CLIMATOLOGICAL DATA

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS

[For description of tables and charts, see REVIEW, January 1940, p. 32]

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					
			Monthly extremes								Greatest monthly		Least monthly	
	Section average	Departure from the normal	Station	Highest	Date	Station	Lowest	Date	Section average	Departure from the normal	Station	Amount	Station	Amount
	°F.	°F.		°F.			°F.		In.	In.		In.		In.
Alabama	81.0	+0.7	Talladega	104	20	Valley Head	57	3	4.83	−0.53	Highland Home	12.34	Guntersville Dam	0.73
Arizona	81.4	+1.2	2 stations	120	[1] 6	Alpine	33	4	1.33	−.84	Young	4.08	3 stations	.00
Arkansas	81.1	+.6	Conway	105	31	2 stations	53	[1] 23	1.39	−2.38	Heber Springs	6.60	Index	.00
California	73.8	+.2	Cow Creek	126	24	Boca	29	12	.01	−.06	Blythe	1.20	222 stations	.00
Colorado	68.0	+.8	Las Animas	106	[1] 12	Fraser	21	3	1.41	−.74	Pray	3.69	2 stations	T
Florida	83.2	+1.9	2 stations	105	21	2 stations	61	[1] 16	4.85	−2.42	Jasper	17.75	Key West	.33
Georgia	81.3	+1.2	3 stations	106	[1] 19	Hollywood	58	3	4.79	−.99	Dahlonega	9.65	Atlanta	1.36
Idaho	69.2	+1.0	Nampa	110	4	Sun Valley	25	[1] 13	.54	−.13	Priest River	2.60	14 stations	.00
Illinois	76.8	+.3	East St. Louis	101	30	Freeport	44	2	4.89	+1.62	Grafton	11.98	Cairo	.62
Indiana	76.2	+.5	Seymour	101	17	2 stations	42	7	4.03	+.70	Logansport	9.44	Cypress	1.10
Iowa	74.3	−.4	Sioux City	105	17	Decorah	42	7	4.89	+1.22	Cedar Falls	11.51	Clarinda Erosion	1.33
Kansas	80.0	+.8	Hoxie	111	13	Oberlin	48	1	2.25	−.86	El Dorado	6.65	Arkansas City	.11
Kentucky	78.1	+1.0	2 stations	101	[1] 16	Lynch (near)	48	26	4.71	+.46	Quicksand	10.96	Lovelaceville	.84
Louisiana	81.8	.0	Lake Providence	103	15	Robeline	61	24	4.63	−1.54	Houma	12.94	2 stations	.56
Maryland-Delaware	76.1	+.8	Pocomoke City, Md.	102	19	Sines, Md	44	8	4.69	+.35	Elkton, Md	8.62	Luke, Md	1.63
Michigan	68.1	−1.2	3 stations	100	[1] 17	3 stations	30	2	3.46	+.73	Ironwood	10.12	Hulbert	1.46
Minnesota	68.0	−2.1	2 stations	100	16	do	36	[1] 4	3.35	+.10	Argyle	7.89	Fergus Falls	.40
Mississippi	82.0	+.9	do	103	[1] 16	Batesville	58	24	2.87	−2.25	Fruitland Park	9.53	Columbus	.13
Missouri	78.8	+.7	Poplar Bluff	104	19	4 stations	50	[1] 1	2.85	−.75	Bonnville	9.32	Zalma	.22
Montana	66.9	−.3	Crow Agency	103	22	Conway's Ranch	26	[1] 12	1.25	−.14	Babb (near)	4.26	2 stations	.18
Nebraska	76.6	+1.0	5 stations	107	[1] 16	Mumper	42	21	1.54	−1.54	Blair	5.11	Curtis	.19
Nevada	76.0	+3.4	Overton	120	20	Spooner's Station	29	12	.10	−.28	Alamo	1.04	21 stations	.00
New England	68.5	−.6	3 stations	96	[1] 14	2 stations	36	9	4.32	+.57	Salisbury, Conn	8.28	E. Ryegate, Vt	.82
New Jersey	74.6	+.8	Burlington	105	19	Charlotteburg	41	10	7.30	+2.61	Long Branch	12.28	Barnegat City	3.90
New Mexico	72.9	+3.2	Carlsbad	109	13	Red River	31	2	1.51	−.99	Grenville	8.96	Burnham's Trading Post.	.01
New York	69.7	−.1	2 stations	99	[1] 14	Wiscoy	30	7	5.04	+1.12	Scio	11.77	Ogdensburg	1.35
North Carolina	78.6	+1.6	do	107	18	Mount Mitchell	47	3	5.14	−.78	Mount Mitchell	11.42	Manteo	.54
North Dakota	67.1	−1.9	3 stations	97	[1] 11	Casselton	36	6	2.43	−.01	Grafton	5.66	Van Hook	.22
Ohio	74.7	+1.0	Lancaster	102	18	Bellefontaine	43	7	3.98	+.17	Jefferson	7.80	Dennison	1.25
Oklahoma	81.4	−.3	Alva	109	31	Kenton	49	2	1.49	−1.31	Quinton	4.63	2 stations	.00
Oregon	67.4	+.9	Echo	112	3	Chemult	25	29	.43	+.01	Cloverdale	3.26	10 stations	.00
Pennsylvania	72.6	+.4	Phoenixville	102	20	Kane	35	9	5.15	+.87	Coudersport	14.39	Sutersville	1.00
South Carolina	81.6	+1.7	Blackville	105	19	Caesars Head	58	9	6.06	+.21	Caesars Head	12.38	Myrtle Beach	2.12
South Dakota	71.7	−1.5	Wagner	108	17	Camp Crook	35	1	2.52	+.11	2 stations	7.24	Belle Fourche	.57
Tennessee	79.8	+2.1	3 stations	103	[1] 15	Rugby	50	3	4.84	+.32	Kingston	11.77	Union City	.25
Texas	81.6	−1.4	Fort Stockton	108	9	Stratford	50	22	3.53	+.90	Goose Creek	16.88	6 stations	.00
Utah	73.3	+1.5	St. George	111	6	Clear Creek	35	2	.75	−.16	Bryce Canyon	2.64	2 stations	.00
Virginia	77.1	+1.7	Warsaw	106	20	2 stations	47	[1] 3	4.28	−.36	Halifax	9.71	Cape Henry	.95
Washington	68.4	+1.8	Wahluke (near)	113	3	Deer Park (near)	31	12	1.28	+.62	Carbon River Entrance.	5.22	4 stations	.00
West Virginia	73.9	+.7	2 stations	103	[1] 18	Brandywine	41	8	4.44	−.18	Williamson	8.35	Moorefield	1.38
Wisconsin	69.0	−1.2	Waupaca	101	18	3 stations	36	[1] 2	4.27	+.78	Rest Lake	11.84	Whitewater	1.60
Wyoming	67.2	+1.4	Hawk Springs	105	14	Northeast Entrance	18	13	1.07	−.27	Yoder	3.69	Border	T
Alaska (June)	54.0	+1.5	Allakaket	92	26	Barrow	16	4	1.85	+.12	Whittier	18.12	Council	.15
Hawaii	75.4	+1.0	Waianae	93	[1] 12	2 stations	50	[1] 1	5.28	−.82	Kukui	48.00	3 stations	.00
Puerto Rico	79.6	+.9	2 stations	98	[1] 16	Guineo Reservoir	59	14	7.22	+1.00	Rio Blanco	16.00	Mona Island	2.32

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max.+mean min.÷2	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	Mean wet thermometer	Mean temperature of the dewpoint	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	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.	In.	In.	In.	°F.	°F.	°F		°F	°F		°F	°F	°F	°F.	%	In.	In.		Miles								0-10	In.	In.	
