CLIMATOLOGICAL DATA

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS

[For description of tables and charts, see REVIEW January 1942, 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	82.2	+2.4	Centerville	109	26	Huntsville	54	18	3.64	−0.89	Pine Level	11.98	Cuba	0.25
Arizona	77.9	−.6	Ehrenberg	113	26	Bright Angel	36	31	3.08	+.76	Helvetia	7.46	Yuma Valley	.00
Arkansas	84.6	+4.5	2 stations	113	[1]15	Lead Hill	48	18	1.03	−2.53	Portland	4.67	6 stations	.00
California	70.6	−1.7	Cow Creek	122	1	Portola	19	[1]19	.03	−.07	Crescent City (near)	2.13	256 stations	.00
Colorado	68.0	+2.3	Las Animas	106	1	Dillon	26	31	2.51	+.57	Trout Lake	8.06	Windsor	.12
Florida	82.0	+.6	De Funiak Springs	102	17	Hilliard	59	25	7.42	+.41	Miami Airport	16.88	Crestview	1.56
Georgia	81.0	+1.5	3 stations	105	[1]15	Blairsville	50	20	3.96	−1.29	Camp Stewart	14.35	Fort Valley	.67
Idaho	65.3	−1.0	Grand View	108	13	Landmark	19	23	.47	−.17	Montpelier	2.30	9 stations	.00
Illinois	77.0	+2.4	Olney	109	26	Danville	44	20	2.97	−.39	Gridley	10.52	Casey	T
Indiana	75.4	+1.8	New Harmony	107	[1]24	Marengo	40	[1]19	2.51	−.81	La Porte	8.22	2 stations	T
Iowa	74.0	+1.8	Shenandoah	101	25	Decorah	40	18	5.07	+1.47	Washington	10.49	LeMars	.74
Kansas	82.8	+4.9	Ashland	113	2	2 stations	44	18	2.26	−.89	Tonganoxie (near)	7.85	Cottonwood Falls	.14
Kentucky	78.1	+2.2	Earlington	106	25	St. John	42	20	1.32	−2.37	Berea	4.73	2 stations	T
Louisiana	83.9	+2.0	Urania	109	28	Ruston	53	21	2.92	−2.23	Morgan City	9.99	Tallulah	.03
Maryland-Delaware	75.6	+2.1	Keedysville, Md	102	14	Sines, Md	38	19	1.34	−3.19	Oakland, Md	7.45	Easton, Md	.07
Michigan	68.0	+1.0	6 stations	94	[1]1	Kenton	29	18	2.77	−.01	Sandusky	6.41	Jackson	.78
Minnesota	68.5	+.9	2 stations	100	1	Meadowlands	35	18	3.99	+.72	Fairmont	7.85	Hallock	1.19
Mississippi	84.0	+3.2	do	109	27	2 stations	54	19	1.92	−2.27	Fruitland Park	7.15	3 stations	.00
Missouri	79.8	+3.2	Wasola	110	26	do	44	18	2.46	−1.35	Canton, Lock No. 20	6.94	Koshkonong	.11
Montana	65.4	+.3	McRae	104	16	West Yellowstone	24	26	1.24	+.16	Wibaux	4.44	Bear Dance	.08
Nebraska	77.5	+4.1	Alma	113	24	Ewing	33	17	1.70	−.98	Ewing	4.61	Lake Minatare	.05
Nevada	70.0	−.7	Overton	115	13	2 stations	21	31	.15	−.24	Pioche	1.62	31 stations	.00
New England	66.6	−.4	2 stations	96	2	Lake Frontiere, Maine	33	[1]8	3.63	−.16	Cadillac Mountain, Maine.	10.00	2 stations	.71
New Jersey	73.2	+1.2	do	99	[1]2	Sussex	39	7	2.16	−2.59	Morris Plains	4.61	Barnegat City	.22
New Mexico	73.5	+2.8	do	108	20	2 stations	34	[1]27	2.11	−.32	Des Moines	7.90	5 stations	.00
New York	68.1	+.5	Bedford Hills	98	2	Lake Placid Club	36	27	3.81	+.06	Hamilton	7.67	Ogdensburg	.78
North Carolina	77.4	+1.4	3 stations	105	[1]14	Banners Elk	39	20	2.94	−2.62	New Holland	11.07	Marion	.20
North Dakota	67.7	+1.2	Mott	104	1	Parshall	31	17	2.61	+.56	Fargo	6.81	Devils Lake	.49
Ohio	72.4	+.7	Ironton	101	14	Millport	40	19	2.88	−.51	Canton	7.23	Chilo	.15
Oklahoma	87.1	+5.5	Altus	118	3	Reydon (near)	46	18	.77	−2.15	Regnier (near)	4.22	12 stations	.00
Oregon	62.8	−2.5	Huntington	107	1	Round Grove	22	30	.87	+.44	Silver Creek	3.78	3 stations	.00
Pennsylvania	70.8	+.5	Phoenixville	101	[1]24	2 stations	33	20	2.72	−1.48	Greensburg	6.53	West Grove	.43
South Carolina	80.2	+1.3	Calhoun Falls	105	[1]25	6 stations	54	[1]20	3.90	−1.82	Charleston Airport	14.53	Darlington	.94
South Dakota	73.7	+2.7	Pierre	109	1	2 stations	33	[1]17	2.18	+.08	Clark	6.19	Rapid City	.10
Tennessee	79.9	+3.1	3 stations	106	[1]10	Rugby	43	20	2.59	−1.44	Columbia	6.08	Kingston	.38
Texas	85.8	+3.0	Vernon	119	3	Miami	50	18	.61	−1.70	Dalhart	3.80	60 stations	.00
Utah	70.8	+1.0	St. George	107	[1]3	Mountain Dell Dam	19	31	1.40	+.36	Beaver Canyon	5.21	Callao	.01
Virginia	75.8	+1.7	Clarksville	104	14	Burkes Garden	35	20	1.73	−2.74	Rose Hill	6.11	Wallaceton	.40
Washington	64.1	−1.6	Wahluke (near)	102	[1]13	Stockdill Ranch	31	23	1.03	+.22	Higley Peak	6.29	Cle Elum	T
West Virginia	72.3	+.5	Martinsburg	105	10	2 stations	38	[1]19	3.95	−.18	Pickens No. 2	7.95	Kearneysville	.98
Wisconsin	69.5	+1.8	Wisconsin Rapids	97	1	Coddington	31	18	4.31	+.96	Prairie du Chien	10.00	Grantsburg	1.73
Wyoming	67.2	+3.1	3 stations	104	1	Lamar Ranger Station	25	26	.89	−.19	Crandall Creek	2.55	Hawk Springs	T
Alaska (July)	53.8	−1.7	University	86	6	Wainwright	28	1	3.53	+.90	Kimsham Cove	16.11	Wainwright	.34
Hawaii	75.6	+.7	Waianai	96	21	Volcano Observatory	52	[1]14	6.10	−.29	Kukui	48.00	Mikilua	.00
Puerto Rico	78.8	.0	Guayama	97	25	Guineo Reservoir	58	8	8.92	+1.53	Rio Blanco (1800)	19.61	Potala	1.60

[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	Pressure: Sea level	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 temperature of the dew-point	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.	%	In.	In.		Miles								0–10	In.	In.	
