CLIMATOLOGICAL DATA FOR APRIL 1946

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS

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

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

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

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

Section	Temperature								Precipitation					
	Section average	Departure from the normal	Monthly extremes						Section average	Departure from the normal	Greatest monthly		Least monthly	
			Station	Highest	Date	Station	Lowest	Date			Station	Amount	Station	Amount
	° F.	° F.		° F.			° F.		In.	In.		In.		In.
Alabama	67.0	+3.5	3 stations	91	[1] 7	Valley Head	30	13	3.02	−1.61	Brewton	8.80	Robertsdale	0.62
Arizona	63.2	+4.8	2 stations	105	[1] 17	Alpine	5	3	.82	+.14	Fort Valley	4.56	5 stations	.00
Arkansas	65.0	+3.4	do	94	1	2 stations	30	[1] 16	5.46	+.44	Abbott	12.14	Dermott	1.75
California	57.2	+1.2	Greenland Ranch	113	24	Tamarack	−8	2	.36	−1.32	Elk Valley	2.52	23 stations	.00
Colorado	49.8	+6.0	Eversoll Ranch	95	2	Taylor Park	−5	4	1.40	−1.42	Wolf Creek Pass	5.55	Monte Vista	.14
Florida	71.4	+1.5	La Belle	97	[1] 10	2 stations	40	[1] 14	1.22	−1.67	Hilliard	4.22	7 stations	.00
Idaho	47.5	+2.3	Lewiston	99	25	Spencer	2	1	1.00	−.44	Pierce	3.34	2 stations	.02
Illinois	56.0	+3.5	East St. Louis	92	1	Freeport	21	[1] 12	1.97	−1.59	Cairo	4.61	Galena	.33
Indiana	54.2	+2.3	4 stations	89	[1] 21	4 stations	23	[1] 12	1.72	−1.86	Vevay	2.88	Decatur	.26
Iowa	53.9	+5.1	Little Sioux	91	19	Decorah	15	27	1.23	−1.49	Tingley	4.06	Waukon	.30
Kansas	60.4	+5.6	Ashland	97	1	Oberlin	22	16	1.64	−1.04	Wagstaff	7.42	4 stations	T
Kentucky	59.6	+3.4	Pikesville	92	3	2 stations	24	13	2.13	−1.84	Benham	3.76	Valley View	.78
Louisiana	69.8	+2.7	2 stations	92	[1] 6	Robeline	38	[1] 13	3.21	−1.45	Arcadia	6.82	Amite	.63
Maryland-Delaware.	52.2	−.1	Fort George G. Meade, Md.	92	23	Oakland, Md	16	11	1.98	−1.51	Snow Hill, Md	4.43	Cumberland, Md	.46
Michigan	44.7	+1.9	6 stations	84	22	Kenton	8	10	.92	−1.43	Ontonagon	2.37	Stephenson	.11
Minnesota	47.6	+4.5	Winona	87	21	4 stations	14	[1] 6	1.14	−.95	Tower	3.29	Wells	.21
Mississippi	67.6	−3.0	2 stations	92	[1] 3	Holly Springs	34	13	2.27	−2.58	Holly Bluff	4.35	Pelahatchee	.09
Missouri	59.6	+4.3	do	94	1	Black (near)	25	17	3.37	−.66	Anderson	6.41	Tarkio	.44
Montana	47.5	+4.2	Jordan	90	26	Wise River	−5	2	.52	−.61	Belton	2.05	Harlowton	.04
Nebraska	56.1	+6.8	Alma	98	19	Gordon	20	11	.67	−1.73	Big Spring	2.30	2 stations	.00
Nevada	52.8	+4.7	Overton	102	24	Sheldon	7	30	.40	−.40	Lamoille	1.57	6 stations	.00
New England	42.4	−1.3	Adams, Mass	86	23	First Conn. Lake, N. H.	0	1	2.68	−.66	Eastport, Maine	6.35	Montpelier, Vt	1.43
New Jersey	50.1	+.3	3 stations	83	23	Layton	19	8	1.51	−2.10	Charlotteburg	2.63	Layton	.79
New York	43.9	−.3	Port Jervis	87	23	Lake Placid Club	6	1	1.84	−1.16	Stillwater Reservoir	3.61	Olean	.66
North Carolina	59.5	+1.5	Henderson	96	22	Mount Mitchell	16	13	3.89	+.31	McCullers	7.22	Hofmann Forest	1.72
North Dakota	48.2	+6.6	Sanish	87	30	Golva	9	8	.67	−.75	Lisbon	2.56	Tioga	T
Ohio	50.8	+1.0	Ironton	90	23	Mineral Ridge	18	11	1.63	−1.55	Higginsport	4.01	Tiffin	.55
Oklahoma	65.1	+4.6	Bartlesville	99	1	Hooker	26	11	2.85	−.65	Kiamichi Tower	9.38	Woodward	T
Oregon	47.7	+.5	2 stations	95	25	Olive Lake	5	1	1.01	−.95	Valsetz	8.08	Paisley	.00
Pennsylvania	47.7	−.9	4 stations	88	[1] 22	Kane	13	11	1.19	−2.22	Donegal	2.78	Lewistown	.49
South Carolina	63.8	+1.4	Walterboro	95	3	Walhalla	29	13	3.71	+.45	Trenton	6.50	Crescent	1.98
South Dakota	52.9	+6.9	3 stations	90	[1] 1	Ludlow	16	8	1.40	−.65	Spearfish	4.55	DeSmet	.25
Tennessee	62.0	+3.3	Carthage	91	21	Rugby	25	13	3.04	−1.36	Gatlinburg	5.88	Linden	1.53
Texas	69.6	+3.5	2 stations	103	[1] 1	Stratford	29	11	2.83	−.09	Big Wells	11.32	Pecos	.00
Utah	51.5	+4.3	St. George	100	25	Bryce Canyon	5	3	1.48	+.23	Alta	6.10	Castle Dale	T
Virginia	55.9	+1.3	2 stations	94	23	2 stations	23	13	2.64	−.63	Capron	5.09	Riverton	.66
Washington	48.1	−.5	Wawawai	96	25	Bumping Lake	14	7	2.37	+.17	Kelly's Ranch	14.43	2 stations	.00
West Virginia	53.2	+1.4	Williamson	92	22	2 stations	16	[1] 13	1.99	−1.52	Bluefield No. 2	4.88	Kearneysville	.44
Wisconsin	47.5	+3.8	El Dorado	86	1	do	9	10	.83	−1.66	Brule	2.70	High Falls	.14
Wyoming	47.7	+7.2	Basin	92	21	Lake Yellowstone	−3	10	.75	−.87	Clarkelen	1.93	Quaking Aspen Creek	.00
