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	74.3	+2.9	Talladega	97	20	Scottsboro	40	2	3.74	−0.38	Clayton	6.85	Trafford	0.96
Arizona	67.6	+1.4	Parker	109	25	Fort Valley	15	17	.10	−.23	Tucson (Mag. Obsy.)	1.01	43 stations	.00
Arkansas	71.0	+1.8	2 stations	95	[1] 2	2 stations	38	[1] 1	7.89	+2.95	Rogers	19.03	Monticello	1.36
California	62.8	+1.4	Cow Creek	114	24	Ellery Lake	7	16	.35	−.60	Crescent City (near)	6.74	110 stations	.00
Colorado	51.1	−1.4	Las Animas	97	[1] 1	Spicer	5	9	2.40	+.52	Fort Collins	5.95	Box Ranch	.00
Florida	77.2	+1.7	2 stations	98	[1] 4	Hilliard	44	2	5.02	+1.09	Hialeah	12.89	Bradenton	.40
Georgia	72.8	+1.2	Camp Stewart	98	31	Clayton	32	2	4.25	+.83	Lumber City	8.03	Thomasville	1.71
Idaho	50.2	−2.8	Glenns Ferry	94	27	2 stations	12	[1] 11	1.43	−.24	Bungalow Ranger Sta.	5.20	Bonners Ferry	.06
Illinois	61.6	−1.2	E. St. Louis	95	5	do	26	1	8.79	+4.69	Edwardsville	14.90	Fulton L. & Dam	3.23
Indiana	62.4	+.1	5 stations	90	[1] 5	La Porte	22	1	8.71	+4.67	Covington	14.16	Jeffersonville	4.00
Iowa	57.5	−2.7	Hawarden	97	29	Decorah	21	1	4.40	+.36	Mt. Pleasant	7.07	Cresco	1.33
Kansas	60.9	−3.0	Lakin (near)	98	31	Goodland	29	12	4.61	+.80	Oswego	21.47	Ulysses	.67
Kentucky	67.3	+1.9	Pippapass	92	19	Pippapass	29	4	5.43	+1.50	Paducah	8.51	Hazard	3.14
Louisiana	77.0	+3.2	Winnfield	97	28	7 stations	51	26	3.58	−.99	Delta Farms	7.37	Coushatta	.96
Maryland-Delaware	64.3	+1.5	Cumberland, Md	95	18	Oakland, Md	17	2	4.67	+1.15	Conowingo Dam, Md.	7.82	Ocean City, Md	1.95
Michigan	52.5	−1.8	3 stations	85	[1] 5	Baldwin	16	9	4.87	+1.62	Benton Harbor	13.66	Mancelona	.87
Minnesota	52.6	−2.6	Zumbrota	97	29	2 stations	20	[1] 8	4.42	+1.17	New Ulm	8.66	Argyle	1.93
Mississippi	75.4	+3.6	2 stations	96	[1] 5	Port Gibson	49	26	3.64	−.61	Meridian	8.86	Yazoo City	1.06
Missouri	63.9	−.6	Bragg City	95	5	Shelbina	33	1	9.91	+5.12	Joplin	25.54	Gallatin	4.15
Montana	48.7	−3.3	Forsyth	91	28	Kings Hill	5	12	1.56	−.56	Loweth	4.33	Winifred	.35
Nebraska	56.2	−3.1	Niobrara	100	29	Gordon	18	12	2.12	−1.26	Falls City	6.80	Lebanon	.49
Nevada	57.4	+1.7	2 stations	107	[1] 25	Sheldon	13	[1] 8	.31	−.54	Arthur	2.23	14 stations	.00
New England	55.0	−.2	Durham, N. H	90	17	3 stations	20	[1] 2	5.07	+1.71	Searsburg Mtn., Vt	10.31	Fort Kent, Maine	1.89
New Jersey	61.7	+1.3	2 stations	93	8	2 stations	24	2	4.92	+1.24	Moorestown	8.37	Cape May	1.45
New Mexico	60.8	+1.2	do	103	[1] 26	Gavilan	13	[1] 17	.98	−.26	Hassell	4.09	7 stations	.00
New York	56.1	.0	Bedford Hills	93	8	Stillwater Reservoir	17	2	5.50	+2.05	Williamstown	8.45	Riverhead	2.41
North Carolina	68.8	+2.2	Pinehurst	96	22	Mount Mitchell	19	1	3.67	−.29	Newbern	9.62	Louisburg	1.15
North Dakota	49.9	−3.6	2 stations	96	28	Dunseith	15	7	2.21	−.11	Milnor	5.17	New Hradec	.64
Ohio	61.2	+.6	Ironton	93	6	Van Wert	22	1	6.39	+2.68	Van Wert	12.45	Springfield No. 1	3.27
Oklahoma	66.8	−1.5	Hollis	103	2	Kenton	32	16	10.28	+5.53	Miami	23.95	Hooker	1.24
Oregon	50.7	−2.5	Brookings	99	24	Olive Lake	8	[1] 11	1.40	−.34	Brookings	6.36	Redmond	.10
Pennsylvania	60.4	+.7	Marcus Hook	93	7	Butler	19	1	6.08	+2.19	Gratersford	10.34	Woodward	3.59
South Carolina	72.0	+1.1	2 stations	98	31	Dillon	37	2	2.88	−.62	Caesars Head	10.79	Santuck	1.05
South Dakota	53.7	−2.7	do	102	28	Ralph	−1	12	2.35	−.51	Ardmore	7.32	Ludlow	.64
Tennessee	69.6	+2.7	Etowah	95	19	2 stations	29	2	4.09	.00	Cedar Hill	8.67	Dunlap	.85
Texas	73.7	+.7	2 stations	105	[1] 15	Stratford	33	16	4.25	+.61	San Benito	12.90	El Paso	T
Utah	54.8	−.7	Green River	98	22	Clear Creek	10	9	.91	−.29	Silver Lake (Brighton)	3.13	Bryce Canyon	.00
Virginia	66.6	+2.4	2 stations	96	7	Mountain Lake	21	2	4.34	+.65	Clifton Forge	6.74	Columbia	2.10
Washington	52.2	−2.8	do	91	24	Paradise Ranger Sta.	19	[1] 11	1.81	−.17	Highley Peak	9.55	White Swan	T
West Virginia	63.5	+1.7	do	96	[1] 7	Bayard	17	2	4.59	+.63	Dam 13, O. R	8.49	2 stations	2.39
Wisconsin	54.1	−1.2	Lake Mills	89	29	2 stations	17	13	4.50	+.84	Stevens Point	7.24	Madison	2.25
Wyoming	47.4	−2.2	Torrington	95	28	Lake Yellowstone	0	17	2.10	+.06	Hecla	5.36	Big Piney	.33
Alaska [April]	29.0	+1.5	Unuk River	76	27	Kotzebue	−44	5	1.55	+.06	Baranof	13.89	4 stations	T
Hawaii	73.5	+1.4	2 stations	92	[1] 6	Volcano Observatory	48	6	7.97	+1.49	Kukui, Maui	35.00	Olowalu, Maui	.73
Puerto Rico	75.8	−1.0	Utuado	95	26	Mameyes (Utuado)	46	6	9.58	+1.42	Rio Blanco (500)	7.44	2 stations	1.40

[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 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.	%	In.	In.		Miles								0-10	In.	In.	
