CLIMATOLOGICAL DATA FOR JUNE 1947

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS

[For description of tables and charts, see Review, January 1943, p. 15]

In the following table are given for the various sections of the climatological service of the Weather Bureau the monthly average temperature and total rainfall; the stations reporting the highest and lowest temperatures, with dates of occurrence; the stations reporting the greatest and least total precipitation; and other data as indicated by the several headings.

The mean temperature for each section, the highest and lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperatures and precipitation are based only on records from stations that have 10 or more years of observations. Of course, the number of such records is smaller than the total number of stations.

Section	Temperature								Precipitation					
	Section average	Departure from the normal	Monthly extremes						Section average	Departure from the normal	Greatest monthly		Least monthly	
			Station	Highest	Date	Station	Lowest	Date			Station	Amount	Station	Amount
	°F.	°F.		°F.			°F.		In.	In.		In.		In.
Alabama	77.4	−0.9	2 stations	98	9	Valley Head	41	15	4.70	+0.45	Clanton	9.04	Thurlow Dam	1.85
Arizona	73.9	−1.3	Mohawk	115	16	2 stations	21	12	.11	−.23	Stephens Ranch	1.24	53 stations	.00
Arkansas	76.7	−.4	Booneville	101	30	Mammoth Spring	39	13	3.88	−.21	Odell	11.34	Oden	.50
California	67.2	−.7	2 stations	118	[1] 16	Ellery Lake	22	21	.75	+.42	Lakeshore	10.61	77 stations	.00
Colorado	58.7	−2.9	Eversoll Ranch	101	8	Dillon	11	13	2.63	+1.20	Ovid	8.79	Kline	.08
Florida	79.8	−.1	2 stations	100	9	Glen St. Mary	54	24	8.75	+1.93	Homestead	22.51	Tarpon Springs	1.56
Georgia	76.7	−1.5	Camp Stewart	102	8	2 stations	43	23	5.22	+.79	Savannah Airport	11.74	Albany Airport	2.42
Idaho	57.1	−3.0	Grandview	97	25	Sun Valley	21	29	2.67	+1.26	Burke	7.00	Grandview	.12
Illinois	69.8	−2.3	Mount Vernon	98	30	2 stations	37	3	6.32	+2.29	Rushville	13.21	Brookport	2.51
Indiana	69.0	−2.6	Tell City	102	30	2 stations	37	3	5.21	+1.28	La Porte	8.58	Warsaw	2.43
Iowa	66.3	−3.4	Britt	98	28	2 stations	37	[1] 2	10.40	+5.84	Van Meter (River)	18.12	Merrill	4.24
Kansas	71.8	−2.0	4 stations	105	28	Syracuse	36	13	5.20	+1.17	Wagstaff	11.73	Lakin	.58
Kentucky	72.1	−1.8	Pikeville	98	[1] 10	Headquarters	40	1	4.73	+.56	Waynesburg	9.93	Jackson	1.74
Louisiana	80.6	+.5	North Livingston	104	28	Pollock	50	16	4.61	−.16	Lake Charles	17.90	Mermontaw	.30
Maryland-Delaware.	69.6	−1.3	Fort George G. Meade, Md.	99	12	Oakland, Md	33	1	4.34	+.37	Cheltenham, Md	13.17	Picardy, Md	1.70
Michigan	61.6	−2.7	3 stations	94	[1] 10	2 stations	24	[1] 2	2.95	−.20	Eau Claire	7.83	Gladwin	.85
Minnesota	61.2	−3.5	New Ulm	95	27	Grand Marais	25	12	5.28	+1.12	Marshall	9.64	Winnibigoshish Dam	2.96
Mississippi	78.5	−.4	Clarksdale	100	12	Yazoo City	48	15	4.63	+.42	Moorehead	12.41	Holly Bluff	.71
Missouri	72.6	−1.0	Vandalia	99	28	Black	39	14	8.19	+3.41	Lathrop	23.60	Birch Tree	1.72
Montana	56.4	−3.2	Bridger	92	19	Wise River	24	29	3.95	+1.35	Virginia City	8.05	Hamilton	1.02
Nebraska	65.4	−3.8	2 stations	98	[1] 17	2 stations	30	[1] 12	8.19	+4.45	Plattsmouth	17.46	Haigler	2.87
Nevada	63.3	−1.1	Overton	111	15	Sheldon	25	28	.40	−.12	Jarbidge	3.16	14 stations	.00
New England	62.2	−1.8	Vanceboro, Maine	97	29	Woodstock, N. H	28	4	4.43	+.89	Pinkham Notch, N. H.	8.46	Middleton, Mass	2.12
New Jersey	67.6	−1.5	Burlington	96	11	2 stations	35	[1] 3	3.71	−.12	Phillipsburg	8.15	Cape May	.83
New Mexico	67.4	−.2	Lake McMillan	112	6	Adobe Ranch	20	[1] 1	.59	−.63	Philmont Ranch	2.30	9 stations	.00
New York	63.2	−1.9	Utica	100	11	Lake Placid Club	29	4	4.76	+1.08	Dannemord	9.93	Letchworth Park	1.88
North Carolina	72.8	−1.3	Monroe	104	10	4 stations	35	[1] 1	4.83	+.20	Mount Airy	13.00	Laurinburg	.68
North Dakota	59.6	−3.2	Hankinson	90	26	Edmore	24	1	5.81	+2.29	Richardton	10.09	Petersburg	2.73
Ohio	67.8	−1.9	Portsmouth	95	10	3 stations	36	4	5.55	+1.59	Centerbury	12.07	Marietta	2.15
Oklahoma	77.4	+.2	3 stations	109	[1] 27	4 stations	39	[1] 13	3.71	−.23	Muskogee	11.99	Kenton	.52
Oregon	56.8	−2.6	Lake Creek	98	24	2 stations	22	11	3.27	+1.94	Headworks	10.05	Arlington	.92
Pennsylvania	66.0	−2.1	2 stations	98	11	Philipsburg	29	4	4.04	−.12	Mercersburg	6.88	Scranton	1.86
South Carolina	76.2	−1.5	Saluda	103	10	2 stations	46	[1] 1	4.54	−.14	Charleston	10.76	Saluda	1.20
