,016.6	+.7	81.0	.0	94	6	90	66	29	72	23	0	---	---	5.03	-.7	.85	15	---	------	--	------	--	2	16	13	---	.0	.0	9
Apalachicola	35	11	51	1,014.2	1,015.6	-----	81.4	+.2	91	8	87	70	19	76	18	0	74	81	5.04	-2.5	1.76	15	7.2	se.	29	e.	28	7	10	14	6.2	.0	.0	15
Pensacola	56	54	79	1,013.5	1,015.6	+.4	82.2	+1.3	95	2	89	72	30	75	18	0	74	82	5.14	-2.9	1.09	13	6.6	se.	26	nw.	8	8	19	4	4.9	.0	.0	14
Anniston	741	9	----	------	------	----	77.6	-.6	94	2	88	57	27	67	31	0	---	---	4.79	+.7	2.66	9	----	se.	---	------	--	13	14	4	----	.0	.0	4
Birmingham [1]	700	5	62	991.9	1,016.6	+1.0	79.4	+.9	98	2	90	60	26	68	32	0	68	76	3.45	------	1.25	8	6.4	e.	24	nw.	15	9	17	5	4.9	.0	.0	5
Mobile [2]	57	86	161	1,013.9	1,015.6	+.4	82.6	+1.6	95	1	91	70	9	74	22	0	72	82	4.23	-2.7	1.78	13	5.5	e.	21	w.	8	7	16	8	5.9	.0	.0	13
Montgomery [2]	218	92	105	1,008.1	1,015.9	+.3	81.4	+.6	95	2	91	67	29	72	25	0	71	82	2.55	-1.7	1.63	6	6.2	e.	28	s.	15	11	12	8	5.0	.0	.0	8
Meridian [2]	375	67	92	1,002.7	1,015.9	+.7	80.6	+1.1	96	31	91	62	27	70	29	0	70	81	3.41	-1.1	1.95	7	4.6	e.	25	se.	23	9	18	4	5.0	.0	.0	7
Vicksburg [2]	247	82	102	1,006.8	1,015.6	+.4	80.7	-.1	95	4	89	66	9	72	23	0	72	89	3.22	-.2	1.36	7	6.3	n.	24	s.	13	6	14	11	5.8	.0	.0	5
New Orleans [4]	53	50	84	1,013.2	1,015.2	.0	82.9	+1.7	95	7	90	74	21	76	20	0	74	78	4.14	-1.7	1.32	12	5.4	se.	29	e.	3	2	18	11	6.6	.0	.0	9
WEST GULF							82.7	+2.2										76	4.91	+1.7											5.9			
Shreveport [1]	249	5	64	1,006.4	1,015.2	+.3	81.8	+.1	97	14	91	65	10	73	26	0	72	80	1.26	-1.4	.58	9	6.2	e.	33	nw.	18	5	13	13	6.3	.0	.0	8
Fort Smith	463	57	82	999.0	1,014.9	.0	80.6	+.1	101	4	90	62	28	71	29	0	69	73	2.78	-.5	1.03	8	5.5	e.	45	n.	18	13	9	9	4.7	.0	.0	7
Little Rock [1]	357	26	58	1,003.4	1,015.9	+.7	80.0	+.2	99	3	90	59	27	70	28	0	69	76	2.99	-.8	1.34	8	5.7	sw.	26	w.	18	10	12	9	5.5	.0	.0	9
Austin [1]	605	10	41	992.9	1,013.5	-----	83.6	-.2	104	18	94	68	23	73	30	0	70	72	5.78	+3.7	4.68	5	8.3	s.	34	nw.	28	4	20	7	5.9	.0	.0	9
Brownsville [1]	57	5	54	1,010.2	1,011.9	-----	84.2	+.3	97	18	93	72	21	76	22	0	74	80	5.61	+2.8	3.30	13	10.6	se.	40	nw.	26	4	14	13	6.7	.0	.0	4
Corpus Christi [1]	20	4	33	1,012.5	1,012.9	-.6	83.2	+1.6	97	17	91	72	22	75	24	0	74	81	5.96	------	4.47	6	11.3	se.	56	n.	26	4	21	6	5.5	.0	.0	6
Dallas [1]	512	5	45	996.6	1,014.6	-----	83.2	-.3	103	18	93	66	25	73	29	0	69	69	1.35	-1.4	.81	3	8.5	e.	29	s.	29	11	11	9	5.3	.0	.0	2
Fort Worth [1]	679	40	56	990.9	1,014.6	+.7	83.2	+.5	104	18	93	65	25	74	27	0	68	66	.62	-2.0	.42	3	9.3	e.	28	nw.	22	10	14	7	5.0	.0	.0	3
Galveston [2]	54	106	114	1,012.2	1,014.2	-.4	82.6	-.4	94	4	87	72	18	78	18	0	76	82	13.18	+8.9	8.33	19	10.1	s.	45	se.	27	2	19	10	6.6	.0	.0	11
Houston [2]	138	157	190	1,009.1	1,013.5	-----	83.6	+.4	102	18	92	69	18	75	33	0	74	84	11.13	+7.0	9.06	13	9.4	se.	41	ne.	18	1	14	16	7.0	.0	.0	11
