CLIMATOLOGICAL DATA FOR OCTOBER 1945

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	64.0	−0.8	Wetumpka	95	1	2 stations	31	[1] 10	3.72	+0.83	Leeds	8.32	Wheeler Dam	1.10
Arkansas	60.8	−2.0	Perryville	89	30	Lead Hill	29	25	3.11	−.06	Pine Bluff	10.35	Evening Shade	.41
California	61.8	+1.3	Brawley	109	4	Doyle	10	24	2.81	+1.55	Vollmers	15.25	2 stations	.00
Colorado	48.9	+1.9	3 stations	90	7	Alamosa (Airport)	−10	24	1.00	−.18	Trout Lake	3.30	Haxtum	T
Florida	73.4	+.4	Cedar Key	95	1	2 stations	37	17	3.81	−.34	Coconut Grove	13.72	Orange Springs	.44
Georgia	63.3	−1.6	2 stations	95	2	Blairsville	29	[1] 17	2.90	+.27	Clayton	6.39	Camp Stewart	1.10
Idaho	49.7	+2.4	Hazelton	91	2	Landmark	−2	19	1.18	−.31	Deception Creek	8.40	Dubois Airport	T
Illinois	54.0	−1.7	East St. Louis	84	30	Freeport	24	25	1.66	−.96	Belvidere	4.47	Galva	.08
Indiana	53.4	−1.6	Tell City	84	28	Frankfort	23	15	2.39	−.36	Goshen	4.79	Gary	.84
Iowa	51.8	0.0	Missouri Valley	89	18	2 stations	15	22	.33	−1.99	Cedar Rapids	1.42	3 stations	T
Kansas	57.4	+.1	2 stations	93	7	Burr Oaks	14	22	.81	−1.14	Oswego	3.27	Cawker City	.17
Kentucky	56.7	−1.6	Pikesville	91	1	Farmers	23	27	2.04	−.59	Mayfield	4.66	Beaver Dam	.88
Louisiana	66.8	−1.7	New Roads	95	1	Camp Beauregard	35	[1] 16	5.50	+2.21	Ruston	10.09	Burrwood	1.58
Maryland-Delaware.	55.6	−.7	Cumberland, Md	85	18	Oakland, Md	23	11	1.59	−1.47	Snow Hill, Md	4.30	Mount Savage Summit, Md.	.39
Michigan	47.1	−1.6	Kenton	84	18	Kenton	11	23	2.79	+.09	Monroe	5.53	Painsdale	.73
Minnesota	45.8	−.7	2 stations	89	[1] 17	2 stations	10	31	.45	−1.36	Grand Rapids	1.25	2 stations	T
Mississippi	64.0	−1.5	do	94	1	do	33	17	4.26	+1.67	Woodville	7.98	Durant	.59
Missouri	56.8	−.9	6 stations	85	[1] 12	Tarkio	23	22	2.18	−.76	Fredericktown	7.08	Tarkio	.18
Montana	47.9	+2.7	2 stations	89	[1] 3	Wisdom	0	21	.92	−.14	Belton	4.18	East Helena	T
Nebraska	53.7	+1.8	Butte	93	16	Ewing	10	22	.20	−1.23	Hastings	1.46	22 stations	.00
Nevada	54.2	+3.4	2 stations	98	[1] 2	2 stations	8	[1] 21	1.31	+.67	Pioche	3.75	Boulder City	.20
New England	47.9	−1.5	Shelbourne Falls, Mass.	86	19	do	15	29	3.53	+.02	Waterbury, Vt. (near)	7.90	Millbury, Mass	1.53
New Jersey	54.2	−.4	Canoe Brook	86	19	Layton	21	4	2.51	−1.11	Elizabeth	3.89	Clinton	1.39
New Mexico	54.3	+.6	Hagerman	92	31	Red River	−15	24	1.07	−.09	Carlsbad	6.13	3 stations	.00
New York	48.9	−1.0	Poughkeepsie	84	19	Lake Placid Club	16	4	4.87	+1.53	Big Moose	10.20	Bedford Hills	1.76
North Carolina	59.3	−.7	Willard	90	24	Mount Mitchell	20	9	2.46	−.79	Mount Mitchell	5.62	Enfield	.72
Ohio	52.3	−1.3	Ironton	87	1	Jackson	23	27	2.80	+.27	Jefferson	6.30	2 stations	1.16
Oklahoma	61.4	−1.1	Purcell	93	12	Beaver	23	22	1.19	−1.84	Idabel	5.24	Mutual	.00
Oregon	51.3	+1.5	Riddle	98	1	Fremont	0	24	1.39	−.53	Brookings	7.87	Crescent Lake	.09
Pennsylvania	51.0	−1.5	4 stations	85	[1] 1	Phillipsburg	20	11	2.75	−.52	Pennline	6.96	Hyndman	.50
South Carolina	63.0	−.8	Walterboro	92	2	Pickens	31	16	1.70	−1.15	Longcreek	5.19	Blackville	.37
South Dakota	50.5	+1.7	Faith	95	3	Pollock	7	23	.25	−.90	Spearfish	1.29	7 stations	.00
Tennessee	58.3	−1.5	Lynnville	89	1	Gatlinburg	23	16	2.96	+.16	Samburg	5.77	Red Boiling Springs	1.29
Texas	65.6	−2.1	Cuero	97	5	Dalhart	24	24	3.59	+.90	Flint	10.61	Perryton	.13
Utah	52.0	+2.8	Green River	90	7	Silver Lake (Brighton)	5	23	1.27	+.13	Cedar Breaks	3.70	Payson	.08
Virginia	56.5	−.9	Chatham	92	20	Burkes Garden	21	10	1.42	−1.56	Onley	4.48	Dale Enterprise	.12
Washington	51.3	+1.2	3 stations	89	[1] 1	Omak Airport	13	[1] 18	2.87	−.29	Spruce	15.68	Richland	.35
West Virginia	53.1	−1.5	Madison	95	1	Pickens	15	[1] 27	1.65	−1.20	Bluefield	3.52	Franklin	.28
Wisconsin	46.8	−1.5	Mellen	85	18	Danbury	14	31	.90	−1.50	Deerskin Dam	2.78	Dodgeville	.15
Wyoming	47.6	+3.7	Morrisey	87	10	Foxpark	−11	24	.54	−.54	Grassy Lake Dam	3.43	Morrisey	.00
Alaska (September)	44.2	+.1	Tree Point	78	1	Puntilla	16	16	4.07	+.45	Spencer	24.34	Wainwright	.03
Hawaii	74.2	+.4	3 stations	92	[1] 8	Haleakala Ranger Station.	39	21	4.43	−1.21	Iliiliula Intake	21.00	2 stations	.00