New England							67.7	−0.2										81	3.74	+0.2										5.8			
Eastport	75	67	85	29.88	29.96	+0.03	59.6	−0.8	82	25	68	47	3	52	25	56	54	87	2.62	−.5	14	7.2	s.	20	sw.	1	8	11	12	6.0	.0	.0	1
Greenville, Maine	1,070	6	41	28.82	29.97	------	63.9	−1.1	88	13	76	42	9	52	37	60	57	---	3.12	−1.4	13	------	nw.	---	------	---	4	17	10	---	.0	.0	4
Portland, Maine [1]	103	5	36	29.84	29.95	.00	66.8	------	92	14	77	45	10	57	31	62	60	80	5.01	+1.8	13	6.9	s.	29	w.	8	11	10	10	5.3	.0	.0	5
Concord [2]	289	4	45	29.65	29.96	.00	68.0	−.5	94	19	80	43	10	56	38	63	60	78	5.02	+1.5	12	5.8	nw.	23	nw.	15	11	13	7	5.2	.0	.0	7
Burlington [2]	403	11	48	29.50	29.93	−.01	68.4	−1.9	94	19	78	45	10	59	29	63	60	74	2.21	−1.3	13	7.1	s.	23	s.	11	5	9	17	6.6	.0	.0	6
Northfield	876	12	60	29.03	29.96	+.02	65.7	−.2	92	19	77	39	10	54	36	---	------	---	1.41	−2.2	13	6.6	sw.	27	sw.	8	3	12	16	6.9	.0	.0	5
Boston [1]	124	33	62	29.83	29.96	.00	71.1	------	93	14	79	58	10	63	27	64	61	75	4.14	+.6	12	9.0	sw.	30	nw.	6	5	12	14	6.8	.0	.0	3
Nantucket	12	10	63	29.96	29.98	.00	68.6	+.8	84	26	75	58	11	62	23	64	63	88	2.18	−.7	7	10.4	sw.	25	ne.	22	10	8	13	5.8	.0	.0	2
Block Island	26	11	46	29.95	29.98	+.01	69.2	+.8	85	20	75	58	11	63	18	65	64	86	2.73	−.4	7	12.5	sw.	34	e.	11	19	5	7	3.7	.0	.0	2
Providence [2]	159	46	60	29.81	29.98	+.01	72.8	−.6	95	14	82	58	31	64	27	65	63	81	4.56	+1.3	9	7.4	sw.	26	sw.	8	5	15	11	6.2	.0	.0	4
Hartford [1]	159	5	----	29.80	29.96	−.01	72.4	------	93	14	82	53	9	63	31	66	63	77	4.47	+.1	12	7.2	s.	27	n.	14	7	12	12	6.1	.0	.0	6
New Haven [2]	107	74	153	29.86	29.98	+.01	73.2	+1.4	93	14	82	58	10	65	23	67	65	83	7.45	+3.1	11	7.4	s.	22	sw.	8	10	14	7	4.9	.0	.0	4
Middle Atlantic States							76.9	+1.8										74	5.60	+0.3										5.7			
Albany [1]	97	26	40	29.85	29.96	.00	71.0	+.1	96	19	81	48	10	61	32	64	61	74	6.58	+3.8	14	7.3	s.	28	w.	29	5	13	13	6.6	.0	.0	9
Binghamton	871	57	79	29.08	29.99	+.02	71.6	+1.6	95	19	83	45	10	60	37	64	61	73	4.67	+1.0	13	5.1	w.	21	ne.	17	3	14	14	6.8	.0	.0	12
New York	314	415	454	29.64	29.96	−.02	74.9	+1.1	93	20	82	59	7	68	21	67	62	70	6.24	+2.0	13	12.2	sw.	48	nw.	14	11	9	11	5.4	.0	.0	11
Harrisburg [1]	374	30	49	29.59	29.99	+.01	76.0	+1.2	95	19	86	57	7	66	33	68	65	74	5.53	+1.7	12	6.0	sw.	27	n.	29	6	13	12	6.4	.0	.0	14
Philadelphia [2]	114	174	367	29.86	29.98	.00	78.0	+1.8	98	19	86	65	8	70	20	69	65	72	6.74	+2.6	12	10.5	sw.	33	sw.	6	6	17	8	5.6	.0	.0	7
Reading	323	47	306	29.65	29.99	------	76.4	+1.0	96	19	86	57	10	67	29	---	------	---	5.60	+1.3	11	8.8	nw.	40	sw.	18	9	11	11	5.7	.0	.0	9
Scranton	805	72	104	29.14	29.98	.00	72.7	+1.0	94	19	82	50	10	63	34	---	------	---	5.08	+1.0	3	5.7	sw.	18	n.	6	7	17	7	5.7	.0	.0	9
Atlantic City	52	37	172	29.93	29.98	.00	76.3	+4.2	99	19	82	65	10	70	26	69	67	77	5.44	+1.5	11	12.5	w.	39	se.	11	7	15	9	5.4	.0	.0	11
Trenton	190	89	107	29.78	29.98	------	76.0	+1.5	96	19	85	59	10	67	24	68	64	72	4.35	+.4	15	7.2	s.	26	sw.	6	8	13	10	6.0	.0	.0	10
Baltimore [2]	123	100	215	29.86	29.99	+.01	79.7	+2.5	99	19	88	65	8	71	22	70	66	69	4.46	−.2	10	8.6	sw.	35	nw.	29	9	11	11	5.5	.0	.0	11
Washington [1]	112	62	85	29.93	30.00	.00	78.8	+2.0	99	19	88	64	8	70	26	70	67	72	5.40	+.7	11	5.6	sw.	36	w.	31	9	14	8	5.3	.0	.0	6
Cape Henry	18	8	54	29.97	29.99	------	80.0	+2.5	99	14	87	66	10	72	26	74	71	78	.95	−4.4	10	8.6	sw.	47	nw.	6	10	16	5	4.7	.0	.0	7
Lynchburg	686	144	184	29.30	30.01	.00	79.5	+2.0	100	17	90	57	8	69	29	70	67	72	2.02	−2.2	11	5.7	w.	27	nw.	6	11	11	9	5.1	.0	.0	9
Norfolk [2]	91	80	125	29.91	30.01	+.01	82.0	+3.3	104	18	91	67	9	74	25	73	71	76	1.61	−4.1	11	7.8	w.	33	nw.	6	7	13	11	5.9	.0	.0	11
Richmond [2]	144	11	52	29.85	30.00	−.01	80.0	+1.5	100	20	89	64	24	71	26	72	70	81	4.31	−.4	12	6.1	sw.	31	nw.	6	9	15	7	4.9	.0	.0	12
South Atlantic States							81.0	+2.8										78	5.09	−0.7										5.6			
Asheville	2,253	89	104	27.79	30.06	+.04	74.6	+2.9	92	20	85	56	3	64	30	67	65	82	3.95	−.4	13	5.2	nw.	26	nw.	10	3	11	17	7.0	.0	.0	11
Charlotte [2]	779	63	86	29.22	30.03	+.01	81.1	+2.7	99	20	90	66	2	72	24	72	70	78	5.58	+.5	10	5.2	sw.	23	n.	11	7	9	15	6.2	.0	.0	12
Greensboro [1]	886	6	56	29.12	30.04	------	77.8	------	97	20	88	58	8	68	29	71	69	79	4.26	------	8	6.0	sw.	30	w.	10	10	10	11	5.8	.0	.0	9
Hatteras	11	5	50	30.00	30.01	.00	81.5	+3.3	95	20	87	70	1	76	14	77	75	84	1.40	−4.1	8	10.7	sw.	28	■.	6	10	13	8	5.3	.0	.0	10
