

CLIMATOLOGICAL DATA FOR DECEMBER 1948

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 precipitations; 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.	° F.	° F.	In.	In.	In.	In.	In.	In.			
Alabama	51.2	+3.5	Eufaula	82	17	Valley Head	-12	26	4.53	-0.75	Elba	9.09	Peterman	2.33
Arizona	42.6	+1.3	Mohawk	85	30	Fort Valley	-12	24	1.95	+0.66	Workman Creek 1	7.74	Ehrenburg	.09
Arkansas	44.3	+1.5	2 stations	83	13	Batesville	+8	26	4.03	-0.20	Paragould	8.18	Dumas	1.41
California	40.7	-4.9	do	85	9	Boca	-23	24	3.75	+0.69	Gasquet R. S.	18.70	Greenland Ranch	1.00
Colorado	26.0	+1	Eversoll Ranch	80	13	Kremmling	-39	25	1.12	+0.24	Wolf Creek Pass 4 W	6.06	3 stations	T
Florida	65.8	+5.8	4 stations	89	10	Marianna Ind. School	+25	31	2.90	+0.13	Vernon	8.64	2 stations	.01
Georgia	51.8	+4.0	Waycross	83	16	Blairsville Exp. Sta.	+10	26	5.23	+0.92	Blakely	9.13	Quitman	2.64
Idaho	19.7	-6.8	Deer Flat Dam	56	3	2 stations	-36	23	2.86	+0.78	Roland (West Portal)	10.98	Chilly 4 SE (Barton F.)	.45
Illinois	34.0	+2.9	East St. Louis	78	15	Carlinville 4 E	-12	26	2.70	+0.59	Cairo W B City	5.03	Quincy C.A.A.	.55
Indiana	34.8	+2.6	Bloomington, Ind. U.	73	15	2 stations	-8	26	3.50	+0.78	Salem	5.34	W. Lafayette Purdue U.	2.47
Iowa	25.5	+0.9	6 stations	64	4	Atlantic (AP)	-21	25	1.63	+0.53	Oskaloosa	3.63	Mapleton 5 NW	.39
Kansas	34.4	+1.3	5 stations	75	13	Horton	-15	28	4.42	-0.49	Stillwell	1.63	4 stations	T
Kentucky	40.3	+2.5	Corbin	74	14	Farmers	-6	28	4.34	+0.57	Mayfield 2 S	8.39	Anchorage	2.33
Louisiana	55.7	+3.2	Jennings	87	24	Plain Dealing	19	27	4.42	-0.90	Weyanoke	10.81	Colfax	1.10
Maryland-Delaware	38.2	+2.9	Great Falls, Md	71	13	Oakland, Md	-9	27	5.49	+2.35	Millington, Md	7.57	Cumberland, Md	3.85
Michigan	27.6	+2.0	Ann Arbor, U. of Mich	62	5	Kenton U. S. Forest	-22	26	1.98	-0.06	Bloomington	3.60	Kenton U. S. Forest	.44
Minnesota	14.7	-1.1	Albert Lea	58	3	Bemidji Airport	-40	25	0.92	+0.16	Grand Marais Coast Guard	2.49	Redwood Falls	T
Mississippi	51.7	+3.4	2 stations	83	15	Duck Hill	+17	31	4.41	-0.86	Woodville	8.70	Port Gibson	1.82
Missouri	37.0	+2.8	Ozark Beach	81	14	Bethany	-26	26	2.17	0	Caruthersville	6.47	Lamar	.71
Montana	14.5	-6.8	Hardin	62	2	West Yellowstone	-39	23	0.89	-0.06	Haugan	5.33	Dunkirk	.06
Nebraska	25.7	-1.5	Valentine W B	70	3	Tecumseh	-21	28	0.90	+0.22	Pawnee City 6 SE	2.32	Curtis	.20
Nevada	27.9	-2.8	2 stations	74	13	Fish Creek Ranch	-28	24	1.01	+0.03	Jarbridge	4.11	Thorne	T
New England	29.3	+2.9	4 stations	60	16	Lemington, 1 W, Vt.	-26	25	3.73	+0.40	Torrington 1, Conn	10.01	Middleton, Mass	.96
New Jersey	35.4	+1.8	2 stations	68	15	Runyon	-16	27	6.43	+2.90	Hammonton	8.32	Deepwater	4.37
New Mexico	37.8	+3.5	do	79	15	Selsor Ranch	-18	29	0.70	-0.01	Cloudcroft No. 2	5.75	21 stations	0
New York	29.2	+2.5	3 stations	60	17	Speculator	-23	25	4.17	+1.22	West Shoken	10.37	Stafford	1.01
North Carolina	46.1	+3.5	do	78	13	Celo	-5	26	4.89	+1.08	Hatteras W B City	8.91	Swannanoa	1.97
North Dakota	10.8	-2.5	Mott RR Station	59	2	Bottineau State Park	-35	10	0.66	+0.18	Rugby 1 N.	2.09	2 stations	.06
Ohio	34.9	+3.2	3 stations	67	13	Millport 2 NW	-3	26	3.10	+0.37	Chilo Dam 3, 4	4.90	Put-in-Bay Stone Lab.	1.56
Oklahoma	42.7	+2.6	6 stations	85	13	Kenton	+5	24	1.02	-0.69	Stilwell	5.17	11 stations	0
Oregon	28.4	-5.2	Modoc Orchard	68	12	Austin 3 S	-26	23	6.08	+2.12	Valsetz	29.88	Durkee	.63
Pennsylvania	32.6	+1.4	Huntingdon	69	14	Kane	-16	26	4.25	+1.18	George School	7.17	Warren	1.79
South Carolina	49.9	+3.1	Orangeburg, 2 Mi SE	83	17	Caesar's Head	+9	26	4.46	+0.84	Caesar's Head	7.02	Charleston W B City	3.32
South Dakota	20.2	-1.9	2 stations	73	3	McLaughlin	-18	10	0.29	-0.22	2 stations	1.08	Sisseton	T
Tennessee	43.4	+2.6	4 stations	75	13	Bristol W B Airport	+5	26	6.01	+1.49	Dover 1 Mi NW	9.27	Memphis W B Airport	2.70
Texas	52.1	+3.2	McCook	95	24	Dalhart Exp. Station	+8	25	0.69	-1.63	Palestine W B	4.70	37 stations	0
Utah	25.4	-2.4	Bluff	69	4	2 stations	-30	25	1.77	+0.71	Alta	9.53	Fruita	.45
Virginia	40.5	+2.4	2 stations	79	6	Burkes Garden	-10	28	5.29	+2.22	Rockfish	8.76	Speedwell	2.54
Washington	27.2	-7.0	Moses Lake Devel. F.	59	1	Chewelah 2 S	-27	24	6.02	+0.58	Wind River	22.92	Quincy 4 S	.94
West Virginia	37.7	+3.1	2 stations	71	16	Union	-12	27	4.97	+1.71	Pickens No. 1	8.72	Wheeling, Ohio County, A. P.	2.96
Wisconsin	21.7	+1.1	do	60	4	Hatfield Power Co. Dam	-25	28	1.41	+0.12	Racine	3.64	Owen County Asylum	.34
Wyoming	18.7	-3.6	Midwest	69	3	Bondurant	-44	25	0.99	+0.28	Moose 3 NW	5.45	Powell	.06
Alaska (Nov.)	8.9	-5.2	Cape Decision	54	14	Allakaket	-55	25	3.16	+0.41	Little Port Walter	34.11	2 stations	.12
Hawaii	68.9	-0.9	Mahukona	90	5	Haleakala Ranger Sta.	+35	25	11.25	+3.43	Waikamoi Gulch	64.73	3 stations	.00
Puerto Rico	74.2	-1	Dos Bocas	96	1	Cidra	+49	31	4.40	+0.07	St. Just (near Rio Piedras, P. R.)	18.00	Santa Isabel	.54