Palestine	510	64	72	997.0	1,014.6	-.3	81.5	-.3	100	18	90	65	20	72	25	0	70	74	2.52	+.4	1.15	8	5.6	e.	26	ne.	18	6	13	12	6.1	.0	.0	6
Port Arthur [2]	34	59	134	1,013.2	1,014.2	-----	83.0	-.2	96	3	90	70	20	76	21	0	74	86	10.50	+4.5	7.52	14	11.1	e.	45	ne.	19	1	22	8	6.4	.0	.0	15
San Antonio [1]	693	8	51	989.5	1,013.2	-.3	84.6	+1.1	104	18	96	69	24	73	32	0	69	68	1.19	-1.2	.93	5	8.4	se.	33	se.	26	2	19	10	6.3	.0	.0	2
OHIO VALLEY AND TENNESSEE							74.6	+0.4										77	2.48	-1.0											4.6			
Chattanooga [1]	762	6	66	989.8	1,016.9	+1.0	77.5	+1.8	96	2	89	56	27	66	34	0	68	82	4.22	+.2	1.63	10	5.0	s.	33	nw.	6	12	11	8	4.8	.0	.0	9
Knoxville [1]	995	27	53	982.1	1,017.3	+.7	77.2	+1.8	96	31	88	56	27	66	33	0	66	78	2.14	-1.8	.85	8	5.3	ne.	28	nw.	15	16	9	6	4.1	.0	.0	6
Memphis [4]	399	5	86	1,001.7	1,015.6	+.4	79.9	+1.5	98	31	90	58	27	70	32	0	70	78	.52	-2.8	.30	3	6.2	e.	14	sw.	6	11	16	4	4.5	.0	.0	6
Nashville [1]	546	5	72	997.0	1,016.3	+.4	78.6	+.8	98	2	90	51	27	68	39	0	66	74	1.83	-1.9	.78	6	6.2	s.	21	s.	4	13	11	7	4.5	.0	.0	5
Lexington	989	4	28	982.1	1,017.3	+1.0	74.6	+.1	96	31	86	48	26	63	38	0	63	74	1.55	-1.9	.54	6	----	n.	---	------	--	14	8	9	4.3	.0	.0	3

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR AUGUST 1945—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 minimum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	° F.	° F.	°F.		F.°	F.		° F.	°F.		° F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
OHIO VALLEY AND TENNESSEE—Con.																																		
Louisville [1]	525	106	120	998.0	1,017.3	+1.4	75.6	−.5	95	31	87	51	26	64	35	2	64	74	1.68	−1.7	.94	5	6.2	n.	20	nw.	25	16	9	6	4.3	.0	.0	2
Evansville [1]	431	11	40	1,001.4	1,016.9	+1.3	74.6	−.4	95	2	85	50	26	65	34	3	65	79	5.39	+2.0	1.49	8	6.1	n.	24	w.	14	14	7	10	4.9	.0	.0	6
Indianapolis [1]	823	5	54	987.8	1,017.3	+1.4	72.1	−.3	92	30	83	48	26	62	32	5	62	78	2.80	----	1.07	10	7.7	sw.	34	w.	5	13	11	7	4.7	.0	.0	7
Terre Haute [2]	575	68	149	996.6	1,017.3	----	75.0	−.2	95	1	85	51	26	65	28	1	64	78	3.62	+.4	.99	9	7.8	s.	28	n.	1	15	7	9	4.4	.0	.0	6
Cincinnati [3]	627	11	51	994.6	1,017.3	+1.0	74.4	+.8	97	31	86	50	27	63	37	4	64	77	1.25	−2.2	.56	7	5.6	ne.	15	w.	14	12	11	8	4.6	.0	.0	5
Columbus [2]	822	90	110	988.2	1,017.6	+1.3	73.8	+.8	94	31	84	50	26	63	33	3	62	76	1.87	−1.4	1.34	8	7.3	s.	31	sw.	11	13	8	10	5.0	.0	.0	2
Dayton [1]	1,003	6	55	981.7	1,017.3	----	72.4	−.5	92	31	82	47	26	62	31	10	62	74	2.53	−.7	1.84	6	8.1	n.	31	nw.	1	14	9	8	4.6	.0	.0	2
Elkins [1]	1,947	4	45	950.2	1,018.3	+1.7	67.6	−.7	88	31	80	41	27	55	43	17	62	90	2.54	−1.3	1.57	7	4.5	nw.	22	nw.	25	11	7	13	5.5	.0	.0	4
Parkersburg	637	77	84	994.2	1,017.3	+1.0	73.8	−.1	94	31	85	47	27	63	38	1	62	72	3.12	−.4	1.77	6	5.3	se.	17	nw.	25	14	10	7	4.2	.0	.0	2
Pittsburgh [1]	842	39	54	986.8	1,017.3	+1.0	72.2	+.9	94	31	83	50	27	62	34	7	59	70	2.50	−.7	1.19	9	8.1	s.	26	nw.	25	12	12	7	5.0	.0	.0	4
