CLIMATOLOGICAL DATA FOR APRIL 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	66.0	+2.5	Dothan	92	8	Valley Head	32	18	6.82	+2.19	Thomasville	11.21	Flat Rock	2.67
Arizona	58.2	−.2	Wellton	103	[1] 16	Alpine	8	13	.04	−.62	Littlefield	.56	46 stations	.00
Arkansas	61.9	+.3	Hot Springs	89	6	Lead Hill	26	17	5.74	+.71	El Dorado	9.03	Viola	1.79
California	57.9	+1.8	2 stations	108	[1] 15	Ellery Lake	−4	4	.67	−.99	Volta	4.14	8 stations	.00
Colorado	43.0	−.8	Eversoll Ranch	86	21	Taylor Park	−11	12	1.55	−.26	Wray	7.87	Olathe	T
Florida	74.4	+4.4	2 stations	94	7	Carrabelle	37	18	5.05	+2.12	Marianna	11.18	Lake Trafford	.00
Georgia	66.4	+2.9	4 stations	92	[1] 7	2 stations	31	18	5.22	+1.34	Eastman	10.17	Dalton	2.99
Idaho	45.3	+.1	Orofino	90	26	Island Park Dam	−2	5	1.17	−.26	Pierce	4.14	Salmon	.01
Illinois	52.1	−.4	E. St. Louis	86	23	Marengo	24	13	6.42	+2.80	Wheaton	9.42	Rockford	3.42
Indiana	52.0	+.1	2 stations	85	[1] 10	3 stations	25	[1] 3	7.03	+3.40	La Porte	15.90	Columbia City	4.46
Iowa	47.0	−2.0	Knoxville	85	30	2 stations	19	[1] 7	5.06	+2.44	Davenport	8.13	Osage	2.35
Kansas	52.5	−2.3	Lawrence	91	30	Syracuse	21	6	4.67	+1.96	Winfield	11.07	Healy	.59
Kentucky	57.8	+1.5	2 stations	90	[1] 5	Quicksand	28	18	4.84	+.86	St. John	8.76	Pippapass	1.39
Louisiana	68.4	+1.2	Donaldsonville	93	25	Plain Dealing	35	17	6.86	+2.16	Urania	16.46	Cravens	.90
Maryland-Delaware.	54.5	+2.2	Cumberland, Md	90	5	2 stations, Del	20	[1] 4	2.74	−.74	Wilmington, Del	6.20	Luke, Md	1.41
Michigan	40.6	−2.2	2 stations	79	29	Watersweet	−5	13	4.85	+2.46	Niles	9.40	Curran	1.55
Minnesota	39.2	−3.8	Hallock	85	28	2 stations	6	8	3.40	+1.28	Canby	5.84	Baudette	.70
Mississippi	65.8	+1.1	Columbia	91	25	Batesville	32	17	7.89	+2.99	Ancona	12.76	Rosedale	3.39
Missouri	55.2	−.1	Union	90	23	Black (near)	22	17	6.78	+2.70	Neasho	12.28	Doniphan	3.22
Montana	43.2	−.1	Glendive	87	28	Circle	−2	7	.99	−.14	Mystic Lake	2.84	2 stations	.08
Nebraska	46.9	−2.4	Falls City	85	30	Mullen	12	7	2.76	+.35	Plattsmouth	7.08	Potter	.58
Nevada	49.7	+1.6	Overton	99	15	Seventy-one Ranch	10	4	.65	−.14	Lamoille	2.33	3 stations	.00
New England	42.2	−1.4	Waterbury, Conn	81	12	Fort Kent, Maine	0	29	3.54	+.20	Hatchville, Mass	7.20	Essex Junction, Vt	.75
New Jersey	50.6	+.8	Runyon	87	6	2 stations	18	[1] 1	4.33	+.72	Sussex	6.58	Pemberton	2.61
New Mexico	50.4	−1.2	Carlsbad	93	[1] 21	Truchas	−1	16	.42	−.47	Lake Maloya	3.08	13 stations	.00
New York	43.5	−.7	Port Jervis	82	6	Stillwater Reservoir	3	1	4.08	+1.06	Jamestown	8.07	Ticonderoga	1.14
North Carolina	61.0	+2.9	High Point	96	24	Mount Mitchell	19	17	3.44	−.14	Highlands	6.94	Waterville	1.56
North Dakota	39.9	−1.7	Towner	90	28	Golva	0	8	1.48	+.06	Casselton	4.11	Hansboro	.37
Ohio	50.7	+.9	Ironton	88	5	Millport	20	[1] 8	5.31	+2.10	Mt. Healthy	8.56	Dam No. 28	2.36
Oklahoma	59.0	−1.4	Altus	95	30	3 stations	25	[1] 6	6.87	+3.31	Oklahoma City	11.91	Kenton	1.35
Oregon	48.3	+1.1	Lake Creek	98	14	Olive Lake	5	8	1.84	−.14	Valsetz	7.96	Fremont	.22
Pennsylvania	49.1	+.5	Lancaster	85	6	2 stations	11	1	3.86	+.44	Erie	8.88	Hyndman	1.38
South Carolina	65.4	+3.0	Laurens	92	10	Walhalla	31	17	4.38	+1.10	Edgefield	7.91	McCormick	2.38
South Dakota	43.1	−2.8	Longvalley	86	14	Ralph	8	8	2.29	+.24	Wilmot	5.74	Redig	.85
Tennessee	60.7	+1.9	3 stations	87	[1] 5	2 stations	27	[1] 18	4.17	−.22	Halls	7.38	Gatlinburg	1.62
Texas	65.5	−.8	Riogrande	105	4	2 stations	23	[1] 13	2.28	−.71	Laredo	7.91	5 stations	.00
Utah	46.2	−.9	2 stations	88	[1] 14	Silver Lake	5	[1] 7	1.68	+.43	Alta	6.64	Mexican Hat	.03
Virginia	56.6	+2.0	3 stations	89	[1] 6	4 stations	20	[1] 1	2.47	−.79	Pedlar Dam	4.64	Luray	1.01
Washington	49.9	+1.3	Richland	92	27	Stockdill Ranch	17	6	2.51	+.05	Index	11.28	Ellensburg	.05
West Virginia	55.7	+3.8	Charleston	92	[1] 5	2 stations	17	[1] 2	2.11	−1.38	Canaan Valley	3.60	Moorefield	1.17
Wisconsin	41.5	−2.2	Menomonie	81	30	Rest Lake	0	13	3.91	+1.39	Darlington	6.86	Rib Falls	2.60
Wyoming	40.1	−.3	Basin	90	30	Lake Yellowstone	−11	8	1.63	+.01	Middle Fork	3.97	Powell	.27
Alaska (March)	15.8	+2.2	Tree Point Light Station.	59	[1] 18	Allakaket	−53	5	2.21	+.36	Little Port Walter	27.68	3 stations	T
