CLIMATOLOGICAL DATA FOR NOVEMBER 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	57.0	+2.7	2 stations	87	[1] 2	Valley Head	16	24	3.55	+0.34	Waterloo	13.30	Robertsdale	0.94
Arizona	50.4	−.2	Granite Reef Dam	99	4	Alpine	−1	21	.01	−.95	Burrus Ranch	.20	102 stations	.00
Arkansas	53.5	+2.2	Monticello	88	2	Gilbert	14	24	3.97	+.24	Parkin	11.47	Bentonville	.34
California	50.3	−1.9	San Jacinto	96	1	Ellery Lake	−10	30	3.14	+.73	Elk Valley	24.18	21 stations	.00
Colorado	35.3	−.1	Eversoll Ranch	86	5	3 stations	−22	22	.48	−.29	Winter Park	2.91	3 stations	.00
Florida	64.9	−.1	Eustis	93	11	Inverness	22	25	1.10	−1.03	Vero Beach	5.11	2 stations	.00
Georgia	56.2	+1.7	2 stations	87	2	Clayton	14	24	2.40	−.18	Ellijay	4.77	Thomasville	.35
Idaho	33.7	−1.6	Parma	76	3	Hill City	−17	21	2.89	+.82	Roland	11.06	May	.15
Illinois	42.8	+.6	East St. Louis	82	1	2 stations	9	22	2.60	−.01	2 stations	5.40	Bluffs	.66
Indiana	44.0	+1.6	Seymour	81	1	2 stations	12	[1] 4	3.38	+.33	North Vernon	6.58	Columbia City	1.16
Iowa	36.9	+.5	2 stations	81	5	Belmond	3	22	1.25	−.35	Lansing	4.52	Mondamin	.04
Kansas	45.8	+2.5	4 stations	88	5	Oberlin	0	23	.15	−1.10	Blue Rapids	.83	4 stations	.00
Kentucky	48.1	+1.7	Lovelaceville	86	1	2 stations	16	24	5.64	+2.24	Corbin	9.83	Ford's Ferry, Dam	3.25
Louisiana	62.0	+3.2	4 stations	88	[1] 2	Tallulah	22	24	2.39	−1.49	Winnfield	5.64	Pearl River	.83
Maryland-Delaware.	48.4	+3.1	Millsboro, Del	81	2	2 stations	12	26	4.17	+1.35	Sines, Md	6.48	Annapolis, Md	1.68
Michigan	37.3	+1.0	Holland	78	7	Garnet	−3	26	2.89	+.36	Mancelona	7.53	Whitefish Point	.17
Minnesota	28.4	−1.2	Albert Lea	73	5	2 stations	−8	10	1.20	+.04	Winona	5.52	Ada	.10
Mississippi	58.3	+3.2	Columbia	87	2	3 stations	19	24	4.22	+.60	Holly Springs	13.51	Rio	1.08
Missouri	46.3	+1.8	Marshall	86	6	Maryville	6	22	1.39	−1.26	Campbell	5.15	Joplin	.20
Montana	30.1	−2.0	6 stations	75	4	Opheim No. 1	−30	9	1.09	+.07	Heron	6.68	3 stations	T
Nebraska	39.2	+1.8	2 stations	88	5	Nenzel (near)	−3	23	.16	−.58	Auburn	.81	13 stations	.00
Nevada	40.5	+.6	Mesquite	86	6	2 stations	−9	[1] 21	.65	−.03	Montello	2.59	4 stations	.00
New England	39.3	+1.3	Weston, Mass	78	3	Presque Isle, Maine	−3	29	5.43	+1.87	East Wareham, Mass	10.61	Ft. Kent, Maine	2.47
New Jersey	46.1	+2.4	Clayton	80	2	2 stations	11	[1] 24	5.54	+2.28	Elizabeth	7.85	Burlington	3.01
New Mexico	43.2	+.7	3 stations	89	[1] 4	3 stations	−10	21	.02	−.61	Dulce	.41	151 stations	.00
New York	39.6	+1.5	Avon	76	7	Wanakena	1	26	4.95	+1.90	Cutchogue	8.08	Wilson	2.36
North Carolina	51.9	+1.9	2 stations	85	[1] 1	Mt. Mitchell	2	23	2.90	+.26	Nantahala	5.80	Wadesboro	.25
North Dakota	22.3	−4.4	Hettinger	75	4	Willow City	−26	10	.48	−.12	Mohall	1.55	Ashley	T
Ohio	43.3	+1.8	Chesapeake	80	1	3 stations	13	[1] 23	3.60	+.91	Athens	6.78	Holgate	1.21
Oklahoma	52.8	+3.0	Hollis	94	5	Kenton	6	22	.45	−1.54	Wilburton	2.30	21 stations	.00
Oregon	38.9	−1.4	Brookings	81	3	Austin	−5	21	6.09	+2.37	Valsetz	28.65	Plush	.29
Pennsylvania	42.0	+.7	Marcus Hook	85	9	Corry	5	27	5.25	+2.35	Newburg	8.20	Austinburg	2.26
South Carolina	55.7	+2.0	Walterboro	89	11	Caesars Head	15	24	1.56	−.74	Caesars Head	4.67	Blackville	.08
South Dakota	32.9	−.3	Academy	82	5	Ralph	−13	8	.30	−.32	Camp Crook	1.18	2 stations	.00
Tennessee	50.7	+2.2	5 stations	82	[1] 1	Crossville	12	24	7.28	+3.73	Brownsville	14.31	Tri-City	2.57
Texas	60.7	+3.6	Falfurrias	94	[1] 2	Muleshoe	8	22	.88	−1.24	Anahuac	4.90	37 stations	.00
Utah	35.7	−1.7	Zion National Park	78	2	Woodruff	−16	22	1.82	+.84	Rice Canyon	7.90	3 stations	.00
Virginia	48.5	+1.9	2 stations	84	[1] 2	Big Meadows	9	24	3.43	+.99	Rose Hill	6.60	Cootes Store	1.62
Washington	38.0	−1.7	3 stations	75	[1] 3	Chesaw	−7	8	6.51	+2.15	Petersons Ranch	27.25	Prosser (near)	.82
West Virginia	44.9	+1.7	Charleston	84	13	Canaan Valley	4	26	5.29	+2.52	Pickens No. 2	9.29	Petersburg	2.75
Wisconsin	33.4	.0	Brodhead	76	6	Big St. Germain Dam	−5	10	3.59	+1.70	Coddington	8.14	Cumberland	1.16
Wyoming	32.1	+.5	Wheatland	79	11	2 stations	−21	22	.87	+.14	Grassy Lake Dam	6.68	Lookout	.03
Alaska (October)	30.7	+.3	Susitna	63	1	Allakaket	−21	26	4.89	+1.24	Little Port Walter	48.17	Northway	.27
Hawaii	72.9	+1.0	Lahaina	91	[1] 17	Haleakala, R. S	41	[1] 7	4.62	−2.87	Makahanaloa No. 2	34.00	Lahaina	.08
