CLIMATOLOGICAL DATA FOR AUGUST 1946

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	78.4	−1.4	Talladega	100	24	Valley Head	45	31	4.87	+.12	Bay Minette	11.91	Gadsdea	0.71
Arizona	79.2	+.6	Mohawk	120	[1] 2	2 stations	38	[1] 28	2.88	+.54	Tonto Creek Fish Hatchery.	8.31	Ehrenberg	.05
Arkansas	79.0	−1.1	Booneville	109	17	2 stations	43	[1] 30	1.87	−1.68	Glenwood	6.48	2 stations	.00
California	72.7	+.4	Cow Creek	123	[1] 2	Truckee R. S	26	7	.05	−.05	Imperial	2.16	207 stations	.00
Colorado	65.5	−.2	Las Animas	105	6	Pearl	21	9	2.52	+.57	Cheyenne Wells	7.86	Olathe	.69
Florida	81.4	−.1	2 stations	99	[1] 1	5 stations	62	[1] 3	6.76	−.29	Fellsmere	13.11	Fort Lauderdale	2.23
Georgia	78.4	−1.1	Washington	101	19	Tallapoosa	46	31	3.60	−1.60	Camilla	9.83	Fairmount	.20
Idaho	66.8	+.5	3 stations	108	[1] 19	Landmark	19	7	.61	−.02	Gibbonsville	2.68	2 stations	T
Illinois	70.7	−3.8	Mount Vernon	99	1	Danville	37	30	5.97	+2.55	East St. Louis	21.71	Cullom	1.14
Indiana	69.6	−4.0	Tell City	100	5	Frankfort	33	30	3.31	−.03	Cypress	9.71	Rochester	.80
Iowa	68.9	−3.3	Hawarden	100	1	Sibley	33	[1] 29	3.56	−.07	Audubon	12.22	Webster City	.81
Kansas	77.8	−.2	4 stations	114	7	3 stations	41	29	2.97	−.21	Overbrook (near)	10.18	Norton	.22
Kentucky	70.7	−5.1	2 stations	96	[1] 5	Clermont	36	31	4.42	+.71	Fords Ferry	10.48	Grayson	1.42
Louisiana	81.3	−.6	2 stations	101	[1] 12	Tallulah	52	31	4.02	−1.14	Naval Ammunition Depot.	9.46	Winnsboro	.38
Maryland-Delaware.	70.0	−3.4	Cumberland, Md	95	5	Oakland, Md	35	28	4.44	−.06	Cheltenham, Md	7.43	Aberdeen, Md	2.76
Michigan	64.8	−2.2	3 stations	95	[1] 3	Kenton	29	29	2.23	−.54	Mass	6.34	Eaton Rapids	.31
Minnesota	65.6	−2.0	Crookston	100	2	Meadowlands	32	[1] 23	1.84	−1.44	Tower	6.68	Willmar Airport	.15
Mississippi	80.0	−.7	3 stations	99	[1] 9	Holly Springs	46	31	2.85	−1.31	Bay St. Louis	11.21	Swan Lake	.17
Montana	64.4	−.6	Fairview	106	6	Wisdom	19	18	.87	−.21	Outlook	3.20	Harlem	.06
Nebraska	72.0	−1.4	Alma	108	7	2 stations	35	29	2.20	−.49	Alma	5.41	Oxford	.23
Nevada	73.0	+2.3	Overton	118	2	2 stations	33	[1] 7	.42	−.07	Kyle Canyon R. S	4.56	12 stations	.00
New England	64.7	−2.3	Farmington, Maine	94	9	Somerset, Vt	29	31	6.39	+2.61	Sandwich, Mass	17.85	Salisbury, Conn	2.09
New Jersey	69.2	−2.8	Elizabeth	93	9	Charlotteburg	38	31	4.49	−.23	Toms River	8.20	Tuckerton	2.03
New Mexico	71.4	+.6	3 stations	105	[1] 3	Eagle Nest	34	[1] 5	3.42	+.96	McGaffey R. S	8.97	Jal	.45
New York	64.9	−2.7	3 stations	93	[1] 8	Indian Lake	29	30	3.65	−.05	Riverhead	12.77	Jamestown	1.30
North Carolina	73.4	−2.5	2 stations	98	[1] 6	2 stations	33	31	4.38	−1.12	Albemarle	10.73	Helton	.60
North Dakota	65.2	−1.3	2 stations	104	[1] 2	Golva	29	29	1.62	−.46	Sharon	6.04	Fairfield	.27
Ohio	67.0	−4.7	8 stations	94	[1] 3	Mansfield	32	30	2.51	−.86	Pataskala	5.38	Kenton	.69
Oklahoma	82.3	+.7	Alva	117	7	Reydon	44	30	3.06	+.14	Ardmore	8.95	Okay	.34
Oregon	65.3	+.3	Adrian	106	19	2 stations	25	7	.34	−.08	Paisley	2.10	13 stations	.00
Pennsylvania	66.9	−3.3	3 stations	94	[1] 4	Kane	30	25	3.87	−.29	Virginville	7.30	Washington	1.22
South Carolina	77.0	−1.9	3 stations	100	[1] 15	Heath Springs	50	31	5.22	−.46	Yemassee	12.79	Columbia Airport	1.78
Tennessee	73.6	−3.1	Kenton	99	9	Rugby	36	31	3.33	−.68	Greeneville	7.51	Knoxville Airport	.97
Texas	83.5	+.7	Seymour	114	6	2 stations	49	29	3.27	+.90	Trinidad	11.91	Garden City	.00
Utah	71.4	+1.5	Zion National Park	111	2	Woodruff	31	[1] 8	1.41	+.36	Bryce Canyon	5.03	Wendover	.09
Virginia	70.5	−3.5	Gordonsville	99	17	Mountain Lake	33	31	3.43	−.98	Saluda	10.51	Moores Creek Dam	.30
Washington	66.1	+.3	Wawawai	108	19	Paradise R. S	27	16	.42	−.38	Kid Valley	3.65	5 stations	.00
West Virginia	67.4	−4.3	Great Cacapon	98	6	Canaan Valley	30	27	2.75	−1.33	Kearneysville	7.66	Brandywine	.84
Wisconsin	66.3	−1.4	4 stations	97	16	Coddington	26	29	2.29	−1.07	Praerie du Chien	7.52	Oconto	.64
Wyoming	64.6	+.5	Arvada	104	5	Bondurant	21	18	1.15	+.10	Archer	5.17	Midwest	.07
Alaska (July)	56.3	+.8	Tanana	92	12	2 stations	27	[1] 19	2.35	−.30	Little Port Walter	13.68	Barrow	.14