Alaska (March)	7.3	−6.2	View Cove	61	[1] 29	Hot Springs	−52	13	2.28	+.44	Little Port Walter	17.86	Wainwright	T
Puerto Rico	74.8	+.1	Ponce	94	[1] 7	Mameyes	50	27	3.77	−.23	Mona Island	9.89	Ponce	.46

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR APRIL 1946

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
NEW ENGLAND																																		
							42.9	−0.4										69	3.02	−0.1											6.6			
Eastport	75	67	85	1,009.5	1,012.5	−1.0	37.6	−1.4	61	24	43	14	1	32	25	819	31	78	6.35	+3.5	2.21	14	12.0	n.	39	e.	26	7	6	17	7.0	27.9	.0	0
Greenville, Maine	1,070	6	41	972.9	1,012.9	-----	35.5	−1.6	68	23	45	6	1	26	44	886	28	---	4.20	+1.3	1.18	14	----	n.	----	------	--	2	10	18	----	14.3	.0	0
Portland, Maine [1]	103	5	43	1,009.1	1,012.9	−1.7	40.4	−2.6	68	23	50	13	1	31	39	735	32	74	2.71	−.7	.80	11	9.9	nw.	31	s.	18	5	11	14	6.6	4.3	.0	1
Concord [1]	289	5	45	1,002.7	1,013.2	−2.4	42.2	+.6	74	23	54	10	1	30	48	684	32	68	2.99	+.2	1.09	11	9.5	nw.	30	nw.	20	2	14	14	6.8	2.5	.0	2
Burlington [1]	403	5	51	998.3	1,013.2	−2.4	42.0	−1.3	81	23	52	14	1	32	44	689	32	70	2.31	+.2	.59	14	10.2	nw.	34	s.	18	1	12	17	7.5	3.9	.0	1
Boston [1]	124	33	62	1,009.1	1,013.5	−1.4	46.2	−.2	66	2	54	24	1	39	33	565	32	62	2.62	−.7	.92	10	12.9	nw.	36	ne.	26	6	11	13	6.8	1.5	.0	1
Block Island	26	11	46	1,013.9	1,014.9	−.3	44.8	+.8	63	23	51	31	1	38	27	606	36	75	2.38	−1.2	1.12	13	16.2	nw.	42	nw.	5	9	7	14	5.7	.4	.0	1
Providence [2]	159	46	60	1,008.1	1,014.2	−1.0	47.6	+1.0	72	2	57	26	1	38	37	525	31	62	2.25	−1.0	1.00	12	10.3	nw.	34	sw.	15	6	11	13	6.5	.1	.0	2
Hartford [1]	159	5	44	1,014.2	1,014.6	−1.0	46.6	−.1	79	23	57	25	8	36	----	549	34	66	2.58	−.8	1.22	13	10.5	nw.	34	nw.	3	6	9	15	6.4	.9	.0	2
New Haven [1]	107	5	39	1,010.8	1,014.9	−.7	46.2	+1.3	73	2	56	30	1	37	36	567	34	64	1.85	−1.4	.87	12	8.7	nw.	25	se.	2	10	7	13	5.9	.4	.0	2
MIDDLE ATLANTIC																																		
							52.5	+1.2										62	1.71	−1.3											6.0			
Albany [1]	97	26	40	1,010.5	1,013.9	−2.0	44.8	+.4	80	23	55	21	1	34	40	608	32	64	1.50	−.7	.42	11	11.5	w.	38	w.	5	4	10	16	7.0	.2	.0	2
Binghamton [2]	871	60	79	985.1	1,017.6	−1.0	45.0	−.3	84	23	56	23	8	34	44	596	32	69	1.25	−1.2	.37	13	7.7	w.	24	w.	2	3	14	13	6.7	1.5	.0	2
New York	314	415	454	1,003.4	1,014.9	−1.0	49.8	+.4	75	23	58	34	11	41	33	457	33	58	1.28	−2.0	.63	11	17.8	nw.	63	nw.	3	10	7	13	5.5	T	.0	1
Harrisburg [1]	374	30	49	1,002.0	1,015.9	−.7	51.7	+.8	86	23	63	30	11	40	45	404	36	58	.57	−2.1	.23	8	9.5	nw.	33	n.	5	6	10	14	6.0	.0	.0	0
Philadelphia [1]	114	5	57	1,011.9	1,016.3	.0	52.8	+.7	82	23	62	36	11	44	35	366	36	60	1.46	−1.6	.82	7	8.7	nw.	26	nw.	3	8	10	12	5.8	.0	.0	2
Reading	323	47	306	1,004.1	1,016.3	-----	51.8	+1.0	85	23	62	32	11	41	40	399	----	---	.66	−2.6	.33	10	12.8	nw.	49	sw.	15	7	10	13	6.2	.0	.0	1
Scranton	805	72	104	986.1	1,015.9	+.4	47.4	−.7	84	23	58	25	8	37	38	528	---	---	1.02	−1.8	.34	12	8.2	nw.	27	nw.	16	8	11	11	6.1	1.0	.0	1
Atlantic City	52	37	172	1,013.9	1,015.9	.0	50.6	+2.8	80	2	58	34	11	43	33	432	39	70	1.89	−1.1	.99	8	16.5	s.	39	s.	2	5	11	14	6.5	.0	.0	1
Trenton	190	89	107	1,008.5	1,015.6	-----	51.0	+1.2	81	23	61	33	11	41	36	423	34	58	1.16	−1.8	.65	9	10.8	nw.	27	nw.	3	9	9	12	5.9	.0	.0	1
Baltimore [2]	123	100	215	1,011.9	1,016.3	.0	55.6	+2.0	84	2	65	37	11	46	33	290	38	58	1.56	−1.8	.77	9	11.3	nw.	34	sw.	6	9	11	10	5.5	.0	.0	1
Washington [2]	112	56	100	1,012.5	1,016.6	.0	56.0	+2.7	90	23	67	34	11	45	39	285	38	56	1.88	−1.4	1.20	8	8.5	nw.	26	nw.	16	6	11	13	6.0	.0	.0	1
Cape Henry	18	8	54	1,015.6	1,016.3	-----	57.4	+2.8	86	20	65	40	13	49	33	246	44	66	2.58	−.7	1.66	7	12.7	se.	31	n.	16	12	6	12	5.3	.0	.0	4
Lynchburg [1]	686	4	50	991.9	1,016.6	.0	57.3	+1.7	89	23	69	34	28	45	41	256	40	62	2.36	−.6	1.14	8	9.1	sw.	29	sw.	15	5	12	13	5.9	.0	.0	3
Norfolk [2]	91	80	125	1,013.5	1,016.9	+.6	58.1	+1.3	88	23	67	40	12	49	36	230	44	66	3.42	+.2	1.90	9	10.3	ne.	25	sw.	15	11	5	14	5.9	.0	.0	3
Richmond	144	11	52	1,010.8	1,015.9	−.7	58.2	+1.6	90	23	69	36	28	47	----	-----	41	61	3.07	−.4	1.53	9	8.6	sw.	30	sw.	15	11	7	12	5.2	.0	.0	2
SOUTH ATLANTIC																																		
							63.0	+1.7										70	3.59	+0.5											5.1			
Asheville	2,253	77	92	938.7	1,017.6	+.7	58.0	+4.1	87	2	70	31	13	46	38	228	42	66	3.09	+.1	1.17	13	8.2	nw.	30	nw.	5	7	8	15	6.4	T	.0	4