New England							53.9	+0.3									76	4.02	+0.9										6.6			
Eastport	75	67	85	29.94	30.03	+0.07	48.4	+0.7	76	24	57	29	2	40	35	40	78	2.65	−0.4	13	8.9	sw.	34	e.	3	5	9	17	7.1	T	0.0	1
Greenville, Me	1,070	6	41	28.86	30.04	----	49.8	+.2	81	17	62	22	2	37	41	40	----	3.60	+.4	11	----	nw.	----	----	----	2	12	17	----	3.0	.0	0
Portland, Me [1]	103	5	36	29.90	30.03	+.06	52.8	----	80	17	63	27	2	43	39	44	75	6.09	+2.7	14	8.4	s.	27	n.	5	8	11	12	5.7	.0	.0	3
Concord [2]	289	4	45	29.72	30.04	+.06	54.8	+.5	89	17	67	28	2	43	39	44	70	3.89	+.9	12	6.5	nw.	29	nw.	1	7	11	13	6.5	.0	.0	4
Burlington [2]	403	11	48	29.56	30.00	+.01	54.2	−2.3	77	24	63	27	1	45	----	45	71	4.35	+1.5	14	8.1	se.	30	se.	17	3	6	22	7.9	T	.0	2
Northfield	876	12	60	29.08	30.05	+.08	52.4	−.4	80	17	63	26	1	42	38	----	----	4.03	+1.3	15	7.0	sw.	25	s.	16	5	6	20	7.4	.1	.0	1
Boston [1]	124	33	62	29.88	30.03	+.05	57.6	----	85	17	66	35	2	49	31	46	70	4.56	+1.4	16	10.4	nw.	33	ne.	22	4	11	16	6.9	.0	.0	4
Nantucket	12	10	63	30.02	30.04	+.05	53.6	+1.3	71	28	60	35	2	47	24	48	86	4.00	+1.2	12	11.4	sw.	35	ne.	22	6	10	15	6.6	.0	.0	7
Block Island	26	11	46	30.00	30.04	+.05	53.6	+.8	71	27	60	37	2	47	23	47	84	2.36	−1.1	13	14.5	sw.	42	nw.	1	14	7	10	4.4	.0	.0	2
Providence [2]	159	46	60	29.87	30.05	+.07	59.4	+.9	87	7	69	34	2	50	40	47	74	3.34	+.4	14	8.7	s.	30	se.	16	6	12	13	6.5	.0	.0	5
Hartford [1]	159	5	44	29.86	30.04	+.06	59.6	----	85	7	70	30	2	49	37	49	71	5.31	+1.7	17	8.9	s.	32	w.	18	3	12	16	6.9	.0	.0	5
New Haven [2]	107	74	153	29.93	30.05	+.06	59.2	+1.3	88	7	68	37	2	51	38	50	80	4.05	+.4	18	8.8	s.	24	sw.	8	6	10	15	6.8	T	.0	8
Middle Atlantic States							64.0	+1.8									72	4.53	+1.1										6.7			
Albany [1]	97	26	40	29.91	30.03	+.05	57.8	+.1	84	17	68	32	1	48	38	47	71	3.78	+1.2	17	9.4	nw.	40	nw.	1	3	8	20	7.5	.0	.0	4
Binghamton	871	57	79	29.09	30.04	+.06	58.2	+.8	87	17	68	29	1	48	38	48	78	7.47	+4.2	19	6.1	w.	26	nw.	17	1	11	19	7.7	T	.0	7
New York	314	415	454	29.69	30.03	+.04	61.3	+.7	85	8	69	39	2	53	28	49	70	4.71	+1.5	16	14.2	n.	56	nw.	1	6	11	14	6.7	.0	.0	7
Harrisburg [1]	374	30	49	29.63	30.04	+.06	63.6	+1.8	90	6	73	36	2	54	41	52	72	6.24	+2.8	18	8.4	se.	27	nw.	1	3	12	16	7.4	.0	.0	8
Philadelphia [2]	114	174	367	29.92	30.05	+.06	63.3	+.4	89	8	73	37	2	53	35	52	71	5.63	+2.4	13	9.3	sw.	29	sw.	3	2	13	16	7.1	.0	.0	4
Reading	323	47	306	29.69	30.05	----	63.5	+1.5	89	8	73	40	2	54	36	----	----	4.36	+.7	16	12.3	nw.	36	w.	3	3	12	16	7.2	.0	.0	9
Scranton	805	72	104	29.18	----	----	60.2	+.8	86	8	70	32	1	51	36	----	----	4.25	+1.0	17	6.4	n.	32	nw.	6	2	1	3	1	6 7.	0	T	0
Atlantic City	52	37	172	29.99	30.06	+.08	59.6	+1.5	90	7	66	41	2	53	30	51	80	2.42	−.6	13	16.0	s.	38	nw.	1	3	14	14	6.7	.0	.0	5
Trenton	190	89	107	29.83	30.04	----	62.6	+1.5	87	7	72	39	2	53	31	51	71	4.28	+1.2	13	8.7	s.	26	nw.	1	4	13	14	7.0	.0	.0	5
Baltimore [2]	123	100	215	29.90	30.05	+.06	66.8	+2.4	90	8	75	44	2	58	32	54	72	4.76	+1.2	16	10.5	s.	34	nw.	3	3	16	12	6.8	.0	.0	10
Washington [2]	112	56	100	29.93	30.05	+.05	67.1	+3.4	90	6	77	37	2	57	40	55	71	4.04	+.3	18	7.6	s.	29	w.	8	1	15	15	6.9	.0	.0	9
Cape Henry	18	8	54	30.03	30.06	----	68.6	+4.4	94	7	76	49	2	61	32	58	74	4.66	+1.1	8	12.2	sw.	35	n.	1	10	11	10	5.6	.0	.0	7
Lynchburg	686	144	184	29.33	30.05	+.05	68.6	+1.3	92	6	79	34	2	58	42	53	66	4.47	+.8	13	8.3	sw.	29	nw.	1	12	9	10	5.4	.0	.0	8
Norfolk [2]	91	80	125	29.97	30.08	+.08	70.3	+4.1	91	7	79	47	2	61	34	58	74	3.83	.0	9	10.5	sw.	27	sw.	11	8	9	14	6.1	.0	.0	6
Richmond [2]	144	11	52	29.89	30.05	+.06	69.2	+2.7	91	7	80	37	2	59	37	56	69	3.11	−.7	13	8.9	sw.	29	nw.	1	9	12	10	5.9	.0	.0	7
South Atlantic States							72.3	+2.1									73	3.13	−0.3										5.3			
Asheville	2,253	89	104	27.76	30.08	+.09	65.8	+3.2	89	31	77	35	2	55	38	52	68	3.96	+.5	15	8.1	se.	25	nw.	3	6	10	15	6.7	.0	.0	5