Raleigh [1]	376	27	69	29.63	30.02	.00	81.3	+2.5	102	20	92	66	9	71	28	73	71	78	3.15	−2.2	11	7.0	sw.	30	nw.	8	7	7	17	6.4	.0	.0	10
Wilmington	72	73	107	29.96	30.03	+.02	82.8	+3.7	101	19	91	68	8	74	24	75	73	79	3.63	−3.5	12	7.9	sw.	30	nw.	8	11	16	4	4.7	.0	.0	14
Charleston [2]	48	11	92	29.99	30.04	+.01	84.1	+2.7	101	19	92	68	22	76	23	76	74	83	7.37	+.5	12	8.5	sw.	33	nw.	22	14	11	6	4.5	.0	.0	12
Columbia, S. C. [2]	347	70	91	29.66	30.03	+.01	83.0	+2.1	104	20	93	67	3	73	26	75	73	79	7.24	+1.9	12	6.7	w.	23	s.	3	11	5	15	5.6	.0	.0	11
Greenville, S. C. [1]	1,040	70	78	28.97	30.04	------	79.9	+3.0	98	20	90	64	3	70	26	71	69	75	4.73	−.6	17	6.7	w.	39	w.	29	3	14	14	6.7	.0	.0	14
Augusta [2]	182	62	77	29.85	30.04	+.02	83.3	+2.0	102	20	93	69	3	74	26	73	70	76	5.92	+.5	11	5.2	w.	24	nw.	9	12	12	7	4.8	.0	.0	12
Savannah [2]	65	73	152	29.99	30.06	+.03	84.7	+3.2	103	21	94	70	23	75	25	75	72	77	9.09	+2.4	13	8.7	w.	32	nw.	6	13	11	7	4.8	.0	.0	12
Jacksonville [2]	43	86	110	30.04	30.08	+.05	84.4	+2.3	102	21	94	69	14	75	26	75	73	76	3.98	−2.7	14	6.0	sw.	28	sw.	22	8	21	2	4.9	.0	.0	16
Florida Peninsula							84.8	+2.9										78	2.28	−3.3										4.4			
Key West [2]	21	10	64	30.04	30.06	+.03	85.2	+1.7	92	23	90	76	11	80	14	79	76	78	.33	−3.0	8	9.6	e.	24	e.	28	7	23	1	4.5	.0	.0	11
Miami [2]	25	124	168	30.04	30.07	+.03	84.5	+3.5	95	21	90	71	23	80	21	77	74	77	1.24	−4.2	7	7.6	e.	24	e.	31	12	16	3	4.2	.0	.0	15
Tampa [1]	35	5	61	30.06	30.09	+.05	84.6	+3.4	98	21	93	68	15	76	22	76	74	78	5.28	−2.7	14	7.6	s.	36	s.	15	8	21	2	4.6	.0	.0	23
East Gulf States							82.0	+1.0										79	4.41	−1.3										5.6			
Atlanta [1]	1,173	5	72	28.86	30.05	+.03	80.4	------	96	30	90	66	2	71	26	72	69	77	4.60	−.2	13	7.7	w.	46	nw.	14	7	11	13	6.1	.0	.0	16
Macon [2]	370	79	87	29.67	30.06	+.04	82.2	+1.0	99	21	92	69	25	72	24	73	71	77	3.02	−1.7	14	6.0	w.	25	sw.	25	8	12	11	6.1	.0	.0	13
Thomasville	273	49	58	29.81	30.10	+.07	82.2	+.4	100	21	93	68	3	72	27	---	------	---	5.01	−1.7	13	------	------	---	------	---	3	16	12	---	.0	.0	13
Apalachicola	35	11	51	30.04	30.08	------	83.4	+1.7	98	21	90	72	2	76	20	76	74	77	4.90	−2.8	10	6.0	w.	24	s.	25	13	9	9	4.8	.0	.0	25
Pensacola	56	54	79	30.02	30.08	+.07	82.5	+1.5	100	21	90	71	14	76	21	76	74	79	5.63	−1.1	15	5.8	w.	26	w.	22	10	12	9	5.3	.0	.0	17
Anniston	741	9	----	------	------	------	79.6	+1.7	97	20	90	65	24	69	28	---	------	---	6.66	+1.5	12	------	s.	---	------	---	3	25	3	---	.0	.0	5
Birmingham [2]	700	11	48	29.35	30.08	+.07	81.0	+.8	99	20	91	67	3	71	24	72	70	79	2.15	−3.0	17	5.2	sw.	19	nw.	30	4	19	8	5.8	.0	.0	19
Mobile [2]	57	6	30	30.02	30.08	+.07	82.4	+1.0	98	21	91	71	29	74	23	74	73	85	6.73	−.2	21	5.0	s.	25	s.	22	2	17	12	6.6	.0	.0	19
Montgomery [2]	218	92	105	29.84	30.07	+.05	82.0	+.3	99	21	91	70	8	73	22	74	72	79	3.95	−.9	13	5.7	sw.	27	n.	31	11	9	11	5.3	.0	.0	13
Meridian [2]	375	67	92	29.68	30,07	+.05	81.7	+1.3	99	21	91	68	2	72	23	74	71	76	1.15	−3.7	8	5.3	sw.	18	s.	11	14	9	8	5.1	.0	.0	12
Vicksburg [2]	247	82	102	29.81	30.07	+.07	81.9	+.6	96	21	90	70	24	74	21	74	72	81	.39	−4.1	7	6.3	sw.	27	ne.	15	8	15	8	5.1	.0	.0	9
New Orleans [2]	53	76	84	30.01	30.07	+.07	83.3	+.9	96	14	90	70	26	76	18	76	74	81	8.70	+2.3	16	4.5	se.	27	ne.	15	4	16	11	6.3	.0	.0	23
West Gulf States							82.4	−0.2										74	4.91	+1.6										5.1			
Shreveport [1]	249	92	227	29.79	30.05	+.07	83.9	+.7	101	14	94	66	25	73	27	73	71	72	.56	−3.0	5	7.3	sw.	34	e.	15	11	16	4	4.7	.0	.0	6
Bentonville	1,303	12	51	28.68	30.02	+.05	78.0	−.5	96	16	89	56	23	67	30	---	------	---	.82	−3.5	3	8.2	sw.	24	nw.	10	10	21	0	---	.0	.0	6
Fort Smith	463	57	82	29.54	30.00	+.03	82.4	+.9	100	16	92	64	2	73	26	72	68	65	1.79	−1.6	4	5.8	e.	27	n.	10	18	10	3	3.5	.0	.0	4
Little Rock [2]	357	94	102	29.66	30.04	+.05	82.6	+1.7	101	16	94	64	24	72	30	73	69	69	.86	−2.6	3	7.9	sw.	24	nw.	20	13	13	5	4.3	.0	.0	7
Austin [2]	605	68	90	29.40	30.02	------	82.0	−2.0	98	21	91	66	24	73	30	73	70	76	3.69	+1.4	6	8.3	s.	36	sw.	29	11	17	3	4.8	.0	.0	2
Brownsville [2]	57	88	96	29.94	29.99	------	83.8	+.2	97	22	92	70	24	76	23	76	74	80	.62	------	9	8.7	se.	25	se.	13	2	21	8	6.2	.0	.0	10
Corpus Christi [2]	20	11	78	30.00	30.02	+.06	83.7	+1.0	97	22	90	70	27	77	19	76	75	85	10.23	+8.7	7	9.5	s.	32	ne.	1	8	11	12	5.9	.0	.0	13