South Dakota	62.4	−3.8	Faith	97	4	Custer	28	13	6.24	+2.67	Pine Ridge	10.90	Wilmot	2.63
Tennessee	74.1	−.8	4 stations	98	12	Crossville	33	1	3.56	−.58	Covington	7.55	Halls	1.00
Texas	81.0	+.8	Knox City	111	28	Miami	39	14	2.17	−.82	Gainsville	8.01	2 stations	T
Utah	60.8	−3.6	Zion National Park	105	15	2 stations	25	[1] 10	2.30	+1.60	Gooseberry R. S	5.55	2 stations	.15
Virginia	70.1	−1.7	Diamond Springs	102	[1] 11	Mountain Lake	35	17	4.36	+.21	Pinnacles	11.32	Randolph	.80
Washington	59.7	−.8	White Swan	98	24	Paradise R. S	25	29	3.01	+1.35	Cedar Lake	9.45	Othello	.34
West Virginia	68.3	−1.5	2 stations	100	[1] 10	2 stations	31	[1] 1	3.80	−.65	Greenbottom	7.84	McNeill	1.79
Wisconsin	62.0	−3.0	5 stations	96	[1] 28	Mellen	25	2	4.55	+.35	Lancaster	11.49	Wausaukee	1.45
Wyoming	54.8	−3.7	2 stations	93	[1] 19	2 stations	17	1	4.21	+2.45	Middle Fork	10.26	Deaver	.51
Alaska (May)	42.3	+.8	2 stations	90	[1] 28	Umiat	−13	1	1.48	−.14	Cape Hinchinbrook	12.54	3 stations	T
Hawaii (May)	71.2	−.5	Waianae	91	11	Haleakala R. S	38	[1] 15	7.60	+1.51	Kukui	63.00	3 stations	.00

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR JUNE 1947

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	° F.	° F.	° F		° F	° F.		° F.	° F.		° F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
NEW ENGLAND							61.9	−1.1										78	4.16	+1.2											6.4			
Eastport	75	67	85	1,012.2	1,014.9	+1.7	54.0	−1.1	78	26	62	39	4	46	28	333	47	82	5.73	+2.8	2.21	11	9.8	sw.	42	e.	9	6	11	13	6.6	0.0	0.0	2
Portland, Maine [1]	103	5	43	1,010.8	1,014.9	+1.0	60.2	+.6	88	29	71	38	4	49	36	189	52	76	3.92	+.6	1.24	13	9.0	s.	31	n.	3	7	9	14	6.2	.0	.0	4
Concord [1]	289	4	45	1,004.4	1,014.9	+1.0	61.8	+.1	91	29	75	34	4	48	44	144	52	75	5.03	+1.8	1.51	10	6.8	se.	24	e.	7	4	11	15	6.8	.0	.0	7
Burlington [1]	403	6	51	999.0	1,013.9	+.7	63.6	−2.1	92	11	74	36	4	53	37	121	56	78	4.84	+1.5	1.12	14	8.3	s.	34	s.	5	3	9	18	7.5	.0	.0	5
Boston [1]	124	33	62	1,010.5	1,015.0	+1.5	65.4	−1.1	89	29	74	46	4	56	32	86	54	70	2.88	.0	1.17	7	12.0	sw.	33	sw.	14	6	13	11	6.1	.0	.0	2
Nantucket [1]	12	4	34	1,015.2	1,015.9	+2.0	58.4	−2.6	76	30	65	39	5	51	23	207	54	88	2.95	−.3	1.57	9	13.3	sw.	35	ne.	3	6	10	14	6.5	.0	.0	2
Block Island	26	11	46	1,014.6	1,015.6	+1.7	60.6	−1.3	81	12	67	45	5	54	22	158	56	85	3.32	+.7	1.29	8	13.4	sw.	34	ne.	3	6	14	10	5.8	.0	.0	3
Providence [5]	159	46	60	1,009.8	1,015.6	+1.7	66.0	−2.3	92	28	76	45	21	56	33	72	54	76	3.93	+1.2	2.12	7	9.0	sw.	38	sw.	1	5	16	9	5.9	.0	.0	4
Hartford [1]	159	5	44	1,009.5	1,015.2	+1.3	65.4	−1.7	90	28	76	45	5	54	34	72	56	77	4.76	+1.7	1.50	11	8.4	s.	27	s.	1	5	14	11	6.2	.0	.0	5
New Haven [1]	107	5	39	1,011.9	1,015.6	+1.4	63.9	+.6	87	12	73	44	5	55	28	91	56	78	4.28	+1.5	1.55	9	6.7	sw.	20	se.	13	7	14	9	5.9	.0	.0	4
MIDDLE ATLANTIC							69.7	−1.2										74	4.12	+.5											6.2			
Albany [1]	97	26	40	1,010.5	1,014.6	+1.1	64.8	−1.9	94	11	77	36	4	52	37	81	56	74	4.15	+1.1	1.34	11	7.8	s.	26	w.	12	2	16	12	6.8	.0	.0	9
New York	314	415	454	1,004.4	1,015.6	+1.4	67.4	−1.4	87	28	75	52	9	60	26	34	56	72	3.20	−.1	1.08	9	12.2	s.	36	w.	6	6	12	12	6.2	.0	.0	5
Philadelphia [2]	114	5	57	1,011.5	1,015.6	+1.0	69.8	−1.6	93	11	78	52	5	61	27	15	60	75	4.70	+1.5	1.38	10	7.8	s.	22	sw.	2	7	14	9	5.9	.0	.0	7
Reading	323	47	306	1,003.7	1,015.2	+.6	69.3	−1.0	94	11	80	49	5	59	30	20	----	---	4.03	+.5	1.94	10	9.5	s.	43	e.	7	8	10	12	6.0	.0	.0	6
Scranton	805	72	104	986.8	1,015.6	+1.0	66.5	−1.3	95	11	77	44	4	56	34	51	----	---	1.85	−1.8	.59	12	6.0	n.	19	n.	3	6	16	8	5.9	.0	.0	3
Atlantic City	52	37	172	1,013.9	1,015.9	+1.3	66.0	−.6	90	12	72	52	5	60	23	45	59	82	1.77	−1.3	.90	7	14.3	s.	34	s.	14	7	11	12	6.1	.0	.0	3
Trenton	190	89	107	1,008.8	1,015.6	+1.4	68.6	−.9	93	11	78	49	5	59	32	30	----	---	3.29	+.2	1.07	10	8.2	s.	30	s.	14	4	16	10	6.3	.0	.0	7
Baltimore [2]	123	100	215	1,010.8	1,015.2	+.6	71.6	−1.1	93	11	80	54	4	63	28	5	60	72	7.48	+3.6	3.23	12	9.9	sw.	29	n.	8	3	16	11	6.2	.0	.0	9
Washington [2]	112	56	100	1,011.5	1,015.6	+1.0	72.6	+.4	96	11	82	50	5	63	33	2	----	68	5.76	+1.6	2.25	11	6.6	s.	36	n.	6	3	13	14	7.0	.0	.0	8
Cape Henry	18	8	54	1,014.9	1,015.6	+.7	72.4	−.5	93	8	79	52	1	66	29	5	64	77	4.77	+.8	1.42	8	10.1	s.	33	n.	8	6	15	9	5.8	.0	.0	5
Lynchburg [1]	686	4	50	991.2	1,015.6	+.4	70.8	−2.3	96	11	82	49	1	60	30	13	62	75	4.15	+.4	2.48	8	7.7	sw.	34	se.	28	7	9	14	6.3	.0	.0	9
Norfolk [2]	91	80	125	1,012.5	1,015.9	+.3	73.7	−.7	97	11	82	56	5	65	29	4	63	75	3.89	−.3	1.28	9	9.0	s.	21	s.	14	6	10	14	6.5	.0	.0	5
