CLIMATOLOGICAL DATA

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS

[For description of tables and charts, see REVIEW, January 1940, page 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					
	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	78.7	+0.4	Spring Hill	101	15	Valley Head	50	24	5.72	+1.52	Spring Hill	15.03	Chase	1.07
Arizona	73.8	−1.6	2 stations	116	[1] 21	Alpine	21	1	T	−.36	Stephens Ranch	.51	131 stations	.00
Arkansas	77.2	−.1	Nashville	104	29	Rogers	45	14	4.54	+.47	Mountain Valley	9.91	Ozark	1.93
California	66.7	−1.4	Cow Creek	119	30	Ellery Lake	18	3	.06	−.26	Lake City	1.42	225 stations	.00
Colorado	61.1	−.6	Las Animas	103	19	Pearl	20	1	2.07	+.65	Graft	6.74	4 stations	.00
Florida	80.1	+.3	Fort Myers	100	16	Bartow	56	8	10.32	+3.52	Belle Glade	24.11	Carrabelle	3.78
Georgia	78.5	+.4	2 stations	100	21	Jasper	50	15	5.05	+.57	Thomasville	10.60	Washington	1.88
Idaho	56.8	−3.5	3 stations	100	30	Sun Valley	18	20	1.60	+.28	Roland	5.77	Milner Dam	T
Illinois	72.4	+.3	Springfield (Spaulding Dam).	100	3	7 stations	40	[1] 14	5.46	+1.51	Greenville	12.23	Chicago Heights	1.36
Indiana	72.3	+.8	2 stations	99	[1] 2	2 stations	40	14	5.55	+1.65	Paoli	11.82	Notre Dame	1.74
Iowa	69.7	+.1	Ottumwa	99	4	Decorah	34	14	5.93	+1.28	Lamoni	14.03	Donnellson	2.94
Kansas	72.7	−1.1	2 stations	102	[1] 18	2 stations	40	14	6.49	+2.48	Wellington	14.47	Hoxie	2.39
Kentucky	74.7	+.8	Henderson	98	2	Lynch (near)	41	[1] 15	5.54	+1.38	Pikeville	11.57	Smiths Grove	1.65
Louisiana	80.2	−1.6	Lake Providence	99	28	Doyline	60	14	8.40	+3.62	Crowley	17.23	Jonesville	2.21
Maryland-Delaware	72.2	+1.4	Pocomoke City, Md.	99	21	2 stations	39	[1] 24	3.91	−.08	Mount Savage Summit, Md.	7.71	Odessa, Del.	1.44
Michigan	64.7	+.3	Eloise	97	30	4 stations	29	[1] 14	3.45	+.36	Charlotte	7.09	Detour	.50
Minnesota	63.1	−1.7	2 stations	92	[1] 5	Itacca State Park	29	13	3.60	−.44	Grand Meadow	9.14	Hallock	.93
Mississippi	79.3	+.4	Clarksdale	101	28	3 stations	53	24	4.42	+.18	Biloxi	12.67	Fulton	1.82
Missouri	73.3	−.3	5 stations	98	[1] 4	Albany	35	13	7.70	+3.01	Morehouse	14.51	Kahoka	2.78
Montana	56.1	−3.8	Thompson Falls	94	30	Lima	17	21	3.16	+.67	Turner	8.85	Dillon	.69
Nebraska	68.2	−1.2	Ashland	100	4	Gordon	34	13	5.12	+1.47	Bertrand	12.74	Hyannis	1.59
Nevada	64.5	−.1	Overton	113	[1] 22	3 stations	25	[1] 7	.24	−.27	Golliher Pasture	1.38	24 stations	.00
New England	64.9	+.9	Woodland, Maine	96	12	4 stations	30	1	4.54	+1.07	North Bridgeton, Maine.	10.88	Hyannis, Mass.	1.60
New Jersey	69.8	+.8	Canoe Brook	96	13	Charlotteburg	41	10	3.11	−.72	Layton	6.98	Woodstown	1.22
New Mexico	68.8	.0	2 stations	110	[1] 19	Elizabethtown	24	1	.84	−.42	Pasamonte (near)	5.02	33 stations	.00
New York	66.2	+1.2	do	97	[1] 11	Salisbury	33	9	3.00	−.64	Sharon Springs No. 1.	6.86	Clarence Center	.69
North Carolina	75.6	+1.6	Greenville	106	22	Mount Mitchell	38	14	4.84	+.16	Highlands	10.16	Wilson	1.49
North Dakota	60.1	−2.9	Milnor	90	10	Portal	27	13	3.12	−.30	Fullerton	7.59	Foxholm	1.00
Ohio	71.2	+1.6	3 stations	95	[1] 2	Millport	41	18	4.19	+.28	Eaton	8.88	Steubinville	1.85
Oklahoma	77.0	−.2	Hollis	107	17	Kenton	45	15	6.69	+2.76	Cushing	16.77	Waynoka	1.35
Oregon	56.8	−2.8	4 stations	105	30	2 stations	20	[1] 11	1.65	+.38	Timberline Lodge	9.48	Klamath	.07
Pennsylvania	69.0	+.9	2 stations	96	[1] 10	Coudersport	34	16	3.83	−.31	Gouldsboro	8.16	Williamsport	1.10
South Carolina	78.8	+1.2	Orangeburg	102	20	Caesars Head	49	15	5.00	+.22	Rimini	9.80	Ware Shoals	1.45
South Dakota	64.1	−2.3	Wagner	94	27	3 stations	32	[1] 13	4.27	+.84	Glenham	8.11	Pierre	1.37
Tennessee	76.4	+1.6	Samberg	101	4	Dover	46	15	3.73	−.47	Copperhill	8.47	New River	1.55
Texas	80.4	+.2	2 stations	115	11	Stratford	43	22	3.39	+.43	Port Arthur	15.04	Laredo	.09
Utah	63.1	−1.5	St. George	104	30	Soldier Summit	23	28	.27	−.32	Lewiston	1.63	38 stations	.00
Virginia	73.3	+1.5	Diamond Springs	103	21	Mountain Lake	37	26	5.29	+1.08	Mountain Lake	11.98	Cape Henry	.45
Washington	59.0	−1.9	North Dalles	106	30	Stockdill Ranch	28	19	2.86	+1.29	Cedar Lake	12.09	Wenatchee	.22
West Virginia	71.4	+1.7	Valley Chapel	99	11	3 stations	35	[1] 15	5.17	+.69	Hackers Creek	9.66	Ravenswood	2.19
Wisconsin	64.7	−.4	Brodhead	95	28	Laona	28	14	4.66	+.58	Sparta	8.76	Ashland	1.49