Puerto Rico	77.7	−.7	Utuado	95	[1] 10	Cayey	55	[1] 15	5.15	−2.42	Guineo Dam	14.29	Ensenada	29

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR OCTOBER 1945

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							49.8	-0.9										81	3.53	+0.2											5.9			
Eastport	75	67	85	1,010.8	1,013.9	-2.0	46.9	-.6	65	20	53	30	29	41	21	559	40	82	6.37	+2.8	2.07	16	11.0	sw.	33	sw.	31	5	9	17	6.9	T	0.0	1
Greenville, Maine	1,070	6	41	974.3	1,014.6	----	41.0	-3.5	68	19	51	19	29	31	37	741	36	---	5.28	+1.7	2.02	16	---	s.	---	------	--	2	10	19	---	1.7	0	0
Portland, Maine [1]	103	5	43	1,010.2	1,014.6	-2.7	45.8	-4.2	75	8	56	22	29	35	34	593	40	86	5.52	+2.4	3.07	14	8.6	w.	30	s.	31	7	11	13	6.1	T	.0	2
Concord [1]	289	5	45	1,004.1	1,015.2	-2.4	47.0	-.8	81	19	60	20	29	34	45	556	40	84	2.68	-.2	.52	13	7.1	nw.	30	nw.	3	8	6	17	6.5	T	.0	1
Burlington [1]	403	5	51	998.6	1,013.9	-3.4	46.8	-2.4	75	19	56	27	4	38	34	565	39	80	4.55	+1.6	1.23	19	10.6	s.	35	s.	29	4	9	18	7.3	T	.0	1
Boston [1]	124	33	62	1,010.5	1,015.6	-2.0	53.1	-.5	84	19	62	34	29	44	36	368	42	74	2.23	-.9	.88	12	11.6	sw.	38	sw.	31	9	10	12	5.9	.0	.0	2
Nantucket	12	11	59	1,014.9	1,015.9	-1.7	54.6	+.4	72	2	60	40	29	49	21	326	47	82	2.97	-.4	1.79	14	12.2	sw.	38	ne.	24	11	11	9	5.0	.0	.0	1
Block Island	26	11	46	1,014.2	1,015.6	-2.0	54.7	-.2	70	2	60	40	4	49	18	319	48	80	2.31	-1.2	1.24	11	16.4	sw.	47	nw.	26	16	6	9	4.5	.0	.0	1
Providence [5]	159	46	60	1,009.5	1,015.9	-1.7	53.8	+1.6	81	19	64	32	4	44	37	352	44	80	2.29	-.8	.92	10	8.4	sw.	34	sw.	31	9	10	12	5.7	.0	.0	1
Hartford [1]	159	5	44	------	1,015.2	-2.8	51.1	-.1	81	19	63	27	4	39	---	432	42	80	2.09	-1.4	.58	13	7.5	s.	36	sw.	31	9	10	12	---	.0	.0	0
New Haven [1]	107	5	39	1,011.9	1,016.3	-1.7	52.6	+.8	73	19	62	29	4	43	30	387	46	79	2.49	-.9	.74	10	6.8	sw.	28	sw.	2	10	8	13	5.6	T	.0	2
MIDDLE ATLANTIC							56.2	-0.1										76	1.88	-1.1											4.8			
Albany [1]	97	26	40	1,011.2	1,015.2	-2.8	48.8	-.5	79	19	60	26	4	38	38	502	41	80	2.25	-.2	.85	12	9.8	s.	30	w.	3	10	6	15	6.0	.0	.0	0
Binghamton [2]	871	60	79	983.7	1,016.6	-1.4	49.9	-.1	80	19	61	28	4	39	42	468	40	83	3.70	+.7	1.12	17	6.5	w.	21	w.	2	8	8	15	6.1	T	.0	0
New York	314	415	454	1,004.4	1,016.3	-1.7	56.2	-.1	79	19	64	38	4	48	25	276	44	67	1.99	-1.5	.53	10	14.9	nw.	53	nw.	26	12	9	10	5.2	.0	.0	4
Harrisburg [1]	374	30	49	1,003.4	1,017.3	-1.3	53.9	-.9	82	19	65	31	4	42	40	345	42	73	1.07	-1.9	.35	9	7.1	w.	26	nw.	27	13	8	10	5.3	.0	.0	0
Philadelphia [1]	114	5	57	1,012.5	1,017.3	-1.0	57.2	-.6	80	19	65	38	15	49	26	245	44	82	1.90	-.9	.96	7	6.9	sw.	20	nw.	27	13	9	9	4.7	.0	.0	0
Reading	323	47	306	1,005.1	1,017.6	----	55.0	-.4	83	19	65	34	4	45	39	312	----	---	1.77	-1.4	.95	9	9.8	nw.	40	w.	26	12	11	8	4.9	.0	.0	0
Scranton	805	72	104	986.8	1,016.9	-1.4	51.0	-.9	79	19	61	29	4	41	36	434	----	---	3.29	+.3	.97	14	6.2	sw.	28	nw.	26	10	10	11	5.3	.0	.0	0
Atlantic City	52	37	172	1,014.9	1,017.3	-1.0	57.6	+.7	76	18	65	35	15	50	22	229	50	80	2.69	-.5	1.21	7	14.3	s.	36	w.	9	12	7	12	5.2	.0	.0	1
Trenton	190	89	107	1,009.5	1,016.9	----	55.2	-.4	79	19	64	35	4	46	29	306	45	76	2.22	-.6	.86	9	7.9	s.	26	nw.	26	11	10	10	5.2	.0	.0	3
Baltimore [2]	123	100	215	1,012.9	1,017.6	-1.0	58.7	+.5	82	18	68	38	15	50	34	206	46	72	1.18	-1.7	.55	5	9.1	sw.	30	nw.	9	18	6	7	3.9	.0	.0	0
Washington [2]	112	56	100	1,013.2	1,017.6	-1.0	57.4	.0	82	29	68	35	15	47	38	240	46	74	1.46	-1.4	.49	6	5.9	nw.	22	nw.	27	17	8	6	4.0	.0	.0	1
Cape Henry	18	8	54	1,016.6	1,017.6	----	63.3	+1.2	85	2	70	47	28	57	27	96	52	74	1.34	-1.7	.48	8	12.2	n.	37	nw.	2	14	11	6	4.2	.0	.0	1
Lynchburg [1]	686	4	50	993.2	1,018.3	-.7	57.0	-.2	81	18	68	34	16	46	37	251	45	75	.90	-2.2	.47	8	7.0	s.	25	nw.	8	17	7	7	3.9	.0	.0	1
Norfolk [2]	91	80	125	1,014.9	1,018.6	+.2	62.9	+.4	83	18	71	43	16	55	29	107	52	78	1.32	-1.7	.61	8	8.8	sw.	25	n.	9	14	9	8	4.5	.0	.0	1
Richmond	144	11	52	1,012.5	1,018.0	-.6	59.2	-.4	85	18	71	35	16	48	41	193	49	77	1.06	-1.8	.56	9	7.0	sw.	24	w.	26	17	6	8	4.2	.0	.0	1
SOUTH ATLANTIC							63.3	-0.3										80	2.06	-1.2											4.2			