Richmond [2]	144	11	52	1,009.8	1,014.9	−.3	72.9	−1.2	97	11	83	50	5	63	32	4	62	75	4.49	+.6	1.98	12	6.5	s.	24	sw.	14	5	15	10	6.2	.0	.0	9
SOUTH ATLANTIC							76.1	−.1										76	5.61	+1.1											6.0			
Asheville	2,253	77	92	938.4	1,015.6	−.3	70.1	+1.4	93	10	81	47	23	59	31	18	59	76	3.50	−.4	1.23	16	6.7	nw.	24	nw.	28	3	14	13	6.4	.0	.0	1
Charlotte [2]	779	63	86	988.2	1,015.6	.0	76.1	+.6	99	10	86	53	23	66	27	0	62	70	3.17	−1.0	1.43	1	16.7	s.	22	s.	10	6	12	12	6.3	.0	.0	8
Greensboro [1]	886	6	56	984.8	1,015.9	+.3	73.5	−.5	97	10	84	51	23	62	32	2	62	73	2.24	−2.6	.74	9	7.7	sw.	21	n.	30	5	14	11	6.3	.0	.0	9
Hatteras	11	5	50	1,015.2	1,015.6	.0	74.3	−1.3	84	13	79	61	1	70	14	0	68	84	4.62	+.1	3.41	7	11.9	sw.	24	ne.	4	2	12	16	7.1	.0	.0	3
Raleigh [2]	376	5	69	1,002.0	1,015.6	+.4	75.2	−.5	99	11	86	51	23	64	32	0	64	76	4.67	+.3	2.60	6	6.8	sw.	17	se.	10	4	19	7	5.8	.0	.0	3
Wilmington	72	73	107	1,013.2	1,015.6	−.3	76.1	−.7	94	30	84	56	23	68	24	0	68	79	6.13	+1.0	2.17	9	8.9	s.	35	nw.	30	8	16	6	5.2	.0	.0	8
Charleston [2]	48	11	92	1,013.9	1,015.6	−.3	77.9	−1.0	98	9	85	60	23	71	24	0	68	82	10.76	+6.2	3.08	14	10.1	s.	33	ne.	20	7	12	11	5.9	.0	.0	8
Columbia, S. C. [2]	347	70	91	1,002.7	1,014.9	−.7	78.2	+.1	101	9	89	55	23	68	30	1	66	70	3.73	−.4	1.55	12	7.5	s.	30	s.	27	12	10	8	4.9	.0	.0	8
Greenville, S. C. [1]	1,040	18	36	979.0	1,015.2	.0	75.2	+1.1	98	10	85	54	23	65	27	6	62	69	3.77	−.8	1.97	10	8.3	ne.	34	ne.	19	6	10	14	6.5	.0	.0	7
Augusta [2]	182	62	77	1,008.8	1,014.9	−.3	78.4	−.3	99	9	88	56	24	69	29	1	64	70	3.96	−.7	2.36	11	5.5	s.	20	sw.	20	7	12	11	5.1	.0	.0	7
Savannah [1]	65	73	152	1,013.2	1,015.2	−.7	78.3	+.1	100	9	87	59	24	69	29	0	70	82	11.74	+6.4	6.00	15	9.2	se.	33	ne.	22	5	15	10	6.4	.0	.0	10
Jacksonville [2]	43	86	110	1,013.9	1,015.6	−.7	79.6	−.3	95	9	87	63	24	72	24	0	70	80	9.02	+3.7	3.36	16	7.6	sw.	22	ne.	21	6	10	14	6.4	.0	.0	9
FLORIDA PENINSULA							81.0	+4										79	6.54	+.3											6.3			
Key West [2]	21	10	64	1,013.9	1,014.6	−.3	82.9	+1.0	91	26	88	73	10	78	14	0	74	77	4.31	+.1	1.03	15	7.1	e.	26	sw.	17	2	22	6	5.4	.0	.0	9
Miami [2]	25	242	249	1,014.2	1,015.2	−.7	79.5	−.5	89	16	84	68	1	75	15	0	72	80	9.16	+2.0	3.66	17	10.3	se.	30	se.	10	0	16	14	7.0	.0	.0	12
Tampa [2]	35	6	43	1,013.9	1,015.2	−.7	80.8	+.6	93	29	89	68	8	72	24	0	72	80	6.15	−1.1	2.13	15	6.8	e.	31	s.	13	3	15	12	6.5	.0	.0	15
EAST GULF							78.8	−.1										77	3.88	−.8											6.0			
Macon [2]	370	79	87	1,002.0	1,014.9	−1.0	77.8	−1.1	97	9	88	53	24	68	32	1	65	70	3.26	−.8	1.89	9	5.9	s.	18	s.	13	5	14	11	6.3	.0	.0	8
Thomasville	273	49	58	1,006.1	1,015.9	+.3	78.6	−.9	95	9	88	59	24	69	26	0	----	---	3.71	−1.7	.75	10	----	----	--	----	--	4	17	9	----	.0	.0	10
Apalachicola	35	11	51	1,013.9	1,014.9	−1.0	79.6	−.2	92	30	86	66	23	73	18	0	72	81	3.59	−2.0	1.38	11	6.5	w.	20	ne.	22	6	13	11	6.0	.0	.0	12
Pensacola [2]	56	54	79	1,013.2	1,014.9	−1.0	80.1	+.8	93	30	87	66	23	73	19	0	71	78	4.87	+.2	2.00	10	6.5	w.	18	ne.	22	6	15	9	5.7	.0	.0	11
Anniston	741	9	----	----	----	----	76.0	−.6	94	10	87	54	15	63	33	3	66	74	3.67	−.4	2.07	11	----	----	--	----	--	--	--	--	----	.0	.0	----
Birmingham [1]	700	5	62	990.5	1,014.9	−.7	75.6	−1.2	94	30	86	53	15	65	32	1	65	74	4.54	+.1	2.40	10	7.0	e.	34	nw.	26	2	17	11	6.5	.0	.0	8
Mobile [2]	57	86	161	1,012.9	1,014.9	−2.0	80.9	+.6	95	30	89	66	23	73	20	0	72	82	4.55	−.9	2.32	11	7.2	s.	26	sw.	19	4	18	8	6.1	.0	.0	11
Montgomery [2]	218	92	105	1,007.1	1,014.9	−.7	78.6	−1.0	96	9	88	60	23	69	25	0	68	76	3.12	−.7	1.08	11	6.1	s.	23	se.	11	6	15	9	5.6	.0	.0	7
Meridian [2]	375	67	92	1,001.7	1,014.6	−1.3	78.2	+.1	94	9	88	56	15	68	29	0	68	79	2.21	−2.3	1.19	7	5.3	sw.	24	sw.	2	14	8	8	5.0	.0	.0	5
Vicksburg [2]	247	82	102	1,005.1	1,014.2	−1.0	79.3	+.3	93	12	88	61	15	70	24	0	70	80	2.14	−1.8	1.38	8	7.8	s.	23	w.	25	7	14	9	6.0	.0	.0	5
New Orleans	53	76	84	1,012.5	1,014.6	−.6	82.6	+2.0	95	29	90	72	18	75	20	0	72	75	7.01	+1.1	2.07	10	5.4	se.	17	s.	18	0	16	14	6.8	.0	.0	10
WEST GULF							81.5	+1.3										74	2.56	−1.0											5.5			
Shreveport [1]	249	5	64	1,004.1	1,012.9	−1.7	81.0	+.6	97	29	92	57	16	70	30	0	68	71	2.02	−1.5	.91	5	9.9	s.	33	sw.	21	6	14	10	5.7	.0	.0	5
Fort Smith [1]	463	57	82	994.9	1,010.8	−1.4	78.0	+.5	97	29	89	53	14	67	30	0	66	71	2.73	−1.0	1.07	6	7.2	sw.	34	nw.	1	7	11	12	6.1	.0	.0	7
Little Rock [1]	357	5	58	1,000.3	1,012.9	−1.3	77.8	+.4	94	30	87	56	14	68	26	0	70	79	4.95	+1.2	2.72	7	8.2	sw.	33	nw.	26	7	14	9	6.3	.0	.0	4
