CLIMATOLOGICAL DATA FOR SEPTEMBER 1945

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS

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

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

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

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

Section	Temperature								Precipitation					
	Section average	Departure from the normal	Monthly extremes						Section average	Departure from the normal	Greatest monthly		Least monthly	
			Station	Highest	Date	Station	Lowest	Date			Station	Amount	Station	Amount
	°F.	°F.		°F.			°F.		In.	In.		In.		In.
Alabama	78.3	+2.6	2 stations	102	[1] 1	Valley Head	46	15	3.46	+0.12	Fairhope	9.87	Pushmataha	0.69
Arizona	74.2	+1.4	Mohawk	118	14	Alpine	20	30	.25	−1.07	Natural Bridge	2.39	23 stations	.00
Arkansas	74.0	−.3	Morrilton	104	1	White Rock	39	13	7.85	+4.48	White Rock	14.29	El Dorado	2.25
California	69.6	+1.9	2 stations	119	[1] 11	Boca	18	[1] 27	.15	−.28	Aguanga (near)	2.45	92 stations	.00
Colorado	59.4	+1.3	Eversoll Ranch	103	4	Spicer	10	28	1.08	−.29	Holyoke	4.23	Olathe (near)	.00
Florida	80.8	+1.3	4 stations	98	[1] 10	Niceville	59	23	8.41	+1.73	Melbourne	18.77	Bradenton	2.02
Georgia	77.3	+1.9	Columbus	101	10	Blairsville	43	[1] 12	5.32	+1.69	Brunswick	18.03	Milledgeville	2.02
Idaho	54.4	−2.7	Kooskia	107	1	Landmark	12	9	1.76	+.69	Clark Fork	5.60	Deer Flat	.13
Illinois	67.3	−.5	Quincy (city)	101	4	Marengo	32	30	7.70	+4.00	2 stations	11.24	Mount Carroll	4.51
Indiana	68.2	+1.0	La Porte	98	7	Howe	34	30	6.43	+3.10	Mount Vernon	10.84	Evans Landing	2.88
Iowa	62.9	−1.0	2 stations	100	14	Sibley	21	29	4.37	+.58	Ottumwa	10.65	Estherville	1.14
Kansas	69.2	−.5	do	108	4	2 stations	22	29	4.89	+2.05	Fredonia	18.45	Scott City	.93
Kentucky	72.5	+1.9	Dix Dam	101	1	Farmers	43	12	3.44	+.53	Jackson	8.74	High Bridge	.89
Louisiana	79.0	+1.1	2 stations	100	[1] 1	2 stations	48	[1] 14	3.97	−.06	Schriever	12.42	Logansport	.58
Maryland-Delaware	70.8	+2.9	do	94	19	Frostburg, Md	37	22	5.35	+1.99	Oakland, Md	9.36	Annapolis, Md	3.39
Michigan	59.5	−.9	Adrian	96	15	Kenton	12	29	5.02	+1.82	Mount Pleasant	10.54	Marquette	2.06
Minnesota	56.7	−2.3	Wheaton	102	5	3 stations	18	28	3.50	+.65	Hallock	6.04	Canby	1.65
Mississippi	77.8	+1.9	4 stations	99	[1] 1	Edenburg	47	14	3.76	+.68	Deeson	9.00	Pelahatchee	.59
Missouri	69.4	+.1	Clinton	103	4	Grant City	36	29	9.46	+5.38	Buffalo	18.36	Tarkio	3.59
Montana	53.0	−2.2	2 stations	104	2	Summit	10	27	1.85	+.49	Heron	7.94	Lima	.50
Nebraska	62.6	−1.7	3 stations	107	4	2 stations	18	29	2.63	+.57	Weeping Water	6.10	Bloomfield	.86
Nevada	62.2	+.8	Mesquite	112	11	Ruby Lake	10	24	.37	−.05	Fish Creek Ranch	2.93	16 stations	.00
New England	62.7	+2.4	Bangor, Maine	99	7	Woodstock, N. H.	23	30	3.52	−.27	Craftsbury Common, Vt.	9.67	North Truro, Mass	.50
New Jersey	69.0	+3.2	Runyon	96	7	3 stations	39	30	4.68	+.90	Plainfield	8.85	Tuckerton	1.77
New Mexico	65.1	+.7	Hagerman	108	5	Eagle Nest	13	25	1.00	−.76	Endee	3.89	5 stations	.00
New York	63.8	+2.6	Carmel	98	8	3 stations	25	30	6.27	+2.75	Big Moose	12.15	Orient	.75
North Carolina	73.8	+2.8	2 stations	99	19	2 stations	42	12	9.66	+5.55	Rockingham	16.41	Tapoco	2.96
North Dakota	54.5	−2.3	Linton	103	5	do	14	[1] 28	2.14	+.59	Pembina	5.87	New Hradec	.75
Ohio	67.8	+2.1	Napoleon	99	7	Hiram	34	30	5.30	+2.36	Coshocton	10.40	Peebles	1.78
Oklahoma	73.6	−.6	2 stations	110	4	Boise City	29	28	8.25	+5.02	Wyandotte	16.82	Cordell	1.46
Oregon	56.9	−1.0	Illahe	104	[1] 10	Fremont	8	27	1.40	+.21	Valsetz	9.53	Fremont	.05
Pennsylvania	65.9	+1.7	2 stations	96	[1] 1	2 stations	29	30	6.42	+2.97	Wilkes Barre	10.39	Marcus Hook	3.42
South Carolina	76.9	+2.4	Miley	100	10	do	51	[1] 12	11.81	+7.71	Society Hill	19.28	Clemson College	3.80
South Dakota	59.6	−1.9	Faith	108	6	do	15	[1] 28	1.99	+.48	Spearfish	5.58	Kennebec	.76
Tennessee	73.6	+2.1	2 stations	100	[1] 1	Crossville	41	15	3.52	+.46	Selmer	7.47	Etowah	.92
Texas	77.8	+.5	Presidio	108	8	Mount Locke	29	29	2.75	−.24	Henrietta	9.06	El Paso	.12
Utah	59.1	−.7	Zion Nat'l Park	103	5	Woodruff	13	19	.78	−.24	Brigham City	2.71	6 stations	.00
Virginia	71.5	+2.9	Warsaw	98	1	2 stations	40	12	7.26	+4.04	Randolph	13.12	Clinchport	2.94
Washington	57.1	−1.8	4 stations	97	[1] 1	Omak Airport	20	27	2.93	+1.30	Cedar Lake	12.67	2 stations	.00
