CLIMATOLOGICAL DATA FOR MAY 1947

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	70.5	−0.9	5 stations	93	[1] 5	Valley Head	33	9	5.93	+1.98	Andalusia	12.52	Winfield	1.62
Arizona	69.6	+3.5	Mohawk	116	[1] 3	Alpine	20	13	.66	+.34	McNary	3.72	6 stations	.00
Arkansas	67.4	−1.6	4 stations	95	4	2 stations	35	[1] 9	5.50	+.44	Greenwood	10.37	Lake City	1.81
California	65.0	+3.6	Mecca	119	1	Ellery Lake	18	10	.46	−.47	Lakeshore	4.43	15 stations	.00
Colorado	53.9	+1.5	Fruita	96	4	Red Feather Lakes	12	28	2.85	+.95	Lake Moraine	9.27	Olathe	.13
Florida	76.4	+.8	High Springs	96	17	Lake City	47	4	4.80	+.84	West Palm Beach	10.11	Bradenton	.38
Georgia	70.6	−.9	Folkston	99	17	Blairsville	28	9	4.29	+.83	Blakely	10.41	Savannah Beach	1.44
Idaho	57.2	+4.1	Grandview	99	[1] 2	2 stations	20	29	1.40	−.27	Three Creek	3.37	Moscow	.37
Illinois	59.4	−3.3	2 stations	90	15	do	26	[1] 8	4.31	+.16	Charleston	7.21	Harrisburg	2.27
Indiana	59.0	−3.2	Bloomington	91	15	6 stations	24	[1] 9	5.17	+1.06	La Porte	11.99	LaFayette Airport	2.88
Iowa	55.6	−4.9	Onawa	91	14	Decorah	22	9	4.26	+.30	Van Meter (River)	7.14	Lake Park	1.72
Kansas	60.9	−2.9	Ashland	96	3	Burr Oak	27	[1] 7	4.50	+.69	Oxford	9.46	Clifton	2.15
Kentucky	62.3	−3.0	Pikeville	92	23	Headquarters	23	10	5.66	+1.67	Leitchfield	9.54	Pikeville	2.52
Louisiana	73.6	−.1	Winnfield	96	4	North Livingston	38	23	5.28	+.53	Basile	13.43	Winnsboro	1.26
Maryland-Delaware	63.4	+.5	Cumberland, Md	95	28	Oakland, Md	18	10	5.22	+1.63	Elkton, Md	10.39	Millsboro, Del	2.31
Michigan	49.5	−4.6	Caro	83	12	3 stations	13	9	4.91	+1.60	Wayne	8.17	Detour	1.47
Minnesota	50.5	−4.6	Detroit Lakes	86	17	Grand Rapids	16	9	2.37	−.89	Long Prairie	4.92	Hallock	1.12
Mississippi	70.7	−1.1	2 stations	95	[1] 4	2 stations	40	10	5.37	+1.04	Laurel	11.29	State College	1.66
Montana	53.1	+1.1	Ballentine	93	2	Adel	6	28	.97	−1.11	Red Lodge	3.37	2 stations	.15
Nebraska	56.7	−2.5	Haigler	94	6	Box Butte Exp. Farm	15	29	2.91	−.49	Falls City	7.60	Elm Creek	1.21
Nevada	61.8	+5.9	Overton	111	3	Sheldon	19	10	1.02	+.17	Lamoille	3.42	Carson City	.02
New England	53.8	−1.3	3 stations	90	24	First Conn. Lake, N. H.	14	[1] 10	4.82	+1.39	Lemington, Vt	9.34	Baltic, Conn	2.09
New Jersey	60.1	−.5	Runyon	94	29	Layton	18	10	7.22	+3.60	Morris Plains	9.92	Belmar	3.77
New Mexico	61.7	+2.0	Hagerman	106	[1] 4	Red River	10	18	1.77	+.55	Hobbs	7.05	2 stations	.00
New York	55.0	−1.1	Utica	92	29	Lake Placid Club	18	10	6.33	+2.78	Glenham	9.60	Cutchogue	2.66
North Carolina	67.2	+.3	2 stations	97	18	Mount Mitchell	20	[1] 8	2.68	−1.31	Tapoco	5.49	Manteo	.34
North Dakota	49.9	−3.5	Granville	87	30	Towner	13	28	1.11	−1.17	Carrington	2.27	Gackle	.21
Oklahoma	66.5	−1.8	Altus	100	4	Kenton	30	29	6.83	+2.07	Eufaula	13.11	Caney	3.30
Oregon	57.7	+4.4	The Dalles	101	25	Fremont	11	11	.86	−.89	Crater Lake	3.20	Big Eddy	.02
Pennsylvania	57.7	−2.0	Phoenixville	93	[1] 14	3 stations	16	10	6.36	+2.35	Freeland	11.84	Dunlo	2.16
South Carolina	71.0	+.1	2 stations	97	[1] 14	Walhalla	31	9	3.04	−.43	Yemassee	6.68	Marion	.90
South Dakota	53.5	−2.8	3 stations	87	[1] 2	Ralph	14	29	1.25	−1.61	Pine Ridge	3.74	Gannvalley	.28
Tennessee	64.7	−2.2	2 stations	92	[1] 15	2 stations	26	[1] 9	5.18	+1.04	Covington	9.57	Kingsport	2.01
Texas	72.6	−.4	5 stations	106	[1] 3	Follett	32	29	5.05	+1.35	Liberty	11.72	Presidio	.66
Utah	59.3	+3.8	2 stations	102	[1] 3	4 stations	26	[1] 1	1.64	+.43	Red Butte No. 6	3.81	Hill Creek No. 1	.28
Virginia	64.3	.0	do	96	18	Burkes Garden	20	10	3.34	−.39	Waterford	7.15	Emory	1.39
Washington	59.9	+4.4	Richland	105	26	Paradise R. S	23	[1] 10	.59	−1.36	Clearwater	3.32	3 stations	.00
West Virginia	60.1	−1.6	Hinton	96	[1] 23	2 stations	14	10	3.57	−.43	Point Pleasant	6.77	Naoma	1.38
Wisconsin	50.7	−4.5	Danbury	85	31	do	14	9	3.93	+.27	Oconomowoc	6.73	Ellsworth	2.29
Wyoming	51.7	+2.1	2 stations	91	[1] 3	do	12	29	2.42	+.34	Middle Fork	5.75	Sundance	.39
Alaska (April)	27.6	+.3	Edna Bay	70	16	Umiat	−36	1	1.49	+.02	Little Port Walter	15.18	4 stations	T
Hawaii (April)	70.7	+.9	Waianae	90	[1] 2	Haleakaia R. S	39	5	4.58	−3.82	Makahanaloa #2 (mauka).	26.00	11 stations	.00