Asheville	2,253	77	92	939.7	1,019.3	+.3	55.5	+.2	78	18	68	32	10	43	40	299	44	76	2.95	+.2	1.35	8	6.6	nw.	26	nw.	8	15	8	8	4.1	.0	.0	0
Charlotte [2]	779	63	86	990.2	1,018.6	.0	61.2	-.5	83	21	72	38	16	50	31	139	49	80	1.43	-1.5	.57	6	5.7	sw.	17	sw.	2	14	8	9	4.5	.0	.0	0
Greensboro [1]	886	6	56	986.8	1,019.3	----	57.6	-.9	80	20	71	32	16	44	41	229	48	82	1.76	-1.3	1.25	7	6.4	sw.	21	sw.	2	16	10	5	3.9	.0	.0	1
Hatteras	11	5	50	1,016.9	1,017.6	-.4	65.8	-.1	83	2	72	48	28	60	24	55	58	82	3.46	-1.5	1.17	10	11.2	ne.	33	s.	23	13	9	9	4.5	.0	.0	2
Raleigh [1]	376	5	69	1,004.7	1,019.0	+.7	61.0	-1.0	82	21	72	38	16	50	29	154	50	84	1.90	-1.0	.90	4	6.2	sw.	20	sw.	23	16	8	7	3.9	.0	.0	0
Wilmington	72	73	107	1,015.2	1,018.0	.0	64.8	-.5	84	2	74	40	16	55	29	75	56	82	2.06	-1.2	.59	11	7.4	n.	29	s.	23	13	12	6	4.2	.0	.0	2
Charleston [2]	48	11	92	1,015.6	1,018.0	.0	66.9	-.9	89	2	74	45	16	59	23	45	56	87	2.98	-.3	1.53	4	9.4	n.	27	ne.	4	16	10	5	3.8	.0	.0	1
Columbia, S. C. [2]	347	70	91	1,005.4	1,018.3	.0	63.9	-.4	86	20	75	36	16	52	33	88	52	79	.69	-1.9	.30	5	6.5	n.	21	sw.	23	16	8	7	4.1	.0	.0	0
Greenville, S. C. [1]	1,040	18	36	981.0	1,018.6	----	60.6	+.4	81	21	71	40	16	50	32	148	48	74	1.73	-1.4	.57	6	7.5	ne.	29	n.	9	15	9	7	4.1	.0	.0	0
Augusta [2]	182	62	77	1,011.2	1,018.0	-.3	63.9	-1.4	85	2	76	39	16	52	33	83	50	68	1.48	-1.0	.58	6	4.9	nw.	17	se.	22	16	8	7	4.0	.0	.0	0
Savannah [4]	65	73	152	1,015.2	1,017.6	.0	67.3	+1.6	92	2	78	44	17	57	37	46	57	81	1.72	-1.3	1.26	6	8.8	n.	27	sw.	23	11	11	9	4.6	.0	.0	0
Jacksonville [2]	43	86	110	1,015.2	1,017.8	+.7	70.6	-.5	91	2	79	48	17	62	30	17	62	86	2.58	-1.9	1.15	8	7.9	ne.	25	w.	23	11	14	6	4.6	.0	.0	0
FLORIDA PENINSULA							77.1	0.0										85	5.62	0.0											5.7			
Key West [2]	21	10	64	1,013.2	1,014.2	+.3	79.5	+.4	89	12	84	70	30	75	13	0	72	84	6.24	+.2	2.41	17	8.6	e.	27	se.	1	6	15	10	6.1	.0	.0	3
Miami [2]	25	242	249	1,013.2	1,014.6	-.3	76.7	-1.3	85	11	81	60	17	72	18	0	71	88	6.61	-1.1	2.22	15	12.1	e.	38	e.	27	3	15	13	6.7	.0	.0	8
Tampa [1]	35	6	43	1,013.9	1,015.6	+.4	75.2	+.9	90	2	83	55	17	67	23	0	67	84	4.01	+.9	2.63	7	9.8	ne.	33	sw.	23	7	15	9	5.3	.0	.0	6
EAST GULF							65.3	-1.1										80	3.58	+0.6											4.4			
Atlanta [1]	1,173	33	72	976.6	1,018.3	.0	61.4	-1.3	80	21	72	40	16	51	33	128	48	70	4.73	+2.0	3.21	7	8.1	nw.	30	nw.	25	15	8	8	4.3	.0	.0	1
Macon [1]	370	79	87	1,004.4	1,017.6	-.4	63.1	-1.4	85	13	75	39	16	51	38	98	50	72	3.18	+.8	1.47	5	6.1	n.	21	nw.	2	14	8	9	4.4	.0	.0	1
Apalachicola	35	11	51	1,015.2	1,016.6	----	70.4	-.2	87	2	78	50	16	62	25	10	61	80	.99	-2.2	.80	5	8.5	ne.	25	e.	1	17	7	7	4.2	.0	.0	1
Pensacola	56	54	79	1,015.2	1,017.6	+.7	68.6	-1.3	87	2	77	49	16	60	28	23	57	78	2.41	-1.8	1.27	4	7.3	ne.	27	w.	25	15	9	7	4.3	.0	.0	3
Anniston	741	9	------	------	------	------	60.9	-2.1	80	1	72	36	10	49	37	147	----	---	4.69	+2.1	2.08	6	----	se.	---	------	--	19	4	8	----	.0	.0	0
Birmingham [1]	700	5	62	993.2	1,018.6	+.3	61.4	-1.0	86	1	74	35	10	48	41	140	52	84	6.54	------	2.84	6	5.9	ne.	23	n.	22	12	12	7	4.4	.0	.0	2
Mobile [2]	57	86	161	1,015.6	1,018.0	+.7	67.3	-2.0	89	2	77	47	16	57	31	44	57	82	3.00	-.6	1.23	4	6.4	n.	25	sw.	22	12	8	11	5.0	.0	.0	2
Montgomery [2]	218	92	105	1,010.2	1,018.3	+.3	65.6	-1.0	88	1	76	45	10	55	31	67	54	82	3.08	+.6	1.12	5	5.9	n.	21	s.	22	16	6	9	4.3	.0	.0	0
Meridian [2]	375	67	92	1,004.7	1,018.6	+.6	64.0	-.3	90	1	76	40	17	52	38	94	53	83	4.11	+1.7	1.55	5	4.6	n.	17	n.	22	19	8	4	3.6	.0	.0	1
Vicksburg [2]	247	82	102	1,009.1	1,018.3	+.3	64.6	-2.1	87	1	74	42	16	55	27	90	53	92	6.85	+4.1	4.67	6	7.4	n.	21	w.	22	10	11	10	4.9	.0	.0	2
New Orleans [4]	53	50	84	1,015.2	1,017.3	+.4	70.6	+.6	88	2	78	56	27	63	23	8	60	76	2.77	-.5	.98	5	5.8	ne.	22	nw.	25	14	7	10	4.8	.0	.0	4
WEST GULF							67.2	-1.4										79	4.35	+1.2											5.0			
Shreveport [1]	249	5	64	1,009.1	1,018.0	+.4	65.0	-.6	86	20	76	43	26	54	33	81	56	81	6.90	+4.2	3.05	10	7.0	ne.	29	w.	21	14	4	13	5.0	.0	.0	3
Fort Smith	463	57	82	1,001.4	1,017.6	.0	60.8	-2.0	83	18	72	34	25	49	37	145	52	81	1.42	-1.6	.76	6	6.2	ne.	34	nw.	21	14	2	15	5.4	.0	.0	1