Austin [1]	605	10	41	990.2	1,011.5	−1.4	82.7	+1.5	98	28	92	66	16	73	27	0	69	70	.11	−2.3	.10	2	11.6	s.	27	e.	23	5	19	6	5.5	.0	.0	3
Brownsville [1]	57	5	54	1,008.1	1,010.2	−1.7	84.7	+2.3	96	19	93	72	8	77	22	0	75	80	.14	−3.0	.10	2	13.6	se.	27	se.	27	2	25	3	5.5	.0	.0	2
Corpus Christi [1]	20	4	33	1,010.8	1,011.5	−1.4	82.6	+3.1	92	30	90	70	15	75	19	0	74	82	1.83	−.8	1.28	5	13.4	se.	29	se.	1	7	18	5	5.4	.0	.0	3
Dallas [1]	512	5	45	992.9	1,011.2	−1.7	81.4	+1.0	98	30	92	53	14	71	32	0	66	66	4.28	+.4	2.42	6	14.2	s.	34	s.	10	14	11	5	4.6	.0	.0	5
Fort Worth [1]	679	5	56	987.1	1,010.8	−2.1	81.0	+1.1	98	28	92	54	14	70	28	0	66	66	4.08	+.7	2.24	4	14.4	s.	35	w.	20	16	8	6	4.3	.0	.0	5
Galveston [8]	54	106	114	1,011.2	1,013.2	−1.4	82.2	+1.5	90	13	86	72	14	79	12	0	74	79	.60	−3.8	.59	2	13.6	s.	29	s.	21	9	16	5	4.8	.0	.0	2
Houston [2]	138	157	190	1,007.8	1,012.5	−1.4	81.8	+.4	94	13	90	68	14	74	21	0	73	81	5.04	+.5	2.25	8	10.3	se.	31	se.	18	2	21	7	6.1	.0	.0	6
Palestine	510	64	72	994.9	1,012.5	−1.4	79.5	+.5	92	12	88	59	14	71	27	0	68	72	3.39	−.2	2.45	4	8.1	s.	20	se.	20	4	20	6	5.7	.0	.0	4
Port Arthur [2]	34	59	134	1,011.9	1,013.2	−1.0	82.6	+1.6	94	13	88	69	17	77	21	0	72	79	3.77	−1.0	2.21	9	12.8	s.	30	s.	18	12	9	9	5.1	.0	.0	8
San Antonio [1]	693	6	51	987.1	1,010.8	−1.7	83.9	+2.9	101	28	94	65	17	74	30	0	70	69	.31	−2.2	.28	3	10.9	se.	26	se.	23	3	18	9	6.2	.0	.0	2
OHIO VALLEY AND TENNESSEE							71.4	−.4										75	4.60	+.6											6.9			
Chattanooga [1]	762	6	66	988.2	1,015.2	.0	74.5	+1.3	96	9	86	52	15	63	35	2	64	76	4.63	+.5	1.81	12	6.4	s.	44	w.	27	3	13	14	6.8	.0	.0	8
Knoxville [1]	995	27	53	980.4	1,015.2	.0	74.3	+.5	96	10	85	52	1	63	32	3	64	72	2.68	−1.4	.83	12	7.7	sw.	38	w.	27	1	17	12	7.0	.0	.0	9
Memphis [4]	399	5	86	999.3	1,013.2	−1.4	78.2	+1.8	98	12	88	56	4	68	30	0	67	72	5.49	+1.9	3.84	7	7.9	sw.	23	sw.	26	5	15	10	6.1	.0	.0	7
Nashville [1]	546	5	72	994.9	1,014.6	−1.0	75.8	+.2	98	12	86	54	17	66	32	3	64	72	2.44	−1.6	1.37	7	8.7	s.	38	nw.	27	4	15	11	6.5	.0	.0	5
Lexington [1]	989	6	----	979.3	1,014.6	−1.3	70.4	−1.8	90	29	80	46	4	61	32	23	62	80	5.15	+1.1	1.39	13	----	s.	--	----	--	4	12	14	6.9	.0	.0	8
Louisville [1]	525	106	120	994.9	1,013.9	−1.3	72.5	−1.0	91	30	82	51	4	63	31	3	62	74	4.03	+.2	1.49	10	7.3	s.	22	sw.	2	2	10	18	7.4	.0	.0	10
Evansville [1]	431	12	40	998.0	1,013.5	−1.4	72.1	+.2	91	30	81	51	16	63	28	5	64	79	5.26	+1.2	1.56	12	8.8	s.	33	nw.	30	2	8	20	7.7	.0	.0	9
Indianapolis [1]	823	5	54	983.7	1,012.9	−1.7	68.0	−1.9	90	30	77	46	3	59	30	41	60	76	5.67	----	2.62	10	9.7	sw.	34	sw.	30	4	7	19	7.2	.0	.0	6
Terre Haute [2]	575	68	149	993.2	1,013.9	+1.0	69.6	−2.4	91	28	79	42	3	60	32	26	62	78	4.90	+1.0	1.25	13	9.7	s.	34	s.	10	3	11	16	7.1	.0	.0	8

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR JUNE 1947—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
OHIO VALLEY AND TENNESSEE—Con.																																		
Cincinnati [2]	627	11	51	991.9	1,014.9	.0	72.8	+1.6	94	10	83	53	4	63	28	5	60	76	3.66	.0	1.44	11	4.3	se.	14	nw.	15	3	13	14	6.8	.0	.0	9
Columbus [2]	822	90	110	985.4	1,014.2	−.7	70.4	−.5	92	29	80	45	4	61	33	23	60	75	4.14	+.8	1.52	14	9.1	s.	32	sw.	5	5	14	11	6.1	.0	.0	5
Dayton [1]	1,003	6	55	978.7	1,014.6	+.4	68.2	−2.7	89	10	78	47	4	59	27	41	58	76	6.95	+3.2	2.95	11	10.2	s.	34	s.	27	3	11	16	6.9	.0	.0	8
Elkins [1]	1,947	61	78	947.9	1,015.9	+.3	65.0	−.6	88	11	77	38	1	53	45	78	58	82	7.14	+2.1	4.20	11	5.7	se.	60	w.	7	4	10	16	7.1	.0	.0	7
Parkersburg	637	77	84	991.9	1,014.6	−1.0	71.2	−.2	94	10	82	49	17	60	36	14	59	68	2.80	−1.2	1.05	7	5.7	sw.	26	nw.	7	4	13	13	6.6	.0	.0	5
Pittsburgh [1]	842	39	54	984.8	1,014.9	.0	68.5	−.1	91	10	79	45	4	58	32	36	57	72	4.04	+.2	1.59	12	9.1	sw.	26	sw.	11	5	9	16	6.6	.0	.0	5
LOWER LAKES																																		
							65.7	−.1										73	4.57	+1.2											5.9			
Buffalo [1]	768	34	96	986.8	1,014.2	.0	65.8	+.9	90	10	77	41	4	55	38	76	56	74	4.01	+1.2	1.38	10	11.6	sw.	32	sw.	15	7	16	7	5.8	.0	.0	2
Canton	448	10	61	997.6	1,013.5	+.6	64.0	+.5	91	11	74	37	4	54	38	108	54	72	5.43	+2.1	2.08	14	7.3	w.	27	w.	1	4	13	13	6.9	.0	.0	8
Oswego	335	71	85	1,001.7	1,013.9	+.3	62.4	−.5	94	11	71	41	4	54	39	145	54	76	4.21	+1.0	1.78	13	7.5	w.	24	n.	3	13	10	7	4.9	.0	.0	1
Rochester [1]	523	5	69	995.3	1,014.2	.0	66.2	+1.1	94	10	77	43	4	55	36	80	56	72	4.08	+1.1	2.00	11	8.4	sw.	33	sw.	11	8	11	11	5.9	.0	.0	3
Syracuse [1]	596	5	57	992.9	1,014.6	+.4	65.6	+1.1	95	11	77	39	4	54	40	83	56	72	3.94	+.1	1.78	13	8.6	sw.	29	sw.	5	6	10	14	6.5	.0	.0	6