Charlotte [2]	779	63	86	29.25	30.08	+.09	71.4	+2.5	93	31	82	44	2	61	30	57	68	1.65	−2.0	8	7.6	sw.	22	sw.	11	8	12	11	6.2	.0	.0	1
Greensboro [1]	886	6	56	29.15	30.10	----	68.3	----	90	7	80	36	2	57	36	56	71	2.86	----	13	8.9	sw.	26	sw.	11	6	14	11	6.1	.0	.0	7
Hatteras	11	5	50	30.07	30.09	+.08	69.8	+1.1	82	31	75	52	2	64	17	63	84	3.78	+.1	8	13.6	sw.	34	sw.	12	12	10	9	4.8	.0	.0	6
Raleigh [1]	376	27	69	29.68	30.08	+.09	71.0	+2.7	91	31	82	39	2	60	36	57	70	1.85	−2.0	7	9.6	sw.	32	sw.	10	7	13	11	5.8	.0	.0	4
Wilmington	72	73	107	30.01	30.09	+.08	71.6	+.8	88	31	79	50	2	64	22	62	78	3.61	+.2	10	10.2	sw.	33	s.	12	13	13	5	4.3	.0	.0	6
Charleston [2]	48	11	92	30.02	30.08	+.07	73.7	+1.0	92	28	80	56	2	67	23	64	80	2.79	−.2	9	11.1	s.	29	s.	11	19	8	4	3.6	.0	.0	4
Columbia, S. C. [2]	347	70	91	29.69	30.07	+.07	73.7	+1.8	93	31	84	47	2	63	29	62	73	5.07	+2.0	11	8.2	s.	26	s.	25	11	9	11	5.3	.0	.0	8
Greenville, S. C. [1]	1,040	70	78	28.98	30.07	----	70.8	+3.6	90	20	81	48	2	61	33	55	65	2.01	−2.0	9	9.4	sw.	38	n.	1	8	10	13	6.1	.0	.0	3
Augusta [2]	182	62	77	29.87	30.07	+.08	74.4	+2.0	92	31	85	50	2	64	30	58	63	2.42	−.6	9	5.9	s.	21	s.	11	7	14	10	5.3	.0	.0	3
Savannah [2]	65	73	152	30.01	30.08	+.08	75.6	+2.2	93	31	84	57	2	67	28	64	75	2.33	−.7	10	10.6	s.	25	e.	23	13	14	4	4.2	.0	.0	5
Jacksonville [2]	43	86	110	30.02	30.08	+.08	77.2	+2.2	93	31	85	64	3	69	24	66	76	4.91	+.9	10	7.9	e.	23	sw.	11	11	8	12	5.4	.0	.0	8
Forida Peninsula							78.8	+1.5									77	2.36	−1.9										4.8			
Key West [2]	21	10	64	30.00	30.03	+.06	80.4	+1.3	88	26	85	70	2	76	13	69	73	1.71	−1.8	9	10.0	e.	23	e.	6	15	16	0	4.0	.0	.0	7
Miami [2]	25	124	168	30.01	30.05	+.06	76.7	+.3	86	25	80	67	1	73	13	70	81	3.32	−2.9	11	12.3	e.	35	ne.	17	8	16	7	5.4	.0	.0	7
Tampa [1]	35	5	61	30.01	30.05	+.06	79.2	+2.9	93	28	88	63	3	70	25	69	77	2.05	−.9	9	10.2	e.	29	sw.	26	10	13	8	5.0	.0	.0	13
East Gulf States							75.3	+2.6									73	4.15	+0.3										4.8			
Atlanta [1]	1,173	5	72	28.84	30.05	+.06	72.0	+1.7	90	14	82	49	2	62	30	57	66	3.75	+.3	6	9.4	s.	44	s.	11	9	13	9	5.5	.0	.0	5
Macon [2]	370	70	87	29.66	30.06	+.07	73.3	+1.0	91	14	84	51	2	63	32	60	71	5.79	+2.8	8	6.6	s.	27	se.	11	13	11	7	4.3	.0	.0	5
Thomasville	273	49	58	29.78	30.10	+.11	76.4	+2.4	94	31	87	57	2	66	29	----	----	1.71	−1.9	6	----	----	----	----	----	8	12	11	----	.0	.0	5
Apalachicola	35	11	51	30.00	30.04	----	76.4	+1.8	89	1	83	62	3	70	20	68	79	7.92	+4.5	7	8.5	se.	26	e.	18	14	7	10	4.9	.0	.0	4
Pensacola	56	54	79	29.97	30.04	+.05	76.8	+2.9	91	28	84	63	5	70	21	68	78	2.91	−.5	4	8.0	se.	26	sw.	11	13	10	8	4.6	.0	.0	6
Anniston	741	9	----	----	----	----	72.2	+3.8	91	20	84	48	4	60	37	----	----	5.43	+1.5	7	----	se.	----	----	----	17	7	7	----	.0	.0	3
Birmingham [2]	700	11	48	29.31	30.04	+.06	73.2	+2.1	90	19	83	52	22	63	32	58	64	2.04	−1.9	5	7.3	s.	24	s.	10	8	15	8	5.3	.0	.0	5
Mobile [2]	57	6	30	29.97	30.03	+.04	77.0	+2.6	91	29	85	62	2	69	23	67	79	4.39	+.1	6	6.5	s.	20	w.	11	15	6	10	4.5	.0	.0	9
Montgomery [2]	218	92	105	29.80	30.04	+.05	75.6	+2.2	92	20	86	56	2	66	28	61	67	3.07	−.8	7	6.9	s.	19	sw.	11	12	9	10	4.7	.0	.0	5
Meridian [2]	375	67	92	29.62	30.03	+.05	75.4	+4.1	94	20	87	55	2	64	33	63	73	8.86	+4.5	8	6.5	s.	29	sw.	8	10	8	13	5.1	.0	.0	6
Vicksburg [2]	247	82	102	29.73	30.00	+.03	76.6	+3.7	92	14	86	60	22	67	26	64	80	2.00	−2.3	9	8.6	s.	24	s.	7	9	14	8	5.0	.0	.0	8
New Orleans [6]	53	76	84	29.96	30.01	+.04	78.8	+3.4	92	29	88	63	11	70	24	68	75	1.92	−2.7	7	6.7	se.	17	s.	10	15	11	5	4.2	.0	.0	6
West Gulf States							75.0	+1.9									76	6.33	+2.1										6.0			
Shreveport [1]	249	5	64	29.70	29.96	+.01	76.4	+3.8	94	2	86	58	12	66	30	64	71	2.41	−1.8	7	10.3	s.	33	s.	10	9	11	11	5.2	.0	.0	7
Bentonville	1,303	12	51	28.60	----	----	65.8	−.6	92	2	75	46	8	56	34	----	----	16.89	+11.7	15	7.3	s.	25	sw.	5	8	17	6	----	.0	.0	12
