

CLIMATOLOGICAL SUMMARY.

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TEMPERATURE AND PRECIPITATION BY SECTIONS, JANUARY 1909.

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

The mean temperatures 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 temperature and precipitation are based only on records from stations that have ten or more years of observation. Of course the number of such records is smaller than the total number of stations.

Section.	Temperature—in degrees Fahrenheit.						Precipitation—in inches and hundredths.							
	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.
Alabama	50.0	+ 5.6	3 stations	82	25	Valley head	3	31	2.16	- 2.58	Cullman	4.74	Goodwater, Troy	0.34
Arizona	49.1	+ 4.3	Aztec	90	7	Flagstaff	6	26	0.92	- 0.23	Pinal Ranch	3.44	3 stations	0.00
Arkansas	43.8	+ 3.7	{Pine Bluff Prescott	82 82	25 23	Pond	-19	12	1.79	- 2.15	Pocahontas	3.62	Springbank	0.36
California	47.8	+ 3.0	Rialto (near)	84	18	Alturas	-21	10	16.17	+10.17	Helen Mine	71.54	3 stations	0.00
Colorado	27.8	+ 4.3	Hoehne	83	9, 28	Gunnison, Kremm- ling	-38	30	1.21	+ 0.23	Marble	3.37	Ft. Morgan, Holyoke	0.00
Florida	62.4	+ 4.8	Merritts Island	89	4	Marianna	18	31	1.67	- 1.36	Jupiter	5.98	Macclenny	0.34
Georgia	59.9	+ 6.4	Quitman	87	24	Dahlonega, Diamond	5	31	1.96	- 1.97	Clayton	4.92	Statesboro	0.21
Hawaii (December, 1908)	68.5*		Kihel, Maui	95	7	Humuula, Hawaii	31	27	7.33†		Hakalau, Mauka, Hawaii	33.15	4 stations	0.00
Idaho	27.8	+ 2.6	Enmett	68	16	{Chesterfield Spirit Lake	-28 -28	29 11	4.07	+ 1.76	Landore	12.61	Camas	0.47
Illinois	29.2	+ 2.8	Benton	78	24, 25	Lanark, Zion	-20	6	2.31	- 0.14	Du Quoin	5.80	Ottawa	0.98
Indiana	31.9	+ 4.1	Farmersburg	73	23	Salamonia	-15	13	2.67	- 0.23	Knox	5.01	Eminence	1.48
Iowa	21.2	+ 1.9	Keokuk	72	23	3 stations	-25	6	1.66	+ 0.61	Ridgeway	3.74	Le Mars	0.41
Kansas	29.8	+ 0.3	Liberal	80	9	Coolidge	-20	11	0.49	- 0.23	Paola	1.59	Coolidge, Hugoton	0.00
Kentucky	34.4	+ 3.2	Cattlettsburg	77	22	Hopkinsville	- 8	31	3.47	- 0.54	Williamsburg	6.65	Owenton	2.23
Louisiana	54.8	+ 4.5	Ferriday	87	24	Minden	- 16	31	1.96	- 2.47	Donaldsonville	4.21	Sugartown	0.24
Maryland and Delaware	35.3	+ 3.0	Millsboro, Del.	71	24	Oakland, Md.	- 8	19	2.75	- 0.30	Dover, Del.	3.58	Westernport, Md.	1.48
Michigan	28.7	+ 3.3	Quitman	66	3 d't's	Humboldt	-38	12	1.97	- 0.11	Muskegon	3.56	Humboldt	0.17
Minnesota	10.5	+ 1.1	3 stations	49	3 d't's	International Falls	-55	6	1.82	+ 0.58	Windom	2.72	Hallock	0.38
Mississippi	49.8	+ 3.6	Greenwood	83	24	3 stations	- 10	31	2.22	- 2.59	Woodville	4.67	Anguilla	0.65
Missouri	33.7	+ 2.5	Pluto	83	28	Warsaw	-20	12	2.17	- 0.27	Greenville	5.24	Conception	0.42