Wyoming	56.6	−2.1	Thermopolis	95	25	Hunter's Station	18	13	1.43	−.20	Colony	5.61	3 stations	T
Alaska [May]	47.4	+5.8	View Cove	84	18	Nulato	−2	8	1.30	−.30	Latouche	10.48	Livengood	.05
Hawaii	74.3	+.6	Makaweli	94	[1] 5	Nui Ridge	50	[1] 1	5.38	+.43	Kahana	35.52	4 stations	.00
Puerto Rico	79.0	+.9	2 stations	97	[1] 4	3 stations	60	[1] 2	7.48	+1.49	La Mina (El Yunque)	23.38	Coamo (near)	1.26

[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.+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							63.7	+1.2										80	4.13	+1.1										6.2			
Eastport	75	67	85	29.87	29.95	+0.02	55.1	0.0	81	21	63	42	3	47	33	52	50	87	3.06	+0.1	14	8.3	s.	28	e.	16	7	7	16	6.7	0.0	0.0	3
Greenville, Me.	1,070	6	41	29.80	29.95	------	61.2	+2.2	91	12	74	30	1	48	42	57	54	---	5.73	+1.8	14	------	s.	---	---	---	5	13	12	---	.0	.0	5
Portland, Me.[1]	103	5	36	29.82	29.94	−.01	62.4	------	90	12	73	37	2	52	33	58	55	80	5.94	+2.7	14	7.1	s.	21	s.	12	11	9	10	5.5	.0	.0	5
Concord [2]	289	4	45	29.62	29.94	−.02	64.9	+2.0	92	12	77	44	9	53	45	60	57	77	5.36	+2.2	14	6.0	nw.	24	n.	7	12	9	9	5.3	.0	.0	8
Burlington [2]	403	11	48	29.50	29.93	−.03	65.1	−.6	88	12	74	43	9	56	37	61	58	76	6.36	+3.0	12	7.2	s.	26	s.	30	6	6	18	7.0	.0	.0	9
Northfield	876	12	60	29.02	29.95	−.01	62.4	+1.1	89	12	74	36	1	51	46	---	---	---	5.02	+1.8	14	6.4	s.	20	sw.	12	6	10	14	6.9	.0	.0	7
Boston [1]	124	33	62	29.81	29.94	−.02	67.4	------	91	13	75	48	18	59	28	60	56	72	4.24	+1.4	16	9.4	sw.	29	nw.	19	3	14	13	6.7	.0	.0	5
Nantucket	12	10	63	29.95	29.96	−.02	63.2	+2.2	79	20	70	47	1	56	23	60	58	89	1.63	−1.0	13	9.2	sw.	23	sw.	7	7	9	14	6.7	.0	.0	0
Block Island	26	11	46	29.94	29.97	.00	63.9	+2.1	79	20	70	51	2	58	20	60	59	87	1.64	−1.0	12	11.7	sw.	25	w.	25	12	11	7	4.4	.0	.0	3
Providence [2]	159	46	60	29.80	29.97	.00	68.7	+.4	93	13	77	50	18	60	28	61	58	77	3.44	+.8	14	7.8	sw.	31	sw.	7	4	13	13	6.6	.0	.0	2
Hartford [1]	159	5	44	29.78	29.96	−.01	68.2	------	89	13	78	50	2	59	31	62	59	78	4.03	+1.0	11	7.7	sw.	24	n.	5	6	9	15	6.8	.0	.0	5
New Haven [2]	107	74	153	29.86	29.97	.00	68.4	+1.8	86	19	76	50	2	60	28	63	60	80	3.06	.0	11	7.4	s.	21	nw.	5	8	10	12	6.0	.0	.0	3
Middle Atlantic States							72.4	+1.9										75	3.27	−0.3										6.2			
Albany [1]	97	26	40	29.84	29.94	−.03	67.8	+1.1	90	29	78	48	9	58	39	61	57	71	2.52	−.6	12	7.9	s.	25	se.	30	6	10	14	6.5	.0	.0	6
Binghamton	871	57	79	29.06	29.98	+.01	68.0	+2.4	88	30	78	47	6	58	37	61	57	73	3.69	+.3	12	5.2	se.	20	w.	30	5	11	14	6.7	.0	.0	6
New York	314	415	454	29.62	29.96	−.02	69.8	+1.0	86	13	77	52	3	62	23	63	59	73	5.69	+2.4	16	11.2	nw.	34	nw.	19	8	10	12	6.1	.0	.0	8
Harrisburg [1]	374	30	49	29.57	29.97	−.02	71.4	------	91	20	81	54	16	62	34	65	61	75	3.63	.0	15	6.9	se.	43	sw.	12	4	11	15	6.9	.0	.0	8
Philadelphia [2]	114	174	367	29.84	29.96	−.02	72.6	+1.2	93	20	81	55	2	64	24	65	61	71	2.13	−1.1	14	10.6	nw.	30	w.	14	9	9	12	5.5	.0	.0	4
Reading	323	47	306	29.63	29.97	------	71.8	+1.4	91	20	81	55	3	63	29	---	---	---	4.74	+1.2	14	9.5	nw.	31	nw.	14	10	6	14	6.0	.0	.0	5
Scranton	805	72	104	29.12	29.97	−.01	68.6	+.8	87	29	79	50	15	59	33	---	---	---	3.71	.0	17	5.6	n.	31	nw.	19	6	14	10	6.1	.0	.0	9
Atlantic City	52	37	172	29.91	29.96	−.02	70.4	+3.8	92	21	77	55	2	64	26	65	62	80	1.46	−1.6	12	12.6	s.	28	n.	12	4	13	13	6.6	.0	.0	.5
Trenton	190	89	107	29.76	29.96	------	71.1	+1.6	90	20	80	53	2	62	28	64	60	73	1.24	−1.8	13	7.4	s.	22	nw.	14	5	11	14	6.5	.0	.0	4
Baltimore [2]	123	100	215	29.84	29.97	−.02	74.4	+1.7	93	21	82	57	2	66	23	66	63	71	2.26	−1.6	10	9.3	s.	33	sw.	7	6	10	14	6.6	.0	.0	7
Washington [1]	112	62	85	29.90	29.97	−.03	74.4	+2.2	95	12	83	58	24	66	26	67	63	73	5.35	+1.2	12	6.6	nw.	26	nw.	4	8	10	12	5.9	.0	.0	7
Cape Henry	18	8	54	29.94	29.96	------	76.0	+3.1	98	21	82	64	16	70	26	70	68	79	.45	−3.5	8	9.7	se.	32	nw.	14	9	12	9	5.5	.0	.0	6
Lynchburg	686	144	184	29.26	29.99	−.02	76.0	+1.4	96	21	86	58	25	66	28	68	65	75	6.14	+2.4	12	6.1	nw.	25	nw.	4	6	12	12	6.1	.0	.0	12
Norfolk [2]	91	80	125	29.87	29.97	−.03	77.3	+2.9	98	21	85	64	25	69	23	70	67	76	1.23	−3.0	10	8.6	e.	24	w.	21	5	15	10	6.3	.0	.0	10
Richmond [2]	144	11	52	29.81	29.96	−.05	75.8	+1.7	99	21	85	60	16	67	27	69	66	80	4.75	+.8	9	6.6	sw.	22	n.	14	7	14	9	5.8	.0	.0	8
South Atlantic States							78.7	+2.2										78	4.38	−0.2										5.9			
