CLIMATOLOGICAL DATA FOR SEPTEMBER 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	73.4	−2.3	Talladega	98	3	2 stations	45	[1] 1	6.08	+2.74	Robertsdale	12.38	Waterloo	1.92
Arizona	74.1	+1.3	2 stations	113	[1] 12	Fort Valley	29	24	2.54	+1.20	Organ Pipe Cactus, N. Mex.	8.93	San Simon	.18
Arkansas	72.4	−1.9	Searcy	100	10	Lead Hill	33	30	1.48	−1.86	Bradford	4.55	Harrison	.12
California	68.5	+.8	Greenland Ranch	116	12	Ellery Lake	14	17	.20	−.23	Elk Valley	1.42	51 stations	.00
Colorado	58.8	+.7	2 stations	100	[1] 3	Dillon	10	23	.94	.43	Cumbres	3.50	2 stations	.00
Florida	79.1	−.3	Naples	98	23	Crestview	56	30	6.93	+.25	Apalachicola	22.55	Nittaw	3.01
Georgia	73.0	−2.4	Washington	96	9	2 stations	47	1	3.71	+.08	Brunswick Airport	12.02	Dawson	1.35
Idaho	55.9	−1.2	Swan Falls	99	13	3 stations	16	[1] 27	1.25	+.18	Nezperce	3.27	2 stations	.07
Illinois	66.9	−.9	Mt. Vernon	96	[1] 6	Rockford Airport	32	30	2.07	−1.60	Galena	7.29	Wheaton	.51
Indiana	66.8	−.4	2 stations	95	[1] 6	Frankfort	30	30	1.35	−1.94	Rochester	3.41	Mauzy	.17
Iowa	63.2	−.7	2 stations	95	5	Sibley	26	29	4.94	+1.13	Independence	11.39	Knoxville	1.56
Kansas	68.9	−.8	Atwood	107	4	Tribune	27	23	3.66	+.80	Lincoln	12.60	Medicine Lodge	.32
Kentucky	68.4	−2.0	Owensboro	95	8	Mt. Sterling	36	30	2.52	−.38	Woodbury	4.48	Lovelaceville	.80
Louisiana	77.0	−.9	Lake Providence	99	4	Monroe	51	30	4.08	+.05	Port Suplhur	20.89	Jonesville	.18
Maryland-Delaware.	68.0	+.3	Cumberland, Md	99	9	Oakland, Md	30	[1] 15	3.33	−.03	Solomons, Md	6.33	Western Port, Md	1.83
Michigan	61.0	+.6	2 stations	95	6	2 stations	21	[1] 13	2.74	−.45	Mott Island	8.75	Scottville	.80
Minnesota	57.1	−1.9	Beardsley	90	4	Grand Rapids	21	30	4.78	+1.90	Austin	9.70	Brainerd	1.63
Mississippi	74.4	−1.5	Utica	97	5	Moorhead	47	30	2.82	−.26	Bay St. Louis	10.11	Vicksburg Airport	.22
Missouri	67.9	−1.4	Crystal City	97	26	2 stations	32	[1] 24	2.25	−1.80	Oregon	9.77	Siloam Springs, L. O.	.25
Montana	54.3	−.9	Jordan	98	14	Lima	10	23	2.24	+.86	Sentinel Butte Pass	4.77	Missoula (near)	.49
Nebraska	63.8	−.5	Purdum	104	4	Bridgeport	25	23	3.64	+1.56	Falls City	9.31	Potter	.37
Nevada	62.5	+1.1	Overton	109	[1] 11	2 stations	16	[1] 17	.31	−.10	Kyle Canyon R. S	2.14	14 stations	.00
New England	62.0	+1.7	Norwalk, Conn	92	19	2 stations	24	13	3.79	.00	West Rutland, Mass	7.54	Presque Isle, Maine	.66
New Jersey	67.5	+1.6	9 stations	92	[1] 9	2 stations	34	15	3.34	−.44	Chatham	6.22	Pleasantville	1.43
New Mexico	66.1	+1.7	Oro Grande	102	3	Elizabethtown	18	23	1.85	+.09	Hobbs	7.87	Tres Piedras	.00
New York	63.1	+1.8	Port Jervis	94	19	2 stations	26	[1] 13	3.79	+.26	Dobbs Ferry	7.37	Jamestown	.80
North Carolina	69.6	−1.4	Louisburg	98	9	Mount Mitchell	30	30	3.91	−.14	Southport	18.66	Lawinburg	.48
North Dakota	56.3	−.5	2 stations	97	14	Parshall	18	28	2.52	+.95	Edgeley	6.65	Tagus	.39
Ohio	65.7	.0	Hillsboro	100	8	Mansfield	32	[1] 3	1.42	−1.50	Norwalk	3.96	Findlay	.29
Oklahoma	72.4	−1.8	Alva	103	5	Kenton	30	23	2.08	−1.13	Farris	6.96	Meeker	.19
Oregon	56.7	−1.2	2 stations	97	23	Fremont	14	27	1.00	−.18	Willow Creek	4.14	Montgomery Ranch	.14
Pennsylvania	64.3	+.1	5 stations	96	[1] 7	Titusville	26	26	3.29	−.16	Mt. Pocono	7.27	Union City	.92
South Carolina	72.8	−1.7	Walterboro	104	10	Calhoun Falls	42	30	2.44	−1.64	Eutawville	7.94	Yamassee	.69
South Dakota	60.4	−1.1	Academy	100	4	Ralph	22	29	4.13	+2.57	Brookings	7.30	Ludlow	2.16
Tennessee	69.8	−1.7	3 stations	95	[1] 7	Rugby	38	1	3.50	+.43	Etowah	6.65	Paris	1.29
Texas	76.5	−.8	Pecos	105	4	Dalhart	36	23	4.30	+1.31	San Antonio	15.78	Naples	.41
Utah	61.5	+.7	Zion National Park	102	[1] 3	Woodruff	14	23	.30	−.71	Monticello	2.26	11 stations	.00
Virginia	67.9	−.7	Columbia	100	9	Dante	30	1	2.98	−.24	Norfolk	5.94	Emory	.82
Washington	58.3	−.7	Richland	94	[1] 10	3 stations	21	[1] 22	1.37	−.28	R. N. P. Carbon River Ent.	6.42	Dallesport	.15
West Virginia	65.5	+1.2	Charleston	100	9	Canaan Valley	23	15	2.27	−.69	Kermit	4.55	White Sulphur Springs	.55
Wisconsin	59.5	−.8	Racine	94	6	Mellen	20	[1] 29	4.41	+.69	Viroqua	9.45	Kenosha	.69
Wyoming	55.3	+.5	Lagrange	96	14	Bondurant	8	29	1.67	+.51	Colony	4.75	Evanston	.16
Alaska (August)	50.5	−2.2	3 stations	84	[1] 10	Puntilla	22	23	3.72	+.19	Little Port Walter	13.32	Puntilla	.35
Hawaii	74.9	+.5	Waianae	94	[1] 13	Haleakala Ranger Station.	38	28	3.28	−2.76	Puchakamoa	23.50	6 stations	.00
