CLIMATOLOGICAL DATA FOR NOVEMBER 1946

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS

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

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

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

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

Section	Temperature								Precipitation					
	Section average	Departure from the normal	Monthly extremes						Section average	Departure from the normal	Greatest monthly		Least monthly	
			Station	Highest	Date	Station	Lowest	Date			Station	Amount	Station	Amount
	°F.	°F.		°F.			°F.		In.	In.		In.		In.
Alabama	60.8	+6.5	2 stations	88	[1] 5	Valley Head	27	14	4.97	+1.76	Greenville	9.09	Newton	1.37
Arizona	47.2	−3.4	Sabino Canyon	87	22	Fort Valley	−8	10	1.43	+.47	Bright Angel R. S.	4.45	Stephens Ranch	.00
Arkansas	53.6	+2.2	3 stations	85	1	Gilbert	17	18	9.09	+5.26	Green Forest	18.40	Lake City	2.68
California	48.2	−3.9	Greenland Ranch	94	2	Ellery Lake	−3	24	4.97	+2.50	Mount Wilson Airway Sta.	20.35	El Centro	.05
Colorado	31.2	−4.1	Eversoll Ranch	79	23	Dillon	−16	11	2.39	+1.60	Karval	7.41	San Luis Lakes	.08
Florida	71.2	+6.1	2 stations	92	1	Jasper	33	15	2.76	+.62	Naples	9.69	Cedar Key	T
Georgia	60.6	+6.0	2 stations	88	[1] 11	2 stations	26	[1] 15	2.33	−.24	La Fayette	7.16	Moultrie	.38
Idaho	33.5	−1.8	Swan Falls	66	18	2 stations	−11	[1] 3	3.38	+1.28	Roland	13.52	Ririe	.45
Illinois	45.3	+3.1	Cairo	78	1	Dixon	11	22	4.74	+2.10	Alton	12.80	Waukegan	1.95
Indiana	46.8	+4.3	Tell City	84	1	3 stations	15	23	3.74	+.68	Vincennes	6.91	Huntington	2.18
Iowa	38.1	+1.7	Centerville	68	[1] 15	Inwood	1	25	1.74	+.14	Columbus Junction	3.81	Denison	.72
Kansas	42.9	−.4	Elkhart	77	23	St. Francis	5	11	2.56	+1.29	Pittsburg	8.87	Atchison	.55
Kentucky	51.2	+4.7	Lovelaceville	88	1	Headquarters	15	23	3.45	+.05	Mayfield	8.98	Grayson	.96
Louisiana	62.8	+3.9	4 stations	89	[1] 1	2 stations	30	23	6.45	+2.52	Angola	12.45	Audubon Park (N. O.).	2.05
Maryland-Delaware.	49.8	+4.4	Great Falls, Md	80	4	Oakland, Md	15	18	1.41	−1.16	Snow Hill, Md	4.06	Cumberland, Md	.58
Michigan	39.2	+2.8	Hastings	70	2	Mio	−2	22	2.61	+.07	Hulbert	5.61	Detour	1.09
Minnesota	29.2	−.4	Roseau	69	1	Roseau	−22	29	1.37	+.21	Virginia	2.54	Angus	.24
Mississippi	60.1	+4.9	Utica	89	3	2 stations	28	23	6.93	+3.26	Woodville	11.89	Eupora	2.31
Missouri	47.0	+2.5	Poplar Bluff	81	1	Albany	13	26	6.44	+3.73	Wasola	13.89	Lexington	.43
Montana	27.9	−4.1	Fort Benton	67	5	Chester	−32	21	1.50	+.47	Heron	7.43	Busby	.08
Nebraska	36.1	−1.2	Purdum	73	23	3 stations	−4	[1] 9	1.82	+1.06	Winnebago	4.25	Scottsbluff	.17
Nevada	38.1	−1.8	Mesquite	73	[1] 26	Wells	0	21	1.77	+1.07	Kyle Canyon R. S.	6.43	Indian Springs	.49
New England	41.5	+3.4	Chestnut Hill, Mass.	79	1	Houlton, Maine	−3	30	2.02	−1.51	Lemington, Vt.	5.08	Providence, R. I.	.67
New Jersey	48.3	+4.4	Hammonton	78	2	Charlotteburg	10	20	1.45	−1.81	Clayton	2.22	Runyon	.62
New Mexico	40.0	−2.4	Pearl	85	23	Eagle Nest	−12	19	.93	+.29	Sandia Park	3.37	2 stations	.00
New York	42.6	+4.4	Avon	78	3	2 stations	7	24	2.31	−.73	Eagle Falls	6.46	Cairo	.48
North Carolina	55.2	+5.2	Greenville	89	1	Cullawhee	19	14	2.86	+.22	Rock House	5.59	Enka	1.06
North Dakota	25.3	−1.4	Bowbells	68	5	Bottineau	−22	22	.35	−.25	Fullerton	1.83	3 stations	.02
Ohio	46.1	+4.5	4 stations	83	[1] 1	Dennison	13	23	2.73	+.04	Mt. Lookout	5.18	Chesapeake	.79
Oklahoma	50.4	−.6	Tuskahoma	84	1	Kenton	13	11	5.42	+3.37	Tuskahoma	15.63	Hollis	1.31
Oregon	37.6	−2.7	Lake Creek	74	4	Chemult	0	2	4.84	+1.10	Valsetz	23.36	Nish Ranch	.61
Pennsylvania	44.7	+3.3	Uniontown	83	3	Kane	11	15	1.26	−1.61	Corry	3.57	Carlisle	.47
South Carolina	59.0	+5.2	Orangeburg	89	26	Cherokee 4	27	[1] 13	2.82	+.51	Caesars Head	6.64	Trenton	.96
South Dakota	32.2	−1.0	Midland	70	18	Pollock	−8	27	.70	+.07	Vermillion	2.50	3 stations	T
Tennessee	54.0	+5.4	2 stations	86	[1] 1	Rugby	18	23	5.02	+1.44	Waynesboro	8.22	Tri-City	1.57
Texas	57.5	+.4	Rio Grande	99	3	Muleshoe	18	26	4.34	+2.22	Goose Creek	25.30	6 stations	.00
Utah	35.3	+2.0	2 stations	72	[1] 22	Woodruff	−11	10	2.19	+1.19	Alta	6.76	Hanksville	.67
Virginia	51.4	+4.7	Columbia	86	4	3 stations	18	[1] 15	1.76	−.66	2 stations	4.17	Riverton	.46
Washington	36.0	−3.5	2 stations	71	[1] 8	Stockdill Ranch	−8	21	5.22	+.68	Wind River	21.81	Richland	.58