Asheville	2,253	89	104	27.71	29.98	−.03	73.0	+4.3	93	21	84	50	15	62	32	65	63	79	2.07	−1.9	12	6.3	nw.	29	nw.	13	2	16	12	6.6	.0	.0	10
Charlotte [2]	779	63	86	29.16	29.97	−.04	78.6	+3.1	97	21	88	60	15	69	24	70	67	76	6.82	+2.6	11	6.1	s.	17	sw.	6	4	19	7	6.0	.0	.0	9
Greensboro [1]	886	6	56	29.06	29.99	------	75.6	------	94	21	86	57	15	65	29	68	66	77	4.23	------	15	6.8	s.	32	nw.	19	4	17	9	6.0	.0	.0	10
Hatteras	11	5	50	29.96	29.97	−.04	77.4	+1.8	88	21	83	65	16	72	17	73	71	81	3.12	−1.4	3	10.3	sw.	26	w.	14	8	17	5	4.8	.0	.0	3
Raleigh [1]	376	27	69	29.58	29.97	−.04	77.8	+2.1	98	21	89	61	3	67	28	70	66	74	4.34	.0	11	7.2	sw.	32	w.	13	6	12	12	6.0	.0	.0	8
Wilmington	72	73	107	29.91	29.98	−.03	78.2	+1.4	96	21	86	65	15	71	22	71	69	78	4.76	−.3	10	8.1	sw.	30	n.	19	12	12	6	4.9	.0	.0	5
Charleston [2]	48	11	92	29.92	29.97	−.04	80.0	+1.1	97	21	87	69	13	73	24	74	72	83	5.30	+.7	11	10.1	se.	36	nw.	13	13	8	9	5.2	.0	.0	7
Columbia, S. C.[2]	347	70	91	29.60	29.96	−.05	80.1	+2.0	99	21	90	63	15	70	25	72	69	77	4.67	+.5	10	7.4	s.	28	sw.	22	6	15	9	5.9	.0	.0	8
Greenville, S. C.[1]	1,040	70	78	28.90	29.97	------	78.0	+3.9	97	21	88	59	15	68	27	69	65	71	1.90	−2.6	10	7.7	sw.	29	nw.	13	0	22	8	6.6	.0	.0	10
Augusta [2]	182	62	77	29.78	29.96	−.05	80.6	+1.9	98	21	90	66	15	71	23	71	68	74	1.99	−2.7	13	5.2	s.	27	nw.	13	7	12	11	6.1	.0	.0	9
Savannah [2]	65	73	152	29.91	29.98	−.03	81.1	+2.1	96	19	90	69	17	73	24	74	72	80	5.21	−.1	13	9.2	se.	36	sw.	12	5	13	12	6.3	.0	.0	8
Jacksonville [2]	43	86	110	29.94	29.98	−.03	80.5	+.6	94	16	88	69	1	73	25	74	72	83	7.99	+2.7	18	7.1	sw.	32	sw.	22	2	18	10	6.7	.0	.0	16
Florida Peninsula							81.7	+1.0										82	9.93	+3.8										6.4			
Key West [2]	21	10	64	29.94	29.96	−0.03	82.4	+.5	90	23	88	69	27	77	16	78	76	82	9.10	+4.9	12	8.0	e.	29	se.	7	10	8	12	5.8	.0	.0	8
Miami [2]	25	124	168	29.94	29.97	−.03	81.2	+1.2	89	5	87	68	3	76	19	76	74	83	13.90	+7.0	18	8.3	se.	29	sw.	9	5	8	17	7.2	.0	.0	15
Tampa [1]	35	5	61	29.94	29.98	−.03	81.4	+1.2	95	16	89	69	1	74	21	75	73	82	6.80	−.4	16	9.0	e.	29	s.	7	7	13	10	6.1	.0	.0	18
East Gulf States							79.5	+0.6										79	7.29	+2.8										6.0			
Atlanta [1]	1,173	5	72	28.77	29.96	−.05	77.8	------	94	21	87	60	15	68	29	70	66	75	3.61	−.3	8	7.6	e.	41	nw.	13	4	16	10	6.4	.0	.0	14
Macon [2]	370	79	87	29.58	29.96	−.05	79.2	+.3	95	20	89	62	25	70	28	71	66	75	3.20	−.8	11	6.3	e.	26	s.	16	2	14	14	6.8	.0	.0	9
Thomasville	273	49	58	29.70	29.99	−.01	79.4	−.1	94	14	89	65	1	70	27	---	---	---	10.60	+5.2	13	------	------	---	---	---	1	13	16	---	.0	.0	15
Apalachicola	35	11	51	29.92	29.96	------	80.0	+.2	91	14	86	70	16	74	19	75	74	82	5.57	.0	12	7.9	sw.	30	e.	4	9	13	8	5.3	.0	.0	11
Pensacola	56	54	79	29.90	29.96	−.03	79.8	+.5	96	14	86	68	27	74	25	74	72	81	12.68	+8.0	13	7.6	sw.	26	e.	27	9	13	8	5.1	.0	.0	9
Anniston	741	9	---	------	------	------	77.4	+2.4	95	27	89	55	25	66	35	---	---	---	2.75	−1.4	9	------	se.	---	---	---	11	17	2	---	.0	.0	8
Birmingham [2]	700	11	48	29.24	29.97	−.02	78.4	+.5	95	27	88	61	24	69	26	69	66	72	4.68	+.2	13	6.1	s.	22	s.	11	7	15	8	5.5	.0	.0	15
Mobile [2]	57	6	30	29.89	29.95	−.04	81.0	+.7	97	13	89	69	25	73	23	73	72	83	13.07	+7.6	14	6.2	s.	22	s.	16	3	18	9	6.3	.0	.0	13
Montgomery [2]	218	92	105	29.73	29.96	−.04	79.6	.0	95	27	89	65	15	70	24	71	68	77	6.29	+2.5	15	6.4	e.	28	w.	15	6	13	11	6.4	.0	.0	13
Meridian [2]	375	67	92	29.56	29.95	−.03	79.3	+1.2	95	28	89	62	25	69	29	72	69	79	4.91	+.4	16	5.8	e.	20	w.	13	9	14	7	4.5	.0	.0	15
Vicksburg [2]	247	82	102	29.67	29.93	−.04	79.4	+.4	96	28	88	66	15	71	25	72	70	83	4.11	+.1	15	7.9	s.	23	nw.	22	4	15	11	6.4	.0	.0	16
New Orleans [2]	53	76	84	29.88	29.93	−.05	81.4	+.8	94	14	88	70	21	75	17	74	72	81	16.01	+10.1	16	5.8	se.	27	e.	4	3	12	15	7.0	.0	.0	16
West Gulf States							80.7	+1.0										76	4.88	+1.2										5.5			
Shreveport [1]	249	92	227	29.63	29.90	−.06	81.3	+.9	98	29	91	66	14	72	25	73	71	77	6.04	+2.5	14	8.7	s.	35	s.	26	5	12	13	6.4	.0	.0	13
Bentonville	1,303	12	51	28.58	29.91	−.03	73.0	−1.1	92	3	82	46	14	64	29	---	---	---	7.28	+3.1	16	------	s.	---	---	---	3	26	1	---	.0	.0	14
Fort Smith	463	57	82	29.40	29.87	−.07	78.5	+1.0	97	3	88	54	14	69	26	70	67	70	4.85	+1.1	13	6.9	e.	47	nw.	13	10	10	10	5.4	.0	.0	15
Little Rock [2]	357	94	102	29.54	29.91	−.05	78.2	+.8	97	28	88	60	14	69	26	71	69	78	3.94	+.2	12	7.0	s.	32	nw.	13	5	18	7	5.9	.0	.0	10