Hawaii	75.2	+.8	Waianae	93	[1] 2	Haleakala Ranger Station.	42	9	3.56	−3.19	Kukui	18.00	13 stations	.00
Puerto Rico	78.1	−.5	Utuado	97	25	Garzas	58	[1] 5	5.18	−1.57	Maricao	17.72	Ensenada	.32

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR AUGUST 1946

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
NEW ENGLAND							65.2	−1.7										85	7.58	+4.1											6.8			
Eastport	75	67	85	1,012.9	1,015.6	+1.0	59.8	−.9	77	6	67	50	31	53	26	165	54	87	2.67	−.3	.87	13	8.2	s.	32	e.	3	4	12	15	7.2	.0	.0	
Greenville, Maine	1,070	6	41	977.0	1,015.9	+.7	60.6	−1.7	85	9	74	34	31	48	39	153	56	84	5.10	+1.7	1.76	15	2.2	sw.	19	----	10	1	14	16	----	.0	.0	0
Portland, Maine [1]	103	5	43	1,011.5	1,015.2	.0	64.3	−.3	86	5	73	45	31	56	30	67	59	87	8.30	+5.2	4.18	19	8.0	s.	32	n.	2	8	10	13	6.3	.0	.0	2
Concord [1]	289	5	45	1,005.1	1,015.6	+.7	64.0	−1.5	89	9	75	42	30	53	35	81	58	86	5.28	+1.7	2.40	15	6.3	nw.	26	e.	19	3	13	15	6.8	.0	.0	5
Burlington [1]	403	5	51	1,000.7	1,015.2	+.3	65.0	−2.9	91	9	75	42	30	55	35	63	58	82	4.32	+1.0	2.00	15	7.3	s.	31	s.	16	3	15	13	6.9	.0	.0	6
Boston [1]	124	33	62	1,011.2	1,015.6	.0	67.8	−2.1	90	9	75	52	31	61	25	37	59	78	9.92	+6.3	3.12	16	10.8	sw.	31	n.	2	5	10	16	7.1	.0	.0	4
Nantucket	12	4	34	1,015.2	1,015.6	.0	64.9	−2.9	78	11	71	50	31	59	23	46	60	90	12.92	+9.5	3.67	14	11.8	sw.	38	n.	2	6	8	17	7.1	.0	.0	4
Block Island	26	11	46	1,014.9	1,015.9	+.3	66.6	−1.9	78	17	72	54	31	61	15	22	62	90	8.08	+4.4	2.91	10	12.9	sw.	34	n.	1	10	5	16	6.2	.0	.0	4
Providence [5]	159	46	60	1,009.8	1,015.6	.0	68.6	−2.4	92	9	77	48	31	60	28	33	60	86	12.24	+8.7	4.75	13	7.8	sw.	28	nw.	23	6	9	16	7.0	.0	.0	4
Hartford [1]	159	5	44	1,009.8	1,015.6	.0	67.5	−1.4	90	9	77	48	25	58	30	29	60	83	6.76	+2.5	1.72	14	6.9	n.	25	sw.	29	4	11	16	6.8	.0	.0	6
New Haven [1]	107	5	39	1,011.9	1,015.6	.0	67.5	−1.1	84	9	75	52	31	60	23	19	60	82	7.83	+3.9	3.22	15	6.5	sw.	25	nw.	10	6	11	14	6.3	.0	.0	9
MIDDLE ATLANTIC							70.9	−2.5										78	3.29	−.9											6.3			
Albany [1]	97	26	40	1,011.9	1,015.9	+.07	66.0	−3.0	88	9	78	40	30	54	36	40	57	80	2.17	−.9	.91	10	6.1	n.	31	s.	10	4	17	10	6.3	.0	.0	1
Binghamton [3]	871	60	79	986.1	1,016.6	+1.0	65.3	−2.7	88	9	76	42	30	55	32	65	57	88	2.59	−1.0	.65	11	4.4	w.	17	w.	17	1	15	15	7.2	.0	.0	7
New York	314	415	454	1,004.1	1,015.2	−.7	70.6	−2.5	87	9	78	53	30	64	23	6	60	74	3.52	−.8	1.06	10	10.7	n.	45	nw.	17	8	11	12	6.0	.0	.0	6
Harrisburg [1]	374	30	49	1,002.7	1,015.9	−.4	69.4	−3.2	93	4	80	49	31	59	32	15	60	78	2.97	−1.1	1.06	9	5.9	sw.	20	s.	9	6	14	11	6.3	.0	.0	4
Philadelphia [1]	114	5	57	1,011.9	1,015.9	.0	72.1	−2.7	89	5	80	55	30	64	24	1	62	78	4.44	−.2	1.92	14	6.7	nw.	17	ne.	7	8	10	13	6.0	.0	.0	6
Reading	323	47	306	1,004.4	1,015.9	----	70.0	−2.9	91	5	80	48	31	60	30	11	----	---	4.01	−.2	1.27	11	7.6	n.	29	sw.	28	7	9	15	6.4	.0	.0	4
Scranton	805	72	104	987.5	1,016.3	+.4	66.4	−3.4	88	9	76	42	31	56	33	45	----	.	2.97	−.7	1.24	10	5.2	n.	19	nw.	22	3	19	9	6.3	.0	.0	4
Atlantic City	52	37	172	1,013.9	1,015.6	−.7	71.9	−.6	85	17	78	56	31	66	20	4	64	80	2.92	−1.6	.85	11	12.5	s.	31	w.	26	4	14	13	6.6	.0	.0	5
Trenton	190	89	107	1,008.8	1,015.6	−.7	70.4	−2.6	89	5	79	52	30	62	24	6	60	75	2.86	−1.9	.80	14	7.4	n.	22	n.	17	4	13	14	6.5	.0	.0	7
Baltimore [2]	123	100	215	1,011.9	1,015.9	−.4	73.2	−2.3	92	5	81	54	31	65	24	1	62	74	4.02	−.4	1.55	9	8.2	n.	25	nw.	26	9	12	10	5.5	.0	.0	6
Washington [3]	112	56	100	1,012.2	1,016.3	.0	73.2	−1.8	92	10	82	51	31	64	25	4	62	73	4.18	−.2	2.11	8	5.7	n.	22	nw.	6	7	13	11	6.0	.0	.0	6
Cape Henry	18	8	54	1,015.2	1,015.9	----	75.7	−1.2	92	10	82	58	31	69	22	0	66	78	2.75	−2.1	1.14	9	10.5	n.	38	n.	23	7	10	14	6.1	.0	.0	9
Lynchburg [1]	686	4	50	992.2	1,016.6	.0	70.9	−3.4	91	5	80	48	31	61	26	14	63	82	3.34	−.4	1.22	11	6.3	sw.	27	sw.	6	5	15	11	6.5	.0	.0	10
Norfolk [2]	91	80	125	1,013.2	1,016.6	+.7	75.4	−2.0	94	6	82	60	31	69	23	0	66	82	3.51	−1.7	1.61	11	7.8	ne.	21	n.	1	4	11	16	6.7	.0	.0	9
Richmond	144	11	52	1,010.8	1,015.9	+.4	73.4	−3.1	91	6	82	51	31	65	25	4	64	82	3.15	−1.3	1.17	11	5.9	sw.	21	nw.	6	6	14	11	6.4	.0	.0	11
SOUTH ATLANTIC							76.9	−.9										82	4.95	−.7											6.6			