West Virginia	48.4	+5.1	4 stations	86	[1] 1	McNeill	10	19	1.67	−1.08	Coburn Creek	3.61	Petersburg	.40
Wisconsin	35.4	+1.9	2 stations	64	[1] 8	Danbury	−14	25	2.40	+.50	Goodrich	3.67	Kenosha	1.14
Wyoming	31.0	−.6	La Grange	78	23	Bondurant	−17	3	.74	+.01	Bechler River	3.78	Powell	.02
Alaska (October)	33.6	+3.1	4 stations	58	[1] 11	Wiseman	−21	31	4.41	+.74	Little Port Walter	23.11	Big Delta	.32
Hawaii	71.8	.0	Hana	91	14	Haleakala R. S.	36	3	7.55	−.32	Kukui	44.00	2 stations	.00
Puerto Rico	75.9	−.4	Ponce	95	4	Quineo Dam	57	[1] 2	4.17	−2.73	Rio Blanco 1,800 feet	13.30	Santa Rita	.10

[1] Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR NOVEMBER 1946

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F		°F	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
NEW ENGLAND							43.6	+4.8										75	1.78	−1.5											6.6			
Eastport	75	67	85	1,014.6	1,017.6	+1.3	39.7	+3.0	56	20	46	19	24	33	25	759	32	74	2.79	−.5	0.92	11	10.8	nw.	37	nw.	5	6	9	15	6.6	.3	0.0	0
Greenville, Maine	1,070	6	41	978.0	1,018.3	----	32.3	+1.7	52	12	40	3	30	25	30	984	27	82	3.11	.0	.96	18	5.7	nw.	25	----	5	2	7	21	----	4.5	0	0
Portland, Maine [1]	103	5	43	1,014.2	1,018.3	+2.0	40.6	+3.3	68	4	50	15	30	31	32	735	32	78	2.10	−1.4	.70	8	8.7	n.	34	nw.	5	6	10	14	6.3	T	.0	0
Concord [1]	289	4	45	1,007.8	1,019.0	+1.0	40.7	+5.3	70	4	51	13	19	30	42	727	30	75	1.27	−1.8	.42	9	7.7	nw.	33	nw.	5	7	7	16	6.6	T	.0	0
Burlington [1]	403	6	51	1,002.7	1,018.0	+ .4	39.6	+3.3	59	3	46	17	30	33	27	759	32	78	3.76	+1.1	1.25	15	11.0	s.	42	s.	24	0	10	20	8.2	.5	.0	0
Boston [1]	124	33	62	1,014.2	1,019.0	+1.4	47.8	+5.8	72	4	55	27	30	40	24	515	36	68	.98	−2.4	.53	7	11.7	nw.	32	nw.	5	9	8	13	6.3	T	.0	0
Nantucket [1]	12	4	34	1,019.0	1,019.3	+1.7	48.3	+3.9	63	7	55	28	30	41	24	502	40	80	1.06	−2.2	.46	9	13.8	nw.	34	nw.	5	7	10	13	6.3	.0	.0	0
Block Island	26	11	46	1,018.6	1,019.3	+1.3	49.8	+5.2	62	4	55	32	24	44	20	457	42	75	.86	−2.8	.31	7	17.1	nw.	45	nw.	4	9	8	13	5.8	.0	.0	0
Providence [5]	159	46	60	1,013.9	1,019.6	+1.3	48.2	+7.8	74	4	56	27	30	40	25	502	35	72	.67	−2.4	.42	4	8.9	nw.	34	sw.	26	10	8	12	5.8	.0	.0	0
Hartford [1]	159	5	44	1,013.9	1,020.0	+1.4	45.4	+5.9	74	4	55	22	19	36	35	587	36	78	1.28	−2.3	.47	8	8.2	nw.	29	nw.	5	8	7	15	7.8	.2	.0	0
New Haven [1]	107	5	39	1,016.3	1,020.3	+2.0	47.0	+7.1	67	4	55	24	16	39	30	537	36	70	1.67	−1.4	.94	7	7.8	w.	24	sw.	29	8	7	15	6.1	.0	.0	0
MIDDLE ATLANTIC							50.9	+5.8										74	1.48	−1.0											5.8			
Albany [1]	97	26	40	1,015.6	1,019.0	+ .4	42.6	+6.3	66	3	52	15	19	34	34	670	33	74	.59	−1.9	.25	6	9.8	w.	30	nw.	5	5	7	18	7.0	.1	.0	0
New York	314	415	454	1,008.8	1,020.3	+1.3	50.0	+5.8	70	4	57	30	24	43	21	449	38	67	1.37	−1.6	.74	6	16.1	nw.	44	w.	26	10	7	13	5.8	.0	.0	0
Harrisburg [1]	374	30	49	1,007.5	1,021.7	+2.1	47.2	+4.4	73	4	56	23	24	38	32	533	36	71	.68	−1.6	.26	6	7.3	nw.	29	w.	22	9	5	16	6.2	.0	.0	0
Philadelphia [2]	114	5	57	1,016.9	1,021.3	+2.0	51.6	+5.9	74	4	58	32	23	45	21	406	39	76	1.87	−.8	1.11	7	7.6	nw.	19	nw.	8	10	7	13	5.4	.0	.0	0
Reading	323	47	306	1,009.1	1,021.3	----	48.7	+4.8	73	4	57	27	16	40	29	488	----	----	1.12	−1.6	.30	6	10.2	nw.	34	w.	22	9	5	16	6.0	.0	.0	0
Scranton	805	72	104	990.9	1,020.7	+1.7	45.6	+5.1	72	3	53	25	16	38	32	583	----	----	.83	−1.9	.40	6	6.7	n.	26	sw.	22	7	10	13	6.2	T	.0	0
Atlantic City	52	37	172	1,019.0	1,021.0	+1.7	51.8	+6.2	70	8	59	30	24	45	26	400	44	79	1.37	−1.4	.48	11	15.0	w.	42	n.	18	8	7	15	6.0	.0	.0	0
Trenton	190	89	107	1,014.2	1,021.3	----	49.8	+5.4	72	4	58	29	24	42	26	459	----	----	1.61	−1.1	.99	7	8.5	nw.	23	nw.	8	10	7	13	5.7	.0	.0	0
Baltimore [2]	123	100	215	1,016.9	1,021.7	+1.7	52.4	+6.1	78	4	60	32	23	45	24	379	40	70	1.24	−1.3	.61	6	9.2	nw.	27	sw.	22	12	10	8	4.8	.0	.0	0
Washington [2]	112	56	100	1,017.6	1,021.7	+1.4	52.6	+7.4	78	4	62	30	24	44	30	378	40	70	1.05	−1.3	.73	6	7.2	n.	25	nw.	22	10	6	14	5.8	.0	.0	0
Cape Henry	18	8	54	1,020.3	1,021.0	----	57.4	+5.3	78	26	63	35	16	52	24	242	50	78	1.91	− .4	.79	8	13.3	n.	34	n.	5	11	8	11	5.8	.0	.0	0
Lynchburg [1]	686	4	50	996.6	1,021.7	+1.4	51.8	+6.6	80	4	63	28	24	41	31	400	40	72	1.75	− .6	1.27	7	7.7	s.	26	nw.	23	10	11	9	5.2	.0	.0	0
Norfolk [2]	91	80	125	1,018.3	1,021.7	+2.1	57.5	+6.1	78	4	64	38	24	51	22	238	48	81	3.55	+1.4	1.17	9	9.4	n.	23	n.	18	4	11	15	6.5	.0	.0	0
Richmond [2]	144	11	52	1,015.9	1,021.3	+1.3	54.2	+5.9	83	4	65	29	24	44	32	332	43	78	1.78	−.4	1.03	8	6.8	n.	22	sw.	26	12	9	9	5.1	.0	.0	0