Fort Smith	463	57	82	29.44	29.91	−.02	70.8	+1.2	93	2	79	54	8	63	33	59	71	14.71	+9.9	12	8.1	e.	31	se.	8	4	10	17	7.1	.0	.0	10
Little Rock [1]	357	94	102	29.59	29.97	+.02	72.6	+2.3	92	2	82	56	21	63	36	61	73	4.41	−.4	13	9.4	s.	32	sw.	10	6	9	16	6.8	.0	.0	9
Austin [1]	605	11	41	29.27	29.89	----	76.0	+1.4	92	27	87	54	11	65	36	65	74	5.38	+.7	9	11.2	s.	31	se.	9	8	13	10	5.6	.0	.0	8
Brownsville [2]	57	88	96	29.82	29.87	----	80.2	+1.6	93	24	88	59	11	72	33	71	82	5.46	+2.9	6	14.9	se.	36	se.	28	4	6	21	7.3	.0	.0	6
Corpus Christi [1]	20	11	78	29.88	29.90	.00	78.0	+3.5	91	24	86	58	11	70	30	70	83	4.95	----	7	14.3	se.	30	s.	5	5	16	10	5.9	.0	.0	6
Dallas [1]	512	6	46	29.37	29.90	----	74.0	----	96	2	84	54	13	64	34	62	71	5.00	+.5	11	13.6	se.	45	se.	15	8	6	17	6.1	.0	.0	9
Fort Worth [1]	679	35	56	29.20	29.91	.00	73.4	+1.2	95	2	84	53	13	63	34	61	72	7.83	+3.2	11	13.5	s.	49	nw.	7	8	8	15	6.1	.0	.0	12
Galveston [2]	54	106	114	29.90	29.95	+.01	77.7	+2.9	86	1	82	66	24	74	18	71	84	1.05	−2.4	8	12.5	se.	37	nw.	24	9	11	11	5.5	.0	.0	6
Houston [2]	138	157	190	29.81	29.94	----	77.2	+1.7	92	23	86	61	7	69	26	68	81	6.27	+1.8	10	11.9	se.	36	se.	7	9	14	8	5.4	.0	.0	4
Palestine	510	64	72	29.42	29.94	+.01	74.8	+2.1	91	3	84	57	11	65	29	64	75	7.58	+3.0	8	8.6	s.	35	nw.	24	7	14	10	5.7	.0	.0	7
Port Arthur	34	59	134	29.93	29.96	----	78.4	----	90	20	85	62	11	72	23	69	77	2.77	−1.4	5	14.4	s.	42	n.	24	10	10	11	5.3	.0	.0	5
San Antonio [1]	693	28	59	29.18	29.89	−.01	77.2	+2.1	95	24	88	55	11	67	39	64	70	2.56	−.6	8	11.6	se.	36	se.	28	7	11	13	6.0	.0	.0	6
Ohio Valley and Tennessee							65.3	+1.1									73	5.65	+1.8										6.8			
Chattanooga [1]	762	21	54	29.24	30.04	+.05	69.3	+3.8	91	19	82	40	2	57	40	57	70	1.56	−2.2	7	7.8	s.	31	s.	11	7	12	12	5.9	.0	.0	4
Knoxville [2]	995	66	84	29.01	30.05	+.06	69.8	+2.6	91	20	81	37	2	58	42	55	64	2.88	−.9	8	8.7	sw.	35	w.	11	10	16	5	4.8	.0	.0	6
Memphis [2]	399	78	86	29.57	29.98	+.02	73.0	+2.4	91	5	82	55	1	64	33	61	71	6.02	+1.8	12	8.5	s.	27	w.	19	6	12	13	6.2	.0	.0	10
Nashville [1]	546	5	72	29.44	30.02	+.04	70.8	----	89	6	81	44	2	60	38	58	70	5.29	+1.4	11	9.5	s.	26	sw.	31	7	15	9	5.7	.0	.0	9
Lexington	989	6	----	28.99	----	----	66.4	+2.1	88	6	78	35	4	55	38	----	----	6.73	+2.9	16	----	s.	----	----	----	8	12	11	----	.0	.0	12
Louisville	525	106	120	29.44	30.01	+.03	68.0	+1.4	87	5	77	39	1	59	35	56	72	4.91	+1.2	17	10.0	s.	34	sw.	6	7	11	13	6.0	.0	.0	9
Evansville [1]	431	5	38	29.53	29.99	+.02	66.5	+2.2	88	5	76	42	1	57	38	56	73	6.30	+2.4	14	9.4	s.	27	s.	6	7	6	18	7.2	.0	.0	12
Indianapolis [1]	823	98	129	29.11	29.99	+.02	61.2	−.2	85	5	70	30	1	52	38	53	78	10.10	+6.2	16	10.9	sw.	38	sw.	6	3	9	19	7.6	.0	.0	12
Terre Haute [2]	575	68	149	29.38	29.99	----	63.6	+.2	87	5	72	35	1	55	33	54	77	11.94	+8.1	16	9.8	sw.	29	s.	16	7	6	18	7.2	.0	.0	10
Cincinnati [2]	627	11	51	29.34	30.01	+.02	64.8	−1.7	88	6	74	32	1	55	29	54	74	5.08	+1.4	20	7.8	sw.	27	sw.	6	7	4	20	7.3	.0	.0	11
Columbus [2]	822	90	110	29.14	30.01	+.03	63.4	+1.1	87	6	72	31	1	54	28	52	74	4.33	+.7	17	10.6	s.	39	sw.	6	5	10	16	7.4	.0	.0	9
Dayton [2]	900	186	213	29.05	30.00	----	61.4	−1.2	84	6	70	28	1	52	32	52	77	4.66	+1.1	20	10.8	sw.	42	sw.	6	2	7	22	7.9	.0	.0	10
Elkins [2]	1,947	61	78	29.03	30.06	+.06	61.0	+1.8	86	17	72	24	2	50	44	51	75	3.72	−.3	18	7.1	s.	29	w.	3	0	10	21	7.9	.0	.0	10
Parkersburg	637	77	84	29.35	30.03	+.04	65.1	+1.3	90	6	76	34	2	54	34	54	72	5.53	+2.2	19	6.2	se.	30	nw.	19	6	9	16	6.7	.0	.0	12
Pittsburgh [1]	842	39	54	29.13	30.04	+.05	61.1	−.1	86	6	71	32	1	52	31	50	72	5.63	+1.4	20	11.5	s.	35	sw.	8	2	9	20	7.7	T	.0	6

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 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.	%	In.	In.		Miles								0-10	In.	In.	