Hawaii	70.7	+.9	Waianae	90	2	Haleakala R. S	39	5	4.58	−3.82	Makahanaloa	26.00	11 stations	.00
Puerto Rico	75.5	+1.0	Utuado	98	23	Utuado	51	5	2.67	−1.18	Toro Negro Reservoir	9.54	Santa Isabel	.25

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR APRIL 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							42.7	−0.3										73	3.89	+0.8											6.8			
Eastport	75	67	85	1,015.2	1,018.3	+4.4	37.8	−1.2	55	11	45	20	29	31	22	812	29	73	2.05	−.8	.59	16	11.6	sw.	35	e.	16	8	5	17	6.6	6.8	0.0	3
Greenville, Maine	1,070	6	41	977.7	1,018.0	+3.1	33.0	−4.1	64	12	44	6	29	21	37	960	24	70	2.30	−.6	.99	16	6.1	nw.	25	------	28	5	7	18	----	10.9	.6	0
Portland, Maine [1]	103	5	43	1,014.6	1,018.3	+3.4	41.2	+1.1	77	11	52	19	1	31	38	711	31	71	2.69	−.7	.78	10	10.3	s.	31	w.	27	7	7	16	6.6	1.1	.0	0
Concord [1]	289	4	45	1,007.8	1,018.6	+3.7	41.5	−.1	75	11	53	16	22	30	40	705	30	67	2.98	+.2	.62	15	8.3	nw.	30	nw.	27	5	8	17	7.1	5.8	.0	0
Burlington [1]	403	6	51	1,002.4	1,017.6	+2.7	40.6	−2.7	71	11	51	20	4	30	32	734	30	70	1.39	−.8	.65	10	11.9	s.	43	s.	11	4	6	20	7.2	3.3	.0	0
Boston [1]	124	33	62	1,014.2	1,018.6	+3.7	47.2	+.8	75	12	56	30	28	39	33	537	34	65	4.15	+.8	1.24	13	13.8	sw.	40	sw.	27	8	6	16	6.7	.6	.0	0
Nantucket [1]	12	4	34	1,019.0	1,019.6	+5.0	43.4	.0	58	15	50	25	1	37	22	649	39	86	6.07	+3.1	1.90	14	16.2	sw.	41	se.	16	7	5	18	6.9	.6	.0	2
Block Island	26	11	46	1,018.3	1,019.3	+4.4	44.5	+.5	58	30	50	32	4	39	18	618	40	89	5.86	+2.3	1.81	13	17.0	sw.	44	ne.	3	8	7	15	6.6	T	.0	1
Providence [1]	159	46	60	1,013.2	1,019.3	+4.1	48.0	+1.4	73	12	57	30	4	39	29	509	35	72	4.91	+1.7	1.41	12	11.3	sw.	51	sw.	27	5	13	12	6.6	.4	.0	1
Hartford [1]	159	5	44	1,013.2	1,019.3	+4.1	46.4	−.3	78	12	57	23	1	36	36	557	35	70	5.20	+1.8	1.66	13	10.6	s.	40	s.	27	5	11	14	6.9	.7	.0	1
New Haven [1]	107	5	39	1,015.6	1,019.6	+4.0	46.2	+1.3	70	12	55	25	1	38	25	566	36	72	5.21	+2.0	2.02	13	8.5	sw.	26	e.	16	6	7	17	6.7	T	.0	1
MIDDLE ATLANTIC							52.7	+1.5										70	4.26	+1.3											6.5			
Albany [1]	97	26	40	1,014.9	1,018.3	+2.7	43.4	−1.0	78	6	54	20	1	33	38	650	32	68	3.33	+1.2	.94	15	11.2	w.	40	w.	18	4	9	17	7.2	7.4	.0	1
Binghamton [2]	871	60	79	987.1	1,018.3	+2.7	45.8	+1.6	75	30	56	24	4	36	39	576	34	66	4.74	+2.3	1.88	13	7.4	w.	30	sw.	6	4	7	19	7.4	.5	.0	5
New York	314	415	454	1,007.5	1,019.0	+3.4	49.8	+.4	76	6	58	34	1	41	29	453	38	69	5.51	+2.3	1.88	11	14.5	s.	50	nw.	7	5	12	13	6.4	.0	.0	1
Harrisburg [1]	374	30	49	1,005.1	1,018.6	+2.7	52.1	+1.2	80	6	63	32	4	41	35	393	39	68	3.13	+.4	1.01	14	9.5	se.	31	sw.	6	4	9	17	7.1	.0	.0	1
Philadelphia [2]	114	5	57	1,014.9	1,019.0	+2.7	53.6	+1.5	81	6	63	35	22	44	30	354	41	71	6.76	+3.7	4.06	12	9.4	s.	23	w.	7	6	13	11	6.2	.0	.0	1
Reading	323	47	306	1,007.1	1,019.3	+3.4	52.4	+1.6	82	6	63	33	1	42	34	389	----	---	4.62	+1.4	1.46	12	12.6	se.	42	se.	16	9	10	11	6.2	.0	.0	1
Scranton	805	72	104	989.2	1,019.0	+3.1	47.6	−.5	78	30	57	30	28	38	38	522	----	---	6.64	+3.9	2.54	16	7.5	n.	26	nw.	27	6	8	16	6.5	.0	.0	3
Atlantic City	52	37	172	1,017.6	1,019.6	+3.7	48.8	+1.0	67	7	54	36	4	43	23	481	42	81	4.16	+1.2	1.27	13	17.9	s.	49	ne.	21	6	9	15	6.5	.0	.0	1
Trenton	190	89	107	1,012.2	1,019.3	+3.7	51.8	+2.0	79	6	62	33	1	42	32	408	----	---	4.63	+1.7	1.88	11	10.8	s.	30	s.	27	6	11	13	6.4	T	.0	1
Baltimore [2]	123	100	215	1,014.6	1,019.3	+3.4	55.8	+2.2	85	6	66	37	1	46	34	302	41	68	5.56	+2.2	3.64	8	11.9	s.	35	sw.	5	6	12	12	6.1	.0	.0	2
Washington [2]	112	56	100	1,014.9	1,019.0	+3.1	57.4	+4.1	89	6	69	37	4	46	34	255	42	62	3.37	+0.1	1.13	12	9.1	s.	29	w.	6	6	8	16	6.7	.0	.0	2
Cape Henry	18	8	54	1,018.6	1,019.3	+3.0	57.8	+3.2	89	6	67	37	1	49	36	246	48	76	3.46	+.2	.80	8	12.8	s.	34	n.	26	9	7	14	6.2	.0	.0	2
Lynchburg [1]	686	4	50	993.9	1,018.6	+2.3	57.4	+1.8	83	6	69	33	18	46	40	244	44	68	2.93	.0	1.09	9	9.8	s.	29	s.	20	6	8	16	6.4	.0	.0	1
Norfolk [2]	91	80	125	1,016.6	1,020.0	+3.4	59.0	+2.2	86	6	68	40	1	49	34	216	48	74	2.92	−.3	.75	11	11.6	ne.	25	s.	11	8	7	15	6.5	.0	.0	1
Richmond [2]	144	11	52	1,013.2	1,018.6	+2.3	58.2	+1.6	84	20	70	33	4	47	36	229	45	70	2.20	−1.3	.72	10	9.4	s.	27	s.	30	6	12	12	6.0	.0	.0	1
SOUTH ATLANTIC							64.6	+3.4										77	3.72	+0.6											6.5			