West Virginia	68.4	+2.1	Huntington	98	[1] 7	3 stations	35	[1] 12	7.18	+4.20	Salem	13.35	Williamson	2.50
Wisconsin	59.2	−1.1	Eau Claire	97	5	Mellen	15	29	3.78	+.07	Beloit	8.67	Ashland	1.16
Wyoming	52.7	−2.1	Morrisey	101	3	Ross	7	28	1.78	+.63	Alva	3.95	Powell	.35
Alaska (August)	51.0	−1.3	2 stations	81	[1] 6	Wiseman	22	28	4.81	+1.28	Whittier	23.09	Wainwright	.24
Hawaii	74.7	−.1	Waianae	93	16	Haleakala Ranger Station.	40	6	3.25	−2.60	Kukui	16.00	12 stations	.00
Puerto Rico	78.5	−.9	Pattillas Dam	103	18	Cayey	57	22	6.41	−1.37	Mona Island	26.67	Coamo Dam	1.38

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR SEPTEMBER 1945

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean 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							63.6	+3.2										84	2.93	−0.2											5.6			
Eastport	75	67	85	1,018.0	1,020.7	+3.8	57.8	+2.0	92	7	65	38	30	51	34	239	52	84	2.07	−.7	.84	11	9.2	sw.	30	s.	1	9	6	15	6.4	0.0	0.0	2
Greenville, Maine	1,070	6	41	981.4	1,021.3	----	56.3	+1.1	89	8	68	29	23	45	38	284	50	...	6.66	+2.9	2.46	15	----	s.	--	------	--	7	9	14	---	.0	.0	3
Portland, Maine [1]	103	5	43	1,016.9	1,021.0	+3.4	60.6	+1.0	95	7	72	32	30	50	42	176	56	87	3.84	+.7	1.46	12	8.2	s.	27	s.	1	10	6	14	5.8	.0	.0	5
Concord [1]	289	5	45	1,010.5	1,021.7	+3.7	61.4	+3.4	93	7	74	32	30	49	40	164	54	84	1.69	−1.8	.53	11	6.9	nw.	28	nw.	21	6	12	12	6.7	.0	.0	2
Burlington [1]	403	5	51	1,005.1	1,020.3	+2.3	62.6	+2.3	94	8	73	31	30	52	34	171	55	82	8.18	+4.7	2.23	14	9.8	s.	30	s.	24	5	8	17	6.7	.0	.0	7
Boston [1]	124	33	62	1,016.6	1,021.3	+3.0	67.1	+3.9	95	7	76	40	30	58	41	71	56	76	1.81	−1.3	1.13	9	11.0	sw.	33	sw.	1	8	6	16	6.3	.0	.0	4
Nantucket	12	11	59	1,021.0	1,021.7	+3.1	65.9	+3.1	80	12	72	44	30	59	23	56	60	88	.69	−1.8	.34	6	12.3	sw.	31	n.	30	8	8	14	6.1	.0	.0	2
Block Island	26	11	46	1,019.6	1,021.0	+2.4	66.0	+2.6	81	8	72	47	30	60	23	47	62	88	.84	−1.8	.47	10	14.2	sw.	41	e.	18	8	9	13	5.8	.0	.0	3
Providence [5]	159	46	60	1,015.6	1,021.7	+3.4	68.4	+5.2	96	7	78	41	30	58	39	60	58	82	1.87	−1.3	.71	8	8.1	sw.	27	sw.	15	7	8	15	6.0	.0	.0	5
Hartford [1]	159	5	44	------	1,020.7	+2.4	66.6	+4.9	94	8	77	39	30	56	...	77	58	82	1.59	−1.9	.79	7	7.7	s.	26	s.	1	10	4	16	----	.0	.0	0
New Haven [1]	107	5	39	1,017.3	1,021.7	+3.4	67.0	+5.2	86	8	75	43	30	59	29	64	60	82	3.00	−.2	.67	10	6.8	sw.	21	e.	18	10	4	16	5.9	.0	.0	4
MIDDLE ATLANTIC							70.5	+3.5										83	5.26	+2.1											6.3			
Albany [1]	97	26	40	1,016.6	1,020.7	+2.4	64.8	+3.6	96	7	75	36	30	55	31	111	57	82	5.83	+3.0	2.80	11	8.3	s.	29	w.	21	8	7	15	6.1	.0	.0	6
Binghamton [2]	871	60	79	989.2	1,021.3	+3.0	65.0	+3.7	91	8	75	34	30	55	34	114	56	87	7.28	+4.2	2.56	14	5.4	e.	19	w.	21	11	4	15	5.9	.0	.0	8
New York	314	415	454	1,009.1	1,020.7	+2.1	69.7	+2.9	89	8	76	45	30	63	35	33	60	77	5.38	+2.0	2.79	10	12.5	s.	43	nw.	21	9	8	13	6.0	.0	.0	3
Harrisburg [1]	374	30	49	1,007.1	1,021.0	+2.4	68.3	+2.5	90	8	78	45	30	59	36	56	60	82	5.41	+2.4	1.77	10	6.7	sw.	24	s.	14	4	9	17	7.0	.0	.0	3
Philadelphia [1]	114	5	57	1,016.6	1,021.0	+2.4	70.9	+2.9	90	1	78	49	30	63	30	31	62	76	3.96	+.8	1.88	10	6.8	sw.	25	sw.	1	5	10	15	6.7	.0	.0	6
Reading	323	47	306	1,009.1	1,021.0	----	69.2	+2.6	90	1	78	47	30	60	34	44	----	---	6.87	+3.7	3.05	12	9.9	se.	29	s.	1	4	14	12	6.1	.0	.0	4
Scranton	805	72	104	991.9	1,021.0	+2.7	66.0	+3.1	91	8	76	41	30	57	32	83	----	---	4.52	+1.4	1.27	14	5.7	n.	22	nw.	21	8	10	12	6.0	.0	.0	7
Atlantic City	52	37	172	1,018.6	1,020.7	+2.4	70.2	+3.4	84	15	75	52	30	65	20	19	64	86	2.28	−.4	1.23	9	14.7	s.	52	ne.	17	5	10	15	7.0	.0	.0	3
Trenton	190	89	107	1,013.9	1,021.0	----	69.4	+2.5	89	1	77	47	30	61	32	44	60	80	5.21	+1.8	1.39	11	8.2	s.	23	s.	1	7	6	17	6.6	.0	.0	6
Baltimore [2]	123	100	215	1,016.3	1,020.7	+2.1	72.6	+4.1	91	1	80	52	30	65	32	19	64	80	5.06	+1.7	2.58	11	9.3	s.	38	ne.	18	7	12	11	6.3	.0	.0	5
Washington [2]	112	56	100	1,016.3	1,020.3	+1.7	73.2	+5.1	94	29	82	52	22	64	36	16	64	80	4.56	+1.3	2.50	13	6.3	s.	24	ne.	17	6	9	15	6.4	.0	.0	5
Cape Henry	18	8	54	1,019.0	1,020.0	----	76.2	+4.4	90	11	82	64	13	71	19	0	70	86	3.53	+.7	1.43	10	11.6	ne.	43	e.	17	11	7	12	5.8	.0	.0	5
Lynchburg [1]	686	4	50	995.6	1,020.0	+1.6	71.4	+3.5	92	10	80	50	30	63	27	19	64	86	6.90	+3.6	1.69	17	8.2	ne.	35	e.	17	6	10	14	6.4	.0	.0	10
Norfolk [2]	91	80	125	1,016.9	1,020.7	+2.7	76.2	+4.6	91	14	82	63	30	70	20	0	69	88	5.74	+2.5	1.95	13	9.0	ne.	29	e.	17	6	10	14	6.5	.0	.0	4