LOWER LAKES							70.4	+1.3										74	1.90	−1.1											5.2			
Buffalo [1]	768	34	96	988.8	1,016.6	+1.0	69.8	+1.4	91	11	80	47	27	60	31	24	59	74	1.18	−1.9	.58	7	10.8	sw.	37	sw.	28	6	16	9	5.6	.0	.0	4
Canton	448	10	61	999.0	1,015.2	----	67.6	+1.1	86	14	78	48	5	57	33	40	56	72	2.03	−1.6	.89	8	7.0	w.	26	w.	28	11	9	11	5.3	.0	.0	6
Oswego	335	71	85	1,003.7	1,015.9	+.3	68.8	+1.0	88	13	76	52	16	61	22	22	59	74	2.11	−.5	1.36	10	7.8	se.	25	nw.	26	9	14	8	5.0	.0	.0	7
Rochester [1]	523	5	69	997.3	1,016.6	+1.0	69.3	+1.4	90	21	80	47	16	59	29	27	59	76	1.43	−1.4	.52	9	7.9	sw.	33	nw.	28	7	14	10	5.6	.0	.0	7
Syracuse [1]	596	5	57	994.6	1,016.6	+1.0	69.4	+2.1	90	21	80	49	17	59	32	31	60	76	2.02	−.8	.61	12	8.0	sw.	30	s.	31	8	12	11	5.9	.0	.0	5
Erie [2]	714	57	81	991.2	1,016.9	+.6	71.6	+2.0	91	13	79	52	27	64	23	6	60	76	2.26	−1.0	.89	6	6.2	w.	21	sw.	14	8	16	7	5.4	.0	.0	4
Cleveland [1]	762	27	54	989.5	1,016.9	+.8	72.0	+1.8	93	31	83	49	27	61	35	7	59	69	1.61	−1.2	.57	8	8.4	s.	31	sw.	14	9	14	8	5.0	.0	.0	5
Sandusky	629	5	67	994.2	1,016.9	+.6	73.0	+1.2	95	31	83	51	27	63	35	1	----	---	2.39	−.8	.96	7	7.3	sw.	24	sw.	14	13	11	7	4.8	.0	.0	4
Toledo [1]	628	5	47	994.2	1,017.3	+1.4	70.7	+.5	94	30	83	45	26	59	38	11	60	74	1.64	−1.2	1.41	7	8.6	sw.	42	nw.	29	10	13	8	5.0	.0	.0	5
Fort Wayne [1]	857	5	33	986.1	1,017.3	----	70.4	−.5	92	30	81	46	26	60	33	15	60	76	2.64	−.5	.92	9	6.2	sw.	26	nw.	25	12	12	7	4.8	.0	.0	7
Detroit [1]	730	5	78	990.9	1,017.6	+1.3	71.5	+2.3	93	30	82	50	26	61	31	11	58	68	1.54	−1.2	.84	6	7.7	n.	38	nw.	29	11	13	7	5.2	.0	.0	3
UPPER LAKES							67.8	+1.8										75	4.27	+1.4											5.1			
Alpena	609	5	89	994.2	1,016.9	+1.0	66.4	+2.3	87	20	75	46	24	58	29	52	57	76	4.30	+1.4	2.15	10	9.1	nw.	29	nw.	25	12	13	6	4.7	.0	.0	6
Escanaba	612	51	72	994.2	1,016.6	+1.0	65.4	+1.1	84	2	74	41	26	57	28	61	56	76	4.55	+1.4	2.06	9	9.9	s.	35	nw.	14	16	7	8	4.6	.0	.0	4
Grand Rapids [2]	707	70	244	991.2	1,016.6	+.7	71.0	+1.3	92	30	81	47	26	61	27	14	58	74	2.39	−.2	1.03	9	9.0	sw.	37	s.	28	10	11	10	5.2	.0	.0	7
Lansing [2]	878	5	90	985.4	1,017.3	----	67.7	−.8	86	2	78	46	26	58	28	36	58	70	6.31	+3.5	2.21	9	6.4	n.	28	nw.	29	11	12	8	5.4	.0	.0	6
Marquette	734	44	73	988.8	1,015.9	+.7	66.6	+2.8	95	19	76	44	26	57	31	58	56	72	3.88	+1.2	1.53	13	8.4	s.	25	s.	26	10	10	11	5.6	.0	.0	8
Sault Sainte Marie [1]	614	11	52	993.6	1,016.3	+.7	64.6	+3.8	87	19	76	43	26	54	31	75	55	80	3.88	+1.2	1.15	9	10.1	nw.	31	nw.	2	13	7	11	5.2	.0	.0	4
Chicago [1]	673	5	36	992.6	1,016.6	+.7	72.0	+.4	94	31	82	51	26	62	31	6	61	74	4.23	+1.2	1.46	10	7.7	s.	26	w.	31	14	7	10	4.9	.0	.0	8
Green Bay	617	90	123	994.2	1,016.9	+1.3	69.4	+1.7	90	19	79	48	23	60	28	27	58	72	3.96	+.8	2.11	8	8.4	s.	24	nw.	14	6	16	9	5.8	.0	.0	5
Milwaukee [1]	681	33	66	992.2	1,016.9	+1.0	69.4	+1.8	90	31	79	50	26	60	31	16	60	76	4.07	+1.4	.83	10	10.1	sw.	40	nw.	31	11	12	8	5.2	.0	.0	6