New England							67.0	+0.4									81	3.00	−0.5										5.2			
Eastport	75	67	85	29.80	29.89	−0.07	60.0	−0.7	78	5	68	50	8	52	25	54	86	6.61	+3.6	15	7.3	s.	29	s.	14	10	13	8	5.4	.0	.0	3
Greenville, Maine	1,070	6	41	28.74	29.90	------	61.4	−.8	85	2	73	37	8	50	37	56	----	2.94	−.4	18	------	nw.	----	------	---	1	18	12	----	.0	.0	2
Portland, Maine [1]	103	5	43	29.77	29.90	−.08	65.4	-----	91	2	75	48	7	56	32	59	83	3.27	+.1	11	6.2	s.	20	s.	16	12	10	9	5.3	.0	.0	6
Concord [1]	289	4	45	29.59	29.91	−.07	65.5	−1.3	93	2	77	41	27	54	35	59	83	3.19	−.4	12	4.6	se.	22	nw.	26	10	10	11	5.9	.0	.0	5
Burlington [2]	403	11	48	------	------	------	67.5	−.4	89	2	77	47	27	58	---	59	82	4.84	+1.5	17	7.7	s.	25	s.	13	1	16	14	----	.0	.0	9
Northfield	876	12	60	28.97	29.91	−.07	63.6	+.2	86	2	74	40	27	54	31	----	----	4.22	+.7	20	5.6	sw.	20	sw.	14	4	13	14	7.0	.0	.0	6
Boston [1]	124	33	62	29.77	29.91	−.08	71.0	-----	94	2	79	56	27	63	27	59	71	1.28	−2.3	9	9.8	sw.	28	sw.	13	10	9	12	5.6	.0	.0	2
Nantucket	12	11	59	29.90	29.92	−.07	68.8	+1.0	82	2	75	55	29	62	18	63	88	4.03	+.6	8	9.5	sw.	30	s.	14	11	12	8	4.7	.0	.0	5
Block Island	26	11	46	29.89	29.92	−.07	69.3	+.8	82	2	75	58	29	63	17	63	85	2.42	−1.2	6	12.1	sw.	31	w.	14	19	9	3	2.9	.0	.0	4
Providence [5]	159	46	60	29.75	29.93	−.06	72.2	+1.2	96	2	82	54	27	63	27	61	78	.82	−2.7	4	7.3	sw.	30	sw.	3	11	11	9	5.0	.0	.0	2
Hartford [1]	159	5	44	29.71	29.89	−.10	70.6	+1.7	93	2	82	50	20	60	32	61	78	1.18	−3.1	9	7.3	s.	26	sw.	13	8	12	11	5.8	.0	.0	4
New Haven [1]	107	5	39	29.80	29.93	−.06	70.9	+2.3	89	2	81	52	20	61	26	62	76	1.22	−2.7	7	6.6	sw.	21	se.	29	13	10	8	4.8	.0	.0	4
Middle Atlantic States							75.3	+1.8									74	1.90	−2.3										4.7			
Albany [1]	97	26	40	29.78	29.89	−.09	69.1	+.1	95	2	80	47	27	58	32	60	79	4.50	+1.4	14	6.5	s.	25	w.	16	8	12	11	6.0	.0	.0	7
Binghamton [2]	871	57	79	29.00	29.93	−.06	69.6	+1.6	92	2	81	45	20	58	35	60	83	4.11	+.5	9	5.2	w.	20	w.	13	6	17	8	5.8	.0	.0	2
New York	314	415	454	29.58	29.92	−.08	74.5	+1.4	91	2	82	58	28	67	20	61	70	2.95	−1.4	7	11.9	s.	32	s.	13	13	11	7	4.7	.0	.0	8
Harrisburg [1]	374	30	49	29.53	29.93	−.08	75.2	+2.6	97	12	86	54	20	64	33	62	70	1.68	−2.4	8	6.5	w.	29	sw.	4	11	11	9	5.1	.0	.0	5
Philadelphia [1]	114	6	56	29.79	29.92	−.08	76.4	+1.6	95	12	87	57	20	66	29	63	68	.65	−4.0	7	7.2	sw.	22	n.	10	9	14	8	5.4	.0	.0	4
Reading	323	47	306	29.57	29.92	------	76.0	+3.1	95	12	87	55	20	65	33	----	----	1.67	−2.5	7	8.7	nw.	30	sw.	13	13	10	8	5.0	.0	.0	4
Scranton	805	72	104	29.08	29.94	−.06	71.2	+1.4	92	12	82	47	20	60	33	----	----	2.83	−.9	8	5.7	n.	20	nw.	18	9	18	4	5.1	.0	.0	2
Atlantic City	52	37	172	29.87	29.93	−.07	72.2	−.3	88	15	78	59	19	66	20	65	82	.44	−4.0	6	13.6	s.	33	sw.	10	16	7	8	4.1	.0	.0	2
Trenton	190	89	107	29.72	29.93	------	74.8	+1.8	93	2	85	56	19	64	31	63	70	2.81	−1.9	8	7.7	s.	21	s.	3	11	13	7	5.1	.0	.0	6
Baltimore [2]	123	100	215	29.80	29.93	−.08	79.1	+3.6	99	14	88	60	30	70	24	63	67	.86	−3.5	7	8.5	s.	25	se.	12	12	12	7	4.5	.0	.0	4
Washington [2]	112	56	100	29.81	29.93	−.08	79.0	+4.0	100	14	90	59	20	68	26	64	67	.74	−3.3	6	5.6	s.	18	n.	10	14	12	5	4.3	.0	.0	2
Cape Henry	18	8	54	29.91	29.94	------	77.0	+.1	95	14	85	63	24	69	23	69	80	1.12	−3.7	3	9.3	sw.	40	n.	5	17	10	4	3.8	.0	.0	2
Lynchburg	686	144	184	29.23	29.94	−.08	78.2	+2.6	100	25	90	54	20	66	33	64	70	2.27	−1.5	7	5.3	w.	24	ne.	10	18	8	5	3.5	.0	.0	6
Norfolk [2]	91	80	125	29.85	29.96	−.04	78.6	+1.2	95	14	87	66	20	70	23	69	81	1.00	−4.2	4	8.3	sw.	21	ne.	11	12	12	7	4.5	.0	.0	4
Richmond	144	11	52	29.78	29.92	−.09	78.8	+2.3	99	14	90	55	20	67	32	65	71	.80	−3.6	6	6.8	sw.	21	nw.	16	17	9	5	3.7	.0	.0	6
South Atlantic States							80.3	+2.2									79	3.91	−1.8										4.9			
Asheville	2,253	77	92	27.70	29.97	−.05	75.2	+4.7	94	16	86	53	19	64	33	64	78	2.17	−2.0	8	5.1	nw.	23	se.	11	9	11	11	5.7	.0	.0	8
Charlotte [2]	779	63	86	29.14	29.95	−.07	80.6	+3.5	100	27	91	59	20	70	28	68	74	1.72	−3.4	7	5.3	s.	17	n.	28	10	11	10	5.2	.0	.0	6