Austin [2]	605	68	90	29.23	29.85	------	82.8	+1.6	100	12	93	64	10	72	27	72	69	70	2.23	−.2	5	9.4	s.	37	sw.	15	9	18	3	4.6	.0	.0	6
Brownsville [2]	57	88	96	29.77	29.83	------	83.2	+.8	101	9	91	66	1	75	26	76	74	80	13.06	------	11	11.3	se.	27	se.	15	7	14	9	5.9	.0	.0	8
Corpus Christi [2]	20	11	78	29.83	29.85	−.06	83.5	+2.5	95	11	90	64	6	77	23	76	75	84	3.30	+.7	9	11.1	s.	33	s.	15	13	8	9	4.9	.0	.0	9
Dallas [1]	512	6	46	29.33	29.86	------	80.7	------	98	12	90	62	15	72	25	72	69	71	3.87	.0	7	11.1	s.	32	w.	15	10	10	10	5.5	.0	.0	7
Fort Worth	679	35	56	29.16	29.86	−.06	81.4	+1.5	100	12	92	60	14	71	27	72	68	70	3.23	−.1	7	11.1	s.	32	n.	15	6	13	11	5.7	.0	.0	5
Galveston [2]	54	106	114	29.83	29.88	−.07	81.9	+1.2	89	30	86	68	10	78	17	76	74	81	3.06	−1.3	7	10.4	s.	33	n.	10	9	18	3	4.8	.0	.0	6
Houston [2]	138	157	190	29.74	29.88	------	81.5	+.1	95	13	90	65	10	73	22	75	73	81	4.89	+.3	13	9.1	se.	29	n.	30	3	18	9	6.2	.0	.0	13
Palestine	510	64	72	29.37	29.89	−.05	79.5	+.5	93	13	89	64	14	70	23	72	70	76	3.78	+.2	10	6.9	s.	28	nw.	15	9	16	5	5.0	.0	.0	8
Port Arthur	34	59	134	29.86	29.89	------	81.2	------	94	28	88	66	11	74	23	75	73	78	15.04	+10.2	15	11.6	s.	41	ne.	3	5	18	7	5.7	.0	.0	14
San Antonio [1]	693	28	59	29.13	29.84	−.06	83.4	+2.4	105	12	94	64	1	73	29	73	69	70	1.95	−.5	8	8.6	se.	34	w.	5	3	25	2	5.2	.0	.0	5

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 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	°F.	%	In.	In.		Miles								0-10	In.	In.	
Ohio Valley and Tennessee							**73.7**	**+1.8**										**77**	**4.72**	**+0.8**										**6.2**			
Chattanooga [1]	762	21	54	29.17	29.96	−.04	77.2	----	95	28	88	54	15	66	31	70	67	75	4.59	----	11	5.3	s.	40	nw.	13	5	13	12	6.2	.0	.0	13
Knoxville [2]	995	66	84	28.94	29.97	−.03	76.7	+2.7	95	21	88	52	15	66	31	69	65	73	2.04	−2.1	13	7.2	sw.	32	w.	13	11	16	3	4.5	.0	.0	10
Memphis [2]	399	78	86	29.51	29.91	−.06	78.8	+1.2	97	2	89	57	24	68	28	71	68	74	2.39	−1.2	11	6.7	sw.	32	nw.	13	12	9	9	4.9	.0	.0	12
Nashville [1]	546	5	72	29.37	29.94	−.05	77.8	----	97	28	89	55	15	67	32	69	65	69	1.87	−2.1	12	7.1	sw.	46	w.	13	7	15	8	5.4	.0	.0	9
Lexington	989	6	----	28.93	29.98	−.02	74.4	+2.2	95	2	86	51	15	63	30	----	----	----	5.72	+1.7	15	----	s.	----	----	----	10	14	6	----	.0	.0	12
Louisville [2]	525	106	120	29.40	29.96	−.02	74.4	−.3	92	5	84	52	14	65	23	68	65	78	8.48	+4.7	17	6.7	sw.	35	nw.	4	3	19	8	6.2	.0	.0	14
Evansville [1]	431	5	38	29.48	29.93	−.04	74.6	----	94	3	85	50	15	64	29	68	65	76	3.23	−.8	11	6.4	n.	36	s.	11	4	12	14	6.5	.0	.0	13
Indianapolis [2]	823	98	129	29.09	29.95	−.02	73.6	+2.0	93	4	83	47	14	64	32	66	64	82	7.65	+4.0	18	6.4	s.	22	nw.	13	4	8	18	7.1	.0	.0	12
Terre Haute [2]	575	68	149	29.35	29.96	----	74.0	----	94	4	83	48	14	65	29	68	65	80	8.37	+4.4	17	7.4	se.	36	sw.	13	6	6	18	6.7	.0	.0	14
Cincinnati [2]	627	11	51	29.30	29.96	−.03	73.0	+1.8	93	2	83	52	15	63	26	67	65	80	5.38	+1.7	15	5.4	ne.	21	sw.	20	5	13	12	6.4	.0	.0	8
Columbus [2]	822	90	110	29.11	29.96	−.03	73.3	+2.4	93	29	82	52	24	64	28	65	62	75	2.95	−.4	11	7.7	s.	39	w.	30	3	15	12	6.5	.0	.0	6
Dayton [2]	900	186	213	29.02	29.96	----	72.4	+1.5	92	1	81	50	15	63	26	65	62	76	4.27	+.5	15	7.9	sw.	30	w.	6	4	12	14	6.8	.0	.0	14
Elkins [2]	1,947	61	78	27.98	29.98	−.02	69.2	+2.3	88	1	80	46	25	58	32	63	62	85	6.33	+1.3	19	4.9	se.	25	ne.	4	1	14	15	7.0	.0	.0	10
Parkersburg	637	77	84	29.29	29.96	−.04	73.7	+2.3	92	1	83	52	25	64	31	66	64	76	3.48	−.5	11	4.8	se.	26	nw.	2	7	11	12	5.8	.0	.0	11
Pittsburgh [1]	842	39	54	29.08	29.97	−.02	70.8	+1.3	89	6	80	52	15	62	28	64	60	75	3.99	+.2	16	8.8	s.	34	sw.	12	0	15	15	7.2	.0	.0	8
Lower Lake Region							**71.5**	**+1.5**										**74**	**2.59**	**−0.8**										**6.0**			
Buffalo [2]	768	243	280	29.15	29.97	.00	65.7	+1.3	88	10	73	49	25	59	30	61	57	73	.76	−2.1	12	10.6	sw.	38	w.	23	8	10	12	5.9	.0	.0	4
Canton	448	10	61	29.46	29.93	----	66.2	+1.1	92	30	77	43	9	56	39	60	56	72	.72	−2.6	14	6.4	w.	24	sw.	30	5	11	14	6.6	.0	.0	7
Ithaca	836	77	100	----	----	----	67.0	+.8	88	12	78	45	16	56	37	----	----	----	2.39	−1.2	12	7.3	nw.	24	se.	1	7	9	14	6.3	.0	.0	4
Oswego	335	71	85	29.59	29.95	−.02	64.8	.0	91	30	73	48	9	57	28	60	57	75	2.28	−1.0	12	7.4	w.	24	n.	14	13	7	10	5.1	.0	.0	3
Rochester [1]	523	5	69	29.40	29.96	−.01	67.8	----	94	30	79	46	16	57	39	61	57	73	1.03	−2.0	12	7.3	sw.	30	w.	23	5	13	12	6.3	.0	.0	4
