

CLIMATOLOGICAL DATA

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	46.5	-1.2	Andalusia	78	30	Valley Head	12	2	3.76	-1.52	Waterloo	11.63	Union Springs	0.74
Arizona	43.7	+1.9	Tempe Veg. Farm	80	21	Fort Valley	-6	31	1.17	-1.13	Crown King	4.15	Inner Canyon	T
Arkansas	38.0	-4.8	Marshall	76	20	Gravette	4	12	7.86	+3.59	Warren	14.37	Odell	2.29
California	46.8	+1.0	El Cajon	87	19	Elery Lake	-12	30	2.82	-1.05	Upper Mattole	16.62	2 stations	.00
Colorado	26.1	+1.3	Eversoll Ranch	70	20	Taylor Dam	-31	31	.79	-1.11	Cumbres	8.20	Conejos Dam	T
Florida	56.8	-3.0	Stuart	92	9	2 stations	18	15	.78	-1.98	Miami Beach	3.27	3 stations	.00
Georgia	44.3	-3.4	Quitman	80	31	Blairsville	-2	15	2.08	-2.19	Elijay	5.74	Brunswick Airport	.30
Idaho	24.9	-1.6	Lewiston	58	5	Island Park Dam	-25	23	1.38	-1.68	Roland	4.94	Mackay	.19
Illinois	25.0	-6.0	Carbondale	67	20	2 stations	-24	26	1.66	-4.4	Elizabethtown	4.93	Joliet Airport	.77
Indiana	26.6	-5.6	Marengo	59	6	Frankfort	-15	26	1.95	-1.78	Scottsburg	4.05	Farmersburg	.85
Iowa	20.6	-3.6	Keokuk	47	4	Marshalltown	-25	26	1.29	+1.11	Melrose	3.21	Rock Rapids	T
Kansas	30.8	-2.3	3 stations	64	20	Horton	-5	26	2.15	+1.25	Reading	5.83	Long Island	.15
Kentucky	33.0	-4.7	Pikeville	63	25	2 stations	5	14	3.62	-2.21	Bowling Green	6.48	St. John	1.58
Louisiana	49.6	-2.9	Donaldsonville	82	25	3 stations	19	12	6.09	+1.74	Ruston	14.12	Cinclare	1.55
Maryland - Delaware	32.9	-2.4	Salisbury, Md.	62	25	Oakland, Md.	-14	22	3.34	+1.19	Oakland, Md.	5.84	Ocean City, Md.	1.60
Michigan	22.1	-3.5	2 stations	47	5	Vanderbilt	-25	21	1.58	-1.46	Phoenix	4.69	Stambaugh	.39
Minnesota	16.6	+1.7	Beardsley	48	16	Big Falls	-29	21	.23	-1.52	Pigeon River Bridge	.81	Angus	.01
Mississippi	46.2	-2.2	2 stations	80	25	Water Valley	15	14	6.97	+1.64	University	14.84	Leakesville	.70
Missouri	29.1	-5.1	Arcadia	70	20	Louisiana	-14	26	2.26	+0.07	Caruthersville	6.28	Springfield	.91
Montana	21.8	-1.7	Grass Range	68	5	West Yellowstone	-41	23	.58	-3.36	Heron	2.24	Culbertson	.00
Nebraska	25.6	-1.6	Bridgeport	59	6	Gordon	-19	25	.39	-1.29	Falls City	2.68	Fullerton	T
Nevada	30.8	-6	2 stations	70	17	Fish Creek Ranch	-30	14	4.45	-1.54	Marlette Lake	2.86	5 stations	.00