Greensboro [1]	886	6	56	29.04	29.97	------	77.6	-----	97	25	90	52	20	65	35	65	74	1.52	------	6	6.3	sw.	23	s.	27	11	13	7	4.6	.0	.0	8
Hatteras	11	5	50	29.93	29.94	−.06	78.4	+.4	88	11	84	68	1	73	18	72	83	5.56	−.2	10	10.9	ne.	29	nw.	17	12	13	6	4.5	.0	.0	8
Raleigh [1]	376	27	69	29.56	29.95	−.06	79.1	+2.2	101	26	90	57	20	68	32	68	77	3.17	−2.2	5	6.7	sw.	33	w.	26	12	7	12	5.2	.0	.0	6
Wilmington	72	73	107	29.87	29.95	−.05	79.6	+2.0	93	15	88	62	20	71	23	72	84	5.87	−.5	10	7.7	sw.	32	sw.	28	14	13	4	4.4	.0	.0	8
Charleston [2]	48	11	92	29.88	29.94	−.07	81.8	+.8	97	28	89	66	20	75	21	73	88	1.35	−5.2	8	9.1	s.	26	ne.	19	18	7	6	4.0	.0	.0	7
Columbia, S. C. [2]	347	70	91	29.58	29.94	−.07	81.6	+2.0	100	26	92	62	21	71	28	71	79	3.84	−1.6	9	6.6	s.	27	sw.	5	9	12	10	5.2	.0	.0	8
Greenville, S. C. [1]	1,040	18	36	28.87	29.95	------	79.6	+3.8	100	26	90	62	21	70	29	67	74	3.77	−1.7	7	6.3	ne.	23	e.	28	9	12	10	5.3	.0	.0	9
Augusta [2]	182	62	77	29.74	29.94	−.07	82.2	+1.8	100	14	93	62	22	72	30	68	71	2.11	−2.9	9	4.9	s.	25	n.	29	11	13	7	4.6	.0	.0	13
Savannah [2]	65	73	152	29.87	29.94	−.07	83.2	+2.5	99	15	93	67	20	74	28	73	83	5.66	−1.6	9	8.0	sw.	32	ne.	15	12	15	4	4.6	.0	.0	8
Jacksonville [2]	43	86	110	29.91	29.96	−.05	82.2	+.5	96	28	90	65	25	74	28	73	83	7.79	+2.0	14	6.6	sw.	28	sw.	13	7	17	7	5.4	.0	.0	13
Florida Peninsula							82.9	+0.8									80	4.74	−1.6										5.9			
Key West [2]	21	10	64	29.93	29.96	−.02	84.8	+1.3	92	19	90	75	22	79	14	75	75	2.56	−2.0	14	7.0	se.	27	w.	16	5	20	6	5.4	.0	.0	14
Miami [2]	25	242	249	29.94	29.97	−.05	81.2	−.2	90	17	86	70	23	76	17	74	83	5.31	−.9	19	8.1	se.	35	s.	29	5	16	10	6.0	.0	.0	19
Tampa [1]	35	6	43	29.92	29.96	−.04	82.8	+1.3	95	11	90	70	29	76	22	74	82	6.35	−1.8	11	7.9	s.	31	e.	29	3	19	9	6.3	.0	.0	16
East Gulf States							82.5	+2.5									76	2.80	−2.6										4.6			
Atlanta [1]	1,173	33	72	28.74	29.94	−.07	80.9	+2.9	100	27	91	61	21	70	30	68	73	2.68	−2.0	10	6.5	nw.	41	w.	14	8	13	10	5.8	.0	.0	13
Macon [2]	370	79	87	29.55	29.94	−.07	81.6	+1.7	99	26	92	57	21	71	31	70	76	1.63	−2.7	9	5.4	s.	16	w.	12	17	10	4	3.8	.0	.0	13
Thomasville	273	49	58	------	------	------	82.2	+1.2	98	17	93	65	21	72	28	----	----	5.27	−.5	8	------	------	----	------	---	9	15	7	----	.0	.0	10
Apalachicola	35	11	51	29.90	29.94	------	82.3	+1.1	98	15	89	72	20	76	17	74	78	3.97	−3.6	9	6.5	sw.	19	e.	19	7	11	13	5.8	.0	.0	7
Pensacola	56	54	79	29.88	29.94	−.04	83.7	+2.8	101	16	91	68	19	76	24	74	80	2.68	−5.4	8	6.5	w.	26	nw.	27	15	13	3	4.1	.0	.0	8
Anniston	741	9	----	------	------	------	79.8	+3.4	100	25	92	56	21	68	36	----	----	3.49	−.6	7	------	se.	----	------	-	15	12	4	----	.0	.0	5
Birmingham [1]	700	5	62	29.22	29.94	−.05	81.4	+2.2	102	26	93	59	21	70	34	69	75	2.23	------	8	5.6	e.	26	w.	8	9	18	4	4.9	.0	.0	11
Mobile [2]	57	86	161	29.89	29.95	−.03	83.3	+2.3	97	14	92	67	19	75	23	72	79	4.21	−2.7	7	6.0	s.	21	n.	15	10	15	6	4.8	.0	.0	12
Montgomery [2]	218	92	105	29.70	29.94	−.05	83.3	+2.5	102	26	93	65	21	74	27	70	75	4.53	+.3	6	5.7	s.	19	ne.	8	15	11	5	4.0	.0	.0	8
Meridian [2]	375	67	92	29.55	29.94	−.04	83.8	+4.3	105	27	96	60	19	72	34	70	73	1.30	−3.2	6	5.3	sw.	23	ne.	15	11	18	2	4.3	.0	.0	7
Vicksburg [2]	247	82	102	29.67	29.92	−.06	84.4	+3.6	101	28	94	64	19	75	24	69	74	.74	−2.7	3	7.2	sw.	27	s.	10	11	15	5	4.1	.0	.0	4
New Orleans [4]	53	50	84	29.89	29.94	−.04	83.8	+1.6	96	17	92	73	6	76	20	74	76	2.81	−3.0	10	5.7	w.	19	ne.	9	15	10	6	3.9	.0	.0	6
West Gulf States							85.9	+3.5									68	1.13	−2.1										4.2			
Shreveport [1]	249	5	64	29.66	29.91	−.06	86.8	+5.1	104	6	98	66	19	75	29	70	64	.53	−2.2	2	8.4	sw.	35	s.	10	13	13	5	4.2	.0	.0	2
Fort Smith	463	57	82	29.40	29.85	−.12	88.0	+7.5	106	16	100	64	18	76	28	65	52	1.22	−2.1	3	6.7	e.	27	ne.	16	14	13	4	4.2	.0	.0	3
Little Rock [1]	357	5	58	29.54	29.91	−.07	85.4	+5.6	107	16	98	59	20	72	35	66	62	.40	−3.4	1	7.5	sw.	39	ne.	10	14	13	4	4.2	.0	.0	2
Austin [1]	605	11	41	29.27	29.88	------	85.6	+1.8	104	17	97	70	31	74	31	70	69	.92	−1.1	2	9.0	s.	23	n.	29	11	19	1	4.4	.0	.0	4