Duluth [2]	1,133	5	47	974.9	1,015.9	+1.0	65.7	+3.1	88	18	74	46	25	57	28	53	56	78	5.09	+1.9	1.26	11	9.9	nw.	32	ne.	31	12	14	5	4.5	.0	.0	6
NORTH DAKOTA							67.9	+2.0										65	2.03	−0.1											4.6			
Fargo [1]	940	5	43	980.7	1,014.6	.0	68.3	+2.2	98	17	80	39	25	56	38	22	56	68	3.28	+.4	1.03	5	10.5	s.	29	w.	5	12	12	7	4.8	.0	.0	5
Bismarck [1]	1,677	5	43	955.3	1,014.6	+.7	69.0	+2.3	98	18	83	45	22	55	40	19	54	65	2.76	+.9	1.56	8	9.5	nw.	34	se.	25	11	17	3	4.5	.0	.0	11
Devils Lake	1,478	11	44	962.1	1,014.9	+1.0	66.5	+1.7	98	18	79	43	25	54	36	44	52	68	1.75	−.7	1.04	7	7.2	s.	19	w.	27	13	13	5	4.4	.0	.0	7
Grand Forks [1]	832	4	41	984.4	1,014.6	----	67.0	----	99	17	80	38	25	54	41	35	54	70	2.13	----	.58	11	----	n.	---	----	--	13	9	9	----	.0	.0	8
Williston	1,878	42	50	947.9	1,013.2	−.3	67.8	+1.7	98	18	81	44	14	54	43	38	48	56	.33	−1.1	.21	6	7.0	se.	26	w.	27	11	14	6	4.6	.0	.0	4
UPPER MISSISSIPP							73.5	+1.0										74	2.91	−0.4											5.0			
Minneapolis-St. Paul [1]	919	43	74	982.4	1,015.2	+.3	71.0	+1.1	94	29	81	50	25	61	32	3	61	76	2.27	−.8	1.86	7	8.9	se.	32	w.	31	8	17	6	5.0	.0	.0	3
Springfield, Minn.	1,025	4	42	979.0	1,015.6	----	----	----	---	---	---	---	---	---	---	----	60	73	3.27	----	1.33	9	----	se.	---	----	--	15	9	7	----	.0	.0	7
La Crosse [1]	714	5	29	990.2	1,016.3	+1.1	69.2	−.2	91	30	80	45	23	58	29	26	62	80	2.11	−1.6	.64	13	7.0	s.	27	nw.	24	9	15	7	5.1	.0	.0	9
Madison [2]	974	70	78	982.1	1,016.9	+1.3	70.8	+1.0	90	31	79	51	26	62	25	12	60	76	3.92	+.7	.90	11	6.5	s.	22	sw.	31	10	13	8	5.3	.0	.0	10
Charles City	1,015	10	51	980.7	1,016.9	+2.0	69.9	+.8	90	29	80	48	25	60	28	15	----	---	2.50	−1.0	1.09	9	5.2	se.	18	s.	26	15	10	6	4.2	.0	.0	6
Moline [1]	606	6	50	994.9	1,016.9	+1.7	73.2	+1.5	97	30	84	48	24	62	31	9	62	72	3.86	+.4	2.24	9	7.2	e.	27	nw.	14	9	13	9	5.5	.0	.0	9
Des Moines [2]	860	5	99	985.8	1,016.6	+1.7	74.2	+1.1	96	30	84	53	24	64	31	0	62	72	3.30	−.2	1.69	9	8.1	se.	31	sw.	13	10	14	7	4.9	.0	.0	7
Dubuque	699	60	79	991.5	1,016.6	+1.4	72.6	+.9	93	30	82	51	26	63	28	5	61	74	3.26	.0	1.63	9	4.6	s.	15	sw.	31	9	14	8	5.1	.0	.0	8
Burlington [1]	702	4	36	991.5	1,016.6	+1.4	75.0	+1.0	101	30	87	50	24	63	36	0	62	72	1.52	−2.0	.62	10	8.8	s.	33	sw.	31	8	14	9	5.5	.0	.0	7
Cairo	357	5	99	1,003.7	1,016.6	+1.0	78.5	−.3	98	2	88	57	26	69	26	0	----	---	3.28	+.3	1.36	9	6.8	ne.	32	ne.	2	9	15	7	4.7	.0	.0	8
Peoria [1]	609	6	26	995.3	1,016.9	+1.3	74.0	+2.5	98	30	85	50	24	63	35	4	62	72	1.11	−2.0	.56	4	8.0	s.	32	w.	5	12	11	8	5.0	.0	.0	5
Springfield, Ill. [3]	636	5	191	994.2	1,016.9	+1.3	76.0	+1.5	97	1	86	54	26	66	29	0	63	76	3.36	+.2	1.93	4	9.9	s.	27	n.	5	10	13	8	5.1	.0	.0	4
St. Louis [2]	568	35	303	996.6	1,016.6	+1.0	78.0	+.5	97	30	87	59	23	69	---	0	----	68	4.38	+1.4	2.60	8	9.4	sw.	27	sw.	31	13	12	6	----	.0	.0	5
MISSOURI VALLEY							76.0	+2.0										69	1.71	−1.6											4.3			