Puerto Rico	76.9	+.5	Vieques (Exp. Substation).	97	29	Utuado	52	5	7.35	−.84	San Sebastian	22.50	Losey Field (W. B. O.)	.29

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR MAY 1947

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							53.3	−0.5										76	4.30	+1.1											6.9			
Eastport	75	67	85	1,011.2	1,013.9	.0	48.2	+.5	74	26	55	32	10	41	27	520	40	76	5.44	+2.4	1.35	17	10.7	s.	32	e.	1	5	6	18	7.1	.0	.0	2
Greenville, Maine	1,070	6	41	974.3	1,013.5	−.7	46.6	−2.9	77	23	58	20	10	35	46	570	38	73	5.42	+2.2	1.30	17	5.1	n.	22	------	20	3	10	18	----	T	.0	1
Portland, Maine [1]	103	5	43	1,009.8	1,013.5	−1.1	51.4	+.2	82	12	62	24	10	41	43	426	42	75	4.37	+1.0	.86	19	10.0	w.	27	w.	8	4	11	16	7.0	.0	.0	1
Concord [1]	289	4	45	1,003.1	1,013.9	−.7	54.0	+1.1	88	24	67	21	10	42	47	349	42	68	3.34	+.3	.63	18	8.1	nw.	24	nw.	27	5	9	17	7.1	.0	.0	1
Burlington [1]	403	6	51	997.6	1,012.5	−1.7	54.1	−2.4	82	12	65	25	10	43	39	341	44	72	5.05	+2.2	1.11	15	9.9	nw.	34	se.	20	6	8	17	7.0	T	.0	4
Boston [1]	124	33	62	1,009.5	1,013.9	−.7	56.9	−.2	87	13	66	36	10	48	33	286	44	69	4.36	+1.2	1.30	16	12.2	sw.	30	sw.	28	5	10	16	7.0	.0	.0	3
Nantucket [1]	12	4	34	1,014.2	1,014.9	+.3	52.0	−.3	75	27	59	34	15	45	26	405	47	87	5.52	+2.7	3.07	13	14.3	sw.	32	s.	1	5	8	18	6.9	.0	.0	1
Block Island	26	11	46	1,013.2	1,014.2	−.4	52.6	−.2	72	13	59	37	9	46	23	386	46	87	3.71	+.2	1.54	15	16.1	sw.	34	ne.	14	7	9	15	6.5	.0	.0	3
Providence [5]	159	46	60	1,008.5	1,014.6	.0	58.1	−.4	87	13	68	33	9	48	33	243	45	74	3.73	+.8	1.13	14	9.8	sw.	29	sw.	28	5	12	14	6.7	.0	.0	2
Hartford [1]	159	5	44	1,008.5	1,014.2	−.7	57.1	−.4	87	13	68	28	10	46	39	273	46	74	3.10	−.5	1.04	16	9.2	s.	27	nw.	7	5	10	16	6.9	.0	.0	3
New Haven [1]	107	5	39	1,010.5	1,014.6	−.3	55.0	−.4	79	13	64	32	10	46	31	311	46	76	3.21	−.2	.79	16	7.8	sw.	21	e.	21	5	13	13	6.5	.0	.0	4
MIDDLE ATLANTIC							62.3	+.2										72	4.70	+1.3											6.2			
Albany [1]	97	26	40	1,009.5	1,013.2	−1.0	56.8	−.9	88	29	68	30	11	46	38	281	44	69	5.13	+2.5	1.45	17	10.5	w.	33	w.	20	6	4	21	7.0	T	.0	6
Binghamton [2]	871	60	79	983.4	1,013.5	−1.4	57.8	+.4	90	29	69	29	10	47	43	260	47	73	5.32	+2.0	1.20	19	6.5	w.	20	w.	8	5	7	19	7.1	.2	.0	8
New York	314	415	454	1,005.1	1,016.3	+1.7	59.0	−1.6	83	13	67	34	9	51	26	216	48	71	4.86	+1.6	1.25	16	13.9	nw.	45	nw.	7	4	14	13	6.5	.0	.0	6
Harrisburg [1]	374	30	49	1,000.7	1,014.6	−.6	61.1	−.7	89	29	72	32	9	50	43	187	50	72	5.27	+1.8	1.61	17	8.1	nw.	29	nw.	7	5	9	17	6.8	.0	.0	10
Philadelphia [2]	114	5	57	1,010.5	1,014.6	−1.0	62.0	−.9	87	29	71	35	9	53	29	165	51	74	8.68	+5.4	1.91	15	7.7	s.	24	sw.	29	7	12	12	6.3	T	.0	9
Reading	323	47	306	1,002.7	1,014.6	−.3	61.6	−.3	89	24	72	34	9	51	35	184	----	---	5.58	+1.9	1.03	17	11.4	w.	42	e.	2	8	5	18	6.7	.0	.0	9
Scranton	805	72	104	984.8	1,013.5	−1.7	58.6	−.8	89	29	69	31	8	48	40	245	----	---	6.99	+3.7	2.29	18	6.9	sw.	33	nw.	13	7	12	12	6.1	T	.0	6
Atlantic City	52	37	172	1,012.9	1,014.9	−.3	57.8	−.3	78	27	64	36	9	51	23	231	50	82	4.10	+1.0	.98	14	15.7	s.	40	ne.	14	7	9	15	6.4	.0	.0	7
Trenton	190	89	107	1,007.5	1,014.2	−1.0	60.9	−.2	88	29	71	34	9	51	33	186	----	---	6.86	+3.8	1.15	14	9.4	s.	31	sw.	25	6	12	13	6.4	.0	.0	10
Baltimore [2]	123	100	215	1,010.2	1,014.6	−.6	64.5	+.1	90	13	74	37	9	55	35	126	51	68	3.95	+.4	1.08	14	10.2	s.	44	sw.	5	6	15	10	5.6	.0	.0	9
Washington [2]	112	56	100	1,010.8	1,014.9	−.3	65.4	+1.7	91	13	76	35	9	54	41	121	52	68	4.05	+.4	1.51	14	7.3	s.	31	nw.	7	5	15	11	6.1	.0	.0	8
Cape Henry	18	8	54	1,014.6	1,015.2	−.4	67.3	+3.1	84	18	76	42	11	58	34	86	56	74	1.40	−2.2	.59	10	11.1	s.	37	n.	7	9	12	10	5.5	.0	.0	6
Lynchburg [1]	686	4	50	990.2	1,014.9	−.7	65.4	−.5	88	19	78	32	9	53	39	108	52	69	2.90	−.6	1.42	11	8.4	sw.	29	sw.	25	11	13	7	5.0	.0	.0	10
Norfolk [2]	91	80	125	1,012.5	1,015.6	−.3	68.8	+2.6	93	19	78	45	11	59	33	60	56	72	1.86	−2.0	.60	9	10.1	sw.	27	n.	7	8	10	13	6.0	.0	.0	5
Richmond [2]	144	11	52	1,009.1	1,014.2	−1.4	67.4	+.9	93	19	79	36	9	56	41	83	54	70	3.47	−.3	1.30	9	8.0	s.	31	w.	29	10	18	3	4.8	.0	.0	6
SOUTH ATLANTIC							70.9	+1.0										71	2.38	−1.1											5.2			