Brownsville [1]	57	88	96	29.81	29.87	------	86.1	+2.2	98	17	95	72	29	78	22	74	76	.24	−2.6	1	11.3	se.	25	se.	13	5	22	4	5.1	.0	.0	5
Corpus Christi [1]	20	4	33	29.88	29.90	−.03	84.7	+3.1	97	17	94	72	16	76	25	74	80	.35	------	3	11.6	se.	25	se.	12	22	6	3	2.9	.0	.0	2
Dallas [1]	512	5	45	29.35	29.88	------	88.1	-----	107	16	99	70	19	77	31	66	53	.03	−2.7	1	11.5	s.	31	s.	11	20	9	2	3.0	.0	.0	0
Fort Worth [1]	679	5	56	29.18	29.87	−.07	89.3	+6.6	110	16	101	69	18	78	30	65	52	T	−2.6	0	11.7	s.	26	s.	11	14	16	1	3.5	.0	.0	0
Galveston [2]	54	106	114	29.87	29.92	−.04	84.1	+1.1	93	17	88	75	11	80	16	76	81	2.85	−1.4	6	9.2	s.	21	s.	12	14	13	4	4.5	.0	.0	6
Houston [2]	138	157	190	29.78	29.92	------	84.0	+.8	97	29	92	72	30	75	24	74	80	1.32	−2.8	7	8.3	se.	31	ne.	29	12	15	4	4.7	.0	.0	1
Palestine	510	64	72	29.41	29.92	−.05	84.6	+2.8	103	28	96	66	20	73	31	68	67	2.41	+.2	4	7.0	s.	28	sw.	10	18	11	2	3.4	.0	.0	2
Port Arthur	34	59	134	29.90	29.93	------	84.6	-----	97	27	92	72	18	77	22	74	78	2.82	−3.2	8	9.9	s.	36	s.	27	7	17	7	5.5	.0	.0	7
San Antonio [1]	693	8	51	29.18	29.88	−.05	85.8	+2.3	104	17	98	67	16	74	35	68	64	.78	−1.6	1	8.3	se.	24	se.	4	11	17	3	4.5	.0	.0	3

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	Pressure: Sea level	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 temperature of the dew-point	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.	%	In.	In.		Miles								0-10	In.	In.	
Ohio Valley and Tennessee							77.0	+2.5									74	1.75	−1.8										4.5			
Chattanooga [1]	762	6	66	29.14	29.93	−.07	80.0	+4.3	101	27	92	57	20	68	33	70	80	2.64	−1.4	6	4.3	ne.	39	n.	14	10	16	5	4.8	.0	.0	9
Knoxville [1]	995	27	53	28.92	29.95	−.06	79.0	+2.8	101	27	91	56	20	67	34	67	75	1.48	−2.4	9	5.7	ne.	35	nw.	5	18	10	3	3.4	.0	.0	8
Memphis [4]	399	5	86	29.50	29.91	−.07	84.0	+4.6	105	27	96	57	19	72	35	68	66	.60	−2.8	3	7.2	sw.	21	w.	16	17	12	2	3.4	.0	.0	4
Nashville [1]	546	5	72	29.36	29.93	−.07	82.2	+4.4	104	27	94	57	19	70	34	66	67	1.55	−2.2	5	6.7	s.	26	w.	14	14	14	3	4.1	.0	.0	6
Lexington	989	6	----	28.92	----	----	78.5	+4.0	102	25	92	53	18	65	35	----	----	1.06	−2.4	5	----	s.	----	----	----	15	14	2	----	.0	.0	5
Louisville [2]	525	106	120	29.38	29.94	−.06	79.0	+2.0	97	25	88	55	18	70	26	64	69	.50	−2.9	2	7.1	ne.	37	se.	25	10	14	7	4.9	.0	.0	3
Evansville [1]	431	12	40	29.46	29.91	−.08	79.2	+4.2	102	26	92	50	19	67	36	65	69	.13	−3.2	2	6.2	sw.	39	sw.	4	9	18	4	4.9	.0	.0	2
Indianapolis [1]	823	5	54	29.07	29.94	−.06	74.5	+2.1	97	24	86	50	18	63	34	66	77	2.42	----	8	7.5	sw.	33	nw.	12	7	13	11	5.6	.0	.0	6
Terre Haute [2]	575	68	149	29.33	29.93	----	78.4	+3.6	102	24	89	53	19	68	30	65	71	1.55	−1.7	5	7.7	se.	23	n.	3	11	13	7	5.0	.0	.0	4
Cincinnati [2]	627	11	51	29.28	29.95	−.06	76.2	+2.6	98	24	87	51	19	65	31	66	77	1.65	−1.8	5	5.3	ne.	18	sw.	3	14	12	5	4.3	.0	.0	1
Columbus [2]	822	90	110	29.09	29.95	−.06	74.6	+1.6	93	31	84	53	19	65	28	63	76	1.78	−1.5	5	7.1	s.	23	sw.	4	12	8	11	5.0	.0	.0	4
Dayton [1]	1,003	6	55	28.90	29.95	----	74.2	+.8	93	31	84	52	19	64	28	63	72	2.30	−1.0	4	7.8	s.	26	nw.	16	12	12	7	4.8	.0	.0	5
Elkins [2]	1,947	61	78	27.98	30.00	−.02	69.1	.0	89	12	81	46	20	58	36	62	90	4.39	+.5	11	4.2	w.	18	sw.	4	15	2	14	5.0	.0	.0	8
Parkersburg	637	77	84	29.28	29.95	−.06	74.2	+.3	93	12	86	51	20	63	30	65	80	2.98	−.5	8	4.2	se.	16	se.	16	19	7	5	3.4	.0	.0	9
Pittsburgh [1]	842	39	54	29.06	29.96	−.05	71.7	−.1	90	12	82	51	28	62	27	60	72	1.89	−1.3	8	8.1	s.	24	nw.	14	12	11	8	4.9	.0	.0	5
Lower Lake Region							70.1	+0.9									78	2.91	−0.1										5.7			
Buffalo [1]	768	34	96	29.10	29.93	−.06	68.8	+.2	89	12	78	45	28	59	28	61	79	2.59	−.5	10	11.3	sw.	30	sw.	14	2	18	11	6.3	.0	.0	7
Canton	448	10	61	29.40	29.88	----	66.1	−.5	88	2	76	40	27	56	31	58	79	1.86	−1.8	15	6.7	w.	25	sw.	13	7	10	14	6.5	.0	.0	5
Oswego	335	71	85	29.53	29.90	−.09	68.2	−.2	89	23	75	51	29	61	25	60	78	3.98	+1.4	12	7.2	s.	26	n.	4	10	10	11	5.4	.0	.0	5
Rochester [1]	523	5	69	29.36	29.93	−.06	68.4	+.5	91	2	78	48	29	59	31	60	79	3.31	+.4	11	7.6	sw.	28	w.	13	4	13	14	6.7	.0	.0	5