Erie [2]	714	57	81	988.8	1,014.6	+.4	66.4	+.2	92	10	74	44	4	58	28	73	57	76	2.78	−.6	1.25	10	7.3	w.	22	sw.	11	10	14	6	5.1	.0	.0	7
Cleveland [1]	762	27	54	987.1	1,014.6	.0	67.0	−.7	91	10	78	40	4	57	37	66	56	70	6.07	+3.0	2.36	14	9.1	s.	31	w.	29	7	10	13	6.0	.0	.0	7
Sandusky	629	5	67	991.5	1,014.6	−.6	67.0	−1.8	92	10	76	42	4	58	27	66	----	----	5.30	+1.8	1.43	11	8.0	sw.	23	w.	29	11	11	8	4.7	.0	.0	6
Toledo [1]	628	5	47	991.5	1,014.2	−.4	66.2	−1.0	90	10	76	40	4	56	33	78	56	73	5.37	+2.0	1.37	11	9.8	sw.	31	sw.	27	8	8	14	6.1	.0	.0	7
Fort Wayne [1]	857	5	33	983.1	1,013.9	−.7	66.2	−1.2	89	10	76	42	3	56	37	77	57	74	5.59	+2.0	1.91	11	8.5	s.	38	se.	27	4	10	16	6.7	.0	.0	9
Detroit [1]	730	5	78	988.2	1,014.6	.0	66.0	−.2	90	10	76	39	4	56	31	87	55	69	3.49	−.1	1.32	11	8.9	s.	34	nw.	29	8	9	13	6.0	.0	.0	3
UPPER LAKES																																		
							60.3	−2.1										73	3.17	−.2											6.4			
Alpena	609	5	89	991.5	1,013.9	−.3	59.3	−1.1	88	28	69	40	4	50	33	206	50	73	1.58	−1.7	.61	10	9.0	se.	28	s.	10	8	11	11	5.7	.0	.0	8
Escanaba	612	51	72	990.9	1,012.9	−.6	57.8	−2.9	76	28	66	37	12	50	28	227	48	72	2.97	−.2	2.14	9	10.6	s.	28	n.	1	7	9	14	6.1	.0	.0	7
Grand Rapids [2]	707	70	244	988.2	1,013.5	−.4	65.6	−2.2	92	10	76	43	3	56	36	93	54	72	2.69	−.8	1.01	11	11.0	sw.	38	s.	10	6	12	12	6.3	.0	.0	5
Lansing [2]	878	5	90	982.4	1,013.9	.0	63.6	−2.8	87	10	74	40	3	54	27	120	54	70	2.74	−.8	.87	11	7.4	sw.	26	sw.	10	5	11	14	6.5	.0	.0	4
Marquette	734	44	73	981.0	1,013.2	−.7	56.2	−2.7	94	28	66	36	12	47	37	296	48	76	3.50	+.3	.76	10	7.8	n.	30	s.	4	7	9	14	6.3	.0	.0	6
Sault Sainte Marie [1]	614	11	52	990.5	1,013.5	−.4	56.7	−.8	87	10	68	34	12	45	34	269	48	75	2.64	−.1	1.08	12	9.8	w.	29	nw.	11	9	6	15	6.2	.0	.0	8
Chicago [1]	673	5	36	988.8	1,012.9	−1.3	66.0	−2.1	96	28	76	43	3	56	37	93	56	73	4.40	+.9	1.62	11	9.5	s.	35	n.	29	3	11	16	6.7	.0	.0	5
Green Bay	617	5	32	990.2	1,012.9	−.3	61.4	−3.5	90	28	71	41	16	52	29	160	51	68	3.10	−.6	1.12	11	8.4	se.	26	s.	29	4	12	14	6.5	.0	.0	7
Milwaukee [1]	681	33	66	988.5	1,013.2	−.7	60.8	−1.3	88	28	70	42	3	52	35	189	52	76	3.98	+.6	1.26	14	12.7	se.	39	sw.	28	3	12	15	6.9	.0	.0	8
Duluth [2]	1,133	5	47	971.2	1,012.2	−1.0	55.4	−1.8	84	28	64	38	2	47	32	301	47	72	4.14	+.2	1.25	13	10.1	ne.	34	ne.	10	6	12	12	6.3	.0	.0	5
NORTH DAKOTA																																		
							60.6	−2.2										73	5.20	+1.3											7.3			
Fargo [1]	940	6	47	976.0	1,009.8	−2.4	61.4	−3.0	86	26	71	37	2	51	29	134	52	74	3.23	−.8	1.00	14	12.5	se.	49	se.	8	3	7	20	7.0	T	.0	4
Bismarck [1]	1,677	5	43	950.2	1,009.5	−2.7	61.8	−1.1	85	3	72	39	11	51	38	118	51	74	8.29	+4.9	3.25	18	11.9	se.	45	nw.	23	1	9	20	7.7	.0	.0	10
Devils Lake	1,478	11	44	957.7	1,010.8	−1.1	59.8	−2.1	78	13	70	32	1	49	35	166	49	74	3.08	−.5	1.18	14	8.9	se.	32	n.	10	4	9	17	7.1	.0	.0	4
Grand Forks [1]	832	4	41	980.0	1,010.2	−2.7	60.0	----	82	26	70	36	1	50	32	164	52	74	6.38	----	2.36	13	----	se.	----	----	----	3	7	20	----	.0	.0	7
Williston	1,878	42	50	943.4	1,009.8	−1.7	59.9	−2.8	82	25	70	34	11	50	34	162	48	71	5.03	+1.6	1.75	14	7.7	se.	27	ne.	21	4	9	17	7.3	.0	.0	5
UPPER MISSISSIPPI																																		
							67.5	−2.4										75	8.18	+4.0											6.9			
Minneapolis-St. Paul [1]	919	43	74	977.7	1,010.5	−1.7	64.6	−2.9	91	27	74	42	2	55	31	98	52	69	5.30	+1.1	1.22	12	12.3	se.	50	sw.	28	3	10	17	7.0	.0	.0	10
La Crosse [1]	714	5	29	985.4	1,011.2	−1.3	64.2	−2.8	90	28	74	42	12	54	31	99	54	72	8.02	+4.0	2.36	12	9.7	se.	38	nw.	28	4	12	14	6.8	.0	.0	8
Madison [2]	974	70	78	981.4	1,012.5	----	63.8	−3.4	91	28	75	44	3	53	32	121	55	74	6.45	+2.7	3.20	14	11.0	s.	52	nw.	28	2	10	18	7.4	.0	.0	9
Charles City	1,015	10	51	975.6	1,011.9	−1.3	64.8	−1.7	93	28	74	43	14	55	29	96	----	----	11.36	+6.7	4.01	15	7.1	e.	28	s.	4	7	12	11	6.0	.0	.0	8
Moline [1]	606	6	50	990.2	1,012.5	−1.0	67.4	−1.9	94	28	76	44	3	58	28	59	58	74	5.99	+1.9	1.22	15	10.3	e.	34	sw.	10	2	11	17	7.1	.0	.0	12
Des Moines [2]	860	5	99	----	1,011.5	----	67.6	−3.0	92	28	76	46	12	59	24	61	60	80	14.17	+9.4	5.37	11	10.3	se.	36	se.	22	8	13	9	7.1	.0	.0	17
Dubuque	699	60	79	986.8	1,011.5	−2.0	66.2	−3.2	92	28	76	46	12	57	29	83	57	74	10.45	+6.1	3.89	15	6.2	se.	32	nw.	28	4	11	15	6.8	.0	.0	10
Burlington [1]	702	4	36	986.8	1,011.9	−2.0	68.0	−3.5	94	28	78	46	3	58	30	51	60	80	9.88	+5.2	1.76	17	10.2	s.	34	sw.	10	5	9	16	6.7	.0	.0	16