Asheville	2,253	77	92	939.4	1,016.6	.0	71.0	+.5	89	19	81	45	31	61	30	9	62	85	1.78	−2.4	.98	9	5.8	nw.	19	nw.	10	3	14	14	6.8	.0	.0	4
Charlotte [2]	779	63	86	988.8	1,016.3	−.3	75.7	−1.4	94	10	85	53	31	66	25	1	65	78	3.40	−1.7	1.08	9	5.6	ne.	22	ne.	3	2	13	16	7.0	.0	.0	9
Greensboro [1]	886	6	56	985.4	1,016.9	+1.0	73.4	−2.2	92	19	83	47	31	63	28	12	64	81	2.49	−2.8	.80	11	6.3	n.	23	w.	6	4	12	15	6.8	.0	.0	8
Hatteras	11	5	50	1,015.6	1,015.9	.0	76.4	−1.6	85	19	81	64	28	72	15	0	71	86	5.94	+.2	1.57	10	10.6	sw.	34	n.	12	3	12	16	6.9	.0	.0	7
Raleigh [1]	376	5	69	1,003.1	1,016.6	+.3	74.8	−2.2	94	18	84	51	31	65	26	4	66	87	3.58	−1.8	1.18	9	5.6	sw.	32	se.	20	2	16	13	6.7	.0	.0	10
Wilmington	72	73	107	1,013.9	1,016.3	+.4	76.4	−1.2	92	17	84	59	31	68	22	0	70	88	10.33	+4.0	3.19	15	7.4	sw.	30	nw.	23	8	13	10	5.8	.0	.0	12
Charleston [2]	48	11	92	1,014.6	1,016.3	.0	79.7	−1.3	95	18	86	65	26	73	21	0	70	87	4.90	−1.6	1.00	14	9.0	sw.	26	nw.	11	5	18	8	5.8	.0	.0	10
Columbia, S. C. [2]	347	70	91	1,003.7	1,016.3	.0	78.6	−1.0	97	10	88	58	31	69	26	0	68	78	2.74	−2.7	.68	10	6.6	s.	26	sw.	4	10	9	12	5.7	.0	.0	12
Greenville, S. C. [1]	1,040	18	36	979.7	1,016.3	----	75.6	−.2	92	19	85	58	31	66	25	0	65	76	5.56	+.1	1.90	10	7.0	ne.	27	n.	22	1	19	11	6.8	.0	.0	11
Augusta [2]	182	62	77	1,009.5	1,015.9	−.4	80.1	−.3	98	19	90	62	31	70	27	0	66	73	1.97	−3.1	.66	11	5.3	s.	20	ne.	24	3	18	10	6.6	.0	.0	8
Savannah [4]	65	73	152	1,013.9	1,016.3	.0	80.2	+.3	96	12	88	68	21	72	23	0	72	84	5.00	−2.3	1.52	12	8.9	sw.	35	se.	11	1	15	15	7.1	.0	.0	14
Jacksonville [2]	43	86	110	1,014.9	1,016.6	+.3	81.4	−.3	94	10	89	68	26	74	20	0	73	85	11.75	+5.9	3.26	20	7.2	sw.	25	w.	20	0	22	9	6.7	.0	.0	18
FLORIDA PENINSULA							82.6	+.3										80	4.37	−1.8											5.9			
Key West [2]	21	10	64	1,015.2	1,015.9	+.7	84.0	+.5	91	8	90	73	24	78	16	0	74	76	2.94	−1.6	.55	20	7.4	e.	24	se.	22	6	18	7	5.4	.0	.0	15
Miami [2]	25	242	249	1,015.2	1,016.3	−.3	81.6	−.5	89	8	86	71	24	77	16	0	74	82	3.69	−2.2	1.01	16	9.9	e.	42	e.	20	4	21	6	5.7	.0	.0	18
Tampa [1]	35	6	43	1,015.2	1,016.6	+.7	82.4	+.9	94	11	91	70	1	74	22	0	74	82	6.50	−1.7	2.30	13	5.9	sw.	28	w.	3	0	21	10	6.7	.0	.0	18
EAST GULF							79.4	−.9										81	4.23	−1.1											6.2			
Atlanta [1]	1,173	33	72	976.0	1,016.6	----	77.2	−.8	95	20	87	57	31	67	28	0	64	74	2.60	−2.1	.68	8	8.2	e.	33	w.	10	5	18	8	5.8	.0	.0	5
Macon [2]	370	79	87	1,003.1	1,015.9	−.4	78.4	−1.5	95	18	88	61	31	69	26	0	68	80	2.62	−1.7	.93	10	5.4	e.	22	n.	10	0	18	13	7.3	.0	.0	11
Thomasville	273	49	58	1,006.8	1,016.6	+.7	79.7	−1.3	94	8	88	65	31	71	25	0	----	---	7.19	+1.4	1.71	19	----	------	--	-------	--	3	13	15	----	.0	.0	15
Apalachicola	35	11	51	1,014.6	1,015.9	----	80.6	−.6	91	11	87	70	31	74	18	0	75	85	9.22	+1.7	1.97	17	5.6	sw.	24	e.	15	2	15	14	7.0	.0	.0	20
Pensacola	56	54	79	1,014.2	1,016.3	+1.1	81.6	+.7	96	18	90	64	31	74	22	0	72	82	4.52	−3.5	.98	11	6.2	w.	22	w.	5	5	13	13	6.2	.0	.0	13
Anniston	741	9	----	-------	-------	----	77.0	−1.2	94	17	89	51	31	65	32	0	----	---	.93	−3.1	.43	5	----	nw.	--	-------	--	14	11	6	----	.0	.0	2
Birmingham [1]	700	5	62	992.2	1,016.9	+1.3	76.2	−2.3	94	10	88	51	31	65	33	1	66	77	5.33	+1.1	2.79	6	5.6	ne.	26	nw.	6	5	17	9	6.0	.0	.0	5
Mobile [2]	57	86	161	1,014.6	1,016.6	+1.4	81.5	+.5	96	18	90	64	31	73	24	0	71	83	5.37	−1.6	1.91	10	6.5	n.	27	n.	11	6	6	19	6.7	.0	.0	15
Montgomery [2]	218	92	105	1,008.5	1,016.3	+.7	79.6	−1.2	94	17	89	61	31	70	26	0	68	78	4.32	+.1	1.68	7	5.4	n.	30	nw.	6	5	15	11	6.1	.0	.0	5
Meridian [2]	375	67	92	1,003.4	1,016.6	+1.4	78.4	−1.1	95	10	88	56	31	68	29	0	68	81	3.54	−1.0	1.72	9	4.6	n.	16	s.	1	8	11	12	5.7	.0	.0	11
Vicksburg [2]	247	82	102	1,007.5	1,016.3	+1.1	80.0	−.8	95	10	88	60	31	72	23	0	72	86	1.31	−2.2	.84	6	7.0	sw.	23	w.	5	14	5	12	5.2	.0	.0	2
New Orleans	53	50	84	1,014.6	1,016.3	+1.1	82.4	------	96	9	91	68	31	74	21	0	72	81	3.78	−2.0	1.53	13	5.1	w.	20	n.	19	4	15	12	6.1	.0	.0	16
WEST GULF							83.3	+.8										72	2.99	−.3											5.4			
Shreveport [1]	249	5	64	1,007.1	1,015.9	+1.0	81.4	−.3	99	7	90	62	31	72	25	0	70	74	3.44	+.7	1.62	6	7.2	sw.	31	n.	11	8	13	10	5.9	.0	.0	4
Fort Smith	463	57	82	998.6	1,014.6	−.3	81.4	+.9	104	9	94	56	30	68	35	0	64	62	.78	−2.5	.45	5	7.6	ne.	35	ne.	3	11	10	10	5.5	.0	.0	5