Syracuse [1]	596	5	51	29.32	29.96	−.01	67.4	+2.9	93	30	78	45	16	57	39	62	59	76	2.09	−1.8	11	7.9	s.	50	nw.	19	6	12	12	6.2	.0	.0	3
Erie [2]	714	57	81	29.21	29.97	−.01	67.8	+1.6	90	10	75	53	15	61	22	62	60	79	1.53	−1.8	11	6.6	ne.	20	w.	23	7	14	9	5.8	.0	.0	3
Cleveland [1]	762	27	54	29.15	29.96	−.02	70.6	----	92	29	80	51	24	61	30	64	60	72	4.09	+1.0	12	8.4	s.	36	sw.	30	1	18	11	6.6	.0	.0	9
Sandusky	629	5	67	----	----	----	70.6	+1.8	93	30	79	51	24	62	28	----	----	----	4.21	+.7	11	7.4	ne.	20	nw.	22	3	19	8	6.1	.0	.0	8
Toledo [2]	628	79	87	29.29	29.97	.00	69.8	+1.1	92	29	78	48	15	62	23	63	60	75	3.47	+.1	9	8.4	e.	23	w.	23	20	6	4	3.5	.0	.0	8
Fort Wayne [1]	857	69	84	29.05	29.96	----	70.0	+2.6	92	29	80	47	15	60	29	64	61	75	6.12	+2.6	10	6.6	e.	33	n.	20	1	16	13	6.8	.0	.0	12
Detroit [1]	730	5	78	29.20	29.97	.00	69.0	----	90	29	79	46	15	59	30	62	58	70	2.31	−1.2	11	7.7	ne.	29	w.	23	3	17	10	6.3	.0	.0	4
Upper Lake Region							**63.2**	**+0.8**										**75**	**3.26**	**−0.1**										**6.4**			
Alpena	609	5	89	29.32	29.97	+.01	62.0	+1.6	84	29	71	45	9	53	28	57	53	75	1.56	−1.7	13	8.5	se.	28	nw.	13	7	13	10	5.7	.0	.0	3
Escanaba	612	51	72	----	29.98	+.04	60.8	+.1	81	12	68	38	14	53	----	----	----	76	2.69	−.5	14	8.6	s.	28	nw.	5	7	9	14	----	.0	.0	5
Grand Rapids [2]	707	70	244	29.20	29.96	−.01	69.4	+1.6	94	29	79	43	14	60	32	62	59	77	4.06	+.6	12	8.6	e.	27	sw.	29	6	15	9	5.6	.0	.0	7
Lansing	878	5	90	29.04	29.97	----	67.0	+.6	88	29	76	43	15	57	30	62	59	75	4.48	+1.0	14	6.5	e.	21	nw.	13	5	14	11	6.0	.0	.0	7
Marquette	734	44	73	29.16	29.96	+.02	59.9	+1.0	89	10	68	41	14	52	27	54	50	73	2.91	−.3	11	6.4	nw.	23	s.	10	6	13	11	6.0	.0	.0	7
Sault Sainte Marie [1]	614	11	52	29.31	29.98	+.02	59.5	+.9	83	10	71	40	15	48	38	55	52	75	2.69	.0	10	8.4	se.	26	nw.	13	10	5	15	6.1	.0	.0	2
Chicago	673	7	131	29.25	29.96	.00	68.2	+.9	94	29	75	50	13	61	26	62	58	77	1.87	−1.4	10	8.0	ne.	25	nw.	22	3	13	14	7.1	.0	.0	8
Green Bay	617	109	141	29.31	29.98	+.03	64.9	.0	86	29	74	44	14	56	24	59	55	----	4.83	+1.1	12	8.7	se.	31	w.	5	3	11	16	7.1	.0	.0	6
Milwaukee [1]	681	33	66	29.24	29.97	+.02	64.0	+1.9	90	29	74	42	14	54	31	59	55	74	4.26	+.9	9	9.3	ne.	28	sw.	29	4	11	15	6.9	.0	.0	7
Duluth	1,133	5	47	28.73	29.95	+.03	56.8	−.4	82	11	66	36	13	48	32	53	50	79	3.23	−.7	18	9.8	ne.	35	nw.	11	4	9	17	7.0	.0	.0	7
North Dakota							**61.1**	**−1.9**										**72**	**3.18**	**−0.4**										**6.2**			
Fargo [1]	940	5	43	28.89	29.90	.00	62.6	−1.8	84	10	72	37	13	53	30	58	54	75	2.32	−1.7	8	12.5	se.	34	w.	21	4	12	14	6.9	.0	.0	5
Bismarck [1]	1,677	4	41	28.13	29.89	+.02	61.5	−1.4	84	3	72	33	23	51	36	56	51	71	2.21	−1.1	14	12.9	nw.	40	w.	16	9	12	9	5.6	.0	.0	4
Devils Lake	1,478	11	44	28.33	29.88	.00	60.1	−1.8	81	9	70	39	13	51	30	54	50	73	2.63	−.9	13	9.4	se.	23	nw.	22	4	7	19	7.4	.0	.0	3
Lemmon, S. Dak.	2,602	4	38	27.21	29.90	----	59.8	----	79	23	71	38	22	49	35	54	50	----	3.96	----	14	----	w.	----	----	----	9	8	13	----	.0	.0	13
Grand Forks	832	11	71	29.00	29.89	----	61.1	----	84	10	71	38	14	51	35	57	53	----	2.06	----	8	----	s.	----	----	----	6	9	15	----	.0	.0	4
Williston	1,878	42	50	27.92	29.88	+.02	60.1	−2.6	81	26	70	35	13	50	33	53	48	68	5.56	+2.1	13	9.2	w.	29	w.	10	12	11	7	5.0	.0	.0	5
Upper Mississippi Valley							**71.4**	**+0.6**										**75**	**5.30**	**+1.1**										**6.9**			
Minneapolis-St. Paul, Minn. [1]	919	32	61	28.95	29.92	.00	66.8	----	90	5	76	46	13	58	30	60	56	73	2.69	−1.5	10	10.2	se.	42	nw.	11	4	10	16	7.1	.0	.0	6
Springfield, Minn.	1,025	4	42	28.83	29.92	----	66.6	----	91	11	76	42	13	57	32	61	57	----	3.73	----	13	----	nw.	----	----	----	7	8	15	----	.0	.0	11
La Crosse [2]	714	11	48	29.18	29.94	+.01	67.7	−.6	86	28	76	45	14	59	27	62	58	76	6.66	+2.6	13	4.3	s.	15	w.	3	4	8	18	7.1	.0	.0	9
Madison [2]	974	70	78	28.94	29.97	+.03	67.2	.0	90	28	75	47	14	59	23	62	58	77	3.21	−.6	16	6.7	se.	26	sw.	5	4	7	19	7.5	.0	.0	11
Charles City	1,015	10	51	28.88	29.95	+.04	67.3	+.8	91	5	77	43	14	58	30	62	58	75	6.43	+1.8	14	6.0	se.	25	s.	3	7	11	12	6.5	.0	.0	11
Davenport [2]	606	66	161	29.30	29.96	+.02	72.0	+1.5	94	4	81	47	14	63	24	64	61	73	3.88	−.2	14	8.4	e.	28	n.	3	3	8	19	7.4	.0	.0	12
Des Moines [2]	860	5	99	29.01	29.91	−.01	71.5	+.9	95	4	81	45	14	62	23	64	61	76	9.00	+4.2	15	8.8	se.	38	nw.	6	5	11	14	6.7	.0	.0	13