Montana	13.9	- 6.0	Steele	63	27	Chester	-55	11	1.72	+ 0.54	Snowshoe	15.48	Norris	0.05
Nebraska	23.0	- 0.6	Alma	67	5	Fort Robinson	-32	12	0.41	- 0.09	Weepingwater	2.16	7 stations	0.00
Nevada	35.6	+ 6.3	Las Vegas	77	17	Ely	-16	11	2.47	+ 1.09	Lewis Ranch	21.55	Jean	0.09
New England †	24.5	+ 2.7	{Monson, Mass. Torrington, Conn.	67 67	5 23	Bloomfield, Vt.	-32	19	4.23	+ 0.77	Bar Harbor, Me.	7.10	Durham, N. H.	1.93
New Jersey	33.2	+ 3.2	Indian Mills	69	23	Layton	-12	19	3.18	- 0.42	Belvidere	4.13	Canton	2.18
New Mexico	41.6	+ 6.1	Carlsbad	84	9	{Elizabethtown Vermejo Park	-17 -17	12 12	0.26	- 0.37	Mannelito	1.83	8 stations	0.00
New York	25.3	+ 3.4	Avon; other stations	64	24	Indian Lake	-35	13	3.35	+ 0.44	Adams Center	7.38	Lyndonville	0.85
North Carolina	45.7	+ 5.6	{Moncure Whiteville	84 84	25 25	Banners Elk	- 5	31	2.19	- 1.67	Horse Cove	5.72	Fayetteville	0.96
North Dakota	3.5	- 2.1	Oriska	53	22	Dunseith	-48	11	0.42	- 0.10	Lakota	1.45	Grafton	0.00
Ohio	32.2	+ 4.4	Ironton	74	24	Bladensburg, Rome	-17	13	3.24	+ 0.47	Summerfield	5.88	New Bremen	1.96
Oklahoma	39.6	+ 1.4	Healdton	88	4	Vinita	-15	12	0.35	- 1.04	Vinita	1.80	3 stations	0.00
Oregon	31.9	- 3.5	Vale	80	7	Warm Springs	-32	12	8.40	+ 3.66	Buckhorn Farm	23.16	Blalock	1.20
Pennsylvania	31.2	+ 3.4	California	72	21	Seagerstown	-19	13	2.92	- 0.40	Skidmore	4.25	Pocono Lake	1.58
Porto Rico	72.6	- 0.7	3 stations	92	18, 31	Aibonto	-48	17	3.19	- 0.30	Sabana Grande	6.21	Coloso	0.21
South Carolina	49.6	+ 5.2	{Blackville Waterboro	83 83	24 25	Heath Springs	9	31	1.54	- 2.09	Clemson College	4.74	Ferguson	0.60
South Dakota	14.4	- 1.3	Fort Meade	66	28	Cascade Springs	-41	11	0.58	+ 0.12	Ardmore	1.60	Speartish	T
Tennessee	42.8	+ 4.8	4 stations	76	23, 25	Sewanee	- 1	31	2.94	- 1.96	Rugby	5.23	Center Point	1.10
Texas	52.4	+ 4.8	{Fort McIntosh Zapata	92 92	28 28	Plemons	-10	12	0.15	- 1.74	{Arthur City Clarksville	1.24 1.24	15 stations	0.00
Utah	31.9	+ 5.0	St. George	68	6, 28, 31	Schofield	-32	29	2.88	+ 1.53	Schofield	18.38	Green River	0.05
Virginia	40.0	+ 4.7	Lynchburg	77	24	Burkes Garden	- 4	31	2.49	- 0.64	Big Stone Gap	5.26	Sabot	0.08
Washington	25.9	- 7.0	{Mottings Ranch Walla Walla	62 62	19 19	Northport	-32	11	5.92	+ 0.94	Republic	3.41	Kennewick	0.99
West Virginia	36.8	+ 4.9	Charleston	76	24	North Cumberland	- 5	13	3.41	- 0.06	Smithfield	6.50	Elkhorn	1.50
Wisconsin	17.7	+ 2.6	Ashland	58	23	Merrill	-48	12	1.19	- 0.11	Broadhead	2.93	Antigo	0.25
Wyoming	22.5	+ 2.0	Pine Bluff	69	20, 22	Daniel	-40	11	1.33	+ 0.62	Bedford	6.06	Pine Bluff	T

*52 stations; average elevation, 734 feet. †Average of 147 stations. ‡Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.