Richmond	144	11	52	1,014.6	1,020.0	+1.7	74.4	+3.9	91	9	83	54	30	66	25	3	66	87	6.44	+3.2	2.61	16	7.1	ne.	24	ne.	17	5	14	11	6.3	.0	.0	7
SOUTH ATLANTIC							77.0	+4.1										86	10.40	+6.2											5.6			
Asheville	2,253	77	92	941.8	1,019.6	+1.3	69.6	+4.6	88	10	79	50	12	60	30	18	60	84	4.47	+1.4	2.03	12	6.9	se.	22	se.	13	5	17	8	5.9	.0	.0	6
Charlotte [2]	779	63	86	991.5	1,019.6	+1.3	75.4	+3.9	93	10	84	58	30	67	27	3	66	86	12.66	+9.7	4.12	12	5.8	ne.	24	n.	17	5	10	15	6.6	.0	.0	6
Greensboro [1]	886	6	56	988.5	1,020.3	----	72.8	+3.0	92	9	82	53	30	63	30	11	66	89	10.99	+7.7	3.52	11	7.2	ne.	34	ne.	17	6	11	13	6.1	.0	.0	6
Hatteras	11	5	50	1,019.0	1,019.6	+1.6	78.3	+3.8	86	21	83	70	30	74	14	0	73	86	6.44	+1.8	1.95	14	11.0	s.	36	nw.	15	12	9	9	5.2	.0	.0	6
Raleigh [1]	376	5	69	1,006.1	1,020.0	+1.7	75.6	+4.5	94	9	84	56	30	67	24	0	68	90	11.58	+8.0	4.47	11	6.0	sw.	26	sw.	14	6	13	11	6.5	.0	.0	4
Wilmington	72	73	107	1,016.6	1,019.0	+1.4	78.8	+5.7	94	23	86	68	20	72	22	0	72	86	8.96	+4.4	3.57	11	7.7	s.	32	e.	17	13	11	6	4.6	.0	.0	7
Charleston [2]	48	11	92	1,016.3	1,018.3	+1.0	80.4	+3.8	96	9	86	69	17	75	21	0	72	90	16.24	+11.7	6.69	14	10.5	e.	57	e.	17	10	15	5	4.6	.0	.0	6
Columbia, S. C. [2]	347	70	91	1,006.1	1,018.6	+1.0	77.8	+3.3	98	10	86	62	12	69	27	0	70	86	10.54	+7.1	4.34	15	6.9	s.	24	n.	17	11	11	8	5.3	.0	.0	8
Greenville, S. C. [1]	1,040	18	36	982.1	1,019.0	----	74.8	+4.2	93	10	84	58	19	66	28	4	66	82	8.10	+4.4	4.11	14	8.0	ne.	34	n.	17	5	17	8	5.8	.0	.0	5
Augusta [2]	182	62	77	1,011.5	1,018.0	+.4	78.8	+3.5	98	10	88	62	12	70	29	0	68	80	4.78	+1.4	1.54	12	5.5	s.	24	n.	17	6	11	13	6.2	.0	.0	6
Savannah [4]	65	73	152	1,015.6	1,018.0	+1.1	80.1	+5.8	98	9	89	67	18	72	26	0	72	90	15.72	+10.3	8.82	15	9.9	sw.	36	n.	17	10	14	6	5.0	.0	.0	11
Jacksonville [2]	43	86	110	1,015.9	1,018.0	+2.1	81.2	+2.9	97	10	89	69	17	74	21	0	72	84	14.27	+6.9	6.74	16	8.0	e.	37	ne.	16	8	16	6	5.3	.0	.0	7
FLORIDA PENINSULA							81.2	+0.2										84	8.01	+0.7											5.7			
Key West [2]	21	10	64	1,014.2	1,015.2	+1.3	82.4	+.2	90	23	88	69	30	77	17	0	75	82	8.04	+1.3	4.23	19	10.6	e.	29	se.	30	10	13	7	5.0	.0	.0	6
Miami [2]	25	242	249	1,014.6	1,015.6	+.7	79.6	−1.3	87	12	84	69	14	76	16	0	74	85	7.79	−.9	2.07	20	15.3	e.	86	se.	15	1	23	6	6.2	.0	.0	5
Tampa [1]	35	6	43	1,014.9	1,016.3	+1.4	81.6	+1.7	93	19	89	69	3	74	22	0	74	86	8.19	+1.8	1.87	13	9.9	e.	35	n.	16	3	20	7	5.9	.0	.0	15
EAST GULF							78.7	+3.0										83	4.08	−0.2											5.1			
Atlanta [1]	1,173	33	72	977.3	1,018.0	+.4	76.2	+3.4	95	9	85	59	18	67	30	0	64	76	3.05	.0	1.79	8	9.4	e.	29	e.	4	6	16	8	5.5	.0	.0	5
Macon [2]	370	79	87	1,004.4	1,017.6	+.7	78.2	+3.4	97	10	87	60	12	69	31	0	68	80	2.80	−.4	1.31	12	6.2	e.	25	sw.	13	5	12	13	6.4	.0	.0	8
Thomasville	273	49	58	1,007.5	1,017.6	+1.3	80.0	+3.2	95	2	90	64	3	70	28	0	----	---	3.99	−.9	.72	13	----	------	--	------	--	3	12	15	---	.0	.0	9
Apalachicola	35	11	51	1,015.2	1,016.6	----	80.8	+2.3	92	10	86	67	17	75	20	0	73	82	2.65	−5.4	1.06	10	9.4	se.	26	se.	28	11	12	7	5.0	.0	.0	13
Pensacola	56	54	79	1,014.9	1,016.9	+1.3	79.8	+1.8	93	10	87	64	15	73	26	0	72	85	8.11	+2.8	3.11	10	7.5	se.	26	se.	29	12	13	5	4.3	.0	.0	9
Anniston	741	9	---	------	------	----	75.3	+4.0	92	9	86	51	15	65	31	2	----	---	2.73	−.9	1.74	7	---	nw.	--	------	--	17	10	3	---	.0	.0	2
Birmingham [1]	700	5	62	992.9	1,018.0	+1.1	76.4	+3.2	98	1	88	51	15	65	33	1	66	80	3.79	------	1.18	10	7.5	ne.	34	nw.	10	9	17	4	4.9	.0	.0	7
Mobile [2]	57	86	161	1,014.6	1,016.9	+1.0	80.6	+2.5	96	1	88	61	15	73	21	0	70	86	5.41	+.4	2.05	10	6.0	e.	18	sw.	13	6	17	7	5.4	.0	.0	11
Montgomery [2]	218	92	105	1,007.5	1,017.6	+1.0	79.6	+3.3	96	9	89	60	15	70	25	0	69	83	4.92	+1.9	2.08	10	6.5	e.	23	se.	5	10	17	3	4.5	.0	.0	5
Meridian [2]	375	67	92	1,003.7	1,017.3	+.7	78.4	+3.9	99	1	89	53	15	68	30	0	66	82	1.72	−1.2	.39	11	5.4	n.	22	n.	10	12	14	4	4.2	.0	.0	8
Vicksburg [2]	247	82	102	1,007.5	1,016.6	.0	78.2	+1.9	93	28	87	55	16	69	26	0	69	92	3.37	+.5	1.86	9	7.5	se.	21	se.	12	7	14	9	5.3	.0	.0	7
New Orleans [4]	53	50	84	1,013.9	1,015.9	+.7	80.8	+2.6	96	1	88	66	15	74	22	0	72	82	6.12	+1.1	1.84	12	5.9	se.	17	se.	30	10	13	7	5.5	.0	.0	12
WEST GULF							79.0	+1.3										76	4.66	+1.0											4.7			
Shreveport [1]	249	5	64	1,006.8	1,015.6	−.3	79.0	+3.1	98	1	89	53	14	69	29	0	68	77	2.81	.0	.81	9	8.1	se.	27	n.	10	8	16	6	5.1	.0	.0	8