Columbia, Mo. [2]	784	6	66	988.5	1,016.3	+1.4	77.2	+.9	99	5	88	54	24	66	30	0	63	70	2.66	−.9	1.22	7	6.0	s.	22	n.	11	15	14	2	3.9	.0	.0	9
Kansas City [1]	963	39	76	981.4	1,015.2	+.3	79.7	+3.1	100	2	90	56	24	69	31	0	62	62	.26	−3.3	.17	3	9.5	sw.	27	sw.	31	18	9	4	3.6	.0	.0	1
St. Joseph [2]	967	11	49	981.4	1,015.2	----	77.6	+1.1	98	1	88	55	24	67	31	0	65	70	1.21	−2.6	.50	5	7.3	s.	19	nw.	14	23	6	2	2.6	.0	.0	4
Springfield, Mo. [1]	1,324	5	67	970.2	1,016.6	+1.7	76.6	+1.6	97	4	88	53	24	66	33	0	65	73	1.81	−2.3	1.05	5	8.8	s.	29	ne.	18	13	10	8	4.7	.0	.0	4
Topeka	987	65	87	980.7	1,015.6	----	79.6	+3.4	102	2	91	57	24	68	32	0	64	68	.87	−3.2	.63	3	7.8	s.	23	sw.	26	10	14	7	4.7	.0	.0	2
Lincoln [2]	1,189	11	81	972.9	1,014.6	+.4	77.1	+2.7	99	29	88	56	8	67	31	0	64	71	3.47	−.1	1.05	9	8.5	s.	25	sw.	31	11	12	8	4.7	.0	.0	8
Omaha [1]	1,105	5	68	976.3	1,015.2	+.6	76.2	+3.0	96	18	86	55	23	66	29	0	65	72	1.34	−1.7	.90	9	9.9	s.	31	ne.	2	13	11	7	4.8	.0	.0	7
Valentine	2,598	46	54	924.8	1,015.2	+1.3	72.1	+.4	98	17	85	44	22	59	41	16	55	62	2.69	+.5	.98	8	8.4	s.	36	nw.	19	13	12	6	4.7	.0	.0	9
Sioux City [1]	1,138	5	40	974.9	1,015.2	+1.0	72.8	+1.7	95	29	84	48	23	61	33	10	64	76	1.47	−1.7	.60	8	8.6	s.	27	nw.	2	12	12	7	4.6	.0	.0	7
Huron [1]	1,301	5	41	968.5	1,014.6	+.4	71.4	+2.0	97	17	84	47	25	58	37	11	58	70	1.35	−1.1	.36	11	10.8	s.	34	s.	19	13	11	7	4.7	.0	.0	14
NORTHERN SLOPE							69.1	+2.6										53	1.65	+0.5											4.3			
Billings [1]	3,570	16	40	892.3	1,013.9	----	70.9	+.3	95	17	85	42	21	57	38	22	50	54	1.18	----	.55	4	9.6	sw.	39	nw.	10	17	8	6	4.0	.0	.0	4
Havre	2,507	11	67	926.2	1,013.9	+1.0	70.0	+4.6	94	17	85	46	22	55	44	10	44	48	1.21	.0	.46	5	8.6	e.	29	sw.	25	13	12	6	4.5	.0	.0	7
Helena [1]	4,124	5	43	874.7	1,013.5	.4	67.8	+3.2	94	2	84	41	21	51	43	26	42	47	.46	−.3	.19	8	8.2	w.	35	s.	25	13	14	4	4.1	.0	.0	7
Missoula [1]	3,263	4	32	902.5	1,014.2	----	68.1	+3.9	97	2	86	36	21	50	45	22	39	42	.16	−.6	.08	5	6.7	nw.	37	n.	10	17	11	3	3.3	.0	.0	4
Kalispell	2,973	48	56	911.6	1,012.2	−1.3	66.4	+3.6	94	24	82	41	20	51	40	43	42	46	.82	.0	.72	4	6.0	w.	21	sw.	3	17	11	3	3.6	.0	.0	3
Miles City [1]	2,371	5	78	930.9	1,013.2	−.3	71.6	----	99	3	87	41	21	56	41	18	48	50	1.23	----	.68	7	----	ne.	---	----	--	17	7	7	4.1	.0	.0	5
Rapid City [1]	3,259	5	63	903.2	1,014.2	+.7	70.9	+1.4	100	30	85	46	22	57	40	21	52	58	4.40	+2.7	1.33	12	12.3	nw.	45	nw.	30	16	11	4	3.9	.0	.0	12
Cheyenne [1]	6,094	5	40	817.5	1,015.2	+2.0	66.8	+1.2	92	18	80	41	21	53	40	44	50	63	1.35	−.2	.45	14	8.5	nw.	30	w.	25	7	14	10	5.8	.0	.0	14
Lander	5,352	60	68	837.8	1,013.9	+.7	66.9	+1.4	93	1	84	41	28	50	46	29	46	52	.55	.0	.23	6	4.8	sw.	35	w.	13	14	12	5	4.3	.0	.0	8
Sheridan [1]	3,790	5	38	885.9	1,014.6	----	70.2	+3.7	98	2	86	44	22	54	44	22	46	53	2.00	+1.1	.86	9	7.0	nw.	58	nw.	13	14	12	5	4.4	.0	.0	9