SOUTH ATLANTIC							59.8	+6.3										81	2.81	+1.4											6.0			
Asheville	2,253	77	92	941.8	1,022.0	+1.3	52.6	+7.5	79	3	63	29	14	42	38	380	42	78	1.21	−1.0	.79	6	8.5	se.	25	nw.	22	8	11	11	5.9	.0	.0	0
Charlotte [2]	779	63	86	993.2	1,021.3	+1.0	56.8	+6.2	82	4	66	35	14	48	30	257	45	75	2.39	− .2	1.21	8	5.9	ne.	18	ne.	18	8	10	12	6.1	.0	.0	0
Greensboro [1]	886	6	56	989.8	1,022.0	----	53.2	+6.5	83	4	65	27	14	41	41	365	43	82	2.62	+ .2	1.52	9	7.0	ne.	26	ne.	18	7	10	13	6.0	.0	.0	0
Hatteras	11	5	50	1,020.0	1,020.3	+ .7	62.5	+6.2	78	1	68	46	23	57	24	118	56	84	4.89	+1.4	1.71	8	12.7	n.	35	n.	18	5	9	16	6.9	.0	.0	3
Raleigh [2]	376	5	69	1,007.8	1,021.7	+1.4	56.3	+5.3	84	4	67	31	24	46	33	275	46	88	2.59	+ .3	1.19	7	6.1	n.	17	sw.	26	10	8	12	5.7	.0	.0	0
Wilmington	72	73	107	1,018.0	1,020.3	+ .3	61.4	+5.4	80	4	70	38	14	53	27	150	53	80	2.76	+ .8	1.10	8	8.4	ne.	24	s.	26	12	10	8	5.0	.0	.0	1
Charleston [2]	48	11	92	1,018.3	1,020.0	.0	63.6	+5.5	80	11	70	43	24	57	25	102	54	86	4.34	+2.2	1.74	9	10.4	n.	25	n.	19	14	4	12	5.1	.0	.0	1
Columbia, S. C. [2]	347	70	91	1,008.1	1,020.7	+ .7	60.2	+6.1	82	1	69	34	14	51	33	170	49	76	1.67	− .3	.74	7	7.5	ne.	20	ne.	18	12	6	12	5.4	.0	.0	2
Greenville, S. C. [1]	1,040	18	36	983.7	1,021.3	----	56.2	+6.6	81	4	65	34	14	48	32	273	44	73	3.39	+ .2	1.84	10	8.9	ne.	27	n.	23	5	10	15	6.4	.0	.0	0
Augusta [2]	182	62	77	1,013.9	1,020.3	.0	61.1	+6.6	83	1	70	36	14	52	31	150	50	75	3.22	+ .8	1.17	7	5.0	ne.	17	w.	8	8	8	14	6.3	.0	.0	1
Savannah [1]	65	73	152	1,017.6	1,200.0	.0	64.4	+7.6	85	11	73	38	14	56	30	92	57	86	2.28	+ .2	1.20	8	9.0	ne.	25	sw.	7	6	11	13	6.4	.0	.0	0
Jacksonville [2]	43	86	110	1,017.3	1,019.0	− .3	68.9	+6.7	86	11	75	47	14	62	21	44	62	90	2.38	+ .4	1.37	10	7.9	ne.	21	ne.	28	6	10	14	6.6	.0	.0	0
FLORIDA PENINSULA							75.7	+4.5										86	2.60	+0.2											4.7			
Key West [2]	21	10	64	1,014.6	1,015.2	−1.4	78.6	+4.3	86	11	83	71	15	74	13	0	70	82	1.02	−1.2	.61	9	8.9	e.	19	e.	28	16	9	5	3.9	.0	.0	0
Miami [2]	25	242	249	1,015.2	1,016.3	−1.7	75.0	+2.5	84	4	79	61	15	71	14	0	68	87	6.35	+3.1	3.11	14	12.2	e.	37	se.	16	7	20	3	5.2	.0	.0	2
Tampa [1]	35	6	43	1,015.9	1,017.3	−1.3	73.6	+6.7	87	3	82	51	15	65	28	3	65	88	.42	−1.3	.14	7	6.8	ne.	17	w.	2	10	14	6	4.9	.0	.0	0
EAST GULF							62.4	+6.1										85	4.14	+.9											6.8			
Macon [2]	370	79	87	1,006.4	1,019.6	−.7	61.0	+6.8	82	4	71	34	15	51	33	160	51	77	2.13	−.4	.75	10	5.5	n.	17	nw.	22	8	5	17	6.7	.0	.0	1
Thomasville	274	49	58	1,009.1	1,019.3	−.7	65.2	+6.7	85	5	74	40	15	56	31	81	----	----	1.00	−1.7	.43	6	----	----	----	----	----	7	7	16	----	.0	.0	0
Apalachicola	35	11	51	1,016.9	1,018.0	----	67.8	+6.5	84	2	74	45	23	61	24	49	62	88	2.95	−.1	.96	7	8.8	ne.	30	se.	21	9	9	12	6.0	.0	.0	1
Pensacola [2]	56	54	79	1,016.6	1,018.6	−1.0	65.8	+5.6	83	5	73	40	23	58	24	77	58	86	5.75	+2.0	2.90	9	8.2	e.	27	w.	7	7	8	15	6.5	.0	.0	3
Anniston	741	9	----	----	----	----	59.1	+6.9	82	2	69	32	23	49	35	203	----	----	4.19	+1.0	1.62	7	----	nw.	----	----	----	14	4	12	----	.0	.0	1
Birmingham [1]	700	5	62	994.9	1,020.3	+ .3	58.6	+7.2	82	1	69	31	23	48	35	225	50	82	4.17	+.9	1.56	9	8.2	se.	34	e.	11	6	8	16	6.6	.0	.0	2
Mobile [2]	57	86	161	1,016.6	1,018.6	−1.0	64.6	+6.0	86	5	73	40	23	56	28	100	56	87	3.32	−.3	1.25	10	8.4	n.	21	n.	13	6	6	18	7.1	.0	.0	4
Montgomery [2]	218	92	105	1,011.9	1,019.6	−.4	61.9	+6.1	85	1	71	39	13	53	30	142	52	84	3.76	+.5	1.20	12	7.1	n.	18	sw.	11	8	7	15	6.4	.0	.0	1
Meridian [2]	375	67	92	1,005.8	1,019.3	−.7	59.8	+5.6	84	3	70	33	23	50	34	202	52	86	5.27	+2.0	2.41	10	6.0	n.	19	s.	7	7	8	15	6.9	.0	.0	3
Vicksburg [2]	247	82	102	1,009.8	1,018.6	−1.4	60.5	+3.9	85	3	69	36	18	52	27	187	52	90	9.05	+5.3	3.92	8	8.8	n.	21	se.	10	1	12	17	7.7	.0	.0	4
New Orleans [4]	53	50	84	1,015.9	1,017.6	−1.7	65.2	----	85	1	73	41	24	57	34	94	58	84	4.00	+.9	1.50	8	7.4	ne.	17	se.	10	5	9	16	7.0	.0	.0	2
WEST GULF							60.3	+1.8										80	7.44	+4.4											6.7			
Shreveport [1]	249	5	64	1,009.5	1,018.3	−1.3	58.6	+3.6	82	9	68	38	18	49	31	230	51	82	6.37	+2.7	2.09	12	8.7	n.	29	w.	9	5	5	20	7.2	.0	.0	5
Fort Smith [1]	463	57	82	----	1,018.3	−1.3	52.6	+1.6	78	1	63	30	18	42	34	380	44	79	14.01	+11.1	4.19	9	7.4	ne.	29	sw.	24	8	6	16	6.3	.0	.0	5
Little Rock [1]	357	26	58	1,008.4	1,019.6	−.4	54.2	+2.1	82	1	64	33	23	45	31	340	46	80	7.88	+3.7	2.04	12	7.7	n.	26	sw.	9	6	8	16	6.9	.0	.0	5
Austin [1]	605	10	41	996.3	1,018.0	----	59.1	+.6	85	9	68	39	19	50	34	213	50	78	7.91	+5.6	3.98	12	9.6	n.	27	nw.	25	5	8	17	6.6	.0	.0	7