Fort Smith	463	57	82	998.6	1,014.6	−1.7	75.0	+1.0	98	1	85	52	15	65	46	8	64	74	9.09	+6.1	3.42	10	7.8	e.	26	nw.	25	13	6	11	5.2	.0	.0	7
Little Rock [1]	357	26	58	1,003.4	1,016.3	−.6	74.4	+.3	96	1	84	50	14	65	28	13	66	82	9.01	+5.8	3.71	11	7.1	s.	34	nw.	1	10	10	10	5.4	.0	.0	8
Austin [1]	605	10	41	993.2	1,014.2	----	78.8	+.5	96	2	90	53	29	68	33	10	65	70	2.76	−.6	2.48	6	8.7	s.	26	s.	23	12	12	6	4.4	.0	.0	6
Brownsville [1]	57	5	54	1,011.2	1,013.2	----	81.4	+.8	94	10	90	61	30	72	26	0	71	79	3.13	−2.7	1.25	5	9.9	se.	26	n.	13	9	18	3	4.6	.0	.0	2
Corpus Christi [1]	20	4	33	1,013.5	1,013.9	−.3	80.3	+1.7	95	3	89	58	30	72	24	0	71	81	1.82	------	.93	5	10.0	se.	29	ne.	12	15	14	1	3.8	.0	.0	4
Dallas [1]	512	5	45	996.6	1,014.6	----	78.0	+.6	99	1	89	50	15	67	38	18	62	67	1.91	−.8	1.08	7	11.4	s.	28	s.	21	14	10	6	4.4	.0	.0	3
Fort Worth [1]	679	40	56	990.9	1,014.6	−1.0	78.2	+2.3	100	1	89	50	29	67	32	22	61	63	2.17	−.3	.84	7	12.3	s.	36	nw.	12	16	9	5	4.0	.0	.0	4
Galveston [2]	54	106	114	1,013.2	1,014.9	−.3	81.7	+1.6	91	5	86	67	14	77	17	0	72	77	6.95	+1.4	4.33	9	9.8	s.	30	ne.	11	9	18	3	4.5	.0	.0	6
Houston [2]	138	157	190	1,009.8	1,014.6	----	80.7	+1.7	93	6	90	60	15	72	25	0	70	82	2.85	−1.2	.86	11	8.9	se.	27	ne.	11	8	16	6	5.1	.0	.0	8
Palestine	510	64	72	997.6	1,015.2	−.4	78.0	+1.0	95	11	88	55	15	68	27	3	66	72	5.70	+2.8	3.33	8	6.6	s.	23	w.	12	11	12	7	4.9	.0	.0	8
Port Arthur [2]	34	59	134	1,013.9	1,014.9	----	81.0	+1.5	94	1	88	62	15	74	23	0	70	84	6.48	+1.7	3.00	15	11.3	s.	33	s.	11	11	15	4	4.3	.0	.0	11
San Antonio [1]	693	8	51	990.2	1,013.9	−.7	80.2	+1.2	99	12	93	52	14	68	38	5	64	68	3.00	.0	2.60	5	9.1	se.	35	nw.	12	8	13	9	5.1	.0	.0	4
OHIO VALLEY AND TENNESSEE							70.9	+3.3										81	5.07	+2.1											6.0			
Chattanooga [1]	762	6	66	991.2	1,018.3	+.3	75.0	+6.8	97	9	87	50	15	63	34	1	64	80	1.26	−1.8	.93	6	6.3	s.	31	nw.	10	7	20	3	5.1	.0	.0	4
Knoxville [1]	995	27	53	983.4	1,019.0	+2.7	74.5	+5.1	94	1	85	53	15	64	31	6	63	76	2.88	+.2	1.48	8	6.4	ne.	22	nw.	10	11	14	5	4.7	.0	.0	3
Memphis [4]	399	5	86	1,002.4	1,016.3	−.6	75.2	+3.3	94	9	85	52	14	65	31	11	66	82	6.04	+3.2	2.45	9	7.3	sw.	29	nw.	25	9	11	10	5.3	.0	.0	6
Nashville [1]	546	5	72	998.0	1,017.6	−.4	75.3	+3.5	95	9	87	53	16	64	31	7	64	76	3.40	.0	1.17	7	7.3	s.	27	se.	22	9	16	5	5.1	.0	.0	6
Lexington	989	4	28	983.1	1,019.0	+.7	71.8	+3.3	93	1	83	52	12	61	31	19	62	80	1.61	−1.5	.84	8	----	s.	--	------	--	6	15	9	5.4	.0	.0	5

See footnotes at end of tables.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR SEPTEMBER 1945—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean 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
OHIO VALLEY AND TENNESSEE—Con.	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F		°F	°F.		°F.	°F		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
Louisville [2]	525	106	120	999.0	1,018.0	.0	72.2	+3.2	93	7	83	52	16	62	35	11	62	78	3.49	+.7	1.20	11	7.2	s.	26	sw.	23	5	15	10	6.2	.0	.0	
Evansville [1]	431	11	40	1,001.7	1,017.3	−.7	70.1	+2.4	90	9	80	50	16	61	33	25	63	86	9.89	+6.6	3.45	14	7.0	s.	24	n.	21	7	7	16	6.6	.0	.0	15
Indianapolis [1]	823	5	54	988.5	1,018.3	+.3	67.4	+2.0	91	7	77	47	29	58	32	58	60	84	5.61	----	1.53	15	8.7	sw.	28	se.	13	7	9	14	6.3	.0	.0	11
Terre Haute [2]	575	68	149	997.0	1,018.0	----	69.0	+.2	92	9	78	48	29	60	32	44	60	84	6.68	+3.1	2.65	14	8.5	s.	26	ne.	13	6	10	14	6.5	.0	.0	8
Cincinnati [2]	627	11	51	995.9	1,019.0	+.7	71.0	+3.9	95	7	81	49	30	61	38	24	61	82	4.43	+1.8	1.26	14	6.3	sw.	21	sw.	8	7	12	11	6.1	.0	.0	11
Columbus [2]	822	90	110	989.8	1,019.3	+1.0	70.0	+3.5	94	7	79	49	30	61	33	31	59	80	2.71	+.1	.59	13	8.3	s.	38	sw.	25	7	8	15	6.4	.0	.0	5
Dayton [1]	1,003	6	55	983.1	1,019.3	----	68.2	+2.3	92	7	78	47	30	59	30	47	58	78	4.40	+1.5	1.72	14	9.9	s.	34	sw.	8	4	14	12	6.3	.0	.0	8
Elkins [1]	1,947	4	45	952.3	1,021.0	+2.4	65.6	+3.7	88	10	77	45	12	54	34	62	59	92	5.98	+2.8	1.54	18	4.9	se.	22	nw.	11	4	8	18	7.0	.0	.0	7
Parkersburg	637	77	84	996.3	1,019.6	+1.0	70.7	+3.4	95	8	80	51	12	61	30	34	60	80	8.12	+5.4	2.96	14	5.7	se.	18	se.	10	7	11	12	6.2	.0	.0	7
Pittsburgh [1]	842	39	54	989.5	1,020.0	+1.4	67.4	+2.7	89	10	77	43	30	58	28	62	58	82	10.08	+7.5	1.76	16	9.3	s.	31	nw.	10	4	11	15	6.7	.0	.0	10
LOWER LAKES							64.8	+2.7										80	5.40	+2.5											6.4			