Little Rock [1]	357	26	58	1,003.7	1,016.3	+1.1	79.8	.0	99	8	90	55	31	70	28	0	67	71	.69	−3.1	.45	5	7.1	sw.	27	n.	3	11	8	12	5.5	.0	.0	5
Austin [1]	605	10	41	993.6	1,014.6	----	83.2	−.6	98	8	94	65	22	72	29	0	68	70	3.36	+1.3	2.25	6	8.8	s.	28	se.	28	9	17	5	5.0	.0	.0	4
Brownsville [1]	57	5	54	1,011.2	1,013.2	----	84.8	+.9	96	29	94	68	22	76	24	0	74	78	2.09	−.8	1.91	5	10.4	se.	28	se.	25	11	13	7	5.0	.0	.0	2
Corpus Christi [1]	20	4	33	1,013.9	1,014.6	+1.1	83.8	+2.2	96	20	93	67	22	75	23	0	74	980	3.09	------	2.96	5	10.8	se.	34	s.	26	11	14	6	4.8	.0	.0	3
Dallas [1]	512	5	45	996.6	1,014.6	----	85.5	+2.0	106	6	95	65	22	76	29	0	68	61	3.95	+1.2	3.69	3	10.5	s.	25	s.	25	13	10	8	4.7	.0	.0	1
Fort Worth [1]	679	40	56	990.9	1,014.2	+.3	85.0	+2.3	105	6	95	64	30	75	26	0	66	60	6.84	+4.2	4.89	5	10.9	s.	25	n.	19	13	11	7	4.6	.0	.0	3
Galveston [2]	54	106	114	1,013.9	1,015.9	+1.3	83.6	+.6	93	11	88	70	30	80	12	0	75	79	3.22	−1.1	1.57	9	9.5	s.	22	s.	30	10	14	7	5.0	.0	.0	8
Houston [2]	138	157	190	1,010.5	1,015.2	----	83.7	+.5	97	19	92	67	22	76	25	0	72	80	1.15	−3.0	.36	8	8.1	se.	23	se.	25	1	21	9	6.4	.0	.0	9
Palestine	510	64	72	998.3	1,015.9	+1.0	82.4	+.6	97	10	92	65	22	73	26	0	69	71	3.91	+1.7	2.12	7	6.8	s.	17	ne.	11	9	18	4	5.0	.0	.0	5
Port Arthur [2]	34	59	134	1,014.2	1,015.6	----	83.9	+.7	96	19	91	68	22	77	21	0	73	82	2.27	−3.8	.93	10	10.4	s.	31	nw.	29	2	22	7	6.2	.0	.0	10
San Antonio [1]	693	8	51	990.2	1,014.2	+.7	83.8	+.3	101	6	96	63	22	72	32	0	69	70	4.03	+1.6	3.55	5	9.4	se.	37	ne.	20	7	16	8	5.9	.0	.0	4

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR AUGUST 1946—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	° F.	° F.	° F.		° F.	° F.		° F.	° F.		° F.	%	In.	In.	In.		Mi.								0–10	In.	In.	
OHIO VALLEY AND TENNESSEE							71.0	−3.2										76	2.88	−.6											5.9			
Chattanooga [1]	762	6	66	989.5	1,016.3	+.4	76.4	+.7	96	17	88	50	31	64	32	1	64	74	1.47	−2.6	1.39	5	6.5	n.	32	w.	10	6	15	10	5.9	.0	.0	5
Knoxville [1]	995	27	53	981.7	1,016.6	.0	74.4	−1.0	92	17	85	49	31	64	30	5	62	73	.97	−3.0	.53	8	7.1	ne.	25	n.	10	6	14	11	6.0	.0	.0	6
Memphis [4]	399	5	86	1,002.4	1,116.3	+1.1	78.4	.0	98	9	89	48	31	68	34	0	66	74	1.22	−2.1	.54	5	7.2	e.	24	nw.	3	10	11	10	5.2	.0	.0	6
Nashville [1]	546	5	72	997.3	1,116.9	+1.0	74.2	−3.6	94	9	84	47	31	64	33	1	62	74	2.22	−1.5	1.14	10	7.2	n.	35	nw.	9	8	13	10	5.9	.0	.0	5
Lexington [1]	989	4	28	981.7	1,017.3	+1.0	69.3	−5.2	90	9	79	45	31	59	32	22	60	78	3.60	+.2	1.96	8	----	ne.	--	------	--	9	9	13	5.8	.0	.0	3
Louisville [2]	525	106	120	998.0	1,016.9	+1.0	70.7	−5.4	93	5	81	45	31	60	32	15	61	76	4.26	+.8	2.48	8	6.1	n.	26	nw.	5	9	9	13	5.9	.0	.0	6
Evansville [1]	431	11	40	1,001.7	1,016.9	+1.3	71.1	−3.9	93	9	81	46	31	61	32	12	64	82	5.55	+2.2	2.38	10	5.9	nw.	35	n.	17	6	12	13	6.4	.0	.0	7
Indianapolis [1]	823	5	54	987.1	1,016.9	+1.0	69.0	−3.4	92	9	80	42	30	58	31	27	58	74	2.52	------	1.10	7	7.4	ne.	34	nw.	5	7	12	12	6.1	.0	.0	6
Terre Haute [2]	575	68	149	996.6	1,117.3	-----	70.8	−4.4	92	9	80	46	30	61	28	17	61	80	5.28	+2.0	3.32	10	7.1	n.	41	nw.	5	8	9	14	6.3	.0	.0	6
Cincinnati [2]	627	11	51	994.6	1,117.3	+1.0	71.8	−1.8	94	9	81	50	30	62	28	6	60	79	2.79	−.6	1.15	8	5.0	e.	22	nw.	10	7	16	8	5.6	.0	.0	5
Columbus [2]	822	90	110	987.8	1,017.3	+1.0	69.1	−3.9	89	4	79	47	30	59	31	23	56	75	3.58	+.3	1.29	8	7.4	n.	37	sw.	9	9	14	8	5.3	.0	.0	4
Dayton [1]	1,003	6	55	981.4	1,017.3	-----	68.2	−4.7	88	9	79	45	30	58	29	30	56	70	1.50	−1.8	.49	8	8.2	n.	30	w.	10	10	14	7	5.3	.0	.0	2
Elkins [1]	1,947	4	45	949.5	1,018.0	+1.4	64.4	−3.9	86	5	76	40	28	53	40	85	57	88	2.11	−1.8	1.01	8	4.9	nw.	28	nw.	6	2	18	11	6.6	.0	.0	3
Parkersburg	637	77	84	994.2	1,016.9	+.6	69.6	−4.3	91	5	80	49	30	59	33	17	58	74	3.73	+.2	1.38	9	5.1	se.	14	nw.	10	7	14	10	6.0	.0	.0	7
Pittsburgh [1]	842	39	54	986.5	1,016.9	+.6	67.4	−3.9	89	5	76	49	30	58	26	33	56	74	2.11	−1.1	.70	8	7.7	n.	26	sw.	10	5	15	11	6.2	.0	.0	5
LOWER LAKES							66.8	−2.2										74	2.47	−.5											5.7			
Buffalo [1]	768	34	96	988.5	1,015.9	+.3	66.0	−2.4	87	9	76	43	30	56	29	54	56	76	4.35	+1.3	2.70	9	10.1	sw.	36	sw.	17	2	19	10	6.5	.0	.0	4