Puerto Rico	77.6	−.7	Utuado	95	[1] 3	Fajardo	58	6	7.31	−1.21	Rio Blanco	17.34	Barceloneta	1.42

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR SEPTEMBER 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																																		
							62.8	+2.5										85	3.19	+0.3											5.4			
Eastport	75	67	85	1,018.0	1,020.7	+3.8	58.6	+2.8	83	19	66	43	12	51	32	199	50	80	1.90	-.9	1.17	10	7.6	s.	30	e.	30	10	7	13	5.8	0.0	0.0	0
Greenville, Maine	1,070	6	41	982.1	1,021.7	----	56.7	+1.5	83	19	71	31	4	42	42	246	51	88	7.45	+3.7	6.01	9	2.9	ne.	16	----	11	7	13	10	----	.0	.0	1
Portland, Maine [1]	103	5	43	1,016.6	1,020.3	+2.7	60.8	+2.9	87	19	71	35	14	50	34	146	54	85	2.90	-.2	1.80	6	7.2	s.	33	se.	30	11	8	11	5.4	.0	.0	1
Concord [1]	289	5	45	1,010.2	1,021.0	+3.0	61.0	+3.0	86	19	75	32	13	47	43	142	54	86	4.29	+.8	2.99	7	5.8	se.	20	nw.	11	12	7	11	5.4	.0	.0	2
Burlington [1]	403	5	51	1,005.1	1,020.0	+2.0	62.4	+2.1	89	20	75	32	13	50	37	129	54	82	3.45	0	1.36	10	7.4	s.	27	se.	6	13	9	8	4.6	.0	.0	1
Boston [1]	124	33	62	1,015.9	1,020.7	+2.4	65.8	+2.6	88	19	74	45	30	58	27	57	56	77	2.04	-1.1	1.19	6	9.3	sw.	30	sw.	10	10	9	11	5.5	.0	.0	1
Nantucket	12	4	34	1,020.0	1,020.7	+2.1	63.2	+.4	81	19	70	50	1	56	25	75	60	92	4.16	+1.7	2.16	6	10.6	ne.	30	ne.	13	8	4	18	6.5	.0	.0	1
Block Island	26	11	46	1,019.6	1,020.7	+2.1	64.8	+1.4	80	20	71	48	30	59	22	48	60	88	1.90	-.8	1.09	7	11.8	sw.	35	n.	30	10	10	10	5.4	.0	.0	0
Providence [6]	159	46	60	1,014.9	1,020.7	+2.4	66.6	+3.4	89	19	76	45	30	57	29	50	58	86	1.70	-1.	5.95	5	6.6	ne.	24	sw.	30	10	7	13	5.5	.0	.0	1
Hartford [1]	159	5	44	1,014.6	1,020.7	+2.4	65.7	+4.0	87	19	78	40	15	54	39	52	58	86	2.36	-1.1	1.45	4	6.2	s.	22	s.	24	9	11	10	5.4	.0	.0	2
New Haven [1]	107	5	39	1,016.6	1,020.7	+2.4	65.6	+3.8	85	19	75	46	14	56	30	46	58	83	2.97	-.3	1.67	5	6.6	ne.	19	se.	21	13	8	9	4.9	.0	.0	3
MIDDLE ATLANTIC																																		
							69.0	+2.0										80	3.10	0.0											5.1			
Albany [1]	97	26	40	1,016.6	1,020.3	+2.0	63.9	+2.7	90	19	77	37	14	51	41	91	54	80	4.65	+1.8	1.88	7	6.2	s.	25	e.	24	15	7	8	4.6	.0	.0	3
Binghamton [2]	871	60	79	989.2	1,020.7	+3.4	64.0	+2.7	87	18	76	37	14	52	36	102	54	90	4.54	+1.4	1.98	9	4.7	ne.	23	sw.	10	4	16	10	6.2	.0	.0	4
New York	314	415	454	1,008.8	1,020.0	+1.4	69.8	+3.0	89	19	78	47	30	62	24	19	57	73	2.41	-1.0	.91	4	10.2	n.	43	nw.	30	13	9	8	4.8	.0	.0	1
Harrisburg [1]	374	30	49	1,006.8	1,020.7	+2.1	67.0	+1.2	94	9	79	43	14	55	35	47	56	79	1.55	-1.5	.71	7	6.0	w.	26	nw.	30	10	13	7	4.7	.0	.0	3
Philadelphia [1]	114	5	57	1,016.3	1,020.3	+1.7	71.4	+3.4	91	19	80	50	14	63	25	12	60	79	3.22	+.1	2.08	4	6.7	e.	20	se.	21	12	12	6	4.4	.0	.0	1
Reading	323	47	306	1,008.8	1,020.7	----	68.4	+1.8	92	9	80	44	15	57	35	29	----	----	2.65	-.6	1.09	8	7.8	se.	33	nw.	30	17	5	8	4.2	.0	.0	2
Scranton	805	72	104	991.5	1,020.3	+2.0	65.4	+2.5	90	9	77	40	15	54	34	71	----	----	1.92	-1.2	.59	6	4.6	n.	23	sw.	10	14	10	6	4.0	.0	.0	1
Atlantic City	52	37	172	1,018.0	1,019.6	+1.3	68.6	+1.8	82	11	74	47	30	63	23	19	64	88	1.93	-.7	.96	6	13.6	ne.	38	ne.	13	9	7	14	6.0	.0	.0	0
Trenton	190	89	107	1,013.5	1,020.3	----	69.1	+2.2	90	19	79	47	14	59	29	24	58	74	1.95	-1.4	1.32	5	6.8	n.	24	nw.	30	9	14	7	4.8	.0	.0	3
Baltimore [2]	123	100	215	1,015.9	1,020.3	+1.7	71.0	+2.5	92	10	80	50	30	62	28	11	60	76	3.98	+.6	1.58	7	8.0	n.	30	nw.	30	17	8	5	3.9	.0	.0	0
Washington [2]	112	56	100	1,016.3	1,020.3	+1.7	71.3	+3.2	95	9	82	49	30	60	35	11	60	75	3.95	+.7	2.19	7	5.7	s.	25	nw.	30	11	12	7	4.9	.0	.0	1
Cape Henry	18	8	54	1,018.6	1,019.3	----	73.2	+1.4	94	10	79	57	15	67	22	0	66	84	3.41	+.6	1.26	8	12.3	ne.	37	nw.	30	7	10	13	6.4	.0	.0	4
Lynchburg [1]	686	4	50	995.6	1,020.3	+1.7	68.1	+.2	93	9	78	47	1	58	32	32	59	80	2.66	-.6	1.02	9	7.4	ne.	28	nw.	30	10	7	13	5.6	.0	.0	5
Norfolk [2]	91	80	125	1,016.6	1,020.0	+2.0	72.7	+1.1	93	9	78	57	30	67	20	1	64	84	5.94	+2.7	3.04	9	9.1	ne.	25	nw.	30	4	10	16	6.9	.0	.0	4
Richmond	144	11	52	1,014.2	1,019.3	+1.0	71.0	+.5	95	9	81	47	15	61	31	11	62	85	1.80	-1.4	.69	11	6.4	ne.	23	nw.	30	10	11	9	5.4	.0	.0	1
SOUTH ATLANTIC																																		
							73.0	+0.2										83	3.57	-0.6											6.3			
Asheville	2,253	77	92	941.8	1,020.3	+2.0	66.2	+1.2	86	9	77	45	1	56	36	35	58	83	1.31	-1.7	.55	7	6.4	se.	23	nw.	30	3	11	16	6.6	.0	.0	3