Puerto Rico	75.2	−.9	Guayama	96	[1] 19	Cayey	47	[1] 26	4.30	−2.51	Mora Camp	9.74	Coamo Dam	.08

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR NOVEMBER 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: Departure from normal	Temperature: Maximum	Temperature: Date	Temperature: Mean maximum	Temperature: Minimum	Temperature: Date	Temperature: Mean minimum	Temperature: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F.		°F.	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
NEW ENGLAND							41.3	+2.4										82	5.74	+2.5											6.9			
Eastport	75	67	85	1,013.5	1,016.9	+.6	38.6	+1.9	57	3	44	21	17	33	23	792	32	80	6.90	+3.6	1.82	15	12.5	nw.	55	e.	20	6	7	17	7.0	9.8	9.0	0
Greenville, Maine	1,070	6	41	977.7	1,018.3	----	30.7	+.1	53	13	38	6	28	24	24	1,028	28	---	4.07	+1.0	1.05	12	----	nw.	--	------	--	5	4	21	----	21.3	13.0	0
Portland, Maine [1]	103	5	43	1,013.2	1,017.3	+1.0	37.8	-.2	64	8	46	18	27	29	30	819	33	88	5.10	+1.6	1.69	14	9.6	n.	50	e.	20	8	6	16	6.8	11.0	5.2	0
Concord [1]	289	5	45	1,006.4	1,018.0	.0	38.0	+2.6	74	9	48	11	27	28	32	812	32	84	3.92	+.8	1.25	16	8.3	nw.	39	e.	20	5	8	17	7.1	4.8	3.6	0
Burlington [1]	403	5	51	1,001.7	1,017.3	-.3	37.6	+1.3	67	9	45	14	27	30	27	822	32	82	3.45	+.8	.77	16	11.1	s.	33	s.	13	5	3	22	7.7	9.3	4.6	0
Boston [1]	124	33	62	1,012.2	1,017.3	-.3	45.5	+3.5	74	9	53	25	30	38	25	584	37	76	6.86	+3.5	1.70	13	13.4	nw.	63	ne.	29	5	7	18	7.1	4.9	3.6	0
Nantucket	12	11	59	1,015.9	1,016.6	-1.0	47.4	+3.0	66	3	53	30	24	42	21	529	42	84	6.38	+3.2	1.59	13	14.2	s.	47	ne.	29	5	12	13	6.8	T	.0	0
Block Island	26	11	46	1,015.2	1,016.6	-1.4	47.0	+2.4	65	9	53	30	24	41	20	539	40	80	6.84	+3.2	2.01	12	19.1	n.	54	ne.	29	6	13	11	6.2	.5	.5	1
Providence [3]	159	46	60	1,011.2	1,017.3	-1.0	45.7	+5.3	74	9	54	24	27	38	25	579	36	80	8.50	+5.4	2.70	13	9.9	n.	38	se.	22	4	10	16	7.0	10.2	5.9	0
Hartford [1]	159	5	44	------	1,018.0	-.6	42.4	+2.9	72	9	51	18	27	33	----	678	34	80	5.81	+2.3	1.59	15	8.6	n.	42	nw.	20	4	10	16	----	10.0	8.7	0
New Haven [1]	107	5	39	1,013.2	1,017.6	-.7	43.7	+3.8	67	9	52	24	24	35	28	640	38	82	5.28	+2.2	1.28	14	8.2	ne.	32	se.	22	7	8	15	6.4	4.2	2.7	0
MIDDLE ATLANTIC							47.5	+2.8										76	4.44	+1.9											6.2			
Albany [1]	97	26	40	1,013.5	1,017.3	-1.3	39.6	+3.3	68	9	47	17	27	32	36	759	34	80	4.36	+1.9	.99	16	9.6	s.	38	w.	20	3	7	20	7.8	7.7	7.5	0
Binghamton [3]	871	60	79	984.8	1,017.6	-1.4	41.5	+2.8	72	8	49	19	27	34	37	706	34	81	5.01	+2.6	1.39	16	6.7	e.	20	w.	20	5	6	19	7.6	3.9	2.0	1
New York	314	415	454	1,005.4	1,017.3	-1.7	47.4	+3.2	73	8	55	23	24	40	25	530	38	72	4.96	+2.0	1.93	15	16.7	n.	54	nw.	20	6	10	14	6.1	2.8	2.0	0
Harrisburg [1]	374	30	49	1,004.1	1,018.3	-1.3	44.6	+1.8	73	9	53	22	24	36	35	613	35	74	5.54	+3.3	1.84	15	8.4	nw.	34	nw.	20	6	6	18	7.0	T	.0	0
Philadelphia [1]	114	5	57	1,012.5	1,017.3	-2.0	48.6	+2.9	75	8	56	25	24	41	25	496	38	80	5.69	+3.0	3.38	16	7.9	nw.	28	se.	22	10	6	14	5.9	.2	.0	0
Reading	323	47	306	1,005.8	1,018.3	----	45.8	+1.9	73	9	54	23	24	38	35	575	----	---	5.07	+2.3	1.76	17	12.0	nw.	40	w.	22	7	10	13	6.5	T	.0	0
Scranton	805	72	104	988.2	1,018.3	-.7	42.4	+1.9	71	8	50	20	24	34	32	682	----	---	5.97	+3.2	1.42	17	6.8	n.	25	nw.	3	6	10	14	6.6	1.6	.4	1
Atlantic City	52	37	172	------	1,018.0	-1.3	49.6	+4.0	71	3	56	25	24	43	----	465	44	84	3.28	+.5	1.18	10	17.1	w.	57	se.	22	8	10	12	----	1.1	.0	2
Trenton	190	89	107	1,010.2	1,018.0	----	47.0	+2.6	73	8	55	24	24	39	29	540	37	74	4.04	+1.3	2.31	15	10.0	s.	34	ne.	28	8	8	14	6.1	1.9	1.3	0
Baltimore [3]	123	100	215	1,013.5	1,018.3	-1.3	49.6	+3.3	77	9	57	27	24	42	28	464	38	72	3.92	+1.4	1.30	12	10.4	sw.	32	se.	22	10	9	11	5.7	T	.0	0
Washington [3]	112	56	100	1,013.9	1,018.6	-1.4	49.0	+3.8	78	2	58	26	24	40	36	485	38	72	4.62	+2.2	1.75	12	7.8	s.	25	n.	14	10	3	17	6.2	T	.0	1
Cape Henry	18	8	54	1,017.3	1,018.3	----	54.6	+2.5	82	2	62	28	24	47	28	327	46	78	3.61	+1.2	2.16	9	14.3	s.	46	n.	14	11	11	8	5.0	.0	.0	1
Lynchburg [1]	686	4	50	993.2	1,018.6	-1.7	48.0	+2.8	78	2	58	24	23	38	34	511	36	72	3.33	+1.0	1.11	10	9.0	s.	26	nw.	15	10	7	13	5.6	T	.0	0
Norfolk [3]	91	80	125	1,015.2	1,019.0	-.6	54.2	+2.8	82	2	63	27	24	46	29	338	44	80	4.02	+1.9	2.45	9	10.8	s.	33	nw.	14	10	9	11	5.5	T	.0	1