Cairo	357	5	99	1,000.3	1,012.9	−1.3	76.6	−.7	95	30	85	58	3	68	26	0	----	----	4.37	+.5	1.06	10	8.3	sw.	43	sw.	1	5	5	20	7.1	.0	.0	6
Peoria [1]	609	6	26	990.9	1,012.5	−1.7	68.0	−1.9	94	28	77	43	3	59	28	48	60	76	7.13	+3.4	1.73	12	10.0	s.	34	w.	30	2	13	15	7.2	.0	.0	10
Springfield, Ill. [2]	636	5	191	989.8	1,011.9	−1.6	71.2	−1.0	94	28	80	48	3	62	27	17	61	79	6.86	+2.8	1.19	14	11.7	s.	34	sw.	1	7	9	14	6.4	.0	.0	12
MISSOURI VALLEY																																		
							69.5	−1.4										76	7.68	+3.4											6.5			
Columbia, Mo [2]	784	6	66	983.7	1,011.5	−1.7	72.8	−.6	91	28	82	51	14	64	29	7	63	78	7.02	+2.3	1.16	18	7.3	s.	30	w.	30	10	10	10	5.3	.0	.0	20
Kansas City [1]	963	39	76	938.4	1,009.8	----	73.4	−.2	94	28	83	52	13	64	32	11	63	72	8.19	+3.5	2.23	11	11.1	s.	37	w.	4	5	11	14	6.6	.0	.0	12
St. Joseph [2]	967	11	49	----	----	----	71.6	−2.1	92	28	81	49	14	62	31	15	64	80	11.43	+6.5	3.38	14	9.3	s.	45	w.	4	10	8	12	5.7	.0	.0	15
Springfield, Mo. [1]	1,324	5	67	967.2	1,011.9	----	73.1	+1.4	93	30	83	50	14	64	27	12	64	78	6.75	+2.1	1.44	14	12.5	s.	56	n.	27	2	12	16	7.1	.0	.0	15
Topeka [2]	987	65	87	974.9	1,010.2	−2.3	72.8	−.6	94	17	83	51	13	62	32	14	64	80	5.25	+.6	1.33	12	9.4	s.	28	sw.	9	7	8	15	6.7	.0	.0	12
Lincoln [2]	1,189	11	81	967.5	1,009.5	−1.3	68.8	−2.6	92	28	78	49	13	60	29	43	60	78	9.95	+5.6	2.69	15	9.4	se.	36	nw.	9	5	11	14	6.6	.0	.0	11
Omaha [1]	1,105	5	68	971.2	1,010.2	−2.3	69.1	−1.6	94	28	78	48	12	60	31	45	60	76	10.81	+6.2	3.33	16	11.5	s.	42	nw.	28	4	12	14	6.8	.0	.0	14
Valentine	2,598	46	54	920.1	1,010.8	−1.7	63.3	−3.6	92	27	74	38	11	52	36	109	50	70	6.81	+3.9	1.52	19	9.8	w.	39	sw.	2	6	11	13	6.3	.0	.0	12
Sioux City [1]	1,138	5	40	----	1,010.2	----	66.5	−2.3	96	27	77	43	11	56	28	71	58	76	5.84	+1.8	1.84	18	11.0	se.	59	sw.	9	5	10	15	7.0	.0	.0	11
Huron [1]	1,301	5	41	963.8	1,010.2	−2.3	63.9	−2.3	89	26	74	40	11	53	31	81	55	76	4.74	+1.0	1.37	14	13.2	se.	43	se.	8	6	10	14	6.7	.0	.0	11
NORTHERN SLOPE																																		
							58.4	−3.6										68	4.33	+2.2											6.9			
Billings [1]	3,570	16	40	888.6	1,010.8	−2.1	59.4	−5.5	87	19	70	42	29	48	33	179	48	70	3.84	----	1.58	14	9.2	sw.	42	nw.	26	4	12	14	7.0	.0	.0	8
Havre	2,507	11	67	923.1	1,011.2	−1.0	60.4	−1.6	83	13	71	40	29	50	35	146	44	62	2.95	+.1	.69	15	7.6	sw.	42	w.	13	1	4	25	8.1	.0	.0	10
Helena [1]	4,124	5	43	871.7	1,013.2	+.3	55.9	−3.3	80	25	67	38	29	45	36	272	43	68	4.34	+2.3	1.70	15	8.2	w.	41	w.	13	3	11	16	7.2	.0	.0	12
Missoula [1]	3,205	4	32	900.4	1,013.9	−.3	56.3	−3.3	82	24	68	34	28	45	42	261	42	68	1.92	−.1	.66	16	6.3	nw.	34	nw.	27	4	6	20	7.2	.0	.0	3
Kalispell	2,973	48	56	909.6	1,011.9	−1.0	55.6	−2.1	78	24	65	40	21	47	29	283	45	72	4.56	+2.5	1.54	17	5.3	w.	26	sw.	13	2	10	18	7.6	.0	.0	5
Miles City [1]	2,371	5	78	927.5	1,010.8	−1.7	61.4	----	88	19	72	41	11	50	34	129	48	68	3.87	----	1.40	13	----	nw.	----	----	----	3	12	15	7.1	.0	.0	8
Rapid City [1]	3,259	5	63	898.1	1,010.5	−2.4	59.2	−5.0	94	8	71	33	13	48	43	194	49	75	5.68	+2.6	2.67	14	13.5	nw.	47	nw.	22	6	9	15	6.7	.0	.0	13
Cheyenne [1]	6,094	5	40	811.7	1,010.2	−1.3	56.4	−4.0	83	16	69	28	12	44	35	264	41	66	3.75	+2.1	1.91	12	11.1	nw.	40	nw.	9	6	12	12	6.2	8.7	.0	11
Lander [1]	5,352	60	68	833.4	1,011.9	−.4	55.6	−4.9	83	16	68	32	12	43	36	283	39	60	6.88	+5.7	3.56	14	7.5	sw.	43	sw.	2	6	10	14	6.4	18.4	.0	7
Sheridan [1]	3,790	5	38	881.5	1,011.5	−1.0	57.8	−3.7	88	19	70	35	13	46	40	220	45	68	5.02	+3.0	2.30	12	8.7	nw.	47	nw.	19	4	11	15	6.7	.0	.0	9
North Platte [2]	2,821	11	51	912.6	1,009.5	−2.7	64.6	−2.9	91	27	75	42	11	54	36	84	54	76	4.87	+1.6	1.64	14	7.3	se.	25	nw.	9	5	13	12	6.2	.0	.0	15
MIDDLE SLOPE																																		
							71.1	−1.4										68	3.93	+.7											5.2			
Denver [1]	5,292	106	113	835.8	1,009.8	−1.7	62.6	−3.7	91	8	74	33	12	51	33	130	43	60	2.34	+1.0	1.34	7	7.7	s.	33	nw.	9	7	15	8	5.4	T	.0	5
Pueblo [1]	4,690	5	36	854.0	1,009.1	−1.4	65.7	−2.9	96	8	80	38	13	51	40	67	46	60	3.43	+2.1	1.85	8	7.7	se.	35	sw.	3	14	9	7	4.5	.0	.0	6
Concordia	1,392	50	58	960.7	1,009.5	−2.7	69.8	−3.2	98	28	80	48	13	60	28	37	60	73	8.58	+4.2	3.11	13	8.1	se.	28	w.	26	9	10	11	5.7	.0	.0	13
Dodge City [1]	2,509	5	58	922.8	1,008.5	−3.4	71.0	−1.5	102	28	84	41	13	58	41	32	58	70	3.53	+.2	1.74	81	5.1	se.	65	se.	3	9	12	9	5.0	.0	.0	10

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR JUNE 1947—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F		°F	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
MIDDLE SLOPE—Con.																																		