New England	23.8	-2.6	Nantucket, Mass.	55	12	Lake Frontiere, Maine	-36	19	3.12	-1.19	Machias, Maine	6.01	Bethlehem, N. H.	1.02
New Jersey	30.7	-3.1	Flemington	58	5	Layton	-14	22	3.02	-1.53	Dover	5.38	Layton	1.74
New Mexico	34.0	-2	3 stations	79	13	Selsor Ranch	-27	31	.81	+1.09	Selsor Ranch	2.35	2 stations	.00
New York	22.9	-3.8	New York	55	8	Wanakana	-27	29	3.26	+1.32	Little Valley	6.55	Chazy	.72
North Carolina	38.0	-4.5	Goldsboro	78	25	2 stations	-2	15	2.72	-1.08	Andrews	7.50	Manteo	1.30
North Dakota	15.8	+2.3	Medora	50	6	Bottineau	-27	25	.06	-1.41	Towner	.43	46 stations	T
Ohio	26.1	-5.6	Jackson	61	5	3 stations	-17	22	2.89	+1.18	Chesapeake	5.18	Sidney	1.34
Oklahoma	37.5	-2.5	6 stations	69	16	Watts	7	12	2.46	+1.74	Idabel	7.53	Kenton	.38
Oregon	32.4	-1.3	Port Oxford	77	12	Joseph	-6	24	1.72	-2.13	Gold Beach	9.33	Mikkalo	.12
Pennsylvania	26.3	-5.0	Phoenixville	60	9	2 stations	-26	22	3.79	+1.69	Lycippus	7.19	Lawrenceville	1.77
South Carolina	42.0	-4.7	Ridgeland	77	31	Walhalla	12	13	1.44	-2.13	Longcreek	3.87	Walterboro	.39
South Dakota	22.3	+2	Rapid City	60	6	Custer	-26	24	.24	-1.28	Deadwood	1.81	7 stations	T
Tennessee	36.4	-4.3	Knoxville Airport	68	31	Rugby	2	3	6.07	+1.54	Memphis	11.97	Greenville	3.09
Texas	45.2	-2.7	Harlingen	87	21	Miami	8	1	3.46	+1.14	Jefferson	11.51	Friona	.30
Utah	28.9	+1.7	2 stations	63	14	Woodruff	-11	16	.88	-2.22	Silver Lake (Brighton)	4.02	Callao	.00
Virginia	33.8	-4.3	do	69	25	Emory	0	15	2.67	-1.38	Damascus	4.72	Timberville	1.19
Washington	31.2	-2.1	do	65	5	Chesaw	-12	24	2.09	-3.34	Quinalt	10.92	White Swan	.03
West Virginia	29.4	-5.2	4 stations	63	15	Seneca State Forest	-15	15	4.63	+1.33	Pickens	11.15	Brandywine	1.56
Wisconsin	18.1	-2.6	Iron River	48	4	Darlington	-28	26	.80	-1.49	Brodhead	1.99	Mondovi	.17
Wyoming	20.3	-1.9	Torrington	60	6	Lamar Ranger Station	-40	23	.69	-1.04	Snake River	3.19	2 stations	.06
Alaska (November)	16.2	+1.8	Japonski	63	20	Northway	-42	13	2.42	-1.33	Little Port Walter	31.31	Sheep Mountain	T
Hawaii	69.7	-4	2 stations	88	11	Haleakala Ranger Station	37	1	6.76	-1.74	Kukul	32.00	Puu Mall	.40
Puerto Rico														