Charlotte [2]	779	63	86	989.5	1,018.0	+1.1	62.6	+2.8	90	3	74	38	13	51	34	141	46	68	3.65	+.3	1.52	11	7.6	sw.	23	sw.	15	7	7	16	6.2	.0	.0	2
Greensboro [1]	886	6	56	985.4	1,017.3	-----	59.0	+2.7	89	3	72	33	12	46	39	215	44	67	2.69	−.9	1.06	11	8.5	sw.	27	sw.	15	9	8	13	5.8	.0	.0	2
Hatteras	11	5	50	1,016.6	1,017.3	+1.0	57.5	−2.3	75	24	63	45	12	52	18	234	52	86	3.05	−.5	1.40	8	14.0	ne.	40	n.	12	14	5	11	5.1	.0	.0	1
Raleigh [1]	376	5	69	1,003.4	1,016.9	.0	60.0	+.6	91	3	72	36	18	48	37	197	46	68	6.32	+2.8	2.00	12	7.6	sw.	28	w.	2	12	8	10	5.1	.0	.0	4
Wilmington	72	73	107	1,014.9	1,017.3	+.4	62.0	.0	89	3	72	40	13	52	30	139	52	76	3.52	+.9	2.30	7	10.3	sw.	41	nw.	26	12	9	9	4.8	.0	.0	3
Charleston [2]	48	11	92	1,016.3	1,018.0	+1.1	66.4	+1.9	92	3	75	47	13	58	28	63	54	77	2.80	+.3	1.67	7	10.1	sw.	30	ne.	21	16	7	7	4.1	.0	.0	2
Columbia, S. C. [2]	347	70	91	1,005.1	1,017.6	+.7	64.8	+1.5	91	3	76	39	13	53	36	98	49	64	3.71	+.8	1.76	8	8.7	sw.	26	ne.	16	13	7	10	4.9	.0	.0	3
Greenville, S. C. [1]	1,040	18	36	980.4	1,017.3	-----	61.7	+3.1	88	20	73	37	13	50	35	149	46	66	3.52	−.2	1.50	8	9.2	sw.	38	ne.	16	10	10	10	5.3	.0	.0	2
Augusta [2]	182	62	77	1,011.2	1,017.6	+.7	65.8	+1.6	91	3	78	39	13	54	35	77	49	64	6.10	+3.0	2.48	9	6.2	s.	19	s.	16	12	11	7	4.5	.0	.0	5
Savannah [4]	65	73	152	1,015.9	1,018.3	+1.4	67.8	+3.5	90	3	79	45	28	57	35	41	54	70	1.96	−.6	1.07	7	10.5	sw.	36	sw.	25	11	14	5	4.6	.0	.0	4
Jacksonville [2]	43	86	110	1,017.3	1,018.6	+1.3	69.8	+1.1	89	10	79	51	18	60	28	20	58	74	2.70	+.3	1.27	5	9.0	w.	23	w.	26	16	11	3	4.1	.0	.0	4
FLORIDA PENINSULA																																		
							74.4	+0.9										76	0.78	−1.4											4.0			
Key West [2]	21	10	64	1,016.6	1,017.3	+.7	77.5	+1.8	85	25	83	66	6	72	16	0	68	77	1.37	+.1	1.10	6	9.5	e.	26	w.	26	15	11	4	4.0	.0	.0	2
Miami [2]	25	242	249	1,016.9	1,017.6	+.7	73.2	−.7	86	12	78	60	27	68	20	0	64	75	.60	−2.8	.47	5	14.5	e.	35	w.	17	13	15	2	4.0	.0	.0	1
Tampa [1]	35	6	43	1,017.3	1,018.3	+.3	72.6	+1.7	87	23	82	55	13	63	27	0	61	75	.37	−1.6	.37	1	10.2	nw.	40	sw.	25	15	10	5	4.1	.0	.0	0
EAST GULF																																		
							67.8	+3.2										74	2.15	−2.1											4.8			
Atlanta [1]	1,173	33	72	976.3	1,018.0	+1.1	64.1	+3.0	87	23	75	38	13	53	32	102	50	67	2.98	−.7	1.26	9	10.4	nw.	40	nw.	10	8	13	9	5.3	.0	.0	6
Macon [2]	370	79	87	1,004.4	1,017.6	+.7	65.9	+2.0	87	3	78	39	13	54	36	75	51	66	2.23	−.9	.78	10	6.2	s.	23	nw.	26	10	12	8	4.8	.0	.0	7
Apalachicola	35	11	51	1,017.3	1,018.3	-----	69.7	+2.6	83	9	77	50	13	62	21	10	61	80	.46	−2.3	.27	2	9.0	w.	24	e.	22	13	11	6	4.3	.0	.0	2
Pensacola	56	54	79	1,016.6	1,019.0	+2.4	69.8	+3.1	85	9	77	51	13	63	22	13	60	78	.52	−3.5	.43	3	8.3	w.	21	se.	30	15	9	6	4.3	.0	.0	0
Anniston	741	9	----	------	------	-----	65.5	+4.3	86	23	78	36	13	53	36	73	----	---	3.36	−1.0	1.36	8	----	nw.	--	------	--	16	5	9	----	.0	.0	5
Birmingham [1]	700	5	62	993.2	1,018.0	+1.4	65.0	+3.3	87	7	78	34	13	52	37	83	52	70	1.54	−3.3	.80	7	7.9	sw.	26	nw.	26	8	12	10	5.4	.0	.0	4
Mobile [2]	57	86	161	1,016.6	1,018.6	+2.0	69.8	+3.5	87	10	79	46	13	61	27	15	59	80	1.06	−3.6	.66	4	7.2	s.	24	n.	26	14	8	8	4.5	.0	.0	2
Montgomery [2]	218	92	105	1,010.2	1,018.0	+1.1	68.6	+3.3	87	9	79	44	13	58	30	36	55	74	2.68	−1.6	1.28	6	6.9	sw.	21	n.	10	17	6	7	4.3	.0	.0	5
Meridian [2]	375	67	92	1,004.7	1,018.3	+1.7	67.6	+3.6	86	8	79	39	13	56	33	44	55	74	1.68	−3.1	.64	6	6.5	sw.	26	w.	11	12	11	7	4.7	.0	.0	2
Vicksburg [2]	247	82	102	1,008.5	1,017.6	+1.7	69.1	+3.5	86	1	79	47	12	60	28	27	57	78	3.97	−1.2	1.35	7	8.6	s.	32	ne.	11	10	9	11	5.3	.0	.0	4
New Orleans [4]	53	50	84	1,015.9	1,018.0	+2.1	71.4	+3.6	88	10	80	56	19	63	26	1	62	76	3.16	−2.1	1.25	5	6.5	se.	17	nw.	25	7	16	7	5.5	.0	.0	4
WEST GULF																																		
							70.2	+3.2										74	4.50	+0.7											6.1			
Shreveport [1]	249	5	64	1,007.8	1,016.6	+1.7	69.5	+4.7	88	8	80	45	18	59	30	30	58	73	5.32	+.7	2.26	8	9.7	s.	31	se.	16	6	10	14	6.3	.0	.0	7
Fort Smith	463	57	82	999.3	1,015.6	+1.0	65.3	+3.5	92	1	77	39	17	54	38	75	53	70	6.77	+2.8	2.10	8	7.5	ne.	25	sw.	1	11	5	14	5.8	.0	.0	3
Little Rock [1]	357	26	58	1,004.1	1,016.9	+1.7	65.6	+3.5	89	1	76	40	13	55	36	75	53	69	4.81	−.4	2.53	7	8.9	sw.	34	n.	15	10	10	10	5.7	.0	.0	8
Austin [1]	605	10	41	994.6	1,015.9	-----	69.8	+2.0	88	7	80	46	18	60	31	13	58	71	7.92	+3.6	3.84	8	10.1	s.	32	nw.	30	7	8	15	6.5	.0	.0	10