Asheville	2,253	77	92	937.4	1,015.9	−.4	63.2	+.6	86	15	76	34	10	50	40	129	50	70	1.93	−1.5	.83	10	7.5	nw.	43	sw.	1	12	10	9	5.0	.0	.0	5
Charlotte [2]	779	63	86	987.8	1,015.2	−.7	70.2	+1.3	92	18	81	44	4	59	32	46	54	64	2.08	−1.6	1.29	10	7.7	sw.	20	sw.	25	8	13	10	5.4	.0	.0	6
Greensboro [1]	886	6	56	984.1	1,015.6	−1.0	67.3	+.9	92	18	80	36	11	54	40	78	53	68	1.84	−2.2	1.17	8	8.3	sw.	30	w.	1	9	13	9	5.0	.0	.0	10
Raleigh [2]	376	5	69	1,001.7	1,015.6	.0	69.6	+1.1	95	18	81	41	11	58	37	48	56	72	2.11	−1.7	.73	11	7.8	sw.	24	sw.	2	11	11	9	5.0	.0	.0	7
Wilmington	72	73	107	1,012.9	1,016.3	.0	70.4	−.4	87	17	79	46	11	62	29	30	60	76	2.83	−.6	1.07	8	10.7	sw.	30	s.	21	8	17	6	5.2	.0	.0	10
Charleston [2]	48	11	92	1,014.6	1,016.3	.0	73.4	+.7	92	15	81	53	12	66	25	10	62	80	2.79	−.2	1.40	11	10.8	s.	27	ne.	10	11	12	8	5.0	.0	.0	5
Columbia, S. C. [1]	347	70	91	1,003.1	1,015.6	−.3	72.7	+.8	95	15	84	47	10	62	33	19	58	66	3.36	+.3	1.11	11	8.4	s.	29	sw.	21	14	10	7	4.3	.0	.0	7
Greenville, S. C. [1]	1,040	18	36	978.3	1,014.9	−.7	69.4	+2.2	90	15	81	45	8	58	34	39	52	62	2.20	−1.8	.75	8	9.0	sw.	26	w.	7	10	11	10	5.5	.0	.0	5
Augusta [2]	182	62	77	1,009.1	1,015.9	+.3	73.2	+.8	94	17	84	47	12	62	33	16	56	64	1.73	−1.3	.77	5	6.2	s.	28	w.	1	10	13	8	5.1	.0	.0	6
Savannah [1]	65	73	152	1,014.2	1,016.6	+.3	73.6	+1.9	94	15	83	51	12	64	27	6	64	80	2.28	−.7	1.27	7	10.1	s.	30	nw.	1	6	13	12	6.0	.0	.0	7
Jacksonville [2]	43	86	110	1,015.2	1,016.6	+.3	76.5	+1.5	91	18	85	59	4	68	24	0	65	74	3.01	−1.0	.75	9	8.6	sw.	30	sw.	22	6	13	12	5.9	.0	.0	10
FLORIDA PENINSULA							78.4	+.9										75	2.86	−1.7											5.2			
Key West [2]	21	10	64	1,014.9	1,015.9	+1.0	80.6	+1.5	89	29	86	69	5	75	18	0	68	73	4.05	+.5	2.37	8	8.7	e.	22	e.	12	12	13	6	4.7	.0	.0	5
Miami [2]	25	242	249	1,015.6	1,016.3	+.4	77.2	.	085	30	81	69	5	73	14	0	68	75	3.35	−3.8	1.41	11	13.2	se.	37	ne.	11	10	9	12	5.5	.0	.0	6
Tampa [1]	35	6	43	1,015.2	1,016.6	+.7	77.6	+1.3	91	17	87	61	13	69	25	0	68	77	1.19	−1.8	.45	5	8.2	e.	25	s.	22	11	11	9	5.4	0	0	5
EAST GULF							72.3	−.6										75	5.27	+1.4											6.0			
Atlanta [1]	1,173	33	72	974.6	1,015.2	−.7	68.9	−1.4	91	15	80	45	10	58	33	38	54	66	4.99	+1.6	2.03	8	10.3	sw.	34	nw.	2	11	12	8	5.1	.0	.0	7
Macon [2]	370	79	87	1,002.4	1,015.9	.0	71.5	−.8	92	15	83	44	10	60	34	22	57	67	5.09	+2.1	1.80	9	6.4	s.	29	sw.	28	9	11	11	5.8	.0	.0	9
Thomasville	274	49	58	1,007.5	1,017.3	+1.7	73.8	−.2	92	17	84	53	9	63	28	0	----	---	3.09	−.5	.94	10	----	------	--	------	--	8	15	8	----	.0	.0	9
Apalachicola	35	11	51	1,015.2	1,016.6	+.7	74.9	+.3	87	30	82	58	10	68	19	0	68	82	3.71	+.3	2.66	7	8.2	s.	24	nw.	29	10	10	11	5.4	.0	.0	9
Pensacola [2]	56	54	79	1,014.2	1,016.6	+.7	74.6	+.7	85	6	81	59	10	68	20	0	64	76	6.06	+2.7	3.20	10	8.0	s.	34	nw.	6	10	12	9	5.2	.0	.0	10
Birmingham [1]	700	5	62	991.2	1,015.9	−1.0	67.9	−1.4	89	16	80	41	10	56	35	41	56	70	3.83	−.1	1.16	9	8.2	sw.	31	sw.	2	7	11	13	6.2	.0	.0	6
Mobile [2]	57	86	161	1,013.9	1,015.9	+.3	74.0	−.4	88	5	82	55	10	66	24	0	64	81	11.41	+7.1	4.65	11	8.5	s.	42	nw.	29	6	9	16	6.3	.0	.0	12
Montgomery [2]	218	92	105	1,008.1	1,015.9	.0	72.3	−1.1	89	16	82	48	10	62	29	5	60	74	4.11	+.3	1.44	7	7.2	sw.	25	s.	28	7	12	12	6.0	.0	.0	6
Meridian [2]	375	67	92	1,002.4	1,015.9	+.7	70.4	−.9	88	28	81	47	10	59	33	14	60	76	6.41	+2.1	2.36	11	6.1	sw.	23	w.	2	9	6	16	6.2	.0	.0	11
Vicksburg [2]	247	82	102	1,006.4	1,015.2	.0	70.8	−2.1	87	14	80	53	10	62	27	6	62	81	3.30	−1.0	1.18	10	8.5	s.	27	nw.	6	6	10	15	6.6	.0	.0	8
New Orleans	53	76	84	1,013.9	1,015.6	+.4	76.2	+.8	89	5	84	61	10	68	24	0	66	76	5.94	+1.3	2.96	11	6.7	se.	18	e.	9	3	10	18	6.8	.0	.0	3
WEST GULF							73.5	−.2										76	5.34	+1.2											6.1			
Shreveport [1]	249	5	64	1,005.1	1,013.9	+.7	71.8	−.8	94	4	82	50	3	62	34	0	60	72	2.84	−1.4	1.08	8	9.3	s.	30	se.	17	7	11	13	6.2	.0	.0	9
Fort Smith [1]	463	57	82	997.6	1,013.9	+1.7	67.4	−2.2	91	14	78	45	30	57	35	33	55	68	6.19	+1.4	2.73	10	7.7	ne.	28	nw.	28	9	10	12	5.7	.0	.0	12
Little Rock [1]	357	26	58	1,002.0	1,014.9	+.7	68.6	−1.7	92	4	79	49	10	58	34	25	57	72	6.87	+2.1	2.89	11	8.3	sw.	31	w.	2	8	14	9	5.6	.0	.0	8
Austin [1]	605	10	41	992.2	1,013.2	+.3	74.0	−.6	95	4	84	52	29	64	32	1	62	76	3.55	−1.1	1.41	10	9.4	s.	29	n.	16	8	8	15	6.0	.0	.0	9