Syracuse [1]	596	5	57	29.27	29.91	−.08	68.6	+1.3	94	2	79	47	27	58	31	60	80	7.26	+4.4	14	7.9	sw.	34	w.	13	5	14	12	6.6	.0	.0	5
Erie [2]	714	57	81	29.18	29.95	−.06	71.4	+1.8	90	2	78	54	28	64	20	61	78	1.49	−1.8	11	7.0	w.	20	w.	16	5	16	10	5.8	.0	.0	3
Cleveland [1]	762	27	54	29.14	29.95	−.06	71.8	+1.6	91	22	82	49	29	61	34	62	74	2.50	−.3	6	7.5	se.	38	sw.	13	9	12	10	5.4	.0	.0	3
Sandusky	629	5	67	29.27	29.94	−.07	73.2	+1.4	92	11	83	52	19	64	28	----	----	2.70	−.5	7	7.2	sw.	23	w.	13	13	8	10	4.9	.0	.0	2
Toledo [1]	628	5	47	29.27	29.95	−.05	71.1	−.2	91	22	82	49	29	60	32	63	79	1.99	−.9	8	7.8	sw.	28	sw.	12	17	9	5	3.5	.0	.0	2
Fort Wayne [1]	857	5	33	29.03	29.94	----	71.6	+.7	90	31	82	49	19	61	31	63	77	3.24	+.1	7	5.4	sw.	29	nw.	25	11	13	7	5.2	.0	.0	7
Detroit [1]	730	5	78	29.17	29.94	−.07	72.2	+3.0	90	22	82	50	28	63	29	61	72	1.12	−1.7	6	7.9	sw.	26	ne.	27	7	11	13	6.1	.0	.0	1
Upper Lake Region							68.3	+2.2									79	3.22	+0.3										6.0			
Alpena	609	5	89	29.26	29.93	−.07	66.4	+2.3	90	1	75	48	18	58	25	59	81	2.68	−.2	14	8.7	nw.	25	nw.	16	3	19	9	6.4	.0	.0	8
Escanaba	612	51	72	29.26	29.92	−.07	65.6	+1.3	86	12	74	46	18	57	25	58	81	4.79	+1.6	15	9.4	s.	40	nw.	1	3	16	12	6.5	.0	.0	11
Grand Rapids [2]	707	70	244	29.19	29.94	−.06	72.0	+2.3	92	22	81	48	18	63	27	61	76	1.82	−.8	10	9.1	s.	29	sw.	12	10	9	12	5.5	.0	.0	2
Lansing [2]	878	5	90	29.01	29.94	----	68.6	+.1	87	22	78	47	19	59	27	60	77	2.68	−.1	11	6.3	sw.	21	w.	22	8	10	13	5.9	.0	.0	4
Marquette	734	44	73	29.12	29.91	−.07	65.7	+1.9	89	13	74	48	28	57	28	56	75	2.32	−.4	12	7.6	nw.	34	sw.	2	4	15	12	6.3	.0	.0	8
Sault Sainte Marie [1]	614	11	43	29.25	29.91	−.08	62.6	+1.8	83	1	72	42	28	53	33	57	87	2.71	.0	11	8.6	w.	34	w.	14	3	11	17	7.2	.0	.0	9
Chicago [1]	673	5	36	29.21	29.93	−.07	75.0	+3.4	95	31	85	54	18	65	29	63	73	5.20	+2.2	11	7.0	s.	21	s.	13	10	10	11	5.5	.0	.0	6
Green Bay	617	109	141	29.26	29.93	−.06	70.0	+2.3	89	1	79	48	18	61	28	61	77	3.21	.0	10	9.0	s.	27	n.	2	7	17	7	5.3	.0	.0	4
Milwaukee [1]	681	33	66	29.20	29.92	−.08	71.4	+3.8	91	1	81	51	18	62	29	62	78	2.31	−.4	10	9.5	sw.	25	sw.	2	8	12	11	5.7	.0	.0	7
Duluth [2]	1,133	5	47	28.70	29.90	−.07	65.8	+3.2	84	12	75	46	17	57	26	57	81	4.52	+1.3	13	10.2	ne.	38	nw.	6	8	15	8	5.3	.0	.0	10
North Dakota							68.4	+2.5									68	3.01	+0.8										4.4			
Fargo [1]	940	5	43	28.87	29.87	−.09	69.6	+3.5	92	6	81	44	17	58	33	59	75	6.81	+3.9	14	10.6	s.	33	nw.	13	10	13	8	5.0	.0	.0	14
Bismarck [1]	1,677	5	43	28.12	29.86	−.08	69.4	+2.7	93	1	82	43	17	56	41	56	68	2.72	+.9	11	9.8	se.	34	e.	1	14	11	6	4.4	.0	.0	13
Devils Lake	1,478	11	44	28.33	29.89	−.05	67.1	+2.3	92	12	80	42	16	54	38	54	69	.49	−2.0	6	7.6	s.	29	s.	11	11	13	7	4.6	.0	.0	3
Grand Forks [1]	832	11	71	----	----	----	68.0	----	93	6	81	40	17	55	40	57	----	1.77	----	12	----	nw.	----	----	----	12	12	7	----	.0	.0	9
Lemmon, S. Dak	2,602	4	38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Williston	1,878	42	50	27.91	29.84	−.09	67.6	+1.5	94	18	80	44	16	55	37	51	61	2.01	+.5	9	6.4	se.	22	n.	31	15	14	2	3.6	.0	.0	10
Upper Mississippi Valley							75.3	+2.5									77	3.44	+0.2										5.4			
Minneapolis-St. Paul, Minn [1]	919	43	61	28.92	29.89	−.08	71.9	+2.0	94	1	81	47	18	62	30	62	75	1.75	−1.4	15	8.4	se.	43	s.	31	10	11	10	5.4	.0	.0	10
Springfield, Minn	1,020	4	42	28.81	29.89	----	71.6	----	95	1	82	45	17	62	33	62	78	4.71	----	13	----	se.	----	----	----	12	7	12	----	.0	.0	12
La Crosse [1]	714	5	29	29.14	29.90	−.08	71.3	+1.3	93	1	81	44	18	61	32	64	81	3.26	−.4	13	6.8	s.	43	sw.	31	9	13	9	5.6	.0	.0	11
Madison [2]	974	70	78	28.90	29.93	−.06	71.8	+2.0	91	11	80	53	17	63	25	62	77	3.58	+.4	9	6.3	sw.	19	w.	2	7	17	7	5.5	.0	.0	7
Charles City	1,015	10	51	28.86	29.93	−.04	71.3	+2.2	91	12	81	47	18	62	26	----	----	5.77	+2.3	15	5.2	s.	19	sw.	31	10	10	11	5.0	.0	.0	12
Davenport [1]	606	6	50	28.28	29.93	−.05	74.8	+1.7	93	31	85	49	18	65	30	66	79	4.31	----	12	7.1	s.	42	sw.	2	11	7	13	6.0	.0	.0	11