Brownsville [1]	57	5	54	1,012.2	1,014.2	-----	75.2	+1.5	88	8	84	56	18	67	26	0	67	83	5.85	+4.1	2.54	5	12.8	se.	40	se.	30	4	13	13	6.1	.0	.0	7
Corpus Christi [1]	20	4	33	1,014.9	1,015.6	+1.4	73.3	+4.3	87	10	81	55	18	65	26	1	64	80	3.97	------	2.22	4	12.6	se.	31	n.	30	2	16	12	6.4	.0	.0	4
Dallas [1]	512	5	45	997.3	1,019.0	-----	69.6	+4.5	94	6	81	46	12	58	33	22	56	69	2.96	−1.3	1.29	4	12.1	s.	33	n.	29	7	12	11	6.0	.0	.0	4
Fort Worth [1]	679	40	56	991.5	1,015.9	+2.0	68.4	+4.3	94	6	79	44	12	57	28	28	56	70	2.49	−1.5	1.45	6	12.6	s.	45	nw.	15	11	5	14	5.8	.0	.0	3
Galveston [2]	54	106	114	1,015.2	1,016.9	+2.0	71.8	+3.1	83	26	76	59	17	68	20	1	64	82	2.17	−.9	1.21	4	11.4	s.	27	s.	30	8	13	9	5.6	.0	.0	3
Houston [2]	138	157	190	1,011.9	1,016.9	-----	71.7	+2.4	89	8	80	52	18	63	25	3	60	76	3.15	−.4	2.23	4	11.1	se.	40	nw.	30	3	16	11	6.3	.0	.0	4
Palestine	510	64	72	998.6	1,016.6	+2.0	69.2	+3.2	86	1	79	47	18	60	28	29	56	69	4.33	−.1	1.53	7	7.8	s.	21	s.	3	6	10	14	6.2	.0	.0	3
Port Arthur [2]	34	59	134	1,015.6	1,016.9	-----	71.6	+3.1	84	10	78	52	18	65	25	4	61	80	2.75	−.2	1.64	5	13.1	s.	47	se.	16	5	15	10	6.0	.0	.0	3
San Antonio [1]	693	8	51	991.2	1,015.9	+2.4	71.1	+2.0	93	7	83	45	17	60	34	8	58	71	5.54	+2.4	2.77	8	9.3	se.	35	w.	30	6	7	17	7.0	.0	.0	7
OHIO VALLEY AND TENNESSEE																																		
							56.6	+2.7										67	2.35	−1.4											6.2			
Chattanooga [1]	762	6	66	990.2	1,017.6	+.7	62.4	+4.8	87	20	75	34	13	50	41	119	51	74	3.19	−1.7	1.00	10	7.6	s.	31	nw	26	6	10	14	6.0	.0	.0	3
Knoxville [1]	995	27	53	982.1	1,018.0	.0	61.6	+4.3	88	21	73	33	13	50	36	145	48	66	4.10	.0	1.45	13	8.2	sw	38	sw	8	9	11	10	5.7	.0	.0	6
Memphis [4]	399	5	86	1,003.1	1,017.3	+1.4	65.7	+3.9	87	7	77	38	13	55	34	79	54	73	4.90	+.1	1.46	10	8.6	s.	25	nw.	11	11	8	11	5.5	.0	.0	6
Nashville [1]	546	2	72	997.6	1,017.6	+1.3	62.6	+3.6	87	2	74	35	13	51	37	132	48	66	3.45	−.7	1.32	10	9.1	s.	29	nw.	11	9	11	10	5.4	.0	.0	3
Lexington [1]	989	4	28	981.4	1,018.0	+1.4	56.9	+2.6	86	23	68	32	17	46	36	275	42	66	.79	−2.7	.35	7	----	sw.	--	------	--	10	9	11	5.7	.0	.0	2
Louisville [1]	525	106	120	998.3	1,017.3	+1.0	58.0	+3.2	86	2	69	31	13	47	38	244	43	63	2.39	−1.5	.77	9	9.5	n.	34	nw.	26	8	8	14	6.1	.0	.0	4

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR APRIL 1946—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature: Departure from normal	Temperature: Maximum	Temperature: Date	Temperature: Mean maximum	Temperature: Minimum	Temperature: Date	Temperature: Mean minimum	Temperature: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
OHIO VALLEY AND TENNESSEE—Con.																																		
Evansville [1]	431	11	40	1,001.7	1,017.3	+1.4	59.0	+4.1	84	22	70	32	13	48	38	218	46	68	2.16	−1.7	.51	10	9.3	s.	34	nw.	26	7	11	12	5.8	.0	.0	5
Indianapolis [1]	823	5	54	987.5	1,017.3	+1.4	53.0	+2.2	84	22	65	30	12	41	39	372	39	64	1.07	------	.49	6	10.9	sw.	40	sw.	1	7	9	14	6.4	T	.0	0
Terre Haute [2]	575	68	149	997.0	1,018.3	-----	56.4	+2.7	85	3	67	31	12	46	33	282	42	65	1.87	−1.8	1.11	8	10.4	n.	34	nw.	4	7	10	13	6.1	T	.0	4
Cincinnati [2]	627	11	51	994.9	1,017.6	+1.3	56.8	+4.4	87	22	68	34	27	46	37	275	43	70	2.32	−.8	.70	8	7.5	e.	30	nw.	4	5	9	16	6.6	T	.0	4
Columbus [2]	822	90	110	987.8	1,018.0	+1.4	52.2	+1.0	84	22	62	32	11	42	39	390	39	68	1.72	−1.2	.32	12	10.0	n.	46	sw.	4	5	10	15	6.6	.2	.0	2
Dayton [1]	1,003	6	55	981.4	1,018.0	-----	51.4	+.9	82	22	63	29	12	40	38	408	39	67	1.35	−1.8	.67	9	11.7	nw	45	w.	4	5	10	15	6.7	.8	0	2
Elkins [1]	1,947	4	45	947.9	1,017.6	+.7	49.0	+1.6	80	22	62	24	11	36	49	485	38	71	1.93	−1.7	.56	14	8.1	nw.	35	w.	4	5	8	17	6.8	2.3	.0	2
Parkersburg	637	77	84	994.2	1,017.6	+.7	54.3	+.9	84	22	66	30	13	43	42	335	37	57	1.63	−1.6	.71	12	7.0	nw.	30	nw.	4	4	9	17	6.8	.0	.0	3
Pittsburgh [1]	842	39	54	986.5	1,017.3	+.7	50.0	+.8	81	22	61	28	11	39	39	451	36	64	1.15	−1.8	.54	9	10.9	nw.	44	w.	4	4	12	14	6.7	T	.0	3
LOWER LAKES																																		
							46.2	+1.3										65	1.23	−1.3											6.0			
Buffalo [1]	768	34	96	987.5	1,015.9	−.4	44.4	+.6	73	23	55	26	11	34	37	620	32	64	1.27	−1.3	.52	8	14.2	sw.	44	w.	4	9	9	12	5.7	T	.0	1
Canton	448	10	61	997.3	1,013.5	-----	42.2	+.3	82	23	52	18	1	32	33	688	30	64	2.04	−.1	.57	15	8.8	w.	30	w.	18	2	12	16	7.3	1.6	.0	1
Oswego	335	71	85	1,001.7	1,014.2	−2.1	43.1	+.5	82	23	51	27	1	36	37	657	32	68	1.10	−1.2	.42	13	10.5	w.	28	n.	26	9	10	11	5.7	.7	.0	1