Wichita [1]	1,358	6	64	961.7	1,009.1	−2.8	74.0	−.4	97	28	85	49	13	63	31	13	62	70	2.57	−1.8	.78	13	14.9	se.	54	se.	4	7	14	9	5.4	.0	.0	14
Oklahoma City [1]	1,214	10	47	967.2	1,009.1	−3.1	78.0	+2.0	98	27	88	51	14	68	29	3	66	72	2.07	−1.6	1.19	9	10.7	s.	24	s.	9	17	6	7	4.2	.0	.0	9
Tulsa [1]	674	10	60	986.5	1,010.2	-----	76.6	+.1	94	30	86	52	14	67	29	3	66	74	5.01	+.6	1.89	8	12.2	s.	42	n.	26	4	18	8	6.0	.0	.0	10
SOUTHERN SLOPE																																		
							78.7	+1.5										57	2.02	−.5											4.6			
Abilene [1]	1,738	4	59	949.5	1,008.5	−2.7	81.9	+4.3	102	10	94	53	14	70	30	0	63	59	2.26	−.7	.98	6	17.3	s.	40	n.	12	9	16	5	4.6	.0	.0	7
Amarillo [1]	3,676	5	42	885.7	1,008.0	−3.5	73.2	+1.8	99	8	87	44	14	59	38	12	56	64	3.19	+.4	1.57	7	14.9	s.	40	nw.	3	12	13	5	4.5	.0	.0	6
Del Rio	960	63	71	976.0	1,008.5	−2.0	82.5	−.9	100	10	92	66	15	73	25	0	70	68	2.06	−.5	1.44	8	10.6	se.	24	se.	11	4	18	8	5.8	.0	.0	6
Roswell	3,566	75	85	888.9	1,007.8	−2.0	77.2	+.7	104	7	95	52	2	60	52	0	42	38	.56	−1.1	.30	3	10.1	s.	40	sw.	25	15	11	4	3.6	.0	.0	4
SOUTHERN PLATEAU																																		
							77.1	+.1										30	.14	−.2											2.8			
El Paso [1]	3,778	29	85	882.8	1,006.8	−1.0	79.4	+1.4	102	30	93	55	19	66	39	0	39	29	.53	.0	.49	3	11.6	sw.	47	n.	17	18	8	4	3.4	.0	.0	3
Albuquerque [1]	5,314	5	45	835.4	1,006.4	−1.4	72.8	+.2	96	30	88	46	22	58	38	9	32	28	.23	−.3	.18	2	9.9	nw.	47	nw.	17	18	9	3	3.6	.0	.0	4
Flagstaff	6,907	36	51	790.4	------	-----	59.4	−.1	86	15	77	27	12	42	48	171	30	38	T	−.5	T	0	----	sw.	--	------	--	16	9	5	3.8	T	.0	0
Phoenix [2]	1,107	39	87	968.5	1,006.4	-----	84.6	+.1	107	16	99	63	22	70	35	0	43	26	.0	−.1	0	0	7.6	w.	26	sw.	20	24	5	1	2.2	.0	.0	0
Tucson [1]	2,555	5	39	921.8	1,007.5	.0	82.1	−.5	104	16	98	58	22	66	36	0	38	24	.05	−.2	.05	1	----	sw.	--	------	--	19	10	1	2.6	.0	.0	1
Yuma	142	9	54	1,001.7	1,006.4	−.4	84.4	−.3	111	16	101	60	1	68	41	0	46	34	.00	.0	.00	0	6.3	sw.	27	w.	21	27	3	0	1.2	.0	.0	0
MIDDLE PLATEAU																																		
							62.7	−2.2										43	1.00	+0.5											4.5			
Reno [1]	4,527	20	52	860.8	1,012.9	+1.0	60.3	−.8	93	15	78	31	4	42	50	156	35	50	.07	−.2	.06	2	9.1	n.	37	n.	20	19	4	7	3.7	.0	.0	2
Winnemucca	4,339	5	56	866.2	1,012.2	.0	61.4	−1.4	92	15	77	36	12	46	45	141	34	42	.28	−.4	.19	4	7.9	sw.	33	sw.	16	12	10	8	4.8	.0	.0	3
Modena	5,473	10	46	------	1,008.1	-----	61.4	−1.9	90	15	78	34	12	44	44	133	34	29	.35	−.3	.34	3	10.9	sw.	35	sw.	20	16	11	3	3.6	.0	.0	2
Salt Lake City [1]	4,227	32	58	864.2	1,009.8	+.3	63.6	−2.1	92	16	76	40	11	51	38	98	44	54	2.93	+2.2	1.44	1	09.4	se.	34	nw.	1	10	9	11	5.5	.0	.0	4
Grand Junction [1]	4,602	60	68	849.3	1,009.5	-----	66.6	−4.8	94	16	81	38	13	53	38	73	38	41	1.38	+1.0	0.57		98.9	e.	34	s.	2	15	6	9	4.7	.0	.0	7
NORTHERN PLATEAU																																		
							61.4	−1.7										54	1.67	+.7											5.9			
Baker [2]	3,471	36	54	894.7	1,014.6	−.3	56.0	−2.6	84	18	68	34	29	44	40	267	42	66	1.72	+.4	.43	14	6.3	n.	27	sw.	8	10	8	12	5.8	.0	.0	6
Boise [1]	2,739	5	49	917.4	1,012.2	−.7	61.8	−2.7	90	25	74	39	29	50	38	127	40	53	.80	−.1	.51	9	11.2	nw.	35	nw.	11	8	12	10	5.6	.0	.0	4
Pocatello [1]	4,478	5	81	861.2	1,012.5	+1.0	59.2	−2.3	86	25	72	36	30	47	43	187	38	53	1.70	+.6	.93	10	10.4	sw.	43	sw.	25	8	7	15	6.1	.0	.0	5
Spokane [1]	1,929	27	42	944.5	1,012.5	−1.0	61.5	−1.3	88	24	73	40	21	50	39	129	43	58	1.98	+.7	.55	13	7.5	sw.	29	w.	25	2	11	17	7.2	.0	.0	1
Walla Walla	991	57	65	978.0	1,013.5	-----	66.0	−.5	92	24	76	50	29	55	34	41	44	43	2.08	+1.0	.95	11	6.1	s.	25	w.	26	10	7	13	5.5	.0	.0	4
Yakima [1]	1,076	58	67	974.6	1,013.2	−.7	64.1	−.9	93	24	78	40	28	50	44	70	44	54	1.74	+1.4	.78	5	----	nw.	--	------	--	10	8	12	5.3	.0	.0	4
NORTH PACIFIC COAST																																		
							60.0	+.2										74	2.84	+1.2											6.7			
North Head	211	5	55	1,009.1	1,016.6	−1.4	57.2	+2.4	73	6	62	49	27	53	20	235	52	82	3.88	+1.6	1.11	19	14.6	nw.	45	n.	20	2	11	17	7.3	.0	.0	0