Des Moines [2]	860	5	99	29.88	29.89	−.08	75.1	+2.0	94	24	84	51	18	66	----	----	82	7.18	+3.7	12	8.1	se.	38	n.	29	9	9	13	----	.0	.0	14
Dubuque	699	81	96	29.18	29.92	−.06	74.0	+2.3	93	12	83	52	18	65	26	64	76	6.59	+3.4	12	5.0	s.	22	s.	15	6	13	12	6.1	.0	.0	9
Burlington, Iowa [1]	702	6	35	29.18	29.92	−.06	75.9	+1.9	95	31	86	52	18	66	28	66	79	2.89	−.7	10	6.9	se.	26	nw.	25	8	11	12	5.7	.0	.0	13
Cairo	357	5	99	29.55	29.92	−.07	81.8	+4.0	101	25	92	58	19	72	28	----	----	1.48	−1.5	4	6.6	s.	25	w.	16	11	13	7	4.8	.0	.0	2
Peoria [1]	609	11	45	29.30	29.94	−.05	75.6	+3.1	96	31	86	51	18	66	29	66	77	4.63	----	6	6.9	se.	30	nw.	9	8	13	10	5.5	.0	.0	7
Springfield, Ill. [2]	636	5	191	29.25	29.92	−.07	79.0	+4.5	100	24	89	56	18	69	27	66	75	.10	−3.1	4	9.3	s.	21	n.	16	5	18	8	5.7	.0	.0	4
St. Louis [4]	568	6	303	29.32	29.92	−.07	80.9	+3.4	101	24	90	60	17	72	24	66	68	1.85	−1.1	4	10.2	s.	30	sw.	15	12	16	3	4.4	.0	.0	5
Missouri Valley							78.2	+4.2									68	1.77	−1.6										4.6			
Columbia, Mo [2]	784	6	66	29.08	29.90	−.07	79.9	+4.3	102	24	90	51	18	70	32	67	72	1.36	−2.2	7	6.2	s.	19	nw.	9	11	16	4	4.7	.0	.0	4
Kansas City [1]	963	38	76	28.88	29.87	−.10	81.0	+4.4	100	8	91	53	18	71	30	66	64	1.90	−1.6	11	9.9	s.	28	s.	31	10	18	3	4.8	.0	.0	9
St. Joseph [2]	967	11	49	28.86	29.86	----	79.5	+3.0	98	13	90	51	18	70	31	67	68	1.52	−2.3	8	7.8	se.	19	s.	12	14	16	1	4.1	.0	.0	9
Springfield, Mo. [1]	1,324	5	60	28.55	29.90	−.07	79.4	+4.4	98	15	91	50	18	68	33	65	69	2.10	−2.0	4	8.8	s.	39	w.	4	14	10	7	4.2	.0	.0	4
Topeka	987	65	87	28.83	29.85	----	82.6	+6.4	108	8	94	53	18	71	33	66	63	2.10	−2.0	8	8.7	s.	24	s.	31	12	14	5	4.6	.0	.0	10
Lincoln [2]	1,189	11	81	28.61	29.83	−.12	79.6	+5.2	103	23	91	50	17	68	33	65	69	2.31	−1.3	12	8.3	s.	33	w.	11	9	14	8	5.3	.0	.0	10
Omaha [1]	1,105	5	68	28.72	29.86	−.10	77.4	+4.2	98	25	88	52	17	67	29	66	74	1.68	−1.4	9	10.6	se.	43	sw.	11	8	14	9	5.1	.0	.0	12
Valentine	2,598	46	54	27.21	29.85	−.09	75.4	+3.7	103	1	89	48	17	62	39	54	53	2.02	−.2	7	8.9	s.	34	w.	31	16	14	1	3.7	.0	.0	10
Sioux City [1]	1,138	64	106	28.67	29.86	−.09	74.6	+3.5	94	23	86	47	17	64	35	64	75	1.44	−1.7	12	8.8	se.	28	s.	28	8	15	8	5.2	.0	.0	10
Huron [1]	1,301	5	41	28.50	29.84	−.11	72.8	+3.4	100	1	86	40	17	59	39	60	71	1.30	−1.2	8	11.9	se.	45	se.	11	17	11	3	3.8	.0	.0	11
Northern Slope							70.1	+3.0									50	0.77	−0.4										3.9			
Billings [1]	3,570	24	39	26.26	29.83	----	71.3	+.7	95	7	85	51	26	57	39	44	43	.68	----	3	10.2	ne.	42	sw.	18	16	10	5	3.8	.0	.0	8
Havre	2,507	11	67	27.28	29.86	−.05	68.8	+3.4	97	29	84	42	15	53	45	42	45	.16	−1.1	4	8.2	w.	29	sw.	7	15	13	3	3.4	.0	.0	6
Helena [1]	4,124	5	35	25.78	29.88	−.06	66.4	+1.8	93	17	82	42	26	51	43	43	49	.89	+.1	4	9.3	w.	45	w.	31	19	9	3	3.4	.0	.0	7
Missoula [2]	3,205	80	91	26.60	29.91	----	66.6	+1.0	94	17	82	42	23	51	43	43	53	.46	−.5	7	6.8	w.	27	e.	14	17	11	3	3.3	.0	.0	6
Kalispell	2,973	48	56	26.88	29.87	−.06	63.6	+.8	90	17	78	39	23	49	39	44	55	.42	−.4	6	6.2	w.	26	sw.	7	15	11	5	4.1	.0	.0	6
Miles City [1]	2,371	5	28	27.40	29.82	−.11	72.6	+1.1	96	18	87	49	15	58	40	50	53	2.57	----	4	----	se.	----	----	----	19	9	3	3.3	.0	.0	6
Rapid City [1]	3,259	5	63	26.57	29.83	−.10	74.4	+4.9	100	1	90	49	26	59	44	48	48	.10	−1.6	5	13.0	nw.	38	w.	31	14	12	5	4.2	.0	.0	12
Cheyenne [1]	6,094	5	40	24.07	29.88	−.04	69.2	+3.6	94	14	84	46	31	54	42	48	56	1.11	−.4	9	9.1	nw.	38	w.	31	6	20	5	5.5	.0	.0	11
Lander	5,352	60	68	24.68	29.84	−.08	68.6	+3.1	92	14	85	40	26	52	45	41	41	.14	−.4	3	6.2	sw.	33	w.	19	16	13	2	3.8	.0	.0	7
Sheridan [1]	3,790	5	38	26.07	29.84	----	72.0	+5.5	97	29	89	45	26	55	47	43	44	1.88	+1.0	4	7.7	nw.	37	nw.	31	17	9	5	3.6	.0	.0	8
North Platte [2]	2,821	11	51	26.99	29.82	−.12	77.8	+7.0	100	23	91	52	17	65	38	59	62	1.79	−.6	10	6.8	se.	22	ne.	29	11	13	7	4.8	.0	.0	12

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	Pressure: Sea level	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 temperature of the dew point	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.	%	In.	In.		Miles								0-10	In.	In.	