Rochester [1]	523	5	69	996.3	1,015.9	−.4	44.4	+.9	82	23	55	25	11	34	43	618	32	64	1.41	−.9	.64	9	12.7	nw.	50	w.	4	8	13	9	5.9	.5	.0	1
Syracuse [1]	596	5	57	993.6	1,015.6	−.7	44.4	+1.4	84	23	56	24	8	33	43	618	32	66	2.14	−.3	.83	12	11.9	w.	36	w.	6	2	12	16	7.0	2.4	.0	2
Erie [2]	714	57	81	990.9	1,016.9	+.3	46.8	+1.7	78	22	56	29	11	38	33	549	36	72	1.31	−1.4	.93	9	9.0	w.	26	sw.	2	8	13	9	5.3	T	.0	0
Cleveland [1]	762	27	54	989.2	1,017.3	+.7	48.4	+2.2	83	22	60	26	17	37	40	497	34	59	1.18	−1.3	.51	7	11.7	n.	44	w	14	6	13	11	6.0	T	.0	2
Sandusky	629	5	67	994.2	1,017.6	+1.0	49.8	+2.6	81	22	59	30	28	40	37	465	----	---	.75	−1.8	.30	10	10.1	e.	28	w.	4	9	12	9	5.2	.0	.0	0
Toledo [1]	628	5	47	994.2	1,017.6	+1.3	47.8	+1.6	82	22	61	23	28	35	41	513	34	62	.84	−1.8	.33	10	12.5	sw.	36	sw.	4	6	11	13	6.1	.0	.0	0
Fort Wayne [1]	857	5	33	986.1	1,017.6	-----	49.0	+.3	83	22	62	27	28	36	44	481	36	66	.72	−2.4	.33	13	9.6	nw.	35	w.	4	6	8	16	6.5	.0	.0	0
Detroit [1]	730	5	78	990.5	1,017.3	+.7	47.8	+2.2	81	22	58	26	11	37	40	517	35	62	.74	−1.7	.37	7	11.1	nw.	42	nw.	2	8	10	12	5.8	.0	.0	1
UPPER LAKES																																		
							44.6	+3.3										66	0.93	−1.5											5.6			
Alpena	609	5	89	993.9	1,016.6	.0	41.3	+2.7	68	2	50	24	10	33	32	712	30	70	1.08	−1.2	.51	10	13.3	nw.	45	nw.	2	7	15	8	5.5	3.1	.0	3
Escanaba	612	51	72	994.2	1,017.6	+1.0	41.3	+3.4	67	23	50	24	7	33	28	714	30	70	.39	−1.8	.17	7	12.1	s.	42	nw.	15	8	14	8	5.5	T	.0	0
Grand Rapids [2]	707	70	244	991.2	1,017.3	+.7	49.0	+2.0	82	22	60	26	10	38	42	487	32	62	1.03	−1.7	.56	10	12.5	sw.	37	sw.	4	12	11	7	5.0	T	.0	1
Lansing [2]	878	5	90	984.8	1,017.3	-----	46.8	+1.2	81	22	58	25	10	35	42	545	33	60	.82	−1.8	.32	9	9.9	sw.	30	nw.	2	10	8	12	5.6	.0	.0	3
Marquette	734	44	73	989.2	1,016.9	+.3	41.9	+4.1	83	22	50	23	11	33	40	695	30	64	.65	−1.8	.37	9	9.8	n.	34	w.	22	7	8	15	6.2	2.6	.0	3
Sault Sainte Marie.[1]	614	11	52	993.6	1,016.6	+.3	37.7	+1.2	77	22	47	17	10	28	35	817	28	74	1.34	−.8	.33	10	13.2	nw.	38	nw.	2	5	14	11	6.1	6.1	.0	3
Chicago [1]	673	5	36	992.9	1,018.0	+2.1	51.1	+4.2	85	22	62	28	12	40	42	421	37	63	1.28	−1.3	.64	8	10.7	ne.	33	w.	4	9	10	11	5.8	.0	.0	1
Green Bay	617	5	32	994.2	1,016.9	+.6	46.8	+3.6	82	22	58	25	10	35	39	549	32	62	.67	−2.0	.34	7	10.1	n.	36	sw.	2	7	15	8	5.4	.0	.0	1
Milwaukee [1]	681	33	66	992.2	1,017.6	+2.0	47.2	+5.0	82	22	58	28	12	37	43	540	34	64	.94	−1.7	.30	9	14.1	sw.	49	sw.	4	10	10	10	5.3	.0	.0	1
Duluth [2]	1,133	5	47	974.6	1,016.9	+.6	42.8	+5.8	74	17	53	23	27	33	43	668	29	68	1.08	−1.0	.45	9	12.2	ne.	38	w.	17	9	12	9	5.3	3.3	.0	2
NORTH DAKOTA																																		
							48.9	+8.4										58	0.68	−0.9											5.4			
Fargo [1]	940	6	47	981.4	1,015.9	+.3	47.4	+6.8	82	30	60	23	6	35	42	534	32	64	1.10	−1.1	.73	6	14.2	n.	40	w.	2	10	16	4	4.7	7.4	.0	1
Bismarck [1]	1,677	5	43	955.0	1,015.2	+.3	50.6	+10.2	84	30	65	26	9	36	46	433	32	55	1.04	−.5	.60	6	12.8	nw.	43	se.	30	7	15	8	5.7	2.7	.0	1
Devils Lake	1,478	11	44	961.7	1,015.9	+.3	47.1	+8.3	80	30	59	22	9	35	38	537	30	57	.23	−1.3	.09	5	10.3	se.	33	nw.	17	12	12	6	5.0	.6	.0	1
Grand Forks [1]	832	4	41	985.4	1,016.6	-----	46.0	------	84	30	59	22	9	33	44	572	32	66	.28	------	.19	3	----	s.	--	------	--	9	12	9	----	3.2	.0	1
Williston	1,878	42	50	946.8	1,014.2	+.4	50.4	+8.4	83	30	64	18	8	37	43	439	28	48	.35	−.8	.24	2	8.9	se.	35	w.	1	5	12	13	6.1	T	.0	2
UPPER MISSISSIPPI																																		
							54.9	+4.8										62	1.58	−1.4											5.7			
Minneapolis-St. Paul.[1]	919	43	74	982.1	1,015.9	+.3	51.1	+4.7	83	30	62	26	9	40	31	422	34	58	.66	−1.6	.31	6	12.1	nw.	43	w.	1	7	15	8	5.7	.1	.0	0
Springfield, Minn.	1,025	4	42	979.0	1,016.6	-----	52.0	------	81	29	64	25	6	40	39	394	34	59	.54	------	.29	5	----	nw.	--	------	--	7	15	8	----	T	.0	0
La Crosse [1]	714	5	29	990.5	1,016.6	+1.4	50.4	+4.8	81	21	63	23	16	38	35	441	34	61	.80	−1.6	.37	5	10.4	se.	38	w.	4	11	9	10	5.3	T	.0	3
Madison [2]	974	70	78	981.7	1,017.3	+1.7	50.4	+5.0	80	1	61	29	10	40	41	446	34	61	.90	−1.9	.51	9	9.1	sw.	27	w.	4	9	12	9	5.6	.0	.0	1
Charles City	1,015	10	51	980.7	1,018.0	+2.8	52.2	+5.8	83	21	65	29	9	39	42	386	----	---	.56	−2.0	.20	5	7.4	se.	27	sw.	3	12	10	8	4.7	T	.0	3
Moline [1]	606	6	50	995.3	1,018.0	+2.8	53.5	+4.7	84	21	66	27	12	42	39	357	38	58	.68	−2.0	.26	10	11.1	e.	41	w.	3	6	10	14	6.2	T	.0	1
Des Moines [2]	860	5	99	986.1	1,017.3	+2.4	56.0	+5.9	83	19	67	31	12	45	33	282	40	65	1.32	−1.6	.56	7	10.7	n.	37	sw.	3	11	6	13	5.6	.8	.0	4