Richmond	144	11	52	1,012.9	1,018.6	-1.4	51.1	+2.8	82	2	61	26	24	41	36	423	40	75	3.12	+.9	.75	10	8.8	sw.	27	nw.	14	10	7	13	5.6	.0	.0	1
SOUTH ATLANTIC							55.7	+2.3										78	1.81	-0.6											4.3			
Asheville	2,253	77	92	939.0	1,020.0	-.7	47.9	+2.8	79	2	58	21	23	37	41	513	36	72	2.96	+.7	1.20	8	9.7	nw.	27	nw.	29	12	7	11	5.2	T	.0	1
Charlotte [3]	779	63	86	990.9	1,019.6	-.7	52.8	+2.2	80	2	63	24	24	43	34	366	41	76	1.56	-1.0	.69	6	6.9	sw.	21	sw.	19	13	6	11	5.1	.0	.0	0
Greensboro [1]	886	6	56	------	1,019.3	----	49.1	+2.4	81	1	61	21	24	37	----	480	39	80	3.20	+.7	1.02	7	8.3	sw.	28	w.	19	12	5	13	----	.0	.0	1
Hatteras	11	5	50	1,018.6	1,019.3	-.3	59.2	+2.9	79	10	66	34	24	52	22	215	51	80	2.84	-.6	.98	11	14.2	w.	43	nw.	15	11	13	6	4.5	.0	.0	3
Raleigh [1]	376	5	69	1,005.1	1,019.3	-1.0	53.5	+2.5	82	1	64	23	24	43	33	359	42	80	2.06	-.2	.80	8	7.3	nw.	21	s.	2	10	10	10	5.4	.0	.0	0
Wilmington	72	73	107	1,016.6	1,019.3	-.7	57.6	+1.6	82	1	67	28	24	48	31	260	50	82	2.43	+.5	1.17	9	9.0	nw.	21	s.	15	16	6	8	4.1	.0	.0	1
Charleston [3]	48	11	92	1,017.6	1,019.6	-.4	60.0	+1.9	81	2	68	31	24	52	24	200	48	84	1.31	-.8	.59	7	9.4	n.	29	nw.	14	18	8	4	3.2	.0	.0	0
Columbia, S. C. [3]	347	70	91	1,006.4	1,019.6	-.4	56.7	+2.6	82	1	68	25	24	46	32	270	43	73	.86	-1.1	.41	6	7.8	sw.	31	sw.	19	16	8	6	3.8	.0	.0	0
Greenville, S. C. [1]	1,040	18	36	981.7	1,019.6	----	51.7	+2.1	78	10	61	21	24	42	35	408	40	73	2.81	-.4	1.25	8	8.4	sw.	29	nw.	15	15	4	11	4.8	.0	.0	1
Augusta [3]	182	62	77	1,012.5	1,019.6	-.7	57.2	+2.7	83	1	69	27	24	45	36	255	42	66	.59	-1.8	.24	6	5.5	nw.	22	w.	19	15	7	8	4.1	.0	.0	2
Savannah [4]	65	73	152	1,017.3	1,020.3	+.3	60.0	+3.2	83	2	72	27	24	48	34	195	49	80	.57	-1.5	.40	4	9.2	w.	34	sw.	14	16	9	5	3.6	.0	.0	0
Jacksonville [3]	43	86	110	1,018.0	1,020.0	+.7	62.5	+.3	84	2	72	32	24	53	28	157	52	84	.53	-1.4	.25	7	8.1	e.	29	nw.	14	15	13	2	3.5	.0	.0	0
FLORIDA PENINSULA							69.6	-1.6										82	1.95	-0.5											4.2			
Key West [3]	21	10	64	1,015.6	1,016.6	.0	72.9	-1.4	83	22	78	54	25	68	16	8	65	82	3.83	+1.6	2.26	7	10.2	ne.	26	nw.	4	16	9	5	3.7	.0	.0	0
Miami [3]	25	242	249	------	------	----	69.8	-2.7	82	14	75	49	25	65	----	33	61	82	1.26	-2.0	.32	12	14.6	ne.	34	ne.	11	11	12	7	----	.0	.0	0
Tampa [1]	35	6	43	1,017.3	1,019.0	+.4	66.2	-.7	85	2	76	39	25	57	27	87	56	82	.75	-1.0	.36	4	9.5	ne.	36	ne.	12	16	9	5	3.9	.0	.0	0
EAST GULF							58.8	+2.8										79	2.28	-1.0											4.4			
Atlanta [1]	1,173	33	72	977.7	1,020.0	-.3	53.2	+1.7	79	1	63	24	24	43	36	360	42	72	3.24	+.1	1.15	7	10.7	nw.	38	nw.	14	12	7	11	4.9	.0	.0	0
Macon [3]	370	79	87	1,006.1	1,020.0	-.3	56.2	+2.0	81	1	68	28	24	45	37	277	44	72	2.79	+.3	1.64	6	6.7	nw.	29	nw.	14	15	4	11	4.5	.0	.0	2
Apalachicola	35	11	51	1,018.3	1,019.6	----	62.0	+.7	80	14	70	34	24	54	26	147	52	78	.94	-2.1	.43	4	7.9	nw.	26	nw.	14	22	6	2	2.7	.0	.0	1
Pensacola	56	54	79	1,018.0	1,020.3	+.7	62.0	+1.8	81	2	71	30	24	54	27	156	52	82	.88	-2.8	.69	4	7.4	se.	24	n.	21	14	13	3	3.9	.0	.0	1
Anniston	741	9	------	------	------	----	56.0	+3.8	83	11	67	21	24	45	38	302	----	---	3.48	+.2	1.10	11	----	se.	--	------	--	13	9	8	----	.0	.0	0
Birmingham [1]	700	5	62	994.2	1,020.3	+.3	54.5	+3.1	80	11	66	21	24	43	35	340	46	79	3.85	----	.94	8	8.6	se.	33	s.	21	9	13	8	5.3	.0	.0	2
Mobile [3]	57	86	161	1,018.0	1,020.3	+.7	61.8	+3.2	82	13	71	31	24	53	30	163	52	84	2.10	-1.5	1.13	6	6.5	se.	25	nw.	14	11	10	9	4.7	.0	.0	2
Montgomery [3]	218	92	105	1,012.2	1,020.3	+.3	58.4	+2.6	82	2	69	28	24	48	31	241	48	80	3.18	.0	2.39	5	7.4	se.	21	n.	3	16	6	8	4.1	.0	.0	1
Meridian [3]	375	67	92	1,006.1	1,020.0	.0	58.8	+4.6	82	2	70	25	24	48	33	239	48	82	1.88	-1.4	.65	8	6.4	s.	18	n.	14	12	17	1	4.0	.0	.0	3
Vicksburg [3]	247	82	102	1,010.2	1,019.3	+.7	59.4	+2.8	82	2	69	32	24	50	30	221	47	84	1.64	-2.1	.52	8	9.6	s.	22	n.	14	12	8	10	4.8	.0	.0	3
New Orleans [4]	53	50	84	1,017.6	1,019.6	+.3	64.9	+4.3	84	1	73	41	24	56	30	102	54	76	2.68	-.5	1.45	6	5.5	se.	21	ne.	14	8	12	10	5.4	.0	.0	4
WEST GULF							63.2	+4.7										74	1.96	-1.0											5.1			
Shreveport [1]	249	5	64	1,009.5	1,018.3	-1.3	59.8	+4.8	85	2	71	28	24	49	37	231	49	76	2.83	-.8	1.53	8	10.6	s.	33	s.	26	12	6	12	5.1	.0	.0	4
Fort Smith	463	57	82	1,000.0	1,016.6	-3.0	53.4	+2.4	82	1	66	23	24	41	37	375	42	73	1.35	-1.5	.59		49.1	ne.	29	sw.	8	11	9	10	4.8	.0	.0	5