North Platte [2]	2,821	11	51	917.7	1,014.2	+.3	73.4	+2.6	98	17	85	46	22	62	38	20	60	72	3.90	+1.5	1.86	11	6.7	se.	19	s.	12	12	10	9	5.0	.0	.0	11

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR AUGUST 1945—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 minimum	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							77.3	+0.7										67	2.58	0.0											4.5			
Denver [2]	5,292	106	113	841.5	1,014.9	+1.7	71.8	+1.1	94	18	83	48	21	60	37	17	53	64	1.44	.0	.41	14	6.5	s.	35	nw.	8	7	17	7	5.3	.0	.0	14
Pueblo [1]	4,690	5	36	859.8	1,014.9	+2.0	72.6	-.1	95	19	87	50	28	58	39	10	56	68	3.93	+2.1	1.95	11	6.7	se.	38	nw.	27	7	15	9	5.5	.0	.0	14
Concordia	1,392	50	58	966.1	1,014.2	.0	78.2	+1.7	101	4	89	55	22	67	33	3	64	68	1.55	-1.4	.67	9	7.4	s.	25	sw.	28	15	11	5	4.3	.0	.0	5
Dodge City [1]	2,509	5	58	928.5	1,013.5	.0	78.4	+.7	104	4	91	53	22	66	35	5	61	62	3.42	+.8	1.93	6	13.7	s.	49	nw.	6	15	9	7	4.1	.0	.0	6
Wichita [1]	1,358	6	64	967.8	1,014.9	+.7	79.1	+.8	101	5	90	58	23	68	31	0	64	66	4.11	+1.0	2.16	6	12.3	s.	55	nw.	13	17	8	6	4.1	.0	.0	8
Oklahoma City [2]	1,214	10	47	972.6	1,014.9	+1.0	80.4	+.7	100	18	90	63	24	70	26	0	66	68	3.43	+.5	2.69	3	7.5	s.	16	s.	13	19	5	7	3.8	.0	.0	3
Tulsa [1]	674	10	60	991.2	1,014.9	-----	80.4	+.3	99	17	91	60	24	69	30	0	67	71	.21	-3.1	.10	4	8.9	s.	34	ne.	18	14	10	7	4.3	.0	.0	2
SOUTHERN SLOPE							81.4	+2.4										61	2.07	-0.2											4.5			
Abilene [1]	1,738	4	59	953.9	1,012.5	-.7	82.0	+1.7	104	18	94	63	24	71	32	0	67	68	.75	-1.5	.49	2	11.9	s.	33	se.	29	9	12	10	5.2	.0	.0	3
Amarillo [1]	3,676	5	42	892.0	1,013.9	+.7	77.4	+2.8	100	19	90	53	22	64	33	4	60	65	5.17	+2.1	4.26	9	13.1	s.	34	sw.	13	16	10	5	3.9	.0	.0	8
Del Rio	960	63	71	979.0	1,010.8	-1.7	86.9	+2.7	103	19	97	70	20	76	32	0	67	58	.57	-1.2	.31	4	9.2	se.	30	nw.	20	11	19	1	4.4	.0	.0	4
Roswell	3,566	75	85	894.0	1,012.9	+1.0	79.2	+2.6	101	19	92	58	26	66	36	0	57	54	1.79	-.4	1.14	7	7.3	s.	42	se.	20	16	7	8	4.5	.0	.0	8
SOUTHERN PLATEAU							82.3	+2.3										52	2.14	+0.6											4.3			
El Paso [1]	3,778	39	85	886.6	1,010.2	-.3	81.5	+3.5	101	19	94	60	24	69	31	0	60	52	.84	-.9	.36	10	8.4	se.	34	e.	3	16	11	4	4.1	.0	.0	10
Albuquerque [1]	5,314	5	45	840.2	1,010.8	-----	78.2	+4.3	97	5	91	60	22	65	30	0	52	46	2.27	+1.0	.88	8	9.6	se.	39	s.	11	15	13	3	4.1	.0	.0	11
Flagstaff	6,907	36	51	795.1	1,016.3	+5.8	67.2	+3.2	89	21	83	47	25	52	37	5	50	66	2.91	+.2	.80	10	----	n.	---	------	--	10	14	7	5.2	.0	.0	16
Tucson [1]	2,555	5	39	924.5	1,009.5	-----	84.2	.0	105	30	96	66	6	72	32	0	64	56	4.31	+2.0	1.47	12	----	s.	---	------	--	9	20	2	4.6	.0	.0	10
Yuma	142	9	54	1,003.4	1,007.5	-.3	92.0	+1.6	113	22	105	72	30	79	37	0	66	51	1.61	+1.1	1.35	3	5.1	s.	25	ne.	16	18	8	5	3.6	.0	.0	5
MIDDLE PLATEAU							71.1	+0.4										43	1.70	+1.0											3.8			
Reno [1]	4,527	20	52	862.9	1,013.2	+2.7	67.6	+1.9	99	1	90	36	26	46	54	26	40	49	.23	.0	.17	2	6.3	nw.	31	w.	24	21	6	4	2.7	.0	.0	1