Lower Lake Region							56.2	−0.9									75	6.17	+3.0										7.5			
Buffalo [2]	768	243	280	29.19	30.02	+.05	51.8	−2.8	75	23	59	28	1	44	26	46	78	3.52	+.4	18	13.7	sw.	44	w.	6	3	7	21	7.7	T	.0	7
Canton	448	10	61	29.51	29.99	-----	55.0	−1.2	77	31	64	25	1	46	33	44	70	5.86	+2.9	15	8.4	sw.	29	sw.	16	4	9	18	7.4	.2	.0	3
Ithaca	836	77	100	-----	-----	-----	56.8	−.7	86	6	66	28	1	47	35	-----	-----	5.85	+2.4	19	9.0	nw.	31	nw.	8	1	5	25	8.4	T	.0	7
Oswego	335	71	85	29.64	30.02	+.05	53.0	−2.2	77	23	60	28	1	46	26	44	72	4.92	+1.9	18	8.5	w.	32	se.	16	6	9	16	6.9	.4	.0	4
Rochester [1]	523	5	69	29.45	30.02	+.05	56.2	+.1	82	6	65	30	1	47	31	47	74	5.45	+2.5	16	9.8	w.	37	w.	6	2	8	21	7.8	T	.0	5
Syracuse [1]	596	5	51	29.37	30.02	+.04	56.8	+.5	81	6	66	29	1	47	32	48	74	3.88	+.9	19	9.9	sw.	36	s.	16	2	7	22	8.1	.5	.0	5
Erie [2]	714	57	81	29.26	30.03	+.05	55.6	−1.2	83	6	63	32	1	48	33	48	80	6.41	+3.0	19	8.1	w.	27	se.	16	4	7	20	7.4	.0	.0	3
Cleveland [1]	762	27	54	29.19	30.01	+.03	58.1	.0	84	6	67	32	14	49	37	49	74	4.64	+1.5	20	11.0	se.	41	sw.	6	5	7	19	7.8	T	.0	9
Sandusky	629	5	67	-----	-----	-----	58.8	−.4	84	6	67	34	1	50	29	-----	-----	9.04	+5.9	20	8.9	sw.	31	sw.	16	6	6	19	7.6	.0	.0	7
Toledo [2]	628	79	87	29.32	30.00	+.03	57.7	−1.7	84	6	67	29	1	48	35	50	80	8.04	+4.6	18	11.7	sw.	43	sw.	16	9	7	15	6.1	.0	.0	9
Fort Wayne [1]	857	69	84	29.07	29.99	-----	58.3	−.9	83	29	68	29	1	49	31	50	77	8.40	+4.6	17	9.4	w.	34	s.	16	3	9	19	7.5	.0	.0	9
Detroit [1]	730	5	78	29.22	30.01	+.04	56.6	−.3	81	6	65	30	1	48	33	47	74	8.05	+4.8	19	9.8	w.	36	sw.	16	5	7	19	7.6	.0	.0	5
Upper Lake Region							52.3	−0.2									73	4.28	+1.1										7.3			
Alpena	609	5	89	29.33	29.99	+.02	50.2	−.3	78	6	59	28	1	42	34	40	73	2.44	−.6	12	10.9	se.	36	sw.	16	4	8	19	7.4	T	.0	5
Escanaba	612	51	72	29.30	29.96	−.01	50.0	+.4	75	21	58	29	13	42	29	41	75	3.63	+.7	11	10.0	s.	33	n.	11	4	8	19	7.3	T	.0	0
Grand Rapids [2]	707	70	244	29.22	29.98	+.01	56.2	−1.8	81	22	64	30	1	48	31	45	75	4.67	+1.2	20	11.5	sw.	48	sw.	16	4	7	20	7.4	.0	.0	5
Lansing [2]	878	5	90	29.06	30.00	-----	54.8	−2.1	76	22	63	27	1	46	35	47	77	7.98	+4.6	19	9.1	w.	32	sw.	16	5	9	17	7.2	.0	.0	4
Ludington	637	60	66	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Marquette	734	44	73	29.15	29.96	−.01	49.8	+.8	74	29	58	29	13	42	27	40	70	2.87	−.1	10	7.8	e.	34	s.	5	5	9	17	6.9	T	.0	2
Sault Saint Marie [1]	614	11	43	29.19	29.99	+.04	48.2	.0	79	23	59	25	1	38	39	39	75	3.89	+1.2	10	11.7	nw.	40	sw.	6	6	7	18	7.1	T	.0	2
Chicago [1]	673	19	38	29.25	29.98	+.02	56.6	−1.2	87	31	65	30	1	48	32	46	74	7.08	+3.6	16	10.3	ne.	35	sw.	16	3	12	16	7.4	.0	.0	4
Green Bay	617	109	141	29.29	29.96	+.01	54.6	−.3	82	22	64	32	1	45	31	45	74	4.44	+.9	14	10.3	s.	39	sw.	16	2	11	18	7.7	.0	.0	5
Milwaukee [1]	681	33	66	29.24	29.98	+.02	52.8	+.2	84	5	62	29	1	44	39	42	71	2.88	−.5	20	13.1	n.	50	sw.	16	3	7	21	7.7	.0	.0	5
Duluth	1,133	5	47	28.71	29.93	−.03	50.0	+2.7	80	21	61	29	8	40	36	38	69	2.90	−.4	14	11.4	ne.	39	ne.	15	4	13	14	6.7	T	.0	3
North Dakota							50.6	−3.0									64	2.30	0.0										6.8			
Fargo [1]	940	5	43	28.90	29.92	−.02	51.2	−3.9	81	28	63	28	7	40	40	39	68	3.65	+.8	10	14.9	n.	42	w.	2	7	8	16	6.5	T	.0	3
Bismarck [1]	1,677	4	41	28.16	29.94	+.02	51.4	−1.6	94	28	64	22	7	39	46	37	62	2.05	−.3	5	12.8	nw.	38	w.	23	7	10	14	6.5	T	.0	2
Devils Lake	1,478	11	44	28.36	29.94	.00	49.0	−3.6	84	22	60	23	7	39	34	36	67	2.21	+.2	12	10.2	sw.	34	nw.	2	3	6	22	8.0	.2	.0	3
Lemmon, S. Dak	2,602	4	38	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand Forks	832	11	71	29.03	29.94	-----	49.6	-----	83	22	62	25	8	37	43	38	-----	2.66	-----	11	-----	n.	-----	-----	-----	6	7	18	-----	T	.0	2
Williston	1,878	42	50	27.95	29.94	+.01	50.9	−3.1	82	21	62	29	14	40	35	35	61	1.29	−.8	12	8.6	se.	32	w.	1	8	11	12	6.1	.2	.0	0
Upper Mississippi Valley							59.2	−2.3									73	5.36	+1.3										7.2			
Minneapolis-St. Paul, Minn. [1]	919	32	61	28.94	29.93	−.01	55.6	−2.1	88	29	66	31	13	45	40	44	70	4.27	+.6	15	11.1	se.	37	w.	6	3	7	21	7.6	T	.0	7
Springfield, Minn	1,025	4	42	28.83	29.93	-----	55.0	-----	94	29	66	30	7	44	41	42	66	6.73	-----	15	-----	w.	-----	-----	-----	4	11	16	-----	T	.0	3
La Crosse [2]	714	11	48	29.17	29.95	+.01	55.4	−3.9	86	29	65	28	1	45	42	45	73	3.26	−.5	14	10.2	se.	45	e.	15	3	11	17	7.3	.0	.0	6
Madison [2]	974	70	78	28.92	29.97	+.01	55.2	−2.4	82	29	63	35	1	48	31	45	72	2.25	−1.6	16	8.5	sw.	28	sw.	5	1	10	20	7.9	.0	.0	7
Charles City	1,015	10	51	28.89	-----	-----	55.7	−2.1	90	29	66	30	1	46	39	-----	-----	2.45	−1.9	10	7.6	n.	26	sw.	15	7	10	14	6.2	.0	.0	2
Davenport [2]	606	66	161	29.32	29.98	+.03	59.0	−2.3	89	29	67	39	1	51	34	48	71	5.76	+1.8	17	10.8	ne.	27	se.	15	4	7	20	7.5	.0	.0	5
Des Moines [2]	860	5	99	29.03	29.95	+.02	58.3	−3.0	91	29	67	38	1	50	33	47	72	3.92	−.6	9	10.9	n.	33	sw.	5	5	8	18	6.9	.0	.0	4