Charlotte [2]	779	63	86	991.5	1,019.3	+1.0	71.4	-.1	90	8	80	52	30	63	28	6	60	78	2.85	-.1	2.34	11	6.3	ne.	20	s.	10	7	8	15	6.4	.0	.0	5
Greensboro [1]	886	6	56	988.8	1,020.7	----	69.6	-.2	89	9	80	48	15	59	32	20	60	83	2.03	-1.2	1.43	8	7.5	ne.	27	nw.	30	8	8	14	6.0	.0	.0	1
Hatteras	11	5	50	1,018.0	1,018.3	+.3	74.4	-.1	84	9	78	62	30	70	14	0	68	86	6.60	+2.0	2.23	11	12.0	ne.	34	w.	11	6	5	19	7.1	.0	.0	5
Raleigh [1]	376	5	69	1,006.1	1,019.6	+1.3	71.5	+.4	91	9	81	51	30	62	28	5	62	86	3.55	-.1	1.30	11	6.3	ne.	18	sw.	10	8	8	14	5.9	.0	.0	2
Wilmington	72	73	107	1,015.9	1,018.3	+.7	74.0	+.9	90	9	82	57	30	66	24	0	68	90	12.26	+7.8	7.71	12	8.2	ne.	28	e.	19	7	12	11	5.8	.0	.0	8
Charleston [2]	48	11	92	1,015.9	1,017.6	+.3	75.6	-1.0	90	11	82	64	14	70	20	0	66	88	3.31	-1.2	1.24	11	9.5	n.	40	n.	25	9	10	11	5.9	.0	.0	3
Columbia, S. C. [2]	347	70	91	1,006.1	1,018.6	+1.0	74.4	-.1	91	25	84	56	30	65	29	1	63	78	1.36	-2.1	.56	12	7.3	ne.	19	e.	28	8	10	12	6.0	.0	.0	2
Greenville, S. C. [1]	1,040	18	36	982.4	1,019.3	----	70.9	+.3	89	8	80	50	30	62	28	10	60	77	2.33	-1.4	.90	9	9.0	ne.	35	n.	30	8	7	15	6.3	.0	.0	1
Augusta [2]	182	62	77	1,011.9	1,018.3	+.7	74.8	-.5	91	11	84	58	17	66	28	0	64	78	2.43	-.9	1.52	9	5.3	ne.	17	se.	8	6	9	15	6.4	.0	.0	4
Savannah [4]	65	73	152	1,015.2	1,017.6	+.7	76.0	+1.7	91	11	84	62	3	68	25	0	68	86	1.65	-3.8	.62	10	8.7	n.	21	ne.	5	5	12	13	6.7	.0	.0	2
Jacksonville [2]	43	86	110	1,015.2	1,016.9	+1.0	77.6	-.7	91	24	84	65	6	71	20	0	72	88	3.26	-4.1	.78	15	7.3	ne.	24	ne.	5	1	18	11	6.9	.0	.0	7
FLORIDA PENINSULA																																		
							81.2	+0.2										84	5.30	-2.0											6.6			
Key West [2]	21	10	64	1,013.5	1,014.2	+.3	83.2	+1.0	91	2	88	72	6	78	15	0	74	78	3.44	-3.3	1.03	16	7.5	e.	19	se.	8	3	14	13	6.7	.0	.0	11
Miami [2]	25	242	249	1,013.9	1,014.6	-1.0	79.8	-1.1	88	4	85	69	6	75	15	0	74	86	4.58	-4.1	1.07	20	10.3	e.	39	e.	8	2	18	10	6.4	.0	.0	15
Tampa [1]	35	6	43	1,014.2	1,015.6	+.7	80.6	+.7	93	24	89	69	13	72	21	0	72	88	7.88	+1.5	1.38	22	6.1	ne.	28	e.	23	2	17	11	6.6	.0	.0	18
EAST GULF																																		
							74.1	-1.5										84	6.98	+2.8											6.6			
Atlanta [1]	1,173	33	72	984.1	----	----	71.2	-1.2	90	9	80	53	30	62	29	14	61	78	2.72	-.3	1.98	9	9.3	e.	34	s.	22	7	11	12	6.2	.0	.0	0
Macon [2]	370	79	87	1,004.7	1,018.0	+1.1	73.0	-1.8	92	10	82	57	30	64	28	7	64	82	4.11	+.9	2.22	10	5.6	ne.	18	ne.	11	8	5	17	6.8	.0	.0	4
Thomasville	273	49	58	1,007.5	1,017.3	+1.0	75.6	----	92	9	84	61	6	67	25	0	----	----	4.56	-.3	1.21	11	----	----	----	----	----	2	12	16	----	.0	.0	4
Apalachicola	35	11	51	1,014.6	1,015.9	----	77.4	-1.1	87	30	83	66	17	72	19	0	72	88	22.55	+14.5	10.06	15	7.7	ne.	27	se.	15	4	9	17	7.1	.0	.0	13
Pensacola	56	54	79	1,014.2	1,016.6	+1.0	77.0	-1.0	90	3	84	63	30	70	23	0	69	84	10.15	+4.8	2.89	15	7.2	e.	20	sw.	22	6	6	18	7.0	.0	.0	10
Anniston	741	9	----	----	----	----	71.6	-2.5	90	3	81	52	1	62	33	5	----	----	7.02	+3.4	2.61	8	----	se.	----	----	----	9	10	11	----	.0	.0	3
Birmingham [1]	700	5	62	993.2	1,018.3	+1.4	71.8	-1.4	88	2	81	46	30	62	33	15	63	82	6.29	+2.9	3.14	7	7.5	e.	26	e.	16	8	9	13	6.2	.0	.0	3
Mobile [2]	57	86	161	1,014.2	1,016.3	+.4	76.7	-1.4	92	4	84	59	30	69	26	0	67	84	8.39	+3.4	3.31	11	7.0	ne.	26	s.	22	5	7	18	7.2	.0	.0	8
Montgomery [2]	218	92	105	1,009.5	1,017.3	+.7	74.0	-2.3	91	3	82	55	30	66	24	2	65	83	4.95	+2.0	2.30	8	6.7	e.	21	nw.	11	8	7	15	6.5	.0	.0	2
Meridian [2]	375	67	92	1,003.7	1,017.3	+.7	73.2	-1.3	90	11	83	55	1	64	31	2	65	84	3.45	+.5	1.16	8	5.2	ne.	18	n.	11	7	10	13	6.4	.0	.0	2
Vicksburg [2]	247	82	102	1,007.5	1,016.6	.0	75.4	-.9	94	5	84	54	30	66	23	1	65	89	.33	-2.5	.14	5	7.1	e.	21	n.	29	8	8	14	6.1	.0	.0	0
New Orleans	53	50	84	1,013.5	1,015.2	.0	77.2	----	90	5	85	64	1	70	23	0	70	84	9.28	+4.2	3.12	12	5.9	ne.	17	s.	22	7	6	17	6.8	.0	.0	2
WEST GULF																																		
							77.4	-0.3										80	5.81	+2.2											6.9			
Shreveport [1]	249	5	64	1,007.1	1,016.3	+.4	75.4	-.5	95	10	84	55	30	67	24	1	66	79	1.54	-1.3	1.18	5	6.5	ne.	27	s.	26	5	13	12	6.5	.0	.0	0
Fort Smith	463	57	82	1,000.0	1,015.9	-.4	74.4	+.4	98	5	87	46	24	62	38	6	59	68	1.57	-1.4	.68	9	7.2	ne.	31	s.	7	5	15	10	6.1	.0	.0	2
Little Rock [1]	357	26	58	1,004.7	1,017.6	+.7	72.5	-1.6	97	10	83	51	30	62	33	5	61	76	.83	-2.3	.59	5	6.4	e.	23	n.	15	6	7	17	7.0	.0	.0	3