Little Rock [1]	357	26	58	1,005.8	1,018.6	+.6	61.4	-2.2	82	12	72	40	16	51	35	144	52	80	2.20	-.5	1.61	5	6.1	sw.	26	nw.	21	12	6	13	5.3	.0	.0	2
Austin [1]	605	10	41	995.9	1,017.3	----	67.0	-1.3	89	8	78	38	23	56	37	62	56	77	3.00	-.2	1.56	8	7.8	s.	35	nw.	21	11	12	8	4.8	.0	.0	2
Brownsville [1]	57	5	54	1,013.2	1,015.2	----	74.3	-.6	92	6	84	47	26	64	31	7	66	82	5.62	+2.0	3.79	7	9.1	se.	37	nw.	24	15	9	7	4.6	.0	.0	6
Corpus Christi [1]	20	4	33	1,015.6	1,016.3	+.4	71.8	+.7	89	8	82	40	25	62	34	24	64	84	3.48	------	1.29	8	9.3	se.	28	n.	24	16	4	11	4.5	.0	.0	3
Dallas [1]	512	5	45	999.3	1,017.6	----	65.0	-2.3	85	31	76	36	25	54	38	75	54	75	2.80	+.1	1.77	5	9.1	s.	40	nw.	21	11	8	12	5.3	.0	.0	3
Fort Worth [1]	679	40	56	993.6	1,017.6	+.9	65.4	-.3	85	31	76	39	25	55	35	66	54	72	2.31	-.5	1.46	6	9.9	s.	43	nw.	21	10	10	11	5.4	.0	.0	1
Galveston [2]	54	106	114	1,015.2	1,017.3	+.4	70.6	-2.1	86	8	76	49	25	65	24	24	64	82	5.62	+1.3	2.39	9	9.3	s.	37	nw.	21	14	9	8	4.6	.0	.0	6
Houston [2]	138	157	190	1,011.9	1,017.3	----	69.6	-.7	88	8	80	44	25	60	31	33	60	83	6.37	+2.6	2.86	8	9.4	ne.	34	nw.	21	13	6	12	5.2	.0	.0	2
Palestine	510	64	72	1,000.0	1,018.3	+1.4	65.4	-1.8	82	21	75	40	25	56	31	67	54	72	7.35	+4.0	2.85	6	6.2	s.	26	nw.	21	15	7	9	4.6	.0	.0	4
Port Arthur [2]	34	59	134	1,015.9	1,017.3	----	69.2	-2.4	89	1	78	49	26	61	26	38	59	85	5.13	+1.8	2.61	11	11.1	ne.	42	s.	21	12	12	7	4.7	.0	.0	3
San Antonio [1]	693	8	51	992.6	1,016.9	+.6	68.4	-2.1	89	8	81	36	25	56	42	54	58	77	3.49	+1.3	1.74	7	8.1	ne.	41	nw.	21	12	9	10	5.3	.0	.0	2

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR OCTOBER 1945—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							55.5	−1.0										77	2.08	−0.6											4.7			
Chattanooga [1]	762	6	66	991.2	1,019.0	.0	59.0	+1.3	81	20	72	34	27	46	43	197	48	82	3.91	+.9	2.16	4	5.6	s.	26	nw.	8	16	8	7	4.0	.0	.0	0
Knoxville [1]	995	27	53	983.1	1,019.3	+1.3	58.3	−.3	85	1	70	35	27	46	39	217	47	77	3.57	+1.0	1.82	5	5.8	ne.	25	w.	2	18	4	9	4.1	.0	.0	0
Memphis [4]	399	5	86	1,004.1	1,018.6	+.6	60.8	−.6	81	21	72	36	16	49	40	161	50	80	1.31	−1.4	.80	6	7.1	sw.	22	w.	21	13	10	8	4.8	.0	.0	0
Nashville [1]	546	5	72	999.0	1,019.0	+.4	58.7	−2.3	85	1	70	35	10	48	38	217	47	74	2.09	−.4	1.01	8	6.5	s.	26	sw.	21	11	10	10	5.2	.0	.0	1
Lexington	989	4	28	982.7	1,019.6	+1.0	56.2	−1.2	80	1	67	32	16	45	35	284	44	74	1.67	−.9	.79	7	----	s.	---	------	--	16	7	8	3.9	.0	.0	1
Louisville [1]	525	106	120	999.0	1,018.3	−.3	56.4	−1.1	80	18	68	33	27	45	38	271	44	74	2.13	−.5	1.43	6	6.7	s.	26	nw.	19	15	7	9	4.5	.0	.0	1
Evansville [1]	431	11	40	1,002.7	1,018.6	.0	56.2	−.8	78	12	68	34	27	45	40	277	46	80	1.94	−.9	1.78	3	6.9	s.	22	nw.	19	15	6	10	5.0	.0	.0	2
Indianapolis [1]	823	5	54	987.8	1,018.0	−.3	52.2	−1.9	78	18	64	32	27	41	37	402	42	76	2.04	------	1.41	5	9.5	sw.	28	nw.	26	13	8	10	4.7	.0	.0	4
Terre Haute [2]	575	68	149	997.3	1,018.6	-----	55.2	−2.0	78	28	66	33	10	45	33	307	43	79	2.00	−.7	1.06	4	8.9	sw.	25	nw.	8	13	10	8	4.6	.0	.0	3
Cincinnati [2]	627	11	51	995.3	1,018.6	.0	55.8	+.1	80	29	67	34	27	44	37	292	44	80	1.98	−.5	1.32	6	6.6	sw.	21	ne.	23	14	6	11	4.5	.0	.0	2
Columbus [2]	822	90	110	988.2	1,018.3	−.3	54.0	−1.2	77	18	64	33	27	44	31	347	42	78	2.11	−.4	1.02	9	9.3	s.	29	sw.	1	14	5	12	4.9	.0	.0	1
Dayton [1]	1,003	6	55	981.4	1,018.3	-----	51.8	−2.0	74	18	62	31	27	42	30	408	42	74	1.37	−1.2	.63	7	11.0	s.	34	w.	2	12	8	11	5.4	.0	.0	2
Elkins [1]	1,947	4	45	948.9	1,019.3	.0	50.2	−.9	80	1	64	28	28	37	44	467	41	86	1.54	−1.4	.80	8	5.9	nw.	29	nw.	2	11	11	9	5.2	T	.0	0
Parkersburg	637	77	84	994.6	1,018.3	−.3	55.5	−.6	82	1	67	31	27	44	38	303	44	74	1.11	−1.4	.86	6	6.0	se.	22	nw.	2	16	7	8	4.2	.0	.0	0
Pittsburgh [1]	842	39	54	986.8	1,017.6	−1.0	52.6	−1.5	81	1	62	34	15	43	33	387	41	74	2.39	−.1	1.06	11	10.0	sw.	31	nw.	2	13	7	11	5.2	T	.0	1
LOWER LAKES							50.5	−0.6										78	4.53	+1.7											6.0			
Buffalo [1]	768	34	96	987.1	1,015.6	−2.0	49.8	+1.3	75	19	58	33	4	42	31	470	41	77	5.87	+2.6	3.49	17	14.8	sw.	43	w.	31	8	8	15	6.7	T	.0	3
Canton	448	10	61	996.6	1,013.2	-----	46.7	−.8	78	19	56	26	4	37	37	566	38	79	3.94	+.9	1.25	16	9.0	w.	30	w.	31	8	7	16	6.6	T	.0	1