Little Rock [1]	357	26	58	1,005.1	1,018.3	-1.7	53.8	+1.7	81	1	64	27	24	44	32	358	44	74	4.53	+.3	1.45	11	10.1	sw.	30	nw.	21	13	5	12	5.6	.0	.0	9
Austin [1]	605	10	41	995.6	1,017.6	----	63.2	+4.7	86	1	75	32	22	52	40	133	51	72	1.47	-.8	1.32		49.4	s.	29	n.	21	10	7	13	5.5	.0	.0	1
Brownsville [1]	57	5	54	1,013.9	1,015.9	----	73.2	+6.0	90	3	82	51	15	64	27	8	63	80	2.76	+.5	2.54	2	10.6	s.	28	s.	8	12	11	7	5.3	.0	.0	1
Corpus Christi [1]	20	4	33	1,016.3	1,016.9	-1.4	70.4	+7.6	89	13	80	41	23	61	27	36	60	78	.43	----	.43	1	12.1	se.	33	se.	8	7	19	4	5.0	.0	.0	1
Dallas [1]	512	5	45	998.6	1,017.3	----	60.0	+3.6	87	1	73	27	23	47	38	206	45	66	2.46	-.1	2.44	3	11.5	s.	34	s.	16	12	7	11	4.9	.0	.0	1
Fort Worth [1]	679	40	56	993.2	1,017.6	-1.7	59.8	+5.3	88	1	72	31	22	48	34	204	46	66	1.13	-1.4	1.11	3	12.3	s.	36	nw.	21	12	10	8	4.9	.0	.0	1
Galveston [3]	54	106	114	1,016.3	1,018.3	-.7	68.5	+5.2	80	1	73	46	22	64	24	43	60	82	2.51	-.8	.89	10	11.1	s.	28	nw.	21	12	12	6	4.6	.0	.0	2
Houston [3]	138	157	190	1,012.9	1,018.0	----	67.2	+6.2	89	2	76	37	22	58	29	75	56	79	.55	-3.3	.46	6	10.7	s.	30	nw.	21	8	13	9	5.1	.0	.0	3
Palestine	510	64	72	999.7	1,018.0	-1.6	62.6	+5.4	85	2	72	33	22	53	31	149	48	64	1.12	-2.3	.91		78.6	s.	22	s.	8	11	9	10	5.0	.0	.0	2
Port Arthur [3]	34	59	134	1,017.3	1,018.3	----	66.4	+5.3	83	9	74	37	22	59	30	81	56	84	1.43	-1.7	.63	6	13.2	s.	34	n.	10	11	14	5	4.7	.0	.0	5
San Antonio [1]	693	8	51	992.6	1,017.3	-1.3	63.8	+3.5	88	1	76	30	22	51	38	121	51	70	1.35	-.6	7.34		28.3	s.	30	ne.	21	8	10	12	5.9	.0	.0	0

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR NOVEMBER 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							46.4	+2.3										78	5.27	+2.1											6.7			
Chattanooga [1]	762	6	66	991.5	1,019.6	−1.1	51.2	+3.3	78	1	62	21	24	40	40	413	44	80	5.40	+2.0	2.06	11	9.1	s.	35	nw.	21	9	10	11	5.4	T	.0	4
Knoxville [1]	995	27	53	983.4	1,020.0	+1.0	50.6	+4.1	79	11	61	23	24	40	35	433	40	76	4.02	+1.0	1.61	9	8.4	sw.	35	w.	27	12	5	13	5.5	T	.0	2
Memphis [4]	399	5	86	1,003.7	1,018.6	−1.4	53.0	+2.9	79	8	63	25	23	43	31	386	43	76	10.26	+6.0	4.07	13	9.6	s.	28	n.	13	12	7	11	5.1	.0	.0	8
Nashville [1]	546	5	72	998.6	1,018.6	−1.4	50.1	+1.1	79	1	59	21	24	41	36	456	40	74	9.04	+5.5	3.61	12	11.0	s.	31	nw.	21	10	7	13	5.8	T	.0	4
Lexington	989	4	28	981.7	1,019.3	−.7	46.4	+1.6	80	1	55	22	23	38	30	563	38	78	5.15	+1.8	1.26	13	----	s.	--	------	--	10	2	18	6.5	T	.0	2
Louisville [1]	525	106	120	998.6	1,018.0	−2.0	47.0	+2.0	79	1	56	22	23	39	33	547	38	78	5.23	+1.6	1.37	12	10.3	s.	30	w.	21	8	5	17	6.7	.5	.0	4
Evansville [1]	431	11	40	1,001.7	1,017.6	−2.4	46.2	+1.8	78	1	55	22	24	37	30	569	38	78	4.32	+.6	1.20	12	10.9	s.	34	s.	1	7	6	17	6.6	T	.0	3
Indianapolis [1]	823	5	54	986.5	1,017.3	−2.0	42.2	+1.5	74	1	51	17	24	34	28	684	35	79	3.19	------	.79	12	12.1	s.	35	sw.	8	6	4	20	7.3	1.0	.0	3
Terre Haute [2]	575	68	149	995.9	1,017.6	------	43.6	−.2	74	1	52	21	24	36	30	638	36	80	5.18	+1.9	1.21	14	11.6	s.	31	sw.	1	7	2	21	7.1	1.0	.0	6
Cincinnati [2]	627	11	51	994.6	1,018.3	−1.7	45.9	+3.4	76	12	54	22	23	38	30	578	37	76	4.14	+1.3	.95	12	9.1	s.	22	sw.	21	7	5	18	6.9	1.7	.0	3
Columbus [2]	822	90	110	987.5	1,018.0	−1.6	44.2	+2.3	74	8	51	21	23	37	29	623	36	81	3.01	+.2	.64	14	11.6	s.	43	s.	21	5	7	18	7.7	.4	.0	2
Dayton [1]	1,003	6	55	980.4	1,017.6	------	42.6	+2.2	73	8	51	18	23	34	30	676	35	80	3.09	+.2	.60	11	14.0	s.	36	w.	21	5	4	21	7.8	T	.0	2
Elkins [1]	1,947	4	45	948.2	1,019.3	−.7	42.5	+3.2	78	7	54	17	26	31	42	673	36	84	6.21	+3.4	1.20	17	7.6	nw.	39	w.	22	4	7	19	7.2	10.0	4.1	3
Parkersburg	637	77	84	994.2	1,018.0	−2.0	46.6	+2.8	77	1	55	24	23	38	38	554	36	74	4.89	+2.3	.97	17	7.9	se.	28	nw.	17	5	7	18	7.3	.5	.0	3
Pittsburgh [1]	842	39	54	986.5	1,018.0	−1.3	43.4	+2.2	74	7	51	18	23	36	27	647	34	74	3.79	+1.5	.79	17	10.9	s.	34	w.	22	2	6	22	7.8	.6	T	0
LOWER LAKES							41.3	+2.6										78	3.05	+0.2											8.0			
Buffalo [1]	768	34	96	987.8	1,016.6	−1.0	40.9	+2.4	70	7	48	19	24	34	30	727	33	76	3.95	+.9	1.25	17	14.2	sw.	38	sw.	22	2	5	23	8.5	25.2	8.0	1
Canton	448	10	61	999.7	1,016.6	------	36.1	+1.1	72	8	44	8	26	28	32	868	30	84	3.81	+.6	.92	17	9.1	sw.	30	e.	30	5	5	20	7.8	9.1	5.8	1