Brownsville [1]	57	5	54	1,009.5	1,011.5	−.4	80.1	+1.5	93	4	89	65	25	71	23	0	71	82	3.65	+1.1	1.57	8	12.5	se.	53	se.	23	3	15	13	6.6	.0	.0	5
Corpus Christi [1]	20	4	33	1,011.9	1,012.9	.0	76.9	+2.4	91	6	85	60	30	68	26	0	70	84	5.29	------	2.76	7	12.1	se.	51	nw.	20	4	15	12	6.3	.0	.0	5
Dallas [1]	512	5	45	994.9	1,013.2	+.3	72.3	−.6	98	4	83	48	30	62	37	11	60	70	1.55	−2.9	.98	7	11.4	s.	34	s.	31	7	9	15	5.9	.0	.0	6
Fort Worth [1]	679	40	56	989.2	1,013.2	+.3	71.2	−1.0	100	4	82	46	29	60	34	19	60	70	2.50	−2.2	.99	7	11.6	s.	34	nw.	16	8	10	13	5.9	.0	.0	7
Galveston [2]	54	106	114	1,012.5	1,014.2	−.4	75.4	+.6	84	29	80	61	23	71	18	0	70	84	7.88	+4.5	4.89	5	13.3	e.	44	ne.	23	7	12	12	6.2	.0	.0	6
Houston [2]	138	157	190	1,009.1	1,014.2	+.3	75.4	−.1	94	1	84	60	30	67	25	0	67	82	10.24	+5.7	4.17	10	10.5	se.	40	ne.	23	6	8	17	6.8	.0	.0	10
Palestine	510	64	72	996.6	1,014.6	+.7	71.8	−.9	92	4	81	50	29	62	27	5	60	71	7.47	+2.9	2.65	8	7.6	s.	24	ne.	23	9	7	15	5.9	.0	.0	6
Port Arthur [2]	34	59	134	1,013.2	1,014.2	.0	75.4	+.2	87	31	83	60	21	68	25	0	66	81	8.05	+3.9	3.11	8	13.4	s.	50	ne.	23	7	11	13	6.2	.0	.0	7
San Antonio [1]	693	8	51	988.5	1,012.9	+.4	75.2	+.1	98	4	87	52	22	64	36	0	64	75	3.32	+.1	1.38	10	9.5	se.	33	se.	10	7	8	16	6.2	.0	.0	10
OHIO VALLEY AND TENNESSEE							61.6	−2.2										71	4.59	+.9											6.3			
Chattanooga [1]	762	6	66	988.5	1,015.6	−.3	66.2	+.7	90	28	80	37	9	53	39	73	54	70	2.56	−1.2	1.01	11	7.5	s.	41	nw.	29	9	10	12	5.7	.0	.0	10
Knoxville [1]	995	27	53	980.4	1,015.9	.0	65.4	−1.3	89	16	78	36	9	53	37	89	52	67	3.36	−.4	.98	12	8.4	sw.	48	sw.	1	9	9	13	5.7	.0	.0	5
Memphis [4]	399	5	86	1,000.7	1,014.9	.0	68.1	−1.7	89	15	79	44	8	57	31	37	56	68	4.68	+.5	.86	10	8.4	s.	30	s.	1	6	16	9	5.6	.0	.0	9
Nashville [1]	546	5	72	995.9	1,015.2	−.7	64.9	−3.3	89	15	77	36	8	53	40	102	54	71	6.47	+2.6	2.51	13	8.5	s.	42	nw.	1	8	12	11	5.8	.0	.0	8
Lexington [1]	989	4	28	979.3	1,014.9	−.7	60.3	−4.0	83	15	71	32	9	49	35	199	50	74	4.75	+.9	1.49	12	----	s.	--	------	--	8	11	12	5.8	.0	.0	6
Louisville [1]	525	106	120	995.6	1,014.6	−1.0	62.4	−2.7	87	15	74	33	9	51	43	159	50	69	6.04	+2.3	1.57	13	7.6	s.	34	sw.	17	10	6	15	5.9	T	.0	7

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR MAY 1947—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.	
OHIO VALLEY AND TENNESSEE—Con.																																		
Evansville [1]	431	11	40	999.0	1,014.6	−.6	62.0	−2.3	88	15	74	35	9	50	43	157	52	71	3.77	−.1	1.10	14	8.2	nw.	34	w.	1	8	8	15	6.3	.0	.0	10
Indianapolis [1]	823	5	54	983.7	1,013.5	−1.7	58.3	−3.1	85	15	69	29	9	48	37	228	48	72	3.91	----	.86	15	10.2	sw.	37	w.	17	4	13	14	6.5	.0	.0	8
Terre Haute [2]	575	68	149	993.9	1,014.6	−.3	59.8	−3.6	86	15	71	29	9	48	36	191	50	75	5.76	+1.9	1.44	14	10.0	s.	36	w.	29	5	12	14	6.4	.0	.0	8
Cincinnati [2]	627	11	51	992.2	1,014.9	−.7	62.8	−.3	87	28	74	33	9	52	38	149	49	72	5.07	+1.4	1.50	14	4.4	se.	18	nw.	4	6	10	15	6.5	T	.0	8
Columbus [2]	822	90	110	985.1	1,013.9	−1.7	59.4	−2.9	83	28	69	30	9	50	33	218	50	76	4.94	+1.4	1.46	16	9.7	s.	38	s.	1	8	3	20	6.9	T	.0	9
Dayton [1]	1,003	6	55	978.3	1,014.6	−.3	57.6	−4.2	81	28	68	27	9	48	32	248	49	76	6.39	+2.8	1.59	15	11.3	sw.	47	nw.	1	8	7	16	6.5	T	.0	9
Elkins [1]	1,947	4	45	946.5	1,015.2	−1.1	57.2	−.5	86	28	70	21	10	44	49	265	47	73	3.84	−.2	.91	16	7.3	nw.	39	sw.	29	6	7	18	6.8	T	.0	11
Parkersburg	637	77	84	991.9	1,014.9	−1.0	61.4	−2.4	88	28	74	29	10	49	43	177	48	68	3.59	+.2	1.15	13	6.3	se.	29	nw.	29	5	10	16	6.5	.0	.0	7
Pittsburgh [1]	842	39	54	984.1	1,013.9	−1.3	58.7	−1.5	85	28	69	30	9	48	35	226	47	70	3.78	+.6	.95	16	10.2	sw.	37	nw.	29	5	6	20	7.0	T	.0	7
LOWER LAKES																																		
							54.4	−2.4										74	5.44	+2.2											6.9			
Buffalo [1]	768	34	96	985.1	1,013.5	−1.4	52.8	−3.1	79	29	63	26	10	42	34	376	44	76	4.83	+1.7	.88	18	14.0	sw.	49	sw.	29	5	7	19	7.0	.8	.0	4
Canton	448	10	61	996.3	1,012.5	−1.0	51.8	−2.4	79	25	62	26	10	42	37	407	42	72	6.87	+3.9	1.55	17	10.4	w.	30	e.	14	5	9	17	6.9	T	.0	7
Oswego	335	71	85	1,000.7	1,013.2	−1.4	52.5	−1.2	81	29	62	31	8	43	37	388	43	74	5.11	+2.1	1.30	18	9.0	w.	24	sw.	21	7	9	15	6.4	.2	.0	8