Oswego	335	71	85	1,001.7	1,014.6	−3.0	50.2	−.1	80	19	58	34	4	43	32	455	40	74	4.90	+.16	2.16	17	10.3	s.	26	nw.	2	8	7	16	6.5	T	.0	2
Rochester [1]	523	5	69	995.6	1,015.6	−2.0	50.0	+.5	81	19	59	31	28	41	33	467	40	80	4.59	+1.9	2.52	17	11.0	sw.	38	w.	26	6	10	15	6.6	.0	.0	2
Syracuse [1]	596	5	57	992.9	1,015.2	−2.8	49.9	+.4	80	19	60	31	4	40	42	467	42	80	6.52	+3.4	2.55	21	10.5	sw.	34	w.	2	4	10	17	6.8	T	.0	1
Erie [2]	714	57	81	990.2	1,016.6	−1.0	52.7	−.7	78	19	60	38	15	46	27	381	41	76	6.11	+2.4	2.25	20	8.4	s.	24	sw.	31	9	7	15	6.1	T	.0	2
Cleveland [1]	762	27	54	988.8	1,016.9	−1.1	51.8	−.9	76	29	61	33	4	42	31	407	42	76	4.20	+1.4	1.04	16	11.2	s.	30	sw.	2	9	8	14	5.8	T	.0	4
Sandusky	629	5	67	993.6	1,016.6	−1.4	53.2	−1.1	77	18	62	35	27	44	32	368	----	---	3.38	+.9	1.51	15	9.8	sw.	27	sw.	31	15	6	10	4.6	.0	.0	3
Toledo [1]	628	5	47	993.6	1,016.6	−1.0	50.4	−1.2	76	18	62	30	15	39	35	452	40	78	4.54	+2.2	.62	13	11.3	sw.	34	sw.	31	8	11	12	5.5	.0	.0	3
Fort Wayne [1]	857	5	33	985.4	1,017.3	-----	50.0	−2.7	76	18	61	29	27	39	33	464	41	81	2.68	+.1	2.64	9	8.4	sw.	29	nw.	2	12	7	12	5.2	.0	.0	1
Detroit [1]	730	5	78	989.5	1,016.6	−1.0	51.0	−.9	76	18	60	32	15	42	27	433	40	75	3.14	+.8	1.71	14	10.2	sw.	33	nw.	2	8	10	13	5.7	.0	.0	0
UPPER LAKES							46.9	−1.0										77	1.91	−0.7											6.0			
Alpena	609	5	89	991.5	1,014.2	−2.7	46.4	−.7	80	18	54	29	30	39	32	579	38	80	3.51	+.8	.56	17	11.0	nw.	42	nw.	30	4	12	15	6.8	T	.0	4
Escanaba	612	51	72	991.5	1,014.6	−1.7	45.0	−1.0	64	4	53	28	3	37	32	625	36	73	2.12	−.5	.73	11	11.0	nw.	33	nw.	30	5	16	10	5.8	.1	.0	2
Grand Rapids [2]	707	70	244	989.8	1,015.9	−1.4	50.3	−.9	79	18	59	32	15	41	32	462	40	80	1.58	−1.2	1.27	8	12.1	sw.	52	sw.	30	11	10	10	5.2	T	.0	1
Lansing [2]	878	5	90	984.4	1,016.9	-----	47.8	−2.5	74	18	58	30	15	38	32	531	38	76	2.56	+.1	1.17	13	8.4	sw.	28	sw.	30	9	8	14	5.6	.0	.0	1
Marquette	734	44	73	986.1	1,013.2	−3.1	45.2	−1.5	76	4	53	29	24	38	32	608	36	75	2.41	−.4	73	15	9.3	w.	28	nw.	30	4	8	19	7.1	.8	.0	2
Sault Ste. Marie [1]	614	11	52	990.2	1,013.2	−3.1	43.4	+.4	70	17	51	29	3	36	33	669	36	84	3.30	+.2	.64	15	11.7	nw.	47	w.	30	2	4	25	7.9	.2	T	2
Chicago [1]	673	5	36	992.2	1,017.3	.0	51.4	−1.1	79	18	62	30	10	41	35	424	40	74	1.18	−1.4	.50	11	9.9	sw.	26	nw.	8	12	9	10	5.2	.0	.0	1
Green Bay	617	5	32	992.6	1,015.2	−1.4	46.8	−1.7	73	17	56	26	3	37	39	562	36	74	.99	−1.6	.34	6	8.2	s.	29	w.	30	5	16	10	6.3	T	.0	0
Milwaukee [1]	681	33	66	990.9	1,016.3	−.6	48.8	−.7	75	18	58	30	27	39	40	504	38	74	.78	−1.6	.85	7	13.0	sw.	37	sw.	30	8	15	8	5.4	.0	.0	0
Duluth [2]	1,133	5	47	972.2	1,014.2	−1.7	44.0	−.1	79	18	54	21	31	34	34	654	32	76	.71	−1.6	.46	6	11.9	nw.	38	nw.	19	14	9	8	4.7	T	.0	1
NORTH DAKOTA							45.3	+1.9										65	0.40	−0.8														
Fargo [1]	949	5	43	979.3	1,014.6	−1.3	44.6	+.1	82	17	57	13	31	32	42	630	33	71	.35	−1.3	.22	4	11.7	s.	40	nw.	25	10	9	12	5.4	T	.0	0
Bismarck [1]	1,677	5	43	954.3	1,015.2	−.4	46.4	+2.8	80	16	62	15	31	31	49	574	29	57	.07	−.9	.06	2	10.0	nw.	45	nw.	18	11	7	13	5.4	.0	.0	.0
Devils Lake	1,478	11	44	960.0	1,014.6	−1.0	43.8	+1.4	83	16	56	16	31	31	41	662	30	65	.44	−.8	.23	2	8.2	nw.	29	nw.	30	12	9	10	5.3	T	.0	0
Grand Forks [1]	832	4	41	983.4	1,014.6	-----	42.8	-----	79	17	57	12	31	29	44	686	31	74	.31	------	.17	4	----	w.	---	------	--	10	7	14	----	T	.0	0
Williston	1,878	42	50	947.2	1,014.6	−.6	46.5	+3.1	82	16	60	17	29	33	42	573	31	60	.72	−.1	.54	4	7.2	w.	31	nw.	18	10	11	10	5.3	T	.0	0
UPPER MISSISSIPPI							52.3	−0.5										71	0.76	−1.7											5.1			
Minneapolis - St. Paul [1]	919	43	74	981.0	1,015.2	−1.1	48.6	−.3	82	18	59	24	31	38	37	506	36	68	.30	−1.8	.30	4	10.3	nw.	42	w.	30	13	9	9	4.7	.0	.0	3
Springfield, Minn.	1,025	4	42	978.0	1,015.9	-----	50.0	-----	84	17	63	22	31	37	41	473	34	64	.29	------	.31	3	----	sw.	---	------	--	12	11	8	----	.0	.0	1
La Crosse [1]	714	5	29	989.5	1,015.9	−.7	47.6	−1.5	76	18	59	25	31	36	41	537	37	75	.30	−2.0	.12	6	9.0	s.	34	nw.	30	11	12	8	5.1	.0	.0	2
Madison [2]	974	70	78	980.7	1,016.9	−.3	49.0	−1.3	74	17	58	31	31	40	34	496	38	74	.39	−2.0	.30	5	8.3	sw.	23	sw.	30	11	12	8	5.1	.0	.0	0