Austin [1]	605	10	41	993.6	1,014.9	----	76.8	-1.5	93	11	84	62	30	70	22	0	69	82	6.00	+2.6	2.51	12	7.3	e.	29	n.	29	3	10	17	7.3	.0	.0	4
Brownsville [1]	57	5	54	1,009.5	1,011.5	----	82.9	+2.3	95	2	91	69	20	75	20	0	74	84	8.05	+2.2	3.43	16	8.4	se.	28	ne.	30	2	16	12	6.9	.0	.0	10
Corpus Christi [1]	20	4	33	1,012.2	1,013.2	-1.0	80.9	+2.3	92	13	88	69	30	74	19	0	74	86	4.53	----	1.50	17	8.9	e.	24	n.	29	4	11	15	6.8	.0	.0	9
Dallas [1]	512	5	45	997.3	1,015.6	----	75.9	-1.5	98	10	84	56	24	67	30	0	64	74	3.00	+.3	1.38	7	8.5	e.	22	s.	22	5	7	18	6.8	.0	.0	4
Fort Worth [1]	679	40	56	991.5	1,015.6	.0	75.2	-.7	97	10	84	54	24	67	29	0	66	77	2.69	+.2	1.00	9	8.9	e.	29	ne.	10	5	9	16	6.6	.0	.0	4
Galveston [2]	54	106	114	1,012.5	1,014.2	-1.0	79.6	-.5	91	11	84	68	30	76	13	0	74	86	11.55	+6.0	5.00	13	11.5	e.	31	e.	27	4	11	15	6.9	.0	.0	7
Houston [2]	138	157	190	1,009.1	1,013.9	----	79.0	0	95	11	87	64	30	72	20	0	70	86	7.76	+3.7	2.90	11	8.2	ne.	25	se.	7	0	6	24	8.5	.0	.0	8
Palestine	510	64	72	998.0	1,015.6	.0	75.6	-1.4	92	11	84	58	30	68	23	0	66	77	1.62	-1.3	1.33	5	5.8	ne.	17	ne.	30	8	12	10	5.9	.0	.0	0
Port Arthur [2]	34	59	134	1,013.2	1,014.2	----	79.2	-.3	93	11	86	63	30	73	18	0	70	86	9.37	+4.6	6.88	12	11.5	ne.	38	e.	6	6	6	18	7.0	.0	.0	5
San Antonio [1]	693	8	51	989.8	1,013.9	-.7	78.2	-.8	94	12	86	64	15	70	24	0	70	82	15.78	+12.7	6.87	11	8.5	ne.	26	ne.	29	0	12	18	7.8	.0	.0	6
OHIO VALLEY AND TENNESSEE																																		
							68.1	+0.8										75	2.17	-0.8											5.2			
Chattanooga [1]	762	6	66	991.5	1,019.0	+1.0	70.2	+2.0	89	2	81	46	30	59	35	8	62	84	6.44	+3.3	2.06	11	5.2	ne.	30	nw.	9	7	11	12	5.9	.0	.0	3
Knoxville [1]	995	27	53	978.3	1,013.9	-2.4	70.2	+.8	90	8	81	47	30	59	32	12	59	77	2.04	-.6	.70	9	5.5	ne.	34	w.	9	9	11	10	5.6	.0	.0	4
Memphis [4]	399	5	86	1,003.4	1,017.3	+.4	73.3	+1.4	94	5	84	50	30	62	35	5	61	76	1.61	-1.2	.93	6	5.9	e.	18	s.	22	7	8	15	6.5	.0	.0	3
Nashville [1]	546	5	72	999.0	1,018.6	+.6	71.4	-.4	93	7	83	48	30	60	36	7	58	74	4.13	+.7	1.37	7	6.1	se.	26	nw.	10	11	7	12	5.6	.0	.0	3
Lexington [1]	989	4	28	983.7	1,019.6	+1.3	68.4	-.1	90	7	80	42	30	57	31	14	56	76	3.14	+.1	1.20	4	----	e.	----	----	----	15	8	7	4.5	.0	.0	3
Louisville [2]	525	106	120	1,000.0	1,019.0	+1.0	69.0	0	92	7	82	42	30	56	37	22	56	72	1.34	-1.4	.93	6	5.6	n.	23	n.	29	11	11	8	4.8	.0	.0	0

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR SEPTEMBER 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—Con.																																		
Evansville [1]	431	11	40	1,003.1	1,019.0	+1.0	67.6	−.1	93	7	80	42	30	55	37	34	58	82	1.65	−1.7	.95	3	5.1	nw.	25	sw.	23	10	8	12	5.5	.0	.0	1
Indianapolis [1]	823	5	54	989.2	1,018.6	+.6	66.2	+.8	91	8	79	38	30	53	40	53	54	72	1.00	----	.87	3	7.9	sw.	31	w.	10	12	12	8	5.1	.0	.0	0
Terre Haute [2]	575	68	149	998.3	1,019.3	----	68.3	−.5	91	8	80	42	30	57	35	39	56	78	1.42	−2.2	.84	5	7.3	s.	23	w.	10	12	11	7	4.7	.0	.0	3
Cincinnati [2]	627	11	51	996.6	1,019.6	+1.3	70.0	+2.9	93	7	82	46	30	59	34	14	56	80	1.29	−1.4	1.20	4	4.7	e.	23	w.	10	13	8	9	4.8	.0	.0	1
Columbus [2]	822	90	110	990.5	1,020.0	+1.7	67.6	+1.1	93	8	79	43	30	56	34	35	54	64	1.02	−1.6	.60	5	7.3	s.	28	sw.	10	15	8	7	4.2	.0	.0	0
Dayton [1]	1,003	6	55	983.7	1,020.0	----	67.2	+1.3	89	8	79	39	30	55	35	44	52	68	.99	−1.9	.78	5	8.9	s.	35	w.	10	12	8	10	5.0	.0	.0	0
Elkins [1]	1,947	4	45	952.6	1,022.0	+3.4	61.8	−.1	88	8	78	35	17	46	46	124	52	84	3.00	−.2	1.31	8	4.5	se.	27	nw.	10	11	9	10	5.3	.0	.0	4
Parkersburg	637	77	84	997.0	1,020.0	+1.4	68.0	+.7	92	8	81	45	16	55	39	21	56	73	1.00	−1.8	.57	7	4.7	se.	26	nw.	30	10	12	8	5.1	.0	.0	4
Pittsburgh [1]	842	39	54	989.8	1,020.0	+1.4	67.1	+2.4	92	8	78	43	30	56	32	46	54	72	1.27	−1.3	.49	7	8.3	s.	31	w.	10	13	10	7	4.7	.0	.0	2
LOWER LAKES																																		
							64.7	+2.5										76	2.38	−0.6											4.4			
Buffalo [1]	768	34	96	992.2	1,020.0	+2.0	64.4	+2.8	90	28	76	42	15	53	34	109	54	76	3.24	+.3	1.56	9	10.7	s.	37	sw.	10	11	12	7	4.8	.0	.0	3
Canton	448	10	61	1,003.4	1,019.3	----	61.5	+2.7	87	20	74	32	12	49	37	167	50	73	3.90	+.6	1.92	10	6.6	sw.	26	sw.	1	13	8	9	4.6	.0	.0	2
Oswego	335	71	85	1,007.8	1,026.3	+2.3	63.4	+1.9	85	20	72	43	4	54	29	112	54	77	4.17	+1.5	1.63	10	8.2	se.	31	n.	30	17	6	7	3.9	.0	.0	2
Rochester [1]	523	5	69	1,001.0	1,020.3	+2.3	64.0	+3.5	89	28	76	38	13	52	35	110	54	81	2.71	+.3	.77	10	7.4	sw.	32	sw.	10	13	9	8	4.6	.0	.0	3