Middle Slope							81.9	+5.4									53	1.42	−1.2										4.3			
Denver [2]	5,292	106	113	24.78	29.88	−.04	74.2	+3.5	94	14	86	56	27	63	31	50	54	.82	−.6	12	6.6	s.	28	nw.	24	11	14	6	5.1	.0	.0	7
Pueblo [1]	4,690	5	36	25.30	29.85	−.06	75.8	+3.1	98	1	90	53	31	61	40	54	58	1.20	−.6	7	8.4	nw.	40	nw.	14	5	17	9	5.8	.0	.0	11
Concordia	1,392	50	58	28.41	29.84	−.11	82.9	+6.4	106	25	96	52	17	70	36	62	56	.71	−2.2	9	7.9	s.	25	s.	30	9	19	3	4.9	.0	.0	14
Dodge City [1]	2,509	5	58	27.31	29.80	−.13	82.8	+5.1	107	2	97	54	18	69	38	58	50	2.62	.0	7	14.9	s.	37	nw.	10	11	17	3	4.5	.0	.0	8
Wichita [1]	1,358	6	64	28.46	29.84	−.11	84.4	+6.1	105	23	97	54	18	72	35	62	53	1.95	−1.2	6	14.9	s.	33	nw.	31	20	5	6	3.5	.0	.0	6
Oklahoma City [2]	1,214	10	47	28.61	29.84	−.10	87.2	+7.5	105	3	100	57	18	75	32	62	48	.77	−2.1	4	9.5	s.	19	s.	3	19	11	1	3.3	.0	.0	4
Tulsa [1]	674	10	61	29.17	29.85	-----	85.9	+5.8	104	2	98	54	18	74	34	63	53	1.84	−1.4	4	11.1	s.	26	nw.	16	19	9	3	3.2	.0	.0	4
Southern Slope							85.6	+6.0									48	0.61	−1.7										3.1			
Abilene [2]	1,738	10	56	28.09	29.82	−.10	89.8	+7.8	111	3	103	65	18	77	31	62	48	.14	−2.1	1	9.9	s.	24	sw.	3	20	10	1	2.9	.0	.0	2
Amarillo [1]	3,676	5	42	26.25	29.82	−.10	81.8	+6.1	105	2	96	57	17	67	36	55	49	2.09	−1.0	5	13.3	s.	40	nw.	3	17	13	1	3.3	.0	.0	8
Del Rio	960	63	71	28.86	29.80	−.10	88.7	+4.5	105	17	100	75	29	78	28	65	51	.00	−1.7	0	10.6	se.	23	e.	17	20	10	1	3.1	.0	.0	0
Roswell	3,566	75	85	26.33	29.81	−.07	82.0	+5.4	103	20	97	61	30	68	38	55	45	.22	−1.9	4	6.9	s.	34	ne.	17	20	8	3	3.1	.0	.0	7
Southern Plateau							83.4	+2.0									52	1.84	+0.7										4.1			
El Paso [1]	3,778	5	85	26.13	29.76	−.08	84.0	+6.0	100	20	97	65	15	71	31	55	42	.44	−1.3	7	9.4	sw.	34	s.	24	8	21	2	4.5	.0	.0	9
Albuquerque [1]	5,314	5	45	24.78	29.80	-----	78.4	+4.5	96	13	92	60	31	65	32	54	51	1.33	+.1	14	8.3	sw.	38	nw.	25	14	16	1	3.9	.0	.0	17
Phoenix [2]	1,107	39	87	28.67	29.77	−.02	88.4	−.1	107	27	99	70	3	77	32	67	56	4.92	+4.0	8	5.0	e.	24	sw.	14	14	9	8	4.6	.0	.0	10
Tucson [1]	2,555	6	30	27.30	29.82	-----	83.9	-----	103	27	96	67	2	72	33	64	59	3.04	+.7	11	-----	se.	-----	-----	-----	8	11	12	5.9	.0	.0	16
Yuma	142	9	54	29.62	29.74	−.02	91.0	+.6	110	27	104	72	23	78	35	66	52	1.29	+.8	2	6.0	se.	26	s.	14	23	8	0	1.8	.0	.0	5
Independence	3,957	5	26	-----	-----	-----	75.3	−.8	98	1	92	52	24	59	40	-----	-----	.00	−.1	0	-----	se.	-----	-----	-----	30	1	0	-----	.0	.0	0
Middle Plateau							70.8	+0.4									38	1.09	+0.4										2.5			
Reno [1]	4,527	20	52	25.46	29.91	+.07	65.0	−3.7	100	13	88	32	30	42	53	36	48	T	−.2	0	7.0	nw.	34	w.	1	30	1	0	.3	.0	.0	0
Tonopah	6,090	9	20	24.07	29.85	-----	72.0	.0	91	13	85	47	31	59	32	28	21	T	−.6	0	-----	se.	-----	-----	-----	27	4	0	-----	.0	.0	0
Winnemucca	4,339	5	56	25.59	29.86	−.02	68.1	−1.2	101	13	89	35	30	47	54	30	29	T	−.2	0	7.5	sw.	26	sw.	1	29	2	0	.5	.0	.0	1
Modena	5,473	10	46	24.65	29.86	.00	69.2	.0	91	9	84	40	31	54	43	-----	-----	4.09	+2.8	9	11.0	sw.	33	sw.	23	19	8	4	3.4	.0	.0	12
Salt Lake City [1]	4,227	32	46	25.58	29.82	−.09	75.7	+2.9	96	10	90	40	31	62	41	46	41	.47	−.4	9	10.6	se.	34	nw.	15	18	9	4	3.3	.0	.0	11
Grand Junction	4,602	60	68	25.40	29.91	+.01	75.0	−.4	96	14	87	45	31	63	31	52	51	1.98	+.8	13	6.6	se.	32	w.	19	11	13	7	4.8	.0	.0	15
Northern Plateau							68.9	−0.2									46	0.47	+0.1										2.9			
Baker [2]	3,471	36	54	26.42	29.94	−.01	63.3	−1.3	93	13	80	37	31	46	45	42	58	.46	.0	3	5.7	n.	17	sw.	6	21	8	2	2.7	.0	.0	5
Boise [1]	2,739	5	49	27.08	29.84	−.09	70.9	−.1	99	13	87	42	31	55	45	41	37	T	−.2	0	9.2	nw.	38	nw.	29	26	4	1	1.9	.0	.0	2
Pocatello [1]	4,478	5	31	25.44	29.82	−.10	70.1	+1.2	96	14	87	43	30	53	47	40	38	.62	+.1	7	9.8	sw.	36	sw.	29	21	8	2	2.9	.0	.0	9
Spokane [1]	1,929	27	42	27.91	29.90	−.05	66.8	−1.3	91	16	81	45	23	53	41	44	49	.98	+.4	1	6.9	sw.	30	sw.	21	16	8	7	4.0	.0	.0	3
Walla Walla	991	57	65	28.88	29.91	−.05	71.7	−1.0	96	28	84	52	23	60	37	-----	-----	.54	.0	3	6.2	s.	26	w.	21	19	10	2	2.8	.0	.0	4
Yakima	1,076	58	67	-----	-----	-----	70.6	+1.1	96	16	84	47	22	58	36	-----	-----	.24	+.1	3	7.4	nw.	23	nw.	29	19	8	4	3.3	.0	.0	2
North Pacific Coast Region							63.1	+0.6									72	1.49	+0.7										5.2			