Buffalo [1]	768	34	96	991.9	1,020.0	+2.0	64.2	+2.6	93	6	74	35	30	55	29	125	56	80	4.88	+2.0	2.13	13	12.1	sw.	42	sw.	11	5	13	12	6.6	.0	.0	3
Canton	448	10	61	1,003.1	1,019.3	----	60.6	+1.8	90	8	71	29	30	50	34	210	53	80	6.11	+2.8	2.89	11	7.2	sw.	27	w.	1	5	10	15	6.6	.0	.0	7
Oswego	335	71	85	1,007.5	1,020.3	+2.3	63.8	+2.3	89	8	71	37	30	56	28	134	56	78	5.29	+2.6	2.20	12	8.5	s.	29	n.	29	7	10	13	6.1	.0	.0	6
Rochester [1]	523	5	69	1,000.7	1,020.3	+2.3	64.3	+3.9	94	7	74	39	30	55	31	134	56	81	5.21	+2.8	2.43	11	8.2	sw.	50	sw.	11	5	10	15	6.5	.0	.0	4
Syracuse [1]	596	5	57	998.3	1,020.3	+2.0	64.7	+4.4	93	8	75	33	30	54	36	134	56	81	6.74	+4.0	2.30	14	8.7	sw.	32	nw.	21	6	10	14	6.5	.0	.0	6
Erie [2]	714	57	81	993.6	1,020.0	+2.0	66.6	+3.0	90	10	74	39	30	59	26	83	57	83	7.62	+4.2	2.03	18	7.6	se.	21	sw.	11	6	12	12	6.4	.0	.0	9
Cleveland [1]	762	27	54	991.5	1,019.3	+1.3	66.9	+3.1	93	6	76	40	30	58	33	76	57	80	6.37	+3.0	1.85	16	9.7	se.	32	sw.	1	5	13	12	6.4	.0	.0	7
Sandusky	629	5	67	995.9	1,019.3	+1.3	67.4	+2.1	94	8	76	44	30	59	35	61	----	---	5.15	+2.2	1.45	17	8.4	sw.	26	w.	8	6	10	14	6.1	.0	.0	5
Toledo [1]	628	5	47	995.9	1,019.0	+1.0	65.4	+2.3	92	5	76	44	29	55	37	92	56	80	3.46	+.7	2.76	16	10.0	e.	35	nw.	28	7	9	14	6.6	.0	.0	8
Fort Wayne [1]	857	5	33	987.5	1,018.3	----	64.6	+1.5	92	7	75	38	30	54	35	102	57	82	4.22	+1.2	1.21	13	7.1	se.	26	nw.	28	5	12	13	6.3	.0	.0	5
Detroit [1]	730	5	78	992.9	1,019.3	+1.3	64.7	+2.3	92	7	73	39	29	56	30	109	54	76	4.40	+1.5	1.81	13	9.0	s.	30	nw.	23	6	6	18	6.8	.0	.0	3
UPPER LAKES							59.0	−0.2										81	4.56	+1.3											6.3			
Alpena	609	5	89	996.6	1,019.6	+2.7	58.0	+.4	89	6	65	32	30	51	23	252	50	80	4.01	+1.0	1.31	12	9.9	nw.	27	se.	17	9	8	13	6.2	.0	.0	2
Escanaba	612	51	72	995.9	1,018.3	+2.0	57.0	−.1	79	7	65	30	29	49	24	263	50	80	2.95	−.4	.85	14	10.7	s.	41	n.	28	7	12	11	6.0	T	.0	4
Grand Rapids [2]	707	70	244	992.9	1,018.6	+1.0	63.0	+.3	92	5	72	35	30	54	30	150	54	82	6.89	+3.4	1.60	18	9.5	e.	28	sw.	24	6	9	15	6.3	.0	.0	7
Lansing [2]	878	5	90	987.1	1,019.3	----	60.8	−.6	86	6	69	33	30	52	26	180	52	78	6.58	+3.7	2.35	15	7.4	s.	18	n.	28	6	7	17	6.6	.0	.0	5
Marquette	734	44	73	990.5	1,018.0	+2.1	57.2	−.3	94	7	66	35	29	49	30	281	48	78	2.06	−1.2	.47	14	9.0	s.	26	sw.	3	7	12	11	6.2	T	.0	5
Sault Sainte Marie [1]	614	11	52	995.9	1,019.3	+2.7	54.0	.0	87	7	64	27	30	44	29	354	48	88	3.55	.0	1.12	13	10.4	se.	31	nw.	24	5	8	17	7.0	T	.0	10
Chicago [1]	673	5	36	993.6	1,018.3	+1.0	64.0	−.9	95	7	73	43	30	55	28	128	56	80	6.01	+2.8	1.41	17	8.5	se.	28	w.	23	7	9	14	6.3	.0	.0	5
Green Bay	617	3	30	995.9	1,018.6	+2.0	59.9	−.5	90	7	68	30	30	51	25	222	50	76	2.57	−1.0	.62	13	9.6	s.	29	n.	28	8	7	15	6.4	.0	.0	5
Milwaukee [1]	681	33	66	993.2	1,018.3	+1.4	61.8	+.8	91	5	70	38	29	54	26	170	54	80	6.27	+3.0	2.28	11	12.4	s.	42	sw.	19	5	10	15	6.5	.0	.0	7
Duluth [2]	1,133	5	47	975.3	1,017.3	+2.1	54.3	−.8	88	6	63	29	28	45	27	344	46	84	4.72	+1.4	1.62	11	11.2	nw.	33	nw.	20	10	7	13	5.6	.0	.0	8
NORTH DAKOTA							54.5	−2.5										72	2.58	+1.0											6.0			
Fargo [1]	940	5	43	980.4	1,015.2	+.6	56.2	−2.0	96	6	67	26	28	45	44	313	46	76	2.98	+.8	.96	12	12.5	s.	37	w.	9	7	13	10	6.0	.0	.0	4
Bismarck [1]	1,677	5	43	954.6	1,015.2	+1.3	55.6	−1.7	102	5	69	20	29	43	44	330	44	70	1.99	+.8	1.43	14	11.1	nw.	38	nw.	9	9	10	11	5.8	T	.0	3
Devils Lake	1,478	11	44	961.4	1,015.2	+1.3	53.2	−2.7	96	5	64	23	29	42	42	390	43	74	3.83	+2.2	1.92	14	8.4	nw.	31	nw.	10	8	8	14	6.2	T	.0	5
Grand Forks [1]	832	4	41	984.4	1,014.9	----	53.7	----	98	6	65	21	28	42	43	380	45	78	3.67	----	2.03	14	----	n.	--	---	--	10	3	17	----	T	.0	5
Williston	1,878	42	50	947.5	1,014.2	+.7	53.0	−3.6	99	4	65	24	28	41	40	404	38	64	1.51	+.4	.65	6	7.5	nw.	30	nw.	9	7	10	13	5.9	T	.0	2
UPPER MISSISSIPPI							64.4	−0.6										79	5.63	+1.9											6.1			
Minneapolis - St. Paul [1]	919	43	74	983.1	1,016.3	+.7	60.2	−1.2	94	5	70	27	29	50	34	227	50	78	2.13	−1.0	.98	12	11.3	se.	39	e.	23	9	9	12	5.7	T	.0	7
Springfield, Minn.	1,025	4	42	979.0	1,016.3	----	----	----	---	---	----	----	----	----	----	----	50	75	2.64	----	.92	13	----	se.	---	------	--	12	9	9	----	T	.0	6
La Crosse [1]	714	5	29	991.2	1,017.3	+1.0	59.2	−2.2	92	5	70	28	29	48	30	233	52	82	3.08	−.9	1.07	11	7.9	se.	28	w.	9	8	8	14	6.2	.0	.0	4
Madison [2]	974	70	78	982.7	1,018.3	+1.4	61.2	−1.2	88	5	69	35	29	54	25	187	52	81	3.96	+.2	1.18	11	8.2	se.	29	ne.	28	7	11	12	6.4	.0	.0	5