Brownsville [1]	57	5	54	1,013.2	1,015.2	----	69.2	+2.0	90	3	78	47	27	61	27	44	61	82	.67	−1.6	.33	6	11.5	nw.	30	se.	16	4	11	15	7.0	.0	.0	0
Corpus Christi [1]	20	4	33	1,015.9	1,016.6	−1.7	65.4	+2.6	87	2	74	46	26	57	35	81	58	82	.99	----	.75	6	11.6	n.	36	s.	9	3	12	15	7.0	.0		2
Dallas [1]	512	5	45	999.7	1,018.3	----	56.3	----	83	9	67	30	27	46	36	273	46	76	9.91	+7.4	4.99	10	10.0	n.	34	nw.	3	11	6	13	5.8	.0	.0	4
Fort Worth [1]	679	40	56	993.9	1,018.3	−1.0	56.4	+1.9	84	9	66	35	17	46	31	271	44	72	6.50	+3.9	2.75	10	10.7	s.	38	w.	3	12	4	14	5.7	.0	.0	5
Galveston [2]	54	106	114	1,014.9	1,016.9	−2.1	64.5	+1.2	82	2	70	45	26	59	24	113	61	90	8.90	+5.6	4.42	12	13.2	ne.	38	se.	6	6	9	15	6.6	.0	.0	5
Houston [2]	138	157	190	1,011.9	1,016.9	----	63.0	+2.0	85	1	71	42	26	54	36	129	57	88	10.77	+6.9	4.05	13	10.4	n.	29	se.	3	5	5	20	7.5	.0	.0	6
Palestine	510	64	72	1,000.3	1,018.6	−1.0	59.0	+1.8	81	9	68	38	26	50	33	211	49	74	9.37	+5.9	2.12	12	7.5	n.	25	s.	9	8	7	15	6.4	.0	.0	6
Port Arthur [2]	34	59	134	1,015.9	1,016.9	----	64.7	+3.6	84	3	71	46	18	58	25	113	57	87	5.20	+2.1	1.41	9	13.7	n.	36	se.	6	6	10	14	6.9	.0	.0	7
San Antonio [1]	693	8	51	992.6	1,017.3	−1.3	60.4	+.1	85	9	70	39	19	51	34	180	52	77	1.86	.0	1.07	9	9.1	n.	27	n.	25	5	8	17	7.0	.0	.0	6
OHIO VALLEY AND TENNESSEE							49.8	+5.7										79	3.40	+.2											6.1			
Chattanooga [1]	762	6	66	993.2	1,021.0	+.3	55.2	+7.3	81	2	66	29	24	44	36	303	46	82	4.91	+1.6	2.29	8	6.6	s.	27	sw.	11	8	6	16	6.3	.0	.0	1
Knoxville [1]	995	27	53	985.4	1,021.3	+2.3	53.6	+7.1	79	1	65	30	23	42	37	350	44	78	3.45	+.4	1.50	8	6.4	ne.	34	w.	26	7	8	15	6.3	.0	.0	0
Memphis [4]	399	5	86	1,005.1	1,020.0	.0	55.8	+5.7	83	2	66	31	23	46	34	305	46	80	5.46	+1.2	2.32	10	7.4	n.	25	nw.	21	9	5	16	6.2	.0	.0	2
Nashville [1]	546	5	72	1,001.0	1,020.7	+.7	54.4	+5.4	82	1	65	28	23	43	36	339	43	75	5.11	+1.6	2.12	6	8.0	s.	30	nw.	26	7	8	15	6.4	.0	.0	0
Lexington [1]	989	4	28	984.8	1,022.0	+2.0	49.8	+5.0	79	2	60	22	23	39	33	469	39	77	2.03	−1.3	.91	7	----	s.	----	----	----	8	8	14	5.9	.0	.0	0
Louisville [1]	525	106	120	1,001.4	1,020.7	+.7	49.7	+4.7	82	3	61	25	23	39	38	471	40	78	4.33	+.7	2.67	8	7.5	s.	29	nw.	11	8	8	14	6.2	.0	.0	0

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR NOVEMBER 1946—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F		°F	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
OHIO VALLEY AND TENNESSEE—Con.																																		
Evansville [1]	431	11	40	1,004.7	1,020.3	+.3	48.2	+3.8	80	1	59	23	23	37	38	503	40	84	4.47	+.7	2.21	10	7.9	nw.	36	s.	24	7	6	17	6.6	T	.0	0
Indianapolis [1]	823	5	54	989.5	1,020.0	-.7	45.2	+4.5	75	1	55	20	23	35	33	592	38	79	3.27	----	1.07	12	10.6	sw.	39	sw.	24	8	5	17	6.5	.0	.0	0
Terre Haute [2]	575	68	149	999.3	1,021.0	----	47.6	+3.8	70	1	56	28	23	39	30	520	38	82	3.27	.0	.88	12	9.8	s.	31	sw.	24	7	10	13	6.0	.0	.0	0
Cincinnati [1]	627	11	51	998.0	1,021.0	+1.0	51.0	+8.5	81	3	60	29	23	42	33	432	38	78	5.06	+2.2	2.46	8	6.3	e.	24	nw.	22	10	5	15	6.2	.0	.0	1
Columbus [2]	822	90	110	990.9	1,021.3	+1.7	48.0	+6.1	76	2	57	23	23	40	28	516	38	80	2.76	.0	.99	11	9.2	s.	31	sw.	22	9	7	14	5.9	.0	.0	0
Dayton [1]	1,003	6	55	984.1	1,021.0	----	46.1	+5.7	75	3	56	20	23	37	32	570	37	80	2.73	-.1	.94	10	11.9	s.	42	nw.	22	11	4	15	6.3	.0	.0	0
Elkins [1]	1,947	4	45	951.9	1,022.4	+2.4	45.9	+6.6	80	3	61	18	19	31	48	571	36	83	1.57	-1.2	.48	8	6.4	w.	34	w.	22	10	7	13	5.6	.0	.0	0
Parkersburg	637	77	84	997.6	1,021.3	+1.4	49.8	+6.0	82	3	61	26	23	39	37	463	38	73	1.53	-1.0	.56	7	5.8	se.	20	nw.	22	10	8	12	5.5	.0	.0	0
Pittsburgh [1]	842	39	54	989.8	1,020.7	+1.4	46.8	+5.6	79	3	56	21	23	37	34	550	36	72	.99	-1.3	.40	8	9.9	s.	32	sw.	22	10	7	13	6.0	.0	.0	0
LOWER LAKES																																		
							44.2	+5.6										76	2.47	-0.4											7.2			
Buffalo [1]	768	34	96	990.5	1,019.0	+1.4	44.4	+5.9	73	3	53	26	23	36	29	614	34	74	2.79	-.2	.90	14	14.4	w.	47	w.	22	4	6	20	7.8	T	.0	0
Canton	448	10	61	1,001.0	1,017.3	----	38.5	+3.5	55	8	46	15	23	31	33	791	32	78	3.95	+.8	1.00	19	8.8	w.	35	w.	22	1	10	19	8.1	.9	.0	0
Oswego	335	71	85	1,006.1	1,018.6	+1.0	44.4	+5.0	70	3	50	28	30	38	25	619	34	68	2.57	-.8	.67	17	11.7	w.	28	sw.	22	3	6	21	7.7	2.6	.0	0
Rochester [1]	523	5	69	999.7	1,019.0	+1.4	43.7	+7.0	72	3	52	24	29	36	32	638	34	76	2.36	-.2	.96	15	10.8	sw.	36	w.	22	4	7	19	7.5	.1	.0	0