1 Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR DECEMBER 1948

Table with columns: District and station, Elevation of instruments, Pressure, Temperature of the air (Averages, Extremes), Precipitation, Wind, Character of day. Rows include New England, Middle Atlantic, South Atlantic, Florida Peninsula, and East Gulf.

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR DECEMBER 1948.—Continued

Table with columns for District and station, Elevation of instruments, Pressure, Temperature of the air (Averages, Extremes), Precipitation, Wind, and Character of day. Rows include West Gulf, Ohio Valley and Tennessee, Lower Lakes, Upper Lakes, North Dakota, and Upper Mississippi.

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR DECEMBER 1948.—Continued

Table with columns: District and station, Elevation of instruments, Pressure, Temperature of the air (Averages, Extremes), Precipitation, Wind, Character of day. Rows include Missouri Valley, Northern Slope, Middle Slope, Southern Slope, Southern Plateau, Middle Plateau, and Northern Plateau.

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS FOR DECEMBER 1948.—Continued

Table with columns for District and station, Elevation of instruments, Pressure, Temperature of the air (Averages and Extremes), Precipitation, Wind, and Character of day. Rows include North Pacific Coast (Kelso, North Head, Seattle, Tacoma, etc.), Middle Pacific Coast (Eureka, Red Bluff, Sacramento, San Francisco), South Pacific Coast (Fresno, Los Angeles, San Diego), Alaska (Anchorage, Barrow, Bethel, etc.), and Hawaii (Honolulu).

1 Height of barometer cistern above mean sea level on January 1, 1900, or when station was first established since January 1, 1900. When station is moved to new location or airport, the pressure is reduced to the original elevation for homogeneity. These elevations do not represent the present station elevation in most cases.

2 Data are from airport records. Pressures adjusted to original elevations according to note 1.

3 Barometric, hygrometric, wind, character of day, and average cloudiness data from airport records; remainder from city office records.

4 Barometric and hygrometric data from airport records; remainder from city office records.

5 Barometric, temperature, degree day, and hygrometric data from airport; remainder from city office records.

NOTE.—Unless otherwise indicated, data in table are city office records.