Tonopah	6,090	9	20	816.1	1,011.0	-----	69.9	-2.1	92	1	82	46	26	58	33	11	39	38	1.39	+.8	1.22	5	----	se.	---	------	--	21	6	4	----	.0	.0	1
Winnemucca	4,339	5	56	867.9	1,012.2	+.3	70.8	+1.5	97	1	90	40	26	52	51	14	36	34	.25	.0	.13	4	7.1	sw.	25	nw.	29	21	4	6	3.0	.0	.0	5
Modena	5,473	10	46	835.8	1,012.5	+1.3	68.8	-.4	92	23	84	43	28	53	47	3	-----	---	3.39	+2.1	1.07	12	8.4	sw.	30	nw.	10	14	11	6	4.2	.0	.0	10
Salt Lake City [1]	4,227	32	58	868.3	1,012.2	-.7	73.5	+.7	94	1	87	48	27	60	40	1	50	50	3.28	+2.4	1.47	13	10.2	se.	49	w.	19	11	17	3	4.3	.0	.0	15
Grand Junction	4,602	60	68	861.2	1,013.9	+1.4	76.2	+.8	97	19	88	58	28	64	33	0	51	46	1.63	+.5	.52	13	6.4	se.	29	nw.	14	12	12	7	4.9	.0	.0	16
NORTHERN PLATEAU							71.5	+2.4										44	0.47	0.0											3.3			
Baker [2]	3,471	36	54	895.7	1,014.6	+.4	66.5	+1.9	95	22	85	39	26	48	48	49	40	52	.43	-.1	.25	5	5.8	n.	28	w.	10	18	8	5	3.5	.0	.0	4
Boise [1]	2,739	5	49	918.4	1,011.5	-2.0	73.4	+2.4	99	24	89	42	26	58	42	16	38	32	.08	-.1	.08	1	9.2	nw.	38	s.	8	19	8	4	3.3	.0	.0	1
Pocatello [1]	4,478	5	31	864.9	1,014.6	+1.4	69.8	+.9	95	16	86	42	29	54	48	11	44	46	1.51	+1.0	.77	7	8.4	s.	47	nw.	30	12	15	4	3.8	.0	.0	13
Spokane [1]	1,929	27	42	945.5	1,013.2	-1.0	69.4	+1.3	96	6	86	40	20	53	46	24	44	47	.55	-.1	.32	5	6.5	ne.	26	sw.	18	18	10	3	3.0	.0	.0	4
Walla Walla	991	57	65	977.7	1,012.5	-2.1	75.5	+2.8	98	6	89	49	27	62	43	5	-----	---	.06	-.4	.04	3	5.0	s.	20	e.	10	19	7	5	3.3	.0	.0	4
Yakima	1,076	58	67	974.9	1,013.2	-----	74.3	+4.8	98	8	88	48	26	60	39	8	-----	---	.17	.0	.17	2	6.8	nw.	21	n.	18	20	10	1	3.0	.0	.0	2
NORTH PACIFIC COAST							64.0	+0.2										71	0.58	-0.2											5.3			
North Head	211	5	55	1,010.5	1,017.6	+.7	55.0	-2.6	68	8	59	46	5	51	13	313	53	92	.34	-.7	.11	10	12.1	n.	34	n.	18	4	6	21	7.7	.0	.0	1
Seattle [2]	125	90	321	1,012.5	1,016.6	+.7	64.8	-.3	86	6	75	50	30	55	30	44	52	69	.33	-.4	.33	1	6.9	n.	22	s.	25	7	18	6	5.3	.0	.0	0
Tacoma	194	172	201	1,010.2	1,016.6	.0	63.3	+.7	84	6	72	49	30	54	26	76	-----	---	.62	-.1	.52	2	7.2	n.	20	sw.	24	10	17	4	4.8	.0	.0	1
Tatoosh Island	86	9	61	1,015.2	1,018.0	+2.1	53.9	-1.4	61	21	58	46	20	50	15	343	52	94	.96	-1.1	.34	14	10.6	s.	27	s.	16	5	2	24	7.8	.0	.0	0
Medford [1]	1,329	29	58	967.2	1,012.9	-----	72.6	+1.5	101	21	91	45	26	55	46	6	48	50	1.13	+1.0	1.13	1	----	nw.	---	------	--	19	6	6	3.2	.0	.0	2
Portland, Oreg. [2]	154	68	106	1,010.5	1,015.9	-.4	68.8	+2.1	98	5	79	52	30	58	34	14	54	65	.52	-.1	.49	4	6.8	nw.	17	nw.	4	11	11	9	4.9	.0	.0	0
Roseburg	510	45	76	997.0	1,014.9	-1.0	69.3	+1.3	100	21	84	45	30	54	46	7	51	58	.15	-.2	.09	2	4.6	n.	17	n.	3	19	9	3	3.5	.0	.0	1
MIDDLE PACIFIC COAST							66.9	0.0										62	0.02	0.0											4.3			
Eureka	60	72	88	1,014.9	1,016.9	+1.0	55.6	-.4	70	20	60	48	20	52	22	292	51	88	.10	-.1	.07	4	6.3	n.	18	n.	10	1	8	22	8.0	.0	.0	0