Asheville	2,253	77	92	939.4	1,018.3	+1.7	58.8	+4.9	80	25	70	32	18	48	39	190	46	72	2.42	−.6	1.04	12	9.6	se.	28	se.	30	4	11	15	6.6	.0	.0	2
Charlotte [2]	779	63	86	990.9	1,019.0	+2.4	63.2	+3.4	85	25	73	40	18	53	32	103	49	69	2.20	−1.1	.59	13	7.8	sw.	25	s.	11	4	9	17	7.0	.0	.0	4
Greensboro [1]	886	6	56	987.5	1,019.3	+2.4	60.2	+3.9	84	25	72	32	18	48	40	175	48	72	2.65	−.9	.68	10	9.4	sw.	26	s.	11	4	7	19	7.1	.0	.0	2
Hatteras	11	5	50	1,019.3	1,019.6	+3.3	60.1	+.3	74	7	66	46	28	54	19	157	56	90	3.64	+.1	1.34	7	13.6	sw.	32	sw.	9	6	7	17	7.0	.0	.0	3
Raleigh [2]	376	5	69	1,005.4	1,019.0	+2.4	62.1	+2.7	86	25	73	37	1	51	35	136	50	76	3.08	−.4	.95	10	8.5	sw.	28	sw.	6	5	10	15	6.4	.0	.0	5
Wilmington	72	73	107	1,017.3	1,019.6	+2.7	63.7	+1.7	85	7	72	42	1	55	27	84	56	81	3.72	+1.1	.99	9	11.0	s.	28	sw.	6	10	8	12	5.6	.0	.0	4
Charleston [2]	48	11	92	1,017.3	1,019.0	+2.1	67.2	+2.7	83	7	74	52	18	60	21	35	58	84	4.37	+1.8	1.61	11	11.2	s.	30	ne.	10	5	13	12	6.0	.0	.0	6
Columbia, S. C. [2]	347	70	91	1,006.1	1,018.6	+1.7	67.2	+3.9	88	25	78	43	18	56	32	40	54	70	5.18	+2.3	1.22	10	9.2	s.	27	s.	11	11	9	10	5.5	.0	.0	4
Greenville, S. C. [1]	1,040	18	36	981.4	1,018.6	+2.0	62.9	+4.3	83	25	73	38	18	53	33	100	48	69	2.58	−1.1	1.02	14	10.1	ne.	34	n.	26	4	6	20	7.3	.0	.0	2
Augusta [2]	182	62	77	1,011.9	1,018.3	+2.0	67.8	+3.6	88	25	79	42	18	57	33	32	54	71	6.23	+3.1	2.05	11	6.5	s.	19	s.	11	4	12	14	6.3	.0	.0	6
Savannah [1]	65	73	152	1,016.6	1,019.0	+2.1	69.2	+4.9	90	9	78	47	19	60	31	25	62	85	4.29	+1.7	1.56	9	10.4	se.	33	sw.	30	3	13	14	6.8	.0	.0	7
Jacksonville [2]	43	86	110	1,017.3	1,018.6	+1.3	73.0	+4.3	90	6	81	52	19	65	27	7	64	82	4.22	+1.8	1.48	13	8.4	s.	30	sw.	16	6	6	18	6.9	.0	.0	7
FLORIDA PENINSULA							77.8	+4.3										79	3.58	+1.3											5.1			
Key West [2]	21	10	64	1,016.3	1,016.9	+1.0	80.3	+4.6	89	17	85	72	17	76	17	0	70	78	1.17	−.1	.46	8	9.5	e.	36	nw.	17	10	18	2	4.4	.0	.0	1
Miami [2]	25	242	249	1,016.9	1,018.0	+1.1	76.4	+2.5	83	17	80	66	2	73	15	0	69	80	6.02	+2.6	4.09	7	13.9	se.	38	se.	13	10	12	8	5.1	.0	.0	6
Tampa [1]	35	6	43	1,016.9	1,018.0	+1.1	76.6	+5.7	90	7	86	61	1	67	26	0	66	80	3.54	+1.5	1.75	7	8.3	se.	28	sw.	16	6	16	8	5.8	.0	.0	7
EAST GULF							66.8	+2.2										79	7.16	+2.9											7.1			
Atlanta [1]	1,173	33	72	976.6	1,018.0	+1.4	63.4	+2.3	84	8	74	39	18	53	33	84	50	70	5.24	+1.5	1.53	12	11.0	nw.	35	s.	11	3	8	19	7.3	.0	.0	2
Macon [2]	370	79	87	1,004.7	1,018.0	+1.4	67.1	+3.2	86	5	78	41	18	56	34	39	54	70	4.07	+.9	1.36	9	6.8	nw.	27	nw.	11	3	10	17	7.4	.0	.0	7
Apalachicola	35	11	51	1,016.6	1,018.0	+1.1	70.0	+2.9	85	26	76	53	18	64	23	9	64	86	6.36	+3.6	2.43	9	8.3	se.	26	n.	23	6	11	13	6.4	.0	.0	9
Pensacola [2]	56	54	79	1,015.9	1,018.0	+1.1	69.3	+2.6	82	27	76	49	18	62	23	15	62	82	7.59	+3.6	2.57	8	7.9	se.	26	nw.	20	5	11	14	6.3	.0	.0	6
Anniston	741	9	----	------	------	----	64.3	+3.1	88	8	76	36	18	53	39	70	----	---	6.26	+1.9	2.20	11	----	se.	--	------	--	4	14	12	----	.0	.0	7
Birmingham [1]	700	5	62	992.9	1,018.0	+1.1	63.8	+2.1	87	8	74	37	18	53	35	84	52	74	7.28	+2.5	2.00	11	8.8	se.	33	se.	1	3	6	21	7.4	.0	.0	8
Mobile [2]	57	86	161	1,015.6	1,017.3	+0.7	69.4	+3.1	83	7	78	47	18	61	25	13	61	84	9.49	+4.9	3.83	13	8.1	s.	30	n.	1	3	12	15	7.1	.0	.0	5
Montgomery [2]	218	92	105	1,009.8	1,018.0	+1.1	66.6	+1.3	88	8	75	45	18	58	31	37	57	80	7.09	+2.8	1.65	15	7.1	e.	30	e.	1	3	10	17	7.3	.0	.0	5
Meridian [2]	375	67	92	1,003.7	1,017.3	+1.0	65.3	+1.3	85	5	75	39	18	56	34	66	56	80	8.31	+3.5	1.81	14	6.5	s.	34	se.	1	5	4	21	7.4	.0	.0	10
Vicksburg [2]	247	82	102	1,007.5	1,016.3	.0	66.1	+.5	85	4	75	47	17	57	29	51	57	84	8.12	+2.9	2.83	14	9.1	se.	30	s.	5	4	4	22	7.6	.0	.0	9
New Orleans [4]	53	50	84	1,014.6	1,016.6	+.3	70.0	------	84	9	78	48	18	62	27	9	64	82	9.01	+3.8	2.57	9	6.9	se.	20	s.	1	5	6	19	7.2	.0	.0	6
WEST GULF							67.4	+4.6										76	2.89	−0.1											8.0			
Shreveport [1]	249	5	64	1,006.1	1,014.9	−.3	67.1	+2.3	87	30	77	41	17	58	32	48	56	75	6.40	+1.8	4.17	12	10.8	s.	37	s.	4	4	7	19	7.3	.0	.0	10
Fort Smith [1]	463	57	82	997.6	1,013.9	.0	61.2	−.6	85	30	73	35	17	50	37	144	50	70	5.88	+1.9	1.29	14	9.3	e.	38	n.	8	7	8	15	6.3	.0	.0	14