Rochester [1]	523	5	69	994.2	1,013.2	−2.0	54.2	−1.9	80	21	65	29	10	44	49	334	44	76	5.06	+2.1	.67	20	11.1	w.	50	sw.	21	4	8	19	7.2	.2	.0	7
Syracuse [1]	596	5	57	991.5	1,013.2	−2.0	55.5	−.8	87	29	67	30	10	44	39	300	46	72	5.53	+2.5	1.41	20	10.2	sw.	33	w.	20	3	10	18	7.0	1.7	.0	8
Erie [2]	714	57	81	987.8	1,013.5	−1.7	54.0	−2.8	75	29	62	32	10	46	29	340	46	80	5.98	+2.6	1.34	17	8.5	w.	26	sw.	29	7	6	18	6.7	T	.0	5
Cleveland [1]	762	27	54	986.1	1,013.9	−1.3	56.2	−1.9	81	28	66	29	10	46	35	283	46	73	6.04	+2.9	1.44	21	10.6	s.	39	w.	4	2	12	17	7.0	T	.0	7
Sandusky	629	5	67	991.2	1,014.2	−1.0	56.3	−2.9	81	12	66	34	9	47	31	274	----	---	5.15	+2.0	1.05	17	9.4	sw.	29	sw.	1	6	6	19	6.6	T	.0	5
Toledo [1]	628	5	47	990.5	1,013.5	−1.7	55.3	−2.7	80	12	65	29	10	45	35	304	45	72	4.77	+1.3	1.12	13	11.7	sw.	40	sw.	29	4	10	17	6.9	T	.0	6
Fort Wayne [1]	857	5	33	982.4	1,013.5	−1.7	55.9	−3.3	80	12	66	27	9	46	33	285	47	76	3.52	−.3	.73	16	9.2	s.	30	s.	29	4	9	18	6.9	T	.0	6
Detroit [1]	730	5	78	986.8	1,013.2	−2.0	53.8	−3.1	80	12	62	31	9	45	30	352	44	73	6.97	+3.8	1.93	19	10.1	sw.	34	nw.	29	4	8	19	7.1	T	.0	9
UPPER LAKES																																		
							48.5	−4.0										74	4.04	+.8											7.1			
Alpena	609	5	89	990.2	1,012.5	−2.4	46.4	−4.1	82	12	54	25	9	39	35	574	38	76	3.77	+.7	.92	18	11.6	nw.	30	e.	2	4	9	18	7.3	1.9	.0	4
Escanaba	612	51	72	990.5	1,013.2	−2.0	45.4	−4.2	78	12	52	25	9	38	36	602	38	75	3.98	+1.0	1.10	17	11.1	s.	33	n.	13	4	10	17	7.2	1.6	.0	0
Grand Rapids [2]	707	70	244	987.5	1,013.5	−1.4	52.8	−5.2	81	12	62	27	9	44	29	381	42	76	4.98	+1.5	1.59	19	11.6	sw.	33	sw.	12	4	9	18	7.0	T	.0	5
Lansing [2]	878	5	90	981.0	1,013.5	−1.4	52.1	−4.8	79	12	62	26	9	42	32	399	42	71	5.22	+1.8	1.00	22	8.7	sw.	26	w.	26	4	7	20	7.2	T	.0	5
Marquette	734	44	73	985.8	1,012.9	−2.3	44.2	−4.8	82	31	52	25	8	37	38	650	36	76	3.08	+.1	.99	16	8.8	n.	31	sw.	31	3	6	22	7.6	2.9	.0	1
Sault Sainte Marie [1]	614	11	52	989.8	1,012.5	−2.7	43.3	−4.9	72	18	52	23	10	35	38	674	35	77	4.42	+1.8	.95	15	11.7	nw.	38	nw.	26	3	4	24	7.9	4.6	.0	1
Chicago [1]	673	5	36	989.2	1,013.5	−1.4	53.8	−4.0	80	15	64	30	10	44	44	359	44	74	3.97	+.5	.71	20	9.8	s.	32	w.	15	5	8	18	6.9	T	.0	6
Green Bay	617	5	32	990.5	1,013.2	−1.0	49.5	−5.4	79	12	59	25	9	40	31	481	40	72	4.43	+.9	1.75	17	9.0	s.	29	s.	31	4	10	17	7.1	3.0	.0	3
Milwaukee [1]	681	33	66	988.5	1,013.5	−1.1	49.9	−2.7	80	12	59	28	9	41	35	474	42	76	4.35	+1.0	1.09	18	12.7	n.	37	ne.	29	3	9	19	7.0	T	.0	3
Duluth [2]	1,133	5	47	971.6	1,013.2	−1.4	47.4	+.1	80	31	57	25	8	38	32	549	34	66	2.17	−1.1	.86	11	11.9	ne.	36	sw.	11	8	11	12	5.9	T	.0	2
NORTH DAKOTA																																		
							49.9	−3.5										61	1.22	−1.1											6.0			
Fargo [1]	940	6	47	979.0	1,013.5	.0	50.0	−5.1	81	17	62	26	28	39	45	465	37	66	1.33	−1.6	.40	11	13.9	n.	42	nw.	3	6	12	13	6.1	.0	.0	2
Bismarck [1]	1,677	5	43	953.6	1,014.2	+.3	51.3	−1.7	84	30	65	23	28	38	57	423	35	58	.79	−1.5	.29	10	12.4	nw.	43	nw.	1	7	16	8	5.8	.0	.0	2
Devils Lake	1,478	11	44	960.4	1,014.6	+.7	48.6	−4.0	78	16	61	21	8	36	44	508	32	58	1.23	−.8	.39	9	9.7	nw.	31	nw.	3	6	13	12	6.4	T	.0	0
Grand Forks [1]	832	4	41	983.4	1,014.2	+.3	48.6	----	80	17	61	22	8	36	45	503	36	66	1.33	----	.37	10	----	n.	--	----	--	7	8	16	----	.4	.0	2
Williston	1,878	42	50	946.5	1,013.9	+.7	50.8	−3.2	82	2	63	21	28	39	43	440	34	56	1.41	−.6	.53	9	8.7	nw.	28	nw.	3	7	13	11	5.8	.0	.0	2
UPPER MISSISSIPPI																																		
							57.2	−4.1										70	4.10	+.1											6.2			
Minneapolis-St. Paul [1]	919	43	74	979.3	1,012.9	−.3	53.5	−4.2	81	31	64	33	8	43	31	359	40	64	2.57	−1.1	1.07	10	10.9	nw.	34	s.	11	3	12	16	6.9	.2	.0	2
La Crosse [1]	714	5	29	987.1	1,013.2	−.7	52.2	−5.7	80	18	62	27	9	42	34	402	42	70	3.40	−.4	.63	16	9.1	nw.	33	nw.	26	6	10	15	6.6	T	.0	4
Madison [2]	974	70	78	982.1	1,013.9	−.7	52.6	−5.0	78	12	64	32	9	42	34	391	42	71	4.20	+.4	1.76	17	10.9	sw.	33	nw.	4	5	10	16	6.7	.6	.0	5
Charles City	1,015	10	51	977.3	1,014.2	.0	53.2	−4.6	80	18	64	31	9	43	38	364	----	---	3.22	−1.1	.73	15	7.2	n.	23	nw.	1	10	9	12	5.6	.2	.0	6