Dubuque	699	60	79	29.22	29.97	+.02	57.6	−2.7	89	29	66	35	1	49	36	45	67	2.81	−1.4	15	6.6	s.	21	nw.	2	3	8	20	7.7	.0	.0	3
Burlington, Iowa [1]	702	6	35	29.20	29.96	+.02	58.6	−4.0	88	29	67	37	1	50	35	48	75	5.35	+1.2	19	9.4	n.	40	s.	2	5	7	19	7.1	.0	.0	6
Cairo	357	5	99	29.61	-----	-----	69.4	+1.0	91	5	78	48	1	60	36	-----	-----	6.11	+2.4	15	8.9	s.	28	sw.	6	2	11	18	7.6	.0	.0	10
Peoria [2]	609	11	45	29.32	29.98	+.02	58.8	−2.9	90	5	68	34	1	50	36	51	77	7.35	+3.3	15	10.0	sw.	35	w.	16	10	4	17	6.6	.0	.0	5
Springfield, Ill. [2]	636	5	191	29.29	29.97	+.02	62.2	−1.0	93	5	71	37	1	54	39	53	79	10.60	+6.2	13	11.4	s.	29	s.	15	6	6	19	7.5	.0	.0	7
St. Louis [2]	568	179	303	29.36	29.97	+.02	64.4	−2.6	92	5	72	43	1	57	38	55	76	10.2	+5.9	19	11.6	sw.	33	sw.	5	7	6	18	7.0	.0	.0	10
Missouri Valley							59.1	−2.3									69	6.09	+2.0										7.1			
Columbia, Mo. [2]	784	6	66	29.11	29.94	.00	63.0	−1.3	91	5	72	44	21	54	30	52	76	13.34	+8.9	19	7.7	s.	24	sw.	4	3	12	16	7.1	.0	.0	10
Kansas City [1]	963	38	76	28.92	29.95	+.03	62.6	-----	89	4	71	43	8	54	33	50	69	4.71	+.1	15	11.2	ne.	39	sw.	5	3	9	19	7.2	.0	.0	10
St. Joseph [2]	967	11	49	28.92	29.94	-----	61.0	−3.2	88	5	70	40	7	52	29	49	70	6.32	+1.6	15	9.2	s.	43	w.	15	10	9	12	5.7	.0	.0	7
Springfield, Mo. [1]	1,324	5	60	28.56	29.94	+.01	63.2	−.5	86	5	72	45	8	55	30	55	80	16.15	+11.0	20	11.1	s.	35	sw.	2	5	9	17	7.2	.0	.0	16
Topeka	987	65	87	28.89	29.94	-----	62.2	−2.1	92	4	71	42	8	53	36	50	72	4.93	+.4	17	9.7	n.	33	s.	5	7	5	19	6.9	.0	.0	7
Lincoln [2]	1,189	11	81	28.69	29.93	+.02	59.2	−2.5	91	29	70	35	12	49	36	45	66	3.43	−.6	10	10.2	s.	37	nw.	15	4	9	18	7.2	.0	.0	5
Omaha [1]	1,105	31	44	28.78	29.94	+.02	58.9	−3.5	93	29	68	37	8	50	34	47	70	4.27	+.5	12	12.5	s.	43	nw.	5	3	9	19	7.6	.0	.0	6
Valentine	2,598	46	54	27.26	29.97	+.07	53.5	−2.7	94	28	66	25	13	42	40	36	57	1.38	−1.4	7	9.8	n.	34	s.	1	4	7	20	7.4	T	.0	6
Sioux City [1]	1,138	5	27	28.73	29.94	+.02	57.3	−2.4	95	29	69	33	8	45	39	44	65	3.66	−.4	10	11.9	nw.	44	w.	31	3	12	16	7.4	T	.0	6
Huron [1]	1,301	5	41	28.55	29.94	+.02	53.5	−2.9	98	28	67	20	7	40	43	42	68	2.70	−.3	9	14.7	s.	46	s.	1	2	13	16	7.1	.0	.0	4
Northern Slope							51.2	−2.7									63	2.08	−0.2										7.2			
Billings [1]	3,570	18	39	26.29	29.94	-----	51.2	−4.9	85	27	61	26	12	41	35	34	59	1.24	-----	13	10.9	sw.	44	nw.	1	4	10	17	7.1	5.5	.0	6
Havre	2,507	11	67	27.33	29.96	+.06	51.8	−1.6	83	29	65	24	12	39	40	34	58	1.02	−1.0	9	8.3	sw.	31	nw.	1	2	16	13	7.0	T	.0	3
Helena [1]	4,124	5	35	25.79	29.90	+.06	49.0	−2.6	82	27	60	22	12	38	40	33	60	.67	−1.3	14	10.0	w.	39	w.	6	3	9	19	7.3	T	.0	7
Missoula [2]	3,205	80	91	26.65	30.03	-----	50.0	−2.8	77	20	61	30	13	39	37	35	66	1.93	.0	16	6.7	w.	25	w.	4	7	10	14	6.5	.9	.0	2
Kalispell	2,973	48	56	26.93	29.97	+.09	48.8	−2.6	73	29	59	26	12	39	31	35	64	1.16	−.3	10	6.1	w.	25	sw.	9	1	12	18	7.4	T	.0	3
Miles City [2]	2,371	48	55	27.46	29.95	+.04	53.8	−2.9	89	27	67	24	12	41	39	37	62	1.38	-----	10	-----	s.	-----	-----	-----	6	5	20	-----	.9	.0	3
Rapid City [2]	3,259	50	58	26.58	29.93	+.03	51.8	−2.2	93	28	65	22	12	39	45	35	60	1.89	−1.0	10	14.8	nw.	61	nw.	24	6	10	15	7.0	T	.0	5
Cheyenne [1]	6,094	5	39	23.96	29.90	+.05	47.2	-----	85	28	59	23	12	36	42	36	74	4.21	+1.8	17	10.3	nw.	42	w.	1	3	10	18	7.5	30.4	.0	4
Lander	5,352	60	68	24.61	29.88	.00	49.8	−1.4	85	28	62	23	9	37	39	32	57	1.82	−.4	8	5.9	sw.	27	w.	1	3	12	16	7.2	10.9	.0	2
Sheridan [2]	3,790	6	42	26.09	29.95	-----	49.6	−2.6	85	27	61	21	12	38	39	35	65	3.98	+1.3	15	9.4	nw.	45	nw.	1	3	9	19	7.6	11.0	.0	2
North Platte [2]	2,821	11	51	27.02	29.92	+.04	55.7	−3.0	92	29	68	29	12	44	48	41	67	2.04	−.7	11	8.0	s.	27	se.	14	4	7	20	7.5	.0	.0	6
Middle Slope							60.3	−2.8									71	6.76	+3.1										7.1			
Denver [2]	5,292	106	113	24.69	29.90	+.06	52.8	−3.4	85	28	64	30	12	42	39	37	66	3.22	+1.0	15	7.2	s.	32	nw.	6	4	8	19	7.4	2.0	.0	5
Pueblo [1]	4,690	5	36	25.23	29.86	+.03	56.2	−2.7	91	1	70	33	9	42	50	38	64	3.18	+1.6	15	8.3	e.	42	w.	4	3	9	19	7.3	1.0	.0	11
Concordia	1,392	50	58	28.49	29.95	+.04	59.6	−3.6	90	4	69	36	12	50	38	48	70	5.41	+1.2	12	8.6	ne.	26	nw.	5	5	7	19	7.2	.0	.0	6
Dodge City [1]	2,509	10	86	27.33	29.89	+.02	59.8	−3.7	95	31	72	34	8	47	46	46	69	1.13	−1.8	14	16.5	se.	47	n.	23	5	11	15	6.8	.0	.0	11
Wichita [1]	1,358	6	64	28.50	29.92	+.02	61.2	−3.9	90	4	70	41	12	52	36	51	76	6.59	+2.1	17	15.8	se.	47	s.	5	3	11	17	7.3	.0	.0	13
Oklahoma City [2]	1,214	10	47	28.64	29.89	.00	65.8	−1.9	94	2	75	44	13	57	34	55	75	9.76	+4.9	13	9.7	s.	26	s.	5	7	9	15	6.5	.0	.0	10
Tulsa	674	10	61	29.20	29.91	-----	66.9	−.4	94	2	76	46	1	58	35	58	77	18.00	+13.0	13	12.2	s.	43	s.	16	4	8	19	7.5	.0	.0	14

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 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.	%	In.	In.		Miles								0-10	In.	In.	