North Head	211	5	56	29.83	30.04	+.01	58.0	+.4	67	22	62	50	23	54	15	54	88	3.06	+2.0	15	13.5	n.	41	n.	29	3	11	17	7.3	.0	.0	0
Seattle [2]	125	90	321	29.88	30.01	+.01	63.9	−1.2	83	15	72	52	18	56	27	53	71	1.15	+.4	7	7.2	w.	25	w.	28	7	11	13	5.6	.0	.0	1
Tacoma	194	172	201	29.82	30.01	+.01	63.2	+.6	84	15	72	50	18	55	29	-----	-----	1.06	+.3	8	7.2	n.	23	sw.	28	12	10	9	4.9	.0	.0	0
Tatoosh Island	86	9	61	29.96	30.04	+.04	55.8	+.5	65	14	60	48	21	52	15	53	90	2.51	+.5	14	8.2	s.	36	sw.	28	3	9	19	7.6	.0	.0	0
Medford [1]	1,329	29	58	28.58	29.96	-----	68.2	−2.9	99	13	84	42	30	52	44	47	54	.31	+.1	2	-----	nw.	-----	-----	-----	21	7	3	2.4	.0	.0	0
Portland, Oreg [2]	154	68	106	29.85	30.00	−.01	66.7	.0	88	15	76	52	18	57	28	54	67	1.19	+.6	5	5.6	nw.	18	w.	29	10	9	12	5.2	.0	.0	0
Roseburg	510	45	76	29.47	30.00	.00	66.2	−1.8	92	14	80	45	30	53	40	51	64	1.17	+.8	5	4.6	n.	22	w.	21	16	9	6	3.3	.0	.0	0
Middle Pacific Coast Region							67.0	−0.1									63	0.05	0.0										3.9			
Eureka	60	72	88	29.99	30.04	+.04	57.2	+1.2	68	4	61	48	20	53	17	53	87	.21	.0	5	6.4	n.	30	n.	30	5	9	17	6.9	.0	.0	0
Redding [1]	722	20	34	29.12	29.87	-----	77.6	−2.9	101	13	91	58	24	64	32	40	30	.00	.0	0	8.0	se.	26	n.	30	30	0	1	.7	.0	.0	0
Sacramento	66	92	115	29.82	29.87	+.02	73.4	+.5	99	12	90	52	16	57	41	49	53	.00	.0	0	7.7	s.	18	nw.	30	31	0	0	-----	.0	.0	0
San Francisco [2]	155	112	132	29.78	29.94	+.02	59.8	+.7	87	31	66	52	12	54	32	52	81	.00	.0	0	10.8	w.	30	w.	19	14	15	2	4.1	.0	.0	0
South Pacific Coast Region							73.2	−0.2									62	T	0.0										2.4			
Fresno [1]	327	5	35	29.52	29.84	+.02	77.2	−2.3	102	13	95	54	24	60	40	45	39	.00	.0	0	7.1	nw.	19	n.	1	30	1	0	.3	.0	.0	0
Los Angeles	338	223	250	29.55	29.89	+.01	71.3	+.2	88	1	82	53	26	61	26	58	70	.00	.0	0	5.3	w.	19	s.	2	24	7	0	2.4	.0	.0	0
San Diego [1]	87	20	55	29.81	29.89	.00	71.2	+1.4	86	1	78	61	26	64	20	63	77	T	.0	0	6.5	w.	17	w.	28	13	14	4	4.4	.0	.0	0
West Indies																																
San Juan, P. R	82	9	54	29.86	29.96	-----	80.2	−.3	88	14	85	73	14	78	15	76	81	7.56	+1.6	28	10.9	e.	30	e.	4	1	22	8	6.1	.0	.0	9
Panama Canal																																
Balboa Heights	118	6	92	-----	[3] 29.84	+.01	80.2	−1.0	91	13	87	72	20	74	17	-----	[3] 86	6.50	−1.2	22	5.3	nw.	20	nw	16	0	19	12	7.0	.0	.0	9
Cristobal	27	47	97	-----	[3] 29.85	+.01	80.8	+.6	90	4	86	70	12	76	16	75	[3] 84	20.00	+4.7	26	6.9	nw.	37	s.	12	1	8	22	8.1	.0	.0	20
Alaska																																
Anchorage	132	6	47	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Fairbanks	455	11	82	-----	29.76	-----	52.6	−2.5	82	4	63	28	22	42	-----	46	78	3.11	+1.1	18	7.3	sw.	26	w.	12	0	6	25	-----	.0	.0	1
Juneau [1]	80	6	21	-----	29.91	-----	53.4	-----	78	5	60	39	25	46	-----	48	84	5.66	-----	22	8.7	e.	24	e.	29	1	6	24	-----	.0	.0	0
Nome	22	25	56	-----	29.71	-----	48.0	−1.6	61	7	53	32	14	43	-----	-----	86	5.11	−1.9	21	10.6	sw.	32	s.	4	1	3	27	-----	.0	.0	0
Hawaiian Islands																																
Honolulu	38	86	100	29.95	29.98	-----	78.7	+.3	85	4	83	71	27	75	11	-----	-----	1.14	−.1	18	10.4	e.	24	ne.	19	12	14	5	4.5	.0	.0	0

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Alaska																																
Bethel	28	7	31	29.80	29.84	-----	55.1	+.7	76	7	62	43	21	48	27	48	77	2.16	−.2	15	-----	s.	-----	-----	-----	3	6	22	7.9	.0	.0	-----
Gambell	32	5	32	29.77	29.80	-----	46.0	.0	53	28	49	38	22	43	14	44	92	1.49	.0	14	12.6	sw.	45	n.	20	0	10	21	8.2	.0	.0	0
Ketchikan	75	69	90	30.04	30.07	-----	55.5	−2.2	72	26	60	45	7	51	23	51	87	14.95	+6.8	23	7.1	se.	22	w.	26	3	1	27	9.0	.0	.0	0
Kotzebue	20	5	31	29.77	29.79	-----	53.9	+1.2	70	24	59	42	4	48	23	48	82	1.63	+.3	13	-----	w.	-----	-----	-----	4	7	20	7.4	.0	.0	0
McGrath	331	5	31	29.48	29.85	-----	57.4	-----	78	10	65	44	21	50	29	50	77	2.94	+.6	23	-----	s.	24	s.	26	0	9	22	8.4	.0	.0	5
Northway	-----	5	32	28.03	-----	-----	58.4	-----	78	17	69	37	22	48	35	47	73	3.91	-----	16	-----	w.	-----	-----	-----	4	16	11	-----	.0	.0	7

[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 office records; other data from airport.

NOTE.—Except as indicated by notes 1, 2, 4, 5, and 6 data in table are city office records.