Moline [1]	606	6	50	991.9	1,014.2	−.4	56.5	−3.8	79	18	66	33	9	47	36	276	46	71	3.70	−.2	1.10	16	10.3	nw.	38	nw.	1	8	7	16	6.3	.0	.0	7
Dubuque	699	60	79	988.2	1,013.5	−.7	54.9	−5.4	80	18	64	34	29	46	31	316	44	69	4.59	+.4	2.38	14	5.9	nw.	26	nw.	1	7	11	13	5.9	T	.0	3
Burlington [1]	702	4	36	988.8	1,014.2	+.3	57.0	−5.6	82	14	68	34	9	46	38	257	47	74	5.51	+1.4	1.62	13	10.5	nw.	40	nw.	1	10	8	13	5.9	.0	.0	7
Cairo	357	5	99	1,002.0	1,014.6	.0	67.1	−2.3	88	16	77	45	10	57	30	61	----	---	5.71	+2.0	1.25	11	8.6	s.	34	sw.	29	6	13	12	6.1	.0	.0	7
Peoria [1]	609	6	26	992.2	1,014.2	−.7	56.8	−3.9	83	15	67	33	9	47	31	263	46	72	4.63	+.6	.95	16	10.2	nw.	34	w.	28	6	10	15	6.5	.0	.0	9
Springfield, Ill. [2]	636	5	191	991.2	1,014.6	+.4	61.1	−2.1	84	12	71	37	9	51	32	159	48	72	5.11	+.7	1.62	15	11.8	n.	31	nw.	28	8	8	15	5.9	.0	.0	10
St. Louis [2]	568	35	303	993.9	1,014.2	.0	64.0	−3.0	86	15	74	40	9	54	30	115	----	63	2.43	−1.9	1.14	14	12.0	s.	49	sw.	15	13	7	11	----	.0	.0	7
MISSOURI VALLEY																																		
							58.9	−3.0										66	3.30	−.7											5.8			
Columbia, Mo. [2]	784	6	66	986.1	1,014.2	−.4	62.0	−3.0	88	14	73	39	29	51	44	143	47	66	3.24	−1.2	1.20	11	7.4	w.	30	w.	1	10	16	5	4.8	.0	.0	7
Kansas City [1]	963	39	76	987.1	1,014.6	+1.1	61.9	−2.9	89	14	72	35	29	52	34	127	48	64	4.26	+.3	1.12	12	10.4	n.	36	nw.	1	8	11	12	5.9	.0	.0	6
St. Joseph [2]	967	11	49	979.7	1,014.6	+1.1	60.2	−4.0	91	14	72	35	29	49	40	169	46	68	3.45	−1.2	1.24	10	8.3	n.	33	nw.	2	13	8	10	4.8	T	.0	7
Springfield, Mo. [1]	1,324	5	67	967.2	1,014.6	+.4	62.0	−1.7	88	14	73	38	29	51	43	131	50	70	4.40	−.8	2.06	10	11.7	s.	44	w.	1	7	12	12	6.0	.0	.0	10
Topeka [2]	987	65	87	979.0	1,014.2	+1.0	61.7	−2.6	90	3	73	34	29	51	43	131	48	70	2.40	−2.1	.48	13	8.8	n.	32	n.	28	9	11	11	6.3	.0	.0	6
Lincoln [1]	1,189	11	81	971.6	1,013.9	+1.0	59.0	−2.7	89	14	70	33	29	48	42	198	44	66	3.37	−.7	1.93	16	9.8	n.	42	nw.	1	11	7	13	5.7	T	.0	9
Omaha [1]	1,105	5	68	974.9	1,014.6	+1.1	58.4	−4.0	88	14	69	33	29	48	40	214	44	64	4.65	+.9	1.22	17	11.5	s.	41	nw.	1	8	10	13	6.1	T	.0	10
Valentine	2,598	46	54	923.1	1,014.9	+1.4	54.2	−2.0	83	14	67	26	29	41	43	340	38	60	3.14	+.3	1.06	11	9.9	n.	33	n.	25	8	11	12	6.0	4.0	.0	6
Sioux City [1]	1,138	5	40	973.2	1,014.2	+1.0	55.6	−4.1	86	14	68	27	29	43	42	293	42	66	3.35	−.7	1.27	13	10.5	n.	40	n.	1	7	12	12	6.1	.8	.0	4
Huron [1]	1,301	5	41	967.2	1,014.2	+.3	53.6	−2.8	83	14	68	24	29	40	43	353	39	64	.75	−2.2	.31	6	13.1	nw.	46	nw.	1	8	10	13	5.8	T	.0	4
NORTHERN SLOPE																																		
							54.4	+1.3										59	1.61	−.5											6.7			
Billings [1]	3,570	16	40	890.3	1,013.2	.0	56.0	−.1	87	2	68	27	28	44	37	276	39	56	1.09	----	.85	7	10.6	sw.	42	nw.	21	2	18	11	6.8	.0	.0	3
Havre	2,507	11	67	925.5	1,014.2	+1.0	54.8	+1.4	87	2	68	24	28	42	39	324	33	48	.15	−1.9	.06	6	9.6	nw.	33	w.	2	3	7	21	7.5	.0	.0	2
Helena [1]	4,124	5	43	872.7	1,013.9	.0	54.1	+2.5	86	2	68	28	28	40	43	342	36	56	.48	−1.5	.27	5	9.6	w.	33	se.	8	4	11	16	7.0	.0	.0	2
Missoula [1]	3,205	4	32	900.8	1,014.2	−1.0	56.6	+4.4	84	7	71	33	28	43	39	262	37	54	1.50	−.2	.51	6	8.0	nw.	30	n.	21	4	14	13	6.6	.0	.0	5
Kalispell	2,973	48	56	910.3	1,012.9	−.6	55.0	+3.6	81	7	67	31	28	43	36	314	40	60	1.79	+.3	1.30	4	6.1	w.	25	sw.	2	2	19	10	6.4	.0	.0	2
Miles City [1]	2,371	5	78	929.9	1,013.9	.0	54.2	----	86	2	68	24	28	41	43	335	36	56	.66	----	.50	4	----	nw.	--	----	--	2	13	16	6.8	.0	.0	4
Rapid City [1]	3,259	5	63	900.1	1,013.5	−.7	52.8	−1.2	80	2	66	23	29	40	49	375	38	63	1.14	−1.8	.49	11	15.3	nw.	52	nw.	11	5	14	12	6.1	T	.0	9
Cheyenne [1]	6,094	5	40	812.4	1,013.2	+1.7	49.8	−.5	82	2	62	16	29	37	42	478	37	70	2.19	−.2	1.03	14	11.0	nw.	36	w.	18	2	11	18	7.0	6.6	.0	9
Lander [1]	5,352	60	68	834.1	1,012.9	+.4	54.0	+2.8	85	4	68	24	29	40	40	350	36	58	3.75	+1.5	1.79	9	7.3	sw.	42	sw.	13	2	18	11	6.3	10.2	.0	8
Sheridan [1]	3,790	5	38	883.2	1,013.5	.0	54.2	+2.2	88	2	67	28	28	41	45	335	38	60	2.59	−.1	1.44	10	8.7	nw.	37	nw.	25	4	16	11	6.5	.6	.0	7
North Platte [2]	2,821	11	51	915.3	1,013.5	+.3	57.0	−1.7	86	3	69	28	29	45	39	258	43	67	2.40	−.4	1.10	10	7.7	s.	24	n.	1	6	12	13	6.4	.5	.0	7