Oswego	335	71	85	1,003.7	1,016.6	−1.0	41.0	+1.6	73	8	47	23	30	35	25	721	32	70	5.41	+2.0	1.70	17	11.5	se.	30	n.	15	2	4	24	8.2	10.0	6.8	1
Rochester [1]	523	5	69	997.0	1,016.9	−.7	40.6	+3.9	73	8	48	20	24	33	38	735	33	79	5.10	+2.6	3.13	15	10.5	sw.	37	w.	16	1	6	23	8.4	10.9	10.7	1
Syracuse [1]	596	5	57	994.6	1,017.3	−.7	40.5	+3.3	74	7	48	20	30	33	37	733	34	80	4.83	+1.8	1.25	18	10.5	sw.	32	se.	22	2	4	24	8.2	7.8	5.3	0
Erie [2]	714	57	81	------	1,016.9	−1.1	44.0	+2.6	75	8	50	22	23	38	----	630	35	77	2.97	−.3	.53	17	9.8	sw.	27	se.	21	1	7	22	----	4.1	T	2
Cleveland [1]	762	27	54	988.5	1,016.9	−1.4	43.2	+4.2	72	8	50	19	23	36	35	655	34	76	1.86	−.8	.57	12	12.7	s.	37	w.	21	2	9	19	7.8	1.3	.0	2
Sandusky	629	5	67	992.9	1,016.6	−2.0	43.7	+2.6	73	8	51	19	23	37	32	641	----	----	1.61	−.8	.36	11	11.0	sw.	30	w.	22	5	5	20	7.4	.6	.0	1
Toledo [1]	628	5	47	992.9	1,016.3	−2.0	41.6	+2.9	73	8	50	18	23	33	34	708	34	80	1.24	−1.2	.46	9	12.9	sw.	34	sw.	22	2	7	21	7.9	.2	.0	3
Fort Wayne [1]	857	5	33	984.1	1,016.3	------	40.4	+1.6	71	8	49	17	23	32	34	741	34	83	1.55	−1.3	.47	11	10.8	sw.	34	nw.	23	4	3	23	7.5	.7	.0	1
Detroit [1]	730	5	78	988.8	1,016.6	−1.4	41.8	+2.6	69	8	49	19	23	35	32	699	34	76	1.27	−1.2	.43	11	11.6	sw.	29	sw.	22	2	4	24	8.2	.1	.0	1
UPPER LAKES							35.6	+1.1										80	3.05	+0.7											8.1			
Alpena	609	5	89	991.5	1,014.2	−2.1	37.4	+3.0	65	8	44	18	23	31	29	826	31	79	2.08	−.5	.63	16	12.7	sw.	42	se.	1	1	8	21	8.2	3.2	.0	1
Escanaba	612	51	72	990.5	1,013.9	−3.0	34.0	+.9	54	8	40	11	10	28	24	928	28	78	5.63	+3.5	2.00	11	11.0	nw.	33	s.	12	3	6	21	8.0	8.9	3.0	2
Grand Rapids [2]	707	70	244	988.2	1,014.9	−2.7	40.4	+2.0	69	8	47	19	23	34	32	741	32	80	2.65	−.1	.48	13	13.5	s.	53	sw.	12	2	6	22	8.0	9.2	.0	1
Lansing [2]	878	5	90	982.7	1,015.6	------	39.3	+1.8	68	8	46	18	22	32	34	772	31	76	1.11	−1.4	.28	14	10.3	sw.	27	sw.	8	2	4	24	8.3	.6	.0	1
Marquette	734	44	73	985.4	1,012.9	−3.7	33.5	+.2	60	8	39	12	10	28	26	947	27	79	5.04	+2.1	1.48	14	9.2	w.	28	sw.	10	1	4	25	8.6	14.2	3.5	4
Sault Sainte Marie [1]	614	11	52	990.2	1,013.9	−2.4	32.6	+2.2	58	13	38	10	26	27	27	976	27	83	3.12	+.1	.94	16	12.8	se.	39	sw.	13	2	4	24	8.4	15.4	4.1	1
Chicago [1]	673	5	36	990.2	1,015.6	−2.7	39.8	+2.1	74	7	48	15	22	32	34	760	32	77	2.88	+.4	.82	10	12.3	s.	37	s.	16	3	9	18	7.6	.7	.0	3
Green Bay	617	5	32	990.9	1,014.2	−3.1	34.5	+.5	65	8	41	18	10	28	33	916	28	77	3.91	+1.8	1.62	9	8.9	s.	28	s.	12	5	6	19	7.7	7.0	1.8	3
Milwaukee [1]	681	33	66	989.5	1,014.6	−3.0	37.4	+1.5	70	7	45	15	22	30	33	832	32	82	2.34	+.6	.79	12	15.2	w.	60	s.	12	4	8	18	7.5	1.5	.0	4
Duluth [2]	1,133	5	47	970.9	1,013.5	−3.8	27.2	−2.8	44	5	33	3	10	21	30	1,137	24	92	1.78	+.3	.93	15	13.0	w.	47	nw.	22	2	4	24	8.5	5.8	.9	0
NORTH DAKOTA							22.6	−3.8										84	0.56	−0.1											8.0			
Fargo [1]	940	5	43	978.7	1,014.2	−4.1	26.0	−1.1	55	4	33	2	9	19	42	1,171	22	84	.26	−.6	.16	4	14.4	s.	38	nw.	22	1	8	21	8.3	1.9	.0	0
Bismarck [1]	1,677	5	43	952.3	1,014.6	−3.7	23.9	−2.6	69	4	33	−11	9	15	44	1,229	18	82	.27	−.3	.26	2	10.5	nw.	36	nw.	2	4	7	19	7.6	4.6	.4	0
Devils Lake	1,478	11	44	959.0	1,014.9	−3.1	19.4	−5.1	55	4	26	−10	10	12	38	1,370	16	85	.53	−.2	.48	4	9.5	nw.	28	nw.	2	2	5	23	8.4	10.9	2.8	0
Grand Forks [1]	832	4	41	982.7	1,014.6	------	23.6	------	56	4	30	−2	10	17	39	1,241	20	85	.08	------	.05	3	----	nw.	--	------	--	2	2	26	----	1.1	.0	0
Williston	1,878	42	50	944.5	1,013.5	−4.5	21.0	−6.2	61	4	29	−12	9	13	31	1,321	18	84	1.18	+.6	.71	7	6.2	n.	26	w.	1	5	4	21	7.8	9.0	2.6	0
UPPER MISSISSIPPI							38.9	+0.8										79	2.37	+0.3											6.9			
Minneapolis, St. Paul [1]	919	43	74	979.0	1,013.5	−4.5	31.8	−.6	62	6	39	12	10	25	29	997	26	80	.93	−.3	.35	11	13.0	se.	34	w.	8	3	5	22	7.8	4.5	.6	2
Springfield, Minn.	1,025	4	42	976.0	1,014.6	------	30.7	------	62	5	39	8	21	23	42	1,030	25	80	.78	------	.47	6	----	nw.	--	------	--	5	7	18	----	3.1	.4	1
La Crosse [1]	714	5	29	987.1	1,013.9	−4.4	33.6	−.1	65	6	41	15	22	26	34	943	28	82	2.70	+1.1	1.03	8	10.4	nw.	31	w.	12	2	7	21	8.1	6.0	1.6	4
Madison [2]	974	70	78	978.3	1,014.6	−3.4	35.2	.0	67	7	42	12	22	28	37	889	30	81	2.69	+.9	.70	10	9.8	se.	29	sw.	8	4	4	22	7.7	10.3	2.4	4
Charles City	1,015	10	51	977.7	1,015.6	−3.0	33.8	+.8	71	5	42	10	22	26	39	942	----	----	1.68	+.2	.78	11	7.6	se.	21	s.	4	3	9	18	7.6	1.9	.7	2