Dallas [1]	512	6	46	29.48	30.02	------	84.2	------	99	15	95	64	23	74	30	72	67	63	T	−2.9	0	10.8	s.	32	s.	29	15	10	6	4.1	.0	.0	1
Fort Worth [1]	679	35	56	29.32	30.02	+.06	84.8	+1.2	103	15	97	65	23	73	31	72	67	62	.62	−2.0	2	10.9	s.	27	s.	18	14	10	7	4.4	.0	.0	1
Galveston [2]	54	106	114	29.99	30.04	+.06	82.4	−1.0	92	15	87	67	3	78	19	77	75	81	13.79	+10.1	12	8.5	s.	31	nw.	5	7	13	11	6.0	.0	.0	12
Houston [2]	138	157	190	29.90	30.04	------	81.8	−1.9	94	13	89	69	22	75	20	75	74	83	14.10	+10.1	15	7.5	se.	27	se.	28	3	16	12	6.5	.0	.0	15
Palestine	510	64	72	29.53	30.05	+.08	81.8	−.4	96	16	91	67	25	73	24	73	70	73	1.01	−1.7	8	6.3	s.	22	se.	29	16	9	6	4.2	.0	.0	5
Port Arthur	34	59	134	30.01	30.05	------	82.6	------	96	15	90	70	6	76	24	75	73	78	8.17	+1.2	16	9.6	s.	42	ne.	15	6	14	11	6.2	.0	.0	18
San Antonio [1]	693	28	59	29.31	30.02	+.07	81.2	−2.6	96	14	91	65	24	72	28	73	70	77	8.19	+6.0	12	7.1	se.	31	n.	1	4	19	8	6.0	.0	.0	10

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—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, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max.+mean min.÷2	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	Mean wet thermometer	Mean temperature of the dewpoint	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	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.	In.	In.	In.	°F.	°F.	°F		°F	°F		°F	°F	°F	°F.	%	In.	In.		Miles								0–10	In.	In.	
Ohio Valley and Tennessee							**77.5**	**+1.4**										**76**	**4.30**	**+0.5**										**5.3**			
Chattanooga [1]	762	21	54	29.26	30.05	+0.03	79.5	+2.1	98	20	90	59	3	68	28	72	70	79	5.03	+.8	11	4.9	s.	39	sw.	27	2	19	10	6.4	.0	.0	16
Knoxville [2]	995	66	84	29.02	30.06	+.04	78.8	+1.7	96	17	89	63	3	68	26	71	68	78	9.19	+4.8	13	6.8	sw.	43	nw.	10	4	18	9	5.9	.0	.0	16
Memphis [2]	399	78	86	29.62	30.02	+.02	82.8	+2.1	101	16	93	63	3	72	27	74	70	71	1.78	−1.4	4	7.7	sw.	22	sw.	10	19	11	1	3.7	.0	.0	6
Nashville [1]	546	5	72	29.46	30.04	+.03	81.3	-----	97	19	92	59	3	71	30	72	69	73	2.77	−1.1	12	6.9	sw.	30	w.	14	10	9	12	5.4	.0	.0	12
Lexington	989	6	----	29.00	30.04	+.03	78.2	+2.3	96	17	90	57	3	67	28	---	----	---	8.16	+4.5	10	------	sw.	----	------	---	19	7	5	3.7	.0	.0	10
Louisville [2]	525	106	120	29.47	30.02	+.02	79.7	+1.1	96	30	88	58	7	71	24	71	68	75	1.96	−1.7	4	7.5	sw.	26	sw.	30	10	15	6	4.8	.0	.0	5
Evansville [1]	431	5	38	29.56	30.01	+.01	78.5	−.4	96	30	89	57	7	68	27	71	68	74	1.54	−1.9	8	6.5	sw.	30	sw.	30	10	14	7	5.4	.0	.0	10
Indianapolis [2]	823	98	129	29.14	30.01	+.02	78.2	+2.5	98	17	88	55	7	69	25	70	67	79	2.91	−.4	10	6.9	sw.	21	w.	6	9	15	7	5.1	.0	.0	12
Terre Haute [2]	575	68	149	29.41	30.01	------	78.1	-----	98	17	88	56	7	69	24	71	69	78	4.39	+1.2	12	7.8	sw.	27	nw.	29	10	18	3	4.6	.0	.0	13
Cincinnati [2]	627	11	51	29.35	30.01	+.01	77.0	+1.9	95	17	87	54	7	67	25	70	67	76	4.77	+1.5	11	5.8	sw.	18	nw.	13	10	14	7	4.9	.0	.0	15
Columbus [2]	822	90	110	29.16	30.01	+.01	76.8	+1.9	98	17	87	55	7	67	27	68	65	75	2.57	−1.0	13	8.2	s.	31	sw.	3	7	12	12	5.9	.0	.0	7
Dayton [2]	900	186	213	29.07	30.01	------	76.6	+1.2	95	17	86	55	7	67	25	68	64	72	3.82	+.5	13	8.3	sw.	35	w.	6	6	15	10	5.6	.0	.0	12
Elkins [2]	1,947	61	78	28.05	30.05	+.04	71.4	+1.1	91	17	82	52	8	61	31	66	64	86	7.48	+2.1	16	4.7	nw.	31	nw.	20	3	13	15	6.8	.0	.0	9
Parkersburg	637	77	84	29.35	30.02	+.01	76.0	+.6	96	17	86	56	7	66	29	69	67	78	3.97	−.3	11	4.3	se.	30	nw.	4	9	11	11	5.5	.0	.0	10
Pittsburgh [1]	842	39	54	29.12	30.01	+.01	73.9	−.1	95	18	84	55	7	64	26	66	62	74	4.15	+.1	12	9.2	sw.	30	n.	31	3	14	14	6.4	.0	.0	10
Lower Lake Region							**71.6**	**+0.6**										**71**	**4.09**	**+0.8**										**4.9**			
Buffalo [2]	768	243	280	29.17	29.98	+.01	68.0	−1.8	83	25	74	52	9	62	25	63	59	72	2.42	−.6	11	12.8	sw.	38	sw.	5	10	10	11	5.4	.0	.0	
Canton	448	10	61	29.46	29.93	------	69.0	+.1	91	13	80	46	10	58	31	62	58	69	5.49	+2.0	9	7.5	w.	27	sw.	13	8	12	11	6.0	.0	.0	5
Ithaca	836	77	100	------	------	------	70.6	+.1	94	19	82	45	10	59	37	---	----	---	5.54	+2.0	16	6.4	nw.	24	nw.	19	7	11	13	6.3	.0	.0	7
Oswego	335	71	85	29.60	29.96	.00	69.7	−.7	92	13	77	53	10	62	31	64	60	75	2.74	−.2	13	7.2	w.	24	nw.	14	17	9	5	4.1	.0	.0	8
Rochester [1]	523	5	69	29.42	29.98	+.01	71.0	+.3	95	13	82	47	7	60	35	64	59	70	2.84	−.1	9	8.6	w.	37	w.	5	9	11	11	5.6	.0	.0	5