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR MAY 1947—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							61.3	−1.8										69	4.72	+.5											5.9			
Denver [3]	5,292	106	113	837.1	1,012.9	+1.0	56.2	.0	84	5	67	32	28	45	36	292	40	64	4.18	−2.0	1.60	14	7.6	s.	30	w.	18	7	10	14	6.7	1.0	.0	8
Pueblo [1]	4,690	5	36	855.4	1,012.5	+1.3	59.0	+.1	94	4	74	36	29	44	48	203	40	62	2.99	+1.4	1.94	11	8.4	se.	35	w.	31	6	16	9	6.0	.0	.0	11
Concordia	1,392	50	58	964.8	1,014.6	+1.1	59.2	−4.0	89	3	69	32	29	50	43	194	46	67	3.00	−1.2	1.15	13	8.2	s.	29	nw.	1	12	7	12	5.5	.0	.0	6
Dodge City [1]	2,509	5	58	926.2	1,013.5	+.6	59.8	−3.7	90	3	70	34	29	49	39	177	50	74	4.01	+1.1	.98	15	15.0	se.	42	ne.	27	8	8	15	6.0	.0	.0	12
Wichita [1]	1,358	6	64	965.8	1,013.9	+1.0	62.6	−2.5	88	14	73	37	29	52	40	114	50	70	4.69	+.2	1.08	15	14.0	se.	57	se.	15	10	7	14	6.0	.0	.0	16
Oklahoma City [3]	1,214	10	47	970.5	1,013.2	+.7	66.7	−1.0	92	4	78	39	29	56	42	58	56	73	7.92	+3.0	2.65	10	9.0	s.	37	w.	31	11	7	13	5.5	.0	.0	9
Tulsa [1]	674	10	60	989.5	1,013.5	----	65.4	−1.8	89	14	76	40	29	55	40	61	54	72	6.26	+1.2	1.47	10	10.7	se.	42	w.	15	11	9	11	5.5	.0	.0	14
SOUTHERN SLOPE							70.1	+.3										62	3.24	+.6											5.4			
Abilene [1]	1,738	4	59	951.6	1,011.9	+.4	71.1	+.5	101	4	84	44	29	59	43	23	55	64	4.05	+.1	1.95	8	15.6	s.	44	nw.	22	9	9	13	5.6	.0	.0	13
Amarillo [1]	3,676	5	42	887.9	1,012.2	+.3	62.8	+.7	96	4	75	36	29	51	41	129	51	72	4.59	+1.8	1.34	12	14.9	s.	66	nw.	14	9	11	11	5.5	.0	.0	11
Del Rio	960	63	71	977.7	1,010.2	+.4	77.2	+.2	98	4	88	57	21	67	36	0	62	66	2.62	−.3	1.43	8	10.3	se.	40	w.	10	9	7	15	5.8	.0	.0	6
Roswell	3,566	75	85	890.6	1,010.5	+.3	69.3	−.1	101	4	84	40	29	55	49	27	42	48	1.71	+.6	1.16	5	9.1	s.	38	ne.	20	11	12	8	4.6	.0	.0	5
SOUTHERN PLATEAU							72.1	+4.0										35	.43	+.1											3.9			
El Paso [1]	3,778	29	85	883.5	1,008.5	.0	73.5	+3.5	98	6	88	51	1	60	39	1	36	32	.68	+.4	.68	2	10.8	se.	43	nw.	22	18	9	4	3.6	.0	.0	4
Albuquerque [1]	5,314	5	45	835.8	1,008.1	−1.0	67.0	+3.7	94	4	82	44	12	52	38	48	33	36	.48	−.1	.24	5	10.6	sw.	50	n.	23	15	9	7	4.5	.0	.0	4
Flagstaff	6,907	36	51	790.4	----	----	55.4	+4.7	88	3	72	29	12	38	48	300	29	45	.98	+.1	.61	5	----	sw.	--	----	--	8	14	9	5.3	T	.0	6
Phoenix [3]	1,107	39	87	969.9	1,008.1	−.4	79.7	+4.7	109	3	94	53	11	65	44	0	43	35	.38	+.3	.36	3	7.1	w.	26	sw.	27	19	6	6	3.8	.0	.0	3
Tucson [1]	2,555	5	39	922.5	1,008.5	−.3	76.8	+3.6	105	3	92	50	15	62	42	2	36	27	.04	−.1	.04	1	----	sw.	--	----	--	15	11	5	4.0	.0	.0	0
Yuma	142	9	54	1,003.1	1,007.8	−1.0	80.2	+4.0	115	3	96	53	11	64	48	0	45	36	T	.0	T	.0	6.3	s.	23	w.	10	23	7	1	2.1	.0	.0	0
MIDDLE PLATEAU							61.5	+6.1										44	1.20	+.2											4.8			
Reno [1]	4,527	20	52	860.8	1,012.5	−.4	60.3	+7.4	90	21	79	34	12	41	49	160	36	50	.30	−.3	.21	6	8.2	w.	31	nw.	27	13	6	12	5.0	T	.0	4
Winnemucca	4,339	5	56	865.9	1,011.5	−1.7	62.0	+8.1	92	2	79	35	11	45	50	129	32	40	1.40	+.5	.49	7	7.7	ne.	26	se.	29	12	7	12	5.1	.0	.0	2
Modena	5,473	10	46	831.0	1,009.5	−.7	58.2	+4.7	88	3	76	34	11	41	47	216	----	----	2.03	+1.2	1.65	4	10.0	sw.	45	sw.	22	15	13	3	3.6	T	.0	3
Salt Lake City [1]	4,227	32	58	864.9	1,010.8	+1.7	62.8	+7.1	91	2	76	42	1	49	41	134	39	49	1.88	+.1	.76	8	9.2	se.	35	sw.	30	14	8	9	4.7	.0	.0	7
Grand Junction [1]	4,602	60	68	857.4	1,010.5	+.3	64.3	+3.2	93	4	79	39	29	50	40	79	32	36	.41	−.4	.20	5	9.0	se.	40	sw.	27	9	10	12	5.8	.0	.0	2
NORTHERN PLATEAU							61.6	+5.9										51	.59	−.8											5.6			
Baker [3]	3,471	36	54	894.0	1,013.9	−1.7	57.9	+6.2	90	26	73	31	14	43	42	230	38	58	.51	−1.0	.43	5	6.1	n.	24	nw.	10	8	10	13	6.2	.0	.0	6
Boise [1]	2,739	5	49	916.7	1,011.5	−2.4	62.2	+6.1	95	6	76	39	10	48	44	146	38	46	1.02	−.4	.52	6	10.1	nw.	33	nw.	8	11	10	10	5.6	.0	.0	3
Pocatello [1]	4,478	5	31	860.8	1,011.9	−.3	58.8	+5.8	88	7	73	36	29	45	42	207	35	48	1.30	−.4	.97	6	10.2	sw.	34	sw.	8	9	13	9	5.5	T	.0	4
Spokane [1]	1,929	27	42	945.1	1,013.5	−1.1	59.6	+4.1	89	25	74	38	22	45	40	185	40	54	.31	−1.1	.20	4	7.7	ne.	34	w.	20	7	14	10	6.0	.0	.0	2
Walla Walla	991	57	65	977.7	1,012.9	−2.0	66.0	+6.4	96	26	78	44	10	54	38	63	----	----	.37	−1.2	.33	3	5.3	s.	20	ne.	27	10	10	11	5.1	.0	.0	2