Moline [1]	606	6	50	992.9	1,015.9	−2.7	38.6	+1.1	73	5	47	12	22	30	38	795	31	78	1.71	−.1	.59	9	12.1	s.	39	s.	8	7	6	17	6.7	1.0	.0	4
Des Moines [2]	860	5	99	984.1	1,015.9	−2.7	39.4	+1.0	74	5	48	13	22	30	40	770	28	76	1.21	−.2	.88	7	11.1	nw.	33	sw.	12	6	10	14	6.4	1.5	.0	1
Dubuque	699	60	79	988.8	1,015.2	−3.1	37.0	.0	71	5	45	12	22	29	38	838	30	78	3.18	+1.5	.97	9	6.6	nw.	19	s.	8	5	7	18	7.4	9.6	T	3
Burlington [1]	702	4	36	989.8	1,015.9	−3.1	38.8	+.2	72	7	48	12	22	30	38	786	32	82	2.15	+.1	.59	10	12.2	s.	38	sw.	12	8	10	12	6.2	1.8	.0	4
Cairo	357	5	99	1,004.7	1,016.6	−2.0	49.6	+2.3	75	8	57	26	24	42	28	471	----	----	5.12	+1.4	1.45	12	11.4	s.	34	nw.	8	9	7	14	5.7	T	.0	2
Peoria [1]	609	6	26	993.6	1,016.6	−2.7	39.6	+3.1	77	7	48	14	22	31	36	766	33	80	2.19	−.2	.78	8	11.9	s.	42	sw.	8	7	11	12	6.2	.5	.0	4
Springfield, Ill. [2]	636	5	191	------	1,015.9	−3.4	43.0	+.8	79	7	51	18	22	35	----	668	34	84	3.18	+.7	.95	9	13.7	s.	38	s.	12	7	9	14	----	.3	.0	7
St. Louis [2]	568	6	303	995.9	1,016.6	−2.7	46.2	+.8	80	1	54	20	22	38	----	576	----	68	1.68	−1.2	.46	7	14.1	s.	45	sw.	8	7	10	13	----	T	.0	3
MISSOURI VALLEY							41.3	+1.8										69	0.28	−1.2											5.2			
Columbia, Mo. [2]	784	6	66	987.5	1,016.3	−2.7	45.9	+1.8	82	6	56	19	22	36	41	591	32	68	.30	−1.9	.20	3	9.0	s.	27	sw.	12	12	13	5	4.9	T	.0	4
Kansas City [1]	963	39	76	980.0	1,015.6	−3.4	46.2	+2.5	81	6	57	20	22	35	39	566	32	63	.60	−1.6	.24	5	11.3	nw.	40	sw.	8	14	8	8	4.7	.5	.0	2
St. Joseph [2]	967	11	49	979.7	1,015.6	------	44.0	+2.5	80	6	55	17	22	33	42	633	32	70	.42	−1.2	.36	3	9.5	nw.	30	nw.	8	18	8	4	3.4	.5	.0	2
Springfield, Mo. [1]	1,324	5	67	968.8	1,017.3	−2.0	47.2	+2.2	80	1	58	21	23	36	40	546	38	80	.45	−2.3	.19	3	15.0	s.	43	sw.	8	13	6	11	4.9	T	.0	3
Topeka	987	65	87	979.3	1,015.6	------	46.1	+3.3	80	6	58	20	22	35	42	570	32	62	.16	−1.4	.07	3	9.5	s.	26	s.	7	11	13	6	4.6	1.8	.0	1
Lincoln [2]	1,189	11	81	971.6	1,015.2	−3.4	41.8	+2.7	83	5	54	16	22	30	45	696	26	63	.12	−1.0	.12	1	9.7	s.	32	nw.	21	12	10	8	5.2	.2	.0	1
Omaha [1]	1,105	5	68	974.3	1,015.2	−3.4	40.0	+1.7	80	5	52	13	22	28	48	755	28	68	.15	−.9	.12	3	12.2	nw.	34	nw.	21	9	11	10	5.4	.2	.0	1
Valentine	2,598	46	54	920.8	1,014.6	−4.0	36.0	+1.4	77	5	50	1	23	22	56	868	22	62	.02	−.5	.02	1	8.7	w.	26	s.	10	9	12	9	5.7	.5	.0	0
Sioux City [1]	1,138	5	40	------	1,014.9	−3.7	35.2	+1.2	78	5	47	10	22	23	----	897	25	72	.17	−.8	.08	3	11.3	nw.	33	nw.	22	6	11	13	----	.1	.0	1
Huron [1]	1,301	5	41	966.1	1,014.6	−4.0	30.4	−1.1	72	4	41	1	9	20	44	1,038	22	78	.37	−.2	.30	3	13.8	nw.	34	nw.	22	4	10	16	7.1	1.1	.0	0
NORTHERN SLOPE							33.7	+0.6										70	0.63	0.0											7.1			
Billings [1]	3,570	16	40	887.6	1,013.5	------	34.8	−.6	68	4	44	−4	9	25	32	908	26	71	.57	------	.30	8	10.3	sw.	35	nw.	3	2	7	21	8.0	6.0	.0	0
Havre	2,507	11	67	922.8	1,014.6	−2.3	26.8	−4.4	63	4	36	−8	9	17	35	1,144	20	79	.08	−.5	.06	4	7.6	sw.	40	sw.	4	3	7	20	7.7	.5	.0	0
Helena [1]	4,124	5	43	870.0	1,014.9	−4.4	31.6	−.2	69	4	42	3	9	22	33	999	22	68	.25	−.2	.11	6	7.8	w.	34	sw.	19	0	8	22	8.0	2.5	.0	0
Missoula [1]	3,263	4	32	899.4	1,015.6	------	33.9	+2.5	65	4	41	9	9	27	26	935	28	83	.92	.0	.19	15	5.7	se.	28	w.	4	1	4	25	8.3	5.0	.0	0
Kalispell	2,973	48	56	908.2	1,012.9	−5.4	32.6	+.2	60	4	39	8	9	26	20	972	27	78	.91	−.4	.27	16	4.9	w.	26	sw.	4	0	6	24	8.4	8.8	.0	0
Miles City [1]	2,371	5	78	928.2	1,014.6	−3.7	30.7	------	75	4	42	−7	22	20	35	1,022	24	82	.19	------	.06	6	----	s.	--	------	--	5	4	21	7.3	4.0	.0	0
Rapid City [1]	3,259	5	63	898.1	1,014.6	−4.0	35.6	+1.0	76	4	48	3	9	23	50	884	22	65	.03	−.5	.01	3	12.5	nw.	43	nw.	1	5	9	16	6.7	.1	.0	0
Cheyenne [1]	6,094	5	40	809.3	1,013.9	−4.4	38.0	+3.2	67	5	50	5	21	26	37	810	18	46	.46	−.1	.26	4	14.3	nw.	42	nw.	4	11	11	8	5.0	5.9	.0	0
Lander	5,352	60	68	832.0	1,016.3	−3.0	29.9	−.4	69	4	44	−4	22	16	41	1,050	18	62	1.98	+1.4	.77	4	5.1	sw.	38	sw.	19	6	17	7	5.7	23.3	4.3	0
Sheridan [1]	3,790	5	38	880.5	1,014.2	------	33.2	+.5	67	4	44	−3	9	22	54	958	24	74	.97	+.3	.35	8	7.3	nw.	42	nw.	1	3	6	21	7.7	10.5	1.0	0
North Platte [2]	2,821	11	51	913.6	1,014.9	−3.7	40.5	+3.9	82	5	54	9	23	27	48	736	25	68	.10	−.4	.08	2	7.3	w.	21	n.	20	8	12	10	5.6	.4	.0	0

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR NOVEMBER 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							47.0	+3.5										55	0.18	−1.0											4.1			