Syracuse [1]	596	5	51	29.34	29.97	.00	70.8	+1.5	94	19	82	46	10	60	37	65	61	73	2.72	−1.0	13	8.3	sw.	36	sw.	19	10	12	9	5.2	.0	.0	6
Erie [2]	714	57	81	29.24	30.00	+.02	71.6	+.6	91	17	78	52	3	65	30	65	62	77	4.12	+1.1	15	7.4	w.	22	w.	18	9	17	5	5.1	.0	.0	5
Cleveland [1]	762	27	54	29.19	29.99	.00	73.8	-----	96	17	84	53	7	64	32	66	62	69	4.09	+.6	14	8.5	sw.	40	s.	3	12	11	8	5.1	.0	.0	11
Sandusky	629	5	67	------	------	------	75.4	+2.0	100	17	85	55	7	66	29	---	----	---	4.91	+1.5	11	7.6	sw.	24	nw.	30	12	14	5	4.4	.0	.0	10
Toledo [2]	628	79	87	29.33	30.00	+.01	74.5	+1.3	97	17	84	53	7	65	26	67	64	74	3.47	+.4	8	8.6	w.	24	w.	3	25	6	0	2.3	.0	.0	8
Fort Wayne [1]	857	69	84	29.10	30.00	------	73.4	+1.0	95	17	84	51	7	62	29	67	63	73	3.42	+3.8	11	7.0	sw.	43	w.	3	12	13	6	4.6	.0	.0	9
Detroit [1]	730	5	78	29.22	29.99	+.01	73.6	+2.6	99	18	84	50	7	64	28	65	61	66	3.35	.0	13	8.6	w.	32	nw.	19	9	18	4	4.9	.0	.0	10
Upper Lake Region							**68.8**	**+0.8**										**74**	**3.25**	**+0.1**										**5.4**			
Alpena	609	5	89	29.32	29.98	+.01	66.2	+.3	91	13	76	43	2	57	29	61	57	75	1.82	−.9	14	9.9	nw.	29	nw.	14	10	13	8	5.0	.0	.0	6
Escanaba	612	51	72	------	29.97	.00	65.8	−.2	87	10	75	44	8	57	---	---	----	75	3.99	+.7	12	9.2	s.	31	n.	7	9	13	9	----	.0	.0	8
Grand Rapids	707	70	244	29.22	29.97	−.01	73.0	+3.1	95	17	82	53	9	64	31	65	62	73	4.08	+1.2	7	9.2	sw.	36	sw.	19	15	11	5	3.9	.0	.0	6
Lansing [2]	878	5	90	29.06	30.00	------	70.2	−.7	92	17	80	48	2	61	29	65	61	73	4.33	+1.2	11	6.6	sw.	21	s.	26	12	10	9	4.7	.0	.0	8
Marquette	734	44	73	29.16	29.96	.00	64.5	−.4	93	12	74	45	8	56	27	58	54	72	3.30	+.2	10	7.1	w.	29	sw.	18	6	14	11	6.0	.0	.0	6
Sault Sainte Marie [1]	614	11	43	29.29	29.96	−.01	62.7	-----	91	18	74	38	2	52	35	58	55	80	1.47	−1.2	14	9.9	nw.	35	nw.	14	7	10	14	6.4	.0	.0	6
Chicago	673	7	131	29.28	29.99	+.01	75.2	+2.7	100	17	85	53	7	65	27	66	62	71	4.01	+.6	10	7.7	sw.	34	sw.	26	8	15	8	5.2	.0	.0	10
Green Bay	617	109	141	29.32	29.98	+.01	69.9	−.	195	18	80	50	2	60	26	62	58	70	1.88	−1.6	8	9.0	sw.	31	s.	13	5	17	9	6.3	.0	.0	5
Milwaukee [1]	681	33	66	29.26	29.98	+.01	71.4	+3.	298	17	81	49	2	62	27	65	61	71	3.58	+.8	9	10.1	sw.	35	sw.	12	10	11	10	5.4	.0	.0	8
Duluth	1,133	5	47	28.75	29.96	+.01	63.2	−.	788	11	72	45	4	54	28	58	55	76	4.01	+.2	12	10.7	ne.	35	sw.	12	8	12	11	5.9	.0	.0	7
North Dakota							**68.0**	**−0.5**										**72**	**2.61**	**0.0**										**5.4**			
Fargo [1]	940	5	43	28.94	29.94	.00	68.8	+.7	94	17	81	43	6	56	36	62	58	71	.87	−2.6	12	9.5	w.	34	ne.	1	8	----	9	5.2	.0	.0	7
Bismarck [1]	1,677	4	41	28.20	29.96	+.03	68.6	−.8	92	16	80	43	6	57	34	62	58	73	4.17	+1.9	13	8.5	nw.	54	nw.	7	12	14	7	5.0	.0	.0	13
Devils Lake	1,478	11	44	28.40	29.95	+.02	65.8	−1.6	89	11	77	43	3	55	28	60	56	76	4.25	+1.7	13	6.7	nw.	31	nw.	29	6	12	17	6.9	.0	.0	8
Lemmon, S. Dak.	2,602	4	38	27.29	29.97	------	68.0	-----	92	16	80	47	1	56	36	60	57	---	3.11	------	14	------	nw.	----	------	---	12	8	6	----	.0	.0	15
Grand Forks	832	11	71	29.05	29.94	------	66.4	-----	91	17	79	42	6	54	35	61	57	---	2.64	------	9	------	nw.	----	------	---	11	13	7	----	.0	.0	8
Williston	1,878	42	50	28.00	29.94	+.02	68.6	−.3	93	16	80	46	1	57	35	60	55	68	1.14	−.8	9	6.2	se.	33	w.	12	12	13	5	4.3	.0	.0	9
Upper Mississippi Valley							**76.1**	**+0.8**										**75**	**4.99**	**+1.5**								14		**5.0**			
Minneapolis-St. Paul, Minn. [1]	919	32	61	28.97	29.94	−.01	71.4	-----	96	16	81	49	6	62	30	63	59	69	3.80	+.1	10	8.5	se.	33	w.	18	7	13	11	6.0	.0	.0	13
Springfield, Minn.	1,025	4	42	28.87	29.95	------	72.0	-----	98	17	84	47	6	60	35	64	61	---	2.75	----	16	------	nw.	----	------	---	6	16	9	----	.0	.0	13
La Crosse [2]	714	11	48	29.20	29.96	.00	71.4	−1.4	95	17	81	51	2	62	29	65	62	77	4.12	+.2	12	4.1	w.	14	sw.	18	8	10	13	6.3	.0	.0	14
Madison [2]	974	70	78	28.96	29.99	+.02	71.8	−.3	92	17	80	55	2	63	25	65	61	73	3.79	−.1	12	6.6	nw.	24	nw.	13	9	12	10	5.8	.0	.0	11
Charles City	1,015	10	51	28.91	29.98	+.02	72.0	−.3	95	17	82	50	2	62	31	66	63	78	7.47	+3.7	12	5.4	se.	30	sw.	18	10	13	8	4.9	.0	.0	15
Davenport [2]	606	66	161	29.34	29.99	+.02	77.0	+1.7	96	17	86	55	2	68	24	68	65	73	6.15	+2.8	13	8.0	sw.	51	nw.	5	11	13	7	5.0	.0	.0	15
Des Moines [2]	860	5	99	29.05	29.96	.00	76.1	+.7	97	17	86	55	2	66	28	68	65	77	7.11	+3.6	13	8.2	s.	33	sw.	2	12	17	2	4.3	.0	.0	13