Dubuque	699	60	79	29.21	29.95	+.02	69.4	.0	91	4	78	47	14	61	25	63	59	73	5.96	+1.6	14	5.7	se.	23	nw.	3	2	9	19	7.5	.0	.0	11
Burlington, Ia.	702	6	35	29.19	29.93	−.01	72.2	+.3	96	4	82	45	14	62	29	65	61	74	4.80	+.1	10	7.2	se.	39	w.	12	4	7	19	7.1	.0	.0	10
Cairo	358	87	93	29.56	29.93	−.04	77.4	+1.1	95	29	87	55	15	68	24	----	----	----	3.51	−.3	13	6.6	sw.	25	e.	8	4	10	16	6.8	.0	.0	11
Peoria [2]	609	11	45	29.31	29.95	.00	71.9	+1.0	96	5	81	44	15	62	30	66	63	79	4.84	+1.1	14	4.1	se.	18	sw.	20	11	13	6	4.6	.0	.0	8
Springfield, Ill [2]	636	5	191	29.27	29.94	−.01	73.9	+1.7	96	4	82	50	15	65	26	67	64	80	5.44	+1.4	17	8.6	s.	32	s.	5	2	8	20	8.0	.0	.0	14
St. Louis [2]	568	179	303	29.34	29.93	−.02	75.0	.0	94	4	82	51	14	67	25	67	64	73	7.24	+3.4	16	9.4	s.	40	se.	25	5	13	12	6.5	.0	.0	17
Missouri Valley							**70.8**	**+0.2**										**76**	**5.2**	**4+0.8**										**6.5**			
Columbia, Mo. [2]	784	6	66	29.10	29.92	−.03	73.7	+1.0	94	3	82	45	14	65	26	67	65	79	7.18	+2.4	16	6.2	e.	30	nw.	25	3	16	11	6.6	.0	.0	14
Kansas City [1]	963	38	76	28.90	29.91	−.01	74.2	----	95	4	82	48	14	66	24	67	62	72	7.35	+2.4	19	9.5	se.	50	nw.	18	5	11	14	6.7	.0	.0	14
St. Joseph [2]	967	11	49	28.90	29.91	----	73.0	−.7	94	5	82	46	14	64	25	67	65	82	5.61	+.7	16	8.0	e.	34	w.	12	6	12	12	6.2	.0	.0	14
Springfield, Mo. [1]	1,324	5	60	28.55	29.92	−.03	72.2	----	90	3	81	44	14	63	25	67	64	80	6.01	+1.3	17	8.9	se.	37	se.	17	5	9	16	6.9	.0	.0	15
Topeka	987	65	87	28.87	29.90	----	74.2	+.8	97	3	84	47	14	64	28	66	63	73	4.83	+.2	16	8.4	s.	33	nw.	20	3	18	9	6.1	.0	.0	11
Lincoln [2]	1,189	11	81	28.65	29.89	−.01	72.2	+.8	94	27	82	48	13	62	29	65	62	79	5.40	+1.1	12	9.1	s.	44	se.	19	4	13	13	6.7	.0	.0	11
Omaha [1]	1,105	31	44	28.76	29.91	.00	72.4	+1.7	96	4	82	48	13	63	26	65	61	71	5.40	+.8	11	11.3	se.	65	n.	19	3	13	14	6.7	.0	.0	10
Valentine	2,598	46	54	27.23	29.91	+.05	65.2	−1.7	84	4	75	42	13	55	29	58	54	72	2.98	+.1	14	8.8	n.	31	se.	18	6	15	9	6.3	.0	.0	15
Sioux City [1]	1,138	5	27	28.71	29.90	.00	69.6	+.1	94	4	80	45	14	60	29	63	59	73	4.83	----	15	9.0	se.	26	w.	28	6	11	13	6.4	.0	.0	12
Huron	1,301	5	41	28.53	29.90	+.02	66.1	−.1	89	4	76	39	13	57	29	61	57	75	2.42	−1.4	10	12.5	se.	43	se.	16	6	12	12	6.3	.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, 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 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	°F.	%	In.	In.		Miles								0–10	In.	In.	
Northern Slope							**59.9**	**−2.5**										**67**	**2.77**	**+0.1**										**6.1**			
Billings [1]	3,570	18	39	26.27	29.89	-----	60.4	−4.5	81	30	72	41	13	49	30	51	45	66	2.30	.0	10	10.1	sw.	49	w.	15	7	15	8	5.6	.0	.0	10
Havre	2,507	11	67	27.29	29.90	+.05	59.4	−2.6	83	8	71	36	13	48	38	50	42	65	3.70	+.8	16	10.2	sw.	34	sw.	16	6	8	16	6.3	.0	.0	6
Helena [1]	4,124	5	35	25.78	29.95	+.07	55.9	−3.3	85	30	68	33	21	44	36	48	42	66	1.96	−.4	13	9.6	w.	41	w.	15	4	11	15	6.7	.0	.0	10
Missoula [2]	3,205	80	91	26.62	29.97	-----	57.2	−2.8	89	30	68	36	21	46	37	49	44	69	2.05	+.1	14	6.2	w.	27	nw.	20	4	12	14	6.8	.0	.0	3
Kalispell	2,973	48	56	26.90	29.93	+.04	54.8	−2.9	88	30	64	38	17	46	34	49	45	74	4.13	−2.1	18	5.8	w.	21	sw.	16	3	8	19	7.5	.0	.0	10
Miles City [2]	2,371	48	55	27.42	29.89	+.04	62.0	−4.0	84	15	73	42	12	51	31	54	49	70	4.28	+1.6	17	7.1	w.	33	nw.	10	9	12	9	5.2	.0	.0	9
Rapid City [2]	3,259	50	58	26.58	29.90	+.05	61.8	−2.4	85	26	71	36	13	52	29	55	50	70	3.23	−.1	12	7.5	n.	30	nw.	4	3	19	8	6.3	.0	.0	12
Cheyenne [1]	6,094	5	39	23.95	29.87	+.03	58.6	-----	81	10	71	33	13	46	34	51	46	70	2.48	+.9	17	9.8	s.	31	w.	28	7	13	10	6.1	.5	.0	12
Lander	5,352	60	68	24.63	29.85	.00	60.0	−.5	87	25	74	37	13	46	37	47	37	49	.04	−1.1	1	5.7	sw.	30	sw.	26	9	14	7	5.1	.0	.0	4
Sheridan [6]	3,790	6	42	26.07	29.90	-----	59.3	−2.2	86	25	72	37	13	47	36	51	45	65	1.23	−.8	10	7.9	nw.	35	nw.	18	5	13	12	6.2	.0	.0	11
North Platte [2]	2,821	11	51	26.99	29.86	.00	67.9	+.4	92	3	78	48	13	58	28	60	56	73	5.06	+1.8	16	7.9	ne.	27	nw.	27	9	12	9	5.3	.0	.0	15
Middle Slope							**71.6**	**−0.1**										**69**	**5.28**	**+2.2**										**6.0**			
Denver [1]	5,292	106	113	24.71	29.85	+.01	65.0	−.3	90	26	76	42	13	54	31	53	46	63	1.85	+.5	10	7.4	s.	28	ne.	27	6	15	9	5.7	.0	.0	10
Pueblo [1]	4,690	5	36	25.24	29.81	−.02	68.4	−.6	95	19	82	46	14	54	41	55	47	57	2.88	+1.5	10	8.4	e.	40	nw.	3	9	12	9	5.6	.0	.0	11