Little Rock [1]	357	26	58	1,006.1	1,015.6	+.7	62.4	+.3	83	30	72	38	17	53	35	117	48	66	6.10	+9.1	2.28	11	10.0	sw.	36	sw.	19	5	8	17	6.8	.0	.0	8
Austin [1]	605	10	41	992.6	1,014.2	+.7	66.1	−1.7	86	30	76	39	17	57	38	91	56	76	2.24	−2.1	1.38	13	11.0	s.	30	se.	9	6	5	19	6.9	.0	.0	4
Brownsville [1]	57	5	54	1,009.8	1,011.9	−.6	74.4	+.7	88	7	83	48	6	66	32	8	66	84	1.44	−.3	.93	4	13.8	se.	34	se.	4	3	11	16	7.3	.0	.0	3
Corpus Christi [1]	20	4	33	1,012.5	1,013.5	.0	71.2	+2.2	89	5	80	50	14	63	36	22	64	83	1.48	------	.84	6	14.2	se.	35	se.	29	6	7	17	6.7	.0	.0	3
Dallas [1]	512	5	45	995.3	1,013.9	.0	65.4	+.3	93	30	76	36	17	55	33	95	54	72	3.81	−.4	1.41	12	13.5	s.	43	w.	10	7	7	16	6.4	.0	.0	8
Fort Worth [1]	679	40	56	989.5	1,013.5	.0	65.0	+.9	93	30	76	37	17	54	34	104	52	71	2.98	−1.0	1.10	11	13.9	s.	41	w.	5	8	9	13	6.2	.0	.0	7
Galveston [2]	54	106	114	1,013.2	1,014.9	−.3	68.4	−.3	80	5	73	52	17	64	20	18	64	90	1.24	−1.8	.49	7	13.3	se.	31	w.	11	5	7	18	7.2	.0	.0	4
Houston [2]	138	157	190	1,009.8	1,014.9	.0	69.8	+.5	85	30	78	43	17	61	28	33	60	80	1.19	−2.4	.60	13	12.6	se.	30	se.	12	7	4	19	6.7	.0	.0	4
Palestine	510	64	72	997.0	1,015.2	−.3	66.8	+.8	87	30	76	41	17	58	32	69	54	70	1.91	−2.5	.87	11	9.0	s.	28	s.	4	6	8	16	6.7	.0	.0	2
Port Arthur [2]	34	59	134	1,013.9	1,015.2	.0	70.0	+1.5	82	24	77	47	17	63	22	16	62	82	2.56	−.4	1.57	8	14.4	s.	34	s.	4	8	5	17	6.5	.0	.0	3
San Antonio [1]	693	8	51	985.8	1,010.2	−3.0	68.2	−.9	89	9	79	37	17	57	44	61	56	72	.30	−2.9	.22	6	10.8	se.	32	nw.	5	7	5	18	6.6	.0	.0	1

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR APRIL 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																																		
							55.8	+2.0										72	4.74	+1.0											6.9			
Chattanooga [1]	762	6	66	990.2	1,018.0	+1.4	62.0	+4.4	82	5	74	34	18	50	40	109	50	72	3.33	−1.5	.97	10	8.6	s.	33	nw.	5	6	4	20	7.0	.0	.0	6
Knoxville [1]	995	27	53	982.1	1,018.0	+1.7	61.9	+4.6	82	20	74	36	18	50	36	115	48	68	2.42	−1.7	.80	12	9.5	sw.	47	w.	11	5	6	19	7.2	.0	.0	1
Memphis [4]	399	5	86	1,001.7	1,015.9	.0	62.8	+1.0	85	10	73	37	17	53	33	107	52	72	4.56	−.2	1.62	15	8.8	s.	30	s.	5	7	8	15	6.3	.0	.0	11
Nashville [1]	546	5	72	997.3	1,016.9	+.3	61.0	+2.0	84	5	72	38	3	50	36	146	48	70	3.56	−.6	.94	12	10.4	s.	35	sw.	5	6	7	17	6.7	.0	.0	7
Lexington [1]	989	4	28	980.7	1,017.3	+.7	55.2	+.9	78	23	66	34	26	45	31	296	46	75	4.83	+1.3	1.41	14	----	s.	--	------	--	5	10	15	6.7	.0	.0	3
Louisville [1]	525	106	120	997.6	1,016.6	+.3	57.0	+2.2	83	5	67	34	17	47	32	252	46	72	6.26	+2.4	1.55	15	10.0	n.	38	s.	5	6	6	18	7.0	.0	.0	6
Evansville [1]	431	11	40	1,000.7	1,015.9	.0	56.0	+1.1	84	10	67	33	17	45	34	285	46	74	5.48	+1.6	1.58	14	10.7	s.	43	s.	5	7	4	19	7.0	.0	.0	8
Indianapolis [1]	823	5	54	985.4	1,015.6	−.3	50.6	−.2	79	10	61	30	13	40	31	433	42	76	5.82	------	1.56	13	13.1	ne.	46	w.	5	4	8	18	7.1	T	.0	7
Terre Haute [2]	575	68	149	995.6	1,016.6	+1.4	52.4	−.1	79	10	63	31	17	42	36	380	44	77	5.95	+2.3	1.58	13	12.8	s.	45	s.	5	6	7	17	6.8	.0	.0	8
Cincinnati [2]	627	11	51	993.9	1,016.9	+.3	55.4	+3.0	82	5	65	34	13	46	33	294	43	76	8.37	+5.2	1.17	15	5.2	se.	17	se.	5	4	10	16	6.7	.0	.0	5
Columbus [2]	822	90	110	987.1	1,016.9	+1.0	52.0	+.8	82	5	62	32	13	42	31	392	42	77	5.30	+2.4	1.53	15	11.8	s.	49	sw.	11	6	6	18	6.9	.0	.0	5
Dayton [1]	1,003	6	55	980.4	1,016.9	+1.0	49.7	−.8	79	5	60	28	17	39	32	463	41	78	6.69	+3.5	1.96	14	13.9	ne.	50	w.	5	5	10	15	7.0	T	.0	4
Elkins [1]	1,947	4	45	948.5	1,018.0	+1.1	52.8	+5.4	83	20	67	23	8	38	52	371	40	69	2.58	−1.0	.76	12	9.4	s.	34	w.	6	6	7	17	6.8	.0	.0	2
Parkersburg	637	77	84	994.2	1,017.6	+1.0	56.3	+2.9	85	5	68	30	8	44	45	273	40	62	3.38	+.2	1.09	16	7.8	nw.	25	nw.	29	4	10	16	7.0	.0	.0	2
Pittsburgh [1]	842	39	54	986.5	1,017.3	+.7	52.0	+2.8	82	5	64	30	8	40	39	394	38	65	2.51	−.4	1.22	14	12.4	sw.	56	w.	6	3	7	20	7.4	T	.0	1
LOWER LAKES																																		
							44.7	−0.1										72	4.58	+2.0											7.4			
Buffalo [1]	768	34	96	988.8	1,017.6	+2.0	43.4	−.4	75	11	53	24	28	34	33	650	34	74	3.95	+1.4	1.19	17	15.6	sw.	47	sw.	27	2	6	22	7.9	4.0	.0	2
Canton	448	10	61	1,001.0	1,017.3	+2.7	40.2	−1.7	72	11	50	21	4	30	36	744	29	66	2.38	+.2	.83	14	10.3	w.	30	w.	6	3	11	16	7.2	2.2	.0	0