Dubuque	699	60	79	29.24	29.97	.00	74.5	+.4	95	17	84	52	2	65	27	67	64	73	3.70	−.2	11	5.0	nw.	16	nw.	13	7	14	10	5.4	.0	.0	12
Burlington, Ia.	702	6	35	29.24	29.98	.00	76.2	−.3	96	17	86	50	2	66	30	69	65	77	4.30	+.7	13	7.1	s.	24	s.	12	12	13	6	4.7	.0	.0	16
Cairo	358	87	93	29.65	30.02	+.02	82.5	+2.9	98	16	92	65	24	73	25	---	----	---	.62	−2.4	9	6.8	sw.	30	n.	21	8	15	8	5.5	.0	.0	11
Peoria [2]	609	11	45	29.36	30.00	+.02	76.3	+.9	97	17	86	51	2	66	28	69	66	78	3.88	+.3	13	3.9	sw.	21	n.	13	20	10	1	2.9	.0	.0	12
Springfield, Ill. [2]	636	5	191	29.33	30.00	+.02	78.8	+2.3	98	17	88	58	2	70	24	70	68	79	7.06	+4.2	11	9.2	s.	29	n.	13	10	11	10	5.7	.0	.0	12
St. Louis [5]	568	179	303	29.41	30.00	+.01	80.6	+1.8	97	30	89	66	8	72	26	71	67	67	7.92	+4.9	11	10.3	sw.	35	sw.	4	16	12	3	4.0	.0	.0	10
Missouri Valley							**77.6**	**+2.2**										**69**	**3.21**	**−0.5**										**4.4**			
Columbia, Mo. [2]	784	6	66	29.17	29.99	+.01	79.2	+2.3	99	31	89	60	1	69	25	71	69	75	4.63	+1.1	11	6.0	sw.	27	nw.	19	12	17	2	4.2	.0	.0	10
Kansas City [1]	963	38	76	28.96	29.96	−.01	81.5	-----	100	31	91	59	23	72	28	71	67	66	2.69	−1.4	5	10.5	sw.	30	nw.	25	14	15	2	3.8	.0	.0	8
St. Joseph [2]	967	11	49	28.96	29.96	------	80.0	+2.6	98	29	90	58	23	70	32	71	68	75	2.21	−1.6	8	7.6	s.	21	se.	14	18	10	3	3.7	.0	.0	10
Springfield, Mo. [1]	1,324	5	60	28.66	30.02	+.04	77.2	-----	95	16	88	59	23	67	27	70	67	75	2.96	−1.2	4	9.1	sw.	40	n.	9	12	13	6	4.5	.0	.0	7
Topeka	987	65	87	28.93	29.95	-----	82.1	+4.3	104	31	93	60	23	71	28	70	66	64	1.92	−2.4	7	8.4	s.	26	n.	9	13	15	3	4.5	.0	.0	9
Lincoln [2]	1,189	11	81	28.69	29.92	−.03	79.8	+3.3	102	16	92	56	22	67	36	68	64	65	3.29	−.6	6	8.4	s.	29	s.	7	14	15	2	3.9	.0	.0	6
Omaha [1]	1,105	31	44	28.80	29.95	.00	78.0	+2.8	100	15	89	55	2	67	33	69	65	70	4.49	+1.0	11	9.8	s.	44	nw.	23	10	14	7	4.6	.0	.0	12
Valentine	2,598	46	54	27.30	29.96	+.03	73.8	+.1	101	16	88	50	2	60	37	62	56	61	3.05	.0	11	7.7	n.	30	w.	27	11	18	2	4.5	.0	.0	16
Sioux City [1]	1,138	5	27	28.75	29.94	−.01	76.0	+1.7	105	17	88	50	2	64	38	67	62	68	1.66	------	10	7.6	se.	30	w.	29	9	15	7	4.8	.0	.0	13
Huron [1]	1,301	5	41	28.58	29.95	+.01	71.7	−.1	101	16	84	46	6	60	32	64	61	74	3.67	+.5	11	9.7	n.	46	ne.	27	9	16	6	5.0	.0	.0	13
Northern Slope							**71.0**	**+2.0**										**56**	**1.25**	**−0.4**										**3.6**			
Billings [1]	3,570	18	39	26.36	29.95	------	72.2	+.2	99	22	86	52	13	58	40	58	49	53	.56	−.8	6	9.8	sw.	43	nw.	29	16	14	1	3.8	.0	.0	12
Havre	2,507	11	67	27.38	29.97	+.06	69.6	+1.3	97	22	84	41	13	56	43	57	48	54	2.08	+.2	11	8.1	nw.	31	nw.	12	17	11	3	3.2	.0	.0	10
Helena [1]	4,124	5	35	25.87	29.98	+.05	68.4	+2.7	96	22	84	44	18	52	46	54	45	51	.48	−.7	10	9.0	w.	54	sw.	10	15	15	1	3.3	.0	.0	15
Missoula [2]	3,205	80	91	26.68	29.99	------	70.2	+2.6	97	7	86	44	18	54	41	56	46	54	.55	−.4	8	6.7	se.	27	ne.	10	21	9	1	2.7	.0	.0	8
Kalispell	2,973	48	56	26.96	29.96	+.03	65.6	+1.5	89	22	78	43	12	53	35	55	48	62	2.72	+.6	14	6.2	w.	25	sw.	4	15	11	5	3.7	.0	.0	13
Miles City [2]	2,371	48	55	27.50	29.94	+.02	73.0	+.1	98	22	86	52	20	60	40	61	54	59	1.44	−.1	9	5.3	ne.	41	nw.	29	19	9	3	3.3	.0	.0	6
Rapid City [2]	3,259	50	58	26.67	29.96	+.03	72.0	+1.0	94	15	84	50	2	60	40	60	54	62	1.69	−.7	13	7.4	n.	48	sw.	31	11	18	2	4.2	.0	.0	14
Cheyenne [1]	6,094	5	39	24.14	29.99	+.07	69.0	-----	94	14	85	44	21	53	39	54	48	59	1.07	−1.0	15	8.8	nw.	35	nw.	5	9	17	5	4.7	.0	.0	17
Lander	5,352	60	68	24.76	29.95	+.03	71.2	+3.8	94	22	88	50	2	55	42	54	43	45	.28	−.4	4	5.5	sw.	30	nw.	29	16	14	1	3.8	.0	.0	10
Sheridan [6]	3,790	6	42	26.16	29.95	------	71.3	+2.9	98	22	87	48	21	56	43	57	49	54	1.09	−.1	9	6.9	nw.	45	nw.	29	10	18	3	4.3	.0	.0	18
North Platte [2]	2,821	11	51	27.07	29.92	−.01	76.6	+3.7	101	16	90	53	1	63	38	64	59	63	1.82	−.9	6	6.4	s.	23	ne.	28	21	10	0	2.5	.0	.0	9

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—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, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max.+mean min.÷2	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	Mean wet thermometer	Mean temperature of the dewpoint	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	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.	In.	In.	In.	°F.	°F.	°F		°F	°F		°F	°F	°F	°F.	%	In.	In.		Miles								0-10	In.	In.	