Dubuque	699	60	79	991.9	1,017.3	+2.1	54.0	+5.4	83	19	65	31	5	43	33	339	36	58	.85	−2.0	.54	7	6.6	s.	23	nw.	4	9	10	11	5.6	.1	.0	3
Burlington [1]	702	4	36	991.9	1,017.6	+2.4	45.5	+3.1	83	1	66	28	12	43	34	332	41	66	1.58	−1.6	.57	12	11.3	nw.	40	w.	3	5	9	16	6.2	5.2	.0	4
Cairo	357	5	99	1,004.4	1,017.3	+1.7	63.5	+4.4	86	22	74	38	12	53	35	114	----	---	4.61	+.9	1.46	13	9.6	sw.	31	sw.	1	10	8	12	5.5	.0	.0	6
Peoria [1]	609	6	26	995.6	1,017.6	+2.0	54.2	+4.3	83	21	65	28	12	43	33	343	38	60	1.55	−1.8	.77	8	11.0	e.	34	w.	3	7	9	14	6.3	T	.0	3
Springfield, Ill.[2]	636	5	191	994.2	1,017.3	+2.1	57.4	+4.7	87	1	68	32	12	47	34	257	42	67	2.54	−1.0	.62	8	11.8	e.	33	nw.	4	8	4	18	6.5	1.0	.0	2
St. Louis [2]	568	35	303	996.6	1,016.9	+1.7	61.1	+5.0	91	1	71	35	12	52	----	178	----	64	2.85	−1.0	1.69	8	11.6	ne.	36	sw.	1	9	8	13	----	.0	.0	1
MISSOURI VALLEY																																		
							57.6	+6.3										62	2.10	−0.8											5.5			
Columbia, Mo.[2]	784	6	66	988.5	1,016.9	+1.7	59.5	+4.7	88	1	71	31	12	48	34	206	44	66	3.00	−.8	.81	10	7.5	e.	28	sw.	1	16	7	7	4.3	.0	.0	3
Kansas City [1]	963	39	76	981.4	1,016.3	+1.7	60.5	+5.7	86	1	70	33	12	51	30	183	44	62	4.57	+1.0	1.97	8	10.5	ne.	37	s.	2	11	4	15	5.9	.0	.0	3
St. Joseph [2]	967	11	49	981.4	1,016.3	-----	58.8	+5.3	83	20	68	33	12	49	33	213	45	68	1.79	−1.4	.54	8	8.5	e.	37	w.	3	15	9	6	4.1	.0	.0	3
Springfield, Mo.[1]	1,324	5	67	969.2	1,016.6	+1.7	60.6	+5.4	92	1	72	31	12	50	36	176	46	68	4.00	+.1	1.46	10	12.4	s.	42	sw.	1	8	4	18	6.3	.0	.0	4
Topeka	987	65	87	980.7	1,016.3	-----	59.8	+5.1	86	19	70	34	12	49	32	187	45	64	3.19	+.4	1.18	8	8.8	s.	29	w.	3	10	3	17	6.3	.0	.0	2
Lincoln [2]	1,189	11	81	973.2	1,015.9	+2.0	58.8	+7.3	89	19	71	32	9	47	38	217	40	60	.50	−2.0	.45	3	9.5	n.	43	nw.	3	12	6	12	5.6	.0	.0	0
Omaha [1]	1,105	5	68	976.3	1,016.3	+2.1	57.7	+6.7	89	19	70	32	12	46	41	242	40	60	.58	−1.9	.48	4	12.0	n.	47	w.	3	11	6	13	5.8	.0	.0	2
Valentine	2,598	46	54	923.8	1,015.2	+1.3	54.2	+8.5	85	20	68	30	15	41	39	325	33	53	1.58	−.3	.46	9	9.8	n.	29	nw.	3	13	9	8	5.0	.5	.0	4
Sioux City [1]	1,138	5	40	974.9	1,015.9	+1.7	54.2	+7.0	86	19	68	27	9	41	39	339	38	62	1.05	−1.6	.47	6	11.7	n.	54	w.	3	10	8	12	5.7	.0	.0	6
Huron [1]	1,301	5	41	968.5	1,015.6	+1.0	52.4	+7.3	83	21	67	26	9	38	43	386	35	58	.70	−1.5	.49	5	13.6	se.	36	nw.	1	8	13	9	5.7	T	.0	1
NORTHERN SLOPE																																		
							50.3	+6.3										52	0.72	−0.8											6.4			
Billings [1]	3,570	16	40	890.6	1,014.2	-----	52.8	+6.8	85	26	67	28	10	39	39	367	32	48	.28	------	.19	4	10.9	sw.	40	nw.	30	5	11	14	6.4	T	.0	1
Havre	2,507	11	67	925.2	1,014.2	+.7	50.6	+6.9	88	26	65	24	5	36	46	434	28	47	.43	−.6	.23	6	10.6	sw.	42	sw.	6	3	13	14	6.7	T	.0	0
Helena [1]	4,124	5	43	873.4	1,015.9	+1.0	48.0	+4.5	85	25	63	17	7	33	47	506	28	50	.33	−.8	.24	5	10.1	w.	37	w.	26	2	13	15	7.1	T	.0	1
Missoula [1]	3,263	4	32	903.5	1,018.6	-----	46.3	+2.4	85	25	61	20	7	32	48	558	30	60	.33	−.6	.16	8	6.9	nw.	38	nw.	29	3	8	19	7.4	T	.0	0
Kalispell	2,973	48	56	912.3	1,016.3	+1.7	45.4	+1.8	79	25	56	25	7	35	39	584	31	60	.51	−.3	.25	7	6.2	sw.	29	sw.	26	2	12	16	7.3	T	.0	1
Miles City [1]	2,371	5	78	930.2	1,014.2	−.4	53.3	------	86	26	68	23	8	39	46	356	32	52	.63	------	.24	8	----	nw.	--	------	--	7	8	15	6.3	.0	.0	1
Rapid City [1]	3,259	5	63	901.5	1,015.2	+1.0	52.3	+8.2	82	18	67	26	8	38	44	380	32	51	2.31	+.9	1.23	6	15.7	nw.	52	nw.	27	6	14	10	5.8	6.8	.0	2
Cheyenne [1]	6,094	5	40	813.1	1,014.2	+1.3	49.0	+8.1	78	26	63	27	4	35	40	483	30	54	.35	−1.6	.13	7	11.1	nw.	38	nw.	3	3	19	8	6.0	1.6	.0	4
Lander	5,352	60	68	834.7	1,013.9	.0	49.8	+7.4	81	25	65	21	4	34	42	459	26	44	.47	−1.6	.37	3	6.7	sw.	30	sw.	5	9	16	5	5.1	T	.0	0
Sheridan [1]	3,790	5	38	883.8	1,014.9	-----	52.4	+9.1	87	26	66	28	8	39	43	378	30	48	1.10	−.8	.53	4	9.5	nw.	44	nw.	21	5	13	12	6.1	T	.0	1
North Platte [2]	2,821	11	51	916.4	1,014.9	+1.7	56.7	+8.1	86	19	70	31	11	43	38	263	36	56	.63	−1.4	.48	4	8.1	se.	28	nw.	3	3	14	13	6.5	.3	.0	2

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR APRIL 1946—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
MIDDLE SLOPE							60.6	+6.5										58	1.87	-0.7											5.5			
Denver [2]	5,292	106	113	837.5	1,013.2	+.7	56.4	+9.3	79	13	69	33	8	44	34	265	30	46	1.33	-.7	.59	6	7.3	s.	27	w.	3	8	17	5	4.8	T	.0	2
Pueblo [1]	4,690	5	36	856.4	1,013.9	+2.0	57.6	+8.2	84	26	75	25	11	41	49	223	32	50	2.82	+1.5	1.06	5	9.7	nw.	49	sw.	2	8	14	8	5.2	.0	.0	5