Charles City	1,015	10	51	981.0	1,018.0	+2.1	59.8	−1.2	92	5	70	28	29	49	32	221	----	---	2.54	−1.1	.90	12	6.2	se.	23	nw.	10	9	11	10	5.6	.0	.0	5
Moline [1]	606	6	50	995.6	1,018.0	+1.1	63.9	.0	95	4	74	41	29	54	36	139	54	78	4.74	+1.2	1.50	12	9.0	e.	46	w.	9	7	9	14	6.3	.0	.0	5
Des Moines [1]	860	5	99	986.1	1,017.3	+.7	64.6	−1.0	95	4	75	34	29	55	31	124	53	74	5.58	+1.9	3.03	12	9.0	se.	35	sw.	23	8	9	13	5.9	.0	.0	7
Dubuque	699	60	79	992.2	1,017.6	+.7	62.8	−1.2	92	5	72	36	29	54	27	161	54	79	7.34	+3.3	1.76	12	5.5	se.	17	nw.	1	6	11	13	6.2	.0	.0	8
Burlington [1]	702	4	36	991.9	1,017.3	+.4	64.4	−2.0	96	5	75	40	29	54	35	128	56	82	6.14	+1.7	1.72	14	9.8	se.	37	w.	9	8	8	14	6.3	.0	.0	8
Cairo	357	5	99	1,004.1	1,016.9	+.7	72.8	+.3	93	9	82	54	16	64	27	16	----	---	6.30	+3.4	3.19	15	7.8	ne.	24	sw.	13	8	11	11	6.0	.0	.0	10
Peoria [1]	609	6	26	995.6	1,017.6	+.3	65.4	+2.1	92	9	74	43	29	56	33	102	58	82	7.36	+3.3	2.61	14	9.2	e.	28	ne.	13	9	8	13	6.0	.0	.0	7
Springfield, Ill. [2]	636	5	191	994.2	1,017.3	−.3	68.0	+.4	93	9	76	46	29	59	27	63	58	84	8.38	+4.7	2.95	16	10.7	s.	26	s.	23	10	4	16	6.1	.0	.0	9
St. Louis [2]	568	35	303	996.6	1,016.9	−.4	70.2	−.3	94	9	78	48	29	63	---	47	----	78	10.01	+6.6	4.11	17	11.1	s.	32	sw.	24	11	4	15	----	.0	.0	6
MISSOURI VALLEY							66.0	−0.2										72	5.42	+2.3											5.2			
Columbia, Mo. [2]	784	6	66	988.2	1,016.3	−.6	69.0	−.4	97	5	78	44	29	60	31	70	58	78	13.34	+9.0	3.90	18	7.2	s.	24	nw.	9	13	6	11	5.2	.0	.0	9
Kansas City [1]	963	39	76	------	1,015.2	−1.4	69.8	+9	98	4	79	42	29	60	--	62	56	70	6.55	+2.7	1.40	16	10.5	s.	34	s.	23	11	5	14	---	.0	.0	12
St. Joseph [2]	967	11	49	981.0	1,015.2	----	68.0	−.4	97	5	78	40	29	58	38	82	56	74	5.35	+1.4	1.16	15	7.9	se.	24	nw.	9	15	7	8	4.4	.0	.0	9
Springfield, Mo. [1]	1,324	5	67	969.2	1,016.3	−.6	69.4	+1.0	96	1	80	46	29	59	35	55	61	82	9.46	+5.9	2.94	15	11.8	s.	40	s.	12	12	3	15	5.7	.0	.0	13
Topeka	987	65	87	980.0	1,014.9	----	69.9	+1.2	98	9	81	41	29	59	38	71	56	70	6.20	+2.4	1.90	13	9.3	s.	29	sw.	23	11	9	10	5.7	.0	.0	8
Lincoln [2]	1,189	11	81	972.9	1,014.9	−.7	67.3	+.9	100	4	80	37	28	55	36	112	50	66	3.22	+.2	1.38	10	9.6	s.	31	nw.	9	14	7	9	4.5	.0	.0	8
Omaha [1]	1,105	5	68	976.3	1,015.9	.0	66.1	+.4	95	1	78	34	29	55	35	116	54	72	4.30	+1.1	1.80	12	11.3	n.	34	w.	16	12	10	8	5.0	.0	.0	7
Valentine	2,598	46	54	924.5	1,015.6	+1.0	59.6	−2.9	101	5	74	23	29	45	42	251	42	59	1.79	+.5	.84	8	9.3	w.	33	s.	25	16	5	9	4.4	6.0	.0	2
Sioux City [1]	1,138	5	40	974.9	1,015.6	+.4	61.6	−.9	93	3	74	24	29	49	35	192	52	76	2.65	−.4	1.34	6	9.8	se.	34	s.	16	10	11	9	5.1	T	.0	3
Huron [1]	1,301	5	41	968.5	1,015.2	+.6	59.8	−1.5	101	5	72	27	29	47	41	240	48	70	1.36	−.2	.59	7	13.3	s.	44	se.	16	11	9	10	5.4	.0	.0	7
NORTHERN SLOPE							55.5	−1.6										60	2.12	+0.9											5.6			6
Billings [1]	3,570	16	40	892.0	1,014.6	----	57.1	−3.1	95	5	69	31	28	45	44	299	41	59	1.33	----	.48	8	10.8	sw.	4	7 nw.	8	9	11	10	5.6	T	.0	1
Havre	2,507	11	67	926.5	1,015.6	+1.7	54.1	−2.3	97	2	67	31	27	41	47	353	38	62	3.17	+1.9	1.64	11	8.9	w.	26	nw.	9	8	5	17	6.2	1.6	.0	2
Helena [1]	4,124	5	43	875.0	1,016.3	+1.4	53.2	−2.2	95	3	67	26	28	39	51	378	35	58	1.46	+.2	.97	7	8.5	w.	45	nw.	8	9	8	13	5.6	1.2	.0	3
Missoula [1]	3,263	4	32	903.8	1,017.3	----	54.8	+1.3	95	1	68	27	28	41	47	329	36	58	1.31	+.1	.46	11	6.8	nw.	40	nw.	8	9	8	13	5.8	T	.0	2
Kalispell	2,973	48	56	913.0	1,015.9	+1.3	52.0	−1.5	86	3	63	28	27	41	41	398	39	66	1.57	+.3	.59	11	5.8	w.	26	ne.	11	10	6	14	6.0	1.3	.0	0
Miles City [1]	2,371	5	78	931.3	1,014.9	+.7	56.8	----	99	2	70	28	27	44	44	310	40	66	1.91	------	.96	8	----	nw.	--	------	--	5	11	14	6.7	.0	.0	2
Rapid City [1]	3,259	5	63	902.1	1,015.2	+.6	58.0	−2.2	98	5	70	27	28	45	39	285	40	58	2.12	+.9	.59	9	13.3	nw.	57	nw.	8	10	10	10	5.4	T	.0	3
Cheyenne [1]	6,094	5	40	815.1	1,014.9	+.3	54.3	−2.7	90	6	70	20	27	39	47	359	34	53	1.43	+.2	.74	8	10.7	nw.	40	n.	11	12	11	7	5.0	3.1	.0	4
Lander	5,352	60	68	836.8	1,015.2	+.6	53.2	−2.5	87	1	69	24	28	38	48	365	36	58	1.62	+.7	.74	5	4.6	sw.	38	w.	15	13	10	7	4.8	5.8	.0	2
Sheridan [1]	3,790	5	38	885.2	1,015.6	----	56.5	+.2	95	5	70	27	28	43	43	313	37	57	3.02	+1.8	.88	9	8.3	nw.	59	nw.	8	9	10	11	5.6	.8	.0	4
North Platte [2]	2,821	11	51	917.0	1,014.9	.0	61.6	−.5	98	3	75	26	29	48	41	197	46	68	3.40	+2.0	1.03	11	7.2	n.	24	ne.	27	14	7	9	4.7	1.0	.0	9