Middle Slope							78.8	+1.8										57	1.41	−1.4										3.8			
Denver [1]	5,292	106	113	24.85	29.97	+.06	73.3	+2.1	95	12	86	52	2	60	37	56	47	50	1.21	−.5	10	7.3	s.	32	n.	23	11	16	4	4.2	.0	.0	13
Pueblo [1]	4,690	5	36	25.38	29.96	+.05	74.4	+.2	99	13	90	50	2	59	42	58	50	54	1.10	−.8	7	8.2	w.	41	w.	29	13	17	1	3.8	.0	.0	13
Concordia	1,392	50	58	28.50	29.94	−.01	81.2	+3.2	102	31	93	60	22	69	35	68	62	58	1.53	−2.2	9	7.5	s.	31	w.	25	14	15	2	3.7	.0	.0	11
Dodge City [1]	2,509	10	86	27.40	29.92	−.01	81.0	+2.6	104	8	95	59	2	67	35	65	57	52	1.70	−1.4	7	13.9	s.	34	nw.	21	11	15	5	4.5	.0	.0	12
Wichita [1]	1,358	6	64	28.56	29.96	.00	80.8	+1.4	101	30	92	63	23	69	29	69	65	66	2.34	−1.0	4	13.7	s.	31	s.	12	15	13	3	3.7	.0	.0	6
Oklahoma City [2]	1,214	10	47	28.74	29.98	+.02	82.0	+1.4	99	29	73	64	22	71	35	70	65	63	.60	−2.3	2	8.8	s.	19	s.	12	22	5	4	2.9	.0	.0	5
Southern Slope							81.2	0.0										56	0.77	−1.6										3.9			
Abilene [2]	1,738	10	56	28.22	29.97	+.04	83.0	+.2	100	24	94	64	23	72	32	69	64	61	.19	−1.9	2	10.1	s.	21	s.	12	19	11	1	3.4	.0	.0	2
Amarillo [2]	3,676	10	49	26.34	29.95	+.03	78.6	+1.8	99	9	92	55	22	65	35	63	56	55	.80	−2.0	4	13.5	s.	32	sw.	30	17	12	2	3.4	.0	.0	10
Del Rio	960	63	71	28.98	29.94	+.04	84.0	−2.3	99	24	94	69	6	75	25	72	67	60	.13	−2.3	1	10.9	se.	32	e.	4	7	19	5	5.5	.0	.0	6
Roswell	3,566	75	85	26.42	29.94	+.06	79.0	+.1	100	12	93	58	2	65	37	64	56	52	1.96	−.3	9	7.7	s.	37	nw.	24	20	8	3	3.3	.0	.0	15
Southern Plateau							86.1	+2.8										38	0.48	−0.7										2.7			
El Paso [2]	3,778	82	101	26.21	29.88	+.04	83.6	+2.5	102	10	96	63	2	72	33	63	51	42	.68	−1.3	5	7.5	e.	27	n.	24	13	15	3	4.2	.0	.0	9
Albuquerque [1]	5,314	5	45	24.83	29.88	------	78.8	+2.1	100	12	93	55	2	64	35	58	45	38	.20	−1.2	8	9.7	se.	43	e.	25	19	11	1	3.6	.0	.0	18
Phoenix [2]	1,107	39	87	28.68	29.78	.00	92.7	+2.9	116	6	106	70	15	79	35	69	57	37	1.24	+.2	4	6.2	e.	30	ne.	2	19	10	2	2.8	.0	.0	7
Tucson [1]	2,555	5	23	27.31	29.82	------	89.8	------	110	7	104	70	24	76	36	66	54	36	.68	−1.6	9	------	s.	----	------	---	14	14	3	4.2	.0	.0	13
Yuma	142	9	54	29.64	29.78	+.02	94.2	+3.3	117	7	110	73	19	78	40	72	61	39	.08	−.1	1	5.9	sw.	18	se.	14	29	2	0	0.8	.0	.0	0
Independence	3,957	5	26	25.97	29.91	+.08	81.2	+3.1	102	23	98	57	18	65	40	56	36	---	.00	−.1	0	3.6	s.	----	------	---	24	7	0	0.7	.0	.0	2
Middle Plateau							75.7	+3.1										36	040	−0.2										2.2			
Reno [2]	4,527	61	76	25.51	29.96	+.09	73.3	+3.2	99	23	90	46	12	56	40	53	41	47	T	−.2	0	6.3	w.	22	w.	14	29	2	0	1.0	.0	.0	2
Tonopah	6,090	9	20	24.13	29.90	------	78.2	------	99	23	91	60	18	66	30	52	31	---	T	------	0	------	se.	----	------	---	20	11	0	----	.0	.0	1
Winnemucca	4,339	5	56	25.64	29.90	.00	75.2	+4.6	101	21	94	45	12	56	46	53	34	27	.06	−.2	1	7.6	sw.	26	sw.	22	27	4	0	1.5	.0	.0	2
Modena	5,473	10	46	------	29.87	+.01	72.6	+2.0	97	6	91	47	18	54	---	---	---	---	.42	−.7	8	10.0	sw.	34	n.	28	14	13	4	----	.0	.0	14
Salt Lake City [1]	4,227	86	47	25.63	29.87	−.03	78.2	+4.2	101	22	94	55	2	63	42	58	44	36	.37	−.2	4	9.8	se.	39	sw.	7	23	6	2	3.1	.0	.0	10
Grand Junction	4,602	60	68	25.44	29.94	+.05	79.4	+1.7	101	13	94	59	19	65	38	57	43	35	1.15	+.5	5	6.6	se.	28	s.	14	17	11	3	3.4	.0	.0	11
Northern Plateau							72.9	+2.9										45	0.35	−0.2										2.7			
Baker [2]	3,471	36	54	26.48	29.98	+.03	67.8	+2.2	99	21	85	44	18	51	46	54	47	61	.37	−.2	4	6.1	n.	20	sw.	14	25	6	0	2.1	.0	.0	3
Boise [1]	2,739	5	49	27.13	29.90	−.03	75.7	------	104	21	92	45	18	60	40	57	43	36	T	------	0	9.0	nw.	31	se.	14	26	4	1	1.9	.0	.0	0
Pocatello [1]	4,478	5	31	25.51	29.91	−.01	73.0	------	101	22	92	46	21	54	48	53	37	35	.13	−.6	1	9.2	sw.	34	w.	15	19	11	1	2.8	.0	.0	7