Syracuse [1]	596	5	57	999.0	1,020.3	+2.0	63.4	+3.1	89	20	76	36	13	50	39	123	54	82	2.83	+.1	.92	9	7.3	sw.	26	w.	11	13	7	10	5.1	.0	.0	2
Erie [2]	714	57	81	994.2	1,020.0	+2.0	66.3	+2.7	88	6	75	46	26	58	32	73	54	79	1.82	−1.6	.95	7	7.4	se.	22	sw.	10	12	10	8	4.4	.0	.0	3
Cleveland [1]	762	27	54	992.2	1,019.6	+1.6	66.8	+3.0	89	6	78	40	4	55	38	62	54	73	1.88	−1.4	.75	8	8.8	s.	33	nw.	30	14	9	7	4.4	.0	.0	4
Sandusky	629	5	67	996.6	1,019.6	+1.6	67.0	+1.7	93	6	77	46	4	57	38	44	----	----	2.20	−.8	.78	7	7.8	e.	22	sw.	10	16	8	6	3.9	.0	.0	3
Toledo [1]	628	5	47	996.6	1,020.0	+2.0	65.1	+2.0	92	6	79	37	30	51	42	79	52	74	.37	−2.4	.10	6	8.9	sw.	29	sw.	10	13	13	4	4.3	.0	.0	1
Fort Wayne [1]	857	5	33	987.8	1,019.0	----	64.6	+1.5	90	6	78	36	30	51	42	87	52	72	1.41	−1.6	.87	4	6.8	sw.	28	w.	10	10	15	5	4.7	.0	.0	3
Detroit [1]	730	5	78	993.6	1,019.6	+1.6	65.2	+2.8	90	6	77	41	30	54	34	85	53	74	1.65	−1.2	.58	5	7.9	s.	31	nw.	10	13	12	5	4.2	.0	.0	3
UPPER LAKES																																		
							59.8	+0.6										78	2.51	−0.8											5.3			
Alpena	609	5	89	996.6	1,019.3	+2.4	58.2	+.6	80	20	67	38	3	49	27	216	51	82	3.33	+.4	1.39	13	9.1	se.	31	s.	5	8	11	11	5.6	.0	.0	6
Escanaba	612	51	72	995.3	1,018.0	+1.7	55.9	−1.2	73	6	64	34	3	48	28	272	50	82	2.43	−.9	1.23	8	9.8	s.	31	s.	24	8	11	11	5.8	.0	.0	1
Grand Rapids [2]	707	70	244	992.9	1,018.6	+1.0	65.4	+2.7	89	9	77	40	3	54	30	94	51	74	1.46	−2.1	.64	6	10.3	s.	45	sw.	24	12	14	4	4.5	.0	.0	3
Lansing [2]	878	5	90	987.5	1,019.3	----	62.8	+1.4	89	6	75	36	3	51	33	128	50	70	1.76	−1.2	1.11	9	6.9	s.	27	s.	24	12	12	6	4.5	.0	.0	5
Marquette	734	44	73	990.2	1,017.6	+1.6	57.6	+.1	83	18	66	33	12	49	29	261	48	76	2.78	−.5	.92	13	8.5	s.	26	s.	27	4	12	14	6.5	.0	.0	4
Sault Sainte Marie [1]	614	11	52	995.9	1,019.0	+2.4	55.7	+1.7	84	17	66	34	12	45	32	286	48	88	3.03	−.5	1.03	12	10.0	se.	27	nw.	10	7	10	13	6.1	.0	.0	5
Chicago [1]	673	5	36	994.2	1,018.6	+1.3	65.6	+.7	91	6	78	40	30	54	33	83	54	74	2.01	−1.2	.88	5	8.3	s.	33	sw.	24	10	18	2	4.1	.0	.0	3
Green Bay	617	5	32	995.6	1,018.3	+1.7	60.3	−.1	83	16	71	36	3	50	33	185	49	76	2.81	−.7	1.16	11	7.5	s.	30	sw.	24	10	10	10	5.5	.0	.0	5
Milwaukee [1]	681	33	66	993.6	1,018.6	+1.7	61.7	+.7	89	6	72	38	25	52	34	140	52	76	1.28	−2.0	.64	10	11.5	sw.	48	sw.	24	9	12	9	5.2	.0	.0	4
Duluth [2]	1,133	5	47	974.9	1,016.6	+1.4	55.0	−.1	78	15	64	34	2	46	30	304	46	81	4.20	+.9	1.14	13	10.3	ne.	38	nw.	27	11	8	11	5.5	.0	.0	4
NORTH DAKOTA																																		
							56.9	−0.1										72	2.49	+0.9											6.0			
Fargo [1]	940	6	47	980.0	1,014.6	.0	57.2	−1.0	83	15	68	31	29	47	39	267	46	76	3.35	+1.1	1.88	9	13.3	s.	36	w.	27	5	12	13	6.2	.0	.0	2
Bismarck [1]	1,677	5	43	953.6	1,013.9	.0	58.1	+.8	93	14	71	28	28	45	40	263	45	69	2.23	+1.0	1.05	10	12.2	nw.	36	s.	16	1	19	10	5.4	.0	.0	3
Devils Lake	1,478	11	44	960.7	1,014.2	+.3	56.0	+.1	93	14	67	30	28	45	35	315	44	73	3.04	+1.4	1.63	9	8.8	s.	27	s.	16	6	11	13	6.4	.0	.0	4
Grand Forks [1]	832	4	41	984.1	1,014.6	----	55.2	----	85	16	66	31	29	44	36	319	46	78	3.13	----	2.48	7	----	s.	----	----	----	4	9	17	----	.0	.0	0
Williston	1,878	42	50	946.2	1,012.9	−.6	56.4	−.2	94	14	68	29	28	45	46	292	42	64	1.33	+.	2.70	9	7.1	w.	26	w.	16	8	9	13	6.2	T	.0	4
UPPER MISSISSIPPI																																		
							64.8	−0.2										77	3.96	+0.3											4.9			
Minneapolis-St. Paul [1]	919	43	74	982.7	1,015.9	+.3	59.8	−1.6	85	4	70	34	29	50	36	195	50	76	6.58	+3.4	2.57	10	11.0	se.	33	se.	27	10	10	10	5.4	.0	.0	4
Springfield, Minn.	1,025	4	42	979.3	1,016.6	----	60.0	----	87	4	71	33	29	49	44	196	----	----	6.60	----	2.52	11	----	se.	----	----	----	----	----	----	----	.0	.0	3
La Crosse [1]	714	5	29	991.2	1,017.6	+1.3	59.2	−2.2	82	6	70	32	30	48	32	200	52	83	6.11	+2.1	2.18	14	8.1	s.	34	s.	5	8	12	10	5.8	.0	.0	8
Madison [2]	974	70	78	983.1	1,018.6	+1.7	62.4	0	83	6	72	41	25	53	26	132	50	77	4.60	+.9	2.03	10	7.3	s.	20	sw.	24	10	12	8	5.2	.0	.0	7
Charles City	1,015	10	51	980.7	1,017.6	+1.7	60.8	−.2	86	5	72	34	29	50	36	170	----	----	4.39	+.7	1.26	12	6.3	s.	20	se.	5	12	6	12	5.1	.0	.0	7
Moline [1]	606	6	50	996.3	1,018.6	+1.7	64.8	+.9	88	8	77	36	30	52	35	99	54	75	3.47	−.1	1.03	9	8.0	s.	34	sw.	24	11	13	6	4.7	.0	.0	8
Des Moines [2]	860	5	99	----	1,018.0	+1.4	65.0	−.6	91	5	76	37	30	54	35	97	54	76	3.09	−.6	.82	10	9.0	se.	32	s.	27	9	13	8	5.0	.0	.0	8