Concordia	1,392	50	58	966.1	1,015.9	+2.4	59.0	+5.5	88	19	71	35	9	47	35	206	41	58	.94	-1.4	.44	5	8.2	s.	33	w.	3	11	7	12	5.5	.0	.0	2
Dodge City [1]	2,509	5	58	927.2	1,014.6	+2.1	60.1	+6.5	88	19	75	31	11	46	38	171	42	58	.36	-1.6	.31	4	15.8	ne.	40	sw.	13	11	3	16	5.8	.0	.0	5
Wichita [1]	1,358	6	64	967.2	1,015.6	+2.1	60.8	+4.4	87	1	71	36	12	50	31	156	45	62	1.87	-1.0	1.36	5	14.4	ne.	41	se.	2	9	2	19	6.3	.0	.0	5
Oklahoma City [2]	1,214	10	47	972.2	1,015.6	+2.4	65.3	+5.5	92	1	76	39	12	54	33	81	49	63	2.07	-1.2	1.22	7	9.5	s.	22	s.	5	10	7	13	5.4	.0	.0	2
Tulsa [1]	674	10	60	991.2	1,015.2	-----	64.7	+5.8	94	1	76	37	12	54	34	85	50	66	3.72	-.5	2.31	7	12.4	s.	33	sw.	5	9	7	14	5.8	.0	.0	5
SOUTHERN SLOPE							67.8	+5.8										52	1.31	-0.5											5.6			
Abilene [1]	1,738	4	59	953.6	1,013.9	+1.4	69.4	+6.4	98	1	82	38	17	56	39	27	49	57	1.03	-1.7	.41	7	15.7	se.	45	nw.	15	9	8	13	5.8	.0	.0	5
Amarillo [1]	3,676	5	42	889.3	1,013.3	+1.8	63.0	+9.2	92	1	79	34	16	47	43	104	42	52	.55	-1.3	.35	3	14.9	s.	42	w.	5	11	7	12	5.3	.0	.0	4
Del Rio	960	63	71	980.4	1,013.2	+1.0	74.1	+3.5	95	9	84	54	18	64	27	0	57	60	3.33	+1.5	2.47	5	10.0	e.	24	se.	10	8	8	14	6.5	.0	.0	5
Roswell	3,566	75	85	893.0	1,013.5	+2.7	64.9	+4.3	89	2	81	37	16	49	44	59	33	38	.34	-.6	.29	4	8.7	s.	32	sw.	2	13	5	12	4.9	.0	.0	4
SOUTHERN PLATEAU							66.0	+6.0										38	0.71	+0.2											4.3			
El Paso [1]	3,778	39	85	886.2	1,011.9	+1.7	67.8	+5.5	87	2	81	42	4	54	43	13	36	36	.36	+.1	.36	1	10.6	se.	42	w.	2	9	8	13	5.6	.0	.0	2
Albuquerque [1]	5,314	5	45	838.5	1,012.5	-----	61.3	+7.3	83	21	76	33	3	47	40	125	30	38	.26	-.3	.18	5	10.1	sw.	56	s.	2	14	8	8	4.5	.0	.0	3
Flagstaff	6,907	36	51	791.4	1,016.6	-----	48.4	+5.1	77	17	64	12	3	32	45	498	26	52	3.45	+2.1	1.76	11	----	w.	--	------	--	15	7	8	4.3	7.4	.0	3
Phoenix [2]	1,107	39	87	972.9	1,011.5	.0	73.6	+6.6	100	23	89	43	3	58	45	12	38	36	.04	-.4	.04	1	6.7	e.	31	e.	24	17	6	7	4.0	.0	.0	1
Tucson [1]	2,555	5	39	924.8	1,011.9	-----	70.6	+6.2	95	23	86	39	3	55	47	22	33	30	.14	-.2	.07	3	----	nw.	--	------	--	14	8	8	4.5	.0	.0	2
Yuma	142	9	54	1,006.4	1,011.5	-.7	74.6	+5.1	103	23	91	46	3	58	44	9	38	36	T	-.1	T	0	5.5	sw.	24	se.	24	21	6	3	2.7	.0	.0	0
MIDDLE PLATEAU							51.2	+4.6										50	0.71	-0.2											4.8			
Reno [1]	4,527	20	52	863.2	1,016.9	+2.0	49.2	+3.1	87	24	69	20	2	30	56	476	30	54	.05	-.4	.05	2	7.1	w.	40	s.	29	13	12	5	4.3	T	.0	0
Winnemucca	4,339	5	56	868.6	1,016.6	+2.0	51.2	+4.5	88	24	67	24	1	36	50	413	28	49	.44	-.4	.18	5	7.8	sw.	34	w.	29	12	8	10	4.9	.7	.0	1
Modena	5,473	10	46	833.7	1,014.2	+2.3	50.0	+4.0	80	17	67	24	3	33	49	452	----	---	.77	-.1	.59	5	9.1	w.	35	s.	26	18	9	3	3.4	T	.0	2
Salt Lake City [1]	4,227	32	58	867.6	1,015.2	+2.0	54.6	+6.7	84	25	67	31	4	42	40	318	34	53	1.59	-.1	.71	10	8.9	se.	31	n.	30	9	10	11	5.4	.9	.0	3
Grand Junction [2]	4,602	60	68	860.5	1,015.6	+3.7	57.6	------	87	21	71	31	4	44	42	330	32	46	.81	------	.25	8	7.3	se.	28	se.	26	7	12	11	6.0	.0	.0	6
NORTHERN PLATEAU							50.8	+1.9										58	0.53	-0.6											6.5			
Baker [2]	3,471	36	54	896.7	1,018.0	+2.1	47.2	+2.0	85	25	61	25	7	33	44	539	31	64	.48	-.6	.18	8	6.3	se.	21	sw.	7	5	12	13	6.4	T	.0	2
Boise [1]	2,739	5	49	920.8	1,016.9	+1.7	51.8	+2.7	92	25	66	29	30	38	38	401	34	56	.35	-.8	.17	5	9.3	se.	42	nw.	29	7	14	9	5.8	T	.0	3
Pocatello [1]	4,478	5	31	863.5	1,016.6	+2.7	50.6	+5.7	86	25	65	26	1	36	50	431	29	50	.48	-1.0	.25	4	10.2	sw.	38	sw.	29	4	14	12	6.6	T	.0	3
Spokane [1]	1,929	27	42	948.5	1,018.0	+2.4	48.0	-.4	89	25	60	28	5	36	46	512	35	64	.98	-.2	.44	10	7.6	sw.	32	sw.	26	2	7	21	7.8	T	.0	0
Walla Walla	991	57	65	982.1	1,018.0	+1.7	54.1	+1.0	86	25	64	33	7	44	33	332	----	---	.84	-.7	.45	6	5.5	s.	21	sw.	25	8	16	6	5.3	.0	.0	1
Yakima	1,076	58	67	978.7	1,018.0	-----	52.8	+.3	85	25	65	30	7	41	34	367	----	---	.03	-.4	.02	2	6.3	nw.	24	s.	10	6	8	16	6.9	.0	.0	0
NORTH PACIFIC COAST							50.3	+0.5										74	2.72	-0.3											7.3			
North Head	211	5	55	1,012.5	1,020.3	+2.7	47.3	-.2	62	17	52	38	4	43	16	532	43	84	4.97	+.8	1.85	18	15.5	s.	56	s.	19	2	6	22	8.0	.0	.0	1
Seattle [2]	125	90	321	1,015.2	1,020.0	+3.1	51.0	-.1	72	24	58	37	7	44	23	421	41	73	1.86	-.5	.65	13	10.0	s.	34	w.	19	5	11	14	6.6	.0	.0	0
Tacoma	194	172	201	1,012.5	1,019.6	+2.7	49.8	+1.1	69	24	57	35	7	42	23	459	----	---	1.94	-.8	.63	14	8.8	sw.	32	s.	19	5	10	15	6.7	T	.0	0