Charles City	1,015	10	51	980.0	1,017.3	+.7	49.5	+.9	78	18	61	26	31	38	38	481	----	---	.34	−2.0	.43	7	6.1	nw.	19	nw.	18	13	9	9	4.6	.0	.0	1
Moline [1]	606	6	50	995.3	1,017.6	+.3	51.0	−1.0	80	17	62	27	15	40	41	437	40	71	1.09	−1.3	.64	7	8.6	sw.	29	sw.	7	8	12	11	5.7	.0	.0	1
Des Moines [2]	860	5	99	986.1	1,017.6	+.7	53.8	+.4	81	18	64	30	9	43	39	350	38	66	.31	−2.2	.15	4	8.5	sw.	29	nw.	25	10	12	9	5.4	.0	.0	0
Dubuque	699	60	79	991.2	1,016.6	−.7	51.1	−.8	77	17	61	31	15	41	37	435	38	67	.11	−2.4	.25	5	5.2	nw.	17	nw.	8	11	3	7	5.0	.0	.0	0
Burlington [1]	702	4	36	991.9	1,018.0	+.4	52.0	−1.	878	17	64	27	9	40	36	401	42	77	.56	−2.1	.48	5	9.8	sw.	29	sw.	7	9	11	11	5.3	.0	.0	2
Cairo	357	5	99	1,005.8	1,018.6	+.3	59.3	−1.2	79	12	68	40	9	50	29	190	----	---	1.97	−.8	1.19	7	7.5	sw.	26	sw.	1	13	8	10	5.1	.0	.0	2
Peoria [1]	609	6	26	995.6	1,018.0	+.4	51.5	+.5	78	17	63	30	26	40	38	418	41	76	.74	−1.6	.56	5	8.8	sw.	25	sw.	30	11	10	10	4.9	.0	.0	2
Springfield, Ill. [2]	636	5	191	994.6	1,018.3	+1.7	55.8	.0	79	17	66	34	9	45	33	282	42	78	1.95	−.6	1.57	7	11.2	s.	26	nw.	8	15	7	9	4.6	.0	.0	4
St. Louis [2]	568	6	303	997.6	1,018.3	+.0	58.4	−.4	81	27	68	39	9	49	---	223	----	68	1.08	−1.6	.83	5	10.7	sw.	29	s.	30	12	12	7	----	.0	.0	1
MISSOURI VALLEY							55.0	+1.1										68	0.72	−1.5											4.6			
Columbia, Mo. [2]	784	6	66	989.5	1,018.0	+.4	56.4	−.5	81	18	68	34	26	45	36	280	44	72	1.60	−1.0	.63	8	6.3	s.	24	nw.	19	14	10	7	4.5	.0	.0	1
Kansas City [1]	963	39	76	982.4	1,017.6	+.3	57.2	−.5	83	18	68	32	9	47	35	253	44	69	.92	−1.8	.43	7	9.7	sw.	33	nw.	21	16	7	8	4.4	.0	.0	3
St. Joseph [2]	967	11	49	982.1	1,017.6	-----	56.0	.0	84	18	67	30	9	45	35	289	44	75	.67	−2.2	.19	6	7.3	s.	25	n.	21	20	5	6	3.7	.0	.0	3
Springfield, Mo. [1]	1,324	5	67	970.9	1,018.3	+.7	56.7	−.9	81	18	68	34	9	46	34	267	48	81	3.07	.0	2.39	5	10.4	s.	36	n.	21	14	4	13	5.3	.0	.0	1
Topeka	987	65	87	981.7	1,018.0	-----	57.6	+.6	88	18	69	32	9	46	35	244	45	70	.46	−2.0	.14	6	8.5	s.	26	n.	21	16	7	8	4.8	.0	.0	3
Lincoln [2]	1,189	11	81	973.9	1,017.3	+.4	56.0	+1.8	87	18	67	27	22	45	36	287	38	60	.07	−1.8	.07	1	8.9	s.	27	nw.	18	14	7	10	4.8	.0	.0	0
Omaha [1]	1,105	5	68	976.6	1,017.3	+.4	55.1	+1.7	86	18	67	27	22	43	36	315	40	68	.02	−2.2	.02	1	10.1	s.	35	nw.	18	14	9	8	4.5	.0	.0	1
Valentine	2,598	46	54	924.1	1,016.3	.0	52.6	+3.3	87	15	69	21	24	36	49	386	32	53	T	−1.1	T	0	8.4	w.	27	nw.	18	15	9	7	4.3	.0	.0	0
Sioux City [1]	1,138	5	40	------	1,016.6	.0	52.5	+2.8	87	18	67	24	22	38	---	392	38	66	.01	−1.8	.01	1	9.6	s.	34	w.	18	10	13	8	----	.0	.0	1
Huron [1]	1,301	5	41	967.8	1,015.6	−.7	50.0	+2.3	86	3	66	19	22	34	48	462	34	63	.33	−1.0	.36	3	11.1	s.	44	n.	18	9	14	8	5.2	.0	.0	1
NORTHERN SLOPE							50.2	+4.9										59	0.62	−0.3											5.0			
Billings [1]	3,570	16	40	891.6	1,014.9	-----	51.9	+3.9	81	3	65	27	21	39	42	407	36	56	.50	------	.25	5	10.6	sw.	40	nw.	17	13	8	10	5.1	1.5	.0	0
Havre	2,507	11	67	925.8	1,014.9	−.3	48.9	+4.4	81	2	63	25	29	35	46	498	33	61	1.28	+.6	1.15	5	7.9	sw.	26	sw.	31	10	10	11	5.5	T	.0	0
Helena [1]	4,124	5	43	874.4	1,016.9	.0	49.2	+5.4	80	3	64	21	21	34	44	486	32	57	.23	−.4	.12	3	8.2	w.	45	w.	30	10	9	12	5.6	T	.0	0
Missoula	3,263	4	32	903.8	1,018.6	-----	48.8	+5.5	77	2	63	23	21	35	42	505	36	66	.48	−.5	.23	8	5.1	w.	31	nw.	17	10	6	15	5.7	T	.0	0
Kalispell	2,973	48	56	913.0	1,016.6	+.3	46.8	+3.3	75	3	58	23	21	36	39	569	37	72	1.77	+.7	.86	7	5.2	w.	20	sw.	17	11	5	15	5.7	1.7	.0	0
Miles City [1]	2,371	5	78	931.3	1,015.6	−.3	50.4	-----	84	3	65	26	8	36	42	452	33	61	.46	------	.24	5	----	w.	---	------	--	14	8	9	4.6	T	.0	0
Rapid City [1]	3,259	5	63	902.1	1,016.3	.0	51.6	+4.0	85	3	66	24	24	37	45	416	32	50	.20	−.7	.15	3	13.2	nw.	50	nw.	18	20	3	8	3.9	T	.0	0
Cheyenne [1]	6,094	5	40	814.8	1,015.9	−.4	49.3	+4.5	76	3	64	14	23	34	42	489	30	51	.53	−.4	.39	4	10.5	nw.	42	w.	31	15	7	9	4.4	4.6	.0	0
Lander	5,352	60	68	836.4	1,015.9	−1.4	49.6	+6.1	78	5	66	19	21	33	43	482	32	55	.41	−1.0	.21	7	4.1	sw.	39	sw.	18	15	7	9	4.4	3.1	.0	3
Sheridan [1]	3,790	5	38	884.9	1,016.6	-----	51.0	+6.4	82	3	66	25	19	36	44	437	32	58	.69	−.4	.36	5	7.0	nw.	45	nw.	17	13	8	10	4.9	2.4	.0	0