See footnotes at end of tables.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR SEPTEMBER 1945—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean 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							67.8	−1.0		6								62	4.75	+2.6											4.9			
Denver [2]	5,292	106	113	839.5	1,014.6	.0	60.8	−2.1	94	4	74	25	28	48	41	219	37	52	.86	−.1	.56	5	7.2	s.	31	ne.	11	10	16	4	4.6	...	.0	4
Pueblo [1]	4,690	5	36	857.8	1,014.2	−.4	62.3	−2.3	98	4	79	30	28	46	51	176	38	52	.36	−.4	.22	4	7.4	nw.	44	nw.	16	16	7	7	4.5	T	.0	1
Concordia	1,392	50	58	965.5	1,014.6	−1.0	68.0	−.3	102	4	80	37	28	56	45	111	52	65	2.29	−.3	1.46	10	8.6	s.	26	sw.	21	13	8	9	4.9	.0	.0	6
Dodge City [1]	2,509	5	58	927.2	1,013.9	−1.3	68.0	−1.4	102	2	81	34	28	55	43	118	49	60	2.58	+.7	1.85	10	17.2	s.	47	s.	16	16	5	9	4.5	T	.0	8
Wichita [1]	1,358	6	64	966.5	1,014.2	−1.7	69.8	−.8	97	1	81	41	28	59	34	65	55	68	10.58	+7.5	4.79	15	15.1	s.	42	s.	21	14	7	9	4.9	.0	0	11
Oklahoma City [2]	1,214	10	47	971.6	1,014.2	−1.4	73.1	+.3	100	1	84	43	29	62	34	45	58	66	7.42	+4.4	2.95	11	10.0	s.	26	n.	12	12	6	12	5.1	.0	.0	7
Tulsa [1]	674	10	60	990.5	1,014.6	-----	72.8	−.1	101		84	46	29	62	37	33	60	72	9.17	+6.1	2.33	13	11.3	s.	24	nw.	24	11	7	12	5.6	.0	.0	9
SOUTHERN SLOPE							75.0	+2.2										56	1.64	−0.9											3.9			
Abilene [1]	1,738	4	59	953.3	1,012.5	−2.1	77.2	+3.4	98	2	89	43	29	65	39	37	58	60	.87	−1.8	.74	3	15.2	s.	41	n.	12	14	12	4	4.2	.0	.0	2
Amarillo [1]	3,676	5	42	889.9	1,012.9	−1.7	69.8	+2.0	102	4	84	33	28	55	44	93	49	58	4.02	+1.7	1.96	6	16.2	s.	45	sw.	16	20	4	6	3.6	T	.0	9
Del Rio	960	63	71	979.7	1,011.9	−2.0	81.2	+2.0	102	12	92	48	29	71	36	22	62	58	.90	−2.1	.57	3	10.8	se.	29	ne.	12	14	8	8	4.6	.0	.0	2
Roswell	3,566	75	85	893.0	1,012.5	−.7	71.8	+1.5	100	5	86	36	29	57	42	58	46	47	.79	−1.3	.54	4	8.5	s.	28	ne.	12	20	5	5	3.2	.0	.0	4
SOUTHERN PLATEAU							74.9	+2.8										40	0.14	−0.9											2.5			
El Paso [1]	3,778	39	85	886.2	1,010.5	−1.4	75.8	+3.5	100	6	88	41	30	63	33	28	48	42	.12	−1.1	.12	1	9.7	s.	38	n.	10	21	7	2	2.8	.0	.0	3
Albuquerque [1]	5,314	5	45	838.8	1,010.5	-----	70.6	+2.7	96	6	83	39	30	58	33	53	37	34	.26	−.6	.22	4	10.2	s.	41	e.	28	20	7	3	3.1	T	.0	1
Flagstaff	6,907	36	51	793.1	1,014.9	+2.7	60.7	+5.2	90	4	78	28	30	44	48	168	34	46	.18	−1.5	.15	3	----	n.	---	-------	--	18	11	1	3.1	.0	.0	4
Phoenix [2]	1,107	39	87	-------	-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Tucson [1]	2,555	5	39	923.8	1,009.1	-----	80.9	+1.2	107	5	95	49	29	67	38	2	48	36	.14	−1.0	.14	1	----	se.	---	-------	--	25	3	2	2.3	.0	.0	2
Yuma	142	9	54	1,003.4	1,007.5	−1.0	86.7	+3.0	116	4	102	57	24	72	40	0	55	42	T	−.4	T	0	5.3	sw.	20	n.	28	27	2	1	1.2	.0	.0	1
MIDDLE PLATEAU							61.7	+0.1										41	0.18	−0.4											2.3			
Reno [1]	4,527	20	52	863.9	1,015.2	+1.0	60.2	+2.2	96	10	82	25	27	39	54	190	35	49	.00	−.3	.00	0	6.5	w.	38	se.	21	25	2	3	2.2	.0	.0	0
Tonopah	6,090	9	20	815.8	1,012.9	-----	63.6	+.4	88	11	76	32	27	51	31	163	30	31	.01	−.3	.01	1	----	w.	---	-------	--	24	6	0	----	.0	.0	1
Winnemucca	4,339	5	56	870.3	1,016.3	−2.8	59.2	.0	96	1	78	22	28	40	56	243	32	42	.30	−.1	.28	2	7.4	ne.	30	nw.	5	23	3	4	2.5	T	.0	1
Modena	5,473	10	46	834.7	1,012.9	−.3	60.4	+.4	91	5	79	25	29	42	47	179	-----	---	.02	−.8	.02	1	8.0	sw.	25	sw.	21	23	5	2	2.1	.0	.0	1
Salt Lake City [1]	4,227	32	58	868.6	1,014.9	+.7	60.6	−2.1	95	1	75	33	29	46	42	211	37	47	.64	−.3	.42	6	9.3	se.	54	nw.	21	15	13	2	3.6	.0	.0	4
Grand Junction	4,602	60	68	859.8	1,013.2	−1.0	66.0	−.2	96	6	80	40	20	52	39	91	34	34	.10	−.8	.06	2	6.5	se.	26	s.	21	19	9	2	3.2	.0	.0	1
NORTHERN PLATEAU							58.7	−1.4										52	1.14	+0.4											4.4			
Baker [2]	3,471	36	54	897.4	1,017.6	+2.0	55.0	−1.0	95	1	71	28	19	39	45	328	33	56	.83	+.1	.56	7	6.0	n.	22	nw.	15	15	7	8	4.3	.0	.0	2
Boise [1]	2,739	5	49	920.8	1,015.9	+1.0	59.9	−1.3	102	1	75	32	27	45	48	227	32	41	.44	−.1	.28	5	10.2	nw.	36	nw.	5	18	5	7	3.4	.0	.0	1
Pocatello [1]	4,478	5	31	865.2	1,017.3	+2.7	56.2	−3.1	94	1	71	25	28	41	51	305	35	52	1.21	+.5	.70	8	9.7	sw.	34	sw.	5	13	7	10	4.6	T	.0	6
Spokane [1]	1,929	27	42	947.9	1,015.9	+.7	56.6	−2.6	91	1	69	32	27	44	41	266	40	61	2.24	+1.3	.71	10	6.7	ne.	26	w.	20	9	8	13	5.9	.0	.0	1
Walla Walla	991	57	65	981.4	1,016.6	+.7	62.6	−1.2	90	1	74	39	27	52	33	136	-----	---	2.09	+1.1	.87	7	4.9	s.	24	w.	20	12	9	9	4.5	.0	.0	1