Tatoosh Island	86	9	61	1,015.9	1,019.3	+3.7	46.2	+.1	58	17	50	38	8	42	15	567	42	83	7.73	+2.1	1.49	21	12.8	s.	42	s.	28	0	5	25	8.8	.0	.0	0
Medford [1]	1,329	29	58	971.2	1,019.0	-----	52.8	+.7	88	24	67	30	30	38	46	366	38	64	1.07	-.3	.79	5	----	n.	--	------	--	6	11	13	6.1	.0	.0	1
Portland, Oreg. [2]	154	68	106	1,014.6	1,020.3	+2.3	52.8	+1.0	79	24	61	35	7	44	28	368	42	74	.98	-1.9	.30	11	6.2	nw.	22	sw.	19	2	11	17	7.6	.0	.0	0
Roseburg	510	45	76	1,001.7	1,020.7	+2.4	52.2	+1.2	79	24	64	34	7	41	37	386	40	67	.49	-1.8	.19	8	4.1	n.	22	sw.	19	2	12	16	7.0	.0	.0	0
MIDDLE PACIFIC COAST							56.9	+1.4										69	0.26	-1.8											4.7			
Eureka	60	72	88	1,020.0	1,022.4	+2.8	50.0	+.1	60	25	55	37	30	45	19	448	44	79	.42	-2.9	.17	7	7.8	n.	28	n.	26	4	7	19	7.3	.0	.0	0
Red Bluff [1]	353	5	26	1,004.1	1,016.9	-----	61.9	+2.9	96	24	76	40	2	48	41	138	40	52	.51	-1.2	.44	4	7.6	nw.	25	nw.	29	14	10	6	4.2	.0	.0	2
Sacramento	66	92	115	1,015.2	1,017.6	+.7	60.4	+2.3	94	24	74	41	1	47	38	166	44	64	.06	-1.4	.11	1	7.1	sw.	21	sw.	28	21	7	2	2.7	.0	.0	1
San Francisco [2]	155	112	132	1,013.2	1,018.6	+1.0	55.2	+.2	82	23	61	47	2	49	28	293	46	82	.05	-1.6	.41	2	9.5	w.	31	w.	28	12	12	6	4.5	.0	.0	0
SOUTH PACIFIC COAST							62.9	+3.4										65	0.33	-0.6											4.8			
Fresno [1]	327	5	34	1,004.4	1,016.6	+1.0	64.4	+4.2	97	24	80	39	3	48	45	100	44	54	.03	-.9	.03	1	7.3	nw.	23	nw.	29	20	7	3	2.9	.0	.0	0
Los Angeles	338	223	250	1,004.1	1,016.3	+.7	62.0	+2.6	88	11	72	46	1	52	34	118	49	70	.44	-.6	.28	3	5.8	w.	17	sw.	8	7	20	3	5.0	.0	.0	1
San Diego [1]	87	20	55	1,013.2	1,016.3	+.7	62.4	+3.4	85	11	70	46	3	55	31	91	52	72	.52	-.2	.40	4	6.4	nw.	20	w.	2	5	11	14	6.4	.0	.0	0
PANAMA CANAL																																		
(March, 1946)																																		
Balboa Heights	118	6	92	-------	[3] 1,010.8	+.3	82.0	+.4	93	31	91	70	2	73	22	0	70	[3] 72	1.09	+.4	.96	3	10.7	n.	24	n.	8	7	17	7	5.6	.0	.0	1
Cristobal	27	47	97	-------	[3] 1,011.9	.0	80.4	-.8	88	15	84	74	20	77	9	0	71	[3] 76	.80	-.7	.20	16	14.7	n.	25	n.	19	0	18	13	7.2	.0	.0	0
ALASKA																																		
Anchorage [1]	132	6	44	999.5	1,004.7	-----	32.8	-2.6	52	29	42	5	8	24	31	969	23	64	.13	-.3	.10	4	5.8	n.	19	se.	29	6	6	18	6.8	1.9	.0	0
Fairbanks [1]	455	5	63	987.5	1,005.1	-----	27.0	-2.3	55	30	40	-17	3	14	51	1,140	18	65	.24	.0	.11	8	5.5	n.	17	sw.	2	7	11	12	6.0	3.5	.0	0
Juneau [1]	80	6	30	1,007.1	1,010.2	-----	39.2	------	54	24	44	28	8	34	21	775	34	82	3.11	------	.62	25	10.8	se.	30	se.	11	0	1	29	8.8	2.4	.0	0
Nome	22	25	56	1,003.4	1,004.1	-----	16.4	-3.3	43	22	26	-25	7	7	35	1,454	14	87	.48	-.2	.37	8	12.8	e.	49	e.	8	9	6	15	6.5	5.7	30.5	0
Barrow	29	5	27	1,015.2	1,015.9	-----	-10.0	-9.7	6	8	-3	-30	8	-17	25	2,248	-10	98	.07	.0	.05	3	----	ne.	23	------	1	20	7	3	2.9	1.5	13.7	0
Bethel	28	5	31	999.7	1,001.0	-----	22.2	-5.0	42	27	31	-19	7	13	36	1,269	20	88	.93	+.4	.24	15	----	------	31	------	17	1	6	23	8.3	10.6	11.2	0
Cordova	45	5	32	1,003.7	1,005.8	-----	34.6	------	48	25	42	11	2	28	25	908	30	82	5.54	------	1.02	22	----	------	--	------	--	3	5	22	8.0	10.0	.1	0
Gambell	32	5	32	1,009.5	1,010.8	-----	-1.6	------	23	5	3	-12	16	-6	32	-----	-2	94	.17	------	----	4	15.0	n.	41	nne.	29	2	12	16	----	1.7	17.6	----
Ketchikan	75	69	90	1,011.9	1,012.5	-----	41.0	-1.6	52	18	46	30	18	36	18	718	36	79	11.72	+.7	2.06	27	8.2	se.	27	se.	11	0	2	28	9.0	T	.0	0
Kotzebue	20	5	31	1,006.4	1,007.1	-----	8.6	-5.2	39	19	19	-25	6	-2	31	1,689	7	86	.16	-.1	----	4	10.0	ne.	36	e.	17	15	7	8	4.4	2.2	16.3	0
McGrath	341	5	31	990.2	1,003.1	-----	23.7	-1.9	52	22	37	-22	2	10	43	1,240	21	79	.56	+.1	.24	7	----	e.	21	e.	8	4	9	17	7.0	8.6	13.1	0
Northway	1,718	5	32	941.8	1,005.4	-----	26.1	------	50	29	40	-14	1	12	42	1,166	19	70	.03	------	.02	2	----	e.	18	------	4	4	12	14	6.7	.3	2.5	0
HAWAII																																		
Honolulu	38	86	100	1,017.3	1,018.6	-----	73.1	+.1	80	13	77	66	20	69	10	0	----	---	1.30	-.8	.56	16	11.6	e.	26	ne.	5	2	17	11	6.4	.0	.0	0

[1] Data are airport records.
[2] Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.
[3] Observations taken bihourly.
[4] Pressure (adjusted to old city elevation), temperature, and hygrometric data from airport; otherwise city office records.
[5] Temperature and precipitation from city records; other data from airport.

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