North Platte [2]	2,821	11	51	917.4	1,016.3	−.3	54.8	+5.1	86	16	71	24	24	39	47	316	36	64	.03	−1.0	.02	2	6.6	n.	23	n.	18	13	11	7	4.7	T	.0	0

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR OCTOBER 1945—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							57.8	+1.2										66	0.70	−1.3											5.0			
Denver [2]	5,292	106	113	839.5	1,015.9	−.4	54.9	+3.7	80	5	68	26	23	42	40	315	32	51	.63	−.4	.43	5	7.1	s.	26	nw.	20	13	13	5	4.4	2.9	.0	0
Pueblo [1]	4,690	5	36	858.5	1,016.9	+.3	54.8	+3.6	86	7	73	20	24	37	49	315	32	56	1.30	+.6	.97	3	7.2	nw.	33	sw.	31	14	10	7	4.3	T	.0	1
Concordia	1,392	50	58	967.2	1,017.6	+.7	57.0	+1.1	88	18	69	29	22	45	39	264	42	65	.29	−1.7	.16	3	7.4	s.	22	nw.	18	16	8	7	4.5	.0	.0	0
Dodge City [1]	2,509	5	58	928.5	1,016.3	−.3	57.2	+1.1	86	7	70	28	22	44	44	254	42	66	1.17	−.1	.94	4	14.2	s.	45	ne.	18	10	13	8	4.9	T	.0	1
Wichita [1]	1,358	6	64	968.5	1,017.3	+.4	58.0	−.6	80	12	68	33	22	48	32	227	48	75	.51	−2.1	.25	7	12.4	s.	44	n.	21	12	8	11	5.2	.0	.0	0
Oklahoma City [2]	1,214	10	47	973.9	1,017.3	+.4	62.0	+.5	83	18	72	35	22	52	36	130	50	74	.37	−2.5	.25	6	8.0	s.	28	nw.	21	6	12	13	6.0	.0	.0	0
Tulsa [1]	674	10	60	992.9	1,017.3	----	60.6	−1.0	83	18	72	36	25	50	39	159	51	78	.65	−2.7	.33	6	9.6	s.	42	n.	21	9	10	12	5.5	.0	.0	1
SOUTHERN SLOPE							62.8	+0.4										70	2.72	+0.8											4.9			
Abilene [1]	1,738	4	59	956.0	1,016.6	+.3	63.9	−.4	89	31	75	36	22	53	42	90	52	76	4.12	+1.6	1.44	7	11.6	s.	42	nw.	21	13	8	10	4.8	.0	.0	0
Amarillo [1]	3,676	5	42	891.3	1,016.9	+1.4	58.6	+2.8	85	31	72	30	22	46	40	207	44	70	1.31	−.4	.96	6	12.8	sw.	43	n.	21	12	10	9	4.7	T	.0	2
Del Rio	960	63	71	982.7	1,015.6	+.4	68.8	−1.2	88	21	79	40	25	59	36	35	56	72	4.06	+2.2	3.17	8	8.3	se.	28	n.	21	14	8	9	4.8	.0	.0	1
Roswell	3,566	75	85	895.4	1,016.6	+2.0	59.8	+.3	89	31	73	30	24	47	43	179	44	64	1.39	.0	.80	4	6.8	s.	34	ne.	21	10	11	10	5.3	.0	.0	0
SOUTHERN PLATEAU							66.2	+3.1										52	1.31	+0.6											4.2			
El Paso [1]	3,778	39	85	888.3	1,014.6	+1.4	63.8	+1.8	83	7	76	36	25	51	39	84	48	62	4.31	+3.5	1.77	7	7.5	se.	29	nw.	23	13	9	9	5.1	.0	.0	1
Albuquerque [1]	5,314	5	45	840.2	1,014.6	----	58.6	+2.0	80	5	72	29	24	45	36	206	36	48	.43	−.4	.38	6	8.9	se.	35	nw.	21	15	11	5	4.0	.0	.0	2
Flagstaff	6,907	36	51	793.4	1,018.0	+4.8	50.7	+3.8	73	3	66	23	25	36	48	440	34	58	.76	−.7	.34	9	----	nw.	---	------	--	14	11	6	4.3	.0	.0	3
Phoenix [2]	1,107	39	87	------	1,011.9	.0	75.0	+4.4	96	4	88	46	25	61	---	2	50	50	.69	+.2	.54	3	5.9	e.	20	se.	5	15	10	6	----	.0	.0	1
Tucson [1]	2,555	5	39	925.5	1,012.2	----	71.6	+2.9	94	7	85	42	25	58	40	7	46	47	1.13	+.6	.84	4	----	se.	---	------	--	15	9	7	4.3	.0	.0	2
Yuma	142	9	54	1,006.4	1,010.8	−.7	77.2	+3.9	103	2	91	52	25	64	39	0	50	47	.54	+.3	.54	2	4.9	n.	22	n.	23	17	12	2	3.2	.0	.0	2
MIDDLE PLATEAU							53.7	+3.6										53	1.23	+0.6											4.7			
Reno [1]	4,527	20	52	863.5	1,016.3	+.7	53.6	+5.1	85	2	71	18	24	36	59	353	36	60	2.14	+1.8	1.27	7	6.4	sw.	34	sw.	27	13	8	10	4.7	.0	.0	5
Tonopah	6,090	9	20	815.8	1,015.2	----	52.9	+.8	75	3	62	30	23	44	38	373	36	54	1.71	+1.4	.69	11	----	se.	---	------	--	12	9	10	----	.0	.0	5
Winnemucca	4,339	5	56	869.6	1,016.9	−.7	52.8	+4.5	85	2	69	18	24	37	51	380	32	50	.77	+.2	.42	7	7.0	ne.	21	sw.	30	13	8	10	4.9	.0	.0	3
Modena	5,473	10	46	835.8	1,015.9	+1.3	51.7	+3.7	79	3	67	20	24	36	48	410	----	---	1.49	+.8	.93	9	8.1	w.	28	s.	30	11	12	8	4.5	.0	.0	6
Salt Lake City [1]	4,227	32	58	869.6	1,016.9	+.6	55.1	+4.3	80	3	69	25	23	42	37	307	35	53	.58	−.7	.27	7	9.5	se.	42	nw.	30	13	6	12	4.9	T	.0	3
Grand Junction	4,602	60	68	862.2	1,016.6	+1.0	56.2	+3.4	84	7	69	27	25	44	33	279	36	50	.71	−.2	.27	8	5.4	se.	32	nw.	20	14	9	8	4.3	.0	.0	5
NORTHERN PLATEAU							53.5	+4.3										59	0.59	−0.6											4.8			
Baker [2]	3,471	36	54	897.7	1,018.6	.0	50.5	+3.9	83	14	66	20	21	35	47	449	31	61	.35	−.6	.16	.8	5.9	s.	29	sw.	27	14	7	10	4.6	T	.0	0
Boise [1]	2,739	5	49	921.4	1,016.9	−1.1	55.2	+5.1	85	2	69	20	23	41	39	309	34	48	.02	−.6	.52	6	9.4	se.	27	se.	21	15	7	9	4.3	T	.0	3