Yakima	1,076	58	67	978.0	1,016.6	-----	62.0	+.9	91	13	75	36	28	49	36	136	-----	---	T	−.5	T	0	6.1	nw.	24	nw.	17	15	8	7	3.9	.0	.0	0
NORTH PACIFIC COAST							59.2	+0.1										74	3.21	+1.0											5.3			
North Head	211	5	55	1,011.9	1,018.6	+1.7	55.4	−1.1	75	9	60	46	26	51	23	288	51	88	4.93	+1.9	2.81	14	12.2	n.	44	s.	3	9	8	13	5.9	.0	.0	0
Seattle [2]	125	90	321	1,014.2	1,018.6	+2.3	59.4	−.9	82	12	67	43	26	52	25	171	50	76	3.46	+1.7	1.05	9	7.5	n.	25	se.	4	9	8	13	6.0	.0	.0	0
Tacoma	194	172	201	1,011.9	1,018.3	+1.7	57.0	−.3	77	12	65	41	27	50	24	237	-----	---	3.84	+1.8	2.13	11	7.4	n.	30	sw.	20	7	11	12	5.8	.0	.0	0
Tatoosh Island	86	9	61	1,015.9	1,019.0	+2.7	52.4	−.6	65	12	57	43	26	48	16	380	50	91	4.74	+.1	1.60	12	11.0	s.	44	s.	4	7	7	16	6.5	.0	.0	0
Medford [1]	1,329	29	58	969.9	1,016.6	-----	64.4	+.9	100	12	83	34	26	45	53	95	41	52	.46	−.2	.28	4	----	n.	---	-------	--	18	7	5	3.1	.0	.0	0
Portland, Oreg. [2]	154	68	106	1,013.2	1,018.3	+1.4	62.5	+.8	92	12	72	42	26	53	32	111	50	72	3.99	+2.0	2.07	9	6.6	nw.	19	w.	15	7	12	11	5.8	.0	.0	0
Roseburg	510	45	76	999.7	1,018.0	+1.4	63.2	+.3	95	12	78	38	27	48	47	106	48	62	1.07	−.2	.60	6	4.4	n.	22	sw.	41	6	6	8	4.1	.0	.0	0
MIDDLE PACIFIC COAST							67.0	+2.2										58	0.29	−0.4											2.8			
Eureka	60	72	88	1,015.6	1,017.6	+1.3	55.0	−.9	79	28	61	43	26	49	30	296	50	84	1.09	+.1	.95	4	6.8	n.	30	n.	16	14	7	9	4.2	.0	.0	0
Red Bluff	353	5	26	999.7	1,011.9	-----	77.4	+4.3	111	12	93	50	23	62	44	5	36	27	.02	−.8	.02	1	8.7	nw.	29	nw.	16	24	4	2	2.0	.0	.0	1
Sacramento	66	92	115	1,009.8	1,011.5	−.7	72.9	+3.6	102	9	89	46	23	57	40	13	46	46	.00	−.4	.00	0	7.2	s.	24	nw.	27	25	5	0	1.3	.0	.0	0
San Francisco [2]	155	112	132	1,008.5	1,013.5	−.4	62.6	+1.7	85	28	69	51	1	56	26	112	51	74	.04	−.4	.02	2	9.0	w.	25	w.	3	13	10	7	3.9	.0	.0	0
SOUTH PACIFIC COAST							73.4	+3.6										60	0.01	−0.1											3.1			
Fresno [1]	327	5	34	999.7	1,010.5	−1.0	75.5	+3.5	106	13	93	46	24	58	42	4	48	44	T	−.2	T	0	5.4	nw.	18	nw.	22	26	2	2	1.8	.0	.0	0
Los Angeles	338	223	250	1,000.7	1,012.5	+.6	73.2	+4.2	96	3	83	54	23	63	27	2	56	63	T	−.2	T	0	5.7	w.	17	w.	10	18	8	4	3.3	.0	.0	0
San Diego [1]	87	20	55	1,009.1	1,011.9	−.3	71.4	+3.2	90	4	79	55	24	64	32	1	60	72	.03	.0	.03	1	6.0	nw.	16	nw.	4	14	9	7	4.2	.0	.0	1
WEST INDIES																																		
San Juan, P. R.	82	10	54	1,011.2	1,014.6	-----	79.8	−.7	88	17	84	72	29	76	15	0	74	84	6.69	+.8	1.50	25	10.1	e.	28	e.	28	1	9	20	8.2	.0	.0	8
PANAMA CANAL																																		
Balboa Heights	118	6	92	-------	[3]1,010.2	+.4	81.2	+.7	91	4	87	71	8	75	16	0	75	[3]86	5.14	−3.0	1.89	21	5.1	nw.	20	nw.	13	3	15	12	6.8	.0	.0	6
Cristobal	27	47	97	-------	[3]1,010.2	.0	82.0	+1.2	92	29	88	73	22	76	15	0	75	[3]83	11.58	−1.0	3.63	23	6.1	s.	23	e.	5	1	10	19	7.8	.0	.0	15
ALASKA																																		
Anchorage [1]	132	6	44	1,007.1	1,012.2	-----	46.6	−1.2	63	27	55	26	19	38	34	549	40	75	2.70	+.1	.63	16	5.3	n.	25	s.	15	6	4	20	7.2	.0	.0	0
Fairbanks [1]	455	5	63	994.9	1,012.2	-----	43.2	−.5	60	2	53	23	18	33	30	654	38	72	1.48	+.2	.41	14	5.8	n.	27	w.	6	3	3	24	7.8	.0	.0	0
Juneau [1]	80	6	30	1,013.2	1,016.3	-----	48.4	-----	60	3	54	30	21	43	26	498	44	75	7.31	-----	1.48	24	9.2	se.	31	se.	11	1	3	26	8.7	.0	.0	0
Nome	22	25	56	1,009.5	1,010.2	-----	43.0	+1.3	55	2	49	26	9	37	20	660	40	84	3.33	+.6	1.04	20	9.5	ne.	33	e.	20	2	3	25	8.4	T	.0	0
Barrow	29	5	27	1,015.2	1,015.6	-----	28.8	−2.1	44	18	32	18	15	25	17	1,086	28	96	.23	−.3	.15	8	13.0	e.	32	-----	28	2	5	23	8.3	2.6	.2	0
Cordova	45	5	32	1,010.5	1,012.2	-----	46.7	-----	63	10	55	27	17	39	31	557	42	82	10.67	-----	1.80	19	----	e.	---	-------	--	1	9	20	8.0	.0	.0	1
Gambell	32	5	32	1,008.1	1,009.1	-----	41.4	−.2	50	21	44	34	8	38	11	708	38	90	1.63	−.5	.47	14	16.0	ne.	36	se.	22	1	1	28	9.0	.0	.0	0
Ketchikan	75	69	90	1,016.9	1,017.6	-----	52.3	−1.4	64	20	58	41	27	47	17	383	46	82	17.15	+5.0	5.63	19	6.3	se.	24	se.	9	3	1	26	8.6	.0	.0	0
Kotzebue	20	5	31	1,011.2	1,011.5	-----	41.6	+8	54	1	47	30	8	36	17	704	38	84	.75	−.1	.27	13	12.6	e.	39	se.	20	4	7	19	7.3	T	.0	0
HAWAII																																		
Honolulu	38	86	100	-------	1,015.2	-----	78.1	.0	85	22	83	71	24	73	---	0	-----	---	1.14	−.1	.69	16	9.1	ne.	24	ne.	2	5	23	2	----	.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.

NOTE.—Except as indicated by notes [1], [2], [4], and [5] data in table are city office records.