Red Bluff [1]	353	5	26	998.6	1,010.8	-----	79.6	-.1	104	1	96	55	13	63	39	0	41	28	T	.0	T	0	6.7	se.	26	nw.	24	23	8	0	2.3	.0	.0	1
Sacramento	66	92	115	1,009.5	1,011.2	+.4	73.8	+.9	101	21	90	51	13	57	42	0	48	50	T	.0	T	0	7.5	s.	17	sw.	12	26	4	1	1.4	.0	.0	0
San Francisco [2]	155	112	132	1,008.8	1,013.9	+.7	58.6	-.5	77	18	64	51	14	53	22	194	52	82	T	.0	T	0	10.6	w.	26	w.	24	8	12	11	5.5	.0	.0	0
SOUTH PACIFIC COAST							74.8	+1.4										61	0.30	+0.3											3.3			
Fresno [1]	327	5	34	999.0	1,009.8	.0	79.4	-.1	105	22	92	53	13	62	42	0	48	40	T	.0	T	0	6.6	nw.	20	nw.	25	24	5	2	2.0	.0	.0	0
Los Angeles	338	223	250	1,000.7	1,012.2	-.3	73.3	+2.2	92	17	84	56	30	63	27	0	59	67	.04	.0	.04	2	5.6	w.	23	e.	18	23	5	3	2.8	.0	.0	0
San Diego [1]	87	20	55	1,009.1	1,011.9	-.3	71.8	+2.0	86	17	78	62	30	66	18	0	62	76	.87	+.8	.83	3	6.7	nw.	22	sw.	18	10	15	6	5.0	.0	.0	0
PANAMA CANAL (July)																																		
Balboa Heights																																		
Cristobal	118	6	92	-------	[3]1,010.5	-6.0	81.3	+.4	92	17	88	73	15	75	18	0	75	[3]87	5.89	-1.2	1.47	20	5.2	nw.	26	s.	14	0	17	14	7.3	.0	.0	10
	27	47	97	-------	[3]1,010.5	.0	81.0	+.1	89	17	86	73	19	76	14	0	75	[3]85	19.81	+4.2	3.90	26	7.5	nw.	25	sw.	19	1	6	24	8.2	.0	.0	19
ALASKA																																		
Anchorage [1]	132	6	44	1,008.5	1,013.5	-----	54.2	-1.4	67	6	61	36	30	47	37	338	48	78	3.88	+1.3	1.00	19	6.6	s.	34	s.	26	1	6	24	8.2	.0	.0	0
Fairbanks [1]	445	5	63	993.6	1,010.5	-----	53.6	-1.4	69	11	62	34	18	45	33	358	47	80	4.38	+2.2	1.20	21	7.3	sw.	34	sw.	29	0	4	27	8.6	.0	.0	1
Juneau [1]	80	6	30	1,015.9	1,019.0	-----	53.6	-----	76	2	62	37	31	46	32	357	48	80	4.17	------	1.53	16	6.5	n.	18	se.	16	4	4	23	7.6	.0	.0	0
Nome	22	25	56	1,007.8	1,008.8	-----	45.8	-3.7	59	6	51	33	8	40	20	598	43	87	3.45	+.2	.79	17	10.6	sw.	40	sw.	29	2	5	31	8.1	.0	.0	0
Barrow	29	5	27	1,008.5	1,008.8	-----	33.0	-5.2	51	10	37	23	31	29	19	991	32	94	.56	-.2	.19	13	11.9	ne.	28	------	6	0	1	30	9.6	1.4	.0	0
Gambell	32	5	32	1,007.8	1,009.1	-----	44.6	-1.9	54	20	49	37	26	41	14	631	42	89	2.65	+.6	1.31	16	12.8	ne.	38	ne.	21	1	8	22	8.2	.0	.0	0
Ketchikan	75	69	90	1,018.0	1,018.6	-----	58.3	-.1	78	22	66	45	29	51	27	208	49	74	2.00	-9.3	.68	8	6.7	nw.	23	nw.	10	11	6	14	5.7	.0	.0	0
Kotzebue	20	5	31	1,007.5	1,007.8	-----	46.0	-4.3	59	23	50	36	7	42	18	591	42	86	2.65	+1.3	.71	19	11.7	nw.	31	n.	6	0	8	23	8.4	.0	.0	0
McGrath	341	5	31	-------	1,010.8	-----	52.4	-1.5	71	1	59	34	10	46	27	387	48	84	6.26	+2.5	1.47	22	----	s.	---	------	--	2	1	28	9.0	.0	.0	1
Summit	2,407	5	30	927.5	1,014.6	-----	47.5	-2.3	62	20	52	39	16	43	21	542	44	86	6.04	+1.6	1.17	24	----	sw.	---	------	--	1	3	27	8.9	.0	.0	0

[1] Data are airport records.
[2] Barometric data (adjusted to old city elevation) and hydrometric 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.