Concordia	1,392	50	58	28.45	29.89	−.01	72.5	−.5	95	27	82	47	14	63	25	65	61	73	5.21	+.8	12	7.9	s.	50	nw.	12	6	13	11	6.2	.0	.0	13
Dodge City	2,509	10	86	27.30	29.83	−.04	72.8	+.3	100	26	84	46	15	62	38	63	59	68	6.06	+2.8	10	12.3	s.	49	nw.	18	6	12	12	6.6	.0	.0	11
Wichita [1]	1,358	6	64	28.47	29.88	−.03	73.6	−.8	93	25	84	48	14	64	29	66	63	76	8.69	+4.3	18	15.0	s.	50	nw.	12	7	12	11	6.2	.0	.0	18
Oklahoma City [2]	1,214	10	47	28.60	29.85	−.06	77.1	+1.1	94	12	86	52	14	68	24	70	67	75	6.97	+3.3	13	9.4	s.	24	s.	25	8	11	11	5.9	.0	.0	9
Southern Slope							**79.0**	**+1.1**											**1.44**	**−1.1**										**4.7**			
Abilene [2]	1,738	10	56	28.07	29.82	−.06	80.6	+1.4	106	12	91	60	14	70	32	69	65	68	2.21	−.8	10	10.5	s.	25	n.	15	14	8	8	4.7	.0	.0	8
Amarillo [2]	3,676	10	49	26.19	29.80	−.05	74.4	+1.6	103	19	87	49	14	62	35	62	56	64	2.29	−.6	7	15.0	sw.	39	se.	23	8	12	10	5.5	.0	.0	7
Del Rio	960	63	71	28.82	29.77	−.08	84.0	+.6	108	11	95	65	5	74	32	71	65	59	.70	−1.8	5	10.5	se.	30	w.	9	9	20	1	4.8	.0	.0	5
Roswell	3,566	75	85	26.28	29.78	−.02	77.0	+.7	103	19	92	54	5	62	43	60	50	48	.56	−1.1	7	8.2	s.	29	nw.	23	14	12	4	3.9	.0	.0	5
Southern Plateau							**80.4**	**+1.6**										**27**	**0.12**	**−0.2**										**1.4**			
El Paso [2]	3,778	82	101	26.07	29.72	−.03	83.6	+4.0	104	21	97	63	5	70	37	57	35	26	.52	−.1	2	9.2	w.	25	e.	4	20	9	1	2.4	.0	.0	2
Albuquerque [1]	5,314	5	45	24.69	29.73	-----	74.8	+2.	297	19	90	50	5	60	36	53	35	29	.22	−.3	3	11.1	se.	42	e.	7	21	6	3	2.2	.0	.0	4
Phoenix [2]	1,107	39	87	28.60	29.72	−.02	85.0	+.5	112	22	102	62	5	68	43	58	36	24	.00	−.1	0	5.8	e.	22	sw.	25	26	3	1	1.7	.0	.0	0
Tucson [1]	2,555	5	23	27.21	29.74	-----	82.9	-----	109	22	101	56	8	65	44	56	32	19	.00	−.3	0	-----	sw.	-----	-----	-----	24	5	1	1.8	.0	.0	0
Yuma	142	9	54	29.58	29.72	−.02	84.8	+.1	113	30	104	58	8	66	44	63	47	36	.00	.0	0	5.4	sw.	17	w.	14	28	2	0	.6	.0	.0	0
Independence	3,957	5	26	25.88	29.83	+.05	73.6	+1.	396	30	89	48	3	58	36	51	30	---	.00	+.1	0	-----	nw.	-----	-----	-----	-----	-----	-----	-----	.0	.0	0
Middle Plateau							**64.7**	**−0.4**										**42**	**0.19**	**−0.3**										**2.9**			
Reno [2]	4,527	61	76	25.44	29.92	+.06	61.9	−.5	93	30	77	41	27	47	40	47	34	49	.08	−.2	3	7.0	w.	24	sw.	25	25	4	1	1.8	.0	.0	1
Tonopah	6,090	9	20	24.01	29.84	-----	65.1	-----	88	30	79	38	26	51	38	46	27	---	T	-----	0	-----	nw.	-----	-----	-----	-----	-----	-----	-----	.0	.0	1
Winnemucca	4,339	5	56	25.59	29.90	+.02	61.6	−1.2	93	30	77	36	12	46	43	47	34	44	.38	−.3	4	7.9	sw.	28	w.	18	15	10	5	3.6	.0	.0	.0
Modena	5,473	10	46	-----	29.76	−.06	63.4	+.1	90	22	82	34	28	45	---	---	---	---	T	−.3	0	11.3	sw.	35	s.	2	24	6	0	-----	.0	.0	0
Salt Lake City [1]	4,227	86	47	25.53	29.83	−.02	64.8	−.9	92	18	79	42	1	50	41	50	39	46	.47	−.3	3	8.7	se.	30	sw.	25	17	11	2	3.2	.0	.0	6
Grand Junction	4,602	60	68	25.28	29.78	−.05	72.0	+.6	95	17	87	46	28	58	37	51	31	27	.01	−.4	1	7.6	se.	28	w.	27	17	9	4	3.1	.0	.0	2
Northern Plateau							**60.8**	**−2.7**										**57**	**1.28**	**+0.2**										**5.3**			
Baker [2]	3,471	36	54	26.43	29.98	+.03	55.0	−3.6	89	30	68	35	11	42	40	47	42	68	1.02	−.3	7	5.7	n.	16	n.	15	9	13	8	5.2	.0	.0	0
Boise [1]	2,739	5	49	27.11	29.92	+.01	60.8	-----	92	30	74	39	12	48	34	51	42	57	.62	-----	6	9.0	nw.	31	nw.	25	8	20	2	4.1	.0	.0	2
Pocatello [1]	4,778	5	31	25.43	29.88	+.01	60.4	-----	87	30	75	38	13	46	42	48	36	47	.58	-----	4	10.6	sw.	34	w.	9	11	14	5	4.9	.0	.0	3
Spokane [1]	1,929	27	42	27.93	29.95	+.01	59.6	−3.2	92	30	71	40	12	48	36	51	45	64	.93	−.4	12	7.5	s.	26	sw.	15	5	12	13	6.5	.0	.0	3
Walla Walla	991	57	65	28.91	29.96	.00	64.6	−1.9	98	30	76	48	12	54	38	---	---	---	2.79	+1.7	11	6.7	s.	21	w.	15	10	8	12	5.7	.0	.0	0
Yakima	1,076	58	67	28.83	29.97	-----	64.2	−2.2	99	30	76	43	11	52	35	52	41	49	.37	−.2	7	7.5	nw.	21	w.	15	10	10	10	5.3	.0	.0	0
North Pacific Coast Region							**59.8**	**+0.4**										**73**	**2.55**	**+0.9**										**6.6**			
North Head	211	5	56	29.84	30.06	+.07	56.7	+1.9	94	30	61	48	24	52	23	53	51	83	3.26	+1.0	16	14.5	n.	43	sw.	9	4	6	20	7.5	.0	.0	0
Seattle [2]	125	90	321	29.91	30.04	+.04	60.7	+1.7	97	30	68	49	12	53	35	53	49	72	2.96	+1.6	12	9.2	s.	29	sw.	15	6	8	16	6.8	.0	.0	1