1 Other dates also.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS

Table with columns for District and station, Elevation of instruments, Pressure, Temperature of the air, Precipitation, and Wind. Rows are categorized by region: New England, Middle Atlantic, South Atlantic, Florida Peninsula, East Gulf, West Gulf.

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS

Table with columns for District and station, Elevation of instruments, Pressure, Temperature of the air, Precipitation, and Wind. Rows include Ohio Valley and Tennessee, Lower Lakes, Upper Lakes, North Dakota, Upper Mississippi, and Missouri Valley.

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS

Table with columns for District and station, Elevation of instruments, Pressure, Temperature of the air, Precipitation, and Wind. Rows list various stations such as Northern Slope (Billings, Havre), Middle Slope (Denver), Southern Slope (Abilene), Southern Plateau (El Paso), Middle Plateau (Reno), Northern Plateau (Baker), North Pacific Coast (Seattle), Middle Pacific Coast (Eureka), South Pacific Coast (Fresno), and Panama Canal (Balboa Heights).

See footnotes at end of table.

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS

District and station	Elevation of instruments			Pressure			Temperature of the air								Total degree days	Mean temperature of the dew-point	Mean relative humidity	Precipitation				Wind			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					
	Barometer above sea level	Thermometer above ground	Anemometer above ground	Station	Sea level	Departure from normal	Mean	Departure from normal	Maximum	Date	Mean maximum	Minimum	Date	Mean minimum				Greatest daily range	Total	Departure from normal	Greatest in 24 hours	Days with 0.01 inch or more	Average hourly velocity	Prevailing direction								Maximum velocity				
																																Miles per hour	Direction	Date		
<b>Alaska</b>	<i>Ft.</i>	<i>Ft.</i>	<i>Ft.</i>	<i>Mbs.</i>	<i>Mbs.</i>	<i>Mbs.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>%</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>Mi.</i>																
Anchorage <sup>1</sup>	132	5	44	1,004.7	1,009.8	-----	17.3	+4.0	48	16	24	23	5	11	25	1,475	16	88	1.08	+ .2	.59	8	4.9	ne.	28	s.	16	2	6	6	23	8.2	16.2	3.8	0	
Fairbanks <sup>1</sup>	454	5	63	995.6	1,013.9	-----	-2.2	+4.9	40	12	7	-46	6	-12	46	2,088	22	88	.45	- .1	.18	7	5.0	n.	30	e.	30	5	7	19	7.1	7.3	6.0	0		
Juneau <sup>1</sup>	80	6	32	1,013.2	1,016.3	-----	31.2	-----	54	12	35	-2	30	27	24	1,050	22	84	4.43	-----	1.02	20	10.8	se.	34	se.	8	4	4	23	8.0	5.6	2.6	0		
Nome	22	25	56	1,006.8	1,007.5	-----	11.1	+3.6	35	21	17	-21	4	5	24	1,670	8	86	1.74	+ .6	-----	13	12.6	ne.	49	sw.	16	10	5	16	6.2	11.3	10.4	0		
<b>Hawaii</b>																																				
Honolulu	38	86	100	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Alaska																																					
Bethel	28	7	31	1,003.7	1,005.1	-----	13.4	+6.1	42	23	10	-29	4	8	33	1,589	11	86	.82	+ .0	-----	14	12.8	ne.	39	-----	15	6	6	19	7.1	4.3	1.8	0			
Gambell	32	5	32	1,005.4	1,006.4	-----	10.0	+ .6	33	21	14	-10	5	6	22	1,705	8	90	1.33	+ .6	-----	16	24.0	e.	50	e.	29	7	5	19	7.0	13.3	15.2	0			
Ketchikan	75	69	90	1,016.6	1,017.3	-----	36.6	+1.3	53	13	41	20	29	33	14	882	32	86	13.08	+2.9	2.82	17	5.3	ne.	23	e.	10	6	4	21	7.6	11.8	7.5	0			
Kotzebue	20	5	31	1,010.5	1,011.2	-----	2.0	+5.7	34	16	9	-36	5	-5	32	1,952	0	88	.76	+ .5	.40	8	15.0	e.	52	se.	21	10	14	6.4	6.7	12.0	0				
McGrath	331	5	31	997.6	1,010.5	-----	-1.6	-----	44	15	8	-51	5	-9	34	2,034	-2	90	1.48	+ .2	.39	16	-----	nw.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
Northway	1,718	5	32	950.9	1,018.0	-----	-7.3	-----	30	11	0	-49	30	-15	26	2,245	-10	84	.26	-----	.21	5	3.5	se.	24	-----	4	5	5	21	7.5	3.0	8.5	0			

<sup>1</sup> Data are airport records.  
<sup>2</sup> Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.  
<sup>3</sup> Observations taken bihourly.  
<sup>4</sup> Pressure (adjusted to old city elevation), temperature, and hygrometric data from airport; otherwise city office records.  
<sup>5</sup> 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.

SEVERE LOCAL STORMS, DECEMBER 1944

NOTE.—The data for December will be published in the January 1945 issue of the REVIEW.—EDITOR.