Denver [2]	5,292	106	113	834.7	1,013.2	−4.8	43.6	+3.8	76	5	56	13	21	31	44	641	18	42	.51	.0	.21	6	7.8	s.	26	ne.	7	15	10	5	4.1	5.5	.0	0
Pueblo [1]	4,690	5	36	854.7	1,015.6	−2.0	41.8	+3.5	80	4	60	2	21	24	55	696	18	49	.09	−.3	.09	1	9.1	w.	42	sw.	6	16	9	5	3.9	1.9	.0	0
Concordia	1,392	50	58	------	1,015.2	−3.4	43.6	+2.2	80	5	57	16	22	30	----	647	29	62	.23	−.8	.28	2	8.1	s.	25	sw.	15	19	6	5	----	T	.0	2
Dodge City [1]	2,509	5	58	926.2	1,014.9	−3.4	46.2	+3.6	83	6	61	13	22	31	42	564	27	55	.01	−.7	.01	1	15.9	s.	43	sw.	15	16	9	5	3.9	T	.0	0
Wichita [1]	1,358	6	64	966.1	1,015.2	−3.4	48.0	+3.2	80	6	60	21	23	36	39	514	30	56	.05	−1.3	.03	2	14.7	nw.	42	s.	15	11	15	4	4.6	T	.0	0
Oklahoma City [2]	1,214	10	47	972.6	1,016.3	−2.3	53.7	+4.9	85	6	66	26	23	42	34	355	35	56	.27	−1.6	.26	2	9.5	s.	24	s.	16	13	11	6	4.2	.0	.0	0
Tulsa [1]	674	10	60	991.5	1,015.9	-----	52.2	+3.3	87	6	65	24	23	40	40	405	38	65	.10	−2.0	.09	2	12.5	s.	38	sw.	16	12	12	6	4.5	.0	.0	2
SOUTHERN SLOPE							55.5	+4.4										52	0.14	−1.0											3.8			
Abilene [1]	1,738	4	59	954.6	1,015.9	−2.4	57.6	+5.0	91	1	71	25	23	44	43	262	38	58	.48	−.9	.48	2	13.3	s.	38	nw.	20	16	8	6	3.9	.0	.0	1
Amarillo [1]	3,676	5	42	888.9	1,015.6	−2.0	49.0	+5.2	82	5	64	18	22	34	43	477	27	47	T	−.9	T	0	14.7	sw.	43	w.	16	19	7	4	3.3	.0	.0	0
Del Rio	960	63	71	982.1	1,015.9	−1.7	63.4	+3.4	86	1	75	36	22	52	38	107	49	64	.06	−1.2	.05	2	7.7	se.	25	nw.	21	13	8	9	4.8	.0	.0	0
Roswell	3,566	75	85	893.3	1,015.2	−1.7	52.0	+3.9	85	5	69	19	22	35	53	392	24	39	.00	−.8	.00	0	7.7	s.	28	n.	20	20	5	5	3.2	.0	.0	0
SOUTHERN PLATEAU							53.2	+1.3										38	0.01	−0.7											3.2			
El Paso [1]	3,778	39	85	887.2	1,014.9	−1.0	54.9	+3.8	82	5	70	26	22	40	43	310	27	36	.00	−.5	.00	0	8.8	n.	38	sw.	5	17	7	6	3.6	.0	.0	0
Albuquerque [1]	5,314	5	45	838.5	1,016.3	-----	45.2	+1.9	73	5	60	18	21	31	40	593	18	35	T	−.5	T	0	9.3	n.	46	sw.	7	18	9	3	3.4	.0	.0	0
Flagstaff	6,907	36	51	791.1	1,019.6	+3.0	39.0	+1.8	70	4	55	10	21	23	48	823	14	41	.08	−1.2	.05	2	----	nw.	--	------	--	17	10	3	3.5	.7	.0	0
Phoenix [2]	1,107	39	87	976.0	1,015.2	.0	59.2	−.5	91	4	75	35	22	43	43	189	32	44	.00	−.7	.00	0	5.3	e.	19	w.	11	20	5	5	3.1	.0	.0	0
Tucson [1]	2,555	5	39	926.9	1,014.6	-----	58.5	+.8	89	4	75	32	9	42	45	206	27	32	.00	−.8	.00	0	----	se.	--	------	--	18	5	7	3.8	.0	.0	0
Yuma	142	9	54	1,010.5	1,014.9	−.3	62.2	−.2	92	4	77	41	25	48	37	121	33	38	.00	−.3	.00	0	5.4	n.	22	w.	11	23	7	0	2.0	.0	.0	0
MIDDLE PLATEAU							38.3	−0.1										63	0.69	0.0											6.0			
Reno [1]	4,527	20	52	862.5	1,017.6	−2.0	40.2	+.5	76	4	55	15	30	26	47	741	27	62	.17	−.5	.08	6	8.3	nw.	35	se.	6	5	10	15	6.4	.6	.0	0
Tonopah	6,090	9	20	813.4	1,015.6	-----	35.8	−1.4	67	4	41	17	8	31	27	756	32	60	.13	−.2	.07	2	----	se.	--	------	10	8	12	--	----	2.0	T	0
Winnemucca	4,339	5	56	868.3	1,018.0	−2.7	38.3	−.1	68	4	48	18	21	29	39	801	28	68	1.26	+.6	.45	14	8.6	sw.	33	sw.		5	6	22	7.2	33.6	.0	0
Modena	5,473	10	46	834.1	1,016.9	−1.7	37.7	+1.3	66	4	53	8	21	22	43	819	----	---	.06	−.5	.04	2	9.5	sw.	34	s.	6	14	10	6	4.3	1.7	.0	1
Salt Lake City [1]	4,227	32	46	867.9	1,018.3	−1.7	39.2	−.2	71	5	48	19	21	30	30	774	30	72	2.30	+1.1	.59	12	9.3	se.	40	nw.	19	4	9	17	6.8	14.3	2.3	3
Gand Junction	4,602	60	68	860.8	1,017.3	−1.3	38.6	−.7	68	5	51	17	21	26	38	791	22	52	.24	−.3	.18	4	5.3	se.	26	s.	6	10	9	11	5.3	1.4	.0	0
NORTHERN PLATEAU							38.2	−0.2										77	1.61	+0.2											7.9			
Baker [2]	3,471	36	54	894.3	1,016.6	−4.7	35.6	−.4	62	4	43	14	8	28	29	883	28	80	1.63	+.6	.38	18	6.3	se.	23	sw.	16	2	10	18	7.7	12.8	.0	0
Boise [1]	2,739	5	49	920.4	1,017.3	−4.4	39.6	−.1	67	4	47	22	22	32	27	762	32	74	1.51	+.2	.36	13	10.3	se.	37	sw.	15	4	4	22	7.8	1.8	.0	0
Pocatello [1]	4,478	5	31	862.9	1,019.0	−1.7	35.2	+1.1	64	4	44	8	22	27	32	894	26	72	.72	−.3	.24	10	11.8	sw.	31	sw.	8	3	6	21	7.8	3.0	.0	0
Spokane [1]	1,929	27	42	944.5	1,014.2	−5.1	36.8	−1.7	62	3	43	12	8	30	19	849	31	80	2.41	+.3	.56	18	7.3	sw.	27	sw.	29	1	8	21	8.2	6.2	.0	0
Walla Walla	991	57	65	979.0	1,014.9	−5.4	43.6	+.8	71	3	50	21	8	37	20	643	----	---	2.23	+.2	.61	16	6.5	s.	25	se.	14	4	4	22	8.1	.8	.0	0
Yakima	1,076	58	67	974.6	1,013.9	-----	38.0	−.9	67	3	46	20	8	30	28	811	----	---	1.17	+.3	.58	9	4.5	nw.	29	nw.	4	3	7	20	7.8	3.6	.0	0