Dubuque	699	60	79	992.9	1,018.3	+1.4	63.6	−.4	86	6	74	40	25	53	28	114	54	80	8.95	+4.9	4.51	12	4.9	s.	17	se.	22	9	15	6	4.8	.0	.0	8
Burlington [1]	702	4	36	992.6	1,018.0	+1.1	65.8	−.6	89	8	79	36	30	53	36	75	54	78	2.15	−2.3	.87	7	8.3	s.	34	sw.	24	11	14	5	4.3	.0	.0	7
Cairo	357	5	99	1,005.4	1,018.0	+.4	71.8	−.7	91	10	82	47	30	62	44	10	----	----	1.27	−1.6	.54	8	6.2	n.	22	nw.	23	9	9	12	5.6	.0	.0	3
Peoria [1]	609	6	26	996.6	1,019.0	+1.7	65.8	+2.5	90	7	78	37	30	54	34	76	53	74	2.32	−1.7	.75	6	8.1	s.	30	sw.	24	11	18	1	4.1	.0	.0	5
Springfield, Ill. [2]	636	5	191	995.6	1,018.6	+1.0	68.6	+1.0	90	6	80	42	30	57	32	40	55	78	3.06	−.6	1.54	7	10.4	s.	27	sw.	28	14	11	5	4.1	.0	.0	7
St. Louis [2]	568	35	303	998.0	1,018.3	+1.0	70.0	−.5	91	7	79	47	30	61	28	24	56	74	1.52	−1.9	.65	5	9.8	s.	26	sw.	24	11	12	7	4.4	.0	.0	2
MISSOURI VALLEY																																		
							66.1	−0.2										74	3.01	−0.1											4.7			
Columbia, Mo. [2]	784	6	66	989.8	1,018.0	+1.1	68.9	−.5	90	7	81	40	30	57	35	30	55	73	1.57	−2.8	.49	9	6.1	s.	29	w.	22	21	7	2	3.0	.0	.0	7
Kansas City [1]	963	39	76	990.2	1,017.3	+.7	69.3	+.4	92	5	80	42	30	59	--	37	56	68	2.45	−1.4	.68	7	9.6	s.	32	nw.	22	16	7	7	4.1	.0	.0	5
St. Joseph [2]	967	11	49	982.4	1,016.3	----	67.9	−.5	91	5	79	40	30	57	36	52	56	74	4.70	+.8	1.15	11	8.0	s.	28	nw.	27	15	9	6	3.9	.0	.0	6
Springfield, Mo. [1]	1,324	5	67	970.9	1,018.0	+1.1	68.4	0	91	5	80	36	30	57	37	37	56	75	1.27	−2.2	.67	7	10.4	se.	35	s.	22	9	10	11	5.3	.0	.0	4
Topeka	987	65	87	981.7	1,017.3	--	68.4	−.3	92	5	80	39	30	57	32	49	56	76	2.97	−.8	.88	8	8.0	s.	28	n.	22	15	6	9	4.5	.0	.0	6
Lincoln [2]	1,189	11	81	973.9	1,016.3	+.7	67.2	+.8	96	5	78	38	30	56	47	67	55	75	1.95	−1.0	.61	10	9.3	s.	34	nw.	5	9	8	13	5.8	.0	.0	7
Omaha [1]	1,105	5	68	976.6	1,016.3	+.4	65.8	+.1	92	5	77	36	30	55	35	84	55	74	3.73	+.5	2.08	12	10.5	s.	34	sw.	4	13	9	8	4.8	.0	.0	7
Valentine	2,598	46	54	923.8	1,014.9	+.3	62.0	−.5	98	4	74	35	29	50	42	156	48	68	3.64	+2.3	1.72	9	9.6	s.	27	s.	16	12	7	11	5.1	.0	.0	11
Sioux City [1]	1,138	5	40	974.9	1,015.6	+.3	62.8	−.3	94	5	74	33	29	51	44	128	54	80	4.25	+1.2	.86	13	9.8	s.	31	s.	4	11	8	11	5.4	.0	.0	8
Huron [1]	1,301	5	41	968.2	1,014.9	+.3	60.0	−1.3	90	4	73	32	29	48	46	193	50	76	3.55	+2.0	1.29	10	13.5	se.	36	nw.	22	9	12	9	5.6	.0	.0	2
NORTHERN SLOPE																																		
							5.74	+0.4										62	1.86	+0.6											5.7			
Billings [1]	3,570	16	40	891.0	1,013.9	---	58.9	−1.3	92	14	71	36	23	47	44	211	41	59	1.68	----	.96	7	10.4	sw.	47	nw.	15	6	14	10	6.0	.0	.0	3
Havre	2,507	11	67	925.5	1,013.9	.0	56.2	−.2	92	14	69	28	23	43	49	279	39	60	1.64	+.4	.72	8	8.2	w.	31	w.	20	7	8	15	6.4	.0	.0	2
Helena [1]	4,124	5	43	873.7	1,015.2	+.3	54.8	−.6	90	14	68	28	28	42	51	313	38	61	2.51	+1.3	1.18	10	8.1	w.	36	w.	21	6	11	13	6.3	.0	.0	4
Missoula [1]	3,263	4	32	902.5	1,015.9	----	54.8	+1.3	86	14	69	24	28	40	48	317	38	61	.78	−.5	.29	9	5.9	nw.	30	w.	3	9	9	12	5.6	.0	.0	1
Kalispell	2,973	48	56	911.6	1,014.2	−.4	53.8	+.3	82	1	65	30	28	42	38	340	42	66	1.30	+.1	.48	10	5.3	w.	25	sw.	20	8	6	16	6.4	.0	.0	1
Miles City [1]	2,371	5	78	930.2	1,013.9	−.3	59.1	--	93	3	71	34	29	47	41	226	44	67	4.60	----	2.28	10	----	nw.	----	----	----	8	8	14	6.4	.0	.0	0
Rapid City [1]	3,259	5	63	901.5	1,014.2	−.4	59.4	−.8	89	14	73	34	28	46	37	212	44	63	3.94	+2.7	1.34	10	13.5	s.	56	nw.	21	8	14	8	5.4	T	.0	7
Cheyenne [1]	6,094	5	40	814.8	1,014.2	−.4	56.7	−.3	85	3	71	28	23	42	46	257	38	58	.81	−.4	.40	8	10.1	w.	35	n.	21	13	6	11	5.1	.0	.0	5
Lander	5,352	60	68	836.1	1,014.6	.0	56.5	+.8	84	2	71	30	23	42	40	266	34	49	1.44	+.5	.64	9	7.5	sw.	60	w.	21	13	13	4	4.1	.0	.0	7
Sheridan [1]	3,790	5	38	884.2	1,014.6	----	58.3	+2.0	91	14	72	33	29	44	50	222	40	62	2.14	+.9	.72	11	7.6	nw.	43	nw.	21	8	12	10	5.9	.0	.0	4
North Platte [2]	2,821	11	51	916.7	1,014.2	−.7	64.5	+2.4	10	14	77	32	29	52	47	103	51	72	2.21	+.9	1.31	6	7.9	s.	21	ne.	29	8	13	9	5.4	.0	.0	6

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR SEPTEMBER 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							68.7	−0.1										66	2.41	+0.2											4.8			
Denver [2]	5,292	106	113	838.8	1,013.5	−1.1	64.3	+1.4	91	4	77	33	22	51	41	99	40	52	.88	−.1	.55	9	6.9	s.	25	ne.	22	11	14	5	4.6	.0	.0	5
Pueblo [1]	4,690	5	36	857.1	1,013.2	−1.4	65.4	+.8	94	4	82	30	23	49	50	83	44	56	.13	−.6	.08	3	7.1	nw.	29	w.	15	16	7	7	3.9	.0	.0	2