Yakima [1]	1,076	58	67	974.6	1,013.2	−1.7	65.0	+6.8	97	26	82	34	14	48	47	71	40	47	.03	−.4	.03	2	----	nw.	--	----	--	9	11	11	5.4	.0	.0	1
NORTH PACIFIC COAST							58.8	+4.1										72	1.01	−1.3											6.1			
North Head	211	5	55	1,010.2	1,017.6	−1.0	54.0	+3.1	86	23	59	44	3	49	35	348	48	84	.63	−2.3	.17	7	14.5	nw.	40	nw.	9	3	11	17	7.1	.0	.0	0
Seattle [3]	125	90	321	1,012.2	1,016.9	−.7	60.4	+3.8	86	25	70	43	10	51	32	163	47	68	.60	−1.3	.38	10	7.7	n.	27	s.	18	8	6	17	6.4	.0	.0	1
Tacoma	194	172	201	1,009.8	1,016.6	−1.0	58.8	+4.7	84	24	68	41	10	50	27	210	----	----	.16	−2.0	.09	5	8.4	n.	30	w.	26	12	8	11	5.1	.0	.0	1
Tatoosh Island	86	9	61	1,014.6	1,018.0	.0	52.0	+2.4	65	23	56	45	14	48	19	400	48	89	2.27	−1.7	1.12	8	11.4	s.	45	s.	26	4	6	21	7.5	.0	.0	0
Medford [1]	1,329	29	58	967.5	1,014.9	−1.7	62.2	+4.0	94	23	78	33	10	46	49	129	43	60	.91	−.2	.32	8	----	nw.	--	----	--	11	8	12	5.7	.0	.0	2
Portland, Oreg. [3]	154	68	106	1,010.8	1,016.6	−1.0	63.1	+6.2	93	26	73	46	17	53	33	109	48	66	.87	−1.3	.58	5	5.7	nw.	19	w.	9	7	11	13	6.0	.0	.0	0
Roseburg	510	45	76	998.0	1,016.6	−1.4	60.8	+4.8	94	23	74	37	10	47	47	154	46	65	1.63	−.3	.94	6	4.4	n.	20	n.	10	10	12	9	5.2	.0	.0	0
MIDDLE PACIFIC COAST							63.5	+3.9										64	.47	−.6											4.8			
Eureka	60	72	88	1,014.9	1,017.3	−1.7	53.9	+1.9	75	26	60	42	11	48	26	346	48	82	.17	−1.6	.11	3	7.8	n.	30	n.	18	6	10	15	6.2	.0	.0	0
Red Bluff [1]	353	5	26	999.0	1,011.5	----	73.2	+6.9	104	21	87	47	13	60	40	14	42	42	.87	−.3	41	4	9.1	se.	29	ne.	9	15	7	9	4.7	.0	.0	0
Sacramento [3]	66	92	115	1,009.5	1,011.9	−1.6	69.2	+5.9	102	20	84	46	13	55	40	24	49	58	.17	−.6	.11	3	7.6	sw.	29	nw.	10	20	5	6	3.4	.0	.0	0
San Francisco [3]	155	112	132	1,008.5	1,014.2	−1.4	57.8	+1.0	86	1	63	48	20	52	26	231	48	76	.67	−.1	.35	3	10.5	w.	27	w.	8	14	8	9	4.7	.0	.0	0
SOUTH PACIFIC COAST							67.0	+3.4										64	.16	−.2											5.3			
Fresno [1]	327	5	34	999.3	1,011.2	−2.0	73.0	+5.8	102	20	90	47	12	56	41	4	46	46	.20	−.2	.16	2	7.6	nw.	26	nw.	9	17	6	8	4.0	.0	.0	0
Los Angeles	338	223	250	1,001.7	1,013.9	−.3	64.0	+1.8	92	2	72	50	13	56	31	67	53	72	.12	−.3	.06	4	6.2	w.	19	w.	31	8	15	8	5.5	.0	.0	3
San Diego [1]	87	20	55	1,010.8	1,013.9	+.7	63.9	+2.6	82	2	70	54	28	57	25	45	54	74	.17	−.2	.09	3	7.7	sw.	26	sw.	10	4	16	11	6.3	.0	.0	2
ALASKA																																		
Anchorage [1]	132	6	44	1,005.8	1,010.8	----	46.6	+1.6	82	28	56	22	3	37	32	572	34	63	.57	+.1	.17	9	6.6	s.	26	s.	13	2	7	22	7.9	1.7	.0	0
Fairbanks [1]	455	5	63	992.2	1,009.1	----	48.8	+1.0	90	28	61	16	3	36	45	512	31	54	.36	−.3	.29	5	8.1	ne.	24	n.	31	4	11	16	6.8	.1	.0	0
Juneau [1]	80	6	30	1,012.5	1,015.6	----	47.7	−1.0	82	27	57	30	6	38	40	540	38	71	3.25	+.9	.77	17	7.3	n.	29	se.	14	8	3	20	6.6	.0	.0	0
Nome	22	10	75	1,006.8	1,007.4	----	38.6	+4.5	68	30	46	10	1	31	33	807	33	81	.66	.0	.38	10	13.5	e.	36	e.	3	2	10	19	7.4	1.4	T	0
Barrow	29	5	27	1,018.0	1,018.3	----	17.0	−2.6	36	24	23	−11	1	11	23	1,488	17	97	.06	−.1	.03	3	13.7	e.	35	e.	12	6	7	18	7.1	.6	7.5	0
Bethel	28	5	31	1,004.1	1,005.4	----	42.3	+2.0	74	31	50	21	1	34	23	706	35	77	.62	−.3	.23	11	8.6	s.	34	----	23	0	12	19	7.8	2.3	.0	0
Cordova	45	5	32	1,011.5	1,013.2	----	44.1	----	77	28	52	27	16	36	32	650	40	86	7.64	----	1.81	22	----	e.	35	se.	23	2	4	25	8.4	1.3	.0	0
Gambel	32	5	32	1,005.8	1,006.8	----	31.1	+1.4	50	28	35	10	1	28	17	1,051	29	93	.44	−.1	----	9	15.0	ne.	39	e.	3	0	4	27	9.0	.2	.0	0
Ketchikan	25	69	90	1,015.6	1,016.3	----	50.2	+1.6	80	27	58	35	4	42	34	460	41	74	6.37	−2.2	1.69	13	6.8	se.	24	e.	11	8	4	19	6.7	.0	.0	0
Kotzebue	20	5	31	1,008.8	1,009.5	----	37.4	+7.3	74	29	45	5	3	30	36	----	31	80	.25	−.1	----	6	12.0	e.	31	w.	30	3	12	16	7.0	.7	.0	0
McGrath	341	5	31	995.3	1,007.8	----	45.0	+1.0	80	28	55	9	3	35	37	618	34	68	.53	−.7	.21	10	----	s.	24	s.	23	1	7	23	7.8	1.0	.0	0
Northway	1,718	5	32	947.2	1,010.2	----	47.2	+1.3	88	28	60	18	3	35	43	558	32	59	.57	−.1	.36	6	6.0	nw.	28	----	12	4	7	20	7.3	.5	.0	1
HAWAII																																		
Honolulu	38	86	100	1,018.0	1,018.6	+1.3	74.4	−.4	82	31	79	66	4	70	12	0	65	72	2.79	+1.0	1.64	11	10.4	ne.	30	ne.	2	9	16	6	5.0	.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.