Canton	448	10	61	999.0	1,014.9	-----	64.2	−2.3	89	8	75	39	30	54	32	87	54	75	2.20	−1.4	.59	12	6.3	sw.	28	w.	10	6	11	14	6.4	.0	.0	5
Oswego	335	71	85	1,003.7	1,015.9	+.3	65.6	−2.2	88	9	73	46	30	58	26	56	57	76	2.73	+.1	.59	13	7.0	s.	19	se.	19	8	15	8	5.3	.0	.0	5
Rochester [1]	523	5	69	997.3	1,015.9	+.3	65.8	−2.1	90	9	76	43	30	56	29	63	56	76	3.62	+.7	1.71	11	7.4	sw.	34	s.	19	5	19	7	5.8	.0	.0	4
Syracuse [1]	596	5	57	994.6	1,016.3	+.7	65.7	−1.6	91	9	76	42	31	55	33	57	57	78	2.61	−.2	1.22	14	7.9	sw.	28	w.	17	3	15	13	6.9	.0	.0	5
Erie [2]	714	57	81	990.9	1,016.6	+.3	68.0	−1.6	88	9	75	49	30	61	24	22	58	78	2.25	−1.0	1.68	10	6.2	w.	22	sw.	10	7	15	9	5.5	.0	.0	1
Cleveland [1]	762	27	54	989.2	1,016.9	+.6	68.0	−2.2	90	4	79	46	25	57	34	36	56	70	1.71	−1.1	.59	9	8.5	s.	30	w.	10	6	19	6	5.4	.0	.0	5
Sandusky	629	5	67	993.9	1,016.6	+.3	69.0	−2.8	90	4	78	45	30	60	29	26	------	---	2.14	−1.0	.88	9	7.3	ne.	20	n.	4	14	11	6	4.3	.0	.0	4
Toledo [1]	628	5	47	993.9	1,016.9	+1.0	67.2	−3.0	91	4	79	41	30	56	33	52	56	72	1.44	−1.4	.61	6	8.4	sw.	29	nw.	10	7	17	7	5.3	.0	.0	4
Fort Wayne [1]	857	5	33	985.8	1,016.6	-----	67.2	−3.7	89	7	79	41	30	55	33	41	54	68	2.08	−1.0	.98	6	6.3	nw.	25	nw.	10	4	21	6	5.5	.0	.0	5
Detroit [1]	730	5	78	990.9	1,016.9	+.6	68.4	−.8	92	16	78	45	30	58	27	37	55	68	2.01	−.8	.95	7	7.8	nw.	34	nw.	10	5	19	7	5.5	.0	.0	5
UPPER LAKES							65.4	−.6										73	2.22	−.7											5.5			
Alpena	609	5	89	993.9	1,016.6	+.7	62.8	−1.3	85	8	72	44	12	54	28	120	54	76	1.81	−1.0	.39	11	8.3	nw.	25	se.	14	9	12	10	5.5	.0	.0	4
Escanaba	612	51	72	993.9	1,015.9	+.3	63.2	−1.1	83	4	72	40	23	54	33	115	55	78	2.59	−.6	.59	12	9.1	s.	31	nw.	10	8	12	11	5.8	.0	.0	5
Grand Rapids [2]	707	70	244	991.2	1,016.9	+1.0	69.2	−.5	91	7	79	48	24	59	30	36	54	67	1.23	−1.4	.76	4	8.9	n.	30	nw.	10	7	17	7	5.4	.0	.0	4
Lansing [1]	878	5	90	985.1	1,016.9	-----	65.8	−2.7	89	16	77	42	30	55	31	74	52	66	.88	−1.9	.51	9	6.5	n.	21	nw.	10	6	17	8	5.7	.0	.0	3
Marquette	734	44	73	988.8	1,015.9	+.7	63.5	−.3	89	7	72	43	23	55	31	137	52	72	4.98	+2.3	1.66	13	7.9	w.	26	sw.	9	7	12	12	5.9	.0	.0	4
Sault Sainte Marie [1]	614	11	52	993.6	1,016.3	+.7	61.6	+.8	87	7	72	43	29	51	38	140	54	82	4.21	+1.5	1.66	11	9.4	nw.	27	w.	19	7	11	13	6.3	.0	.0	6
Chicago [1]	673	5	36	992.6	1,016.6	+.7	69.9	−1.7	93	3	81	47	30	59	31	21	56	69	1.93	−1.1	1.18	6	7.3	e.	26	w.	9	11	13	7	4.8	.0	.0	3
Green Bay	617	5	32	993.9	1,016.6	+1.0	66.2	−1.5	90	16	78	40	29	54	32	64	54	70	1.88	−1.3	1.30	6	6.9	s.	27	sw.	16	5	19	7	5.6	.0	.0	4
Milwaukee [1]	681	33	66	991.9	1,016.6	+.7	67.8	+.2	93	16	78	47	30	58	29	34	56	70	1.63	−1.0	.74	8	9.9	se.	32	w.	9	12	11	8	4.9	.0	.0	4
Duluth [2]	1,133	5	47	974.9	1,016.3	+1.4	64.2	+1.6	85	8	74	43	29	55	35	97	53	77	1.07	−2.1	.57	11	11.0	nw.	32	w.	31	11	11	9	5.0	.0	.0	3
NORTH DAKOTA							65.9	+.1										64	1.25	−.9											4.4			
Fargo [1]	940	6	47	981.4	1,015.2	+.6	66.4	+.3	98	2	80	37	28	53	39	66	52	66	1.76	−1.1	.62	7	11.9	s.	37	nw.	18	11	17	3	4.4	.0	.0	5
Bismarck [1]	1,677	5	43	956.3	1,016.3	+1.4	66.8	+.1	100	2	81	40	30	53	43	54	50	62	1.12	−.7	.46	8	11.1	nw.	37	w.	8	18	6	7	4.1	.0	.0	7
Devils Lake	1,478	11	44	963.1	1,016.3	+1.4	64.8	.0	99	2	78	39	11	52	39	87	50	66	.99	−1.5	.64	10	8.5	w.	26	w.	8	12	11	8	4.6	.0	.0	5
Grand Forks [1]	832	4	41	985.4	1,015.6	-----	65.5	------	100	2	79	41	31	52	40	74	50	66	4.67	------	3.40	10	----	nw.	--	------	--	10	12	9	----	.0	.0	7
Williston	1,878	42	50	949.2	1,015.2	+1.7	66.0	−.1	100	6	79	40	29	53	41	74	47	58	1.13	−.3	.83	4	7.3	se.	30	w.	7	14	10	7	4.5	.0	.0	4
UPPER MISSISSIPPI																																		
Minneapolis-St. Paul [1]	919	43	74	982.7	1,015.6	+.7	69.7	−2.3										76	3.38	−.2											5.6			
La Crosse [1]	714	5	29	990.5	1,016.3	+1.1	68.8	−1.1	95	16	80	45	29	58	31	29	54	68	.43	−2.7	.37	5	9.3	se.	32	w.	18	8	17	6	4.8	.0	.0	2
Madison [2]	974	70	78	982.1	1,016.9	+1.3	66.6	−2.8	94	16	78	42	29	55	33	45	58	78	3.37	−.3	.86	10	6.6	s.	42	nw.	16	8	15	8	5.4	.0	.0	10
Charles City	1,015	10	51	981.0	1,017.6	+2.7	68.8	−1.0	92	16	78	47	29	60	25	22	56	70	2.01	−1.2	1.11	11	5.7	nw.	21	nw.	16	7	16	8	5.5	.0	.0	4
Moline [1]	606	6	50	994.9	1,017.3	+2.1	66.8	−2.3	92	16	78	41	29	56	31	44	------	---	2.59	−.9	1.23	9	5.1	s.	23	w.	8	15	10	6	4.5	.0	.0	5