NORTH PACIFIC COAST							45.7	−0.3										83	9.00	+2.6											8.7			
North Head	211	5	56	1,004.4	1,011.9	−5.7	46.0	−2.2	56	2	50	34	7	42	13	572	42	86	9.59	+1.1	1.25	27	18.8	s.	61	s.	26	0	6	24	8.5	T	.0	4
Seattle [2]	125	90	321	1,008.1	1,012.5	−4.8	46.2	−.6	60	22	50	32	8	42	16	561	39	80	6.77	+1.7	.98	24	12.2	se.	49	s.	48	2	5	23	8.5	.8	.0	0
Tacoma	194	172	201	1,005.4	1,012.2	−5.1	45.3	+.7	59	2	50	29	8	40	17	590	----	---	6.70	+.4	1.49	26	10.3	s.	35	s.	14	2	1	27	8.5	2.2	.0	1
Tatoosh Island	86	9	61	1,007.1	1,010.2	−4.7	44.3	−1.6	56	22	48	32	8	40	15	623	40	86	14.81	+2.9	2.46	28	18.8	e.	61	s.	17	0	5	25	8.7	.8	.0	0
Medford [1]	1,329	29	58	969.2	1,017.3	-----	44.4	+.5	65	3	52	30	21	37	27	620	39	82	5.34	+3.0	1.01	18	----	n.	--	------	--	1	4	25	8.7	T	.0	0
Portland, Oreg. [2]	154	68	106	1,008.8	1,014.2	−5.1	46.8	.0	60	2	51	34	20	43	15	545	41	84	10.47	+4.4	2.74	23	7.6	s.	21	s.	26	0	2	28	9.4	T	.0	0
Roseburg	510	45	76	997.6	1,016.3	−3.7	47.2	+1.3	69	2	53	33	7	41	20	535	42	80	9.30	+4.6	2.19	22	4.2	s.	18	s.	26	0	4	26	8.5	.0	.0	0
MIDDLE PACIFIC COAST							53.0	−0.7										79	4.28	+1.2											6.9			
Eureka	60	72	88	1,016.9	1,019.0	−.6	51.0	−.1	70	22	57	38	20	45	23	420	46	81	9.47	+4.3	2.07	23	8.2	se.	26	se.	24	2	4	24	8.3	.0	.0	1
Red Bluff [1]	353	5	26	1,005.8	1,018.0	-----	51.2	−2.6	86	3	59	32	7	43	31	418	44	74	2.82	−.2	.94	11	7.7	nw.	29	se.	16	6	6	18	7.0	0	.0	1
Sacramento	66	92	115	1,016.9	1,018.6	−.4	53.3	−.3	79	2	61	33	30	45	29	352	46	79	1.60	−.3	.56	8	6.3	se.	20	sw.	5	5	12	13	6.3	.0	.0	1
San Francisco [2]	155	112	132	1,013.9	1,019.0	.0	56.4	+.1	82	3	61	47	7	51	24	268	48	81	3.24	+.9	.77	13	6.6	w.	22	w.	15	8	11	11	5.9	.0	.0	0
SOUTH PACIFIC COAST							58.3	+0.8										64	0.60	−0.4											4.4			
Fresno [1]	327	5	34	1,007.1	1,019.3	+1.3	53.4	+1.0	85	4	66	34	9	41	36	345	43	72	1.45	+.5	.48	9	4.1	nw.	23	nw.	29	7	10	13	6.2	.0	.0	1
Los Angeles	338	223	250	1,005.4	1,016.9	+.3	61.6	+.7	92	3	72	43	30	51	30	138	40	51	.23	−1.0	.14	2	6.9	w.	28	nw.	11	18	8	4	3.2	.0	.0	0
San Diego [1]	87	20	55	1,014.2	1,016.9	+.3	60.0	+.7	90	3	70	44	24	50	34	160	46	68	.13	−.6	.10	4	5.6	n.	20	nw.	11	16	9	5	3.7	.0	.0	0
PANAMA CANAL																																		
Balboa Heights (Oct.).	118	6	92	------	[3] 1,010.8	+1.3	79.4	−.3	91	30	85	71	8	74	18	0	74	[3]87	17.36	+7.1	3.15	23	5.2	nw.	29	s.	10	0	12	19	7.4	.0	.0	8
Cristobal (Oct.)	27	47	97	------	[3] 1,010.8	+1.0	80.9	+.2	94	2	86	73	20	75	17	0	74	[3]84	18.33	+2.5	2.86	22	6.5	s.	25	nw.	20	0	12	19	8.0	.0	.0	9
Balboa Heights (Nov.).	118	6	92	------	[3] 1,009.8	.0	80.1	+.5	90	14	86	72	6	74	18	0	74	[3]87	9.49	−.6	3.91	21	5.4	nw.	19	nw.	2	1	18	11	6.9	.0	.0	2
Cristobal (Nov.)	27	47	97	------	[3] 1,010.2	.0	79.9	+.2	89	14	85	73	6	75	13	0	74	[3]85	24.29	+2.1	5.05	30	7.5	nw.	26	sw.	15	1	7	22	8.1	.0	.0	8
ALASKA																																		
Anchorage [1]	132	6	44	1,000.3	1,005.4	-----	12.4	−10.0	34	7	20	−15	15	5	27	1,573	14	74	.59	−.4	.19	10	5.4	n.	26	n.	25	7	5	18	6.7	9.5	4.6	0
Fairbanks [1]	455	5	63	996.6	1,015.2	-----	−7.6	−10.7	32	8	1	−35	29	−16	30	2,176	−10	83	.83	+.1	.33	12	3.3	nw.	17	sw.	8	12	3	15	5.5	9.8	15.0	0
Juneau [1]	80	6	30	1,002.4	1,005.4	-----	24.1	------	50	3	30	1	15	18	22	1,226	21	84	2.43	------	.63	16	7.3	n.	31	s.	3	6	0	24	7.7	10.5	.5	0
Nome	22	25	56	1,014.2	------	-----	9.0	−6.9	36	5	15	−21	30	3	22	1,679	4	79	1.79	+.8	.69	12	10.1	ne.	30	e.	6	14	4	12	5.0	9.5	6.7	0
Gambell	32	5	32	1,013.9	1,014.9	-----	18.2	−4.5	36	4	21	−5	30	15	19	1,404	16	88	1.46	+.4	----	10	19.0	n.	49	nw.	23	4	2	24	8.0	9.6	4.9	0
Ketchikan	25	69	90	1,003.1	1,003.7	-----	35.8	−4.4	52	3	40	17	7	31	15	878	30	79	9.62	−10.6	1.75	23	6.9	ne.	26	se.	23	2	5	23	8.2	11.1	.2	0
Kotzebue	20	5	31	1,015.9	1,016.6	-----	−2.6	−8.0	30	7	3	−25	29	−8	21	2,028	−4	87	.38	+.1	.09	9	13.0	e.	38	se.	4	17	4	9	4.0	5.1	8.8	0
Northway	1,718	5	32	948.2	1,014.9	-----	−9.9	------	24	8	−2	−47	15	−18	−32	2,249	−12	80	.22	------	.08	10	----	nw.	29	------	3	7	0	23	7.5	3.0	7.2	0
HAWAII																																		
Honolulu	38	86	100	------	1,014.6	-----	76.3	+1.8	84	3	81	69	8	72	----	0	----	---	1.50	−2.3	.40	14	7.7	ne.	24	e.	7	3	13	14	----	.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.