Oswego	335	71	85	1,005.4	1,018.0	+2.8	43.0	+.4	74	11	51	23	4	35	32	662	32	67	2.94	+.6	.59	15	10.6	w.	25	se.	11	4	9	17	7.2	2.9	.0	0
Rochester [1]	523	5	69	998.3	1,018.0	+2.1	44.5	+1.6	77	11	54	25	4	34	40	619	34	70	4.34	+2.0	1.28	14	12.4	w.	40	w.	24	2	9	19	7.5	5.3	.0	0
Syracuse [1]	596	5	57	995.9	1,018.3	+2.7	44.7	+1.7	75	11	55	20	4	34	36	610	34	69	3.20	+.7	.97	15	12.1	sw.	38	s.	11	2	7	21	7.7	5.3	.0	0
Erie [2]	714	57	81	991.2	1,017.6	+2.0	45.2	+.1	78	23	54	29	3	36	32	593	36	76	8.88	+6.2	3.16	18	10.4	ne.	31	sw.	6	4	11	15	7.0	T	.0	.4
Cleveland [1]	762	27	54	988.8	1,016.9	+1.3	46.8	+.6	79	5	57	25	28	37	37	547	38	74	4.38	+1.9	1.08	17	13.3	ne.	46	w.	6	4	7	19	7.3	T	.0	2
Sandusky	629	5	67	993.6	1,016.9	+.3	47.0	−.2	80	5	56	31	17	38	36	543	------	---	3.54	+1.0	.80	16	11.9	sw.	40	sw.	6	5	7	18	7.2	T	.0	4
Toledo [1]	628	5	47	993.2	1,016.6	+.7	45.8	−.4	76	5	55	28	14	36	36	577	37	74	4.24	+1.6	1.33	14	14.8	sw.	47	sw.	6	2	8	20	7.8	1.5	.0	5
Fort Wayne [1]	857	5	33	984.8	1,016.3	+.4	46.9	−1.8	75	10	57	28	3	37	32	544	38	76	5.70	+2.6	1.40	15	12.0	ne.	44	sw.	6	3	9	18	7.4	.4	.0	7
Detroit [1]	730	5	78	989.8	1,016.6	+.7	44.7	−.9	73	23	54	27	3	36	32	609	35	72	6.89	+4.4	2.94	17	11.0	ne.	37	nw.	6	3	9	18	7.5	3.3	.0	2
UPPER LAKES																																		
							39.7	−1.6										75	4.58	+2.1											6.8			
Alpena	609	5	89	993.6	1,016.3	+.4	37.8	−.8	77	29	45	22	19	30	34	818	30	76	2.98	+.7	.92	15	11.5	nw.	30	nw.	27	2	11	17	7.3	1.4	.0	3
Escanaba	612	51	72	------	1,016.3	.0	36.1	−1.8	57	29	43	19	13	29	20	867	29	76	3.15	+.9	1.65	12	10.5	s.	33	n.	12	8	14	8	5.9	.1	.0	1
Grand Rapids [2]	707	70	244	989.8	1,015.9	.0	45.5	−1.5	72	23	54	27	13	37	26	584	34	73	6.47	+3.7	1.88	19	13.2	sw.	60	sw.	5	4	8	18	7.2	3.0	.0	7
Lansing [2]	878	5	90	984.1	1,016.6	+1.0	43.8	−1.8	73	23	54	25	3	34	32	633	34	72	6.39	+3.8	2.62	16	10.3	sw.	30	sw.	6	3	9	18	7.4	4.2	.0	6
Marquette	734	44	73	988.2	1,015.9	−.7	34.2	−3.6	76	29	41	15	13	27	34	922	26	73	5.28	+2.8	2.43	13	8.0	n.	26	sw.	28	5	12	13	6.5	12.2	.0	.1
Sault Sainte Marie[1]	614	11	52	993.2	1,016.6	+.3	33.2	−3.3	61	29	41	17	13	25	28	956	26	77	3.23	+1.1	1.33	13	11.8	e.	34	w.	18	4	9	17	6.8	1.9	.0	1
Chicago [1]	673	5	36	990.9	1,015.6	−.3	46.6	−.3	77	23	56	30	28	38	35	549	37	74	8.33	+5.8	4.08	16	11.6	s.	40	sw.	5	2	12	16	7.3	.1	.0	5
Green Bay	617	5	32	992.6	1,015.6	+.4	40.8	−2.4	70	29	50	24	3	32	30	727	31	72	3.25	+.6	1.43	12	9.3	n.	33	sw.	5	4	8	18	7.2	.2	.0	3
Milwaukee [1]	681	33	66	990.2	1,015.6	.0	42.8	+.6	69	26	51	28	12	35	32	665	36	79	3.68	+1.0	1.06	15	14.7	ne.	60	sw.	5	2	10	18	7.4	.9	.0	3
Duluth [2]	1,133	5	47	973.6	1,015.6	−.3	36.1	−.9	73	29	44	18	12	29	28	866	27	78	3.07	+1.0	1.05	13	13.1	ne.	43	ne.	5	12	6	12	5.5	10.3	.0	0
NORTH DAKOTA																																		
							40.1	0.0										74	1.78	+0.1											7.1			
Fargo [1]	940	6	47	980.7	1,015.6	+3.1	39.5	−1.1	82	28	48	18	7	31	40	767	32	80	3.69	+1.5	1.25	11	13.1	n.	41	n.	5	5	9	16	6.8	7.5	.0	1
Bismarck [1]	1,677	5	43	954.3	1,015.9	+.3	41.4	+1.0	84	28	52	15	8	31	42	708	32	73	.90	−.6	.47	8	11.3	nw.	36	nw.	26	4	7	19	7.6	10.2	.0	0
Devils Lake	1,478	11	44	961.4	1,015.9	.0	39.6	+.8	85	28	50	16	6	29	45	760	29	70	.70	−.8	.17	10	9.7	nw.	34	ne.	5	6	8	16	7.0	3.1	.0	0
Grand Forks [1]	832	4	41	985.1	1,016.3	+.7	38.6	------	84	28	48	20	7	29	48	795	31	78	2.02	------	.50	12	----	s.	--	------	--	4	10	16	----	2.1	.0	0
Williston	1,878	42	50	946.8	1,014.9	−.3	41.2	−.8	83	28	52	8	7	31	40	711	29	67	1.59	+.4	1.06	11	8.1	nw.	28	nw.	30	5	8	17	6.9	10.6	.0	1
UPPER MISSISSIPPI																																		
							48.8	−1.2										75	5.57	+2.6											7.2			
Minneapolis-St. Paul [1]	919	43	74	980.4	1,014.6	+.4	42.1	−4.3	81	30	50	26	12	34	38	685	33	73	2.44	+.2	.40	15	11.3	nw.	34	w.	26	2	8	20	7.8	2.0	.0	2
La Crosse [1]	714	5	29	988.2	1,014.9	.0	42.8	−2.8	76	30	52	26	12	34	34	663	34	76	3.38	+1.0	.79	16	9.4	nw.	34	sw.	6	4	7	19	7.4	2.7	.0	5
Madison [2]	974	70	78	979.3	1,014.9	−.7	44.4	−1.0	72	30	55	26	12	34	33	617	36	76	4.86	+2.1	1.87	16	12.9	sw.	54	sw.	5	3	8	19	7.6	2.2	.0	5