Syracuse [1]	596	5	57	997.0	1,019.3	+1.3	44.5	+7.3	74	3	53	23	19	36	34	614	34	72	2.20	-.9	.55	18	11.1	sw.	33	w.	22	4	5	21	7.5	.9	.0	0
Erie [2]	714	57	81	993.2	1,020.0	+2.0	47.6	+6.2	76	3	55	27	22	40	30	524	38	78	3.48	+.2	1.06	14	9.7	se.	26	sw.	22	6	5	19	7.4	.7	.0	0
Cleveland [1]	762	27	54	991.9	1,020.0	+1.7	46.0	+7.0	76	3	55	23	23	37	32	569	36	75	2.08	-.6	.99	9	11.8	s.	35	w.	22	4	12	14	6.9	T	.0	0
Sandusky	629	5	67	996.6	1,020.3	+1.7	46.7	+5.6	75	3	55	21	23	38	34	548	----	---	1.91	-.5	.87	10	10.0	sw.	31	w.	22	11	6	13	5.8	.0	.0	0
Toledo [1]	628	5	47	996.3	1,020.0	+1.7	43.5	+4.8	72	3	53	19	23	34	33	647	36	80	1.81	-.6	.70	12	10.8	sw.	34	sw.	24	8	6	16	6.6	T	.0	0
Fort Wayne [1]	857	5	33	987.8	1,019.6	----	43.0	+4.2	68	3	52	18	23	34	34	664	36	82	2.63	-.2	.83	13	9.3	sw.	38	w.	21	8	6	16	6.6	.0	.0	0
Detroit [1]	730	5	78	992.6	1,019.6	+1.6	43.9	+4.7	69	3	51	23	23	37	29	632	36	79	1.36	-1.1	.40	10	10.3	sw.	36	w.	22	5	8	17	7.5	.3	.0	0
UPPER LAKES																																		
							37.6	+3.1										80	2.49	+.1											7.2			
Alpena	609	5	89	994.6	1,017.6	+1.3	38.8	+4.4	60	6	46	19	22	32	24	788	32	79	1.61	-1.0	.40	12	11.8	nw.	34	sw.	22	1	8	21	8.0	3.6	.9	0
Escanaba	612	51	72	994.2	1,017.6	+.7	36.1	+3.0	58	5	44	9	23	28	32	867	30	78	2.10	.0	1.08	10	11.5	nw.	34	s.	18	5	10	15	7.1	1.7	.6	0
Grand Rapids [2]	707	70	244	992.2	1,018.6	+1.0	43.0	+4.6	62	2	50	23	23	36	28	654	34	80	3.20	+.4	1.12	13	11.6	sw.	42	sw.	22	7	7	16	6.8	.4	.0	0
Lansing [2]	878	5	90	986.5	1,019.0	----	41.6	+4.1	63	2	49	22	23	34	30	701	33	77	1.88	-.6	.75	13	9.2	sw.	26	w.	22	6	5	19	7.3	.4	.0	0
Marquette	734	44	73	988.5	1,016.3	-.3	34.9	+1.6	62	6	42	14	26	28	31	904	28	74	2.50	-.4	.51	15	9.9	w.	42	sw.	18	2	4	24	8.4	9.1	4.7	0
Sault Sainte Marie [1]	614	11	52	993.2	1,016.6	+.3	33.8	+3.4	56	6	40	11	29	27	26	937	29	85	4.24	+1.2	.78	18	12.7	w.	47	nw.	22	3	3	24	8.3	23.7	8.0	0
Chicago [1]	673	5	36	994.2	1,019.3	+1.0	42.4	+4.7	64	15	51	19	22	34	32	678	34	78	3.17	+.7	1.79	10	10.5	s.	31	w.	21	7	5	18	6.8	T	.0	0
Green Bay	617	5	32	994.9	1,018.3	+1.0	36.6	+2.6	58	6	45	11	23	28	33	851	28	76	2.60	+.4	.77	10	9.7	s.	35	sw.	21	6	5	19	7.0	.9	.7	0
Milwaukee [1]	681	33	66	993.2	1,018.3	+.7	39.0	+3.1	58	15	47	14	28	31	30	781	33	81	2.08	+.3	.90	11	13.6	w.	49	w.	21	9	2	19	6.6	.1	.0	0
Duluth [2]	1,133	5	47	974.9	1,018.0	+.7	29.6	-.4	59	5	38	-3	25	21	34	1,060	22	87	1.54	+.1	.60	8	13.4	w.	37	w.	21	13	3	14	5.4	4.6	3.1	0
NORTH DAKOTA																																		
							26.2	-.1										79	.49	-.2											5.9			
Fargo [1]	940	6	47	983.1	1,018.6	+.3	27.4	+.3	63	1	38	-5	25	17	36	1,129	22	85	1.04	+.1	.60	6	12.8	s.	37	nw.	21	12	7	11	5.5	4.9	3.2	0
Bismarck [1]	1,677	5	43	957.0	1,019.3	+1.0	27.8	+1.3	59	5	39	-5	22	16	35	1,117	20	77	.17	-.4	.11	3	9.9	nw.	38	nw.	28	9	8	13	5.9	2.3	.9	0
Devils Lake	1,478	11	44	963.4	1,019.3	+1.3	23.8	-.7	60	5	34	-9	22	13	34	1,238	16	76	.20	-.5	.07	7	9.1	nw.	24	n.	7	10	8	12	5.6	3.5	2.9	0
Grand Forks [1]	832	4	41	987.1	1,019.3	----	24.5	----	60	5	36	-10	24	13	33	1,216	18	83	.57	----	.19	9	----	nw.	--	----	--	10	10	10	----	7.9	.0	0
Williston	1,878	42	50	949.5	1,019.0	+1.0	25.8	-1.4	61	5	36	-11	22	16	32	1,175	18	76	.45	-.1	.30	5	6.7	sw.	25	se.	17	7	8	15	6.6	4.2	4.1	0
UPPER MISSISSIPPI																																		
							41.2	+3.1										79	3.14	+1.1											6.4			
Minneapolis-St. Paul [1]	919	43	74	983.4	1,018.0	.0	33.0	+.6	60	15	42	2	25	25	37	962	26	78	1.22	.0	.47	10	11.1	se.	40	w.	21	9	5	16	6.1	4.1	.2	1
La Crosse [1]	714	5	29	991.5	1,018.3	.0	35.6	+1.9	56	15	44	11	22	27	33	881	29	82	1.89	+.3	.51	11	9.4	s.	35	w.	21	7	5	18	6.8	3.0	.0	0
Madison [2]	974	70	78	982.4	1,019.0	+1.0	38.0	+2.8	59	15	46	13	22	30	31	809	31	81	1.63	-.2	.54	13	9.5	nw.	26	w.	21	7	4	19	7.1	.6	.0	0
Charles City	1,015	10	51	981.7	1,019.6	+1.0	36.0	+3.0	57	20	45	11	22	27	37	874	----	---	1.44	-.1	.38	8	7.1	nw.	23	s.	18	12	3	15	6.0	.6	.0	0
Moline [1]	606	6	50	998.0	1,020.7	+2.1	40.8	+3.3	62	15	50	17	22	31	36	730	33	77	2.49	+.7	1.06	8	10.3	s.	34	w.	21	9	4	17	6.3	.0	.0	0
Des Moines [2]	860	5	99	987.5	1,019.3	+.7	40.2	+1.8	65	15	50	17	22	31	34	741	30	76	.85	-.6	.40	8	10.3	n.	31	nw.	21	9	5	16	6.4	T	.0	1
Dubuque	699	60	79	992.9	1,018.6	+.3	39.7	+2.7	60	15	48	15	22	31	33	760	33	82	1.61	-.1	.49	12	6.1	nw.	18	nw.	21	8	5	17	6.4	T	.0	0
Burlington [1]	702	4	36	993.2	1,019.3	+.3	41.2	+2.6	64	15	51	18	17	31	34	713	34	82	2.32	+.2	.91	9	10.9	s.	40	nw.	21	9	3	18	6.2	.0	.0	0