Concordia	1,392	50	58	966.5	1,015.6	.0	66.6	−1.7	95	5	77	38	30	56	39	75	56	74	8.94	+6.3	4.62	9	8.2	s.	26	se.	28	12	6	12	5.2	.0	.0	10
Dodge City [1]	2,509	5	58	927.9	1,014.6	−.6	68.2	−1.2	94	4	80	41	30	57	35	64	56	72	2.16	+.3	.98	6	17.5	s.	46	n.	22	11	8	11	5.3	.0	.0	5
Wichita [1]	1,358	6	64	968.2	1,015.9	.0	71.0	+.4	95	5	83	39	30	59	35	36	54	64	1.27	−1.8	.45	5	14.5	se.	49	nw.	22	10	11	9	5.1	.0	.0	4
Oklahoma City [2]	1,214	10	47	973.2	1,015.9	−.3	73.0	+.2	91	6	84	43	30	62	36	16	60	72	1.70	−1.4	.76	6	8.3	s.	22	n.	22	13	9	8	4.9	.0	.0	4
Tulsa [1]	674	10	60	992.2	1,016.3	----	72.2	−.7	92	5	84	42	30	60	35	19	58	71	1.77	−1.3	.83	7	9.5	s.	34	nw.	22	11	13	6	4.8	.0	.0	5
SOUTHERN SLOPE							74.3	+1.6										71	2.29	−0.2											6.0			
Abilene [1]	1,738	4	59	954.3	1,013.9	−.7	75.2	+1.4	97	22	85	51	30	66	35	5	62	71	1.42	1.3	.98	5	13.7	se.	40	n.	22	5	9	16	6.7	.0	.0	4
Amarillo [1]	3,676	5	42	890.3	1,014.1	−.5	68.5	+.7	92	9	80	38	23	57	38	64	58	76	3.25	+1.0	2.03	4	15.3	s.	40	n.	22	11	12	7	5.1	.0	.0	4
Del Rio	960	63	71	979.3	1,011.9	−2.0	81.2	+2.0	102	22	89	62	23	73	27	0	67	68	1.56	−1.4	.53	7	9.5	e.	24	se.	13	5	10	15	6.9	.0	.0	3
Roswell	3,566	75	85	893.3	1,013.5	+.3	72.4	+2.1	94	27	84	46	23	61	38	21	58	69	2.93	+.8	1.63	12	7.2	s.	31	ne.	28	7	15	8	5.4	.0	.0	9
SOUTHERN PLATEAU							76.9	+2.9										51	1.55	+0.6											4.2			
El Paso [1]	3,778	29	85	885.9	1,010.8	−1.1	76.8	+4.5	97	10	88	56	23	66	30	4	56	55	1.51	+.3	.90	5	8.7	s.	42	nw.	20	9	12	9	5.3	.0	.0	11
Albuquerque [1]	5,314	5	45	839.1	1,011.5	----	71.3	+3.4	91	6	84	47	21	59	35	12	46	47	.57	−.2	.25	7	9.2	se.	42	se.	28	11	12	7	5.0	.0	.0	3
Flagstaff	6,907	36	51	793.4	1,016.3	+4.1	60.4	+3.2	83	3	77	35	24	44	45	134	40	56	1.53	−.2	.46	7	----	nw.	--	------		16	9	5	4.0	.0	.0	5
Phoenix [2]	1,107	39	87	970.5	1,008.5	−1.0	84.6	+1.9	108	12	98	65	3	72	40	0	58	49	2.88	+2.1	2.46	5	6.4	e.	26	se.	30	20	4	6	3.6	.0	.0	4
Tucson [1]	2,555	5	39	923.5	1,009.5	----	81.0	+1.3	102	12	93	61	22	69	34	0	58	52	2.26	+1.1	.75	8	----	se.	--	------	--	10	13	7	5.0	.0	.0	7
Yuma	142	9	54	1,002.4	1,007.1	−1.4	87.0	+3.3	112	12	102	65	2	72	42	0	56	46	.55	+.2	.39	2	4.9	sw.	18	s.	27	23	4	3	2.4	.0	.0	1
MIDDLE PLATEAU							62.2	+1.0										40	0.33	−0.3											3.0			
Reno [1]	4,527	20	52	862.2	1,014.2	.0	59.3	+1.3	92	13	81	27	17	37	58	170	33	48	.10	−.2	.06	3	6.3	w.	32	s.	15	21	7	2	2.5	.0	.0	0
Winnemucca	4,339	5	56	868.3	1,014.6	+1.1	59.6	+.4	93	13	79	29	17	40	56	173	30	38	.59	+.2	.30	3	7.2	sw.	27	sw.	30	21	4	5	3.0	.0	.0	1
Modena	5,473	10	46	834.1	1,012.5	−.7	61.0	+1.0	88	12	80	26	19	42	50	139	----	---	.56	−.2	.55	2	9.7	sw.	25	sw.	1	19	7	4	2.9	.0	.0	1
Salt Lake City [1]	4,227	32	58	867.3	1,013.2	−1.0	63.4	+.7	90	11	79	32	18	48	42	137	37	42	.30	−.7	.19	2	10.1	se.	34	sw.	15	18	9	3	3.2	T	.0	5
Grand Junction [6]	4,602	60	68	860.1	1,013.5	−.7	67.7	+1.5	93	4	83	37	24	52	41	62	32	31	.12	−.8	.07	3	6.3	se.	23	s.	16	16	9	5	3.5	.0	.0	2
NORTHERN PLATEAU							59.3	−0.6										55	0.89	+0.2											5.1			
Baker [2]	3,471	36	54	895.7	1,015.9	+.3	55.2	−.8	87	13	71	27	28	40	45	295	34	60	.70	0	.48	7	5.6	se.	23	sw.	30	14	5	11	5.0	.0	.0	5
Boise [1]	2,739	5	49	919.1	1,013.9	−1.0	61.0	−.2	93	13	76	33	28	46	42	167	38	47	.16	−.4	.13	2	9.2	se.	29	nw.	21	14	10	6	4.2	.0	.0	2
Pocatello [1]	4,478	5	31	863.9	1,015.6	+1.0	58.0	−1.3	89	14	74	27	18	42	53	220	32	45	.90	+.2	.69	5	9.2	sw.	34	s.	14	11	13	6	4.6	.0	.0	1
Spokane [1]	1,929	27	42	946.5	1,014.9	−.3	58.8	−.4	87	1	72	33	28	46	42	208	42	58	1.76	+.9	.91	8	6.4	ne.	25	s.	26	6	12	12	6.0	.0	.0	3
Walla Walla	991	57	65	979.3	1,014.9	−1.0	63.4	−.4	88	10	74	40	28	52	35	103	----	---	1.27	+.3	.62	7	5.0	s.	20	w.	26	11	9	10	5.0	.0	.0	3
Yakima [1]	1,076	58	67	------	1,014.9	----	59.8	------	86	10	76	32	28	44	43	168	4	64	.54	0	.25	6	----	------	--	------	--	8	8	14	5.9	.0	.0	3
NORTH PACIFIC COAST							59.8	+0.6										74	1.82	−0.4											6.0			
North Head	211	5	55	1,008.8	1,016.3	−.6	57.2	+.7	84	9	62	46	27	52	35	234	53	88	2.03	−1.0	.59	13	11.7	nw.	36	s.	13	5	6	19	7.1	.0	.0	1
Seattle [2]	125	90	321	1,011.9	1,016.3	.0	60.6	+.3	85	10	69	45	29	53	31	141	50	74	1.36	−.4	.74	9	7.4	s.	31	sw.	15	7	10	13	5.9	.0	.0	1
Tacoma	194	172	201	1,009.5	1,016.3	−.3	59.0	+1.7	84	10	67	42	28	51	31	185	----	---	2.65	+.6	1.03	10	6.5	n.	24	sw.	10	7	11	12	6.1	.0	.0	0