Des Moines [2]	860	5	99	------	1,017.3	+2.4	69.2	−2.5	88	16	80	46	30	59	30	19	60	76	3.91	+.4	1.04	10	7.2	e.	47	sw.	9	6	18	7	5.7	.0	.0	7
Dubuque	699	60	79	991.5	1,016.6	+1.4	70.3	−2.8	95	2	80	45	29	61	30	23	60	78	4.58	+1.1	1.24	12	8.1	se.	29	nw.	16	6	12	13	6.3	.0	.0	8
Burlington [1]	702	4	36	991.5	1,016.6	+1.4	70.0	−1.7	92	16	80	46	29	60	29	19	60	76	3.18	−.1	1.80	12	4.8	se.	16	nw.	18	8	16	7	5.3	.0	.0	6
Cairo	357	5	99	1,004.1	1,016.6	+1.0	69.4	−4.6	92	1	79	48	29	60	31	19	62	80	5.27	+1.7	2.14	12	7.9	se.	50	w.	9	4	15	12	6.2	.0	.0	11
Peoria [1]	609	6	26	995.3	1,016.9	+1.3	75.3	−3.5	98	9	84	53	30	67	27	2	------	---	5.25	+2.2	2.08	9	7.0	ne.	33	nw.	5	10	8	13	5.9	.0	.0	7
Springfield, Ill. [1]	636	5	191	994.2	1,016.9	+.3	69.9	−1.6	90	1	80	46	30	60	29	12	60	76	3.40	+.3	1.31	9	7.4	e.	29	nw.	17	6	17	8	6.0	.0	.0	5
MISSOURI VALLEY							72.2	−2.3	92	9	81	52	30	63	26	5	62	82	3.17	.0	.97	11	9.0	e.	29	n.	5	4	17	10	6.3	.0	.0	11
Columbia Mo. [2]	784	6	66	988.5	1,016.6	+1.7	73.8	−.5										71	3.62	+.3											5.4			
Kansas City [1]	963	39	76	981.4	1,015.2	+.3	74.0	−2.3	96	17	83	50	30	65	27	8	63	76	5.72	+2.1	2.45	11	5.9	e.	17	e.	8	12	11	8	4.8	.0	.0	10
St. Joseph [2]	967	11	49	981.4	1,015.2	-----	77.0	+.4	102	16	87	49	29	67	31	6	62	65	3.70	+.2	2.73	9	8.7	e.	32	sw.	3	6	15	10	5.5	.0	.0	6
Springfield, Mo. [1]	1,324	5	67	969.9	1,016.6	+1.7	75.0	−1.5	100	2	85	47	29	65	32	0	62	72	1.44	−2.4	.56	10	6.9	e.	25	nw.	5	9	14	8	5.2	.0	.0	7
Topeka	987	65	87	------	------	-----	75.3	+.3	102	8	86	48	30	65	31	12	64	75	5.79	+1.7	2.62	10	9.9	s.	37	nw.	17	9	9	13	5.9	.0	.0	9
Lincoln [2]	1,189	11	81	973.6	1,015.6	+1.4	77.4	+1.2	105	16	88	49	29	67	35	6	62	68	6.30	+2.2	5.77	9	7.5	s.	20	nw.	5	7	13	11	5.9	.0	.0	8
Omaha [1]	1,105	5	68	976.6	1,016.3	+1.7	73.8	−.6	99	7	84	44	29	64	36	19	62	74	2.90	−.7	.96	10	7.1	s.	44	sw.	7	6	10	15	6.2	.0	.0	10
Valentine	2,598	46	54	925.5	1,015.9	+2.0	70.3	−2.2	96	2	83	44	29	62	32	20	62	74	3.92	+.9	1.88	9	8.9	se.	28	s.	7	9	10	12	5.9	.0	.0	7
Sioux City [1]	1,138	5	40	976.6	1,015.9	+1.7	70.2	−1.4	97	20	84	44	29	57	43	38	50	58	2.15	.0	.84	7	8.4	s.	27	nw.	2	12	13	6	4.5	.0	.0	9
Huron [1]	1,301	5	41	969.5	1,015.9	+1.7	68.6	−.9	97	1	82	40	29	58	39	26	60	75	2.19	−.9	.73	10	8.2	e.	26	e.	5	11	11	9	5.0	.0	.0	10
NORTHERN SLOPE							67.5	+.8										52	.99	−.2											4.6			
Billings [1]	3,570	16	40	893.3	1,015.2	-----	68.8	−1.8	96	20	83	45	9	55	44	42	44	48	.95	------	.46	6	9.5	sw.	46	nw.	6	15	8	8	4.3	.0	.0	5
Havre	2,507	11	67	928.2	1,016.3	+3.7	66.6	+1.2	98	23	82	37	29	51	46	67	42	48	.35	−.9	.15	7	8.7	e.	36	nw.	6	13	10	8	4.5	.0	.0	4
Helena [1]	4,124	5	43	876.4	1,015.9	+2.0	66.0	+1.4	93	19	81	41	9	51	47	60	40	47	.48	−.3	.26	7	8.6	w.	34	nw.	6	15	10	6	4.0	.0	.0	5
Missoula [1]	3,263	4	32	903.8	1,016.6	-----	66.6	+2.4	97	20	83	39	17	50	49	38	41	50	.44	−.3	.35	4	7.3	se.	33	nw.	6	16	9	6	3.6	.0	.0	6
Kalispell	2,973	48	56	913.0	1,014.6	+1.1	64.2	+1.4	90	22	78	36	7	50	43	84	43	52	.77	−.1	.56	5	5.9	w.	24	sw.	6	15	11	5	4.2	.0	.0	5
Miles City [1]	2,371	5	28	932.6	1,015.9	+2.4	70.5	------	102	6	85	44	29	56	42	40	46	54	1.00	------	.64	5	----	e.	--	------	--	15	11	5	4.2	.0	.0	5
Rapid City [1]	3,259	5	63	904.2	1,016.3	+2.8	67.0	−2.5	99	6	81	40	30	53	39	56	49	60	1.18	−.5	.46	8	11.9	nw.	50	nw.	7	16	9	6	4.1	.0	.0	11
Cheyenne [1]	6,094	5	40	817.5	1,015.6	+2.4	65.8	+.2	92	4	80	42	29	52	40	68	46	60	3.04	+1.5	1.61	15	8.5	w.	33	nw.	6	6	14	11	5.8	.0	.0	13
Lander	5,352	60	68	838.5	1,015.2	+2.0	68.4	+2.9	93	2	83	45	14	53	41	42	36	39	.39	−.1	.20	5	7.8	sw.	38	w.	5	14	8	9	4.3	.0	.0	8
Sheridan [1]	3,790	5	38	886.6	1,015.9	-----	67.6	+1.1	100	5	83	44	19	52	50	58	42	51	1.14	+.2	.45	7	7.0	nw.	44	nw.	16	16	7	8	4.5	.0	.0	6
North Platte [2]	2,821	11	51	918.1	1,014.9	+1.0	72.0	+1.2	97	2	84	50	29	60	39	22	56	66	1.13	−1.3	.32	9	6.4	se.	21	n.	2	8	13	10	5.5	.0	.0	8

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR AUGUST 1946—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	° F.	° F.	° F.		° F.	° F.		° F.	° F.		° F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