Spokane [1]	1,929	27	42	27.96	29.95	−.01	71.2	+2.2	98	2	86	46	12	57	40	58	49	54	.34	−.4	5	7.2	n.	27	w.	29	16	9	6	3.7	.0	.0	5
Walla Walla	991	57	65	28.90	29.94	−.03	76.9	+2.9	106	3	90	54	12	64	39	---	---	---	.83	+.4	5	5.9	s.	23	w.	4	23	4	4	2.2	.0	.0	1
Yakima	1,076	58	67	28.82	29.95	------	75.6	+4.2	105	3	90	46	12	61	36	58	46	41	.08	−.2	1	6.8	nw.	25	sw.	3	21	5	5	3.5	.0	.0	0
North Pacific Coast Region							67.2	+3.7										71	1.10	+0.4										5.4			
North Head	211	5	56	29.84	30.06	−.02	61.9	+4.7	87	1	66	53	24	57	23	59	57	86	1.40	+.4	13	12.4	n.	34	n.	23	4	7	20	7.4	.0	.0	0
Seattle [2]	125	90	321	29.90	30.03	−.01	67.7	+4.6	98	1	76	55	31	59	34	61	56	71	.57	−.1	5	8.7	s.	31	sw.	4	8	13	10	5.4	.0	.0	1
Tacoma	194	172	201	29.85	30.05	−.01	66.8	+4.0	93	1	75	53	12	58	29	---	---	---	1.12	+.5	6	7.9	sw.	32	w.	4	7	12	12	6.1	.0	.0	1
Tatoosh Island	86	9	61	29.96	30.05	.00	59.0	+3.9	80	20	64	51	25	55	25	56	54	86	3.47	+1.9	11	10.9	s.	37	sw.	3	3	8	20	6.5	.0	.0	0
Medford [1]	1,329	29	58	28.60	29.97	------	73.2	+1.5	108	1	89	46	11	57	45	59	50	51	T	−.4	0	------	nw.	----	------	---	24	3	4	2.2	.0	.0	0
Portland, Oreg. [2]	154	68	106	29.86	30.03	−.02	71.0	+4.3	107	2	81	53	12	61	36	62	58	70	.96	+.4	5	5.6	nw.	18	w.	10	12	9	10	5.2	.0	.0	0
Roseburg	510	45	76	29.49	30.03	.00	70.6	+3.2	106	1	84	50	12	58	42	61	54	63	.16	−.2	2	4.4	n.	16	n.	25	14	13	4	3.9	.0	.0	0
Middle Pacific Coast Region							69.7	+2.4										64	0.02	0.0										3.4			
Eureka	60	72	88	30.00	30.07	+.02	59.8	+4.3	71	1	64	53	13	56	15	57	55	86	.07	.0	5	6.9	n.	19	n.	11	4	11	16	6.7	.0	.0	0
Redding [1]	722	20	34	29.14	29.90	------	82.9	+1.1	111	24	96	61	16	70	32	62	46	32	.00	−.1	0	8.0	nw.	28	nw.	10	29	2	0	1.2	.0	.0	0
Sacramento [2]	66	92	115	29.83	29.90	+.02	76.3	+3.1	108	24	93	55	31	60	43	62	53	53	T	.0	0	7.8	s.	24	sw.	4	29	2	0	.8	.0	.0	0
San Francisco	155	112	132	29.81	29.98	+.03	59.7	+1.2	70	9	65	51	1	55	16	56	54	85	.01	.0	1	11.2	w.	29	w.	10	7	20	4	4.9	.0	.0	0
South Pacific Coast Region							74.9	+2.0										61	T	0.0										2.4			
Fresno [1]	327	5	35	29.53	29.87	+.04	83.4	+2.1	111	1	101	60	5	66	40	64	51	38	T	.0	0	7.7	nw.	20	nw.	10	29	2	0	.7	.0	.0	0
Los Angeles	338	223	250	29.59	29.94	+.04	71.8	+1.6	90	7	82	58	31	61	27	62	58	70	.00	.0	0	5.7	w.	17	w.	21	25	6	0	2.6	.0	.0	0
San Diego [1]	87	20	55	29.85	29.95	+.03	69.6	+2.4	84	8	76	58	5	63	24	63	60	76	.00	.0	0	6.8	w.	19	s.	9	14	16	1	4.0	.0	.0	0
West Indies																																	
San Juan, P. R.	82	10	54	29.94	30.02	------	80.7	+.6	92	21	85	70	8	76	15	77	75	81	7.45	+1.5	23	13.6	e.	31	e.	28	0	2	10	6.5	.0	.0	8
Panama Canal																																	
Balboa Heights	118	6	92	------	[3] 29.85	+.02	81.0	+.7	91	17	88	72	13	74	17	---	---	[3] 88	6.22	−.9	20	4.9	nw.	19	nw.	26	0	8	23	7.9	.0	.0	10
Cristobal	27	47	97	------	[3] 29.86	+.01	81.6	+1.2	89	17	86	73	3	77	15	77	76	[3] 87	17.35	+1.7	28	7.1	w.	24	sw.	3	0	2	29	9.0	.0	.0	12
Alaska																																	
Juneau	80	96	116	------	[4] 30.06	------	57.7	+1.0	80	29	64	45	3	51	---	---	---	---	6.16	+1.0	17	5.1	s.	19	w.	30	3	5	23	----	.0	.0	0
Nome	22	25	56	------	[4] 29.88	------	48.6	−1.3	66	22	53	35	19	44	---	---	---	88	4.08	+1.5	17	9.9	s.	35	sw.	24	1	5	25	----	.0	.0	0
Hawaiian Islands																																	
Honolulu	38	86	100	29.97	30.01	------	78.4	+.7	85	18	83	71	17	74	13	70	67	72	.29	−.9	7	8.9	ne.	23	ne.	11	5	14	12	6.4	.0	.0	1

[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 not reduced to a mean of 24 hours.
[5] Barometric data from airport; other data from city office records.
[6] Wind, clear, partly cloudy, and cloudy data from city office records; other data from airport.

NOTE.—Except as indicated by notes 1, 2, 5 and 6 data in table are *city office* records.