Cairo	357	5	99	1,007.1	1,020.3	+.3	52.3	+5.0	78	1	61	32	18	43	27	394	----	---	6.01	+2.3	2.22	13	8.9	s.	29	s.	16	10	3	17	6.2	.0	.0	1
Peoria [1]	609	6	26	997.3	1,020.0	+1.0	42.8	+6.3	62	3	52	20	22	34	33	665	35	78	5.29	+2.9	2.45	10	10.5	s.	34	w.	21	9	4	17	6.4	.0	.0	0
Springfield, Ill. [2]	636	5	191	996.3	1,020.0	+.7	46.2	+4.0	65	3	54	25	17	38	29	568	36	80	5.33	+2.8	1.80	10	12.4	s.	30	s.	24	9	4	17	6.4	.0	.0	0
St. Louis [2]	568	35	303	999.0	1,020.3	+1.0	49.0	+3.6	70	30	57	28	17	41	29	476	38	77	7.63	+4.8	1.97	13	11.8	s.	40	sw.	24	11	5	14	6.0	T	.0	1
MISSOURI VALLEY																																		
							40.9	+1.4										77	2.53	+1.1											5.9			
Columbia, Mo. [2]	784	6	66	990.5	1,019.3	+0.3	46.8	+2.7	67	20	56	23	17	37	33	551	35	72	5.09	+2.9	1.54	9	7.9	s.	23	n.	16	10	4	16	6.1	T	.0	1
Kansas City [1]	963	39	76	983.4	1,019.3	+.3	46.4	+2.7	69	20	56	23	26	37	37	555	36	71	.58	-1.6	.37	7	11.5	s.	37	nw.	21	12	5	13	5.7	.0	.0	1
St. Joseph [2]	967	11	49	983.4	1,019.0	----	44.5	+3.0	68	20	54	20	26	35	36	619	34	74	.89	-.7	.56	6	9.6	s.	33	nw.	21	13	3	14	5.3	T	.0	0
Springfield, Mo. [1]	1,324	5	67	971.2	1,019.6	+.3	46.6	+1.6	65	20	56	24	17	37	32	550	38	80	8.14	+5.4	2.58	11	12.3	s.	36	sw.	24	7	8	15	6.2	.0	.0	2
Topeka [2]	987	65	87	982.4	1,018.6	----	45.2	+2.4	68	20	55	21	26	36	39	596	34	74	1.10	-.4	.60	6	9.8	s.	32	nw.	21	10	7	13	6.0	T	.0	1
Lincoln [2]	1,189	11	81	974.9	1,019.0	+.4	40.8	+1.7	63	20	50	19	25	32	34	727	32	81	2.58	+1.5	1.22	7	9.5	s.	34	nw.	21	6	10	14	6.3	.5	.0	1
Omaha [1]	1,105	5	68	978.0	1,018.6	.0	39.8	+1.5	62	20	50	17	25	30	35	755	32	76	1.87	+.8	.74	6	11.4	s.	41	nw.	21	7	8	15	6.1	1.8	.0	1
Valentine	2,598	46	54	924.8	1,019.3	+.7	33.8	-.8	66	23	45	0	11	23	39	935	24	75	1.36	+.8	.90	4	8.3	w.	28	sw.	18	9	9	12	5.7	6.0	.0	0
Sioux City [1]	1,138	5	40	976.6	1,019.3	+.7	34.1	+.1	56	1	45	6	12	23	36	925	28	83	2.76	+1.8	1.24	6	9.1	n.	39	nw.	21	7	11	12	6.1	11.4	.0	0
Huron [1]	1,301	5	41	970.9	1,019.6	+1.0	30.8	-.7	62	1	41	1	25	21	37	1,025	25	85	.92	+.3	.41	7	11.8	se.	36	nw.	21	9	10	11	5.8	4.7	T	0
NORTHERN SLOPE																																		
							30.5	-2.7										76	.95	+.3											6.6			
Billings [1]	3,570	16	40	891.3	1,018.3	----	31.9	-3.5	58	6	42	-7	21	22	40	994	23	73	.65	----	.33	7	10.8	sw.	34	n.	15	8	7	15	6.6	5.4	.0	0
Havre	2,507	11	67	927.9	1,020.7	+3.8	23.2	-8.0	61	5	32	-18	21	14	37	1,255	16	78	.66	.0	.33	7	8.0	sw.	26	w.	1	7	6	17	7.0	9.8	5.1	0
Helena [1]	4,124	5	43	874.0	1,021.3	+2.0	27.4	-4.4	54	18	38	-18	21	17	50	1,127	20	76	.89	+.4	.53	9	7.2	w.	29	sw.	17	5	5	20	7.2	14.5	.3	0
Missoula [1]	3,263	4	32	903.2	1,020.3	----	30.8	-.6	53	18	38	5	21	23	36	1,030	26	84	.82	-.1	.31	15	5.5	nw.	39	n.	19	3	5	22	7.7	9.2	.2	0
Kalispell	2,973	48	56	913.0	1,019.6	+1.3	27.5	-4.9	45	26	35	1	20	20	32	1,127	24	84	1.69	+.6	.63	12	5.4	w.	25	nw.	18	6	5	19	7.0	25.9	5.0	1
Miles City [1]	2,371	5	78	932.6	1,020.3	+2.0	29.6	----	58	6	40	-8	21	20	31	1,063	22	78	.41	----	.17	7	----	s.	--	----	--	8	7	15	6.5	2.7	.0	0
Rapid City [1]	3,259	5	63	901.8	1,018.6	.0	33.7	-.9	68	18	46	3	21	21	43	938	24	74	.29	-.2	.26	3	12.5	nw.	45	nw.	23	8	8	14	6.1	3.1	.0	0
Cheyenne [1]	6,094	5	40	812.1	1,019.3	+1.0	32.6	-2.2	60	28	43	2	11	22	33	965	21	65	1.34	+.8	.50	7	11.4	w.	38	w.	25	5	8	17	6.9	14.5	.0	0
Lander [1]	5,352	60	68	835.1	1,020.0	+.7	30.0	-.3	58	27	41	-1	13	19	32	1,053	18	68	.73	+.1	.50	3	6.3	se.	43	s.	20	6	16	8	5.9	8.7	.0	0
Sheridan [1]	3,790	5	38	884.2	1,019.0	----	31.4	-1.3	56	13	44	-2	21	19	42	1,006	22	74	.61	.0	.41	5	6.8	nw.	45	nw.	23	7	10	13	6.2	8.6	.0	0
North Platte [2]	2,821	11	51	917.4	1,019.0	+.4	36.1	-.5	63	1	47	7	11	25	33	867	26	80	1.28	+.8	.63	6	6.8	w.	27	ne.	2	7	10	13	6.0	7.9	.0	0

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR NOVEMBER 1946—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station	Pressure: Sea level	Pressure: Departure from normal	Temperature of the air: Mean	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Total degree days	Mean temperature of the dew point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Greatest in 24 hours	Precipitation: Days with 0.01 inch or more	Wind: Average hourly velocity	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms
	Ft.	Ft.	Ft.	Mb.	Mb.	Mb.	°F.	°F.	°F		°F	°F.		°F.	°F.		°F.	%	In.	In.	In.		Mi.								0-10	In.	In.	