MIDDLE SLOPE																																		
							77.9	+1.3										60	3.15	+.6											5.7			
Denver [2]	5,292	106	113	841.2	1,014.9	+1.7	71.8	+1.1	95	4	83	49	29	60	34	27	48	54	1.24	-.2	.51	9	6.6	s.	26	s.	14	7	17	7	5.7	.0	.0	5
Pueblo [1]	4,690	5	36	859.5	1,014.2	+1.3	73.0	+.3	98	6	86	51	29	60	40	13	54	64	5.37	+3.6	2.31	14	7.2	nw.	33	sw.	1	5	17	9	5.7	.0	.0	14
Concordia	1,392	50	58	966.1	1,014.6	+.4	75.8	-.7	110	7	86	47	29	66	39	15	60	63	1.98	-.9	1.13	9	6.6	se.	25	n	4	7	13	11	6.1	.0	.0	9
Dodge City [1]	2,509	5	58	928.2	1,013.5	.0	77.3	-.4	106	7	89	51	29	65	40	13	59	62	4.41	+1.7	1.81	13	14.4	se.	40	sw.	14	9	10	12	6.0	.0	.0	13
Wichita [1]	1,358	6	64	967.2	1,014.6	+.4	79.6	+1.3	109	7	91	52	29	68	37	6	58	56	2.90	-.2	2.38	8	12.5	se.	40	nw.	17	9	10	12	6.3	.0	.0	6
Oklahoma City [2]	1,214	10	47	972.2	1,014.6	+.7	83.2	+3.5	107	7	94	54	30	72	31	0	64	61	2.39	-.5	1.20	9	8.0	s.	20	s.	13	11	11	9	5.0	.0	.0	4
Tulsa [1]	674	10	60	990.9	1,014.6	-----	82.2	+2.1	107	9	94	53	30	70	34	0	64	60	2.60	-.7	2.34	5	10.1	s.	34	n.	3	11	11	9	5.3	.0	.0	6
SOUTHERN SLOPE																																		
							82.1	+3.2										55	1.76	-.5											4.7			
Abilene [1]	1,738	4	59	953.6	1,012.5	-.7	84.8	+4.5	104	7	96	62	29	74	30	0	60	52	1.89	-.4	1.61	4	14.0	s.	30	s.	15	12	7	12	5.2	.0	.0	3
Amarillo [1]	3,676	5	42	891.0	1,013.4	+.2	78.0	+3.4	100	17	90	53	29	66	35	4	60	62	3.96	+.9	1.13	12	14.1	s.	64	e.	18	10	11	10	5.5	.0	.0	12
Del Rio	960	63	71	979.3	1,011.5	-1.0	85.7	+1.5	100	7	95	69	23	76	23	0	64	55	.27	-1.4	.27	1	10.2	se.	27	se.	14	17	10	4	3.8	.0	.0	0
Roswell	3,566	75	85	893.7	1,012.9	+1.0	79.8	+3.2	101	17	92	63	31	68	31	0	55	50	.94	-1.2	.54	6	7.2	s.	27	ne.	4	13	14	4	4.4	.0	.0	9
SOUTHERN PLATEAU																																		
							81.6	+1.8										54	1.99	.0											5.7			
El Paso [1]	3,778	39	85	886.6	1,010.8	+.3	81.8	+3.8	100	1	93	64	26	70	31	0	56	46	1.19	-.5	.45	10	9.7	se.	40	n.	26	10	15	6	5.1	.0	.0	18
Albuquerque [1]	5,314	5	45	840.8	1,012.5	-----	75.9	+2.0	94	1	88	59	30	64	28	0	55	57	1.49	+.2	.68	12	9.1	se.	48	se.	26	6	21	4	5.5	.0	.0	23
Flagstaff	6,907	36	51	795.1	-----	-----	65.4	+1.4	89	2	80	46	28	51	38	25	50	69	3.46	+.7	1.23	18	----	n.	--	------	--	2	22	7	6.3	.0	.0	22
Phoenix [2]	1,107	39	87	971.6	1,009.1	+.3	89.8	+1.3	111	1	102	70	2	78	37	0	64	48	2.01	+1.1	1.09	5	6.5	e.	34	se.	2	9	17	5	5.1	.0	.0	10
Tucson [1]	2,555	5	39	925.2	1,011.2	-----	84.0	-.2	105	1	96	66	31	72	29	0	62	56	3.61	-1.3	1.32	14	----	s.	--	------	--	3	18	10	5.9	.0	.0	16
Yuma	142	9	54	1,003.7	1,008.5	+.7	92.9	+2.5	113	2	106	74	11	80	32	0	65	46	.19	-.	3.19	1	5.6	s.	25	se.	19	25	6	0	2.1	.0	.0	5
MIDDLE PLATEAU																																		
							73.1	+2.6										40	.88	+.1											3.7			
Reno [1]	4,527	20	52	863.2	1,013.9	+1.4	69.9	+4.2	102	9	93	38	29	47	58	13	39	45	T	-.2	T	0	6.9	w.	34	s.	18	23	6	2	2.4	.0	.0	2
Winnemucca	4,339	5	56	868.6	1,013.2	+1.3	73.3	+4.0	104	3	94	44	29	53	52	0	36	30	.05	-.2	.05	1	7.3	sw.	20	w.	23	20	6	5	3.0	.0	.0	3
Modena	5,473	10	46	835.8	1,012.9	+1.7	71.0	+1.8	99	2	86	44	29	56	44	1	----	---	1.70	+.4	.69	9	9.6	sw.	29	w.	6	10	16	5	4.5	.0	.0	5
Salt Lake City [1]	4,227	32	58	867.6	1,012.2	-.7	75.4	+2.6	99	4	90	52	7	60	43	0	46	42	.95	.0	.40	8	9.7	se.	46	sw.	6	16	9	6	3.8	.0	.0	9
Grand Junction [2]	4,602	60	68	861.8	1,014.2	+1.7	75.8	+.4	101	5	90	56	24	62	38	0	46	45	1.68	+.5	.80	10	6.3	se.	24	n.	26	10	15	6	4.9	.0	.0	13
NORTHERN PLATEAU																																		
							71.1	+1.9										44	.36	-.1											3.3			
Baker [2]	3,471	36	54	896.7	1,015.9	+1.7	66.0	+1.4	96	4	84	39	7	48	48	50	40	54	.34	-.2	.26	6	5.6	se.	22	sw.	21	19	9	3	3.1	.0	.0	10
Boise [1]	2,739	5	49	918.7	1,012.5	-1.0	73.2	+2.2	105	19	89	43	7	57	45	4	44	38	.26	+.1	.23	2	9.0	nw.	33	sw.	19	18	10	3	3.4	.0	.0	3
Pocatello [1]	4,478	5	31	864.5	1,014.2	+1.0	70.4	+1.5	98	10	88	45	18	53	52	0	38	38	.82	+.3	.61	6	8.5	sw.	38	sw.	12	17	9	5	3.5	.0	.0	9
Spokane [1]	1,929	27	42	947.2	1,014.9	+.7	68.6	+.5	98	22	84	43	7	53	45	19	42	44	.07	-.6	.05	2	6.8	ne.	27	sw.	6	17	9	5	3.6	.0	.0	1
Walla Walla	991	57	65	979.0	1,014.2	-.4	74.4	+1.7	99	22	88	51	17	61	41	1	----	---	.17	-.3	.11	3	5.1	s.	23	w.	6	21	5	5	2.9	.0	.0	2