Tatoosh Island	86	9	61	1,013.5	1,016.6	+.3	53.9	+.9	67	9	58	45	9	50	22	330	50	90	4.12	−.6	1.89	13	11.0	s.	42	s.	13	3	9	18	7.7	.0	.0	0
Medford [1]	1,329	29	58	967.5	1,014.9	----	63.1	−.4	94	23	80	38	27	46	50	83	42	54	.23	−.4	.16	3	----	nw.	--	------	--	16	9	5	3.8	.0	.0	0
Portland, Oreg. [2]	154	68	106	1,010.5	1,016.3	+.6	63.0	+1.3	84	9	72	43	27	54	30	95	51	72	1.40	−.6	.76	6	5.1	nw.	17	ne.	9	6	10	14	6.5	.0	.0	0
Roseburg	510	45	76	997.3	1,015.9	−.7	61.8	−1.1	92	9	76	39	28	48	45	118	48	68	.96	−.3	.62	5	3.8	nw.	27	w.	15	12	10	8	4.7	.0	.0	0
MIDDLE PACIFIC COAST							66.3	+1.5										59	0.12	−0.5											3.2			
Eureka	60	72	88	1,013.9	1,016.3	.0	56.5	+.6	76	23	63	41	30	50	29	253	50	82	.32	−.7	.17	3	5.7	nw.	26	n.	17	9	10	11	5.5	.0	.0	1
Red Bluff [1]	353	5	26	999.0	1,011.5	----	74.4	+1.3	100	24	90	52	10	59	38	1	37	30	.07	−.7	.07	2	7.4	nw.	26	se.	30	23	6	1	2.1	.0	.0	0
Sacramento	66	92	115	1,009.1	1,011.5	−.7	71.6	+2.3	95	28	87	50	12	56	42	2	46	50	.04	−.3	.04	1	7.1	s.	23	nw.	17	24	5	1	1.5	.0	.0	0
San Francisco [2]	155	112	132	1,007.5	1,013.2	−.7	62.8	+1.9	91	22	70	50	9	55	30	117	51	74	.06	−.4	.06	1	9.0	w.	26	w.	30	13	14	3	3.8	.0	.0	0
SOUTH PACIFIC COAST							72.9	+3.2										62	0.05	−0.1											3.4			
Fresno [1]	327	5	34	999.0	1,010.5	−1.0	74.7	+2.7	101	24	92	49	17	57	42	0	48	45	.14	−.1	.63	1	5.9	nw.	20	nw.	14	22	6	2	2.4	.0	.0	1
Los Angeles	338	223	250	999.0	1,011.2	−.7	73.0	+4.0	95	29	84	57	2	62	32	0	56	64	.02	−.2	.02	1	5.6	w.	22	s.	29	18	9	3	3.4	.0	.0	1
San Diego [1]	87	20	55	1,007.8	1,010.8	−1.4	71.0	+2.8	90	18	78	59	17	64	24	0	62	78	T	−.1	T	0	6.1	nw.	17	nw.	2	14	13	3	4.3	.0	.0	0
PANAMA CANAL																																		
Balboa Heights	118	6	92	------	[3]1,009.5	−.3	80.3	+.3	91	10	86	71	4	74	17	0	74	[3]90	2.62	−5.4	----	13	5.2	nw.	18	nw.	26	1	15	14	7.2	.0	.0	12
Cristobal	23	37	92	------	[3]1,009.5	−.7	79.4	−.8	88	21	83	72	12	76	13	0	75	[3]87	14.12	+1.5	2.68	22	6.4	nw.	26	n.	12	0	6	24	8.0	.0	.0	9
ALASKA																																		
Anchorage [1]	132	6	44	1,004.4	1,009.5	----	47.4	−.4	64	3	57	20	24	38	32	526	40	77	1.24	−1.3	.42	11	4.6	n.	23	n.	23	10	4	16	5.9	.0	.0	1
Fairbanks [1]	455	5	63	993.9	1,011.2	----	42.6	−1.0	69	17	52	12	28	33	34	676	36	77	.81	−.5	.22	11	5.3	nw.	24	e.	16	3	7	20	7.5	T	.0	0
Juneau [1]	80	6	30	1,007.5	1,010.5	----	49.4	------	68	6	57	35	16	42	31	470	42	78	4.90	------	1.83	18	7.4	n.	34	se.	18	4	6	20	7.7	T	.0	0
Nome	22	25	56	1,010.8	1,011.5	----	41.6	−.1	54	18	47	24	26	36	20	702	38	86	2.02	−.7	----	10	9.5	n.	34	ne.	30	2	8	20	7.8	T	.0	0
Barrow	29	5	27	1,014.9	1,015.2	----	27.3	−3.5	45	4	31	8	30	24	17	1,131	26	93	.50	−.2	.17	12	13.0	------	36	------	5	0	0	30	9.5	2.8	2.6	0
Bethel	28	5	31	1,009.5	1,010.5	----	45.8	+.8	69	6	52	29	27	40	23	576	41	82	1.23	−2.9	.50	13	9.0	n.	27	------	7	4	7	19	7.6	T	.0	0
Cordova	45	5	32	1,006.4	1,008.5	----	47.8	------	66	9	57	22	25	38	32	516	40	74	5.03	------	1.53	14	----	ne.	22	n.	22	9	6	15	6.1	.0	.0	0
Gambell	32	5	32	1,012.5	1,013.5	----	38.8	−2.5	46	6	41	31	14	36	8	786	36	90	.81	−1.2	----	----	17.0	n.	--	------		0	6	24	9.0	.0	.0	0
Ketchikan	25	69	90	1,010.8	1,011.5	----	53.4	−.3	69	5	58	41	20	48	20	350	48	84	15.91	+3.8	3.29	17	7.8	se.	27	se.	27	3	5	22	8.0	.0	.0	0
Kotzebue	20	5	31	1,011.2	1,011.9	----	38.6	−2.1	56	17	44	18	27	33	22	793	34	82	1.78	+.9	----	11	11.0	nw.	27	nw.	22	3	8	19	7.3	T	.0	0
McGrath	341	5	31	997.6	1,010.8	----	43.2	−1.3	70	6	51	15	28	36	30	653	38	81	1.95	−.5	.46	12	----	n.	25	s.	7	5	1	24	7.7	T	.0	0
Northway	1,718	5	32	947.9	1,011.2	----	42.4	−.1	74	7	52	12	30	32	31	678	36	74	2.01	------	1.52	9	5.6	nw.	34	------	23	5	5	20	7.1	T	.0	0
HAWAII																																		
Honolulu	38	86	100	1,013.9	1,015.2	----	78.8	+.6	85	9	83	72	30	74	11	0	----	---	.61	−.7	.17	10	9.5	ne.	23	ne.	5	10	17	3	4.8	.0	.0	0

[1] Data are airport records.
[2] Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.
[3] Observations taken bihourly.
[4] Pressure (adjusted to old city elevation), temperature, and hygrometric data from airport; otherwise city office records.
[5] Temperature and precipitation from city records; other data from airport.
[6] Data from airport, except wind.

NOTE.—Except as indicated by notes [1], [2], [4], and [6] data in table are city office records.