MIDDLE SLOPE																		75	3.56	+2.4											5.3			
Denver [2]	5,292	106	113	837.5	1,019.0	+1.0	43.0 / 37.0	−.9 / −2.8	68	23	48	9	11	26	36	842	22	68	3.21	+2.7	1.12	8	7.3	s.	26	w.	20	8	14	8	5.5	42.6	.0	0
Pueblo [1]	4,690	5	36	857.1	1,020.0	+2.4	34.4	−3.9	68	23	47	1	11	22	45	918	26	80	2.04	+1.7	.82	9	7.8	w.	40	nw.	2	11	6	13	5.5	29.3	.0	0
Dodge City [1]	2,509	5	58	928.2	1,017.6	−.7	41.8	−.8	69	20	52	24	25	32	33	694	34	80	2.10	+1.4	1.04	7	16.4	sw.	42	ne.	3	14	5	11	5.2	1.5	.0	2
Wichita [1]	1,358	6	64	968.8	1,018.0	−.6	44.9	+.1	68	20	54	24	26	36	33	604	36	75	2.14	+.8	.87	7	15.3	s.	45	nw.	16	11	7	12	5.4	.1	.0	2
Oklahoma City [2]	1,214	10	47	974.6	1,018.3	−.3	50.1	+1.3	74	24	60	26	26	40	34	445	38	72	4.30	+2.4	1.30	9	9.5	s.	30	e.	3	11	9	10	5.0	.2	.0	2
Tulsa [1]	674	10	60	993.9	1,018.6	-----	49.8	+.9	70	30	60	26	17	40	33	458	41	76	7.57	+5.5	2.11	9	11.3	n.	38	e.	2	13	5	12	5.2	.0	.0	2
SOUTHERN SLOPE																		64	.67	−.4											4.9			
Abilene [1]	1,738	4	59	956.0	1,017.6	−.7	52.0 / 54.8	+.8 / +2.2	82	2	66	30	27	43	36	323	42	69	1.43	+.1	.87	6	14.0	s.	38	s.	23	11	7	12	5.3	.0	.0	4
Amarillo [1]	3,676	5	42	889.6	1,017.2	−.4	45.0	+1.2	75	23	58	23	10	32	41	599	33	70	.78	−.1	.38	6	15.2	sw.	52	sw.	15	14	8	8	4.5	1.5	.0	1
Del Rio	960	63	71	982.7	1,016.6	−1.0	61.1	+1.1	86	9	71	38	29	51	36	159	45	60	.10	−1.1	.05	4	8.6	se.	28	nw.	25	13	2	15	5.5	.0	.0	2
Roswell	3,566	75	85	894.3	1,017.6	+.7	47.0	−1.1	78	23	61	25	18	32	46	542	29	57	.37	−.5	.24	4	6.8	s.	25	ne.	30	15	6	9	4.4	1.0	.0	0
SOUTHERN PLATEAU																		54	.66	−.1											3.8			
El Paso [1]	3,778	29	85	887.6	1,016.9	+1.0	50.0 / 49.8	−2.2 / −1.3	76	23	64	26	6	36	39	454	26	44	.03	−.5	.02	2	10.0	ne.	34	nw.	2	19	6	5	3.5	T	.0	0
Albuquerque [1]	5,314	5	45	838.5	1,017.3	-----	41.6	−1.7	64	22	53	25	11	30	36	704	26	60	.54	+.1	.51	4	8.5	ne.	35	se.	30	11	9	10	4.8	6.5	.0	0
Flagstaff	6,907	36	51	790.0	1,019.3	+2.7	35.9	−1.3	66	28	49	5	10	23	41	869	23	64	1.60	+.3	.56	9	-----	w.	--	------	--	12	8	10	5.0	13.4	.0	0
Phoenix [2]	1,107	39	87	976.6	1,016.3	+1.1	56.0	−3.7	80	22	69	36	3	43	37	271	38	61	.58	−.1	.34	5	5.8	e.	26	nw.	2	16	6	8	3.9	.0	.0	1
Tucson [1]	2,555	5	39	926.5	1,015.6	-----	54.8	−2.9	84	22	70	30	3	40	43	308	32	50	1.10	+.3	.88	6	-----	se.	--	------	--	17	9	4	3.3	.0	.0	2
Yuma	142	9	54	1,010.	51,015.6	+.4	59.9	−2.5	80	22	72	41	10	47	34	157	35	46	.12	−.2	.06	3	5.9	n.	37	nw.	2	21	5	4	2.6	.0	.0	0
MIDDLE PLATEAU																		70	1.61	+.9											6.2			
Reno [1]	4,527	20	52	862.9	1,018.6	−1.0	37.3 / 38.0	−1.4 / −1.7	70	27	52	10	4	24	53	809	26	67	2.04	+1.4	.97	9	7.2	s.	49	s.	22	8	4	18	6.3	4.4	.0	0
Winnemucca	4,339	5	56	868.6	1,018.6	−2.1	36.8	−1.6	60	29	48	15	2	26	41	850	28	71	.79	+.1	.30	7	8.7	sw.	34	sw.	20	6	8	16	6.8	6.3	.0	0
Modena	5,473	10	46	833.4	1,017.6	−1.0	35.2	−1.2	63	27	46	9	16	24	36	906	-----	---	2.30	+1.7	1.16	5	8.6	sw.	36	sw.	20	10	9	11	5.6	7.5	.0	0
Salt Lake City [1]	4,227	32	58	868.3	1,019.0	−1.0	38.4	−1.0	57	18	47	14	21	29	34	801	28	72	1.44	+.3	.57	8	8.6	nw.	46	s.	20	8	6	16	6.3	9.5	.0	0
Grand Junction	4,602	60	68	861.8	1,020.7	−2.1	37.9	−1.4	60	14	48	21	10	28	31	810	28	72	1.46	+.9	.95	8	5.5	se.	33	sw.	20	7	9	14	6.2	2.5	.0	0
NORTHERN PLATEAU																		78	2.12	+.6											7.5			
Baker [2]	3,471	36	54	896.7	1,019.6	−1.7	36.4 / 34.8	−2.3 / −1.2	53	18	42	15	3	27	31	906	28	78	1.37	+.3	.39	14	6.1	se.	28	sw.	18	3	6	21	7.8	8.1	.0	0
Boise [1]	2,739	5	49	921.8	1,019.6	−2.1	37.7	−2.0	57	19	46	19	12	30	31	819	30	76	2.05	+.8	.60	11	10.2	se.	33	nw.	1	6	5	19	6.8	3.6	.0	0
Pocatello [1]	4,478	5	31	864.2	1,020.3	−.4	35.2	+1.1	55	29	44	8	2	27	33	888	27	74	1.43	+.4	.57	13	9.5	sw.	43	s.	20	6	3	21	7.2	7.5	.0	1
Spokane [1]	1,929	27	42	948.5	1,019.3	.0	34.6	−3.9	53	18	42	17	20	27	26	914	30	84	3.16	+1.1	1.07	13	4.9	sw.	24	s.	18	3	3	24	8.3	16.1	.0	0
Walla Walla	991	57	65	982.7	1,019.3	−1.0	39.6	−3.2	67	18	46	18	21	33	32	764	-----	---	2.60	+.6	.50	15	4.7	s.	21	sw.	20	2	5	23	8.1	3.1	.0	0
Yakima [1]	1,076	58	67	979.0	1,019.0	-----	34.6	------	59	18	47	16	14	22	37	909	27	80	1.18	------	.54	7	-----	w.	--	------	--	6	9	15	6.6	11.7	2.3	0