Charles City	1,015	10	51	978.0	1,015.2	.0	44.1	−2.3	81	30	53	27	12	35	35	629	------	---	3.63	+1.1	1.16	12	7.6	nw.	27	sw.	5	8	5	17	6.9	.8	.0	5
Moline [1]	606	6	50	992.9	1,015.2	.0	48.8	.0	77	30	59	31	18	39	39	487	38	72	7.36	+4.7	2.56	13	12.8	w.	52	sw.	5	6	5	19	7.3	T	.0	7
Dubuque	699	60	79	989.5	1,014.9	−.3	47.0	−1.6	79	30	56	30	12	38	32	544	38	72	6.84	+4.0	2.48	11	6.8	se.	24	sw.	6	5	7	18	7.1	3.0	.0	5
Burlington [1]	702	4	36	989.2	1,014.9	−.3	49.8	−1.6	80	30	60	30	7	39	42	459	40	78	6.40	+3.2	2.99	13	12.6	ne.	52	w.	5	5	7	18	7.2	3.4	.0	7
Cairo	357	5	99	1,003.1	1,015.9	+1.0	59.8	+.7	84	10	69	38	17	50	28	186	------	---	6.30	+2.6	1.79	13	11.2	ne.	40	sw.	5	8	4	18	6.5	T	.0	8
Peoria [1]	609	6	26	993.9	1,016.3	+.7	49.8	−.1	77	23	60	31	7	40	39	456	40	75	8.66	+5.3	3.39	12	12.4	e.	54	sw.	5	5	4	21	7.5	T	.0	6
Springfield, Ill [2]	636	5	191	992.2	1,015.9	+1.0	52.5	−.2	80	23	62	34	13	43	34	380	42	77	5.18	+1.7	1.20	14	13.4	s.	43	s.	5	6	5	19	6.9	.0	.0	8
St. Louis [2]	568	35	303	994.6	1,015.2	.0	55.9	−.2	85	23	65	37	16	47	26	------	------	72	6.18	+2.4	2.07	14	13.8	s.	49	sw.	10	8	5	17	----	.0	.0	5
MISSOURI VALLEY																																		
							50.1	−1.3										74	5.28	+2.4											6.9			
Columbia, Mo. [2]	784	6	66	986.5	1,014.9	+.3	54.0	−.8	83	30	64	33	2	44	34	346	42	71	6.45	+2.7	1.79	14	9.2	sw.	35	sw.	5	11	9	10	5.8	.0	.0	11
Kansas City [1]	963	39	76	979.7	1,014.9	+.3	54.0	−.8	85	30	64	34	16	44	30	342	42	70	7.76	+4.2	2.27	19	12.4	n.	44	sw.	5	6	7	17	6.8	T	.0	9
St. Joseph [2]	967	11	49	979.7	1,014.6	+.4	53.0	−.5	85	30	63	32	16	43	30	371	42	74	5.60	+2.4	1.20	18	9.9	e.	34	w.	5	11	9	10	5.1	T	.0	7
Springfield, Mo. [1]	1,324	5	67	967.2	1,014.9	−1.0	55.9	+.7	87	23	67	31	17	45	39	287	44	72	7.38	+3.5	3.00	13	14.8	s.	52	sw.	5	8	3	19	6.8	.0	.0	11
Topeka [2]	987	65	87	978.7	1,014.6	+.7	53.6	−1.1	89	30	64	31	15	43	35	356	43	76	5.85	+3.1	1.70	16	10.3	n.	30	w.	5	5	8	17	6.9	T	.0	8
Lincoln [2]	1,189	11	81	971.6	1,014.9	+.7	49.2	−2.3	81	30	59	28	16	40	34	472	40	77	5.45	+2.9	1.65	12	10.6	n.	39	w.	6	6	4	20	7.3	.2	.0	9
Omaha [1]	1,105	5	68	974.6	1,015.2	+.6	48.6	−2.4	80	30	58	28	7	39	31	495	38	74	6.31	+3.8	2.53	12	12.7	nw.	35	w.	5	5	4	21	7.3	T	.0	5
Valentine	2,598	46	54	922.5	1,014.9	+.3	44.1	−1.6	77	29	55	24	16	33	41	624	32	69	1.76	−.1	.54	12	9.9	n.	36	nw.	5	6	8	16	7.1	3.4	.0	4
Sioux City [1]	1,138	5	40	973.2	1,014.9	+.3	45.9	−1.3	78	28	57	24	20	35	42	573	36	76	3.47	+.8	1.10	11	11.4	nw.	46	w.	5	4	6	20	7.6	1.9	.0	3
Huron [1]	1,301	5	41	967.8	1,015.6	+.4	42.4	−2.7	81	29	52	21	7	33	37	677	35	81	2.75	+.5	1.17	17	13.4	nw.	45	nw.	6	2	9	19	7.9	8.6	.0	2
NORTHERN SLOPE																																		
							44.1	+0.2										64	1.40	−0.1											7.2			
Billings [1]	3,570	16	40	890.6	1,015.2	.0	45.5	−.5	77	28	56	20	7	34	38	586	32	66	1.24	------	.39	13	12.2	sw.	56	nw.	30	2	9	19	7.5	3.9	.0	2
Havre	2,507	11	67	926.2	1,015.9	+1.0	46.6	+2.9	81	28	58	19	6	36	38	552	30	60	.85	−.1	.31	12	9.6	sw.	33	nw.	30	1	9	20	7.7	3.1	.0	1
Helena [1]	4,124	5	43	873.7	1,017.3	+2.4	44.3	+.8	75	27	55	21	16	33	43	622	30	62	.81	−.3	.30	9	10.1	w.	42	n.	14	3	10	17	7.1	1.3	.0	0
Missoula [1]	3,205	4	32	903.2	1,018.3	+3.4	45.6	+1.7	78	27	58	26	8	34	42	584	30	61	.38	−.5	.10	10	7.0	w.	36	n.	14	3	11	16	7.2	T	.0	0
Kalispell	2,973	48	56	912.3	1,016.3	+1.7	45.6	+2.0	75	27	56	28	8	35	36	586	31	60	.65	−.2	.15	9	6.3	w.	34	ne.	14	2	11	17	7.1	.8	.0	0
Miles City [1]	2,371	5	78	930.9	1,016.3	+.4	43.6	------	85	28	55	16	8	32	40	636	32	70	1.84	------	1.36	8	----	w.	--	------	--	4	8	18	7.5	12.1	.0	1
Rapid City [1]	3,259	5	63	900.1	1,015.2	−.4	43.3	−.8	76	29	55	19	7	31	45	653	32	69	1.47	.0	.62	10	14.6	nw.	61	nw.	5	5	11	14	6.7	5.6	.0	0
Cheyenne [1]	6,094	5	40	810.7	1,014.2	+.7	40.0	−.9	70	20	52	18	16	28	40	750	26	64	1.55	−.4	.37	13	12.4	nw.	40	nw.	30	2	11	17	7.0	6.7	.0	3
Lander [1]	5,352	60	68	834.1	1,015.9	+2.0	40.8	−1.6	71	14	52	16	5	29	35	724	26	62	2.80	+.7	.71	9	7.4	sw.	30	w.	17	3	14	13	6.7	17.7	.0	2
Sheridan [1]	3,790	5	38	883.5	1,016.3	+1.4	43.0	−.3	75	14	55	20	6	31	42	660	28	64	1.89	.0	.48	14	9.7	nw.	46	nw.	30	4	11	15	7.1	4.9	.0	0
North Platte [2]	2,821	11	51	915.0	1,014.6	+.4	47.1	−1.5	77	29	59	25	16	35	42	537	34	72	1.94	−.1	.51	13	8.5	n.	26	w.	30	2	9	19	7.4	5.4	.0	6