Tacoma	194	172	201	29.78	30.05	+.02	59.2	+.5	91	30	67	46	12	52	28	---	---	---	2.40	+.9	11	9.1	sw.	33	sw.	5	4	10	16	6.9	.0	.0	1
Tatoosh Island	86	9	61	29.95	30.05	+.03	54.6	+1.6	78	30	58	47	9	51	21	52	49	84	5.30	+2.1	12	10.7	w.	38	e.	30	4	4	22	7.6	.0	.0	0
Medford [1]	1,329	29	58	28.62	30.01	-----	63.1	−2.1	105	30	77	40	11	49	47	53	44	59	.64	−.1	7	-----	nw.	-----	-----	-----	12	7	11	5.0	.0	.0	2
Portland, Oreg. [2]	154	68	106	29.88	30.04	.00	62.4	.0	102	30	71	48	20	54	34	55	50	74	2.04	+.5	16	5.6	nw.	18	sw.	5	7	6	17	6.5	.0	.0	0
Roseburg	510	45	76	29.51	30.06	+.03	61.8	−.7	104	30	74	40	19	50	44	54	47	66	1.28	+.2	9	4.3	n.	17	w.	14	10	8	12	6.0	.0	.0	1
Middle Pacific Coast Region							**65.3**	**+1.0**										**62**	**0.20**	**−0.3**										**3.0**			
Eureka	60	72	88	30.02	30.09	+.04	56.2	+1.9	72	29	61	48	10	52	20	52	50	82	.57	−.2	8	7.7	n.	25	n.	11	12	8	10	5.3	.0	.0	0
Redding [1]	722	20	34	29.13	29.90	-----	74.7	−.4	109	30	87	54	6	63	35	56	40	34	.22	−.6	2	9.7	nw.	27	w.	15	20	7	3	2.5	.0	.0	3
Sacramento [2]	66	92	115	29.82	29.89	.00	71.6	+2.2	108	30	87	51	3	56	42	57	48	54	.00	−.2	0	7.7	s.	21	sw.	24	25	4	1	1.5	.0	.0	0
San Francisco	155	112	132	29.78	29.95	−.01	58.6	+.1	88	28	65	50	3	52	28	53	50	77	T	−.2	0	11.6	w.	33	w.	6	20	7	3	2.5	.0	.0	0
South Pacific Coast Region							**68.9**	**+0.2**										**63**	**T**	**−0.1**										**4.1**			
Fresno [1]	327	5	35	29.52	29.86	+.01	75.8	+.1	110	30	92	50	3	59	43	58	44	40	.00	−.1	0	9.4	nw.	24	nw.	5	28	1	1	0.6	.0	.0	0
Los Angeles	338	223	250	29.54	29.90	.00	65.9	−.5	81	21	74	54	1	58	24	59	56	74	T	−.1	0	5.8	w.	18	w.	25	8	18	4	5.2	.0	.0	0
San Diego [1]	87	20	55	29.81	29.91	−.01	64.9	+1.0	75	22	71	56	23	59	18	59	56	76	.01	.0	1	7.0	s.	16	s.	11	0	20	10	6.5	.0	.0	0
West Indies																																	
San Juan, P. R.	82	10	54	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Panama Canal																																	
Balboa Heights	118	6	92	-----	29.83	+.01	80.9	+0.8	90	23	87	73	14	75	15	---	-----	[3]88	5.59	−2.6	21	5.1	nw.	22	n.	28	0	12	18	7.7	.0	.0	12
Cristobal	36	6	97	-----	29.84	.00	81.9	×1.5	91	1	87	75	30	77	14	77	76	[3]86	18.59	+4.6	22	5.6	se.	25	nw.	20	0	6	24	8.9	.0	.0	15

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—Continued

District and station	Elevation of instruments			Pressure			Temperature of the air									Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation			Wind					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
	Barometer above sea level	Thermometer above ground	Anemometer above ground	Station, reduced to mean of 24 hours	Sea level, reduced to mean of 24 hours	Departure from normal	Mean max.+mean min.÷2	Departure from normal	Maximum	Date	Mean maximum	Minimum	Date	Mean minimum	Greatest daily range				Total	Departure from normal	Days with 0.01 inch, or more	Average hourly velocity	Prevailing direction	Maximum velocity: Miles per hour	Maximum velocity: Direction	Maximum velocity: Date							
	Ft.	Ft.	Ft.	In.	In.	In.	°F.	°F.	°F		°F	°F		°F	°F	°F	°F.	%	In.	In.		Miles								0-10	In.	In.	
Alaska																																	
Anchorage	135	36	47	[4] 29.73	[4] 29.88	----	55.4	+1.9	77	23	64	43	5	47	27	49	45	71	0.68	0.0	5	5.5	nw.	18	sw.	5	6	9	15	----	0.0	0.0	----
Barrow	25	4	27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Bethel	22	5	32	[4] 29.77	[4] 29.81	----	51.6	−1.4	78	20	62	34	6	41	31	48	43	72	1.35	+.2	9	----	n.	----	----	----	1	7	22	8.1	.0	.0	----
Fairbanks	484	11	87	[4] 29.32	[4] 29.82	----	61.4	+2.9	91	24	73	38	1	49	38	52	44	60	2.75	+1.4	12	6.3	w.	27	sw.	10	3	11	16	7.1	.0	.0	3
Juneau	132	96	116	[4] 29.90	[4] 29.98	----	55.4	+1.2	77	23	62	40	15	48	29	50	46	75	5.97	+1.9	15	5.6	s.	24	se.	13	4	4	22	7.8	.0	.0	0
Ketchikan	75	69	85	[4] 29.98	[4] 30.00	----	55.8	+1.2	77	30	63	43	2	49	26	51	48	79	2.33	−4.1	16	6.0	se.	21	se.	23	2	5	23	8.3	.0	.0	----
McGrath	331	4	31	[4] 29.43	[4] 29.80	----	56.6	----	89	20	68	36	6	45	40	49	43	66	1.93	----	10	----	s.	23	e.	12	3	16	11	----	.0	.0	----
Nome	43	25	51	[4] 29.81	[4] 29.83	----	49.4	+3.7	76	21	57	33	10	42	32	45	42	79	1.36	+.2	12	9.5	w.	37	s.	29	8	10	12	6.1	.0	.0	0
Hawaii																																	
Honolulu	38	86	100	29.98	30.02	----	77.3	+.7	84	3	82	64	15	73	15	69	65	70	1.11	+.2	11	10.0	ne.	26	ne.	15	5	18	7	5.9	.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.