NORTH PACIFIC COAST																		82	6.59	+1.7											7.3			
North Head	211	5	55	1,008.8	1,016.6	−1.0	44.1 / 45.2	−1.9 / −3.0	62	4	50	33	20	40	22	593	40	82	9.10	+.6	2.20	21	16.0	s.	54	s.	22	5	7	18	7.1	T	.0	1
Seattle [2]	125	90	321	1,012.9	1,017.6	+.3	44.3	−2.5	63	4	50	32	20	39	25	619	37	84	6.36	+1.3	2.50	19	9.0	se.	34	sw.	27	5	6	19	7.6	5.3	.0	0
Tacoma	194	172	201	1,010.5	1,017.6	+.3	42.8	−1.8	61	4	49	31	19	37	25	666	-----	---	5.51	−.8	2.49	17	7.3	s.	27	sw.	1	8	7	15	6.5	18.7	.0	0
Tatoosh Island	86	9	61	1,013.2	1,016.6	+1.7	43.9	−2.0	55	3	48	29	20	40	21	635	39	84	7.90	−4.0	1.96	22	19.2	e.	59	e.	22	6	6	18	7.2	1.7	.0	0
Medford [1]	1,329	29	58	970.5	1,019.3	-----	43.0	−.9	67	3	53	22	8	33	42	662	36	76	3.99	+1.6	2.59	11	-----	s.	--	------	--	5	5	20	7.1	T	.0	0
Portland, Oreg. [2]	154	68	106	1,012.5	1,018.3	−1.0	45.4	−1.4	59	4	52	30	16	39	21	588	38	82	7.20	+1.1	2.50	20	6.5	se.	24	s.	18	6	4	20	7.3	T	.0	0
Roseburg	510	45	76	1,000.0	1,019.0	−1.0	44.4	−1.5	62	22	51	30	12	38	21	618	40	85	6.08	+1.4	2.04	17	3.8	s.	19	s.	18	0	7	23	8.3	T	.0	0
MIDDLE PACIFIC COAST																		66	2.94	−.2											5.9			
Eureka	60	72	88	1,016.9	1,019.3	−.3	51.8 / 49.6	−1.9 / −1.5	65	3	56	34	11	43	27	466	42	76	4.36	−.8	1.89	11	8.8	se.	38	s.	22	8	5	17	6.7	.0	.0	2
Red Bluff [1]	353	5	26	1,005.1	1,018.0	-----	52.0	−1.8	74	3	61	34	4	43	37	392	32	52	2.25	−.7	1.17	5	8.7	nw.	38	se.	18	9	7	14	6.1	.0	.0	0
Sacramento [2]	66	92	115	1,015.6	1,018.0	−1.0	51.0	−2.6	68	9	61	35	10	42	31	420	36	64	2.42	+.5	1.19	4	7.0	n.	31	nw.	2	10	6	14	5.7	.0	.0	0
San Francisco [2]	155	112	132	1,012.2	1,018.0	−1.0	54.6	−1.7	68	3	60	45	20	49	19	312	42	70	2.73	+.4	1.74	8	7.3	w.	27	sw.	19	13	6	11	5.1	.0	.0	0
SOUTH PACIFIC COAST																		66	3.50	+2.5											4.7			
Fresno [1]	327	5	34	1,005.8	1,018.0	.0	55.9 / 50.6	−1.7 / −1.8	74	5	62	31	11	91	41	430	38	68	1.94	+1.0	.83	7	4.7	se.	24	nw.	23	10	4	16	5.9	.0	.0	0
Los Angeles	338	223	250	1,004.7	1,016.9	+.3	58.8	−2.1	83	27	68	45	15	50	28	190	40	58	6.04	+4.8	2.31	9	7.9	w.	40	n.	2	14	11	5	3.9	.0	.0	3
San Diego [1]	87	20	55	1,013.5	1,016.9	+.3	58.2	−1.1	75	27	67	45	4	49	27	206	48	72	2.53	+1.8	.89	8	6.5	ne.	28	w.	8	17	4	9	4.3	.0	.0	1
PANAMA CANAL																																		
Balboa Heights	118	6	97	------	1,009.8	-----	79.3	+.4	90	7	86	71	27	73	17	-----	74	89	8.08	−2.02	2.26	22	4.8	nw.	20	nw.	18	2	19	9	6.5	.0	.0	6
Cristobal	27	37	92	------	1,009.8	-----	79.0	−.1	90	26	83	71	13	75	16	-----	74	83	25.54	+3.28	8.41	23	6.4	nw.	22	n.	10	0	13	17	7.3	.0	.0	6
ALASKA																																		
Anchorage [1]	132	6	44	1,007.1	1,012.2	-----	17.2	−5.2	47	10	25	−8	15	10	30	1,434	14	76	1.39	+.35	.50	10	5.2	ne.	34	se.	10	6	6	18	6.8	17.9	3.5	0
Fairbanks [1]	455	5	63	1,000.0	1,018.3	-----	.6.6	−10.0	33	10	2	−32	29	−15	42	2,149	−9	80	.24	−.49	.13	4	3.9	n.	29	sw.	9	9	8	13	5.9	3.1	10.0	0
Juneau [1]	80	6	30	1,012.2	1,015.2	-----	29.4	------	48	9	35	10	22	24	17	1,065	24	77	7.31	------	2.26	16	9.1	n.	38	se.	4	7	2	21	7.1	9.6	1.3	0
Nome	22	10	75	1,014.2	1,014.9	-----	13.6	−2.3	33	17	21	−17	13	6	31	1,544	12	90	1.35	+.38	.50	12	-----	n.	40	ne.	1	9	8	13	6.0	26.3	25.1	0
Barrow	29	5	27	1,016.6	1,016.9	-----	5.3	+6.5	31	18	13	−18	3	−2	31	1,792	5	96	.16	−.13	.06	7	12.2	ne.	47	------	18	3	6	21	7.7	1.9	8.9	0
Bethel	28	5	31	1,011.9	1,013.2	-----	14.4	−2.1	36	23	22	−10	14	7	31	1,515	13	87	.85	−.10	.22	16	10.0	ne.	41	------	10	7	7	16	6.8	6.7	4.5	0
Cordova	45	5	32	1,008.5	1,010.5	-----	26.3	------	45	10	34	6	30	19	24	1,160	24	82	6.27	------	1.20	15	-----	e.	26	se.	1	8	5	17	6.6	15.0	4.0	0
Gambell	32	5	32	1,012.2	1,013.2	-----	24.2	+1.4	37	17	28	6	12	21	17	1,224	21	87	.33	−.64	-----	7	-----	n.	--	------	--	0	1	29	9.1	2.9	.3	0
Ketchikan	25	69	90	1,014.2	1,014.9	-----	37.2	−3.0	52	4	42	19	18	33	17	834	30	76	14.50	−5.68	2.84	21	6.6	ne.	27	s.	4	8	1	21	7.0	.1	.0	0
Kotzebue	20	5	31	1,015.6	1,016.3	-----	7.8	+2.3	31	18	13	−10	14	3	21	1,717	4	84	.31	+.01	.11	7	-----	se.	47	se.	16	4	10	16	6.7	3.4	3.2	0

[1] Data are airport records.
[2] Baron etric 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.