Seattle [2]	125	90	321	1,011.9	1,016.3	−.6	61.6	+.2	82	24	70	50	21	54	27	109	48	71	2.28	+1.0	.49	15	8.2	w.	33	sw.	8	5	6	19	7.1	.0	.0	2
Tacoma	194	172	201	1,009.1	1,015.9	−1.4	60.2	+1.5	79	24	68	47	11	52	23	144	----	---	2.05	+.6	.61	14	8.3	n.	27	sw.	26	7	10	13	6.2	.0	.0	2
Tatoosh Island	86	9	61	1,013.5	1,016.6	−1.0	56.0	+3.0	63	6	60	49	20	52	13	272	51	86	2.72	−.5	.85	16	10.3	w.	32	e.	7	1	11	18	7.4	.0	.0	0
Medford [1]	1,329	29	58	968.5	1,015.9	+1.0	61.7	−4.1	93	24	75	39	11	48	44	123	46	64	2.26	+1.5	1.04	10	----	n.	--	------	--	11	8	11	5.5	.0	.0	0
Portland, Oreg. [2]	154	68	106	1,011.2	1,016.6	.0	62.4	.0	85	24	71	47	11	54	26	96	50	72	2.95	+1.4	.76	16	5.6	nw.	17	s.	1	4	7	19	7.3	.0	.0	3
Roseburg	510	45	76	998.3	1,016.9	+.3	61.0	−1.5	88	24	72	40	11	50	39	133	48	68	3.76	+2.7	.83	16	4.5	n.	18	ne.	21	7	9	14	6.1	.0	.0	0
MIDDLE PACIFIC COAST																																		
							66.2	+2.2										62	.79	+.4											4.0			
Eureka	60	72	88	1,015.2	1,017.6	−.4	56.6	+2.3	70	7	61	46	21	52	16	254	50	82	1.58	+.9	.47	10	9.1	n.	29	n.	20	9	8	13	5.8	.0	.0	0
Red Bluff [1]	353	5	26	999.3	1,011.9	-----	74.4	+.4	103	24	87	54	2	62	38	6	42	40	.66	+.2	.40	5	10.5	nw.	34	nw.	19	19	4	7	3.6	.0	.0	2
Sacramento [2]	66	92	115	1,009.1	1,011.5	.0	72.0	+2.6	102	18	86	50	3	58	38	6	49	54	.28	+.1	.25	4	8.6	sw.	29	nw.	20	21	4	5	2.8	.0	.0	0
San Francisco [2]	155	112	132	1,008.1	1,013.9	.0	61.8	+3.3	87	22	69	50	30	55	32	117	50	74	.64	+.5	.29	6	10.7	w.	26	w.	26	16	7	7	3.8	.0	.0	0
SOUTH PACIFIC COAST																																		
							70.0	+1.0										63	.01	−.1											4.7			
Fresno [1]	327	5	34	999.0	1,010.2	−.6	76.4	+.7	106	19	92	54	3	60	39	0	46	41	.02	−.1	.02	1	8.4	nw.	27	nw.	20	20	6	4	3.2	.0	.0	0
Los Angeles	338	223	250	1,001.0	1,012.9	.0	66.9	+.5	82	13	76	54	4	58	25	6	56	74	.02	−.1	.02	1	6.0	w.	18	w.	6	12	9	9	5.0	.0	.0	0
San Diego [1]	87	20	55	1,009.8	1,013.2	+.3	66.7	+1.7	77	12	73	57	12	60	20	0	58	74	T	.0	T	0	7.9	nw.	17	sw.	10	7	15	8	5.8	.0	.0	0
PANAMA CANAL																																		
Balboa Heights	118	6	97	------	------	-----	79.8	−0.4	91	26	86	71	27	74	16	-----	75	89	6.06	−2.1	----	25	4.1	nw.	24	ne.	27	0	8	22	8.1	.0	.0	8
Cristobal	23	37	92	------	------	-----	80.1	−.9	89	9	84	72	17	76	13	-----	76	88	9.37	−4.2	----	24	5.5	s.	21	ne.	29	0	6	24	8.3	.0	.0	10
ALASKA																																		
Anchorage [1]	132	6	44	1,005.8	1,010.8	-----	53.4	−.1	75	8	64	33	15	43	37	350	40	65	.30	−.48	.10	9	6.3	s.	26	s.	14	1	10	19	7.6	0	0	0
Fairbanks [1]	455	5	63	992.2	1,009.1	-----	55.8	−2.6	84	9	69	31	1	43	37	275	39	60	.56	−.79	.06	12	7.1	sw.	27	sw.	29	4	13	13	6.5	0	0	3
Juneau [1]	80	6	30	1,010.2	1,013.6	-----	52.7	------	81	8	61	36	6	44	39	370	43	74	4.77	------	1.11	19	7.9	n.	24	se.	12	3	3	24	8.0	0	0	0
Nome	22	10	75	1,009.5	1,010.2	-----	50.6	+5.0	73	18	59	34	6	42	30	434	42	76	.46	−.22	.66	4	11.9	w.	34	w.	29	7	13	10	5.9	0	0	0
Barrow	29	5	27	1,016.3	1,017.3	-----	29.6	−4.8	41	24	33	21	2	26	11	1062	29	96	.11	−.2	.09	4	11.3	e.	25	ne.	1	1	6	23	8.6	T	0	0
Bethel	28	5	31	1,006.4	1,007.8	-----	53.0	.0	73	17	61	37	2	45	27	352	44	76	2.64	+1.5	.68	17	8.9	s.	40	------	8	0	12	18	7.9	0	0	4
Cordova	45	5	32	1,010.5	1,012.2	-----	48.9	------	76	8	57	32	6	41	42	481	44	84	4.69	------	1.39	18	----	e.	28	e.	22	1	8	21	8.1	0	0	0
Gambell	32	5	32	1,010.5	1,011.5	-----	36.8	−1.3	48	30	41	29	6	33	14	846	34	90	.21	−.2	----	5	12.0	ne.	38	n.	1	2	6	22	8.0	0	0	0
Ketchikan	25	69	90	1,013.5	1,014.5	-----	54.1	−.6	79	2	60	43	15	48	31	326	47	80	9.39	−3.1	2.33	18	7.2	se.	23	se.	3	2	3	25	8.2	0	0	0
Kotzebue	20	5	31	1,010.2	1,010.8	-----	47.5	+3.8	69	20	53	35	1	42	25	525	41	82	.38	−.1	.19	6	13.6	w.	34	w.	12	8	11	11	5.7	0	0	0
McGrath	341	5	31	996.3	1,008.8	-----	54.7	−1.7	79	9	65	37	6	44	31	307	42	66	3.63	+1.6	1.31	15	----	s.	--	------	--	1	9	20	7.9	0	0	6
Northway	1,718	5	32	947.5	1,010.2	-----	52.8	−3.5	80	9	64	30	1	42	40	367	39	66	2.65	+.5	----	10	6.7	w.	18	nw.	25	0	9	21	7.6	0	0	3

[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.