Pocatello [1]	4,478	5	31	865.6	1,018.6	+1.3	52.0	+5.5	82	3	68	24	19	36	48	397	32	54	.69	−1.0	.40	5	8.4	sw.	40	s.	30	12	12	7	4.5	.2	.0	1
Spokane [1]	1,929	27	42	948.2	1,017.3	−.7	50.8	+2.5	79	2	63	24	23	39	37	440	40	72	.79	−.4	.28	8	6.0	ne.	25	sw.	17	12	7	12	5.4	T	.0	0
Walla Walla	991	57	65	981.4	1,017.3	−1.0	57.2	+3.7	82	9	68	31	21	47	31	252	----	---	.61	−.9	.34	5	4.6	sw.	20	sw.	24	15	6	10	4.7	.0	.0	0
Yakima	1,076	58	67	978.0	1,016.9	----	55.2	+5.0	83	8	68	24	28	42	37	315	----	---	.50	−.1	.40	3	5.0	nw.	27	sw.	24	15	3	13	5.0	.0	.0	0
NORTH PACIFIC COAST							54.1	+1.4										80	2.75	−1.0											6.3			
North Head	211	5	55	1,010.5	1,018.0	+.4	52.0	−.9	81	1	57	40	23	47	29	405	48	88	2.35	−2.7	.60	16	11.1	s.	41	w.	21	7	5	19	6.9	.0	.0	0
Seattle [2]	125	90	321	1,013.5	1,018.0	+.4	54.8	+1.1	77	8	61	38	23	48	24	314	48	82	2.23	−.6	.70	15	8.5	s.	45	sw.	24	9	7	15	6.3	.0	.0	1
Tacoma	194	172	201	1,011.2	1,017.6	+.3	52.8	+2.3	73	1	60	35	18	46	28	377	----	---	2.71	−.6	.70	13	6.8	n.	36	sw.	21	6	10	15	6.3	.0	.0	0
Tatoosh Island	86	9	61	1,014.6	1,017.3	+1.0	50.2	+.3	64	8	55	42	18	46	18	461	46	88	7.35	−.8	1.32	16	14.3	e.	66	nw.	21	6	9	16	6.8	.0	.0	0
Medford [1]	1,329	29	58	969.9	1,016.6	----	56.6	+3.0	93	1	72	27	25	42	54	272	42	66	1.26	−.2	.58	9	----	s.	---	------	--	10	6	15	5.7	.0	.0	1
Portland, Oreg. [2]	154	68	106	1,012.9	1,018.0	.0	56.0	+1.8	85	1	64	38	18	48	31	288	48	80	1.73	−1.4	.43	11	5.5	nw.	16	nw.	4	7	8	16	6.5	.0	.0	0
Roseburg	510	45	76	999.3	1,017.6	−1.0	56.0	+2.1	94	1	68	33	18	44	49	287	48	76	1.63	−1.0	.41	9	3.1	nw.	18	n.	4	10	10	11	5.5	.0	.0	0
MIDDLE PACIFIC COAST							62.3	+2.0										68	2.89	+1.4											5.5			
Eureka	60	72	88	1,015.2	1,017.3	−.7	53.4	−.2	72	5	58	4[illegible]	23	48	25	362	49	88	3.38	+1.0	.99	12	6.1	n.	30	n.	4	5	4	22	7.7	.0	.0	1
Red Bluff [1]	353	5	26	1,001.7	1,013.9	----	68.4	+4.1	98	2	80	39	25	56	43	54	42	47	3.71	+2.4	2.29	7	8.6	nw.	33	se.	30	13	8	10	4.8	.0	.0	2
Sacramento	66	92	115	1,012.2	1,014.2	−1.4	65.7	+2.8	94	2	78	45	26	54	38	42	48	60	2.53	+1.6	1.12	6	6.9	s.	27	nw.	22	15	9	7	4.0	.0	.0	3
San Francisco [2]	155	112	132	1,009.8	1,014.9	−1.4	61.6	+1.1	83	2	68	53	19	56	29	121	51	77	1.95	+.8	1.02	5	7.8	w.	30	sw.	30	9	11	11	5.5	0	.0	0
SOUTH PACIFIC COAST							67.1	+3.2										65	0.53	0.0											5.0			
Fresno [1]	327	5	34	1,002.4	1,013.9	−.7	66.7	+4.4	96	3	80	40	23	53	43	38	50	60	1.04	+.5	.50	8	4.6	nw.	22	nw.	10	13	11	7	4.4	.0	.0	5
Los Angeles	338	223	250	1,003.1	1,014.6	+.4	67.2	+1.9	97	2	76	52	28	59	32	27	51	66	.56	−.1	.37	3	6.0	w.	20	se.	29	10	12	9	5.2	.0	.0	6
San Diego [1]	87	20	55	1,011.5	1,014.2	.0	67.4	+3.3	94	2	74	51	26	60	32	12	54	70	T	−.5	T	0	6.0	nw.	18	e.	29	9	11	11	5.5	.0	.0	0
ALASKA																																		
Anchorage [1]	132	6	44	995.3	1,000.3	----	34.8	−1.2	55	8	42	5	27	27	28	940	29	76	2.32	+.1	.58	14	8.0	n.	38	se.	21	3	5	23	7.7	10.6	T	0
Fairbanks [1]	455	5	63	984.4	1,001.7	----	26.2	−.6	55	3	35	−9	31	18	33	1,206	24	84	1.40	+.6	.25	19	6.9	e.	27	sw.	30	1	6	24	8.3	17.3	7.3	0
Juneau [1]	80	6	30	1,005.8	1,008.8	----	46.7	----	56	1	47	16	29	38	17	704	38	83	11.05	------	3.02	26	10.9	se.	38	se.	11	1	1	29	8.8	.2	.0	0
Nome	22	25	56	999.0	999.7	----	27.9	−1.5	48	1	34	7	25	21	22	1,140	25	82	2.55	+1.0	1.05	16	11.7	ne.	57	sw.	29	5	9	17	6.8	19.8	6.6	0
Gambell	32	5	32	1,000.0	1,001.4	----	27.9	−3.3	39	11	31	11	31	24	13	1,150	25	86	1.80	+.2	----	15	21.0	n.	56	n.	18	1	5	25	8.5	15.1	8.4	0
Ketchikan	75	69	90	1,011.5	1,012.2	----	46.6	−.1	61	1	51	28	29	42	13	568	42	85	24.90	+4.8	6.33	29	7.5	se.	34	se.	22	1	1	29	8.8	T	.0	0
Kotzebue	20	5	31	999.0	999.7	----	24.8	+.1	45	3	30	2	24	20	19	1,246	23	86	.52	.0	----	16	14.7	se.	52	e.	28	4	6	21	7.7	4.8	3.1	0
McGrath	341	5	31	------	1,001.7	----	25.2	−2.7	52	3	33	−8	26	17	35	1,235	23	84	3.16	+1.2	1.54	19	----	n.	---	------	--	2	8	21	8.1	24.7	11.8	0
HAWAII																																		
Honolulu	38	86	100	------	1,014.9	----	77.8	+1.0	85	7	83	69	13	73	---	0			.61	−.9	.20	10	9.1	ne.	27	ne.	26	9	17	5	----	.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], [3], [4], and [5] data in table are city office records