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR APRIL 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							52.5	−1.6										70	5.19	+2.6											6.7			
Denver [2]	5,292	106	113	835.8	1,013.2	+.7	46.8	−.3	75	20	57	27	15	36	32	549	28	58	1.33	−.7	.44	12	8.4	n.	38	n.	15	2	17	11	6.6	2.5	.0	1
Pueblo [1]	4,690	5	36	854.4	1,012.9	+1.0	49.2	−.2	82	30	64	25	17	35	51	473	30	57	1.25	−.1	1.00	8	10.1	nw.	42	n.	10	3	17	10	6.3	2.5	.0	1
Concordia	1,392	50	58	964.4	1,014.9	+.7	50.3	−3.2	84	30	60	30	16	40	36	444	40	74	3.85	+1.5	1.95	12	8.6	n.	26	nw.	5	6	9	15	6.7	.8	.0	6
Dodge City [1]	2,509	5	58	925.2	1,013.2	−.3	50.3	−3.3	83	30	61	30	16	39	38	445	40	74	3.59	+1.6	1.66	10	16.5	se.	43	nw.	5	5	6	19	7.3	1.1	.0	3
Wichita [1]	1,358	6	64	964.4	1,012.9	−.3	53.6	−2.8	83	30	64	30	16	44	32	352	44	74	5.20	+2.3	1.72	11	17.2	se.	45	se.	10	5	9	16	7.1	T	.0	6
Oklahoma City [2]	1,214	10	47	970.2	1,013.2	.0	58.7	−1.1	87	30	69	35	16	48	33	217	49	78	11.91	+8.6	3.52	14	10.9	s.	29	w.	8	5	10	15	6.8	.0	.0	8
Tulsa [1]	674	10	60	989.2	1,013.2	-----	58.8	−.1	84	30	69	38	16	49	33	211	48	73	9.23	+5.0	2.67	13	13.9	sw.	36	s.	18	6	10	14	6.4	.0	.0	12
SOUTHERN SLOPE							61.0	−1.0										59	1.09	−0.8											5.8			
Abilene [1]	1,738	4	59	951.6	1,012.2	−3.4	63.4	+.4	93	30	76	30	17	51	39	152	48	66	1.16	−1.6	.50	8	18.1	s.	42	sw.	19	8	4	18	6.5	.0	.0	4
Amarillo [1]	3,676	5	42	886.9	1,012.6	+.4	52.8	−1.0	84	22	65	29	16	40	41	374	39	68	2.07	+.2	.66	9	16.2	n.	42	s.	9	7	7	16	6.3	6.4	.0	2
Del Rio	960	63	71	978.7	1,011.5	−2.4	69.6	−1.0	93	4	80	43	15	59	38	61	52	59	.64	−1.2	.46	3	10.5	se.	35	nw.	4	11	5	14	5.7	.0	.0	2
Roswell	3,566	75	85	891.0	1,011.9	−1.1	58.2	−2.4	89	21	73	31	17	43	48	228	30	43	.48	−.4	.39	3	10.0	s.	35	sw.	9	13	6	11	4.8	.0	.0	2
SOUTHERN PLATEAU							60.9	+0.8										33	0.04	−0.5											3.6			
El Paso [1]	3,778	29	85	884.5	1,010.8	+.6	61.4	−.9	86	22	75	37	13	48	41	148	24	27	.06	−.2	.04	2	12.8	sw.	47	sw.	4	18	8	4	3.3	.6	.0	0
Albuquerque [1]	5,314	5	48	835.4	1,009.8	−.4	54.5	+.5	81	22	69	26	13	40	46	318	24	35	.03	−.6	.02	2	13.0	nw.	50	nw.	11	13	11	6	4.7	T	.0	1
Flagstaff	6,907	36	51	789.0	1,014.9	+4.4	44.7	+1.4	74	30	61	17	23	29	45	609	19	41	.14	−1.2	.09	4	----	w.	--	------	--	9	13	8	5.0	.6	.0	1
Phoenix [2]	1,107	39	87	972.9	1,011.5	−.4	69.2	+2.2	96	17	84	46	4	55	39	21	32	32	T	−.4	T	0	7.3	e.	25	sw.	4	18	6	6	3.4	.0	.0	0
Tucson [1]	2,555	5	39	924.5	1,011.9	+1.7	64.8	+.4	94	17	81	39	5	49	39	76	26	26	T	−.3	T	0	----	se.	--	------	--	21	4	5	3.0	.0	.0	0
Yuma	142	9	54	1,006.4	1,011.5	+.3	71.0	+1.5	102	16	87	47	5	55	44	13	36	36	T	−.1	T	0	6.5	w.	23	w.	22	24	3	3	2.2	.0	.0	0
MIDDLE PLATEAU							48.6	+0.8										52	0.83	−0.1											5.8			
Reno [1]	4,527	20	52	863.5	1,017.6	+3.0	48.5	+2.4	83	16	66	19	4	31	53	498	26	50	.03	−.4	.03	1	8.0	w.	38	w.	27	7	10	13	5.8	T	.0	1
Winnemucca	4,339	5	56	868.9	1,016.9	+2.3	48.9	+2.2	80	16	64	22	7	34	48	484	30	52	.64	−.2	.26	9	7.8	ne.	26	w.	20	8	8	14	6.0	1.4	.0	0
Modena	5,473	10	46	831.7	1,012.5	+1.0	46.2	+.2	75	17	62	19	4	31	46	562	----	---	.57	−.3	.26	6	10.4	sw.	30	sw.	22	10	13	7	5.1	T	.0	5
Salt Lake City [1]	4,227	32	58	866.6	1,014.9	+1.7	48.6	+.7	74	14	59	30	12	38	34	495	32	58	2.32	+.6	.88	8	8.8	nw.	33	nw.	4	9	7	14	5.9	3.9	.0	2
Grand Junction [1]	4,602	60	68	858.1	1,013.5	+2.3	51.0	−1.4	78	21	64	27	12	38	37	425	28	46	.59	−.2	.16	5	9.1	nw.	42	nw.	11	3	14	13	6.1	T	.0	4
NORTHERN PLATEAU							49.7	+1.0										59	0.97	−0.2											6.0			
Baker [2]	3,471	36	54	897.4	1,019.3	+2.7	46.0	+.8	78	14	58	24	7	34	43	569	31	64	.74	−.4	.23	8	6.2	n.	24	sw.	2	7	8	15	6.3	.9	.0	3
Boise [1]	2,739	5	49	921.1	1,017.6	+2.4	49.4	+.3	78	14	62	27	4	37	36	469	32	58	.52	−.7	.20	7	10.1	nw.	37	nw.	19	7	10	13	6.0	T	.0	1
Pocatello [1]	4,478	5	31	862.9	1,016.3	+2.8	46.0	+1.1	76	14	58	26	12	33	39	572	28	56	.72	−.8	.41	9	10.8	sw.	36	w.	10	7	7	16	6.4	T	.0	0
Spokane [1]	1,929	27	42	948.5	1,018.0	+2.4	48.2	−.2	80	27	61	28	5	36	41	502	34	64	1.17	.0	.32	10	7.1	ne.	34	sw.	29	5	12	13	6.8	T	.0	1
Walla Walla	991	57	65	982.4	1,018.3	+2.4	55.1	+2.0	83	27	65	37	4	45	33	304	----	---	2.46	+1.0	.62	12	5.7	s.	26	sw.	10	12	4	14	5.5	.1	.0	0