Southern Slope							70.2	−0.4									60	2.96	+0.3										5.5			
Abilene [1]	1,738	10	56	28.09	29.85	−.02	71.8	−.2	98	7	83	48	13	60	40	58	70	4.00	.0	11	11.4	s.	32	sw.	6	10	7	14	5.8	.0	.0	9
Amarillo [2]	3,676	10	49	26.21	29.86	−.02	62.2	−1.9	90	31	74	38	13	50	42	43	61	1.82	−1.0	9	16.9	se.	46	s.	25	10	8	13	5.4	.0	.0	12
Del Rio	960	63	71	28.85	29.80	−.05	78.6	+1.6	98	7	89	57	11	68	38	63	64	4.87	+2.0	10	11.5	se.	32	se.	9	7	11	13	5.9	.0	.0	10
Roswell	3,566	85	95	26.28	29.81	−.01	68.3	−1.1	95	2	84	43	16	53	49	39	45	1.17	+.1	6	9.0	s.	31	n.	24	13	8	10	4.8	.0	.0	7
Southern Plateau							72.8	+3.3									28	0.38	+0.2										2.8			
El Paso [1]	3,778	82	101	26.07	29.74	−.04	72.6	+2.6	97	26	88	44	10	57	42	32	29	T	−.3	0	12.1	sw.	45	sw.	14	16	11	4	3.2	.0	.0	4
Albuquerque [1]	5,314	5	45	24.66	29.74	------	65.8	+2.5	90	3	80	39	10	52	38	32	37	1.41	+.8	5	11.1	w.	46	w.	20	15	9	7	4.2	.0	.0	6
Phoenix [2]	1,107	39	87	28.63	29.74	−.04	79.0	+4.0	104	25	94	49	17	64	38	34	25	T	−.1	0	6.3	e.	28	sw.	14	22	5	4	2.7	.0	.0	2
Tucson [1]	2,555	5	23	27.23	29.75	------	76.3	----	101	26	93	47	17	59	43	27	19	.89	+.7	1	------	w.	----	------	---	21	5	5	2.7	.0	.0	1
Yuma	142	9	54	29.63	29.75	−.04	79.9	+3.7	108	25	97	50	17	62	44	41	32	.00	.0	0	6.7	s.	29	n.	8	28	3	0	1.0	.0	.0	0
Independence	3,957	5	26	25.93	29.89	−.05	66.8	+3.8	93	24	81	38	16	53	36	30	28	.00	−.2	0	------	n.	----	------	---	21	9	1	----	.0	.0	0
Middle Plateau							56.5	+0.9									43	0.38	−0.5										5.1			
Reno [2]	4,527	61	76	25.47	29.96	+.05	55.0	+.8	92	25	73	24	8	37	53	31	50	T	−.6	0	8.1	nw.	34	nw.	5	13	10	8	4.5	T	.0	0
Tonopah	6,090	9	20	24.02	29.86	------	56.8	+1.5	85	26	69	26	16	44	31	25	34	T	−.4	0	------	nw.	----	------	---	16	13	2	----	T	.0	0
Winnemucca	4,339	5	56	25.60	29.94	+.03	54.9	+1.0	89	27	70	27	8	40	44	30	46	.37	−.5	6	7.6	sw.	29	w.	10	10	14	7	4.7	T	.0	1
Modena	5,473	10	46	------	------	------	55.2	+1.7	85	26	72	26	19	38	45	----	----	.16	−.6	3	11.0	sw.	30	w.	7	14	10	7	4.5	.0	.0	3
Salt Lake City [1]	4,227	32	46	25.55	29.89	+.03	56.0	+.3	91	27	69	32	9	43	40	32	46	.68	−1.1	9	9.1	se.	30	n.	10	8	11	12	5.6	T	.0	5
Grand Junction	4,602	60	68	25.28	29.82	−.01	61.3	+.2	88	28	74	37	9	49	35	31	39	1.04	+.2	5	7.4	se.	31	nw.	16	7	12	12	5.9	T	.0	5
Northern Plateau							53.5	−2.3									56	0.75	−0.6										6.2			
Baker [2]	3,471	36	54	26.48	30.05	+.09	47.8	−3.9	78	26	60	23	12	36	39	35	68	.51	−1.0	10	6.3	n.	20	nw.	7	8	11	12	6.0	1.0	.0	2
Boise [1]	2,739	5	49	27.16	29.98	+.04	54.0	−2.1	83	27	67	27	11	41	35	34	52	.72	−.7	5	10.6	nw.	33	nw.	15	8	14	9	5.7	T	.0	2
Pocatello [1]	4,478	5	31	25.43	29.92	+.03	52.6	−.4	88	27	66	24	13	40	44	31	50	.84	−.9	9	12.1	sw.	34	sw.	5	10	11	10	5.6	T	.0	1
Spokane [1]	1,929	27	42	27.99	30.02	+.06	52.4	−3.1	79	25	64	31	12	41	35	37	62	1.19	−.2	13	7.6	sw.	33	n.	9	4	11	16	7.2	T	.0	2
Walla Walla	991	57	65	29.01	30.06	+.10	57.2	−2.4	83	24	67	36	12	48	30	----	----	1.06	−.6	11	6.8	s.	25	sw.	9	8	9	14	6.0	.0	.0	0
Yakima	1,076	58	67	28.90	30.04	------	57.0	−2.0	86	24	68	36	6	46	34	36	50	.17	−.5	6	7.0	nw.	22	w.	22	5	10	16	7.0	.0	.0	1
North Pacific Coast Region							54.1	−0.5									71	1.98	−0.3										6.4			
North Head	211	5	56	29.95	30.17	+.14	50.6	−.3	59	24	55	43	10	46	13	45	82	2.97	.0	17	14.5	n.	42	nw.	7	3	10	18	7.3	.0	.0	0
Seattle [2]	125	90	321	30.00	30.03	+.02	54.6	−2.0	75	24	62	42	10	47	25	42	68	1.77	−.1	14	8.9	s.	34	sw.	31	2	17	12	6.7	.0	.0	2
Tacoma	194	172	201	29.94	------	------	53.6	−.5	73	19	62	39	17	46	26	----	----	1.11	−1.0	11	9.1	sw.	29	sw.	9	9	12	10	5.6	.0	.0	3
Tatoosh Island	86	9	61	30.06	30.15	+.14	49.6	.0	59	24	53	41	10	46	13	44	82	3.60	−.4	19	10.4	w.	37	w.	9	3	10	18	7.5	.0	.0	0
Medford [1]	1,329	29	58	28.70	30.08	------	57.1	−1.1	92	24	71	33	14	43	46	39	60	.67	−.5	4	------	nw.	----	------	---	12	10	9	5.1	.0	.0	1