Yakima	1,076	58	67	976.6	1,015.2	-----	73.8	+4.3	100	20	88	50	7	60	38	4	----	---	.47	+.3	.47	1	7.1	nw.	22	nw.	14	21	4	6	3.4	.0	.0	2
NORTH PACIFIC COAST																																		
							64.2	+.5										72	.44	-.4											4.6			
North Head	211	5	55	1,011.2	1,018.6	+1.7	56.4	-1.2	79	17	60	49	22	52	24	270	54	91	.40	-.6	.13	10	12.5	n.	31	n.	2	5	5	21	7.3	.0	.0	0
Seattle [2]	125	90	321	1,013.2	1,018.0	+2.1	65.0	-.1	88	22	74	52	6	56	32	54	53	70	.16	-.5	.09	4	7.4	n.	30	sw.	5	13	7	11	4.9	.0	.0	1
Tacoma	194	172	201	1,011.2	1,018.0	+1.4	63.6	+1.0	83	22	72	52	17	55	28	67	----	---	.21	-.5	.09	3	7.5	n.	24	sw.	4	16	8	7	4.2	.0	.0	1
Tatoosh Island	86	9	61	1,015.9	1,019.3	+3.4	54.6	-.7	66	18	58	48	16	51	18	326	52	94	.99	-1.0	.50	11	10.4	s.	34	s.	5	11	3	17	6.3	.0	.0	0
Medford [1]	1,329	29	58	967.5	1,014.2	-----	72.8	+1.7	100	2	91	46	7	55	46	0	48	48	T	-.2	T	0	----	n.	--	------	--	23	7	1	2.1	.0	.0	1
Portland, Oreg. [2]	154	68	106	1,011.5	1,017.3	+1.0	68.3	+1.6	93	19	79	52	16	58	34	24	54	66	.25	-.4	.23	2	6.1	nw.	18	nw.	3	13	12	6	4.1	.0	.0	2
Roseburg	510	45	76	998.0	1,016.3	+.4	69.0	+1.0	96	19	83	47	7	54	45	14	52	61	.61	+.3	.42	4	4.4	n.	17	n.	2	21	7	3	3.2	.0	.0	4
MIDDLE PACIFIC COAST																																		
							67.2	+.3										64	T	.0											4.2			
Eureka	60	72	88	1,015.2	1,017.6	+1.7	55.8	-.2	65	29	60	47	17	52	13	284	52	87	.01	-.2	.01	1	6.1	nw.	17	ne.	18	1	10	20	7.9	.0	.0	0
Red Bluff	353	5	26	999.0	1,011.5	-----	80.9	+1.2	110	2	98	55	28	64	40	0	44	32	.00	.0	.00	0	6.2	se.	18	se.	27	27	3	1	1.6	.0	.0	0
Sacramento	66	92	115	1,009.5	1,011.9	+1.1	74.0	+1.1	107	2	91	52	29	57	42	2	51	54	.00	.0	.00	0	7.7	s.	18	s.	27	28	3	0	1.1	.0	.0	0
San Francisco [2]	155	112	132	1,009.1	1,014.6	+1.4	58.1	-1.0	83	2	63	51	10	53	25	219	52	82	T	.0	T	0	10.6	w.	26	w.	5	5	15	11	6.2	.0	.0	0
SOUTH PACIFIC COAST																																		
							75.3	+1.8										62	T	.0											2.5			
Fresno [1]	327	5	34	999.3	1,010.8	+1.0	81.1	+1.6	110	3	100	54	28	62	43	0	50	40	.00	.0	.00	0	6.4	nw.	18	nw.	12	28	3	0	1.3	.0	.0	0
Los Angeles	338	223	250	1,001.4	1,013.5	+1.6	72.3	+1.2	91	11	83	57	26	61	27	0	59	70	.00	.0	.00	0	5.4	w.	16	w.	20	25	6	0	2.2	.0	.0	0
San Diego [1]	87	20	55	1,010.2	1,013.2	+1.0	72.4	+2.6	88	12	79	62	1	65	20	0	62	75	T	.0	T	0	6.5	nw.	17	nw.	11	15	14	2	4.0	.0	.0	0
WEST INDIES																																		
San Juan, P. R.	82	10	54	1,013.5	1,016.3	-----	80.1	-.4	90	6	84	73	15	76	15	0	74	80	4.78	-1.2	1.45	18	11.6	e.	34	e.	15	1	23	7	6.1	.0	.0	6
PANAMA CANAL																																		
Cristobal	23	37	92	-------	[3] 1,010.5	-----	78.9	------	86	18	93	70	5	70	9	0	----	[3] 87	13.28	------	5.76	20	8.6	nw.	26	n.	5	0	9	22	----	.0	.0	8
ALASKA																																		
Anchorage [1]	132	6	44	1,009.8	1,014.9	-----	53.2	-2.4	72	9	63	32	14	44	32	365	46	76	1.69	-.9	.65	17	5.0	n.	22	sw.	5	2	7	22	7.7	.0	.0	1
Fairbanks [1]	455	5	63	995.3	1,012.5	-----	52.3	-2.8	80	10	65	29	6	40	40	393	44	72	1.80	-.2	.40	14	6.8	sw.	25	sw.	11	4	9	18	6.9	.0	.0	0
Juneau [1]	80	6	30	1,015.9	1,019.0	-----	52.4	------	73	30	60	35	15	45	33	390	46	80	5.52	------	1.11	21	7.6	n.	27	se.	20	5	4	22	7.6	.0	.0	0
Barrow	29	5	27	1,006.1	1,006.4	-----	38.8	-.6	66	11	44	28	13	33	33	810	37	94	2.13	------	.50	19	11.9	sw.	33	------	4	0	3	28	9.1	.5	.0	0
Cordova	45	5	32	1,014.6	1,016.3	-----	51.3	------	70	28	59	33	23	44	28	423	47	86	11.12	------	2.44	20	----	e.	--	------	--	4	2	25	8.0	.0	.0	0
Ketchikan	25	69	90	1,018.6	1,019.3	-----	58.1	-.3	80	29	65	45	3	51	28	216	50	77	8.73	-2.6	2.80	17	6.1	se.	21	nw.	24	6	7	18	6.9	.0	.0	0
Kotzebue	20	5	31	1,007.8	1,008.5	-----	46.3	-3.7	64	9	51	34	23	42	20	578	44	86	4.05	+2.5	----	22	16.0	se.	36	nw.	20	3	4	24	8.3	.0	.0	0
McGrath	341	5	31	991.3	1,012.2	-----	52.0	-1.6	77	9	60	32	21	44	35	405	45	78	3.29	-.4	.63	21	----	s.	33	s.	28	1	5	25	8.4	.0	.0	0
Northway	1,718	5	32	951.6	1,014.6	-----	53.6	------	82	30	66	33	22	41	41	356	43	69	1.31	------	.48	9	----	se.	34	------	--	6	9	16	6.5	T	.0	2

[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.