Yakima [1]	1,076	58	67	979.0	1,018.0	+2.8	53.7	+1.9	88	14	70	30	2	38	50	343	32	52	.23	−.3	.18	4	----	nw.	--	------	--	8	15	7	5.3	.0	.0	0
NORTH PACIFIC COAST							53.0	+3.2										73	2.69	−0.4											6.5			
North Head	211	5	55	1,012.9	1,020.7	+2.4	51.0	+3.5	81	15	56	39	4	46	30	424	43	78	3.62	−.5	.71	15	14.9	s.	49	s.	9	6	6	18	7.0	.0	.0	0
Seattle [2]	125	90	321	1,015.6	1,020.3	+3.0	54.1	+3.0	87	26	62	39	4	46	39	330	42	71	1.87	−.5	.49	14	9.8	s.	40	sw.	9	6	10	14	6.4	T	.0	1
Tacoma	194	172	201	1,013.5	1,020.7	+3.1	52.2	+3.5	81	16	60	39	4	44	34	383	----	---	2.67	−.1	.53	14	9.6	n.	35	sw.	16	8	11	11	5.9	.0	.0	0
Tatoosh Island	86	9	61	1,016.9	1,020.3	+3.4	49.0	+2.9	73	15	53	39	3	45	23	479	44	83	6.27	+.6	1.29	16	14.5	w.	45	s.	9	3	7	20	7.7	.0	.0	0
Medford [1]	1,329	29	58	972.2	1,020.0	+3.4	54.2	+2.1	92	15	69	32	21	39	51	330	38	64	.64	−.7	.32	9	----	s.	--	------	--	9	7	14	5.7	.0	.0	1
Portland, Oreg. [2]	154	68	106	1,014.9	1,020.7	+3.1	55.8	+4.0	86	26	65	38	11	47	33	291	44	72	2.09	−.8	.55	16	6.1	nw.	23	s.	3	6	7	17	6.6	.0	.0	0
Roseburg	510	45	76	1,002.4	1,021.3	+3.0	54.5	+3.5	90	15	66	35	11	42	44	318	42	71	1.69	−.6	.52	16	4.0	n.	20	n.	21	9	8	13	5.9	.0	.0	0
MIDDLE PACIFIC COAST							59.2	+3.8										71	1.02	−1.0											4.6			
Eureka	60	72	88	1,019.6	1,022.0	+2.7	52.4	+2.5	78	13	58	39	6	47	27	381	46	79	1.84	−1.5	.80	10	7.7	n.	31	n.	23	12	6	12	5.5	.0	.0	0
Red Bluff [1]	353	5	26	1,004.4	1,017.3	-----	64.0	+5.0	98	14	76	42	9	52	43	116	41	50	1.94	+.2	1.25	6	7.9	nw.	23	n.	24	14	7	9	4.5	.0	.0	2
Sacramento [2]	66	92	115	1,014.6	1,016.9	+1.3	62.2	+4.1	90	15	76	40	4	49	35	129	46	64	.15	−1.4	.13	3	6.9	s.	22	nw.	11	15	10	5	3.9	.0	.0	0
San Francisco [2]	155	112	132	1,012.9	1,018.6	+1.7	58.4	+3.4	86	12	65	48	4	52	27	224	47	76	.17	−1.4	.11	4	9.5	w.	27	w.	16	13	9	8	4.3	.0	.0	0
SOUTH PACIFIC COAST							63.3	+3.8										60	0.27	−0.6											4.8			
Fresno [1]	327	5	34	1,004.4	1,016.6	+1.0	64.7	+4.5	96	15	80	41	4	50	41	82	44	54	.41	−.5	.26	5	7.2	nw.	24	nw.	8	10	13	7	4.4	.0	.0	2
Los Angeles	338	223	250	1,004.1	1,015.9	+.7	62.6	+3.2	91	12	72	44	4	53	30	128	46	61	.04	−1.0	.04	1	6.8	w.	33	nw.	9	11	10	9	4.8	.0	.0	1
San Diego [1]	87	20	55	1,013.2	1,016.6	+1.4	62.7	+3.7	92	13	71	48	10	54	35	102	48	65	.36	−.4	.36	1	7.6	w.	21	w.	3	10	9	11	5.2	.0	.0	0
ALASKA																																		
Anchorage [1]	132	6	44	1,005.4	1,010.5	-----	36.1	+0.7	56	29	46	4	1	26	30	868	24	60	0.33	−0.08	0.18	6	6.0	n.	24	n.	17	8	9	13	5.8	T	0.0	0
Fairbanks [1]	455	5	63	995.3	1,012.9	-----	30.6	+.8	52	24	20	−9	1	20	37	1,028	20	62	0.39	+.09	.25	5	6.7	n.	24	ne.	18	10	7	13	5.6	4.6	0.0	0
Juneau [1]	80	5	30	1,010.8	1,013.9	-----	39.2	−1.0	50	14	45	18	4	34	22	776	33	78	4.33	+1.16	.97	23	8.9	e.	29	se.	12	2	2	26	8.7	4.0	.0	0
Nome	22	10	75	1,012.9	1,013.2	-----	22.8	+3.1	40	21	30	−4	1	15	27	1,269	20	82	0.15	−.52	.12	5	11.6	e.	37	ne.	18	8	9	13	6.0	1.6	32.1	0
Barrow	29	5	27	1,020.0	1,020.7	-----	1.3	+1.0	27	12	9	−26	2	−7	25	1,912	2	98	0.10	−.01	.04	6	9.4	e.	30	ne.	5	11	5	14	5.6	1.3	15.7	0
Bethel	28	5	31	1,007.8	1,009.5	-----	29.2	+2.0	49	27	36	−4	--	22	29	1,069	26	85	0.13	−.39	.06	7	10.2	n.	34	------	14	8	7	15	6.2	.9	T	0
Cordova	45	5	32	1,008.8	1,010.8	-----	36.8	------	52	17	45	12	3	29	28	846	30	78	4.30	------	1.08	15	----	e.	27	se.	29	5	7	18	7.0	.3	.0	0
Gambell	32	5	32	1,012.9	1,013.9	-----	18.2	+0.2	33	16	22	1	10	14	23	1,451	17	92	.10	−.66	----	4	17.0	ne.	42	ne.	12	3	4	23	8.9	1.0	.0	0
Ketchikan	25	69	90	1,014.9	1,015.6	-----	43.4	+.8	65	16	49	30	3	38	26	649	37	80	13.94	+2.90	3.61	22	7.2	se.	26	e.	11	0	5	25	8.7	.2	.0	0
Kotzebue	20	5	31	1,015.2	1,015.6	-----	14.6	+.8	35	24	23	−15	10	6	26	1,512	12	82	.04	−.23	----	1	11.4	ne.	31	se.	14	13	4	13	5.0	.4	17.0	0
McGrath	341	5	31	998.6	1,011.5	-----	27.7	+1.7	47	22	39	−20	2	16	45	1,120	21	72	.30	−.12	.15	9	----	n.	--	------	--	10	6	14	5.8	2.0	1.0	0
Northway	1,718	5	32	948.5	1,012.9	-----	27.6	+1.9	54	25	40	−14	4	16	42	1,123	20	70	.39	+.03	.19	9	5.1	e.	21	e.	24	3	6	21	7.4	2.2	T	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.

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