Portland, Oreg [2]	154	68	106	29.98	30.14	+.11	56.6	−.3	84	24	65	41	12	48	28	44	70	1.65	−.5	9	5.7	nw.	18	w.	10	6	13	12	6.4	.0	.0	2
Roseburg	510	45	76	29.60	30.14	+.11	56.7	+.7	88	24	69	35	14	44	39	42	64	2.06	+.1	9	4.5	n.	18	n.	7	6	11	14	6.2	.0	.0	0
Middle Pacific Coast Region							61.5	+1.8									62	1.30	0.0										4.2			
Eureka	60	72	88	30.10	30.15	+.10	51.7	−.3	64	24	56	42	11	48	17	47	84	4.25	+2.4	5	9.5	n.	29	n.	10	11	8	12	5.4	.0	.0	0
Redding [1]	722	20	34	29.21	29.96	------	68.2	+1.8	100	24	80	42	16	56	31	37	37	.66	−.9	2	9.5	nw.	26	nw.	14	14	8	9	4.6	.0	.0	0
Sacramento [2]	66	92	115	29.88	29.94	.00	67.4	+4.1	98	24	81	42	15	54	35	45	53	.14	−.6	1	9.0	s.	26	nw.	8	20	8	3	2.6	.0	.0	0
San Francisco	155	112	132	29.84	29.99	.00	58.6	+1.8	91	23	66	46	13	52	38	46	75	.13	−.7	2	9.9	w.	34	w.	14	13	11	7	4.1	.0	.0	0
South Pacific Coast Region							67.0	+3.6									59	T	−0.4										4.4			
Fresno [1]	327	5	35	29.57	29.90	−.02	70.4	+3.2	103	24	86	43	16	54	39	41	43	.00	−.4	0	8.2	nw.	27	n.	17	18	6	7	3.3	.0	.0	0
Los Angeles	338	223	250	29.58	29.92	−.03	65.5	+3.3	88	19	75	49	16	56	34	49	64	T	−.4	0	6.3	w.	23	w.	9	16	6	9	4.3	.0	.0	0
San Diego [1]	87	20	55	29.85	29.92	−.03	65.0	+4.2	87	19	73	50	18	57	32	53	70	.02	−.3	1	6.8	w.	17	nw.	9	7	12	12	5.7	.0	.0	0
West Indies																																
San Juan, P. R.	82	10	54	29.91	30.01	------	77.2	−1.4	83	30	80	69	1	74	12	71	80	8.24	+3.0	19	12.2	e	.30	e.	10	5	7	19	12.2	.0	.0	2
Panama Canal																																
Balboa Heights	118	6	92	------	[3] 29.82	.00	80.8	+.1	94	10	88	71	18	74	19	----	[3] 84	6.68	−1.4	19	4.8	nw.	24	s.	12	0	19	12	7.2	.0	.0	9
Cristobal	27	47	97	------	[3] 29.83	−.01	81.3	+.6	91	13	86	74	1	77	15	75	[3] 84	16.27	+3.8	21	7.4	n.	26	sw.	12	1	11	19	7.7	.0	.0	15
Alaska																																
Anchorage	135	36	47	------	[4] 29.97	------	46.1	+1.1	69	13	57	26	4	35	----	33	60	.64	+.1	3	5.8	nw.	24	s.	23	4	7	20	----	T	.0	0
Fairbanks	455	4	82	29.95	------	------	47.2	+.3	75	30	61	24	19	34	38	33	58	.43	−.2	8	7.3	w.	31	sw.	2	4	12	15	6.9	1.3	.0	3
Juneau	80	96	116	------	[4] 30.05	------	48.1	+.4	65	31	55	34	4	41	----	37	71	3.65	−1.6	17	6.3	se.	21	e.	21	3	6	22	----	.0	.0	0
Nome	43	25	51	29.94	------	------	37.3	−3.2	63	31	44	26	18	31	35	32	85	1.95	+1.3	14	8.4	w.	28	s.	23	2	8	21	7.7	5.7	.0	.0
Hawaiian Islands																																
Honolulu	38	86	100	29.96	30.00	−.04	76.0	+1.2	84	23	81	66	4	71	14	----	----	2.81	+1.1	16	8.6	ne.	23	ne.	3	7	18	6	5.2	.0	.0	3

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Alaska																																
Bethel	22	5	32	[4] 29.60	------	------	25.9	−1.7	52	29	34-12	5	18	36	20	75	.08	−.5	4	------	n.	----	------	---	7	6	17	6.5	.7	.0	0
Ketchikan	75	69	91	[4] 29.86	[4] 29.88	------	43.6	+1.0	71	27	50 31	26	37	35	37	80	13.97	+2.9	23	7.9	se.	27	s.	21	4	3	23	8.2	1.5	.0	0
Kotzebue	20	4	31	[4] 29.78	[4] 29.80	------	10.8	−3.7	42	11	22-44	5	−1	38	9	88	T	−.3	0	------	e.	33	w.	4	15	4	11	4.7	T	7.0	0
McGrath	331	4	31	[4] 29.30	[4] 29.67	------	28.0	----	59	28	40-24	1	16	43	18	63	.01	−.5	1	------	n.	25	sw.	15	7	6	17	6.6	.4	.0	0
Northway	----	5	32	[4] 27.86	------	------	29.5	----	62	29	44-13	1	15	42	18	65	.20	------	4	------	w.	----	------	---	7	13	10	6.0	.7	.0	0

[1] Data are airport records.
[2] Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.
[3] Observations taken bihourly.
[4] Pressure not reduced to a mean of 24 hours.
[5] Wind, clear, partly cloudy and cloudy data from city office records; other data from airport.
[6] Temperature, pressure (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.

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

SEVERE LOCAL STORMS, MAY 1943

NOTE: The data for May will be published in the June issue of the REVIEW.—ED.